

**REPUBLIC OF THE UNION OF MYANMAR
MINISTRY OF CONSTRUCTION
DEPARTMENT OF BRIDGE**

**DETAILED DESIGN STUDY ON
THE BAGO RIVER BRIDGE
CONSTRUCTION PROJECT**

FINAL REPORT ATTACHMENTS

**VOLUME III QUANTITY
CALCULATION REPORT
Part III Steel Box Girder Bridge**

DECEMBER 2017

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

NIPPON KOEI CO., LTD.

ORIENTAL CONSULTANTS GLOBAL CO., LTD.

METROPOLITAN EXPRESSWAY COMPANY LIMITED.

CHODAI CO., LTD.

NIPPON ENGINEERING CONSULTANTS CO., LTD.

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**STEEL BOX GIRDER BRIDGE
(3-SPAN)**

SUPERSTRUCTURE

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Bill Of Material

(Unit: kg)

Type	Material	Thickness	Deck PL	Deck PL Longitudinal Splice	Deck PL Transverse Splice	Girder	Girder Splice	Cross Girder	Cross Girder Splice	Diaphragm	Diaphragm Splice	Crossbeam	Crossbeam Splice	Inspection Walkway	Total
PL	SM570-H	44				13316									13316
		42				12683									12683
		41				4782									4782
	SM570-H Subtotal					30781									30781
PL	SM570	38				8767									8767
		36				4120									4120
		32					3582								3582
		30						993							993
		29					3223		916						4139
		28							441						441
		27					3010								3010
		26					2890		740						3630
		25							356						356
		24							929						929
		23							1272						1272
		22					7596		1479						9075
		21							935						935
		20							333						333
		19							214						214
		18							468						468
		17					85340		222						85562
		16							209						209
		15							196						196
		11							5220						5220
10							4740						4740		
	SM570 Subtotal					118528	19663								138191
PL	SM520C-H	57				4897									4897
		52				4400								4400	
		50						920						920	
		45					14432							14432	
		44							808					808	
		42					3732							3732	
		41					8515							8515	
	SM520C-H Subtotal					35976	1728							37704	
PL	SM490YB	40				4544									4544
		38				22847								22847	
		36				18398								18398	
		35				13652								13652	
		34				6574								6574	
		32				6310								6310	
		31						955						955	
		30					6856							6856	
		29					3277	440						3717	
		28					12441	1137	2216					15794	
		27					15061							15061	
		26					10828	360						11188	
		25					6697	1404	3846					11947	
		24		64136			5531	944						70611	
		23					2649	2103						4752	
		22					45297	1607	6812					53716	
		21					7869	4529						12398	
20					13850	1913						15763			
19					4700	4693						9393			
18				5206	12424	624						18254			
17					131122	5908						137030			
	SM490YB Subtotal		64136		5206	350927	26617	12874						459760	
PL	SM490YA	16		255218		15364	1422							272004	
		15				228309	3277							231586	
		14			9089	318352	501							327942	
		13				3960	1466							5426	
		12				18464	566							19030	
		11				3892	5043							8935	
		10				2506	53279	4114						59899	
		9			23464	8328		55822						87614	
			SM490YA Subtotal		255218	23464	19923	641620	72211						
PL	SM490C	53				456								456	
		52				1341								1341	
		51				406								406	
		50				1194								1194	
		48				1528								1528	
		41				1340								1340	
	SM490C Subtotal					6265							6265		
PL	SM400B	38						418						418	
		32						1056						1056	
PL	SM400A	24		150185										150185	
		22				2364		1238						3602	
		19		486		43838		2580			12852			59756	
		17				20690								20690	
		16		512702				17305						530007	
		15				25121						7236		32357	
		13				1978								1978	
		12		1840										1840	
		11				12370		3178						15548	
		10		5876		108		18752	17174		26071			67981	
9		14961		3200		80029	57758		81741			237689			
6		5945										5945			
	SM400A Subtotal		691995			109669	124138	74932		127900			1128634		
PL	SS400	21						241						241	
		20						105						105	

19		756				80										836
18				10304												10304
16				896												896
15						152										152
14				19811		307										20118
13						165										165
12						196		168								364
11						207		356								563
10				5063		291										5354
9	1090	47382	18459			439		23846		8741			17450			117407
8						260										260
6			2221			635										2856
4.5						270										270
3.2						196										196
2.3						739										739
SS400 Subtotal		1846	47382	56754		4283		24370		8741			17450			160826
PL Subtotal		1013195	70846	81883	1293766	122774	139158	24370	74932	8741	127900	17450				2975015
FB	SS400	65* 6													4752	4752
		50* 6	115			758										873
FB Subtotal		115				758									4752	5625
L	SS400	65* 65* 6													26475	26475
U	SM490YA	320* 240* 8	92871													92871
	SM400A	320* 240* 8	194269													194269
U Subtotal		287140														287140
STK	STK400	165.2* 4.5	486													486
RB	SS400	13 φ		254												254
EXP	XG11	600												8605	8605	
TCB	S10T	M 22		23171	21763	44666		10687		4086		8033			112406	
HTB	F10T	M 22			10149	1810										11959
BN	SS400	M 12			485									1296	1781	
	SUS304	M 16	82													82
BN Subtotal		82		485										1296	1863	
Chain	SUS304	5*18*42*250	54													54
Component Weight Total		1301072	94017	114534	1294524	169250	139158	35057	74932	12827	127900	25483	41128	3429882		
Total		1301072	94017	114534	1294524	169250	139158	35057	74932	12827	127900	25483	41128	3429882		

Summary Table Of Bolts

(Unit : nos)

Type	Material	Dimension Of Section	APPROACH BRIDGE	Total
TCB	S10T	M 22* 150	312	312
		M 22* 145	286	286
		M 22* 140	562	562
		M 22* 135	1704	1704
		M 22* 130	892	892
		M 22* 125	552	552
		M 22* 120	2224	2224
		M 22* 115	1520	1520
		M 22* 110	728	728
		M 22* 105	2420	2420
		M 22* 100	1578	1578
		M 22* 95	10114	10114
		M 22* 90	3782	3782
		M 22* 85	1836	1836
		M 22* 80	1098	1098
		M 22* 75	41984	41984
		M 22* 70	84074	84074
M 22* 65	54514	54514		
TCB Subtotal			210180	210180
HTB	F10T	M 22* 155	24	24
		M 22* 150	22	22
		M 22* 145	40	40
		M 22* 140	114	114
		M 22* 135	58	58
		M 22* 130	36	36
		M 22* 125	16	16
		M 22* 120	26	26
		M 22* 115	50	50
		M 22* 110	58	58
		M 22* 105	32	32
		M 22* 100	20	20
		M 22* 95	8	8
		M 22* 90	20	20
		M 22* 85	48	48
		M 22* 80	18718	18718
		M 22* 75	1054	1054
M 22* 70	36	36		
HTB Subtotal			20380	20380
BN	SS400	M 12* 40	864	864
		M 12* 35	12128	12128
	SS400 Subtotal		12992	12992
	SUS304	M 16* 60	756	756
BN Subtotal			13748	13748
Total			244308	244308

Summary Table Of Primer Area

Computation Method

(Unit:m²)

	Shop	Site	
		Splice PL	Bolt Head
Outside1	A-E	E	I
Outside2	B-F	F	J
Inside	C-G	G	K
Top Surface Of Deck PL	D-H	H	L
Splice PL Contact	M		

Summary Table

(Unit:m²)

	Shop	Site	
		Splice PL	Bolt Head
Outside1	16806.59	2050.87	414.87
Outside2	1529.05	69.65	14.41
Inside	18918.32	884.92	412.80
Top Surface Of Deck PL	5193.88	879.77	355.01
Splice PL Contact	7941.49		

Summary Table Of Each Primer

(Unit:m²)

No.	Type	APPROACH BRIDGE	Total
A	Outside1	18857.46	18857.46
B	Outside2	1598.70	1598.70
C	Inside	19803.24	19803.24
D	Top Surface Of Deck PL	6073.65	6073.65
E	Outside Of Splice1	2050.87	2050.87
F	Outside Of Splice2	69.65	69.65
G	Inside Of Splice	884.92	884.92
H	Top Surface Of Deck PL Of Splice	879.77	879.77
I	Outside Of Bolt1	414.87	414.87
J	Outside Of Bolt2	14.41	14.41
K	Inside Of Bolt	412.80	412.80
L	Top Surface Of Deck PL Of Bolt	355.01	355.01
M	Splice PL Contact	7941.49	7941.49

Summary Table Of Hot-Dip Galvanization

(Unit: kg)

Type	Material	Dimension of Section	HDZ35	HDZ55	Total
FB	SS400	65* 6		4752	4752
L	SS400	65* 65* 6		26475	26475
STK	STK400	165.2* 4.5	486		486
EXP	XG11	600		8605	8605
BN	SS400	M 12	1781		1781
Total			2267	39832	42099

Summary Table of Weight of Each Block

Girder

(Unit: kg)

		Main Unit	Longitudinal Splice	Transverse Splice	Subtotal
BLK-1	LL1-JL1	3581		284	3865
	JL1-JL2	18846	1209	1226	21281
	JL2-JL3	3797		221	4018
	JL3-JL4	18350	1280	1079	20709
	JL4-JL5	8186		562	8748
	JL5-JL6	18272	1304	1093	20669
	JL6-JL6A	5252	568	266	6086
	JL6A-JL6B	4718	568	209	5495
	JL6B-JL6C	4707	567	237	5511
	JL6C-JL7	5761		311	6072
	JL7-JL8	19363	1210	1325	21898
	JL8-RR1	3618		284	3902
BLK-2	LL1-JL1	3092		284	3376
	JL1-JL2	16076	1063	1594	18733
	JL2-JL3	2691		221	2912
	JL3-JL4	14401	1181	1370	16952
	JL4-JL5	6257		562	6819
	JL5-JL6	14950	1175	1364	17489
	JL6-JL6A	3743	482	266	4491
	JL6A-JL6B	3278	481	209	3968
	JL6B-JL6C	3278	481	191	3950
	JL6C-JL7	3581		325	3906
	JL7-JL8	17317	1060	1785	20162
	JL8-RR1	3184		284	3468
BLK-3	LL1-JL1	3048		284	3332
	JL1-JL2	17553	1168	1707	20428
	JL2-JL3	2790		221	3011
	JL3-JL4	15828	1291	1470	18589
	JL4-JL5	6493		562	7055
	JL5-JL6	16188	1284	1544	19016
	JL6-JL6A	3851	538	266	4655
	JL6A-JL6B	3424	538	209	4171
	JL6B-JL7	6369		435	6804
	JL7-JL8	19051	1198	2081	22330
	JL8-RR1	3014		284	3298
	BLK-4	LL1-JL1	2855		284	3139
JL1-JL2		17575	1065	1720	20360
JL2-JL3		2688		221	2909
JL3-JL4		15370	1175	1486	18031
JL4-JL5		6247		562	6809
JL5-JL6		16109	1175	1558	18842
JL6-JL6A		3374	480	266	4120
JL6A-JL6B		3404	480	209	4093
JL6B-JL7		5733		428	6161
JL7-JL8		19163	1061	2241	22465
JL8-RR1		2946		284	3230
BLK-5		LL1-JL1	3064		284	3348
	JL1-JL2	17988	1172	1700	20860
	JL2-JL3	2804		221	3025
	JL3-JL4	15906	1295	1470	18671
	JL4-JL5	6526		562	7088
	JL5-JL6	16651	1297	1544	19492
	JL6-JL6A	3844	540	266	4650
	JL6A-JL6B	3443	540	209	4192
	JL6B-JL7	5021		420	5441
JL7-JL8	19601	1172	2081	22854	

	JL8-RR1	3032		284	3316
BLK-6	LL1-JL1	3102		284	3386
	JL1-JL2	17241	1068	1577	19886
	JL2-JL3	2703		221	2924
	JL3-JL4	15601	1179	1370	18150
	JL4-JL5	6284		562	6846
	JL5-JL6	15961	1179	1388	18528
	JL6-JL6A	3671	484	266	4421
	JL6A-JL6B	3290	483	209	3982
	JL6B-JL7	4548		348	4896
	JL7-JL8	18735	1063	1939	21737
	JL8-RR1	3195		284	3479
BLK-7	LL1-JL1	2922		284	3206
	JL1-JL2	16242	1169	1275	18686
	JL2-JL3	2790		221	3011
	JL3-JL4	14723	1291	1151	17165
	JL4-JL5	6493		562	7055
	JL5-JL6	15085	1289	1160	17534
	JL6-JL6A	3775	538	266	4579
	JL6A-JL6B	3424	538	209	4171
	JL6B-JL7	3721		292	4013
	JL7-JL8	17382	1168	1365	19915
	JL8-RR1	3014		284	3298
BLK-8	LL1-JL1	2993		284	3277
	JL1-JL2	15882	977	1298	18157
	JL2-JL3	2730		221	2951
	JL3-JL4	15026	996	1160	17182
	JL4-JL5	6374		562	6936
	JL5-JL6	14990	993	1324	17307
	JL6-JL6A	3670	496	266	4432
	JL6A-JL6B	3336	495	163	3994
	JL6B-JL7	3467		337	3804
	JL7-JL8	16110	967	1383	18460
	JL8-RR1	2963		284	3247
BLK-9	LL1-JL1	2437		284	2721
	JL1-JL2	14060	953	1614	16627
	JL2-JL3	2310		221	2531
	JL3-JL4	13288	1069	1430	15787
	JL4-JL5	5366		562	5928
	JL5-JL6	13274	1070	1441	15785
	JL6-JL6A	3130	429	266	3825
	JL6A-JL7	5423		478	5901
	JL7-JL8	14452	955	1891	17298
	JL8-RR1	2411		284	2695
BLK-10	LL1-JL1	2421		284	2705
	JL1-JL2	14351	859	1610	16820
	JL2-JL3	1975		221	2196
	JL3-JL4	13550	973	1430	15953
	JL4-JL5	4608		562	5170
	JL5-JL6	14021	976	1441	16438
	JL6-JL6A	2498	380	266	3144
	JL6A-JL7	4656		436	5092
	JL7-JL8	15087	863	1796	17746
	JL8-RR1	2400		284	2684
BLK-11	LL1-JL1	2472		284	2756
	JL1-JL2	14435	961	1294	16690
	JL2-JL3	2341		221	2562
	JL3-JL4	13472	1076	1145	15693
	JL4-JL5	5439		562	6001
	JL5-JL6	13444	1078	1145	15667
	JL6-JL6A	3156	433	266	3855

	JL6A-JL7	4882		423	5305
	JL7-JL8	15060	963	1305	17328
	JL8-RR1	2569		284	2853
BLK-12	LL1-JL1	3024		284	3308
	JL1-JL2	16090	998	1261	18349
	JL2-JL3	2754		221	2975
	JL3-JL4	15168	1019	1151	17338
	JL4-JL5	6433		562	6995
	JL5-JL6	15135	1016	1151	17302
	JL6-JL6A	3664	502	266	4432
	JL6A-JL7	5641		397	6038
	JL7-JL8	15963	977	1261	18201
	JL8-RR1	2989		284	3273
BLK-13	LL1-JL1	2953		284	3237
	JL1-JL2	16438	1188	1261	18887
	JL2-JL3	2814		221	3035
	JL3-JL4	15728	1311	1151	18190
	JL4-JL5	6552		562	7114
	JL5-JL6	15705	1313	1151	18169
	JL6-JL6A	3744	542	266	4552
	JL6A-JL7	5499		364	5863
	JL7-JL8	16334	1173	1261	18768
	JL8-RR1	3041		284	3325
BLK-14	LL1-JL1	2861		284	3145
	JL1-JL2	14035	981	1261	16277
	JL2-JL3	2373		221	2594
	JL3-JL4	13452	1096	1151	15699
	JL4-JL5	5508		562	6070
	JL5-JL6	13435	1097	1151	15683
	JL6-JL6A	3174	438	266	3878
	JL6A-JL7	4310		362	4672
	JL7-JL8	13951	936	1261	16148
	JL8-RR1	2709		284	2993
BLK-15	LL1-JL1	2901		284	3185
	JL1-JL2	16213	1089	1261	18563
	JL2-JL3	2727		221	2948
	JL3-JL4	15354	1202	1151	17707
	JL4-JL5	6333		562	6895
	JL5-JL6	15333	1202	1151	17686
	JL6-JL6A	3425	489	266	4180
	JL6A-JL7	5114		362	5476
	JL7-JL8	16109	1076	1261	18446
	JL8-RR1	2990		284	3274
BLK-16	LL1-JL1	2506		284	2790
	JL1-JL2	14032	981	1267	16280
	JL2-JL3	2373		221	2594
	JL3-JL4	13449	1092	1151	15692
	JL4-JL5	5513		562	6075
	JL5-JL6	13433	1097	1151	15681
	JL6-JL6A	3170	438	266	3874
	JL6A-JL7	4623		384	5007
	JL7-JL8	14362	983	1267	16612
	JL8-RR1	2786		284	3070
BLK-17	LL1-JL1	3075		284	3359
	JL1-JL2	16562	1188	1361	19111
	JL2-JL3	2814		221	3035
	JL3-JL4	15662	1311	1154	18127
	JL4-JL5	6552		562	7114
	JL5-JL6	15626	1308	1154	18088
	JL6-JL6A	3712	542	266	4520
	JL6A-JL7	4960		319	5279

	JL7-JL8	16480	1174	1371	19025
	JL8-RR1	3051		284	3335
BLK-18	LL1-JL1	3132		353	3485
	JL1-JL2	17642	987	2059	20688
	JL2-JL3	2754		291	3045
	JL3-JL4	15848	1009	1575	18432
	JL4-JL5	6433		729	7162
	JL5-JL6	15813	1007	1610	18430
	JL6-JL6A	4761	499	291	5551
	JL6A-JL7	3843		368	4211
	JL7-JL8	17901	979	2194	21074
	JL8-RR1	3231		353	3584
BLK-19	LL1-JL1	2513		353	2866
	JL1-JL2	17136	927	2917	20980
	JL2-JL3	2268		291	2559
	JL3-JL4	14888	1051	1988	17927
	JL4-JL5	5272		729	6001
	JL5-JL6	15005	1039	2000	18044
	JL6-JL7	5320		584	5904
	JL7-JL8	17423	925	3137	21485
	JL8-RR1	2498		353	2851
	BLK-20	LL1-JL1	2300		353	2653
JL1-JL2		18111	873	2789	21773
JL2-JL3		2074		291	2365
JL3-JL4		16489	985	1984	19458
JL4-JL5		4840		729	5569
JL5-JL6		16610	990	2004	19604
JL6-JL7		4096		546	4642
JL7-JL8		18594	877	2995	22466
JL8-RR1		2285		353	2638
BLK-21		LL1-JL1	2400		284	2684
	JL1-JL2	16100	913	1623	18636
	JL2-JL3	2165		221	2386
	JL3-JL4	14079	1029	1474	16582
	JL4-JL5	5028		562	5590
	JL5-JL6	14192	1023	1474	16689
	JL6-JL7	3546		300	3846
	JL7-JL8	16390	910	1739	19039
	JL8-RR1	2383		284	2667
BLK-22	LL1-JL1	2581		284	2865
	JL1-JL2	14744	868	1367	16979
	JL2-JL3	2354		221	2575
	JL3-JL4	12970	892	1315	15177
	JL4-JL5	5497		562	6059
	JL5-JL6	13097	891	1324	15312
	JL6-JL7	2912		221	3133
	JL7-JL8	14984	857	1374	17215
	JL8-RR1	2538		284	2822
BLK-23	LL1-JL1	3195		284	3479
	JL1-JL2	16229	1058	1330	18617
	JL2-JL3	2674		221	2895
	JL3-JL4	15153	1172	1103	17428
	JL4-JL5	6218		562	6780
	JL5-JL6	14923	1171	1103	17197
	JL6-JL7	2662		221	2883
	JL7-JL8	16025	1053	1320	18398
	JL8-RR1	3171		284	3455
BLK-24	LL1-JL1	3016		284	3300
	JL1-JL2	17589	1163	1960	20712
	JL2-JL3	2762		221	2983
	JL3-JL4	15862	1287	1577	18726

	JL4-JL5	6427		562	6989
	JL5-JL6	15635	1284	1563	18482
	JL6-JL7	2750		221	2971
	JL7-JL8	17270	1159	1735	20164
	JL8-RR1	2992		284	3276
BLK-25	LL1-JL1	2939		353	3292
	JL1-JL2	18277	1038	2514	21829
	JL2-JL3	2653		291	2944
	JL3-JL4	17340	1163	2067	20570
	JL4-JL5	6168		729	6897
	JL5-JL6	17104	1162	2019	20285
	JL6-JL7	2640		291	2931
	JL7-JL8	17833	1041	2390	21264
	JL8-RR1	2914		353	3267
BLK-26	LL1-JL1	3082		353	3435
	JL1-JL2	20137	1171	2936	24244
	JL2-JL3	2823		291	3114
	JL3-JL4	20028	1290	2464	23782
	JL4-JL5	6587		737	7324
	JL5-JL6	19440	1286	2285	23011
	JL6-JL7	2813		291	3104
	JL7-JL8	19528	1154	2777	23459
	JL8-RR1	3021		353	3374
BLK-27	LL1-JL1	3095		353	3448
	JL1-JL2	19098	1011	3070	23179
	JL2-JL3	2610		291	2901
	JL3-JL4	19322	1132	2489	22943
	JL4-JL5	6790		812	7602
	JL5-JL6	18930	1130	2439	22499
	JL6-JL7	2606		291	2897
	JL7-JL8	18851	1011	2931	22793
	JL8-RR1	3093		353	3446
BLK-28	LL1-JL1	2566		353	2919
	JL1-JL2	17064	856	2959	20879
	JL2-JL3	2349		291	2640
	JL3-JL4	17054	881	2489	20424
	JL4-JL4A	3792	438	501	4731
	JL4A-JL5	3192		453	3645
	JL5-JL6	16701	880	2474	20055
	JL6-JL7	2347		291	2638
	JL7-JL8	16840	856	2919	20615
	JL8-RR1	2564		353	2917
BLK-29	LL1-JL1	2580		353	2933
	JL1-JL2	17129	951	2702	20782
	JL2-JL3	2332		291	2623
	JL3-JL4	17301	1067	2471	20839
	JL4-JL4A	3981	427	532	4940
	JL4A-JL5	3617		476	4093
	JL5-JL6	16947	1079	2404	20430
	JL6-JL7	2329		291	2620
	JL7-JL8	16914	951	2679	20544
	JL8-RR1	2578		353	2931
BLK-30	LL1-JL1	3057		353	3410
	JL1-JL2	19596	1163	2366	23125
	JL2-JL3	2802		291	3093
	JL3-JL4	19888	1287	2236	23411
	JL4-JL4A	5332	537	612	6481
	JL4A-JL5	4749		596	5345
	JL5-JL6	19655	1283	2216	23154
	JL6-JL7	2799		291	3090
	JL7-JL8	19336	1161	2341	22838

	JL8-RR1	3051		353	3404
BLK-31	LL1-JL1	2924		284	3208
	JL1-JL2	17672	1047	1610	20329
	JL2-JL3	2645		221	2866
	JL3-JL4	17695	1163	1612	20470
	JL4-JL4A	5443	472	538	6453
	JL4A-JL5	5070		492	5562
	JL5-JL6	17464	1160	1584	20208
	JL6-JL7	2636		221	2857
	JL7-JL8	17518	1047	1592	20157
	JL8-RR1	2918		284	3202
BLK-32	LL1-JL1	3313		284	3597
	JL1-JL2	17266	1169	1250	19685
	JL2-JL3	2798		221	3019
	JL3-JL4	16111	1287	1276	18674
	JL4-JL4A	6409	532	563	7504
	JL4A-JL5	5170		457	5627
	JL5-JL6	15863	1281	1267	18411
	JL6-JL7	2785		221	3006
	JL7-JL8	17075	1167	1237	19479
	JL8-RR1	3299		284	3583
BLK-33	LL1-JL1	3200			3200
	JL1-JL2	17618	1021		18639
	JL2-JL3	3502			3502
	JL3-JL4	16571	1108		17679
	JL4-JL4A	7066	467		7533
	JL4A-JL5	5778			5778
	JL5-JL6	16415	1105		17520
	JL6-JL7	3472			3472
	JL7-JL8	17245	1008		18253
	JL8-RR1	3124			3124
Total					3342592

Cross Girder

(Unit : kg)

		Main Unit	Horizontal Splice	Subtotal
S1	JL2-JL3	202	34	236
	JL4-JL5	446	91	537
	JL6-JL7	1217	227	1444
S2	JL2-JL3	222	34	256
	JL4-JL5	878	158	1036
	JL6-JL7	219	34	253
P6	JL2-JL3	199	34	233
	JL4-JL5	510	91	601
	JL6-JL7	868	150	1018
P7	JL2-JL3	199	34	233
	JL4-JL5	510	91	601
	JL6-JL7	423	72	495
C1	JL2-JL3	215	34	249
	JL4-JL5	510	91	601
	JL6-JL7	1308	214	1522
C2	JL2-JL3	215	34	249
	JL4-JL5	510	91	601
	JL6-JL7	1225	209	1434
C3	JL2-JL3	215	34	249
	JL4-JL5	510	91	601
	JL6-JL7	1151	194	1345
C4	JL2-JL3	215	34	249
	JL4-JL5	510	91	601
	JL6-JL7	1055	194	1249
C5	JL2-JL3	215	34	249
	JL4-JL5	510	91	601
	JL6-JL7	1022	165	1187
C6	JL2-JL3	215	34	249
	JL4-JL5	510	91	601
	JL6-JL7	956	154	1110
C7	JL2-JL3	215	34	249
	JL4-JL5	510	91	601
	JL6-JL7	910	148	1058
C8	JL2-JL3	215	34	249
	JL4-JL5	510	91	601
	JL6-JL7	846	144	990
C9	JL2-JL3	215	34	249
	JL4-JL5	510	91	601
	JL6-JL7	824	140	964
C10	JL2-JL3	215	34	249
	JL4-JL5	510	91	601
	JL6-JL7	811	137	948
C11	JL2-JL3	215	34	249
	JL4-JL5	510	91	601
	JL6-JL7	803	136	939
C12	JL2-JL3	215	34	249
	JL4-JL5	510	91	601
	JL6-JL7	785	132	917
C13	JL2-JL3	215	34	249
	JL4-JL5	510	91	601
	JL6-JL7	606	109	715
C14	JL2-JL3	215	34	249
	JL4-JL5	510	91	601
	JL6-JL7	500	95	595
C15	JL2-JL3	215	34	249
	JL4-JL5	510	91	601
	JL6-JL7	268	49	317
C16	JL2-JL3	215	34	249

	JL4-JL5	510	91	601
	JL6-JL7	198	34	232
C17	JL2-JL3	215	34	249
	JL4-JL5	510	91	601
	JL6-JL7	198	34	232
C18	JL2-JL3	215	34	249
	JL4-JL5	510	91	601
	JL6-JL7	198	34	232
C19	JL2-JL3	215	34	249
	JL4-JL5	510	91	601
	JL6-JL7	216	34	250
C20	JL2-JL3	215	34	249
	JL4-JL5	560	150	710
	JL6-JL7	216	34	250
C21	JL2-JL3	215	34	249
	JL4-JL5	653	107	760
	JL6-JL7	216	34	250
C22	JL2-JL3	215	34	249
	JL4-JL5	735	124	859
	JL6-JL7	216	34	250
C23	JL2-JL3	215	34	249
	JL4-JL5	819	141	960
	JL6-JL7	216	34	250
C24	JL2-JL3	215	34	249
	JL4-JL5	894	155	1049
	JL6-JL7	216	34	250
Total				46162

Calculation of Steel Weight

(Unit: mm,kg)

APPROACH BRIDGE DECK PL LL1-JL1 GE1-J1										
Q'ty	Item	Category	Dimension of Section	Length	Unit Weight	Piece Weight	Weight	Grade	Net	Remarks
1	DECK	PL	1174* 16	1120	125.6	165	165	SM400A		
1	DECK	PL	1174* 16	7330	125.6	1081	1081	SM400A		
3	RIB1	PL	750* 24	8329	188.4	530	1590	SM400A	45	
1	END	PL	260* 10	1120	78.50	22.9	23	SM400A		
1	ST-W	PL	900* 9	8415	70.65	268	268	SM400A	50	
1	ST-F	PL	100* 10	8461	78.50	66.4	66	SM400A		
1	COV	PL	250* 19	362	149.2	13.5	14	SS400		DRAINAGE
2		PL	50* 19	362	149.2	2.70	5	SM400A		
2		PL	50* 19	288	149.2	2.15	4	SM400A		
1		PL	308* 16	420	125.6	16.3	16	SM400A		
1	DOUBL	PL	588* 16	700	125.6	51.7	52	SM400A		
1		PL	210* 16	250	125.6	6.59	7	SM400A		
2		PL	165* 10	229	78.50	2.97	6	SM400A		
2		PL	157* 10	322	78.50	3.97	8	SM400A		
6		PL	25* 10	30	78.50	0.0589	1	SM400A		
1		チェーン	5* 18* 42*250			0.1	1	SUS304		
1	PIPE	STK	165.2* 4.5	530	17.80	9.43	9	STK400		HDG
							GE1-J1 3316 kg			

APPROACH BRIDGE DECK PL LL1-JL1 J1-J2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1175* 16	8319	125.6	1228	1228	SM400A		
3	RIB1	PL	250* 24	8296	188.4	391	1173	SM400A		
1	ST-W	PL	400* 9	8317	70.65	235	235	SM400A		
1	ST-F	PL	100* 10	8309	78.50	65.2	65	SM400A		
1	K-DECK	PL	550* 16	1700	125.6	117	117	SM400A		LIGHTING POST
1	K-WEB	PL	284* 12	2138	94.20	57.2	57	SM400A		
2	K-RIB	PL	287* 12	559	94.20	15.1	30	SM400A		
1	K-RIB	PL	364* 12	559	94.20	19.2	19	SM400A		
1	K-FLG	PL	200* 12	474	94.20	8.93	9	SM400A		
							J1-J2 2933 kg			

APPROACH BRIDGE DECK PL LL1-JL1 J2-J3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1174* 16	8357	125.6	1232	1232	SM400A		
3	RIB1	PL	250* 24	8334	188.4	393	1179	SM400A		
1	ST-W	PL	400* 9	8355	70.65	236	236	SM400A		

Calculation of Steel Weight

(Unit : mm,kg)

1	ST-F	PL	100* 10	8347	78.50	65.5	66	SM400A		
1	COV	PL	250* 19	362	149.2	13.5	14	SS400		DRAINAGE
2		PL	50* 19	362	149.2	2.70	5	SM400A		
2		PL	50* 19	288	149.2	2.15	4	SM400A		
1		PL	308* 16	420	125.6	16.3	16	SM400A		
1	DOUBL	PL	588* 16	700	125.6	51.7	52	SM400A		
1		PL	210* 16	250	125.6	6.59	7	SM400A		
2		PL	165* 10	229	78.50	2.97	6	SM400A		
2		PL	157* 10	322	78.50	3.97	8	SM400A		
6		PL	25* 10	30	78.50	0.0589	1	SM400A		
1		チェーン	5* 18* 42*250			0.1	1	SUS304		
1	PIPE	STK	165.2* 4.5	530	17.80	9.43	9	STK400		HDG
							J2-J3		2836 kg	

APPROACH BRIDGE DECK PL LL1-JL1 J3-J4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1175* 16	8307	125.6	1226	1226	SM400A		
3	RIB1	PL	250* 24	8283	188.4	390	1170	SM400A		
1	ST-W	PL	400* 9	8304	70.65	235	235	SM400A		
1	ST-F	PL	100* 10	8297	78.50	65.1	65	SM400A		
							J3-J4		2696 kg	

APPROACH BRIDGE DECK PL LL1-JL1 J4-J5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1174* 16	8407	125.6	1240	1240	SM400A		
3	RIB1	PL	250* 24	8384	188.4	395	1185	SM400A		
1	ST-W	PL	400* 9	8404	70.65	238	238	SM400A		
1	ST-F	PL	100* 10	8397	78.50	65.9	66	SM400A		
1	COV	PL	250* 19	362	149.2	13.5	14	SS400		DRAINAGE
2		PL	50* 19	362	149.2	2.70	5	SM400A		
2		PL	50* 19	288	149.2	2.15	4	SM400A		
1		PL	308* 16	420	125.6	16.3	16	SM400A		
1	DOUBL	PL	588* 16	700	125.6	51.7	52	SM400A		
1		PL	210* 16	250	125.6	6.59	7	SM400A		
2		PL	165* 10	229	78.50	2.97	6	SM400A		
2		PL	157* 10	322	78.50	3.97	8	SM400A		
6		PL	25* 10	30	78.50	0.0589	1	SM400A		
1		チェーン	5* 18* 42*250			0.1	1	SUS304		
1	PIPE	STK	165.2* 4.5	530	17.80	9.43	9	STK400		HDG

Calculation of Steel Weight

(Unit : mm,kg)

J4-J5	2852 kg
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APPROACH BRIDGE DECK PL LL1-JL1 J5-J6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1175* 16	8357	125.6	1233	1233	SM400A		
3	RIB1	PL	250* 24	8333	188.4	392	1176	SM400A		
1	ST-W	PL	400* 9	8354	70.65	236	236	SM400A		
1	ST-F	PL	100* 10	8347	78.50	65.5	66	SM400A		
1	K-DECK	PL	550* 16	1700	125.6	117	117	SM400A		LIGHTING POST
1	K-WEB	PL	284* 12	2138	94.20	57.2	57	SM400A		
2	K-RIB	PL	287* 12	559	94.20	15.1	30	SM400A		
1	K-RIB	PL	364* 12	559	94.20	19.2	19	SM400A		
1	K-FLG	PL	200* 12	474	94.20	8.93	9	SM400A		
						J5-J6				
						2943 kg				

APPROACH BRIDGE DECK PL LL1-JL1 J6-J7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1174* 16	8357	125.6	1232	1232	SM400A		
3	RIB1	PL	250* 24	8333	188.4	392	1176	SM400A		
1	ST-W	PL	400* 9	8353	70.65	236	236	SM400A		
1	ST-F	PL	100* 10	8347	78.50	65.5	66	SM400A		
						J6-J7				
						2710 kg				

APPROACH BRIDGE DECK PL LL1-JL1 J7-J8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1175* 16	8357	125.6	1233	1233	SM400A		
3	RIB1	PL	250* 24	8333	188.4	392	1176	SM400A		
1	ST-W	PL	400* 9	8353	70.65	236	236	SM400A		
1	ST-F	PL	100* 10	8346	78.50	65.5	66	SM400A		
1	COV	PL	250* 19	362	149.2	13.5	14	SS400		DRAINAGE
2		PL	50* 19	362	149.2	2.70	5	SM400A		
2		PL	50* 19	288	149.2	2.15	4	SM400A		
1		PL	308* 16	420	125.6	16.3	16	SM400A		
1	DOUBL	PL	588* 16	700	125.6	51.7	52	SM400A		
1		PL	210* 16	250	125.6	6.59	7	SM400A		
2		PL	165* 10	229	78.50	2.97	6	SM400A		
2		PL	157* 10	322	78.50	3.97	8	SM400A		
6		PL	25* 10	30	78.50	0.0589	1	SM400A		
1		チェーン	5* 18* 42*250			0.1	1	SUS304		

Calculation of Steel Weight

(Unit : mm,kg)

1	PIPE	STK	165.2* 4.5	530	17.80	9.43	9	STK400		HDG	
							J7-J8		2834 kg		

APPROACH BRIDGE DECK PL LL1-JL1 J8-J9										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1173* 16	7025	125.6	1035	1035	SM400A		
3	RIB1	PL	250* 24	7002	188.4	330	990	SM400A		
1	ST-W	PL	400* 9	7021	70.65	198	198	SM400A		
1	ST-F	PL	100* 10	7014	78.50	55.1	55	SM400A		
							J8-J9		2278 kg	

APPROACH BRIDGE DECK PL LL1-JL1 J9-J10										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1172* 16	5890	125.6	867	867	SM490YA		
3	RIB1	PL	250* 24	5868	188.4	276	828	SM490YB		
1	ST-W	PL	400* 9	5886	70.65	166	166	SM400A		
1	ST-F	PL	100* 10	5880	78.50	46.2	46	SM400A		
1	K-DECK	PL	550* 16	1700	125.6	117	117	SM400A		LIGHTING POST
1	K-WEB	PL	284* 12	2138	94.20	57.2	57	SM400A		
2	K-RIB	PL	287* 12	559	94.20	15.1	30	SM400A		
1	K-RIB	PL	364* 12	559	94.20	19.2	19	SM400A		
1	K-FLG	PL	200* 12	474	94.20	8.93	9	SM400A		
1	COV	PL	250* 19	362	149.2	13.5	14	SS400		DRAINAGE
2		PL	50* 19	362	149.2	2.70	5	SM400A		
2		PL	50* 19	288	149.2	2.15	4	SM400A		
1		PL	308* 16	420	125.6	16.3	16	SM400A		
1	DOUBL	PL	588* 16	700	125.6	51.7	52	SM400A		
1		PL	210* 16	250	125.6	6.59	7	SM400A		
2		PL	165* 10	229	78.50	2.97	6	SM400A		
2		PL	157* 10	322	78.50	3.97	8	SM400A		
6		PL	25* 10	30	78.50	0.0589	1	SM400A		
1		チェーン	5* 18* 42*250			0.1	1	SUS304		
1	PIPE	STK	165.2* 4.5	530	17.80	9.43	9	STK400		HDG
							J9-J10		2262 kg	

APPROACH BRIDGE DECK PL LL1-JL1 J10-J11										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1173* 16	7134	125.6	1051	1051	SM400A		

Calculation of Steel Weight

(Unit : mm,kg)

3	RIB1	PL	250* 24	7111	188.4	335	1005	SM400A		
1	ST-W	PL	400* 9	7130	70.65	201	201	SM400A		
1	ST-F	PL	100* 10	7124	78.50	55.9	56	SM400A		
J10-J11							2313 kg			

APPROACH BRIDGE DECK PL LL1-JL1 J11-J12										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1175* 16	8444	125.6	1246	1246	SM400A		
3	RIB1	PL	250* 24	8421	188.4	397	1191	SM400A		
1	ST-W	PL	400* 9	8440	70.65	239	239	SM400A		
1	ST-F	PL	100* 10	8434	78.50	66.2	66	SM400A		
1	COV	PL	250* 19	362	149.2	13.5	14	SS400		DRAINAGE
2		PL	50* 19	362	149.2	2.70	5	SM400A		
2		PL	50* 19	288	149.2	2.15	4	SM400A		
1		PL	308* 16	420	125.6	16.3	16	SM400A		
1	DOUBL	PL	588* 16	700	125.6	51.7	52	SM400A		
1		PL	210* 16	250	125.6	6.59	7	SM400A		
2		PL	165* 10	229	78.50	2.97	6	SM400A		
2		PL	157* 10	322	78.50	3.97	8	SM400A		
6		PL	25* 10	30	78.50	0.0589	1	SM400A		
1		チエ-ン	5* 18* 42*250			0.1	1	SUS304		
1	PIPE	STK	165.2* 4.5	530	17.80	9.43	9	STK400		HDG
J11-J12							2865 kg			

APPROACH BRIDGE DECK PL LL1-JL1 J12-J13										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1174* 16	8444	125.6	1245	1245	SM400A		
3	RIB1	PL	250* 24	8421	188.4	397	1191	SM400A		
1	ST-W	PL	400* 9	8439	70.65	239	239	SM400A		
1	ST-F	PL	100* 10	8434	78.50	66.2	66	SM400A		
J12-J13							2741 kg			

APPROACH BRIDGE DECK PL LL1-JL1 J13-J14										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1173* 16	7238	125.6	1066	1066	SM400A		
3	RIB1	PL	250* 24	7215	188.4	340	1020	SM400A		
1	ST-W	PL	400* 9	7233	70.65	204	204	SM400A		
1	ST-F	PL	100* 10	7228	78.50	56.7	57	SM400A		

Calculation of Steel Weight

(Unit : mm,kg)

1	K-DECK	PL	550* 16	1700	125.6	117	117	SM400A		LIGHTING POST
1	K-WEB	PL	284* 12	2138	94.20	57.2	57	SM400A		
2	K-RIB	PL	287* 12	559	94.20	15.1	30	SM400A		
1	K-RIB	PL	364* 12	559	94.20	19.2	19	SM400A		
1	K-FLG	PL	200* 12	474	94.20	8.93	9	SM400A		
1	COV	PL	250* 19	362	149.2	13.5	14	SS400		DRAINAGE
2		PL	50* 19	362	149.2	2.70	5	SM400A		
2		PL	50* 19	288	149.2	2.15	4	SM400A		
1		PL	308* 16	420	125.6	16.3	16	SM400A		
1	DOUBL	PL	588* 16	700	125.6	51.7	52	SM400A		
1		PL	210* 16	250	125.6	6.59	7	SM400A		
2		PL	165* 10	229	78.50	2.97	6	SM400A		
2		PL	157* 10	322	78.50	3.97	8	SM400A		
6		PL	25* 10	30	78.50	0.0589	1	SM400A		
1		チエーン	5* 18* 42*250			0.1	1	SUS304		
1	PIPE	STK	165.2* 4.5	530	17.80	9.43	9	STK400		HDG
J13-J14										2702 kg

APPROACH BRIDGE DECK PL LL1-JL1 J14-J15										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1175* 16	8444	125.6	1246	1246	SM400A		
3	RIB1	PL	250* 24	8421	188.4	397	1191	SM400A		
1	ST-W	PL	400* 9	8439	70.65	239	239	SM400A		
1	ST-F	PL	100* 10	8434	78.50	66.2	66	SM400A		
J14-J15										2742 kg

APPROACH BRIDGE DECK PL LL1-JL1 J15-J16										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1173* 16	7238	125.6	1066	1066	SM400A		
3	RIB1	PL	250* 24	7215	188.4	340	1020	SM400A		
1	ST-W	PL	400* 9	7232	70.65	204	204	SM400A		
1	ST-F	PL	100* 10	7228	78.50	56.7	57	SM400A		
J15-J16										2347 kg

APPROACH BRIDGE DECK PL LL1-JL1 J16-J17										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1174* 16	8444	125.6	1245	1245	SM400A		
3	RIB1	PL	250* 24	8421	188.4	397	1191	SM400A		

Calculation of Steel Weight

(Unit : mm,kg)

1	ST-W	PL	400* 9	8438	70.65	238	238	SM400A		
1	ST-F	PL	100* 10	8434	78.50	66.2	66	SM400A		
1	COV	PL	250* 19	362	149.2	13.5	14	SS400		DRAINAGE
2		PL	50* 19	362	149.2	2.70	5	SM400A		
2		PL	50* 19	288	149.2	2.15	4	SM400A		
1		PL	308* 16	420	125.6	16.3	16	SM400A		
1	DOUBL	PL	588* 16	700	125.6	51.7	52	SM400A		
1		PL	210* 16	250	125.6	6.59	7	SM400A		
2		PL	165* 10	229	78.50	2.97	6	SM400A		
2		PL	157* 10	322	78.50	3.97	8	SM400A		
6		PL	25* 10	30	78.50	0.0589	1	SM400A		
1		チェーン	5* 18* 42*250			0.1	1	SUS304		
1	PIPE	STK	165.2* 4.5	530	17.80	9.43	9	STK400		HDG
J16-J17							2863 kg			

APPROACH BRIDGE DECK PL LL1-JL1 J17-J18

Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1175* 16	8444	125.6	1246	1246	SM490YA		
3	RIB1	PL	250* 24	8421	188.4	397	1191	SM490YB		
1	ST-W	PL	400* 9	8438	70.65	238	238	SM400A		
1	ST-F	PL	100* 10	8434	78.50	66.2	66	SM400A		
1	K-DECK	PL	550* 16	1700	125.6	117	117	SM400A		LIGHTING POST
1	K-WEB	PL	284* 12	2138	94.20	57.2	57	SM400A		
2	K-RIB	PL	287* 12	559	94.20	15.1	30	SM400A		
1	K-RIB	PL	364* 12	559	94.20	19.2	19	SM400A		
1	K-FLG	PL	200* 12	474	94.20	8.93	9	SM400A		
J17-J18							2973 kg			

APPROACH BRIDGE DECK PL LL1-JL1 J18-J19

Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1173* 16	6883	125.6	1014	1014	SM490YA		
3	RIB1	PL	250* 24	6860	188.4	323	969	SM490YB		
1	ST-W	PL	400* 9	6877	70.65	194	194	SM400A		
1	ST-F	PL	100* 10	6873	78.50	54.0	54	SM400A		
1	COV	PL	250* 19	362	149.2	13.5	14	SS400		DRAINAGE
2		PL	50* 19	362	149.2	2.70	5	SM400A		
2		PL	50* 19	288	149.2	2.15	4	SM400A		
1		PL	308* 16	420	125.6	16.3	16	SM400A		
1	DOUBL	PL	588* 16	700	125.6	51.7	52	SM400A		
1		PL	210* 16	250	125.6	6.59	7	SM400A		

Calculation of Steel Weight

(Unit : mm,kg)

2		PL	165* 10	229	78.50	2.97	6	SM400A		
2		PL	157* 10	322	78.50	3.97	8	SM400A		
6		PL	25* 10	30	78.50	0.0589	1	SM400A		
1		チェーン	5* 18* 42*250			0.1	1	SUS304		
1	PIPE	STK	165.2* 4.5	530	17.80	9.43	9	STK400		HDG
J18-J19										2354 kg

APPROACH BRIDGE DECK PL LL1-JL1 J19-J20										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1173* 16	6226	125.6	917	917	SM490YA		
3	RIB1	PL	250* 24	6203	188.4	292	876	SM490YB		
1	ST-W	PL	400* 9	6220	70.65	176	176	SM400A		
1	ST-F	PL	100* 10	6216	78.50	48.8	49	SM400A		
1	COV	PL	250* 19	362	149.2	13.5	14	SS400		DRAINAGE
2		PL	50* 19	362	149.2	2.70	5	SM400A		
2		PL	50* 19	288	149.2	2.15	4	SM400A		
1		PL	308* 16	420	125.6	16.3	16	SM400A		
1	DOUBL	PL	588* 16	700	125.6	51.7	52	SM400A		
1		PL	210* 16	250	125.6	6.59	7	SM400A		
2		PL	165* 10	229	78.50	2.97	6	SM400A		
2		PL	157* 10	322	78.50	3.97	8	SM400A		
6		PL	25* 10	30	78.50	0.0589	1	SM400A		
1		チェーン	5* 18* 42*250			0.1	1	SUS304		
1	PIPE	STK	165.2* 4.5	530	17.80	9.43	9	STK400		HDG
J19-J20										2141 kg

APPROACH BRIDGE DECK PL LL1-JL1 J20-J21										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1173* 16	6530	125.6	962	962	SM490YA		
3	RIB1	PL	250* 24	6508	188.4	307	921	SM490YB		
1	ST-W	PL	400* 9	6524	70.65	184	184	SM400A		
1	ST-F	PL	100* 10	6520	78.50	51.2	51	SM400A		
1	COV	PL	250* 19	362	149.2	13.5	14	SS400		DRAINAGE
2		PL	50* 19	362	149.2	2.70	5	SM400A		
2		PL	50* 19	288	149.2	2.15	4	SM400A		
1		PL	308* 16	420	125.6	16.3	16	SM400A		
1	DOUBL	PL	588* 16	700	125.6	51.7	52	SM400A		
1		PL	210* 16	250	125.6	6.59	7	SM400A		
2		PL	165* 10	229	78.50	2.97	6	SM400A		
2		PL	157* 10	322	78.50	3.97	8	SM400A		

Calculation of Steel Weight

(Unit : mm,kg)

6		PL	25* 10	30	78.50	0.0589	1	SM400A		
1		チエーン	5* 18* 42*250			0.1	1	SUS304		
1	PIPE	STK	165.2* 4.5	530	17.80	9.43	9	STK400		HDG
J20-J21							2241 kg			

APPROACH BRIDGE DECK PL LL1-JL1 J21-J22										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1173* 16	7087	125.6	1044	1044	SM400A		
3	RIB1	PL	250* 24	7064	188.4	333	999	SM400A		
1	ST-W	PL	400* 9	7080	70.65	200	200	SM400A		
1	ST-F	PL	100* 10	7077	78.50	55.6	56	SM400A		
1	COV	PL	250* 19	362	149.2	13.5	14	SS400		DRAINAGE
2		PL	50* 19	362	149.2	2.70	5	SM400A		
2		PL	50* 19	288	149.2	2.15	4	SM400A		
1		PL	308* 16	420	125.6	16.3	16	SM400A		
1	DOUBL	PL	588* 16	700	125.6	51.7	52	SM400A		
1		PL	210* 16	250	125.6	6.59	7	SM400A		
2		PL	165* 10	229	78.50	2.97	6	SM400A		
2		PL	157* 10	322	78.50	3.97	8	SM400A		
6		PL	25* 10	30	78.50	0.0589	1	SM400A		
1		チエーン	5* 18* 42*250			0.1	1	SUS304		
1	PIPE	STK	165.2* 4.5	530	17.80	9.43	9	STK400		HDG
J21-J22							2422 kg			

APPROACH BRIDGE DECK PL LL1-JL1 J22-J23										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1174* 16	8268	125.6	1219	1219	SM400A		
3	RIB1	PL	250* 24	8244	188.4	388	1164	SM400A		
1	ST-W	PL	400* 9	8261	70.65	233	233	SM400A		
1	ST-F	PL	100* 10	8258	78.50	64.8	65	SM400A		
1	K-DECK	PL	550* 16	1700	125.6	117	117	SM400A		LIGHTING POST
1	K-WEB	PL	284* 12	2138	94.20	57.2	57	SM400A		
2	K-RIB	PL	287* 12	559	94.20	15.1	30	SM400A		
1	K-RIB	PL	364* 12	559	94.20	19.2	19	SM400A		
1	K-FLG	PL	200* 12	474	94.20	8.93	9	SM400A		
1	COV	PL	250* 19	362	149.2	13.5	14	SS400		DRAINAGE
2		PL	50* 19	362	149.2	2.70	5	SM400A		
2		PL	50* 19	288	149.2	2.15	4	SM400A		
1		PL	308* 16	420	125.6	16.3	16	SM400A		
1	DOUBL	PL	588* 16	700	125.6	51.7	52	SM400A		

Calculation of Steel Weight

(Unit : mm,kg)

1		PL	210* 16	250	125.6	6.59	7	SM400A		
2		PL	165* 10	229	78.50	2.97	6	SM400A		
2		PL	157* 10	322	78.50	3.97	8	SM400A		
6		PL	25* 10	30	78.50	0.0589	1	SM400A		
1		チェーン	5* 18* 42*250			0.1	1	SUS304		
1	PIPE	STK	165.2* 4.5	530	17.80	9.43	9	STK400		HDG
J22-J23										
								3036 kg		

APPROACH BRIDGE DECK PL LL1-JL1 J23-J24										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1174* 16	8268	125.6	1219	1219	SM400A		
3	RIB1	PL	250* 24	8244	188.4	388	1164	SM400A		
1	ST-W	PL	400* 9	8261	70.65	233	233	SM400A		
1	ST-F	PL	100* 10	8258	78.50	64.8	65	SM400A		
1	COV	PL	250* 19	362	149.2	13.5	14	SS400		DRAINAGE
2		PL	50* 19	362	149.2	2.70	5	SM400A		
2		PL	50* 19	288	149.2	2.15	4	SM400A		
1		PL	308* 16	420	125.6	16.3	16	SM400A		
1	DOUBL	PL	588* 16	700	125.6	51.7	52	SM400A		
1		PL	210* 16	250	125.6	6.59	7	SM400A		
2		PL	165* 10	229	78.50	2.97	6	SM400A		
2		PL	157* 10	322	78.50	3.97	8	SM400A		
6		PL	25* 10	30	78.50	0.0589	1	SM400A		
1		チェーン	5* 18* 42*250			0.1	1	SUS304		
1	PIPE	STK	165.2* 4.5	530	17.80	9.43	9	STK400		HDG
J23-J24										
								2804 kg		

APPROACH BRIDGE DECK PL LL1-JL1 J24-J25										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1174* 16	8187	125.6	1207	1207	SM400A		
3	RIB1	PL	250* 24	8164	188.4	385	1155	SM400A		
1	ST-W	PL	400* 9	8180	70.65	231	231	SM400A		
1	ST-F	PL	100* 10	8177	78.50	64.2	64	SM400A		
1	COV	PL	250* 19	362	149.2	13.5	14	SS400		DRAINAGE
2		PL	50* 19	362	149.2	2.70	5	SM400A		
2		PL	50* 19	288	149.2	2.15	4	SM400A		
1		PL	308* 16	420	125.6	16.3	16	SM400A		
1	DOUBL	PL	588* 16	700	125.6	51.7	52	SM400A		
1		PL	210* 16	250	125.6	6.59	7	SM400A		
2		PL	165* 10	229	78.50	2.97	6	SM400A		

Calculation of Steel Weight

(Unit : mm,kg)

2		PL	157* 10	322	78.50	3.97	8	SM400A		
6		PL	25* 10	30	78.50	0.0589	1	SM400A		
1		チェーン	5* 18* 42*250			0.1	1	SUS304		
1	PIPE	STK	165.2* 4.5	530	17.80	9.43	9	STK400		HDG
J24-J25							2780 kg			

APPROACH BRIDGE DECK PL LL1-JL1 J25-J26										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1185* 16	8432	125.6	1255	1255	SM490YA		
3	RIB1	PL	250* 24	8408	188.4	396	1188	SM490YB		
1	ST-W	PL	400* 9	8424	70.65	238	238	SM400A		
1	ST-F	PL	100* 10	8422	78.50	66.1	66	SM400A		
1	COV	PL	250* 19	362	149.2	13.5	14	SS400		DRAINAGE
2		PL	50* 19	362	149.2	2.70	5	SM400A		
2		PL	50* 19	288	149.2	2.15	4	SM400A		
1		PL	308* 16	420	125.6	16.3	16	SM400A		
1	DOUBL	PL	588* 16	700	125.6	51.7	52	SM400A		
1		PL	210* 16	250	125.6	6.59	7	SM400A		
2		PL	165* 10	229	78.50	2.97	6	SM400A		
2		PL	157* 10	322	78.50	3.97	8	SM400A		
6		PL	25* 10	30	78.50	0.0589	1	SM400A		
1		チェーン	5* 18* 42*250			0.1	1	SUS304		
1	PIPE	STK	165.2* 4.5	530	17.80	9.43	9	STK400		HDG
J25-J26							2870 kg			

APPROACH BRIDGE DECK PL LL1-JL1 J26-J27										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1185* 16	7925	125.6	1180	1180	SM490YA		
3	RIB1	PL	250* 24	7898	188.4	372	1116	SM490YB		
1	ST-W	PL	400* 9	7901	70.65	223	223	SM400A		
1	ST-F	PL	100* 10	7899	78.50	62.0	62	SM400A		
1	K-DECK	PL	550* 16	1700	125.6	117	117	SM400A		LIGHTING POST
1	K-WEB	PL	284* 12	2138	94.20	57.2	57	SM400A		
2	K-RIB	PL	287* 12	559	94.20	15.1	30	SM400A		
1	K-RIB	PL	364* 12	559	94.20	19.2	19	SM400A		
1	K-FLG	PL	200* 12	474	94.20	8.93	9	SM400A		
1	COV	PL	250* 19	362	149.2	13.5	14	SS400		DRAINAGE
2		PL	50* 19	362	149.2	2.70	5	SM400A		
2		PL	50* 19	288	149.2	2.15	4	SM400A		
1		PL	308* 16	420	125.6	16.3	16	SM400A		

Calculation of Steel Weight

(Unit: mm,kg)

1	DOUBL	PL	588* 16	700	125.6	51.7	52	SM400A		
1		PL	210* 16	250	125.6	6.59	7	SM400A		
2		PL	165* 10	229	78.50	2.97	6	SM400A		
2		PL	157* 10	322	78.50	3.97	8	SM400A		
6		PL	25* 10	30	78.50	0.0589	1	SM400A		
1		チェーン	5* 18* 42*250			0.1	1	SUS304		
1	PIPE	STK	165.2* 4.5	530	17.80	9.43	9	STK400		HDG
J26-J27							2936 kg			

APPROACH BRIDGE DECK PL LL1-JL1 J27-J28										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1170* 16	7058	125.6	1037	1037	SM490YA		
3	RIB1	PL	250* 24	7037	188.4	331	993	SM490YB		
1	ST-W	PL	400* 9	7050	70.65	199	199	SM400A		
1	ST-F	PL	100* 10	7048	78.50	55.3	55	SM400A		
1	COV	PL	250* 19	362	149.2	13.5	14	SS400		DRAINAGE
2		PL	50* 19	362	149.2	2.70	5	SM400A		
2		PL	50* 19	288	149.2	2.15	4	SM400A		
1		PL	308* 16	420	125.6	16.3	16	SM400A		
1	DOUBL	PL	588* 16	700	125.6	51.7	52	SM400A		
1		PL	210* 16	250	125.6	6.59	7	SM400A		
2		PL	165* 10	229	78.50	2.97	6	SM400A		
2		PL	157* 10	322	78.50	3.97	8	SM400A		
6		PL	25* 10	30	78.50	0.0589	1	SM400A		
1		チェーン	5* 18* 42*250			0.1	1	SUS304		
1	PIPE	STK	165.2* 4.5	530	17.80	9.43	9	STK400		HDG
J27-J28							2407 kg			

APPROACH BRIDGE DECK PL LL1-JL1 J28-J29										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1170* 16	7099	125.6	1043	1043	SM490YA		
3	RIB1	PL	250* 24	7078	188.4	333	999	SM490YB		
1	ST-W	PL	400* 9	7091	70.65	200	200	SM400A		
1	ST-F	PL	100* 10	7089	78.50	55.6	56	SM400A		
1	COV	PL	250* 19	362	149.2	13.5	14	SS400		DRAINAGE
2		PL	50* 19	362	149.2	2.70	5	SM400A		
2		PL	50* 19	288	149.2	2.15	4	SM400A		
1		PL	308* 16	420	125.6	16.3	16	SM400A		
1	DOUBL	PL	588* 16	700	125.6	51.7	52	SM400A		
1		PL	210* 16	250	125.6	6.59	7	SM400A		

Calculation of Steel Weight

(Unit: mm,kg)

2		PL	165* 10	229	78.50	2.97	6	SM400A		
2		PL	157* 10	322	78.50	3.97	8	SM400A		
6		PL	25* 10	30	78.50	0.0589	1	SM400A		
1		チェーン	5* 18* 42*250			0.1	1	SUS304		
1	PIPE	STK	165.2* 4.5	530	17.80	9.43	9	STK400		HDG
J28-J29										
2421 kg										

APPROACH BRIDGE DECK PL LL1-JL1 J29-J30										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1170* 16	8397	125.6	1234	1234	SM490YA		
3	RIB1	PL	250* 24	8376	188.4	395	1185	SM490YB		
1	ST-W	PL	400* 9	8388	70.65	237	237	SM400A		
1	ST-F	PL	100* 10	8387	78.50	65.8	66	SM400A		
1	COV	PL	250* 19	362	149.2	13.5	14	SS400		DRAINAGE
2		PL	50* 19	362	149.2	2.70	5	SM400A		
2		PL	50* 19	288	149.2	2.15	4	SM400A		
1		PL	308* 16	420	125.6	16.3	16	SM400A		
1	DOUBL	PL	588* 16	700	125.6	51.7	52	SM400A		
1		PL	210* 16	250	125.6	6.59	7	SM400A		
2		PL	165* 10	229	78.50	2.97	6	SM400A		
2		PL	157* 10	322	78.50	3.97	8	SM400A		
6		PL	25* 10	30	78.50	0.0589	1	SM400A		
1		チェーン	5* 18* 42*250			0.1	1	SUS304		
1	PIPE	STK	165.2* 4.5	530	17.80	9.43	9	STK400		HDG
J29-J30										
2845 kg										

APPROACH BRIDGE DECK PL LL1-JL1 J30-J31										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1170* 16	8159	125.6	1199	1199	SM490YA		
3	RIB1	PL	250* 24	8138	188.4	383	1149	SM490YB		
1	ST-W	PL	400* 9	8150	70.65	230	230	SM400A		
1	ST-F	PL	100* 10	8149	78.50	64.0	64	SM400A		
1	COV	PL	250* 19	362	149.2	13.5	14	SS400		DRAINAGE
2		PL	50* 19	362	149.2	2.70	5	SM400A		
2		PL	50* 19	288	149.2	2.15	4	SM400A		
1		PL	308* 16	420	125.6	16.3	16	SM400A		
1	DOUBL	PL	588* 16	700	125.6	51.7	52	SM400A		
1		PL	210* 16	250	125.6	6.59	7	SM400A		
2		PL	165* 10	229	78.50	2.97	6	SM400A		
2		PL	157* 10	322	78.50	3.97	8	SM400A		

Calculation of Steel Weight

(Unit: mm,kg)

6		PL	25* 10	30	78.50	0.0589	1	SM400A		
1		チェーン	5* 18* 42*250			0.1	1	SUS304		
1	PIPE	STK	165.2* 4.5	530	17.80	9.43	9	STK400		HDG
J30-J31							2765 kg			

APPROACH BRIDGE DECK PL LL1-JL1 J31-J32										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1195* 16	8398	125.6	1261	1261	SM400A		
3	RIB1	PL	250* 24	8362	188.4	394	1182	SM400A		
1	ST-W	PL	400* 9	8388	70.65	237	237	SM400A		
1	ST-F	PL	100* 10	8387	78.50	65.8	66	SM400A		
1	K-DECK	PL	550* 16	1700	125.6	117	117	SM400A		LIGHTING POST
1	K-WEB	PL	284* 12	2138	94.20	57.2	57	SM400A		
2	K-RIB	PL	287* 12	559	94.20	15.1	30	SM400A		
1	K-RIB	PL	364* 12	559	94.20	19.2	19	SM400A		
1	K-FLG	PL	200* 12	474	94.20	8.93	9	SM400A		
1	COV	PL	250* 19	362	149.2	13.5	14	SS400		DRAINAGE
2		PL	50* 19	362	149.2	2.70	5	SM400A		
2		PL	50* 19	288	149.2	2.15	4	SM400A		
1		PL	308* 16	420	125.6	16.3	16	SM400A		
1	DOUBL	PL	588* 16	700	125.6	51.7	52	SM400A		
1		PL	210* 16	250	125.6	6.59	7	SM400A		
2		PL	165* 10	229	78.50	2.97	6	SM400A		
2		PL	157* 10	322	78.50	3.97	8	SM400A		
6		PL	25* 10	30	78.50	0.0589	1	SM400A		
1		チェーン	5* 18* 42*250			0.1	1	SUS304		
1	PIPE	STK	165.2* 4.5	530	17.80	9.43	9	STK400		HDG
J31-J32							3101 kg			

APPROACH BRIDGE DECK PL LL1-JL1 J32-GE2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1183* 16	6265	125.6	931	931	SM400A		
1	DECK	PL	1183* 16	1320	125.6	196	196	SM400A		
3	RIB1	PL	750* 24	7428	188.4	472	1416	SM400A	45	
1	END	PL	260* 10	1120	78.50	22.9	23	SM400A		
1	ST-W	PL	900* 9	7531	70.65	239	239	SM400A	50	
1	ST-F	PL	100* 10	7577	78.50	59.5	60	SM400A		
1	COV	PL	250* 19	362	149.2	13.5	14	SS400		DRAINAGE
2		PL	50* 19	362	149.2	2.70	5	SM400A		
2		PL	50* 19	288	149.2	2.15	4	SM400A		

Calculation of Steel Weight

(Unit : mm,kg)

1		PL	308* 16	420	125.6	16.3	16	SM400A		
1	DOUBL	PL	588* 16	700	125.6	51.7	52	SM400A		
1		PL	210* 16	250	125.6	6.59	7	SM400A		
2		PL	165* 10	229	78.50	2.97	6	SM400A		
2		PL	157* 10	322	78.50	3.97	8	SM400A		
6		PL	25* 10	30	78.50	0.0589	1	SM400A		
1		チエーン	5* 18* 42*250			0.1	1	SUS304		
1	PIPE	STK	165.2* 4.5	530	17.80	9.43	9	STK400		HDG
J32-GE2							2988 kg			
LL1-JL1							89317 kg			

APPROACH BRIDGE DECK PL JL1-JL2 GE1-J1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3365* 16	1120	125.6	473	473	SM400A		
1	DECK	PL	3365* 16	7325	125.6	3096	3096	SM400A		
1	RIB2	PL	250* 24	2330	188.4	110	110	SM400A		
9	RIB2	PL	750* 24	3074	188.4	261	2349	SM400A	60	
5	URIB2	U	320* 240* 8	5240	42.30	222	1110	SM400A		
5	DIA	PL	234* 6	308	47.10	3.39	17	SM400A		
1	END	PL	260* 10	593	78.50	12.1	12	SM400A		
1	END	PL	260* 10	2711	78.50	55.3	55	SM400A		
1	END	PL	260* 10	175	78.50	3.57	4	SM400A		
5	H-RIB	PL	296* 9	320	70.65	6.69	33	SM400A		
5	BACKING	FB	50* 6	654	2.360	1.54	8	SS400		
5	BACKING	FB	50* 6	226	2.360	0.533	3	SS400		
GE1-J1							7270 kg			

APPROACH BRIDGE DECK PL JL1-JL2 J1-J2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3365* 16	8315	125.6	3514	3514	SM400A		
5	URIB2	U	320* 240* 8	8287	42.30	351	1755	SM400A		
10	DIA	PL	234* 6	308	47.10	3.39	34	SM400A		
2	H.H	PL	270* 16	630	125.6	21.4	43	SM400A		
2	H.H	PL	270* 9	450	70.65	8.58	17	SS400		
12	H.H	BN	M 16* 60			0.124	1	SUS304		
J1-J2							5364 kg			

APPROACH BRIDGE DECK PL JL1-JL2 J2-J3										
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Calculation of Steel Weight

(Unit : mm,kg)

Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3365* 16	8352	125.6	3529	3529	SM400A		
5	URIB2	U	320* 240* 8	8325	42.30	352	1760	SM400A		
10	DIA	PL	234* 6	308	47.10	3.39	34	SM400A		
J2-J3							5323 kg			

APPROACH BRIDGE DECK PL JL1-JL2 J3-J4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3365* 16	8302	125.6	3509	3509	SM400A		
5	URIB2	U	320* 240* 8	8274	42.30	350	1750	SM400A		
10	DIA	PL	234* 6	308	47.10	3.39	34	SM400A		
2	H.H	PL	270* 16	630	125.6	21.4	43	SM400A		
2	H.H	PL	270* 9	450	70.65	8.58	17	SS400		
12	H.H	BN	M 16* 60			0.124	1	SUS304		
J3-J4							5354 kg			

APPROACH BRIDGE DECK PL JL1-JL2 J4-J5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3365* 16	8402	125.6	3551	3551	SM400A		
5	URIB2	U	320* 240* 8	8375	42.30	354	1770	SM400A		
10	DIA	PL	234* 6	308	47.10	3.39	34	SM400A		
J4-J5							5355 kg			

APPROACH BRIDGE DECK PL JL1-JL2 J5-J6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3365* 16	8352	125.6	3529	3529	SM400A		
5	URIB2	U	320* 240* 8	8324	42.30	352	1760	SM400A		
10	DIA	PL	234* 6	308	47.10	3.39	34	SM400A		
2	H.H	PL	270* 16	630	125.6	21.4	43	SM400A		
2	H.H	PL	270* 9	450	70.65	8.58	17	SS400		
12	H.H	BN	M 16* 60			0.124	1	SUS304		
J5-J6							5384 kg			

APPROACH BRIDGE DECK PL JL1-JL2 J6-J7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks

Calculation of Steel Weight

(Unit : mm,kg)

1	DECK	PL	3365* 16	8352	125.6	3529	3529	SM400A		
5	URIB2	U	320* 240* 8	8324	42.30	352	1760	SM400A		
10	DIA	PL	234* 6	308	47.10	3.39	34	SM400A		
J6-J7							5323 kg			

APPROACH BRIDGE DECK PL JL1-JL2 J7-J8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3365* 16	8352	125.6	3529	3529	SM400A		
5	URIB2	U	320* 240* 8	8324	42.30	352	1760	SM400A		
10	DIA	PL	234* 6	308	47.10	3.39	34	SM400A		
2	H.H	PL	270* 16	630	125.6	21.4	43	SM400A		
2	H.H	PL	270* 9	450	70.65	8.58	17	SS400		
12	H.H	BN	M 16* 60			0.124	1	SUS304		
J7-J8							5384 kg			

APPROACH BRIDGE DECK PL JL1-JL2 J8-J9										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3364* 16	7020	125.6	2967	2967	SM400A		
5	URIB2	U	320* 240* 8	6994	42.30	296	1480	SM400A		
10	DIA	PL	234* 6	308	47.10	3.39	34	SM400A		
1	H.H	PL	270* 16	630	125.6	21.4	21	SM400A		
1	H.H	PL	270* 9	450	70.65	8.58	9	SS400		
6	H.H	BN	M 16* 60			0.124	1	SUS304		
J8-J9							4512 kg			

APPROACH BRIDGE DECK PL JL1-JL2 J9-J10										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3363* 16	5887	125.6	2487	2487	SM490YA		
5	URIB2	U	320* 240* 8	5861	42.30	248	1240	SM490YA		
10	DIA	PL	234* 6	308	47.10	3.39	34	SM400A		
J9-J10							3761 kg			

APPROACH BRIDGE DECK PL JL1-JL2 J10-J11										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3364* 16	7130	125.6	3013	3013	SM400A		
5	URIB2	U	320* 240* 8	7104	42.30	300	1500	SM400A		

Calculation of Steel Weight

(Unit : mm,kg)

10	DIA	PL	234* 6	308	47.10	3.39	34	SM400A		
1	H.H	PL	270* 16	630	125.6	21.4	21	SM400A		
1	H.H	PL	270* 9	450	70.65	8.58	9	SS400		
6	H.H	BN	M 16* 60			0.124	1	SUS304		
J10-J11							4578 kg			

APPROACH BRIDGE DECK PL JL1-JL2 J11-J12										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3365* 16	8439	125.6	3567	3567	SM400A		
5	URIB2	U	320* 240* 8	8412	42.30	356	1780	SM400A		
10	DIA	PL	234* 6	308	47.10	3.39	34	SM400A		
2	H.H	PL	270* 16	630	125.6	21.4	43	SM400A		
2	H.H	PL	270* 9	450	70.65	8.58	17	SS400		
12	H.H	BN	M 16* 60			0.124	1	SUS304		
J11-J12							5442 kg			

APPROACH BRIDGE DECK PL JL1-JL2 J12-J13										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3365* 16	8439	125.6	3567	3567	SM400A		
5	URIB2	U	320* 240* 8	8412	42.30	356	1780	SM400A		
10	DIA	PL	234* 6	308	47.10	3.39	34	SM400A		
J12-J13							5381 kg			

APPROACH BRIDGE DECK PL JL1-JL2 J13-J14										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3364* 16	7234	125.6	3057	3057	SM400A		
5	URIB2	U	320* 240* 8	7207	42.30	305	1525	SM400A		
10	DIA	PL	234* 6	308	47.10	3.39	34	SM400A		
1	H.H	PL	270* 16	630	125.6	21.4	21	SM400A		
1	H.H	PL	270* 9	450	70.65	8.58	9	SS400		
6	H.H	BN	M 16* 60			0.124	1	SUS304		
J13-J14							4647 kg			

APPROACH BRIDGE DECK PL JL1-JL2 J14-J15										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3365* 16	8439	125.6	3567	3567	SM400A		

Calculation of Steel Weight

(Unit : mm,kg)

5	URIB2	U	320* 240* 8	8412	42.30	356	1780	SM400A		
10	DIA	PL	234* 6	308	47.10	3.39	34	SM400A		
2	H.H	PL	270* 16	630	125.6	21.4	43	SM400A		
2	H.H	PL	270* 9	450	70.65	8.58	17	SS400		
12	H.H	BN	M 16* 60			0.124	1	SUS304		
J14-J15							5442 kg			

APPROACH BRIDGE DECK PL JL1-JL2 J15-J16										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3364* 16	7234	125.6	3057	3057	SM400A		
5	URIB2	U	320* 240* 8	7207	42.30	305	1525	SM400A		
10	DIA	PL	234* 6	308	47.10	3.39	34	SM400A		
1	H.H	PL	270* 16	630	125.6	21.4	21	SM400A		
1	H.H	PL	270* 9	450	70.65	8.58	9	SS400		
6	H.H	BN	M 16* 60			0.124	1	SUS304		
J15-J16							4647 kg			

APPROACH BRIDGE DECK PL JL1-JL2 J16-J17										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3365* 16	8439	125.6	3567	3567	SM400A		
5	URIB2	U	320* 240* 8	8411	42.30	356	1780	SM400A		
10	DIA	PL	234* 6	308	47.10	3.39	34	SM400A		
J16-J17							5381 kg			

APPROACH BRIDGE DECK PL JL1-JL2 J17-J18										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3365* 16	8439	125.6	3567	3567	SM490YA		
5	URIB2	U	320* 240* 8	8411	42.30	356	1780	SM490YA		
10	DIA	PL	234* 6	308	47.10	3.39	34	SM400A		
2	H.H	PL	270* 16	630	125.6	21.4	43	SM400A		
2	H.H	PL	270* 9	450	70.65	8.58	17	SS400		
12	H.H	BN	M 16* 60			0.124	1	SUS304		
J17-J18							5442 kg			

APPROACH BRIDGE DECK PL JL1-JL2 J18-J19										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks

Calculation of Steel Weight

(Unit : mm,kg)

1	DECK	PL	3364* 16	6879	125.6	2906	2906	SM490YA		
5	URIB2	U	320* 240* 8	6853	42.30	290	1450	SM490YA		
10	DIA	PL	234* 6	308	47.10	3.39	34	SM400A		
1	H.H	PL	270* 16	630	125.6	21.4	21	SM400A		
1	H.H	PL	270* 9	450	70.65	8.58	9	SS400		
6	H.H	BN	M 16* 60			0.124	1	SUS304		
J18-J19							4421 kg			

APPROACH BRIDGE DECK PL JL1-JL2 J19-J20										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3363* 16	6222	125.6	2628	2628	SM490YA		
5	URIB2	U	320* 240* 8	6197	42.30	262	1310	SM490YA		
10	DIA	PL	234* 6	308	47.10	3.39	34	SM400A		
J19-J20							3972 kg			

APPROACH BRIDGE DECK PL JL1-JL2 J20-J21										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3363* 16	6527	125.6	2757	2757	SM490YA		
5	URIB2	U	320* 240* 8	6501	42.30	275	1375	SM490YA		
10	DIA	PL	234* 6	308	47.10	3.39	34	SM400A		
1	H.H	PL	270* 16	630	125.6	21.4	21	SM400A		
1	H.H	PL	270* 9	450	70.65	8.58	9	SS400		
6	H.H	BN	M 16* 60			0.124	1	SUS304		
J20-J21							4197 kg			

APPROACH BRIDGE DECK PL JL1-JL2 J21-J22										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3364* 16	7083	125.6	2993	2993	SM400A		
5	URIB2	U	320* 240* 8	7056	42.30	298	1490	SM400A		
10	DIA	PL	234* 6	308	47.10	3.39	34	SM400A		
1	H.H	PL	270* 16	630	125.6	21.4	21	SM400A		
1	H.H	PL	270* 9	450	70.65	8.58	9	SS400		
6	H.H	BN	M 16* 60			0.124	1	SUS304		
J21-J22							4548 kg			

APPROACH BRIDGE DECK PL JL1-JL2 J22-J23										
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Calculation of Steel Weight

(Unit : mm,kg)

Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3365* 16	8263	125.6	3492	3492	SM400A		
5	URIB2	U	320* 240* 8	8235	42.30	348	1740	SM400A		
10	DIA	PL	234* 6	308	47.10	3.39	34	SM400A		
2	H.H	PL	270* 16	630	125.6	21.4	43	SM400A		
2	H.H	PL	270* 9	450	70.65	8.58	17	SS400		
12	H.H	BN	M 16* 60			0.124	1	SUS304		
J22-J23							5327 kg			

APPROACH BRIDGE DECK PL JL1-JL2 J23-J24										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3365* 16	8263	125.6	3492	3492	SM400A		
5	URIB2	U	320* 240* 8	8235	42.30	348	1740	SM400A		
10	DIA	PL	234* 6	308	47.10	3.39	34	SM400A		
J23-J24							5266 kg			

APPROACH BRIDGE DECK PL JL1-JL2 J24-J25										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3365* 16	8183	125.6	3459	3459	SM490YA		
5	URIB2	U	320* 240* 8	8155	42.30	345	1725	SM490YA		
10	DIA	PL	234* 6	308	47.10	3.39	34	SM400A		
2	H.H	PL	270* 16	630	125.6	21.4	43	SM490YA		
2	H.H	PL	270* 9	450	70.65	8.58	17	SS400		
12	H.H	BN	M 16* 60			0.124	1	SUS304		
J24-J25							5279 kg			

APPROACH BRIDGE DECK PL JL1-JL2 J25-J26										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3375* 16	8427	125.6	3572	3572	SM490YA		
5	URIB2	U	320* 240* 8	8398	42.30	355	1775	SM490YA		
10	DIA	PL	234* 6	308	47.10	3.39	34	SM400A		
J25-J26							5381 kg			

APPROACH BRIDGE DECK PL JL1-JL2 J26-J27										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3376* 16	7973	125.6	3381	3381	SM490YA		

Calculation of Steel Weight

(Unit : mm,kg)

5	URIB2	U	320* 240* 8	7929	42.30	335	1675	SM490YA		
10	DIA	PL	234* 6	308	47.10	3.39	34	SM400A		
2	H.H	PL	270* 16	630	125.6	21.4	43	SM490YA		
2	H.H	PL	270* 9	450	70.65	8.58	17	SS400		
12	H.H	BN	M 16* 60			0.124	1	SUS304		
J26-J27							5151 kg			

APPROACH BRIDGE DECK PL JL1-JL2 J27-J28										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3361* 16	7058	125.6	2979	2979	SM490YA		
5	URIB2	U	320* 240* 8	7037	42.30	298	1490	SM490YA		
10	DIA	PL	234* 6	308	47.10	3.39	34	SM400A		
1	H.H	PL	270* 16	630	125.6	21.4	21	SM490YA		
1	H.H	PL	270* 9	450	70.65	8.58	9	SS400		
6	H.H	BN	M 16* 60			0.124	1	SUS304		
J27-J28							4534 kg			

APPROACH BRIDGE DECK PL JL1-JL2 J28-J29										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3361* 16	7099	125.6	2997	2997	SM490YA		
5	URIB2	U	320* 240* 8	7078	42.30	299	1495	SM490YA		
10	DIA	PL	234* 6	308	47.10	3.39	34	SM400A		
1	H.H	PL	270* 16	630	125.6	21.4	21	SM490YA		
1	H.H	PL	270* 9	450	70.65	8.58	9	SS400		
6	H.H	BN	M 16* 60			0.124	1	SUS304		
J28-J29							4557 kg			

APPROACH BRIDGE DECK PL JL1-JL2 J29-J30										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3361* 16	8397	125.6	3544	3544	SM490YA		
5	URIB2	U	320* 240* 8	8376	42.30	354	1770	SM490YA		
10	DIA	PL	234* 6	308	47.10	3.39	34	SM400A		
J29-J30							5348 kg			

APPROACH BRIDGE DECK PL JL1-JL2 J30-J31										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks

Calculation of Steel Weight

(Unit : mm,kg)

1	DECK	PL	3361* 16	8159	125.6	3444	3444	SM490YA		
5	URIB2	U	320* 240* 8	8138	42.30	344	1720	SM490YA		
10	DIA	PL	234* 6	308	47.10	3.39	34	SM400A		
2	H.H	PL	270* 16	630	125.6	21.4	43	SM490YA		
2	H.H	PL	270* 9	450	70.65	8.58	17	SS400		
12	H.H	BN	M 16* 60			0.124	1	SUS304		
J30-J31							5259 kg			

APPROACH BRIDGE DECK PL JL1-JL2 J31-J32										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3385* 16	8373	125.6	3560	3560	SM400A		
5	URIB2	U	320* 240* 8	8315	42.30	352	1760	SM400A		
10	DIA	PL	234* 6	308	47.10	3.39	34	SM400A		
J31-J32							5354 kg			

APPROACH BRIDGE DECK PL JL1-JL2 J32-GE2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3373* 16	6246	125.6	2646	2646	SM400A		
1	DECK	PL	3373* 16	1320	125.6	559	559	SM400A		
5	URIB2	U	320* 240* 8	4149	42.30	176	880	SM400A		
5	DIA	PL	234* 6	308	47.10	3.39	17	SM400A		
10	RIB2	PL	750* 24	3261	188.4	276	2760	SM400A	60	
1	END	PL	260* 10	574	78.50	11.7	12	SM400A		
1	END	PL	260* 10	2730	78.50	55.7	56	SM400A		
1	END	PL	260* 10	175	78.50	3.57	4	SM400A		
5	H-RIB	PL	296* 9	320	70.65	6.69	33	SM400A		
5	BACKING	FB	50* 6	654	2.360	1.54	8	SS400		
5	BACKING	FB	50* 6	226	2.360	0.533	3	SS400		
1	H.H	PL	270* 16	630	125.6	21.4	21	SM400A		
1	H.H	PL	270* 9	450	70.65	8.58	9	SS400		
6	H.H	BN	M 16* 60			0.124	1	SUS304		
J32-GE2							7009 kg			
JL1-JL2							169593 kg			

APPROACH BRIDGE DECK PL JL2-JL3 GE1-J1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1294* 16	1120	125.6	182	182	SM400A		

Calculation of Steel Weight

(Unit : mm,kg)

1	DECK	PL	1294* 16	7311	125.6	1188	1188	SM400A		
2	URIB3	U	320* 240* 8	5231	42.30	221	442	SM400A		
2	DIA	PL	234* 6	308	47.10	3.39	7	SM400A		
4	RIB3	PL	750* 24	3071	188.4	260	1040	SM400A	60	
1	RIB3	PL	750* 24	8310	188.4	528	528	SM400A	45	
1	END	PL	260* 10	1296	78.50	26.5	26	SM400A		
2	H-RIB	PL	296* 9	320	70.65	6.69	13	SM400A		
2	BACKING	FB	50* 6	654	2.360	1.54	3	SS400		
2	BACKING	FB	50* 6	226	2.360	0.533	1	SS400		
GE1-J1							3430 kg			

APPROACH BRIDGE DECK PL JL2-JL3 J1-J2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1295* 16	8301	125.6	1350	1350	SM400A		
2	URIB3	U	320* 240* 8	8278	42.30	350	700	SM400A		
4	DIA	PL	234* 6	308	47.10	3.39	14	SM400A		
1	RIB3	PL	250* 24	8278	188.4	390	390	SM400A		
J1-J2							2454 kg			

APPROACH BRIDGE DECK PL JL2-JL3 J2-J3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1294* 16	8338	125.6	1355	1355	SM400A		
2	URIB3	U	320* 240* 8	8315	42.30	352	704	SM400A		
4	DIA	PL	234* 6	308	47.10	3.39	14	SM400A		
1	RIB3	PL	250* 24	8315	188.4	392	392	SM400A		
J2-J3							2465 kg			

APPROACH BRIDGE DECK PL JL2-JL3 J3-J4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1295* 16	8288	125.6	1348	1348	SM400A		
2	URIB3	U	320* 240* 8	8265	42.30	350	700	SM400A		
4	DIA	PL	234* 6	308	47.10	3.39	14	SM400A		
1	RIB3	PL	250* 24	8265	188.4	389	389	SM400A		
J3-J4							2451 kg			

APPROACH BRIDGE DECK PL JL2-JL3 J4-J5										

Calculation of Steel Weight

(Unit : mm,kg)

Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1294* 16	8388	125.6	1363	1363	SM400A		
2	URIB3	U	320* 240* 8	8365	42.30	354	708	SM400A		
4	DIA	PL	234* 6	308	47.10	3.39	14	SM400A		
1	RIB3	PL	250* 24	8365	188.4	394	394	SM400A		
J4-J5							2479 kg			

APPROACH BRIDGE DECK PL JL2-JL3 J5-J6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1295* 16	8338	125.6	1356	1356	SM400A		
2	URIB3	U	320* 240* 8	8315	42.30	352	704	SM400A		
4	DIA	PL	234* 6	308	47.10	3.39	14	SM400A		
1	RIB3	PL	250* 24	8315	188.4	392	392	SM400A		
J5-J6							2466 kg			

APPROACH BRIDGE DECK PL JL2-JL3 J6-J7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1294* 16	8338	125.6	1355	1355	SM400A		
2	URIB3	U	320* 240* 8	8315	42.30	352	704	SM400A		
4	DIA	PL	234* 6	308	47.10	3.39	14	SM400A		
1	RIB3	PL	250* 24	8315	188.4	392	392	SM400A		
J6-J7							2465 kg			

APPROACH BRIDGE DECK PL JL2-JL3 J7-J8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1295* 16	8338	125.6	1356	1356	SM400A		
2	URIB3	U	320* 240* 8	8315	42.30	352	704	SM400A		
4	DIA	PL	234* 6	308	47.10	3.39	14	SM400A		
1	RIB3	PL	250* 24	8315	188.4	392	392	SM400A		
J7-J8							2466 kg			

APPROACH BRIDGE DECK PL JL2-JL3 J8-J9										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1293* 16	7009	125.6	1138	1138	SM400A		
2	URIB3	U	320* 240* 8	6986	42.30	296	592	SM400A		
4	DIA	PL	234* 6	308	47.10	3.39	14	SM400A		

Calculation of Steel Weight

(Unit : mm,kg)

1	RIB3	PL	250* 24	6986	188.4	329	329	SM400A		
J8-J9							2073 kg			

APPROACH BRIDGE DECK PL JL2-JL3 J9-J10										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1292* 16	5877	125.6	954	954	SM490YA		
2	URIB3	U	320* 240* 8	5855	42.30	248	496	SM490YA		
4	DIA	PL	234* 6	308	47.10	3.39	14	SM400A		
1	RIB3	PL	250* 24	5855	188.4	276	276	SM490YB		
J9-J10							1740 kg			

APPROACH BRIDGE DECK PL JL2-JL3 J10-J11										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1293* 16	7118	125.6	1156	1156	SM400A		
2	URIB3	U	320* 240* 8	7096	42.30	300	600	SM400A		
4	DIA	PL	234* 6	308	47.10	3.39	14	SM400A		
1	RIB3	PL	250* 24	7096	188.4	334	334	SM400A		
J10-J11							2104 kg			

APPROACH BRIDGE DECK PL JL2-JL3 J11-J12										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1295* 16	8425	125.6	1370	1370	SM400A		
2	URIB3	U	320* 240* 8	8402	42.30	355	710	SM400A		
4	DIA	PL	234* 6	308	47.10	3.39	14	SM400A		
1	RIB3	PL	250* 24	8402	188.4	396	396	SM400A		
J11-J12							2490 kg			

APPROACH BRIDGE DECK PL JL2-JL3 J12-J13										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1294* 16	8425	125.6	1369	1369	SM400A		
2	URIB3	U	320* 240* 8	8402	42.30	355	710	SM400A		
4	DIA	PL	234* 6	308	47.10	3.39	14	SM400A		
1	RIB3	PL	250* 24	8402	188.4	396	396	SM400A		
J12-J13							2489 kg			

Calculation of Steel Weight

(Unit : mm,kg)

APPROACH BRIDGE DECK PL JL2-JL3 J13-J14										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1293* 16	7222	125.6	1173	1173	SM400A		
2	URIB3	U	320* 240* 8	7199	42.30	305	610	SM400A		
4	DIA	PL	234* 6	308	47.10	3.39	14	SM400A		
1	RIB3	PL	250* 24	7199	188.4	339	339	SM400A		
J13-J14							2136 kg			

APPROACH BRIDGE DECK PL JL2-JL3 J14-J15										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1295* 16	8425	125.6	1370	1370	SM400A		
2	URIB3	U	320* 240* 8	8402	42.30	355	710	SM400A		
4	DIA	PL	234* 6	308	47.10	3.39	14	SM400A		
1	RIB3	PL	250* 24	8402	188.4	396	396	SM400A		
J14-J15							2490 kg			

APPROACH BRIDGE DECK PL JL2-JL3 J15-J16										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1293* 16	7221	125.6	1173	1173	SM400A		
2	URIB3	U	320* 240* 8	7199	42.30	305	610	SM400A		
4	DIA	PL	234* 6	308	47.10	3.39	14	SM400A		
1	RIB3	PL	250* 24	7199	188.4	339	339	SM400A		
J15-J16							2136 kg			

APPROACH BRIDGE DECK PL JL2-JL3 J16-J17										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1294* 16	8425	125.6	1369	1369	SM400A		
2	URIB3	U	320* 240* 8	8402	42.30	355	710	SM400A		
4	DIA	PL	234* 6	308	47.10	3.39	14	SM400A		
1	RIB3	PL	250* 24	8402	188.4	396	396	SM400A		
J16-J17							2489 kg			

APPROACH BRIDGE DECK PL JL2-JL3 J17-J18										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1295* 16	8425	125.6	1370	1370	SM490YA		

Calculation of Steel Weight

(Unit : mm,kg)

2	URIB3	U	320* 240* 8	8402	42.30	355	710	SM490YA		
4	DIA	PL	234* 6	308	47.10	3.39	14	SM400A		
1	RIB3	PL	250* 24	8402	188.4	396	396	SM490YB		
J17-J18							2490 kg			

APPROACH BRIDGE DECK PL JL2-JL3 J18-J19										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1293* 16	6868	125.6	1115	1115	SM490YA		
2	URIB3	U	320* 240* 8	6845	42.30	290	580	SM490YA		
4	DIA	PL	234* 6	308	47.10	3.39	14	SM400A		
1	RIB3	PL	250* 24	6845	188.4	322	322	SM490YB		
J18-J19							2031 kg			

APPROACH BRIDGE DECK PL JL2-JL3 J19-J20										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1293* 16	6212	125.6	1009	1009	SM490YA		
2	URIB3	U	320* 240* 8	6190	42.30	262	524	SM490YA		
4	DIA	PL	234* 6	308	47.10	3.39	14	SM400A		
1	RIB3	PL	250* 24	6190	188.4	292	292	SM490YB		
J19-J20							1839 kg			

APPROACH BRIDGE DECK PL JL2-JL3 J20-J21										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1293* 16	6516	125.6	1058	1058	SM490YA		
2	URIB3	U	320* 240* 8	6493	42.30	275	550	SM490YA		
4	DIA	PL	234* 6	308	47.10	3.39	14	SM400A		
1	RIB3	PL	250* 24	6493	188.4	306	306	SM490YB		
J20-J21							1928 kg			

APPROACH BRIDGE DECK PL JL2-JL3 J21-J22										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1293* 16	7071	125.6	1148	1148	SM400A		
2	URIB3	U	320* 240* 8	7048	42.30	298	596	SM400A		
4	DIA	PL	234* 6	308	47.10	3.39	14	SM400A		
1	RIB3	PL	250* 24	7048	188.4	332	332	SM400A		

Calculation of Steel Weight

(Unit : mm,kg)

J21-J22	2090 kg
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APPROACH BRIDGE DECK PL JL2-JL3 J22-J23										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1294* 16	8249	125.6	1340	1340	SM400A		
2	URIB3	U	320* 240* 8	8226	42.30	348	696	SM400A		
4	DIA	PL	234* 6	308	47.10	3.39	14	SM400A		
1	RIB3	PL	250* 24	8226	188.4	387	387	SM400A		
J22-J23							2437 kg			

APPROACH BRIDGE DECK PL JL2-JL3 J23-J24										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1294* 16	8249	125.6	1340	1340	SM400A		
2	URIB3	U	320* 240* 8	8226	42.30	348	696	SM400A		
4	DIA	PL	234* 6	308	47.10	3.39	14	SM400A		
1	RIB3	PL	250* 24	8226	188.4	387	387	SM400A		
J23-J24							2437 kg			

APPROACH BRIDGE DECK PL JL2-JL3 J24-J25										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1294* 16	8169	125.6	1328	1328	SM490YA		
2	URIB3	U	320* 240* 8	8146	42.30	345	690	SM490YA		
4	DIA	PL	234* 6	308	47.10	3.39	14	SM400A		
1	RIB3	PL	250* 24	8146	188.4	384	384	SM490YB		
J24-J25							2416 kg			

APPROACH BRIDGE DECK PL JL2-JL3 J25-J26										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1305* 16	8411	125.6	1379	1379	SM490YA		
2	URIB3	U	320* 240* 8	8388	42.30	355	710	SM490YA		
4	DIA	PL	234* 6	308	47.10	3.39	14	SM400A		
1	RIB3	PL	250* 24	8388	188.4	395	395	SM490YB		
J25-J26							2498 kg			

APPROACH BRIDGE DECK PL JL2-JL3 J26-J27										

Calculation of Steel Weight

(Unit : mm,kg)

Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1305* 16	7991	125.6	1310	1310	SM490YA		
2	URIB3	U	320* 240* 8	7962	42.30	337	674	SM490YA		
4	DIA	PL	234* 6	308	47.10	3.39	14	SM400A		
1	RIB3	PL	250* 24	7962	188.4	375	375	SM490YB		
J26-J27							2373 kg			

APPROACH BRIDGE DECK PL JL2-JL3 J27-J28										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1290* 16	7058	125.6	1144	1144	SM490YA		
2	URIB3	U	320* 240* 8	7037	42.30	298	596	SM490YA		
4	DIA	PL	234* 6	308	47.10	3.39	14	SM400A		
1	RIB3	PL	250* 24	7037	188.4	331	331	SM490YB		
J27-J28							2085 kg			

APPROACH BRIDGE DECK PL JL2-JL3 J28-J29										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1290* 16	7099	125.6	1150	1150	SM490YA		
2	URIB3	U	320* 240* 8	7078	42.30	299	598	SM490YA		
4	DIA	PL	234* 6	308	47.10	3.39	14	SM400A		
1	RIB3	PL	250* 24	7078	188.4	333	333	SM490YB		
J28-J29							2095 kg			

APPROACH BRIDGE DECK PL JL2-JL3 J29-J30										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1290* 16	8397	125.6	1360	1360	SM490YA		
2	URIB3	U	320* 240* 8	8376	42.30	354	708	SM490YA		
4	DIA	PL	234* 6	308	47.10	3.39	14	SM400A		
1	RIB3	PL	250* 24	8376	188.4	395	395	SM490YB		
J29-J30							2477 kg			

APPROACH BRIDGE DECK PL JL2-JL3 J30-J31										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1290* 16	8159	125.6	1323	1323	SM490YA		
2	URIB3	U	320* 240* 8	8138	42.30	344	688	SM490YA		
4	DIA	PL	234* 6	308	47.10	3.39	14	SM400A		

Calculation of Steel Weight

(Unit : mm,kg)

1	RIB3	PL	250* 24	8138	188.4	383	383	SM490YB			
J30-J31							2408 kg				

APPROACH BRIDGE DECK PL JL2-JL3 J31-J32											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	DECK	PL	1314* 16	8300	125.6	1370	1370	SM400A			
2	URIB3	U	320* 240* 8	8266	42.30	350	700	SM400A			
4	DIA	PL	234* 6	308	47.10	3.39	14	SM400A			
1	RIB3	PL	250* 24	8266	188.4	389	389	SM400A			
J31-J32							2473 kg				

APPROACH BRIDGE DECK PL JL2-JL3 J32-GE2											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	DECK	PL	1303* 16	6191	125.6	1013	1013	SM400A			
1	DECK	PL	1303* 16	1320	125.6	216	216	SM400A			
2	URIB3	U	320* 240* 8	4111	42.30	174	348	SM400A			
2	DIA	PL	234* 6	308	47.10	3.39	7	SM400A			
1	RIB3	PL	750* 24	7381	188.4	469	469	SM400A	45		
4	RIB3	PL	750* 24	3261	188.4	276	1104	SM400A	60		
1	END	PL	260* 10	1296	78.50	26.5	26	SM400A			
2	H-RIB	PL	296* 9	320	70.65	6.69	13	SM400A			
2	BACKING	FB	50* 6	654	2.360	1.54	3	SS400			
2	BACKING	FB	50* 6	226	2.360	0.533	1	SS400			
J32-GE2							3200 kg				
JL2-JL3							78100 kg				

APPROACH BRIDGE DECK PL JL3-JL4 GE1-J1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3065* 16	1120	125.6	431	431	SM400A		
1	DECK	PL	3065* 16	7305	125.6	2812	2812	SM400A		
4	URIB4	U	320* 240* 8	5228	42.30	221	884	SM400A		
4	DIA	PL	234* 6	308	47.10	3.39	14	SM400A		
8	RIB4	PL	750* 24	3064	188.4	260	2080	SM400A	60	
1	END	PL	260* 10	175	78.50	3.57	4	SM400A		
1	END	PL	260* 10	2696	78.50	55.0	55	SM400A		
1	END	PL	260* 10	175	78.50	3.57	4	SM400A		

Calculation of Steel Weight

(Unit : mm,kg)

GE1-J1	6284 kg
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APPROACH BRIDGE DECK PL JL3-JL4 J1-J2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3065* 16	8295	125.6	3193	3193	SM400A		
4	URIB4	U	320* 240* 8	8269	42.30	350	1400	SM400A		
8	DIA	PL	234* 6	308	47.10	3.39	27	SM400A		
2	H.H	PL	270* 16	630	125.6	21.4	43	SM400A		
2	H.H	PL	270* 9	450	70.65	8.58	17	SS400		
12	H.H	BN	M 16* 60			0.124	1	SUS304		
J1-J2							4681 kg			

APPROACH BRIDGE DECK PL JL3-JL4 J2-J3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3065* 16	8333	125.6	3208	3208	SM400A		
4	URIB4	U	320* 240* 8	8306	42.30	351	1404	SM400A		
8	DIA	PL	234* 6	308	47.10	3.39	27	SM400A		
J2-J3							4639 kg			

APPROACH BRIDGE DECK PL JL3-JL4 J3-J4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3065* 16	8283	125.6	3189	3189	SM400A		
4	URIB4	U	320* 240* 8	8256	42.30	349	1396	SM400A		
8	DIA	PL	234* 6	308	47.10	3.39	27	SM400A		
2	H.H	PL	270* 16	630	125.6	21.4	43	SM400A		
2	H.H	PL	270* 9	450	70.65	8.58	17	SS400		
12	H.H	BN	M 16* 60			0.124	1	SUS304		
J3-J4							4673 kg			

APPROACH BRIDGE DECK PL JL3-JL4 J4-J5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3065* 16	8383	125.6	3227	3227	SM400A		
4	URIB4	U	320* 240* 8	8356	42.30	353	1412	SM400A		
8	DIA	PL	234* 6	308	47.10	3.39	27	SM400A		
J4-J5							4666 kg			

Caluculation of Steel Weight

(Unit : mm,kg)

APPROACH BRIDGE DECK PL JL3-JL4 J5-J6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3065* 16	8333	125.6	3208	3208	SM400A		
4	URIB4	U	320* 240* 8	8306	42.30	351	1404	SM400A		
8	DIA	PL	234* 6	308	47.10	3.39	27	SM400A		
2	H.H	PL	270* 16	630	125.6	21.4	43	SM400A		
2	H.H	PL	270* 9	450	70.65	8.58	17	SS400		
12	H.H	BN	M 16* 60			0.124	1	SUS304		
							J5-J6			
							4700 kg			

APPROACH BRIDGE DECK PL JL3-JL4 J6-J7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3065* 16	8333	125.6	3208	3208	SM400A		
4	URIB4	U	320* 240* 8	8306	42.30	351	1404	SM400A		
8	DIA	PL	234* 6	308	47.10	3.39	27	SM400A		
							J6-J7			
							4639 kg			

APPROACH BRIDGE DECK PL JL3-JL4 J7-J8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3065* 16	8332	125.6	3208	3208	SM400A		
4	URIB4	U	320* 240* 8	8306	42.30	351	1404	SM400A		
8	DIA	PL	234* 6	308	47.10	3.39	27	SM400A		
2	H.H	PL	270* 16	630	125.6	21.4	43	SM400A		
2	H.H	PL	270* 9	450	70.65	8.58	17	SS400		
12	H.H	BN	M 16* 60			0.124	1	SUS304		
							J7-J8			
							4700 kg			

APPROACH BRIDGE DECK PL JL3-JL4 J8-J9										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3064* 16	7004	125.6	2695	2695	SM400A		
4	URIB4	U	320* 240* 8	6978	42.30	295	1180	SM400A		
8	DIA	PL	234* 6	308	47.10	3.39	27	SM400A		
1	H.H	PL	270* 16	630	125.6	21.4	21	SM400A		
1	H.H	PL	270* 9	450	70.65	8.58	9	SS400		
6	H.H	BN	M 16* 60			0.124	1	SUS304		
							J8-J9			
							3933 kg			

Caluculation of Steel Weight

(Unit : mm,kg)

APPROACH BRIDGE DECK PL JL3-JL4 J9-J10										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3063* 16	5873	125.6	2260	2260	SM490YA		
4	URIB4	U	320* 240* 8	5848	42.30	247	988	SM490YA		
8	DIA	PL	234* 6	308	47.10	3.39	27	SM400A		
							J9-J10			
							3275 kg			

APPROACH BRIDGE DECK PL JL3-JL4 J10-J11										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3064* 16	7114	125.6	2738	2738	SM400A		
4	URIB4	U	320* 240* 8	7088	42.30	300	1200	SM400A		
8	DIA	PL	234* 6	308	47.10	3.39	27	SM400A		
1	H.H	PL	270* 16	630	125.6	21.4	21	SM400A		
1	H.H	PL	270* 9	450	70.65	8.58	9	SS400		
6	H.H	BN	M 16* 60			0.124	1	SUS304		
							J10-J11			
							3996 kg			

APPROACH BRIDGE DECK PL JL3-JL4 J11-J12										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3065* 16	8420	125.6	3242	3242	SM400A		
4	URIB4	U	320* 240* 8	8393	42.30	355	1420	SM400A		
8	DIA	PL	234* 6	308	47.10	3.39	27	SM400A		
2	H.H	PL	270* 16	630	125.6	21.4	43	SM400A		
2	H.H	PL	270* 9	450	70.65	8.58	17	SS400		
12	H.H	BN	M 16* 60			0.124	1	SUS304		
							J11-J12			
							4750 kg			

APPROACH BRIDGE DECK PL JL3-JL4 J12-J13										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3065* 16	8420	125.6	3242	3242	SM400A		
4	URIB4	U	320* 240* 8	8393	42.30	355	1420	SM400A		
8	DIA	PL	234* 6	308	47.10	3.39	27	SM400A		
							J12-J13			
							4689 kg			

APPROACH BRIDGE DECK PL JL3-JL4 J13-J14										
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Caluculation of Steel Weight

(Unit : mm,kg)

Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3064* 16	7217	125.6	2777	2777	SM400A		
4	URIB4	U	320* 240* 8	7191	42.30	304	1216	SM400A		
8	DIA	PL	234* 6	308	47.10	3.39	27	SM400A		
1	H.H	PL	270* 16	630	125.6	21.4	21	SM400A		
1	H.H	PL	270* 9	450	70.65	8.58	9	SS400		
6	H.H	BN	M 16* 60			0.124	1	SUS304		
J13-J14							4051 kg			

APPROACH BRIDGE DECK PL JL3-JL4 J14-J15										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3065* 16	8420	125.6	3242	3242	SM400A		
4	URIB4	U	320* 240* 8	8393	42.30	355	1420	SM400A		
8	DIA	PL	234* 6	308	47.10	3.39	27	SM400A		
2	H.H	PL	270* 16	630	125.6	21.4	43	SM400A		
2	H.H	PL	270* 9	450	70.65	8.58	17	SS400		
12	H.H	BN	M 16* 60			0.124	1	SUS304		
J14-J15							4750 kg			

APPROACH BRIDGE DECK PL JL3-JL4 J15-J16										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3064* 16	7217	125.6	2777	2777	SM400A		
4	URIB4	U	320* 240* 8	7191	42.30	304	1216	SM400A		
8	DIA	PL	234* 6	308	47.10	3.39	27	SM400A		
1	H.H	PL	270* 16	630	125.6	21.4	21	SM400A		
1	H.H	PL	270* 9	450	70.65	8.58	9	SS400		
6	H.H	BN	M 16* 60			0.124	1	SUS304		
J15-J16							4051 kg			

APPROACH BRIDGE DECK PL JL3-JL4 J16-J17										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3065* 16	8420	125.6	3242	3242	SM400A		
4	URIB4	U	320* 240* 8	8393	42.30	355	1420	SM400A		
8	DIA	PL	234* 6	308	47.10	3.39	27	SM400A		
J16-J17							4689 kg			

Calculation of Steel Weight

(Unit : mm,kg)

APPROACH BRIDGE DECK PL JL3-JL4 J17-J18										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3065* 16	8419	125.6	3240	3240	SM490YA		
4	URIB4	U	320* 240* 8	8393	42.30	355	1420	SM490YA		
8	DIA	PL	234* 6	308	47.10	3.39	27	SM400A		
2	H.H	PL	270* 16	630	125.6	21.4	43	SM490YA		
2	H.H	PL	270* 9	450	70.65	8.58	17	SS400		
12	H.H	BN	M 16* 60			0.124	1	SUS304		
							J17-J18			
							4748 kg			

APPROACH BRIDGE DECK PL JL3-JL4 J18-J19										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3063* 16	6863	125.6	2640	2640	SM490YA		
4	URIB4	U	320* 240* 8	6837	42.30	289	1156	SM490YA		
8	DIA	PL	234* 6	308	47.10	3.39	27	SM400A		
1	H.H	PL	270* 16	630	125.6	21.4	21	SM490YA		
1	H.H	PL	270* 9	450	70.65	8.58	9	SS400		
6	H.H	BN	M 16* 60			0.124	1	SUS304		
							J18-J19			
							3854 kg			

APPROACH BRIDGE DECK PL JL3-JL4 J19-J20										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3063* 16	6208	125.6	2389	2389	SM490YA		
4	URIB4	U	320* 240* 8	6183	42.30	262	1048	SM490YA		
8	DIA	PL	234* 6	308	47.10	3.39	27	SM400A		
							J19-J20			
							3464 kg			

APPROACH BRIDGE DECK PL JL3-JL4 J20-J21										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3063* 16	6512	125.6	2506	2506	SM490YA		
4	URIB4	U	320* 240* 8	6486	42.30	274	1096	SM490YA		
8	DIA	PL	234* 6	308	47.10	3.39	27	SM400A		
1	H.H	PL	270* 16	630	125.6	21.4	21	SM490YA		
1	H.H	PL	270* 9	450	70.65	8.58	9	SS400		
6	H.H	BN	M 16* 60			0.124	1	SUS304		
							J20-J21			
							3660 kg			

Calculation of Steel Weight

(Unit : mm,kg)

APPROACH BRIDGE DECK PL JL3-JL4 J21-J22										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3064* 16	7066	125.6	2719	2719	SM400A		
4	URIB4	U	320* 240* 8	7040	42.30	298	1192	SM400A		
8	DIA	PL	234* 6	308	47.10	3.39	27	SM400A		
1	H.H	PL	270* 16	630	125.6	21.4	21	SM400A		
1	H.H	PL	270* 9	450	70.65	8.58	9	SS400		
6	H.H	BN	M 16* 60			0.124	1	SUS304		
J21-J22							3969 kg			

APPROACH BRIDGE DECK PL JL3-JL4 J22-J23										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3065* 16	8244	125.6	3174	3174	SM400A		
4	URIB4	U	320* 240* 8	8217	42.30	348	1392	SM400A		
8	DIA	PL	234* 6	308	47.10	3.39	27	SM400A		
2	H.H	PL	270* 16	630	125.6	21.4	43	SM400A		
2	H.H	PL	270* 9	450	70.65	8.58	17	SS400		
12	H.H	BN	M 16* 60			0.124	1	SUS304		
J22-J23							4654 kg			

APPROACH BRIDGE DECK PL JL3-JL4 J23-J24										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3064* 16	8244	125.6	3173	3173	SM400A		
4	URIB4	U	320* 240* 8	8217	42.30	348	1392	SM400A		
8	DIA	PL	234* 6	308	47.10	3.39	27	SM400A		
J23-J24							4592 kg			

APPROACH BRIDGE DECK PL JL3-JL4 J24-J25										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3065* 16	8164	125.6	3143	3143	SM490YA		
4	URIB4	U	320* 240* 8	8137	42.30	344	1376	SM490YA		
8	DIA	PL	234* 6	308	47.10	3.39	27	SM400A		
2	H.H	PL	270* 16	630	125.6	21.4	43	SM490YA		
2	H.H	PL	270* 9	450	70.65	8.58	17	SS400		
12	H.H	BN	M 16* 60			0.124	1	SUS304		

Calculation of Steel Weight

(Unit : mm,kg)

J24-J25	4607 kg
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APPROACH BRIDGE DECK PL JL3-JL4 J25-J26										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3075* 16	8406	125.6	3247	3247	SM490YA		
4	URIB4	U	320* 240* 8	8378	42.30	354	1416	SM490YA		
8	DIA	PL	234* 6	308	47.10	3.39	27	SM400A		
							J25-J26	4690 kg		

APPROACH BRIDGE DECK PL JL3-JL4 J26-J27										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3076* 16	8035	125.6	3105	3105	SM490YA		
4	URIB4	U	320* 240* 8	7993	42.30	338	1352	SM490YA		
8	DIA	PL	234* 6	308	47.10	3.39	27	SM400A		
2	H.H	PL	270* 16	630	125.6	21.4	43	SM490YA		
2	H.H	PL	270* 9	450	70.65	8.58	17	SS400		
12	H.H	BN	M 16* 60			0.124	1	SUS304		
							J26-J27	4545 kg		

APPROACH BRIDGE DECK PL JL3-JL4 J27-J28										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3061* 16	7058	125.6	2713	2713	SM490YA		
4	URIB4	U	320* 240* 8	7037	42.30	298	1192	SM490YA		
8	DIA	PL	234* 6	308	47.10	3.39	27	SM400A		
1	H.H	PL	270* 16	630	125.6	21.4	21	SM490YA		
1	H.H	PL	270* 9	450	70.65	8.58	9	SS400		
6	H.H	BN	M 16* 60			0.124	1	SUS304		
							J27-J28	3963 kg		

APPROACH BRIDGE DECK PL JL3-JL4 J28-J29										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3061* 16	7099	125.6	2729	2729	SM490YA		
4	URIB4	U	320* 240* 8	7078	42.30	299	1196	SM490YA		
8	DIA	PL	234* 6	308	47.10	3.39	27	SM400A		
1	H.H	PL	270* 16	630	125.6	21.4	21	SM490YA		
1	H.H	PL	270* 9	450	70.65	8.58	9	SS400		
6	H.H	BN	M 16* 60			0.124	1	SUS304		

Calculation of Steel Weight

(Unit : mm,kg)

J28-J29	3983 kg
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APPROACH BRIDGE DECK PL JL3-JL4 J29-J30										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3061* 16	8397	125.6	3228	3228	SM490YA		
4	URIB4	U	320* 240* 8	8376	42.30	354	1416	SM490YA		
8	DIA	PL	234* 6	308	47.10	3.39	27	SM400A		
J29-J30										
4671 kg										

APPROACH BRIDGE DECK PL JL3-JL4 J30-J31										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3061* 16	8159	125.6	3136	3136	SM490YA		
4	URIB4	U	320* 240* 8	8138	42.30	344	1376	SM490YA		
8	DIA	PL	234* 6	308	47.10	3.39	27	SM400A		
2	H.H	PL	270* 16	630	125.6	21.4	43	SM490YA		
2	H.H	PL	270* 9	450	70.65	8.58	17	SS400		
12	H.H	BN	M 16* 60			0.124	1	SUS304		
J30-J31										
4600 kg										

APPROACH BRIDGE DECK PL JL3-JL4 J31-J32										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3084* 16	8273	125.6	3204	3204	SM400A		
4	URIB4	U	320* 240* 8	8220	42.30	348	1392	SM400A		
8	DIA	PL	234* 6	308	47.10	3.39	27	SM400A		
J31-J32										
4623 kg										

APPROACH BRIDGE DECK PL JL3-JL4 J32-GE2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3073* 16	6169	125.6	2381	2381	SM400A		
1	DECK	PL	3073* 16	1320	125.6	509	509	SM400A		
4	URIB4	U	320* 240* 8	4075	42.30	172	688	SM400A		
4	DIA	PL	234* 6	308	47.10	3.39	14	SM400A		
8	RIB4	PL	750* 24	3261	188.4	276	2208	SM400A	60	
1	END	PL	260* 10	175	78.50	3.57	4	SM400A		
1	END	PL	260* 10	2696	78.50	55.0	55	SM400A		
1	END	PL	260* 10	175	78.50	3.57	4	SM400A		

Calculation of Steel Weight

(Unit : mm,kg)

4	H-RIB	PL	296* 9	320	70.65	6.69	27	SM400A		
4	BACKING	FB	50* 6	654	2.360	1.54	6	SS400		
4	BACKING	FB	50* 6	226	2.360	0.533	2	SS400		
1	H.H	PL	270* 16	630	125.6	21.4	21	SM400A		
1	H.H	PL	270* 9	450	70.65	8.58	9	SS400		
6	H.H	BN	M 16* 60			0.124	1	SUS304		
J32-GE2								5929 kg		
JL3-JL4								147718 kg		

APPROACH BRIDGE DECK PL JL4-JL5 GE1-J1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	2944* 16	1120	125.6	414	414	SM400A		
1	DECK	PL	2944* 16	7292	125.6	2697	2697	SM400A		
2	URIB5	U	320* 240* 8	5215	42.30	221	442	SM400A		
2	DIA	PL	234* 6	308	47.10	3.39	7	SM400A		
4	RIB5	PL	750* 24	3064	188.4	260	1040	SM400A	60	
5	RIB5	PL	750* 24	8288	188.4	527	2635	SM400A	45	
1	END	PL	260* 10	2941	78.50	60.0	60	SM400A		
2	H-RIB	PL	296* 9	320	70.65	6.69	13	SM400A		
2	BACKING	FB	50* 6	654	2.360	1.54	3	SS400		
2	BACKING	FB	50* 6	226	2.360	0.533	1	SS400		
GE1-J1								7312 kg		

APPROACH BRIDGE DECK PL JL4-JL5 J1-J2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	2944* 16	8283	125.6	3063	3063	SM400A		
2	URIB5	U	320* 240* 8	8256	42.30	349	698	SM400A		
4	DIA	PL	234* 6	308	47.10	3.39	14	SM400A		
5	RIB5	PL	250* 24	8256	188.4	389	1945	SM400A		
J1-J2								5720 kg		

APPROACH BRIDGE DECK PL JL4-JL5 J2-J3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	2944* 16	8320	125.6	3076	3076	SM400A		
2	URIB5	U	320* 240* 8	8294	42.30	351	702	SM400A		
4	DIA	PL	234* 6	308	47.10	3.39	14	SM400A		
5	RIB5	PL	250* 24	8294	188.4	391	1955	SM400A		

Calculation of Steel Weight

(Unit : mm,kg)

J2-J3	5747 kg
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APPROACH BRIDGE DECK PL JL4-JL5 J3-J4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	2944* 16	8270	125.6	3058	3058	SM400A		
2	URIB5	U	320* 240* 8	8244	42.30	349	698	SM400A		
4	DIA	PL	234* 6	308	47.10	3.39	14	SM400A		
5	RIB5	PL	250* 24	8244	188.4	388	1940	SM400A		
J3-J4										5710 kg

APPROACH BRIDGE DECK PL JL4-JL5 J4-J5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	2944* 16	8370	125.6	3095	3095	SM400A		
2	URIB5	U	320* 240* 8	8343	42.30	353	706	SM400A		
4	DIA	PL	234* 6	308	47.10	3.39	14	SM400A		
5	RIB5	PL	250* 24	8343	188.4	393	1965	SM400A		
J4-J5										5780 kg

APPROACH BRIDGE DECK PL JL4-JL5 J5-J6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	2944* 16	8320	125.6	3076	3076	SM400A		
2	URIB5	U	320* 240* 8	8293	42.30	351	702	SM400A		
4	DIA	PL	234* 6	308	47.10	3.39	14	SM400A		
5	RIB5	PL	250* 24	8293	188.4	391	1955	SM400A		
J5-J6										5747 kg

APPROACH BRIDGE DECK PL JL4-JL5 J6-J7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	2944* 16	8320	125.6	3076	3076	SM400A		
2	URIB5	U	320* 240* 8	8293	42.30	351	702	SM400A		
4	DIA	PL	234* 6	308	47.10	3.39	14	SM400A		
5	RIB5	PL	250* 24	8293	188.4	391	1955	SM400A		
J6-J7										5747 kg

APPROACH BRIDGE DECK PL JL4-JL5 J7-J8										
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Calculation of Steel Weight

(Unit : mm,kg)

Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	2944* 16	8320	125.6	3076	3076	SM400A		
2	URIB5	U	320* 240* 8	8293	42.30	351	702	SM400A		
4	DIA	PL	234* 6	308	47.10	3.39	14	SM400A		
5	RIB5	PL	250* 24	8293	188.4	391	1955	SM400A		
J7-J8							5747 kg			

APPROACH BRIDGE DECK PL JL4-JL5 J8-J9										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	2943* 16	6993	125.6	2585	2585	SM400A		
2	URIB5	U	320* 240* 8	6968	42.30	295	590	SM400A		
4	DIA	PL	234* 6	308	47.10	3.39	14	SM400A		
5	RIB5	PL	250* 24	6968	188.4	328	1640	SM400A		
J8-J9							4829 kg			

APPROACH BRIDGE DECK PL JL4-JL5 J9-J10										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	2942* 16	5864	125.6	2167	2167	SM490YA		
2	URIB5	U	320* 240* 8	5840	42.30	247	494	SM490YA		
4	DIA	PL	234* 6	308	47.10	3.39	14	SM400A		
5	RIB5	PL	250* 24	5840	188.4	275	1375	SM490YB		
J9-J10							4050 kg			

APPROACH BRIDGE DECK PL JL4-JL5 J10-J11										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	2943* 16	7103	125.6	2625	2625	SM400A		
2	URIB5	U	320* 240* 8	7077	42.30	299	598	SM400A		
4	DIA	PL	234* 6	308	47.10	3.39	14	SM400A		
5	RIB5	PL	250* 24	7077	188.4	333	1665	SM400A		
J10-J11							4902 kg			

APPROACH BRIDGE DECK PL JL4-JL5 J11-J12										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	2944* 16	8407	125.6	3109	3109	SM400A		
2	URIB5	U	320* 240* 8	8380	42.30	354	708	SM400A		

Calculation of Steel Weight

(Unit : mm,kg)

4	DIA	PL	234* 6	308	47.10	3.39	14	SM400A		
5	RIB5	PL	250* 24	8380	188.4	395	1975	SM400A		
J11-J12							5806 kg			

APPROACH BRIDGE DECK PL JL4-JL5 J12-J13										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	2944* 16	8407	125.6	3109	3109	SM400A		
2	URIB5	U	320* 240* 8	8380	42.30	354	708	SM400A		
4	DIA	PL	234* 6	308	47.10	3.39	14	SM400A		
5	RIB5	PL	250* 24	8380	188.4	395	1975	SM400A		
J12-J13							5806 kg			

APPROACH BRIDGE DECK PL JL4-JL5 J13-J14										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	2943* 16	7206	125.6	2664	2664	SM400A		
2	URIB5	U	320* 240* 8	7180	42.30	304	608	SM400A		
4	DIA	PL	234* 6	308	47.10	3.39	14	SM400A		
5	RIB5	PL	250* 24	7180	188.4	338	1690	SM400A		
J13-J14							4976 kg			

APPROACH BRIDGE DECK PL JL4-JL5 J14-J15										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	2944* 16	8407	125.6	3109	3109	SM400A		
2	URIB5	U	320* 240* 8	8380	42.30	354	708	SM400A		
4	DIA	PL	234* 6	308	47.10	3.39	14	SM400A		
5	RIB5	PL	250* 24	8380	188.4	395	1975	SM400A		
J14-J15							5806 kg			

APPROACH BRIDGE DECK PL JL4-JL5 J15-J16										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	2943* 16	7206	125.6	2664	2664	SM400A		
2	URIB5	U	320* 240* 8	7180	42.30	304	608	SM400A		
4	DIA	PL	234* 6	308	47.10	3.39	14	SM400A		
5	RIB5	PL	250* 24	7180	188.4	338	1690	SM400A		
J15-J16							4976 kg			

Calculation of Steel Weight

(Unit : mm,kg)

APPROACH BRIDGE DECK PL JL4-JL5 J16-J17										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	2944* 16	8407	125.6	3109	3109	SM400A		
2	URIB5	U	320* 240* 8	8380	42.30	354	708	SM400A		
4	DIA	PL	234* 6	308	47.10	3.39	14	SM400A		
5	RIB5	PL	250* 24	8380	188.4	395	1975	SM400A		
J16-J17							5806 kg			

APPROACH BRIDGE DECK PL JL4-JL5 J17-J18										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	2944* 16	8407	125.6	3109	3109	SM490YA		
2	URIB5	U	320* 240* 8	8380	42.30	354	708	SM490YA		
4	DIA	PL	234* 6	308	47.10	3.39	14	SM400A		
5	RIB5	PL	250* 24	8380	188.4	395	1975	SM490YB		
J17-J18							5806 kg			

APPROACH BRIDGE DECK PL JL4-JL5 J18-J19										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	2943* 16	6853	125.6	2533	2533	SM490YA		
2	URIB5	U	320* 240* 8	6827	42.30	289	578	SM490YA		
4	DIA	PL	234* 6	308	47.10	3.39	14	SM400A		
5	RIB5	PL	250* 24	6827	188.4	322	1610	SM490YB		
J18-J19							4735 kg			

APPROACH BRIDGE DECK PL JL4-JL5 J19-J20										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	2942* 16	6199	125.6	2291	2291	SM490YA		
2	URIB5	U	320* 240* 8	6174	42.30	261	522	SM490YA		
4	DIA	PL	234* 6	308	47.10	3.39	14	SM400A		
5	RIB5	PL	250* 24	6174	188.4	291	1455	SM490YB		
J19-J20							4282 kg			

APPROACH BRIDGE DECK PL JL4-JL5 J20-J21										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks

Calculation of Steel Weight

(Unit : mm,kg)

1	DECK	PL	2943* 16	6502	125.6	2404	2404	SM490YA		
2	URIB5	U	320* 240* 8	6476	42.30	274	548	SM490YA		
4	DIA	PL	234* 6	308	47.10	3.39	14	SM400A		
5	RIB5	PL	250* 24	6476	188.4	305	1525	SM490YB		
J20-J21							4491 kg			

APPROACH BRIDGE DECK PL JL4-JL5 J21-J22										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	2943* 16	7055	125.6	2607	2607	SM400A		
2	URIB5	U	320* 240* 8	7030	42.30	297	594	SM400A		
4	DIA	PL	234* 6	308	47.10	3.39	14	SM400A		
5	RIB5	PL	250* 24	7030	188.4	331	1655	SM400A		
J21-J22							4870 kg			

APPROACH BRIDGE DECK PL JL4-JL5 J22-J23										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	2944* 16	8231	125.6	3043	3043	SM400A		
2	URIB5	U	320* 240* 8	8205	42.30	347	694	SM400A		
4	DIA	PL	234* 6	308	47.10	3.39	14	SM400A		
5	RIB5	PL	250* 24	8205	188.4	386	1930	SM400A		
J22-J23							5681 kg			

APPROACH BRIDGE DECK PL JL4-JL5 J23-J24										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	2944* 16	8231	125.6	3043	3043	SM400A		
2	URIB5	U	320* 240* 8	8205	42.30	347	694	SM400A		
4	DIA	PL	234* 6	308	47.10	3.39	14	SM400A		
5	RIB5	PL	250* 24	8205	188.4	386	1930	SM400A		
J23-J24							5681 kg			

APPROACH BRIDGE DECK PL JL4-JL5 J24-J25										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	2944* 16	8151	125.6	3014	3014	SM490YA		
2	URIB5	U	320* 240* 8	8125	42.30	344	688	SM490YA		
4	DIA	PL	234* 6	308	47.10	3.39	14	SM400A		
5	RIB5	PL	250* 24	8125	188.4	383	1915	SM490YB		

Calculation of Steel Weight

(Unit : mm,kg)

J24-J25	5631 kg
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APPROACH BRIDGE DECK PL JL4-JL5 J25-J26										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	2979* 16	8411	125.6	3148	3148	SM490YA		
2	URIB5	U	320* 240* 8	8368	42.30	354	708	SM490YA		
4	DIA	PL	234* 6	308	47.10	3.39	14	SM400A		
5	RIB5	PL	250* 24	8368	188.4	394	1970	SM490YB		
J25-J26							5840 kg			

APPROACH BRIDGE DECK PL JL4-JL5 J26-J27										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3320* 16	8035	125.6	3351	3351	SM490YA		
2	URIB5	U	320* 240* 8	8008	42.30	339	678	SM490YA		
4	DIA	PL	234* 6	308	47.10	3.39	14	SM400A		
5	RIB5	PL	250* 24	8008	188.4	377	1885	SM490YB		
1	RIB5	PL	250* 24	6281	188.4	296	296	SM490YB		
J26-J27							6224 kg			
JL4-JL5							147708 kg			

APPROACH BRIDGE DECK PL JL4-JL4A J27-J28										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1884* 16	7057	125.6	1670	1670	SM490YA		
1	URIB5	U	320* 240* 8	7031	42.30	297	297	SM490YA		
2	DIA	PL	234* 6	308	47.10	3.39	7	SM400A		
3	RIB5	PL	250* 24	7031	188.4	331	993	SM490YB		
1	RIB5	PL	250* 24	6338	188.4	298	298	SM490YB		
J27-J28							3265 kg			

APPROACH BRIDGE DECK PL JL4-JL4A J28-J29										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	2050* 16	7097	125.6	1827	1827	SM490YA		
1	URIB5	U	320* 240* 8	7071	42.30	299	299	SM490YA		
2	DIA	PL	234* 6	308	47.10	3.39	7	SM400A		
4	RIB5	PL	250* 24	7070	188.4	333	1332	SM490YB		

Calculation of Steel Weight

(Unit : mm,kg)

J28-J29	3465 kg
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APPROACH BRIDGE DECK PL JL4-JL4A J29-J30										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	2278* 16	8394	125.6	2401	2401	SM490YA		
1	URIB5	U	320* 240* 8	8367	42.30	354	354	SM490YA		
2	DIA	PL	234* 6	308	47.10	3.39	7	SM400A		
4	RIB5	PL	250* 24	8366	188.4	394	1576	SM490YB		
1	RIB5	PL	250* 24	5363	188.4	253	253	SM490YB		
J29-J30							4591 kg			

APPROACH BRIDGE DECK PL JL4-JL4A J30-J31										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	2534* 16	8155	125.6	2595	2595	SM490YA		
1	URIB5	U	320* 240* 8	8127	42.30	344	344	SM490YA		
2	DIA	PL	234* 6	308	47.10	3.39	7	SM400A		
5	RIB5	PL	250* 24	8126	188.4	383	1915	SM490YB		
1	RIB5	PL	250* 24	1758	188.4	82.8	83	SM490YB		
J30-J31							4944 kg			

APPROACH BRIDGE DECK PL JL4-JL4A J31-J32										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	2755* 16	8204	125.6	2839	2839	SM400A		
1	URIB5	U	320* 240* 8	8170	42.30	346	346	SM400A		
2	DIA	PL	234* 6	308	47.10	3.39	7	SM400A		
6	RIB5	PL	250* 24	8170	188.4	385	2310	SM400A		
J31-J32							5502 kg			

APPROACH BRIDGE DECK PL JL4-JL4A J32-GE2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	2755* 16	6137	125.6	2124	2124	SM400A		
1	DECK	PL	2755* 16	1320	125.6	457	457	SM400A		
1	URIB5	U	320* 240* 8	4050	42.30	171	171	SM400A		
1	DIA	PL	234* 6	308	47.10	3.39	3	SM400A		
6	RIB5	PL	750* 24	7324	188.4	466	2796	SM400A	45	
2	RIB5	PL	750* 24	3261	188.4	276	552	SM400A	60	

Calculation of Steel Weight

(Unit : mm,kg)

1	END	PL	260* 10	2771	78.50	56.6	57	SM400A		
1	H-RIB	PL	296* 9	320	70.65	6.69	7	SM400A		
1	BACKING	FB	50* 6	654	2.360	1.54	2	SS400		
1	BACKING	FB	50* 6	226	2.360	0.533	1	SS400		
J32-GE2							6170 kg			
JL4-JL4A							27937 kg			

APPROACH BRIDGE DECK PL JL4A-JL5 J27-J28										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1790* 16	7057	125.6	1586	1586	SM490YA		
1	URIB5	U	320* 240* 8	7031	42.30	297	297	SM490YA		
2	DIA	PL	234* 6	308	47.10	3.39	7	SM400A		
3	RIB5	PL	250* 24	7031	188.4	331	993	SM490YB		
1	RIB5	PL	250* 24	1637	188.4	77.1	77	SM490YB		
J27-J28							2960 kg			

APPROACH BRIDGE DECK PL JL4A-JL5 J28-J29										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1980* 16	7097	125.6	1765	1765	SM490YA		
1	URIB5	U	320* 240* 8	7071	42.30	299	299	SM490YA		
2	DIA	PL	234* 6	308	47.10	3.39	7	SM400A		
4	RIB5	PL	250* 24	7070	188.4	333	1332	SM490YB		
J28-J29							3403 kg			

APPROACH BRIDGE DECK PL JL4A-JL5 J29-J30										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	2174* 16	8394	125.6	2292	2292	SM490YA		
1	URIB5	U	320* 240* 8	8367	42.30	354	354	SM490YA		
2	DIA	PL	234* 6	308	47.10	3.39	7	SM400A		
4	RIB5	PL	250* 24	8366	188.4	394	1576	SM490YB		
1	RIB5	PL	250* 24	3011	188.4	142	142	SM490YB		
J29-J30							4371 kg			

APPROACH BRIDGE DECK PL JL4A-JL5 J30-J31										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks

Calculation of Steel Weight

(Unit : mm,kg)

1	DECK	PL	2329* 16	8155	125.6	2385	2385	SM490YA		
1	URIB5	U	320* 240* 8	8127	42.30	344	344	SM490YA		
2	DIA	PL	234* 6	308	47.10	3.39	7	SM400A		
5	RIB5	PL	250* 24	8126	188.4	383	1915	SM490YB		
J30-J31							4651 kg			

APPROACH BRIDGE DECK PL JL4A-JL5 J31-J32										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	2382* 16	8204	125.6	2454	2454	SM400A		
1	URIB5	U	320* 240* 8	8170	42.30	346	346	SM400A		
2	DIA	PL	234* 6	308	47.10	3.39	7	SM400A		
5	RIB5	PL	250* 24	8170	188.4	385	1925	SM400A		
J31-J32							4732 kg			

APPROACH BRIDGE DECK PL JL4A-JL5 J32-GE2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	2411* 16	6137	125.6	1859	1859	SM400A		
1	DECK	PL	2411* 16	1320	125.6	400	400	SM400A		
1	URIB5	U	320* 240* 8	4050	42.30	171	171	SM400A		
1	DIA	PL	234* 6	308	47.10	3.39	3	SM400A		
5	RIB5	PL	750* 24	7324	188.4	466	2330	SM400A	45	
2	RIB5	PL	750* 24	3261	188.4	276	552	SM400A	60	
1	END	PL	260* 10	2376	78.50	48.5	48	SM400A		
1	H-RIB	PL	296* 9	320	70.65	6.69	7	SM400A		
1	BACKING	FB	50* 6	654	2.360	1.54	2	SS400		
1	BACKING	FB	50* 6	226	2.360	0.533	1	SS400		
J32-GE2							5373 kg			
JL4A-JL5							25490 kg			

APPROACH BRIDGE DECK PL JL5-JL6 GE1-J1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3065* 16	1120	125.6	431	431	SM400A		
1	DECK	PL	3065* 16	7280	125.6	2802	2802	SM400A		
4	URIB6	U	320* 240* 8	5212	42.30	220	880	SM400A		
4	DIA	PL	234* 6	308	47.10	3.39	14	SM400A		
8	RIB6	PL	750* 24	3054	188.4	259	2072	SM400A	60	
1	END	PL	260* 10	175	78.50	3.57	4	SM400A		

Calculation of Steel Weight

(Unit : mm,kg)

1	END	PL	260* 10	2696	78.50	55.0	55	SM400A		
1	END	PL	260* 10	175	78.50	3.57	4	SM400A		
4	H-RIB	PL	296* 9	320	70.65	6.69	27	SM400A		
4	BACKING	FB	50* 6	654	2.360	1.54	6	SS400		
4	BACKING	FB	50* 6	226	2.360	0.533	2	SS400		
							GE1-J1			
							6297 kg			

APPROACH BRIDGE DECK PL JL5-JL6 J1-J2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3065* 16	8271	125.6	3184	3184	SM400A		
4	URIB6	U	320* 240* 8	8244	42.30	349	1396	SM400A		
8	DIA	PL	234* 6	308	47.10	3.39	27	SM400A		
2	H.H	PL	270* 16	630	125.6	21.4	43	SM400A		
2	H.H	PL	270* 9	450	70.65	8.58	17	SS400		
12	H.H	BN	M 16* 60			0.124	1	SUS304		
							J1-J2			
							4668 kg			

APPROACH BRIDGE DECK PL JL5-JL6 J2-J3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3065* 16	8308	125.6	3198	3198	SM400A		
4	URIB6	U	320* 240* 8	8281	42.30	350	1400	SM400A		
8	DIA	PL	234* 6	308	47.10	3.39	27	SM400A		
							J2-J3			
							4625 kg			

APPROACH BRIDGE DECK PL JL5-JL6 J3-J4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3065* 16	8258	125.6	3179	3179	SM400A		
4	URIB6	U	320* 240* 8	8231	42.30	348	1392	SM400A		
8	DIA	PL	234* 6	308	47.10	3.39	27	SM400A		
2	H.H	PL	270* 16	630	125.6	21.4	43	SM400A		
2	H.H	PL	270* 9	450	70.65	8.58	17	SS400		
12	H.H	BN	M 16* 60			0.124	1	SUS304		
							J3-J4			
							4659 kg			

APPROACH BRIDGE DECK PL JL5-JL6 J4-J5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks

Calculation of Steel Weight

(Unit : mm,kg)

1	DECK	PL	3065* 16	8358	125.6	3218	3218	SM400A		
4	URIB6	U	320* 240* 8	8331	42.30	352	1408	SM400A		
8	DIA	PL	234* 6	308	47.10	3.39	27	SM400A		
J4-J5							4653 kg			

APPROACH BRIDGE DECK PL JL5-JL6 J5-J6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3065* 16	8308	125.6	3198	3198	SM400A		
4	URIB6	U	320* 240* 8	8281	42.30	350	1400	SM400A		
8	DIA	PL	234* 6	308	47.10	3.39	27	SM400A		
2	H.H	PL	270* 16	630	125.6	21.4	43	SM400A		
2	H.H	PL	270* 9	450	70.65	8.58	17	SS400		
12	H.H	BN	M 16* 60			0.124	1	SUS304		
J5-J6							4686 kg			

APPROACH BRIDGE DECK PL JL5-JL6 J6-J7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3065* 16	8308	125.6	3198	3198	SM400A		
4	URIB6	U	320* 240* 8	8281	42.30	350	1400	SM400A		
8	DIA	PL	234* 6	308	47.10	3.39	27	SM400A		
J6-J7							4625 kg			

APPROACH BRIDGE DECK PL JL5-JL6 J7-J8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3065* 16	8307	125.6	3198	3198	SM400A		
4	URIB6	U	320* 240* 8	8281	42.30	350	1400	SM400A		
8	DIA	PL	234* 6	308	47.10	3.39	27	SM400A		
2	H.H	PL	270* 16	630	125.6	21.4	43	SM400A		
2	H.H	PL	270* 9	450	70.65	8.58	17	SS400		
12	H.H	BN	M 16* 60			0.124	1	SUS304		
J7-J8							4686 kg			

APPROACH BRIDGE DECK PL JL5-JL6 J8-J9										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3064* 16	6983	125.6	2688	2688	SM400A		
4	URIB6	U	320* 240* 8	6957	42.30	294	1176	SM400A		

Calculation of Steel Weight

(Unit : mm,kg)

8	DIA	PL	234* 6	308	47.10	3.39	27	SM400A		
1	H.H	PL	270* 16	630	125.6	21.4	21	SM400A		
1	H.H	PL	270* 9	450	70.65	8.58	9	SS400		
6	H.H	BN	M 16* 60			0.124	1	SUS304		
J8-J9							3922 kg			

APPROACH BRIDGE DECK PL JL5-JL6 J9-J10										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3063* 16	5856	125.6	2253	2253	SM490YA		
4	URIB6	U	320* 240* 8	5831	42.30	247	988	SM490YA		
8	DIA	PL	234* 6	308	47.10	3.39	27	SM400A		
J9-J10							3268 kg			

APPROACH BRIDGE DECK PL JL5-JL6 J10-J11										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3064* 16	7092	125.6	2729	2729	SM400A		
4	URIB6	U	320* 240* 8	7067	42.30	299	1196	SM400A		
8	DIA	PL	234* 6	308	47.10	3.39	27	SM400A		
1	H.H	PL	270* 16	630	125.6	21.4	21	SM400A		
1	H.H	PL	270* 9	450	70.65	8.58	9	SS400		
6	H.H	BN	M 16* 60			0.124	1	SUS304		
J10-J11							3983 kg			

APPROACH BRIDGE DECK PL JL5-JL6 J11-J12										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3065* 16	8395	125.6	3232	3232	SM400A		
4	URIB6	U	320* 240* 8	8368	42.30	354	1416	SM400A		
8	DIA	PL	234* 6	308	47.10	3.39	27	SM400A		
2	H.H	PL	270* 16	630	125.6	21.4	43	SM400A		
2	H.H	PL	270* 9	450	70.65	8.58	17	SS400		
12	H.H	BN	M 16* 60			0.124	1	SUS304		
J11-J12							4736 kg			

APPROACH BRIDGE DECK PL JL5-JL6 J12-J13										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3065* 16	8395	125.6	3232	3232	SM400A		

Calculation of Steel Weight

(Unit : mm,kg)

4	URIB6	U	320* 240* 8	8368	42.30	354	1416	SM400A		
8	DIA	PL	234* 6	308	47.10	3.39	27	SM400A		
J12-J13							4675 kg			

APPROACH BRIDGE DECK PL JL5-JL6 J13-J14										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3064* 16	7195	125.6	2769	2769	SM400A		
4	URIB6	U	320* 240* 8	7169	42.30	303	1212	SM400A		
8	DIA	PL	234* 6	308	47.10	3.39	27	SM400A		
1	H.H	PL	270* 16	630	125.6	21.4	21	SM400A		
1	H.H	PL	270* 9	450	70.65	8.58	9	SS400		
6	H.H	BN	M 16* 60			0.124	1	SUS304		
J13-J14							4039 kg			

APPROACH BRIDGE DECK PL JL5-JL6 J14-J15										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3065* 16	8394	125.6	3232	3232	SM400A		
4	URIB6	U	320* 240* 8	8368	42.30	354	1416	SM400A		
8	DIA	PL	234* 6	308	47.10	3.39	27	SM400A		
2	H.H	PL	270* 16	630	125.6	21.4	43	SM400A		
2	H.H	PL	270* 9	450	70.65	8.58	17	SS400		
12	H.H	BN	M 16* 60			0.124	1	SUS304		
J14-J15							4736 kg			

APPROACH BRIDGE DECK PL JL5-JL6 J15-J16										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3064* 16	7195	125.6	2769	2769	SM400A		
4	URIB6	U	320* 240* 8	7169	42.30	303	1212	SM400A		
8	DIA	PL	234* 6	308	47.10	3.39	27	SM400A		
1	H.H	PL	270* 16	630	125.6	21.4	21	SM400A		
1	H.H	PL	270* 9	450	70.65	8.58	9	SS400		
6	H.H	BN	M 16* 60			0.124	1	SUS304		
J15-J16							4039 kg			

APPROACH BRIDGE DECK PL JL5-JL6 J16-J17										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks

Calculation of Steel Weight

(Unit : mm,kg)

1	DECK	PL	3065* 16	8394	125.6	3232	3232	SM400A		
4	URIB6	U	320* 240* 8	8367	42.30	354	1416	SM400A		
8	DIA	PL	234* 6	308	47.10	3.39	27	SM400A		
J16-J17							4675 kg			

APPROACH BRIDGE DECK PL JL5-JL6 J17-J18										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3065* 16	8394	125.6	3232	3232	SM490YA		
4	URIB6	U	320* 240* 8	8367	42.30	354	1416	SM490YA		
8	DIA	PL	234* 6	308	47.10	3.39	27	SM400A		
2	H.H	PL	270* 16	630	125.6	21.4	43	SM490YA		
2	H.H	PL	270* 9	450	70.65	8.58	17	SS400		
12	H.H	BN	M 16* 60			0.124	1	SUS304		
J17-J18							4736 kg			

APPROACH BRIDGE DECK PL JL5-JL6 J18-J19										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3063* 16	6843	125.6	2633	2633	SM490YA		
4	URIB6	U	320* 240* 8	6817	42.30	288	1152	SM490YA		
8	DIA	PL	234* 6	308	47.10	3.39	27	SM400A		
1	H.H	PL	270* 16	630	125.6	21.4	21	SM490YA		
1	H.H	PL	270* 9	450	70.65	8.58	9	SS400		
6	H.H	BN	M 16* 60			0.124	1	SUS304		
J18-J19							3843 kg			

APPROACH BRIDGE DECK PL JL5-JL6 J19-J20										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3063* 16	6189	125.6	2381	2381	SM490YA		
4	URIB6	U	320* 240* 8	6164	42.30	261	1044	SM490YA		
8	DIA	PL	234* 6	308	47.10	3.39	27	SM400A		
J19-J20							3452 kg			

APPROACH BRIDGE DECK PL JL5-JL6 J20-J21										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3063* 16	6492	125.6	2497	2497	SM490YA		
4	URIB6	U	320* 240* 8	6467	42.30	274	1096	SM490YA		

Calculation of Steel Weight

(Unit : mm,kg)

8	DIA	PL	234* 6	308	47.10	3.39	27	SM400A		
1	H.H	PL	270* 16	630	125.6	21.4	21	SM490YA		
1	H.H	PL	270* 9	450	70.65	8.58	9	SS400		
6	H.H	BN	M 16* 60			0.124	1	SUS304		
J20-J21							3651 kg			

APPROACH BRIDGE DECK PL JL5-JL6 J21-J22										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3064* 16	7045	125.6	2712	2712	SM400A		
4	URIB6	U	320* 240* 8	7019	42.30	297	1188	SM400A		
8	DIA	PL	234* 6	308	47.10	3.39	27	SM400A		
1	H.H	PL	270* 16	630	125.6	21.4	21	SM400A		
1	H.H	PL	270* 9	450	70.65	8.58	9	SS400		
6	H.H	BN	M 16* 60			0.124	1	SUS304		
J21-J22							3958 kg			

APPROACH BRIDGE DECK PL JL5-JL6 J22-J23										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3065* 16	8219	125.6	3164	3164	SM400A		
4	URIB6	U	320* 240* 8	8192	42.30	347	1388	SM400A		
8	DIA	PL	234* 6	308	47.10	3.39	27	SM400A		
2	H.H	PL	270* 16	630	125.6	21.4	43	SM400A		
2	H.H	PL	270* 9	450	70.65	8.58	17	SS400		
12	H.H	BN	M 16* 60			0.124	1	SUS304		
J22-J23							4640 kg			

APPROACH BRIDGE DECK PL JL5-JL6 J23-J24										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3064* 16	8219	125.6	3163	3163	SM400A		
4	URIB6	U	320* 240* 8	8192	42.30	347	1388	SM400A		
8	DIA	PL	234* 6	308	47.10	3.39	27	SM400A		
J23-J24							4578 kg			

APPROACH BRIDGE DECK PL JL5-JL6 J24-J25										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3065* 16	8139	125.6	3134	3134	SM490YA		

Calculation of Steel Weight

(Unit : mm,kg)

4	URIB6	U	320* 240* 8	8113	42.30	343	1372	SM490YA		
8	DIA	PL	234* 6	308	47.10	3.39	27	SM400A		
2	H.H	PL	270* 16	630	125.6	21.4	43	SM490YA		
2	H.H	PL	270* 9	450	70.65	8.58	17	SS400		
12	H.H	BN	M 16* 60			0.124	1	SUS304		
J24-J25							4594 kg			

APPROACH BRIDGE DECK PL JL5-JL6 J25-J26										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3098* 16	8384	125.6	3262	3262	SM490YA		
4	URIB6	U	320* 240* 8	8324	42.30	352	1408	SM490YA		
8	DIA	PL	234* 6	308	47.10	3.39	27	SM400A		
J25-J26							4697 kg			

APPROACH BRIDGE DECK PL JL5-JL6 J26-J27										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3075* 16	8023	125.6	3099	3099	SM490YA		
4	URIB6	U	320* 240* 8	7981	42.30	338	1352	SM490YA		
8	DIA	PL	234* 6	308	47.10	3.39	27	SM400A		
2	H.H	PL	270* 16	630	125.6	21.4	43	SM490YA		
2	H.H	PL	270* 9	450	70.65	8.58	17	SS400		
12	H.H	BN	M 16* 60			0.124	1	SUS304		
J26-J27							4539 kg			

APPROACH BRIDGE DECK PL JL5-JL6 J27-J28										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3061* 16	7046	125.6	2709	2709	SM490YA		
4	URIB6	U	320* 240* 8	7026	42.30	297	1188	SM490YA		
8	DIA	PL	234* 6	308	47.10	3.39	27	SM400A		
1	H.H	PL	270* 16	630	125.6	21.4	21	SM490YA		
1	H.H	PL	270* 9	450	70.65	8.58	9	SS400		
6	H.H	BN	M 16* 60			0.124	1	SUS304		
J27-J28							3955 kg			

APPROACH BRIDGE DECK PL JL5-JL6 J28-J29										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks

Calculation of Steel Weight

(Unit : mm,kg)

1	DECK	PL	3061* 16	7085	125.6	2724	2724	SM490YA		
4	URIB6	U	320* 240* 8	7064	42.30	299	1196	SM490YA		
8	DIA	PL	234* 6	308	47.10	3.39	27	SM400A		
1	H.H	PL	270* 16	630	125.6	21.4	21	SM490YA		
1	H.H	PL	270* 9	450	70.65	8.58	9	SS400		
6	H.H	BN	M 16* 60			0.124	1	SUS304		
J28-J29							3978 kg			

APPROACH BRIDGE DECK PL JL5-JL6 J29-J30										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3061* 16	8377	125.6	3220	3220	SM490YA		
4	URIB6	U	320* 240* 8	8357	42.30	354	1416	SM490YA		
8	DIA	PL	234* 6	308	47.10	3.39	27	SM400A		
J29-J30							4663 kg			

APPROACH BRIDGE DECK PL JL5-JL6 J30-J31										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3061* 16	8136	125.6	3127	3127	SM490YA		
4	URIB6	U	320* 240* 8	8115	42.30	343	1372	SM490YA		
8	DIA	PL	234* 6	308	47.10	3.39	27	SM400A		
2	H.H	PL	270* 16	630	125.6	21.4	43	SM490YA		
2	H.H	PL	270* 9	450	70.65	8.58	17	SS400		
12	H.H	BN	M 16* 60			0.124	1	SUS304		
J30-J31							4587 kg			

APPROACH BRIDGE DECK PL JL5-JL6 J31-J32										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3084* 16	8240	125.6	3191	3191	SM400A		
4	URIB6	U	320* 240* 8	8187	42.30	346	1384	SM400A		
8	DIA	PL	234* 6	308	47.10	3.39	27	SM400A		
J31-J32							4602 kg			

APPROACH BRIDGE DECK PL JL5-JL6 J32-GE2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3070* 16	6129	125.6	2364	2364	SM400A		
1	DECK	PL	3070* 16	1320	125.6	509	509	SM400A		

Calculation of Steel Weight

(Unit : mm,kg)

4	URIB6	U	320* 240* 8	4046	42.30	171	684	SM400A		
4	DIA	PL	234* 6	308	47.10	3.39	14	SM400A		
8	RIB6	PL	750* 24	3261	188.4	276	2208	SM400A	60	
1	END	PL	260* 10	175	78.50	3.57	4	SM400A		
1	END	PL	260* 10	2696	78.50	55.0	55	SM400A		
1	END	PL	260* 10	175	78.50	3.57	4	SM400A		
4	H-RIB	PL	296* 9	320	70.65	6.69	27	SM400A		
4	BACKING	FB	50* 6	654	2.360	1.54	6	SS400		
4	BACKING	FB	50* 6	226	2.360	0.533	2	SS400		
J32-GE2							5877 kg			
JL5-JL6							147322 kg			

APPROACH BRIDGE DECK PL JL6-JL6A GE1-J1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1920* 16	1120	125.6	270	270	SM490YA		
1	DECK	PL	1920* 16	7267	125.6	1752	1752	SM490YA		
3	URIB7	U	320* 240* 8	5201	42.30	220	660	SM400A		
3	DIA	PL	234* 6	308	47.10	3.39	10	SM400A		
6	RIB7	PL	750* 24	3054	188.4	259	1554	SM400A	60	
1	END	PL	260* 10	1926	78.50	39.3	39	SM400A		
3	H-RIB	PL	296* 9	320	70.65	6.69	20	SM400A		
3	BACKING	FB	50* 6	654	2.360	1.54	5	SS400		
3	BACKING	FB	50* 6	226	2.360	0.533	2	SS400		
GE1-J1							4312 kg			

APPROACH BRIDGE DECK PL JL6-JL6A J1-J2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1900* 16	8258	125.6	1971	1971	SM400A		
3	URIB7	U	320* 240* 8	8228	42.30	348	1044	SM400A		
6	DIA	PL	234* 6	308	47.10	3.39	20	SM400A		
J1-J2							3035 kg			

APPROACH BRIDGE DECK PL JL6-JL6A J2-J3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1900* 16	8295	125.6	1979	1979	SM400A		
3	URIB7	U	320* 240* 8	8266	42.30	350	1050	SM400A		
6	DIA	PL	234* 6	308	47.10	3.39	20	SM400A		

Calculation of Steel Weight

(Unit : mm,kg)

J2-J3	3049 kg
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APPROACH BRIDGE DECK PL JL6-JL6A J3-J4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1900* 16	8246	125.6	1968	1968	SM400A		
3	URIB7	U	320* 240* 8	8213	42.30	347	1041	SM400A		
6	DIA	PL	234* 6	308	47.10	3.39	20	SM400A		
							J3-J4	3029 kg		

APPROACH BRIDGE DECK PL JL6-JL6A J4-J5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1900* 16	8345	125.6	1992	1992	SM400A		
3	URIB7	U	320* 240* 8	8312	42.30	352	1056	SM400A		
6	DIA	PL	234* 6	308	47.10	3.39	20	SM400A		
							J4-J5	3068 kg		

APPROACH BRIDGE DECK PL JL6-JL6A J5-J6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1900* 16	8295	125.6	1979	1979	SM400A		
3	URIB7	U	320* 240* 8	8265	42.30	350	1050	SM400A		
6	DIA	PL	234* 6	308	47.10	3.39	20	SM400A		
							J5-J6	3049 kg		

APPROACH BRIDGE DECK PL JL6-JL6A J6-J7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1900* 16	8295	125.6	1979	1979	SM400A		
3	URIB7	U	320* 240* 8	8263	42.30	350	1050	SM400A		
6	DIA	PL	234* 6	308	47.10	3.39	20	SM400A		
							J6-J7	3049 kg		

APPROACH BRIDGE DECK PL JL6-JL6A J7-J8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1900* 16	8295	125.6	1979	1979	SM400A		
3	URIB7	U	320* 240* 8	8264	42.30	350	1050	SM400A		

Calculation of Steel Weight

(Unit : mm,kg)

6	DIA	PL	234* 6	308	47.10	3.39	20	SM400A		
J7-J8							3049 kg			

APPROACH BRIDGE DECK PL JL6-JL6A J8-J9										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1900* 16	6973	125.6	1664	1664	SM400A		
3	URIB7	U	320* 240* 8	6942	42.30	294	882	SM400A		
6	DIA	PL	234* 6	308	47.10	3.39	20	SM400A		
J8-J9							2566 kg			

APPROACH BRIDGE DECK PL JL6-JL6A J9-J10										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1900* 16	5847	125.6	1395	1395	SM490YA		
3	URIB7	U	320* 240* 8	5820	42.30	246	738	SM490YA		
6	DIA	PL	234* 6	308	47.10	3.39	20	SM400A		
J9-J10							2153 kg			

APPROACH BRIDGE DECK PL JL6-JL6A J10-J11										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1900* 16	7082	125.6	1691	1691	SM400A		
3	URIB7	U	320* 240* 8	7052	42.30	298	894	SM400A		
6	DIA	PL	234* 6	308	47.10	3.39	20	SM400A		
J10-J11							2605 kg			

APPROACH BRIDGE DECK PL JL6-JL6A J11-J12										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1900* 16	8382	125.6	2001	2001	SM400A		
3	URIB7	U	320* 240* 8	8352	42.30	353	1059	SM400A		
6	DIA	PL	234* 6	308	47.10	3.39	20	SM400A		
J11-J12							3080 kg			

APPROACH BRIDGE DECK PL JL6-JL6A J12-J13										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1900* 16	8382	125.6	2001	2001	SM400A		

Calculation of Steel Weight

(Unit : mm,kg)

3	URIB7	U	320* 240* 8	8351	42.30	353	1059	SM400A		
6	DIA	PL	234* 6	308	47.10	3.39	20	SM400A		
J12-J13							3080 kg			

APPROACH BRIDGE DECK PL JL6-JL6A J13-J14										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1900* 16	7184	125.6	1714	1714	SM400A		
3	URIB7	U	320* 240* 8	7156	42.30	303	909	SM400A		
6	DIA	PL	234* 6	308	47.10	3.39	20	SM400A		
J13-J14							2643 kg			

APPROACH BRIDGE DECK PL JL6-JL6A J14-J15										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1900* 16	8382	125.6	2001	2001	SM400A		
3	URIB7	U	320* 240* 8	8352	42.30	353	1059	SM400A		
6	DIA	PL	234* 6	308	47.10	3.39	20	SM400A		
J14-J15							3080 kg			

APPROACH BRIDGE DECK PL JL6-JL6A J15-J16										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1900* 16	7184	125.6	1714	1714	SM400A		
3	URIB7	U	320* 240* 8	7150	42.30	302	906	SM400A		
6	DIA	PL	234* 6	308	47.10	3.39	20	SM400A		
J15-J16							2640 kg			

APPROACH BRIDGE DECK PL JL6-JL6A J16-J17										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1900* 16	8383	125.6	2001	2001	SM400A		
3	URIB7	U	320* 240* 8	8358	42.30	354	1062	SM400A		
6	DIA	PL	234* 6	308	47.10	3.39	20	SM400A		
J16-J17							3083 kg			

APPROACH BRIDGE DECK PL JL6-JL6A J17-J18										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks

Calculation of Steel Weight

(Unit : mm,kg)

1	DECK	PL	1900* 16	8384	125.6	2001	2001	SM490YA		
3	URIB7	U	320* 240* 8	8365	42.30	354	1062	SM490YA		
6	DIA	PL	234* 6	308	47.10	3.39	20	SM400A		
3	RIB7	PL	250* 24	8361	188.4	394	1182	SM490YB		
J17-J18							4265 kg			
JL6-JL6A							54835 kg			

APPROACH BRIDGE DECK PL JL6A-JL6B GE1-J1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1900* 16	1120	125.6	267	267	SM490YA		
1	DECK	PL	1900* 16	7267	125.6	1735	1735	SM490YA		
3	URIB7	U	320* 240* 8	5190	42.30	220	660	SM400A		
3	DIA	PL	234* 6	308	47.10	3.39	10	SM400A		
6	RIB7	PL	750* 24	3054	188.4	259	1554	SM400A	60	
1	END	PL	260* 10	1906	78.50	38.9	39	SM400A		
3	H-RIB	PL	296* 9	320	70.65	6.69	20	SM400A		
3	BACKING	FB	50* 6	654	2.360	1.54	5	SS400		
3	BACKING	FB	50* 6	226	2.360	0.533	2	SS400		
GE1-J1							4292 kg			

APPROACH BRIDGE DECK PL JL6A-JL6B J1-J2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1920* 16	8258	125.6	1992	1992	SM400A		
3	URIB7	U	320* 240* 8	8224	42.30	348	1044	SM400A		
6	DIA	PL	234* 6	308	47.10	3.39	20	SM400A		
J1-J2							3056 kg			

APPROACH BRIDGE DECK PL JL6A-JL6B J2-J3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1920* 16	8295	125.6	2001	2001	SM400A		
3	URIB7	U	320* 240* 8	8260	42.30	349	1047	SM400A		
6	DIA	PL	234* 6	308	47.10	3.39	20	SM400A		
J2-J3							3068 kg			

APPROACH BRIDGE DECK PL JL6A-JL6B J3-J4										
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Calculation of Steel Weight

(Unit : mm,kg)

Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1920* 16	8237	125.6	1987	1987	SM400A		
3	URIB7	U	320* 240* 8	8213	42.30	347	1041	SM400A		
6	DIA	PL	234* 6	308	47.10	3.39	20	SM400A		
J3-J4							3048 kg			

APPROACH BRIDGE DECK PL JL6A-JL6B J4-J5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1920* 16	8337	125.6	2011	2011	SM400A		
3	URIB7	U	320* 240* 8	8312	42.30	352	1056	SM400A		
6	DIA	PL	234* 6	308	47.10	3.39	20	SM400A		
J4-J5							3087 kg			

APPROACH BRIDGE DECK PL JL6A-JL6B J5-J6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1920* 16	8286	125.6	1998	1998	SM400A		
3	URIB7	U	320* 240* 8	8265	42.30	350	1050	SM400A		
6	DIA	PL	234* 6	308	47.10	3.39	20	SM400A		
J5-J6							3068 kg			

APPROACH BRIDGE DECK PL JL6A-JL6B J6-J7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1920* 16	8287	125.6	1998	1998	SM400A		
3	URIB7	U	320* 240* 8	8263	42.30	350	1050	SM400A		
6	DIA	PL	234* 6	308	47.10	3.39	20	SM400A		
J6-J7							3068 kg			

APPROACH BRIDGE DECK PL JL6A-JL6B J7-J8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1920* 16	8288	125.6	1998	1998	SM400A		
3	URIB7	U	320* 240* 8	8264	42.30	350	1050	SM400A		
6	DIA	PL	234* 6	308	47.10	3.39	20	SM400A		
J7-J8							3068 kg			
JL6A-JL6B							25755 kg			

APPROACH BRIDGE DECK PL JL6B-JL6C GE1-J1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1920* 16	1120	125.6	270	270	SM490YA		
1	DECK	PL	1920* 16	7267	125.6	1752	1752	SM490YA		
3	URIB7	U	320* 240* 8	5187	42.30	219	657	SM400A		
3	DIA	PL	234* 6	308	47.10	3.39	10	SM400A		
6	RIB7	PL	750* 24	3046	188.4	258	1548	SM400A	60	
1	END	PL	260* 10	1926	78.50	39.3	39	SM400A		
3	H-RIB	PL	296* 9	320	70.65	6.69	20	SM400A		
3	BACKING	FB	50* 6	654	2.360	1.54	5	SS400		
3	BACKING	FB	50* 6	226	2.360	0.533	2	SS400		
GE1-J1							4303 kg			

APPROACH BRIDGE DECK PL JL6B-JL6C J1-J2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1920* 16	8258	125.6	1992	1992	SM400A		
3	URIB7	U	320* 240* 8	8224	42.30	348	1044	SM400A		
6	DIA	PL	234* 6	308	47.10	3.39	20	SM400A		
J1-J2							3056 kg			
JL6B-JL6C							7359 kg			

APPROACH BRIDGE DECK PL JL6C-JL7 GE1-J1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	2145* 16	1120	125.6	302	302	SM490YA		
1	DECK	PL	2145* 16	7267	125.6	1958	1958	SM490YA		
1	URIB7	U	320* 240* 8	5182	42.30	219	219	SM400A		
1	DIA	PL	234* 6	308	47.10	3.39	3	SM400A		
1	URIB7	U	320* 240* 8	5185	42.30	219	219	SM400A		
1	DIA	PL	234* 6	308	47.10	3.39	3	SM400A		
2	RIB7	PL	750* 24	3044	188.4	258	516	SM400A	60	
1	RIB7	PL	750* 24	8233	188.4	524	524	SM400A	45	
1	RIB7	PL	750* 24	7664	188.4	487	487	SM400A	45	
1	RIB7	PL	750* 24	8239	188.4	524	524	SM400A	45	
2	RIB7	PL	750* 24	3046	188.4	258	516	SM400A	60	
1	END	PL	260* 10	2150	78.50	43.9	44	SM400A		
2	H-RIB	PL	296* 9	320	70.65	6.69	13	SM400A		
2	BACKING	FB	50* 6	654	2.360	1.54	3	SS400		

Calculation of Steel Weight

(Unit : mm,kg)

2	BACKING	FB	50* 6	226	2.360	0.533	1	SS400		
							5332 kg			
GE1-J1										

APPROACH BRIDGE DECK PL JL6C-JL7 J1-J2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1724* 16	8258	125.6	1789	1789	SM400A		
1	URIB7	U	320* 240* 8	8221	42.30	348	348	SM400A		
2	DIA	PL	234* 6	308	47.10	3.39	7	SM400A		
1	URIB7	U	320* 240* 8	4095	42.30	173	173	SM400A		
2	DIA	PL	234* 6	308	47.10	3.39	7	SM400A		
2	RIB7	PL	250* 24	4118	188.4	194	388	SM400A		
1	RIB7	PL	250* 24	6460	188.4	304	304	SM400A		
1	RIB7	PL	250* 24	8222	188.4	387	387	SM400A		
							3403 kg			
J1-J2										
							8735 kg			
JL6C-JL7										

APPROACH BRIDGE DECK PL JL6-JL7 J18-J19										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3093* 16	6840	125.6	2658	2658	SM490YA		
2	URIB7	U	320* 240* 8	6808	42.30	288	576	SM490YA		
4	DIA	PL	234* 6	308	47.10	3.39	14	SM400A		
1	URIB7	U	320* 240* 8	4183	42.30	177	177	SM490YA		
2	DIA	PL	234* 6	308	47.10	3.39	7	SM400A		
1	URIB7	U	320* 240* 8	6815	42.30	288	288	SM490YA		
2	DIA	PL	234* 6	308	47.10	3.39	7	SM400A		
1	RIB7	PL	250* 24	3856	188.4	182	182	SM490YB		
1	RIB7	PL	250* 24	3855	188.4	182	182	SM490YB		
1	RIB7	PL	250* 24	5309	188.4	250	250	SM490YB		
1	RIB7	PL	250* 24	2957	188.4	139	139	SM490YB		
1	RIB7	PL	250* 24	6822	188.4	321	321	SM490YB		
							4801 kg			
J18-J19										

APPROACH BRIDGE DECK PL JL6-JL7 J19-J20										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	2598* 16	6190	125.6	2020	2020	SM490YA		
1	URIB7	U	320* 240* 8	6159	42.30	261	261	SM490YA		
2	DIA	PL	234* 6	308	47.10	3.39	7	SM400A		

Calculation of Steel Weight

(Unit : mm,kg)

1	URIB7	U	320* 240* 8	5408	42.30	229	229	SM490YA		
2	DIA	PL	234* 6	308	47.10	3.39	7	SM400A		
1	URIB7	U	320* 240* 8	6165	42.30	261	261	SM490YA		
2	DIA	PL	234* 6	308	47.10	3.39	7	SM400A		
1	RIB7	PL	250* 24	6158	188.4	290	290	SM490YB		
1	RIB7	PL	250* 24	3194	188.4	150	150	SM490YB		
1	RIB7	PL	250* 24	6173	188.4	291	291	SM490YB		
2	RIB7	PL	250* 24	749	188.4	35.3	71	SM490YB		
1	RIB7	PL	250* 24	1453	188.4	68.4	68	SM490YB		
J19-J20										
							3662 kg			

APPROACH BRIDGE DECK PL JL6-JL7 J20-J21										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	2151* 16	6491	125.6	1753	1753	SM490YA		
1	URIB7	U	320* 240* 8	6461	42.30	273	273	SM490YA		
2	DIA	PL	234* 6	308	47.10	3.39	7	SM400A		
1	URIB7	U	320* 240* 8	6474	42.30	274	274	SM490YA		
2	DIA	PL	234* 6	308	47.10	3.39	7	SM400A		
1	RIB7	PL	250* 24	6459	188.4	304	304	SM490YB		
1	RIB7	PL	250* 24	5893	188.4	278	278	SM490YB		
1	RIB7	PL	250* 24	6476	188.4	305	305	SM490YB		
J20-J21										
							3201 kg			

APPROACH BRIDGE DECK PL JL6-JL7 J21-J22										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1682* 16	7045	125.6	1488	1488	SM400A		
2	URIB7	U	320* 240* 8	7024	42.30	297	594	SM400A		
4	DIA	PL	234* 6	308	47.10	3.39	14	SM400A		
1	RIB7	PL	250* 24	4101	188.4	193	193	SM400A		
1	RIB7	PL	250* 24	7031	188.4	331	331	SM400A		
J21-J22										
							2620 kg			

APPROACH BRIDGE DECK PL JL6-JL7 J22-J23										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1294* 16	8207	125.6	1334	1334	SM400A		
2	URIB7	U	320* 240* 8	8184	42.30	346	692	SM400A		
4	DIA	PL	234* 6	308	47.10	3.39	14	SM400A		
1	RIB7	PL	250* 24	8184	188.4	385	385	SM400A		

Calculation of Steel Weight

(Unit : mm,kg)

J22-J23	2425 kg
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APPROACH BRIDGE DECK PL JL6-JL7 J23-J24										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1294* 16	8207	125.6	1334	1334	SM400A		
2	URIB7	U	320* 240* 8	8183	42.30	346	692	SM400A		
4	DIA	PL	234* 6	308	47.10	3.39	14	SM400A		
1	RIB7	PL	250* 24	8183	188.4	385	385	SM400A		
J23-J24							2425 kg			

APPROACH BRIDGE DECK PL JL6-JL7 J24-J25										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1294* 16	8127	125.6	1321	1321	SM490YA		
2	URIB7	U	320* 240* 8	8104	42.30	343	686	SM490YA		
4	DIA	PL	234* 6	308	47.10	3.39	14	SM400A		
1	RIB7	PL	250* 24	8104	188.4	382	382	SM490YB		
J24-J25							2403 kg			

APPROACH BRIDGE DECK PL JL6-JL7 J25-J26										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1327* 16	8303	125.6	1384	1384	SM490YA		
2	URIB7	U	320* 240* 8	8266	42.30	350	700	SM490YA		
4	DIA	PL	234* 6	308	47.10	3.39	14	SM400A		
1	RIB7	PL	250* 24	8266	188.4	389	389	SM490YB		
J25-J26							2487 kg			

APPROACH BRIDGE DECK PL JL6-JL7 J26-J27										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1305* 16	7980	125.6	1307	1307	SM490YA		
2	URIB7	U	320* 240* 8	7950	42.30	336	672	SM490YA		
4	DIA	PL	234* 6	308	47.10	3.39	14	SM400A		
1	RIB7	PL	250* 24	7950	188.4	375	375	SM490YB		
J26-J27							2368 kg			

APPROACH BRIDGE DECK PL JL6-JL7 J27-J28										
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Calculation of Steel Weight

(Unit : mm,kg)

Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1290* 16	7046	125.6	1142	1142	SM490YA		
2	URIB7	U	320* 240* 8	7026	42.30	297	594	SM490YA		
4	DIA	PL	234* 6	308	47.10	3.39	14	SM400A		
1	RIB7	PL	250* 24	7026	188.4	331	331	SM490YB		
J27-J28							2081 kg			

APPROACH BRIDGE DECK PL JL6-JL7 J28-J29										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1290* 16	7085	125.6	1148	1148	SM490YA		
2	URIB7	U	320* 240* 8	7064	42.30	299	598	SM490YA		
4	DIA	PL	234* 6	308	47.10	3.39	14	SM400A		
1	RIB7	PL	250* 24	7064	188.4	333	333	SM490YB		
J28-J29							2093 kg			

APPROACH BRIDGE DECK PL JL6-JL7 J29-J30										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1290* 16	8377	125.6	1358	1358	SM490YA		
2	URIB7	U	320* 240* 8	8357	42.30	354	708	SM490YA		
4	DIA	PL	234* 6	308	47.10	3.39	14	SM400A		
1	RIB7	PL	250* 24	8357	188.4	394	394	SM490YB		
J29-J30							2474 kg			

APPROACH BRIDGE DECK PL JL6-JL7 J30-J31										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1290* 16	8136	125.6	1319	1319	SM490YA		
2	URIB7	U	320* 240* 8	8115	42.30	343	686	SM490YA		
4	DIA	PL	234* 6	308	47.10	3.39	14	SM400A		
1	RIB7	PL	250* 24	8115	188.4	382	382	SM490YB		
J30-J31							2401 kg			

APPROACH BRIDGE DECK PL JL6-JL7 J31-J32										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1314* 16	8267	125.6	1364	1364	SM400A		
2	URIB7	U	320* 240* 8	8233	42.30	348	696	SM400A		

Caluculation of Steel Weight

(Unit : mm,kg)

4	DIA	PL	234* 6	308	47.10	3.39	14	SM400A		
1	RIB7	PL	250* 24	8233	188.4	388	388	SM400A		
J31-J32							2462 kg			

APPROACH BRIDGE DECK PL JL6-JL7 J32-GE2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1300* 16	6101	125.6	996	996	SM400A		
1	DECK	PL	1300* 16	1320	125.6	216	216	SM400A		
2	URIB7	U	320* 240* 8	4026	42.30	170	340	SM400A		
2	DIA	PL	234* 6	308	47.10	3.39	7	SM400A		
1	RIB7	PL	750* 24	7296	188.4	464	464	SM400A	45	
4	RIB7	PL	750* 24	3261	188.4	276	1104	SM400A	60	
1	END	PL	260* 10	1296	78.50	26.5	26	SM400A		
2	H-RIB	PL	296* 9	320	70.65	6.69	13	SM400A		
2	BACKING	FB	50* 6	654	2.360	1.54	3	SS400		
2	BACKING	FB	50* 6	226	2.360	0.533	1	SS400		
J32-GE2							3170 kg			
JL6-JL7							41073 kg			

APPROACH BRIDGE DECK PL JL6A-JL7 J8-J9										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3277* 16	6966	125.6	2867	2867	SM400A		
3	URIB7	U	320* 240* 8	6942	42.30	294	882	SM400A		
6	DIA	PL	234* 6	308	47.10	3.39	20	SM400A		
1	URIB7	U	320* 240* 8	6944	42.30	294	294	SM400A		
2	DIA	PL	234* 6	308	47.10	3.39	7	SM400A		
3	RIB7	PL	250* 24	6939	188.4	327	981	SM400A		
J8-J9							5051 kg			

APPROACH BRIDGE DECK PL JL6A-JL7 J9-J10										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3115* 16	5841	125.6	2285	2285	SM490YA		
3	URIB7	U	320* 240* 8	5819	42.30	246	738	SM490YA		
6	DIA	PL	234* 6	308	47.10	3.39	20	SM400A		
1	URIB7	U	320* 240* 8	5814	42.30	246	246	SM490YA		
2	DIA	PL	234* 6	308	47.10	3.39	7	SM400A		
1	RIB7	PL	250* 24	5816	188.4	274	274	SM490YB		

Calculation of Steel Weight

(Unit : mm,kg)

1	RIB7	PL	250* 24	5240	188.4	247	247	SM490YB		
1	RIB7	PL	250* 24	5815	188.4	274	274	SM490YB		
J9-J10							4091 kg			

APPROACH BRIDGE DECK PL JL6A-JL7 J10-J11										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	2996* 16	7075	125.6	2663	2663	SM400A		
3	URIB7	U	320* 240* 8	7052	42.30	298	894	SM400A		
6	DIA	PL	234* 6	308	47.10	3.39	20	SM400A		
1	URIB7	U	320* 240* 8	7053	42.30	298	298	SM400A		
2	DIA	PL	234* 6	308	47.10	3.39	7	SM400A		
2	RIB7	PL	250* 24	7049	188.4	332	664	SM400A		
J10-J11							4546 kg			

APPROACH BRIDGE DECK PL JL6A-JL7 J11-J12										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	2876* 16	8374	125.6	3024	3024	SM400A		
3	URIB7	U	320* 240* 8	8350	42.30	353	1059	SM400A		
6	DIA	PL	234* 6	308	47.10	3.39	20	SM400A		
1	URIB7	U	320* 240* 8	8345	42.30	353	353	SM400A		
2	DIA	PL	234* 6	308	47.10	3.39	7	SM400A		
2	RIB7	PL	250* 24	8346	188.4	393	786	SM400A		
J11-J12							5249 kg			

APPROACH BRIDGE DECK PL JL6A-JL7 J12-J13										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	2765* 16	8374	125.6	2908	2908	SM400A		
3	URIB7	U	320* 240* 8	8351	42.30	353	1059	SM400A		
6	DIA	PL	234* 6	308	47.10	3.39	20	SM400A		
1	URIB7	U	320* 240* 8	8352	42.30	353	353	SM400A		
2	DIA	PL	234* 6	308	47.10	3.39	7	SM400A		
1	RIB7	PL	250* 24	5360	188.4	252	252	SM400A		
1	RIB7	PL	250* 24	8346	188.4	393	393	SM400A		
J12-J13							4992 kg			

APPROACH BRIDGE DECK PL JL6A-JL7 J13-J14										
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Calculation of Steel Weight

(Unit : mm,kg)

Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	2690* 16	7178	125.6	2425	2425	SM400A		
3	URIB7	U	320* 240* 8	7155	42.30	303	909	SM400A		
6	DIA	PL	234* 6	308	47.10	3.39	20	SM400A		
1	URIB7	U	320* 240* 8	7150	42.30	302	302	SM400A		
2	DIA	PL	234* 6	308	47.10	3.39	7	SM400A		
1	RIB7	PL	250* 24	7151	188.4	337	337	SM400A		
J13-J14							4000 kg			

APPROACH BRIDGE DECK PL JL6A-JL7 J14-J15										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	2652* 16	8374	125.6	2790	2790	SM400A		
4	URIB7	U	320* 240* 8	8351	42.30	353	1412	SM400A		
8	DIA	PL	234* 6	308	47.10	3.39	27	SM400A		
1	RIB7	PL	250* 24	8346	188.4	393	393	SM400A		
J14-J15							4622 kg			

APPROACH BRIDGE DECK PL JL6A-JL7 J15-J16										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	2641* 16	7172	125.6	2379	2379	SM400A		
2	URIB7	U	320* 240* 8	7150	42.30	302	604	SM400A		
4	DIA	PL	234* 6	308	47.10	3.39	14	SM400A		
1	URIB7	U	320* 240* 8	587	42.30	24.8	25	SM400A		
2	DIA	PL	234* 6	308	47.10	3.39	7	SM400A		
1	URIB7	U	320* 240* 8	7153	42.30	303	303	SM400A		
2	DIA	PL	234* 6	308	47.10	3.39	7	SM400A		
1	RIB7	PL	250* 24	6555	188.4	309	309	SM400A		
1	RIB7	PL	250* 24	6557	188.4	309	309	SM400A		
1	RIB7	PL	250* 24	7148	188.4	337	337	SM400A		
1	RIB7	PL	250* 24	599	188.4	28.2	28	SM400A		
J15-J16							4322 kg			

APPROACH BRIDGE DECK PL JL6A-JL7 J16-J17										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	2397* 16	8527	125.6	2567	2567	SM400A		
1	URIB7	U	320* 240* 8	8358	42.30	354	354	SM400A		
2	DIA	PL	234* 6	308	47.10	3.39	7	SM400A		
1	URIB7	U	320* 240* 8	2988	42.30	126	126	SM400A		

Calculation of Steel Weight

(Unit : mm,kg)

2	DIA	PL	234* 6	308	47.10	3.39	7	SM400A		
1	URIB7	U	320* 240* 8	8364	42.30	354	354	SM400A		
2	DIA	PL	234* 6	308	47.10	3.39	7	SM400A		
1	RIB7	PL	250* 24	5361	188.4	252	252	SM400A		
1	RIB7	PL	250* 24	5364	188.4	253	253	SM400A		
1	RIB7	PL	250* 24	8370	188.4	394	394	SM400A		
1	RIB7	PL	250* 24	5382	188.4	254	254	SM400A		
J16-J17								4575 kg		

APPROACH BRIDGE DECK PL JL6A-JL7 J17-J18										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1792* 16	8483	125.6	1909	1909	SM490YA		
1	URIB7	U	320* 240* 8	4183	42.30	177	177	SM490YA		
2	DIA	PL	234* 6	308	47.10	3.39	7	SM400A		
1	URIB7	U	320* 240* 8	8371	42.30	354	354	SM490YA		
2	DIA	PL	234* 6	308	47.10	3.39	7	SM400A		
1	RIB7	PL	250* 24	1795	188.4	84.6	85	SM490YB		
1	RIB7	PL	250* 24	6582	188.4	310	310	SM490YB		
1	RIB7	PL	250* 24	8372	188.4	394	394	SM490YB		
1	RIB7	PL	250* 24	4168	188.4	196	196	SM490YB		
1	RIB7	PL	250* 24	4170	188.4	196	196	SM490YB		
J17-J18								3635 kg		
JL6A-JL7								45083 kg		

APPROACH BRIDGE DECK PL JL6B-JL7 J2-J3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3218* 16	8295	125.6	3352	3352	SM400A		
3	URIB7	U	320* 240* 8	8260	42.30	349	1047	SM400A		
6	DIA	PL	234* 6	308	47.10	3.39	20	SM400A		
1	URIB7	U	320* 240* 8	8266	42.30	350	350	SM400A		
2	DIA	PL	234* 6	308	47.10	3.39	7	SM400A		
1	RIB7	PL	250* 24	8252	188.4	389	389	SM400A		
1	RIB7	PL	250* 24	5317	188.4	250	250	SM400A		
1	RIB7	PL	250* 24	8260	188.4	389	389	SM400A		
J2-J3								5804 kg		

APPROACH BRIDGE DECK PL JL6B-JL7 J3-J4										
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Calculation of Steel Weight

(Unit : mm,kg)

Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	2823* 16	8230	125.6	2918	2918	SM400A		
2	URIB7	U	320* 240* 8	8213	42.30	347	694	SM400A		
4	DIA	PL	234* 6	308	47.10	3.39	14	SM400A		
1	URIB7	U	320* 240* 8	1769	42.30	74.8	75	SM400A		
2	DIA	PL	234* 6	308	47.10	3.39	7	SM400A		
1	URIB7	U	320* 240* 8	8216	42.30	348	348	SM400A		
2	DIA	PL	234* 6	308	47.10	3.39	7	SM400A		
1	RIB7	PL	250* 24	6434	188.4	303	303	SM400A		
1	RIB7	PL	250* 24	4134	188.4	195	195	SM400A		
1	RIB7	PL	250* 24	6435	188.4	303	303	SM400A		
1	RIB7	PL	250* 24	8210	188.4	387	387	SM400A		
J3-J4							5251 kg			

APPROACH BRIDGE DECK PL JL6B-JL7 J4-J5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	2464* 16	8330	125.6	2579	2579	SM400A		
1	URIB7	U	320* 240* 8	8312	42.30	352	352	SM400A		
2	DIA	PL	234* 6	308	47.10	3.39	7	SM400A		
1	URIB7	U	320* 240* 8	7730	42.30	327	327	SM400A		
2	DIA	PL	234* 6	308	47.10	3.39	7	SM400A		
1	URIB7	U	320* 240* 8	8315	42.30	352	352	SM400A		
2	DIA	PL	234* 6	308	47.10	3.39	7	SM400A		
1	RIB7	PL	250* 24	8306	188.4	391	391	SM400A		
1	RIB7	PL	250* 24	3002	188.4	141	141	SM400A		
1	RIB7	PL	250* 24	8310	188.4	391	391	SM400A		
2	RIB7	PL	250* 24	576	188.4	27.1	54	SM400A		
J4-J5							4608 kg			

APPROACH BRIDGE DECK PL JL6B-JL7 J5-J6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	2135* 16	8279	125.6	2221	2221	SM400A		
1	URIB7	U	320* 240* 8	8265	42.30	350	350	SM400A		
2	DIA	PL	234* 6	308	47.10	3.39	7	SM400A		
1	URIB7	U	320* 240* 8	8258	42.30	349	349	SM400A		
2	DIA	PL	234* 6	308	47.10	3.39	7	SM400A		
2	RIB7	PL	250* 24	8256	188.4	389	778	SM400A		
1	RIB7	PL	250* 24	1769	188.4	83.3	83	SM400A		
1	RIB7	PL	250* 24	8259	188.4	389	389	SM400A		
1	RIB7	PL	250* 24	2951	188.4	139	139	SM400A		

Calculation of Steel Weight

(Unit : mm,kg)

J5-J6	4323 kg
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APPROACH BRIDGE DECK PL JL6B-JL7 J6-J7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1841* 16	8279	125.6	1914	1914	SM400A		
1	URIB7	U	320* 240* 8	8263	42.30	350	350	SM400A		
2	DIA	PL	234* 6	308	47.10	3.39	7	SM400A		
1	URIB7	U	320* 240* 8	8265	42.30	350	350	SM400A		
2	DIA	PL	234* 6	308	47.10	3.39	7	SM400A		
1	RIB7	PL	250* 24	8257	188.4	389	389	SM400A		
1	RIB7	PL	250* 24	8259	188.4	389	389	SM400A		
J6-J7							3406 kg			

APPROACH BRIDGE DECK PL JL6B-JL7 J7-J8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1582* 16	8279	125.6	1645	1645	SM400A		
1	URIB7	U	320* 240* 8	4132	42.30	175	175	SM400A		
2	DIA	PL	234* 6	308	47.10	3.39	7	SM400A		
1	URIB7	U	320* 240* 8	8258	42.30	349	349	SM400A		
2	DIA	PL	234* 6	308	47.10	3.39	7	SM400A		
1	RIB7	PL	250* 24	6498	188.4	306	306	SM400A		
1	RIB7	PL	250* 24	8259	188.4	389	389	SM400A		
2	RIB7	PL	250* 24	4126	188.4	194	388	SM400A		
J7-J8							3266 kg			
JL6B-JL7							26658 kg			

APPROACH BRIDGE DECK PL JL7-JL8 GE1-J1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3361* 16	1120	125.6	473	473	SM400A		
1	DECK	PL	3361* 16	7400	125.6	3124	3124	SM400A		
5	URIB8	U	320* 240* 8	5098	42.30	216	1080	SM400A		
5	DIA	PL	234* 6	308	47.10	3.39	17	SM400A		
9	RIB8	PL	750* 24	3122	188.4	265	2385	SM400A	60	
1	RIB8	PL	250* 24	2430	188.4	114	114	SM400A		
1	END	PL	260* 10	175	78.50	3.57	4	SM400A		
1	END	PL	260* 10	2710	78.50	55.3	55	SM400A		
1	END	PL	260* 10	594	78.50	12.1	12	SM400A		

Calculation of Steel Weight

(Unit : mm,kg)

5	H-RIB	PL	296* 9	320	70.65	6.69	33	SM400A		
5	BACKING	FB	50* 6	654	2.360	1.54	8	SS400		
5	BACKING	FB	50* 6	226	2.360	0.533	3	SS400		
GE1-J1							7308 kg			

APPROACH BRIDGE DECK PL JL7-JL8 J1-J2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3369* 16	8240	125.6	3487	3487	SM400A		
5	URIB8	U	320* 240* 8	8207	42.30	347	1735	SM400A		
10	DIA	PL	234* 6	308	47.10	3.39	34	SM400A		
2	H.H	PL	270* 16	630	125.6	21.4	43	SM400A		
2	H.H	PL	270* 9	450	70.65	8.58	17	SS400		
12	H.H	BN	M 16* 60			0.124	1	SUS304		
J1-J2							5317 kg			

APPROACH BRIDGE DECK PL JL7-JL8 J2-J3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3368* 16	8277	125.6	3502	3502	SM400A		
5	URIB8	U	320* 240* 8	8243	42.30	349	1745	SM400A		
10	DIA	PL	234* 6	308	47.10	3.39	34	SM400A		
J2-J3							5281 kg			

APPROACH BRIDGE DECK PL JL7-JL8 J3-J4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3369* 16	8227	125.6	3482	3482	SM400A		
5	URIB8	U	320* 240* 8	8193	42.30	347	1735	SM400A		
10	DIA	PL	234* 6	308	47.10	3.39	34	SM400A		
2	H.H	PL	270* 16	630	125.6	21.4	43	SM400A		
2	H.H	PL	270* 9	450	70.65	8.58	17	SS400		
12	H.H	BN	M 16* 60			0.124	1	SUS304		
J3-J4							5312 kg			

APPROACH BRIDGE DECK PL JL7-JL8 J4-J5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3369* 16	8327	125.6	3523	3523	SM400A		
5	URIB8	U	320* 240* 8	8293	42.30	351	1755	SM400A		

Calculation of Steel Weight

(Unit : mm,kg)

10	DIA	PL	234* 6	308	47.10	3.39	34	SM400A		
J4-J5							5312 kg			

APPROACH BRIDGE DECK PL JL7-JL8 J5-J6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3369* 16	8277	125.6	3503	3503	SM400A		
5	URIB8	U	320* 240* 8	8243	42.30	349	1745	SM400A		
10	DIA	PL	234* 6	308	47.10	3.39	34	SM400A		
2	H.H	PL	270* 16	630	125.6	21.4	43	SM400A		
2	H.H	PL	270* 9	450	70.65	8.58	17	SS400		
12	H.H	BN	M 16* 60			0.124	1	SUS304		
J5-J6							5343 kg			

APPROACH BRIDGE DECK PL JL7-JL8 J6-J7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3368* 16	8277	125.6	3502	3502	SM400A		
5	URIB8	U	320* 240* 8	8242	42.30	349	1745	SM400A		
10	DIA	PL	234* 6	308	47.10	3.39	34	SM400A		
J6-J7							5281 kg			

APPROACH BRIDGE DECK PL JL7-JL8 J7-J8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3369* 16	8277	125.6	3503	3503	SM400A		
5	URIB8	U	320* 240* 8	8242	42.30	349	1745	SM400A		
10	DIA	PL	234* 6	308	47.10	3.39	34	SM400A		
2	H.H	PL	270* 16	630	125.6	21.4	43	SM400A		
2	H.H	PL	270* 9	450	70.65	8.58	17	SS400		
12	H.H	BN	M 16* 60			0.124	1	SUS304		
J7-J8							5343 kg			

APPROACH BRIDGE DECK PL JL7-JL8 J8-J9										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3367* 16	6957	125.6	2942	2942	SM400A		
5	URIB8	U	320* 240* 8	6925	42.30	293	1465	SM400A		
10	DIA	PL	234* 6	308	47.10	3.39	34	SM400A		
1	H.H	PL	270* 16	630	125.6	21.4	21	SM400A		

Calculation of Steel Weight

(Unit : mm,kg)

1	H.H	PL	270* 9	450	70.65	8.58	9	SS400		
6	H.H	BN	M 16* 60			0.124	1	SUS304		
J8-J9							4472 kg			

APPROACH BRIDGE DECK PL JL7-JL8 J9-J10										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3365* 16	5834	125.6	2466	2466	SM490YA		
5	URIB8	U	320* 240* 8	5804	42.30	246	1230	SM490YA		
10	DIA	PL	234* 6	308	47.10	3.39	34	SM400A		
J9-J10							3730 kg			

APPROACH BRIDGE DECK PL JL7-JL8 J10-J11										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3367* 16	7066	125.6	2988	2988	SM400A		
5	URIB8	U	320* 240* 8	7034	42.30	298	1490	SM400A		
10	DIA	PL	234* 6	308	47.10	3.39	34	SM400A		
1	H.H	PL	270* 16	630	125.6	21.4	21	SM400A		
1	H.H	PL	270* 9	450	70.65	8.58	9	SS400		
6	H.H	BN	M 16* 60			0.124	1	SUS304		
J10-J11							4543 kg			

APPROACH BRIDGE DECK PL JL7-JL8 J11-J12										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3369* 16	8363	125.6	3538	3538	SM400A		
5	URIB8	U	320* 240* 8	8329	42.30	352	1760	SM400A		
10	DIA	PL	234* 6	308	47.10	3.39	34	SM400A		
2	H.H	PL	270* 16	630	125.6	21.4	43	SM400A		
2	H.H	PL	270* 9	450	70.65	8.58	17	SS400		
12	H.H	BN	M 16* 60			0.124	1	SUS304		
J11-J12							5393 kg			

APPROACH BRIDGE DECK PL JL7-JL8 J12-J13										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3369* 16	8363	125.6	3538	3538	SM400A		
5	URIB8	U	320* 240* 8	8329	42.30	352	1760	SM400A		
10	DIA	PL	234* 6	308	47.10	3.39	34	SM400A		

Calculation of Steel Weight

(Unit : mm,kg)

J12-J13	5332 kg
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APPROACH BRIDGE DECK PL JL7-JL8 J13-J14										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3367* 16	7169	125.6	3032	3032	SM400A		
5	URIB8	U	320* 240* 8	7136	42.30	302	1510	SM400A		
10	DIA	PL	234* 6	308	47.10	3.39	34	SM400A		
1	H.H	PL	270* 16	630	125.6	21.4	21	SM400A		
1	H.H	PL	270* 9	450	70.65	8.58	9	SS400		
6	H.H	BN	M 16* 60			0.124	1	SUS304		
J13-J14							4607 kg			

APPROACH BRIDGE DECK PL JL7-JL8 J14-J15										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3369* 16	8363	125.6	3538	3538	SM400A		
5	URIB8	U	320* 240* 8	8330	42.30	352	1760	SM400A		
10	DIA	PL	234* 6	308	47.10	3.39	34	SM400A		
2	H.H	PL	270* 16	630	125.6	21.4	43	SM400A		
2	H.H	PL	270* 9	450	70.65	8.58	17	SS400		
12	H.H	BN	M 16* 60			0.124	1	SUS304		
J14-J15							5393 kg			

APPROACH BRIDGE DECK PL JL7-JL8 J15-J16										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3455* 16	7390	125.6	3207	3207	SM400A		
5	URIB8	U	320* 240* 8	7257	42.30	307	1535	SM400A		
10	DIA	PL	234* 6	308	47.10	3.39	34	SM400A		
1	H.H	PL	270* 16	630	125.6	21.4	21	SM400A		
1	H.H	PL	270* 9	450	70.65	8.58	9	SS400		
6	H.H	BN	M 16* 60			0.124	1	SUS304		
J15-J16							4807 kg			

APPROACH BRIDGE DECK PL JL7-JL8 J16-J17										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3365* 16	8387	125.6	3544	3544	SM400A		
5	URIB8	U	320* 240* 8	8359	42.30	354	1770	SM400A		

Calculation of Steel Weight

(Unit : mm,kg)

10	DIA	PL	234* 6	308	47.10	3.39	34	SM400A		
J16-J17							5348 kg			

APPROACH BRIDGE DECK PL JL7-JL8 J17-J18										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3365* 16	8389	125.6	3546	3546	SM490YA		
5	URIB8	U	320* 240* 8	8362	42.30	354	1770	SM490YA		
10	DIA	PL	234* 6	308	47.10	3.39	34	SM400A		
2	H.H	PL	270* 16	630	125.6	21.4	43	SM490YA		
2	H.H	PL	270* 9	450	70.65	8.58	17	SS400		
12	H.H	BN	M 16* 60			0.124	1	SUS304		
J17-J18							5411 kg			

APPROACH BRIDGE DECK PL JL7-JL8 J18-J19										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3364* 16	6840	125.6	2890	2890	SM490YA		
5	URIB8	U	320* 240* 8	6813	42.30	288	1440	SM490YA		
10	DIA	PL	234* 6	308	47.10	3.39	34	SM400A		
1	H.H	PL	270* 16	630	125.6	21.4	21	SM490YA		
1	H.H	PL	270* 9	450	70.65	8.58	9	SS400		
6	H.H	BN	M 16* 60			0.124	1	SUS304		
J18-J19							4395 kg			

APPROACH BRIDGE DECK PL JL7-JL8 J19-J20										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3363* 16	6190	125.6	2615	2615	SM490YA		
5	URIB8	U	320* 240* 8	6164	42.30	261	1305	SM490YA		
10	DIA	PL	234* 6	308	47.10	3.39	34	SM400A		
J19-J20							3954 kg			

APPROACH BRIDGE DECK PL JL7-JL8 J20-J21										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3363* 16	6492	125.6	2742	2742	SM490YA		
5	URIB8	U	320* 240* 8	6466	42.30	274	1370	SM490YA		
10	DIA	PL	234* 6	308	47.10	3.39	34	SM400A		
1	H.H	PL	270* 16	630	125.6	21.4	21	SM490YA		

Calculation of Steel Weight

(Unit : mm,kg)

1	H.H	PL	270* 9	450	70.65	8.58	9	SS400		
6	H.H	BN	M 16* 60			0.124	1	SUS304		
J20-J21							4177 kg			

APPROACH BRIDGE DECK PL JL7-JL8 J21-J22										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3431* 16	7053	125.6	3040	3040	SM400A		
5	URIB8	U	320* 240* 8	6907	42.30	292	1460	SM400A		
10	DIA	PL	234* 6	308	47.10	3.39	34	SM400A		
1	H.H	PL	270* 16	630	125.6	21.4	21	SM400A		
1	H.H	PL	270* 9	450	70.65	8.58	9	SS400		
6	H.H	BN	M 16* 60			0.124	1	SUS304		
J21-J22							4565 kg			

APPROACH BRIDGE DECK PL JL7-JL8 J22-J23										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3365* 16	8201	125.6	3467	3467	SM400A		
5	URIB8	U	320* 240* 8	8174	42.30	346	1730	SM400A		
10	DIA	PL	234* 6	308	47.10	3.39	34	SM400A		
2	H.H	PL	270* 16	630	125.6	21.4	43	SM400A		
2	H.H	PL	270* 9	450	70.65	8.58	17	SS400		
12	H.H	BN	M 16* 60			0.124	1	SUS304		
J22-J23							5292 kg			

APPROACH BRIDGE DECK PL JL7-JL8 J23-J24										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3365* 16	8201	125.6	3467	3467	SM400A		
5	URIB8	U	320* 240* 8	8174	42.30	346	1730	SM400A		
10	DIA	PL	234* 6	308	47.10	3.39	34	SM400A		
J23-J24							5231 kg			

APPROACH BRIDGE DECK PL JL7-JL8 J24-J25										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3365* 16	8121	125.6	3433	3433	SM490YA		
5	URIB8	U	320* 240* 8	8094	42.30	342	1710	SM490YA		
10	DIA	PL	234* 6	308	47.10	3.39	34	SM400A		

Calculation of Steel Weight

(Unit : mm,kg)

2	H.H	PL	270* 16	630	125.6	21.4	43	SM490YA		
2	H.H	PL	270* 9	450	70.65	8.58	17	SS400		
12	H.H	BN	M 16* 60			0.124	1	SUS304		
J24-J25							5238 kg			

APPROACH BRIDGE DECK PL JL7-JL8 J25-J26										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3397* 16	8270	125.6	3528	3528	SM490YA		
5	URIB8	U	320* 240* 8	8205	42.30	347	1735	SM490YA		
10	DIA	PL	234* 6	308	47.10	3.39	34	SM400A		
J25-J26							5297 kg			

APPROACH BRIDGE DECK PL JL7-JL8 J26-J27										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3375* 16	7962	125.6	3375	3375	SM490YA		
5	URIB8	U	320* 240* 8	7918	42.30	335	1675	SM490YA		
10	DIA	PL	234* 6	308	47.10	3.39	34	SM400A		
2	H.H	PL	270* 16	630	125.6	21.4	43	SM490YA		
2	H.H	PL	270* 9	450	70.65	8.58	17	SS400		
12	H.H	BN	M 16* 60			0.124	1	SUS304		
J26-J27							5145 kg			

APPROACH BRIDGE DECK PL JL7-JL8 J27-J28										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3361* 16	7046	125.6	2974	2974	SM490YA		
5	URIB8	U	320* 240* 8	7026	42.30	297	1485	SM490YA		
10	DIA	PL	234* 6	308	47.10	3.39	34	SM400A		
1	H.H	PL	270* 16	630	125.6	21.4	21	SM490YA		
1	H.H	PL	270* 9	450	70.65	8.58	9	SS400		
6	H.H	BN	M 16* 60			0.124	1	SUS304		
J27-J28							4524 kg			

APPROACH BRIDGE DECK PL JL7-JL8 J28-J29										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3361* 16	7085	125.6	2991	2991	SM490YA		
5	URIB8	U	320* 240* 8	7064	42.30	299	1495	SM490YA		

Calculation of Steel Weight

(Unit : mm,kg)

10	DIA	PL	234* 6	308	47.10	3.39	34	SM400A		
1	H.H	PL	270* 16	630	125.6	21.4	21	SM490YA		
1	H.H	PL	270* 9	450	70.65	8.58	9	SS400		
6	H.H	BN	M 16* 60			0.124	1	SUS304		
J28-J29							4551 kg			

APPROACH BRIDGE DECK PL JL7-JL8 J29-J30										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3361* 16	8377	125.6	3537	3537	SM490YA		
5	URIB8	U	320* 240* 8	8357	42.30	354	1770	SM490YA		
10	DIA	PL	234* 6	308	47.10	3.39	34	SM400A		
J29-J30							5341 kg			

APPROACH BRIDGE DECK PL JL7-JL8 J30-J31										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3361* 16	8136	125.6	3435	3435	SM490YA		
5	URIB8	U	320* 240* 8	8115	42.30	343	1715	SM490YA		
10	DIA	PL	234* 6	308	47.10	3.39	34	SM400A		
2	H.H	PL	270* 16	630	125.6	21.4	43	SM490YA		
2	H.H	PL	270* 9	450	70.65	8.58	17	SS400		
12	H.H	BN	M 16* 60			0.124	1	SUS304		
J30-J31							5245 kg			

APPROACH BRIDGE DECK PL JL7-JL8 J31-J32										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3385* 16	8339	125.6	3546	3546	SM400A		
5	URIB8	U	320* 240* 8	8283	42.30	350	1750	SM400A		
10	DIA	PL	234* 6	308	47.10	3.39	34	SM400A		
J31-J32							5330 kg			

APPROACH BRIDGE DECK PL JL7-JL8 J32-GE2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	3370* 16	6109	125.6	2586	2586	SM400A		
1	DECK	PL	3370* 16	1320	125.6	559	559	SM400A		
5	URIB8	U	320* 240* 8	4005	42.30	169	845	SM400A		
5	DIA	PL	234* 6	308	47.10	3.39	17	SM400A		

Calculation of Steel Weight

(Unit : mm,kg)

10	RIB9	PL	750* 24	3261	188.4	276	2760	SM400A	60	
1	END	PL	260* 10	175	78.50	3.57	4	SM400A		
1	END	PL	260* 10	2739	78.50	55.9	56	SM400A		
1	END	PL	260* 10	565	78.50	11.5	12	SM400A		
5	H-RIB	PL	296* 9	320	70.65	6.69	33	SM400A		
5	BACKING	FB	50* 6	654	2.360	1.54	8	SS400		
5	BACKING	FB	50* 6	226	2.360	0.533	3	SS400		
J32-GE2							6883 kg			
JL7-JL8							168701 kg			

APPROACH BRIDGE DECK PL JL8-RR1 GE1-J1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1170* 16	1120	125.6	165	165	SM400A		
1	DECK	PL	1170* 16	7455	125.6	1095	1095	SM400A		
3	RIB9	PL	750* 24	8429	188.4	536	1608	SM400A	45	
1	ST-W	PL	900* 9	8540	70.65	272	272	SM400A	50	
1	ST-F	PL	100* 10	8581	78.50	67.4	67	SM400A		
1	END	PL	260* 10	1120	78.50	22.9	23	SM400A		
1	COV	PL	250* 19	362	149.2	13.5	14	SS400		DRAINAGE
2		PL	50* 19	362	149.2	2.70	5	SM400A		
2		PL	50* 19	288	149.2	2.15	4	SM400A		
1		PL	308* 16	420	125.6	16.3	16	SM400A		
1	DOUBL	PL	588* 16	700	125.6	51.7	52	SM400A		
1		PL	210* 16	250	125.6	6.59	7	SM400A		
2		PL	165* 10	229	78.50	2.97	6	SM400A		
2		PL	157* 10	322	78.50	3.97	8	SM400A		
6		PL	25* 10	30	78.50	0.0589	1	SM400A		
1		チェーン	5* 18* 42*250			0.1	1	SUS304		
1	PIPE	STK	165.2* 4.5	530	17.80	9.43	9	STK400		HDG
GE1-J1							3353 kg			

APPROACH BRIDGE DECK PL JL8-RR1 J1-J2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1178* 16	8216	125.6	1216	1216	SM400A		
3	RIB9	PL	250* 24	8192	188.4	386	1158	SM400A		
1	ST-W	PL	400* 9	8206	70.65	232	232	SM400A		
1	ST-F	PL	100* 10	8198	78.50	64.4	64	SM400A		
1	K-DECK	PL	550* 16	1700	125.6	117	117	SM400A		LIGHTING POST
1	K-WEB	PL	284* 12	2138	94.20	57.2	57	SM400A		

Calculation of Steel Weight

(Unit : mm,kg)

2	K-RIB	PL	287* 12	559	94.20	15.1	30	SM400A		
1	K-RIB	PL	364* 12	559	94.20	19.2	19	SM400A		
1	K-FLG	PL	200* 12	474	94.20	8.93	9	SM400A		
1	COV	PL	250* 19	362	149.2	13.5	14	SS400		DRAINAGE
2		PL	50* 19	362	149.2	2.70	5	SM400A		
2		PL	50* 19	288	149.2	2.15	4	SM400A		
1		PL	308* 16	420	125.6	16.3	16	SM400A		
1	DOUBL	PL	588* 16	700	125.6	51.7	52	SM400A		
1		PL	210* 16	250	125.6	6.59	7	SM400A		
2		PL	165* 10	229	78.50	2.97	6	SM400A		
2		PL	157* 10	322	78.50	3.97	8	SM400A		
6		PL	25* 10	30	78.50	0.0589	1	SM400A		
1		チェーン	5* 18* 42*250			0.1	1	SUS304		
1	PIPE	STK	165.2* 4.5	530	17.80	9.43	9	STK400		HDG
							J1-J2	3025 kg		

APPROACH BRIDGE DECK PL JL8-RR1 J2-J3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1178* 16	8249	125.6	1220	1220	SM400A		
3	RIB9	PL	250* 24	8225	188.4	387	1161	SM400A		
1	ST-W	PL	400* 9	8238	70.65	233	233	SM400A		
1	ST-F	PL	100* 10	8230	78.50	64.6	65	SM400A		
1	COV	PL	250* 19	362	149.2	13.5	14	SS400		DRAINAGE
2		PL	50* 19	362	149.2	2.70	5	SM400A		
2		PL	50* 19	288	149.2	2.15	4	SM400A		
1		PL	308* 16	420	125.6	16.3	16	SM400A		
1	DOUBL	PL	588* 16	700	125.6	51.7	52	SM400A		
1		PL	210* 16	250	125.6	6.59	7	SM400A		
2		PL	165* 10	229	78.50	2.97	6	SM400A		
2		PL	157* 10	322	78.50	3.97	8	SM400A		
6		PL	25* 10	30	78.50	0.0589	1	SM400A		
1		チェーン	5* 18* 42*250			0.1	1	SUS304		
1	PIPE	STK	165.2* 4.5	530	17.80	9.43	9	STK400		HDG
							J2-J3	2802 kg		

APPROACH BRIDGE DECK PL JL8-RR1 J3-J4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1179* 16	8199	125.6	1214	1214	SM400A		
3	RIB9	PL	250* 24	8175	188.4	385	1155	SM400A		
1	ST-W	PL	400* 9	8188	70.65	231	231	SM400A		

Calculation of Steel Weight

(Unit : mm,kg)

1	ST-F	PL	100* 10	8180	78.50	64.2	64	SM400A		
1	COV	PL	250* 19	362	149.2	13.5	14	SS400		DRAINAGE
2		PL	50* 19	362	149.2	2.70	5	SM400A		
2		PL	50* 19	288	149.2	2.15	4	SM400A		
1		PL	308* 16	420	125.6	16.3	16	SM400A		
1	DOUBL	PL	588* 16	700	125.6	51.7	52	SM400A		
1		PL	210* 16	250	125.6	6.59	7	SM400A		
2		PL	165* 10	229	78.50	2.97	6	SM400A		
2		PL	157* 10	322	78.50	3.97	8	SM400A		
6		PL	25* 10	30	78.50	0.0589	1	SM400A		
1		チェーン	5* 18* 42*250			0.1	1	SUS304		
1	PIPE	STK	165.2* 4.5	530	17.80	9.43	9	STK400		HDG
J3-J4										
							2787 kg			

APPROACH BRIDGE DECK PL JL8-RR1 J4-J5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1178* 16	8299	125.6	1228	1228	SM400A		
3	RIB9	PL	250* 24	8275	188.4	390	1170	SM400A		
1	ST-W	PL	400* 9	8287	70.65	234	234	SM400A		
1	ST-F	PL	100* 10	8280	78.50	65.0	65	SM400A		
1	COV	PL	250* 19	362	149.2	13.5	14	SS400		DRAINAGE
2		PL	50* 19	362	149.2	2.70	5	SM400A		
2		PL	50* 19	288	149.2	2.15	4	SM400A		
1		PL	308* 16	420	125.6	16.3	16	SM400A		
1	DOUBL	PL	588* 16	700	125.6	51.7	52	SM400A		
1		PL	210* 16	250	125.6	6.59	7	SM400A		
2		PL	165* 10	229	78.50	2.97	6	SM400A		
2		PL	157* 10	322	78.50	3.97	8	SM400A		
6		PL	25* 10	30	78.50	0.0589	1	SM400A		
1		チェーン	5* 18* 42*250			0.1	1	SUS304		
1	PIPE	STK	165.2* 4.5	530	17.80	9.43	9	STK400		HDG
J4-J5										
							2820 kg			

APPROACH BRIDGE DECK PL JL8-RR1 J5-J6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1179* 16	8249	125.6	1222	1222	SM400A		
3	RIB9	PL	250* 24	8225	188.4	387	1161	SM400A		
1	ST-W	PL	400* 9	8237	70.65	233	233	SM400A		
1	ST-F	PL	100* 10	8230	78.50	64.6	65	SM400A		
1	K-DECK	PL	550* 16	1700	125.6	117	117	SM400A		LIGHTING POST

Calculation of Steel Weight

(Unit: mm,kg)

1	K-WEB	PL	284* 12	2138	94.20	57.2	57	SM400A		
2	K-RIB	PL	287* 12	559	94.20	15.1	30	SM400A		
1	K-RIB	PL	364* 12	559	94.20	19.2	19	SM400A		
1	K-FLG	PL	200* 12	474	94.20	8.93	9	SM400A		
1	COV	PL	250* 19	362	149.2	13.5	14	SS400		DRAINAGE
2		PL	50* 19	362	149.2	2.70	5	SM400A		
2		PL	50* 19	288	149.2	2.15	4	SM400A		
1		PL	308* 16	420	125.6	16.3	16	SM400A		
1	DOUBL	PL	588* 16	700	125.6	51.7	52	SM400A		
1		PL	210* 16	250	125.6	6.59	7	SM400A		
2		PL	165* 10	229	78.50	2.97	6	SM400A		
2		PL	157* 10	322	78.50	3.97	8	SM400A		
6		PL	25* 10	30	78.50	0.0589	1	SM400A		
1		チェーン	5* 18* 42*250			0.1	1	SUS304		
1	PIPE	STK	165.2* 4.5	530	17.80	9.43	9	STK400		HDG
J5-J6							3036 kg			

APPROACH BRIDGE DECK PL JL8-RR1 J6-J7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1178* 16	8249	125.6	1220	1220	SM400A		
3	RIB9	PL	250* 24	8225	188.4	387	1161	SM400A		
1	ST-W	PL	400* 9	8237	70.65	233	233	SM400A		
1	ST-F	PL	100* 10	8230	78.50	64.6	65	SM400A		
1	COV	PL	250* 19	362	149.2	13.5	14	SS400		DRAINAGE
2		PL	50* 19	362	149.2	2.70	5	SM400A		
2		PL	50* 19	288	149.2	2.15	4	SM400A		
1		PL	308* 16	420	125.6	16.3	16	SM400A		
1	DOUBL	PL	588* 16	700	125.6	51.7	52	SM400A		
1		PL	210* 16	250	125.6	6.59	7	SM400A		
2		PL	165* 10	229	78.50	2.97	6	SM400A		
2		PL	157* 10	322	78.50	3.97	8	SM400A		
6		PL	25* 10	30	78.50	0.0589	1	SM400A		
1		チェーン	5* 18* 42*250			0.1	1	SUS304		
1	PIPE	STK	165.2* 4.5	530	17.80	9.43	9	STK400		HDG
J6-J7							2802 kg			

APPROACH BRIDGE DECK PL JL8-RR1 J7-J8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1179* 16	8249	125.6	1222	1222	SM400A		
3	RIB9	PL	250* 24	8225	188.4	387	1161	SM400A		

Calculation of Steel Weight

(Unit : mm,kg)

1	ST-W	PL	400* 9	8236	70.65	233	233	SM400A		
1	ST-F	PL	100* 10	8230	78.50	64.6	65	SM400A		
1	COV	PL	250* 19	362	149.2	13.5	14	SS400		DRAINAGE
2		PL	50* 19	362	149.2	2.70	5	SM400A		
2		PL	50* 19	288	149.2	2.15	4	SM400A		
1		PL	308* 16	420	125.6	16.3	16	SM400A		
1	DOUBL	PL	588* 16	700	125.6	51.7	52	SM400A		
1		PL	210* 16	250	125.6	6.59	7	SM400A		
2		PL	165* 10	229	78.50	2.97	6	SM400A		
2		PL	157* 10	322	78.50	3.97	8	SM400A		
6		PL	25* 10	30	78.50	0.0589	1	SM400A		
1		チェーン	5* 18* 42*250			0.1	1	SUS304		
1	PIPE	STK	165.2* 4.5	530	17.80	9.43	9	STK400		HDG
J7-J8							2804 kg			

APPROACH BRIDGE DECK PL JL8-RR1 J8-J9										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1176* 16	6934	125.6	1024	1024	SM400A		
3	RIB9	PL	250* 24	6910	188.4	326	978	SM400A		
1	ST-W	PL	400* 9	6923	70.65	196	196	SM400A		
1	ST-F	PL	100* 10	6916	78.50	54.3	54	SM400A		
J8-J9							2252 kg			

APPROACH BRIDGE DECK PL JL8-RR1 J9-J10										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1174* 16	5814	125.6	857	857	SM490YA		
3	RIB9	PL	250* 24	5791	188.4	273	819	SM490YB		
1	ST-W	PL	400* 9	5804	70.65	164	164	SM400A		
1	ST-F	PL	100* 10	5798	78.50	45.5	46	SM400A		
1	K-DECK	PL	550* 16	1700	125.6	117	117	SM400A		LIGHTING POST
1	K-WEB	PL	284* 12	2138	94.20	57.2	57	SM400A		
2	K-RIB	PL	287* 12	559	94.20	15.1	30	SM400A		
1	K-RIB	PL	364* 12	559	94.20	19.2	19	SM400A		
1	K-FLG	PL	200* 12	474	94.20	8.93	9	SM400A		
1	COV	PL	250* 19	362	149.2	13.5	14	SS400		DRAINAGE
2		PL	50* 19	362	149.2	2.70	5	SM400A		
2		PL	50* 19	288	149.2	2.15	4	SM400A		
1		PL	308* 16	420	125.6	16.3	16	SM400A		
1	DOUBL	PL	588* 16	700	125.6	51.7	52	SM400A		
1		PL	210* 16	250	125.6	6.59	7	SM400A		

Calculation of Steel Weight

(Unit: mm,kg)

2		PL	165* 10	229	78.50	2.97	6	SM400A		
2		PL	157* 10	322	78.50	3.97	8	SM400A		
6		PL	25* 10	30	78.50	0.0589	1	SM400A		
1		チェーン	5* 18* 42*250			0.1	1	SUS304		
1	PIPE	STK	165.2* 4.5	530	17.80	9.43	9	STK400		HDG
J9-J10										
							2241 kg			

APPROACH BRIDGE DECK PL JL8-RR1 J10-J11										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1176* 16	7042	125.6	1040	1040	SM490YA		
3	RIB9	PL	250* 24	7019	188.4	331	993	SM490YB		
1	ST-W	PL	400* 9	7031	70.65	199	199	SM400A		
1	ST-F	PL	100* 10	7024	78.50	55.1	55	SM400A		
1	COV	PL	250* 19	362	149.2	13.5	14	SS400		DRAINAGE
2		PL	50* 19	362	149.2	2.70	5	SM400A		
2		PL	50* 19	288	149.2	2.15	4	SM400A		
1		PL	308* 16	420	125.6	16.3	16	SM400A		
1	DOUBL	PL	588* 16	700	125.6	51.7	52	SM400A		
1		PL	210* 16	250	125.6	6.59	7	SM400A		
2		PL	165* 10	229	78.50	2.97	6	SM400A		
2		PL	157* 10	322	78.50	3.97	8	SM400A		
6		PL	25* 10	30	78.50	0.0589	1	SM400A		
1		チェーン	5* 18* 42*250			0.1	1	SUS304		
1	PIPE	STK	165.2* 4.5	530	17.80	9.43	9	STK400		HDG
J10-J11										
							2410 kg			

APPROACH BRIDGE DECK PL JL8-RR1 J11-J12										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1179* 16	8335	125.6	1234	1234	SM400A		
3	RIB9	PL	250* 24	8311	188.4	391	1173	SM400A		
1	ST-W	PL	400* 9	8322	70.65	235	235	SM400A		
1	ST-F	PL	100* 10	8316	78.50	65.3	65	SM400A		
1	COV	PL	250* 19	362	149.2	13.5	14	SS400		DRAINAGE
2		PL	50* 19	362	149.2	2.70	5	SM400A		
2		PL	50* 19	288	149.2	2.15	4	SM400A		
1		PL	308* 16	420	125.6	16.3	16	SM400A		
1	DOUBL	PL	588* 16	700	125.6	51.7	52	SM400A		
1		PL	210* 16	250	125.6	6.59	7	SM400A		
2		PL	165* 10	229	78.50	2.97	6	SM400A		
2		PL	157* 10	322	78.50	3.97	8	SM400A		

Calculation of Steel Weight

(Unit : mm,kg)

6		PL	25* 10	30	78.50	0.0589	1	SM400A		
1		フェーン	5* 18* 42*250			0.1	1	SUS304		
1	PIPE	STK	165.2* 4.5	530	17.80	9.43	9	STK400		HDG
J11-J12							2830 kg			

APPROACH BRIDGE DECK PL JL8-RR1 J12-J13										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1178* 16	8335	125.6	1233	1233	SM400A		
3	RIB9	PL	250* 24	8311	188.4	391	1173	SM400A		
1	ST-W	PL	400* 9	8321	70.65	235	235	SM400A		
1	ST-F	PL	100* 10	8316	78.50	65.3	65	SM400A		
1	COV	PL	250* 19	362	149.2	13.5	14	SS400		DRAINAGE
2		PL	50* 19	362	149.2	2.70	5	SM400A		
2		PL	50* 19	288	149.2	2.15	4	SM400A		
1		PL	308* 16	420	125.6	16.3	16	SM400A		
1	DOUBL	PL	588* 16	700	125.6	51.7	52	SM400A		
1		PL	210* 16	250	125.6	6.59	7	SM400A		
2		PL	165* 10	229	78.50	2.97	6	SM400A		
2		PL	157* 10	322	78.50	3.97	8	SM400A		
6		PL	25* 10	30	78.50	0.0589	1	SM400A		
1		フェーン	5* 18* 42*250			0.1	1	SUS304		
1	PIPE	STK	165.2* 4.5	530	17.80	9.43	9	STK400		HDG
J12-J13							2829 kg			

APPROACH BRIDGE DECK PL JL8-RR1 J13-J14										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1176* 16	7145	125.6	1055	1055	SM400A		
3	RIB9	PL	250* 24	7121	188.4	335	1005	SM400A		
1	ST-W	PL	400* 9	7132	70.65	202	202	SM400A		
1	ST-F	PL	100* 10	7126	78.50	55.9	56	SM400A		
1	K-DECK	PL	550* 16	1700	125.6	117	117	SM400A		LIGHTING POST
1	K-WEB	PL	284* 12	2138	94.20	57.2	57	SM400A		
2	K-RIB	PL	287* 12	559	94.20	15.1	30	SM400A		
1	K-RIB	PL	364* 12	559	94.20	19.2	19	SM400A		
1	K-FLG	PL	200* 12	474	94.20	8.93	9	SM400A		
J13-J14							2550 kg			

APPROACH BRIDGE DECK PL JL8-RR1 J14-J15										

Calculation of Steel Weight

(Unit : mm,kg)

Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	DECK	PL	1179* 16	8338	125.6	1235	1235	SM400A			
3	RIB9	PL	250* 24	8314	188.4	391	1173	SM400A			
1	ST-W	PL	400* 9	8324	70.65	235	235	SM400A			
1	ST-F	PL	100* 10	8319	78.50	65.3	65	SM400A			
1	COV	PL	250* 19	362	149.2	13.5	14	SS400		DRAINAGE	
2		PL	50* 19	362	149.2	2.70	5	SM400A			
2		PL	50* 19	288	149.2	2.15	4	SM400A			
1		PL	308* 16	420	125.6	16.3	16	SM400A			
1	DOUBL	PL	588* 16	700	125.6	51.7	52	SM400A			
1		PL	210* 16	250	125.6	6.59	7	SM400A			
2		PL	165* 10	229	78.50	2.97	6	SM400A			
2		PL	157* 10	322	78.50	3.97	8	SM400A			
6		PL	25* 10	30	78.50	0.0589	1	SM400A			
1		チェーン	5* 18* 42*250			0.1	1	SUS304			
1	PIPE	STK	165.2* 4.5	530	17.80	9.43	9	STK400		HDG	
							J14-J15				2831 kg

APPROACH BRIDGE DECK PL JL8-RR1 J15-J16											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	DECK	PL	1265* 16	7471	125.6	1187	1187	SM400A			
3	RIB9	PL	250* 24	7405	188.4	349	1047	SM400A			
1	ST-W	PL	400* 9	7466	70.65	211	211	SM400A			
1	ST-F	PL	100* 10	7461	78.50	58.6	59	SM400A			
1	COV	PL	250* 19	362	149.2	13.5	14	SS400		DRAINAGE	
2		PL	50* 19	362	149.2	2.70	5	SM400A			
2		PL	50* 19	288	149.2	2.15	4	SM400A			
1		PL	308* 16	420	125.6	16.3	16	SM400A			
1	DOUBL	PL	588* 16	700	125.6	51.7	52	SM400A			
1		PL	210* 16	250	125.6	6.59	7	SM400A			
2		PL	165* 10	229	78.50	2.97	6	SM400A			
2		PL	157* 10	322	78.50	3.97	8	SM400A			
6		PL	25* 10	30	78.50	0.0589	1	SM400A			
1		チェーン	5* 18* 42*250			0.1	1	SUS304			
1	PIPE	STK	165.2* 4.5	530	17.80	9.43	9	STK400		HDG	
							J15-J16				2627 kg

APPROACH BRIDGE DECK PL JL8-RR1 J16-J17										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1174* 16	8373	125.6	1235	1235	SM400A		

Calculation of Steel Weight

(Unit : mm,kg)

3	RIB9	PL	250* 24	8350	188.4	393	1179	SM400A			
1	ST-W	PL	400* 9	8363	70.65	236	236	SM400A			
1	ST-F	PL	100* 10	8358	78.50	65.6	66	SM400A			
1	COV	PL	250* 19	362	149.2	13.5	14	SS400		DRAINAGE	
2		PL	50* 19	362	149.2	2.70	5	SM400A			
2		PL	50* 19	288	149.2	2.15	4	SM400A			
1		PL	308* 16	420	125.6	16.3	16	SM400A			
1	DOUBL	PL	588* 16	700	125.6	51.7	52	SM400A			
1		PL	210* 16	250	125.6	6.59	7	SM400A			
2		PL	165* 10	229	78.50	2.97	6	SM400A			
2		PL	157* 10	322	78.50	3.97	8	SM400A			
6		PL	25* 10	30	78.50	0.0589	1	SM400A			
1		チェーン	5* 18* 42*250			0.1	1	SUS304			
1	PIPE	STK	165.2* 4.5	530	17.80	9.43	9	STK400		HDG	
							J16-J17				2839 kg

APPROACH BRIDGE DECK PL JL8-RR1 J17-J18											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	DECK	PL	1175* 16	8375	125.6	1236	1236	SM490YA			
3	RIB9	PL	250* 24	8353	188.4	393	1179	SM490YB			
1	ST-W	PL	400* 9	8365	70.65	236	236	SM400A			
1	ST-F	PL	100* 10	8360	78.50	65.6	66	SM400A			
1	K-DECK	PL	550* 16	1700	125.6	117	117	SM400A		LIGHTING POST	
1	K-WEB	PL	284* 12	2138	94.20	57.2	57	SM400A			
2	K-RIB	PL	287* 12	559	94.20	15.1	30	SM400A			
1	K-RIB	PL	364* 12	559	94.20	19.2	19	SM400A			
1	K-FLG	PL	200* 12	474	94.20	8.93	9	SM400A			
1	COV	PL	250* 19	362	149.2	13.5	14	SS400		DRAINAGE	
2		PL	50* 19	362	149.2	2.70	5	SM400A			
2		PL	50* 19	288	149.2	2.15	4	SM400A			
1		PL	308* 16	420	125.6	16.3	16	SM400A			
1	DOUBL	PL	588* 16	700	125.6	51.7	52	SM400A			
1		PL	210* 16	250	125.6	6.59	7	SM400A			
2		PL	165* 10	229	78.50	2.97	6	SM400A			
2		PL	157* 10	322	78.50	3.97	8	SM400A			
6		PL	25* 10	30	78.50	0.0589	1	SM400A			
1		チェーン	5* 18* 42*250			0.1	1	SUS304			
1	PIPE	STK	165.2* 4.5	530	17.80	9.43	9	STK400		HDG	
							J17-J18				3072 kg

APPROACH BRIDGE DECK PL JL8-RR1 J18-J19										
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Calculation of Steel Weight

(Unit : mm,kg)

Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1173* 16	6828	125.6	1006	1006	SM490YA		
3	RIB9	PL	250* 24	6806	188.4	321	963	SM490YB		
1	ST-W	PL	400* 9	6819	70.65	193	193	SM400A		
1	ST-F	PL	100* 10	6814	78.50	53.5	54	SM400A		
1	COV	PL	250* 19	362	149.2	13.5	14	SS400		DRAINAGE
2		PL	50* 19	362	149.2	2.70	5	SM400A		
2		PL	50* 19	288	149.2	2.15	4	SM400A		
1		PL	308* 16	420	125.6	16.3	16	SM400A		
1	DOUBL	PL	588* 16	700	125.6	51.7	52	SM400A		
1		PL	210* 16	250	125.6	6.59	7	SM400A		
2		PL	165* 10	229	78.50	2.97	6	SM400A		
2		PL	157* 10	322	78.50	3.97	8	SM400A		
6		PL	25* 10	30	78.50	0.0589	1	SM400A		
1		チエーン	5* 18* 42*250			0.1	1	SUS304		
1	PIPE	STK	165.2* 4.5	530	17.80	9.43	9	STK400		HDG
J18-J19							2339 kg			

APPROACH BRIDGE DECK PL JL8-RR1 J19-J20										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1173* 16	6180	125.6	910	910	SM490YA		
3	RIB9	PL	250* 24	6158	188.4	290	870	SM490YB		
1	ST-W	PL	400* 9	6171	70.65	174	174	SM400A		
1	ST-F	PL	100* 10	6166	78.50	48.4	48	SM400A		
1	COV	PL	250* 19	362	149.2	13.5	14	SS400		DRAINAGE
2		PL	50* 19	362	149.2	2.70	5	SM400A		
2		PL	50* 19	288	149.2	2.15	4	SM400A		
1		PL	308* 16	420	125.6	16.3	16	SM400A		
1	DOUBL	PL	588* 16	700	125.6	51.7	52	SM400A		
1		PL	210* 16	250	125.6	6.59	7	SM400A		
2		PL	165* 10	229	78.50	2.97	6	SM400A		
2		PL	157* 10	322	78.50	3.97	8	SM400A		
6		PL	25* 10	30	78.50	0.0589	1	SM400A		
1		チエーン	5* 18* 42*250			0.1	1	SUS304		
1	PIPE	STK	165.2* 4.5	530	17.80	9.43	9	STK400		HDG
J19-J20							2125 kg			

APPROACH BRIDGE DECK PL JL8-RR1 J20-J21										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks

Calculation of Steel Weight

(Unit : mm,kg)

1	DECK	PL	1173* 16	6481	125.6	955	955	SM490YA		
3	RIB9	PL	250* 24	6459	188.4	304	912	SM490YB		
1	ST-W	PL	400* 9	6472	70.65	183	183	SM400A		
1	ST-F	PL	100* 10	6468	78.50	50.8	51	SM400A		
1	COV	PL	250* 19	362	149.2	13.5	14	SS400		DRAINAGE
2		PL	50* 19	362	149.2	2.70	5	SM400A		
2		PL	50* 19	288	149.2	2.15	4	SM400A		
1		PL	308* 16	420	125.6	16.3	16	SM400A		
1	DOUBL	PL	588* 16	700	125.6	51.7	52	SM400A		
1		PL	210* 16	250	125.6	6.59	7	SM400A		
2		PL	165* 10	229	78.50	2.97	6	SM400A		
2		PL	157* 10	322	78.50	3.97	8	SM400A		
6		PL	25* 10	30	78.50	0.0589	1	SM400A		
1		チェーン	5* 18* 42*250			0.1	1	SUS304		
1	PIPE	STK	165.2* 4.5	530	17.80	9.43	9	STK400		HDG
J20-J21							2224 kg			

APPROACH BRIDGE DECK PL JL8-RR1 J21-J22										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1240* 16	6798	125.6	1059	1059	SM400A		
3	RIB9	PL	250* 24	6745	188.4	318	954	SM400A		
1	ST-W	PL	400* 9	6709	70.65	190	190	SM400A		
1	ST-F	PL	100* 10	6705	78.50	52.6	53	SM400A		
1	COV	PL	250* 19	362	149.2	13.5	14	SS400		DRAINAGE
2		PL	50* 19	362	149.2	2.70	5	SM400A		
2		PL	50* 19	288	149.2	2.15	4	SM400A		
1		PL	308* 16	420	125.6	16.3	16	SM400A		
1	DOUBL	PL	588* 16	700	125.6	51.7	52	SM400A		
1		PL	210* 16	250	125.6	6.59	7	SM400A		
2		PL	165* 10	229	78.50	2.97	6	SM400A		
2		PL	157* 10	322	78.50	3.97	8	SM400A		
6		PL	25* 10	30	78.50	0.0589	1	SM400A		
1		チェーン	5* 18* 42*250			0.1	1	SUS304		
1	PIPE	STK	165.2* 4.5	530	17.80	9.43	9	STK400		HDG
J21-J22							2379 kg			

APPROACH BRIDGE DECK PL JL8-RR1 J22-J23										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1174* 16	8188	125.6	1207	1207	SM400A		
3	RIB9	PL	250* 24	8165	188.4	385	1155	SM400A		

Calculation of Steel Weight

(Unit : mm,kg)

1	ST-W	PL	400* 9	8176	70.65	231	231	SM400A		
1	ST-F	PL	100* 10	8173	78.50	64.2	64	SM400A		
1	K-DECK	PL	550* 16	1700	125.6	117	117	SM400A		LIGHTING POST
1	K-WEB	PL	284* 12	2138	94.20	57.2	57	SM400A		
2	K-RIB	PL	287* 12	559	94.20	15.1	30	SM400A		
1	K-RIB	PL	364* 12	559	94.20	19.2	19	SM400A		
1	K-FLG	PL	200* 12	474	94.20	8.93	9	SM400A		
1	COV	PL	250* 19	362	149.2	13.5	14	SS400		DRAINAGE
2		PL	50* 19	362	149.2	2.70	5	SM400A		
2		PL	50* 19	288	149.2	2.15	4	SM400A		
1		PL	308* 16	420	125.6	16.3	16	SM400A		
1	DOUBL	PL	588* 16	700	125.6	51.7	52	SM400A		
1		PL	210* 16	250	125.6	6.59	7	SM400A		
2		PL	165* 10	229	78.50	2.97	6	SM400A		
2		PL	157* 10	322	78.50	3.97	8	SM400A		
6		PL	25* 10	30	78.50	0.0589	1	SM400A		
1		チェーン	5* 18* 42*250			0.1	1	SUS304		
1	PIPE	STK	165.2* 4.5	530	17.80	9.43	9	STK400		HDG
							3012 kg			
J22-J23										

APPROACH BRIDGE DECK PL JL8-RR1 J23-J24										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1174* 16	8187	125.6	1207	1207	SM400A		
3	RIB9	PL	250* 24	8165	188.4	385	1155	SM400A		
1	ST-W	PL	400* 9	8176	70.65	231	231	SM400A		
1	ST-F	PL	100* 10	8173	78.50	64.2	64	SM400A		
1	COV	PL	250* 19	362	149.2	13.5	14	SS400		DRAINAGE
2		PL	50* 19	362	149.2	2.70	5	SM400A		
2		PL	50* 19	288	149.2	2.15	4	SM400A		
1		PL	308* 16	420	125.6	16.3	16	SM400A		
1	DOUBL	PL	588* 16	700	125.6	51.7	52	SM400A		
1		PL	210* 16	250	125.6	6.59	7	SM400A		
2		PL	165* 10	229	78.50	2.97	6	SM400A		
2		PL	157* 10	322	78.50	3.97	8	SM400A		
6		PL	25* 10	30	78.50	0.0589	1	SM400A		
1		チェーン	5* 18* 42*250			0.1	1	SUS304		
1	PIPE	STK	165.2* 4.5	530	17.80	9.43	9	STK400		HDG
							2780 kg			
J23-J24										

APPROACH BRIDGE DECK PL JL8-RR1 J24-J25										

Calculation of Steel Weight

(Unit : mm,kg)

Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1174* 16	8108	125.6	1196	1196	SM490YA		
3	RIB9	PL	250* 24	8085	188.4	381	1143	SM490YB		
1	ST-W	PL	400* 9	8096	70.65	229	229	SM400A		
1	ST-F	PL	100* 10	8093	78.50	63.5	64	SM400A		
1	COV	PL	250* 19	362	149.2	13.5	14	SS400		DRAINAGE
2		PL	50* 19	362	149.2	2.70	5	SM400A		
2		PL	50* 19	288	149.2	2.15	4	SM400A		
1		PL	308* 16	420	125.6	16.3	16	SM400A		
1	DOUBL	PL	588* 16	700	125.6	51.7	52	SM400A		
1		PL	210* 16	250	125.6	6.59	7	SM400A		
2		PL	165* 10	229	78.50	2.97	6	SM400A		
2		PL	157* 10	322	78.50	3.97	8	SM400A		
6		PL	25* 10	30	78.50	0.0589	1	SM400A		
1		チェーン	5* 18* 42*250			0.1	1	SUS304		
1	PIPE	STK	165.2* 4.5	530	17.80	9.43	9	STK400		HDG
J24-J25							2755 kg			

APPROACH BRIDGE DECK PL JL8-RR1 J25-J26										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1207* 16	8181	125.6	1240	1240	SM490YA		
3	RIB9	PL	250* 24	8148	188.4	384	1152	SM490YB		
1	ST-W	PL	400* 9	8144	70.65	230	230	SM400A		
1	ST-F	PL	100* 10	8141	78.50	63.9	64	SM400A		
1	COV	PL	250* 19	362	149.2	13.5	14	SS400		DRAINAGE
2		PL	50* 19	362	149.2	2.70	5	SM400A		
2		PL	50* 19	288	149.2	2.15	4	SM400A		
1		PL	308* 16	420	125.6	16.3	16	SM400A		
1	DOUBL	PL	588* 16	700	125.6	51.7	52	SM400A		
1		PL	210* 16	250	125.6	6.59	7	SM400A		
2		PL	165* 10	229	78.50	2.97	6	SM400A		
2		PL	157* 10	322	78.50	3.97	8	SM400A		
6		PL	25* 10	30	78.50	0.0589	1	SM400A		
1		チェーン	5* 18* 42*250			0.1	1	SUS304		
1	PIPE	STK	165.2* 4.5	530	17.80	9.43	9	STK400		HDG
J25-J26							2809 kg			

APPROACH BRIDGE DECK PL JL8-RR1 J26-J27										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1185* 16	7915	125.6	1178	1178	SM490YA		

Calculation of Steel Weight

(Unit : mm,kg)

3	RIB9	PL	250* 24	7888	188.4	372	1116	SM490YB		
1	ST-W	PL	400* 9	7891	70.65	223	223	SM400A		
1	ST-F	PL	100* 10	7889	78.50	61.9	62	SM400A		
1	K-DECK	PL	550* 16	1700	125.6	117	117	SM400A		LIGHTING POST
1	K-WEB	PL	284* 12	2138	94.20	57.2	57	SM400A		
2	K-RIB	PL	287* 12	559	94.20	15.1	30	SM400A		
1	K-RIB	PL	364* 12	559	94.20	19.2	19	SM400A		
1	K-FLG	PL	200* 12	474	94.20	8.93	9	SM400A		
1	COV	PL	250* 19	362	149.2	13.5	14	SS400		DRAINAGE
2		PL	50* 19	362	149.2	2.70	5	SM400A		
2		PL	50* 19	288	149.2	2.15	4	SM400A		
1		PL	308* 16	420	125.6	16.3	16	SM400A		
1	DOUBL	PL	588* 16	700	125.6	51.7	52	SM400A		
1		PL	210* 16	250	125.6	6.59	7	SM400A		
2		PL	165* 10	229	78.50	2.97	6	SM400A		
2		PL	157* 10	322	78.50	3.97	8	SM400A		
6		PL	25* 10	30	78.50	0.0589	1	SM400A		
1		チェーン	5* 18* 42*250			0.1	1	SUS304		
1	PIPE	STK	165.2* 4.5	530	17.80	9.43	9	STK400		HDG
							J26-J27		2934 kg	

APPROACH BRIDGE DECK PL JL8-RR1 J27-J28										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1170* 16	7046	125.6	1035	1035	SM490YA		
3	RIB9	PL	250* 24	7026	188.4	331	993	SM490YB		
1	ST-W	PL	400* 9	7038	70.65	199	199	SM400A		
1	ST-F	PL	100* 10	7036	78.50	55.2	55	SM400A		
1	COV	PL	250* 19	362	149.2	13.5	14	SS400		DRAINAGE
2		PL	50* 19	362	149.2	2.70	5	SM400A		
2		PL	50* 19	288	149.2	2.15	4	SM400A		
1		PL	308* 16	420	125.6	16.3	16	SM400A		
1	DOUBL	PL	588* 16	700	125.6	51.7	52	SM400A		
1		PL	210* 16	250	125.6	6.59	7	SM400A		
2		PL	165* 10	229	78.50	2.97	6	SM400A		
2		PL	157* 10	322	78.50	3.97	8	SM400A		
6		PL	25* 10	30	78.50	0.0589	1	SM400A		
1		チェーン	5* 18* 42*250			0.1	1	SUS304		
1	PIPE	STK	165.2* 4.5	530	17.80	9.43	9	STK400		HDG
							J27-J28		2405 kg	

APPROACH BRIDGE DECK PL JL8-RR1 J28-J29										
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Caluculation of Steel Weight

(Unit : mm,kg)

Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1170* 16	7085	125.6	1041	1041	SM490YA		
3	RIB9	PL	250* 24	7064	188.4	333	999	SM490YB		
1	ST-W	PL	400* 9	7076	70.65	200	200	SM400A		
1	ST-F	PL	100* 10	7075	78.50	55.5	56	SM400A		
1	COV	PL	250* 19	362	149.2	13.5	14	SS400		DRAINAGE
2		PL	50* 19	362	149.2	2.70	5	SM400A		
2		PL	50* 19	288	149.2	2.15	4	SM400A		
1		PL	308* 16	420	125.6	16.3	16	SM400A		
1	DOUBL	PL	588* 16	700	125.6	51.7	52	SM400A		
1		PL	210* 16	250	125.6	6.59	7	SM400A		
2		PL	165* 10	229	78.50	2.97	6	SM400A		
2		PL	157* 10	322	78.50	3.97	8	SM400A		
6		PL	25* 10	30	78.50	0.0589	1	SM400A		
1		チエーン	5* 18* 42*250			0.1	1	SUS304		
1	PIPE	STK	165.2* 4.5	530	17.80	9.43	9	STK400		HDG
J28-J29							2419 kg			

APPROACH BRIDGE DECK PL JL8-RR1 J29-J30										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1170* 16	8377	125.6	1231	1231	SM490YA		
3	RIB9	PL	250* 24	8357	188.4	394	1182	SM490YB		
1	ST-W	PL	400* 9	8369	70.65	237	237	SM400A		
1	ST-F	PL	100* 10	8367	78.50	65.7	66	SM400A		
1	COV	PL	250* 19	362	149.2	13.5	14	SS400		DRAINAGE
2		PL	50* 19	362	149.2	2.70	5	SM400A		
2		PL	50* 19	288	149.2	2.15	4	SM400A		
1		PL	308* 16	420	125.6	16.3	16	SM400A		
1	DOUBL	PL	588* 16	700	125.6	51.7	52	SM400A		
1		PL	210* 16	250	125.6	6.59	7	SM400A		
2		PL	165* 10	229	78.50	2.97	6	SM400A		
2		PL	157* 10	322	78.50	3.97	8	SM400A		
6		PL	25* 10	30	78.50	0.0589	1	SM400A		
1		チエーン	5* 18* 42*250			0.1	1	SUS304		
1	PIPE	STK	165.2* 4.5	530	17.80	9.43	9	STK400		HDG
J29-J30							2839 kg			

APPROACH BRIDGE DECK PL JL8-RR1 J30-J31										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks

Calculation of Steel Weight

(Unit : mm,kg)

1	DECK	PL	1170* 16	8136	125.6	1196	1196	SM490YA		
3	RIB9	PL	250* 24	8115	188.4	382	1146	SM490YB		
1	ST-W	PL	400* 9	8127	70.65	230	230	SM400A		
1	ST-F	PL	100* 10	8126	78.50	63.8	64	SM400A		
1	COV	PL	250* 19	362	149.2	13.5	14	SS400		DRAINAGE
2		PL	50* 19	362	149.2	2.70	5	SM400A		
2		PL	50* 19	288	149.2	2.15	4	SM400A		
1		PL	308* 16	420	125.6	16.3	16	SM400A		
1	DOUBL	PL	588* 16	700	125.6	51.7	52	SM400A		
1		PL	210* 16	250	125.6	6.59	7	SM400A		
2		PL	165* 10	229	78.50	2.97	6	SM400A		
2		PL	157* 10	322	78.50	3.97	8	SM400A		
6		PL	25* 10	30	78.50	0.0589	1	SM400A		
1		チェーン	5* 18* 42*250			0.1	1	SUS304		
1	PIPE	STK	165.2* 4.5	530	17.80	9.43	9	STK400		HDG
J30-J31							2759 kg			

APPROACH BRIDGE DECK PL JL8-RR1 J31-J32										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1194* 16	8364	125.6	1254	1254	SM400A		
3	RIB9	PL	250* 24	8329	188.4	392	1176	SM400A		
1	ST-W	PL	400* 9	8354	70.65	236	236	SM400A		
1	ST-F	PL	100* 10	8353	78.50	65.6	66	SM400A		
1	K-DECK	PL	550* 16	1700	125.6	117	117	SM400A		LIGHTING POST
1	K-WEB	PL	284* 12	2138	94.20	57.2	57	SM400A		
2	K-RIB	PL	287* 12	559	94.20	15.1	30	SM400A		
1	K-RIB	PL	364* 12	559	94.20	19.2	19	SM400A		
1	K-FLG	PL	200* 12	474	94.20	8.93	9	SM400A		
1	COV	PL	250* 19	362	149.2	13.5	14	SS400		DRAINAGE
2		PL	50* 19	362	149.2	2.70	5	SM400A		
2		PL	50* 19	288	149.2	2.15	4	SM400A		
1		PL	308* 16	420	125.6	16.3	16	SM400A		
1	DOUBL	PL	588* 16	700	125.6	51.7	52	SM400A		
1		PL	210* 16	250	125.6	6.59	7	SM400A		
2		PL	165* 10	229	78.50	2.97	6	SM400A		
2		PL	157* 10	322	78.50	3.97	8	SM400A		
6		PL	25* 10	30	78.50	0.0589	1	SM400A		
1		チェーン	5* 18* 42*250			0.1	1	SUS304		
1	PIPE	STK	165.2* 4.5	530	17.80	9.43	9	STK400		HDG
J31-J32							3087 kg			

Calculation of Steel Weight

(Unit: mm,kg)

APPROACH BRIDGE DECK PL JL8-RR1 J32-GE2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DECK	PL	1179* 16	6059	125.6	897	897	SM400A		
1	DECK	PL	1179* 16	1320	125.6	195	195	SM400A		
3	RIB9	PL	750* 24	7254	188.4	461	1383	SM400A	45	
1	ST-W	PL	900* 9	7315	70.65	233	233	SM400A	50	
1	ST-F	PL	100* 10	7356	78.50	57.7	58	SM400A		
1	END	PL	260* 10	1120	78.50	22.9	23	SM400A		
1	COV	PL	250* 19	362	149.2	13.5	14	SS400		DRAINAGE
2		PL	50* 19	362	149.2	2.70	5	SM400A		
2		PL	50* 19	288	149.2	2.15	4	SM400A		
1		PL	308* 16	420	125.6	16.3	16	SM400A		
1	DOUBL	PL	588* 16	700	125.6	51.7	52	SM400A		
1		PL	210* 16	250	125.6	6.59	7	SM400A		
2		PL	165* 10	229	78.50	2.97	6	SM400A		
2		PL	157* 10	322	78.50	3.97	8	SM400A		
6		PL	25* 10	30	78.50	0.0589	1	SM400A		
1		チェーン	5* 18* 42*250			0.1	1	SUS304		
1	PIPE	STK	165.2* 4.5	530	17.80	9.43	9	STK400		HDG
J32-GE2							2912 kg			
JL8-RR1							89688 kg			
DECK PL							1301072 kg			
APPROACH BRIDGE							1301072 kg			

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APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL1 GE1-J1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	E-SPL	PL	165* 9	185	70.65	2.16	4	SS400		
4	E-SPL	TCB	M 22* 65			0.508	2	S10T		
1	D-SPL-U	PL	215* 9	1025	70.65	15.6	16	SS400		
1	D-SPL-U	PL	235* 9	4636	70.65	76.9	77	SS400		
1	D-SPL-U	PL	235* 9	2670	70.65	44.3	44	SS400		
1	D-SPL	PL	215* 9	995	70.65	15.1	15	SS400		
1	D-SPL	PL	235* 9	1970	70.65	32.7	33	SS400		
2	D-SPL	PL	235* 9	2266	70.65	37.6	75	SS400		
1	D-SPL	PL	235* 9	304	70.65	5.05	5	SS400		
168	D-SPL	TCB	M 22* 70			0.523	88	S10T		
							GE1-J1 359 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL1 J1-J2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	3888	70.65	64.6	65	SS400		
1	D-SPL-U	PL	235* 9	3925	70.65	65.2	65	SS400		
1	D-SPL	PL	235* 9	1472	70.65	24.4	24	SS400		
2	D-SPL	PL	235* 9	2316	70.65	38.5	77	SS400		
1	D-SPL	PL	235* 9	1509	70.65	25.1	25	SS400		
156	D-SPL	TCB	M 22* 70			0.523	82	S10T		
							J1-J2 338 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL1 J2-J3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2732	70.65	45.4	45	SS400		
1	D-SPL-U	PL	235* 9	4762	70.65	79.1	79	SS400		
1	D-SPL-U	PL	235* 9	347	70.65	5.76	6	SS400		
1	D-SPL	PL	235* 9	317	70.65	5.26	5	SS400		
3	D-SPL	PL	235* 9	2316	70.65	38.5	116	SS400		
1	D-SPL	PL	235* 9	317	70.65	5.26	5	SS400		
158	D-SPL	TCB	M 22* 70			0.523	83	S10T		
							J2-J3 339 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL1 J3-J4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks

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1	D-SPL-U	PL	235* 9	3925	70.65	65.2	65	SS400		
1	D-SPL-U	PL	235* 9	3875	70.65	64.3	64	SS400		
1	D-SPL	PL	235* 9	1509	70.65	25.1	25	SS400		
2	D-SPL	PL	235* 9	2316	70.65	38.5	77	SS400		
1	D-SPL	PL	235* 9	1459	70.65	24.2	24	SS400		
156	D-SPL	TCB	M 22* 70			0.523	82	S10T		
J3-J4							337 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL1 J4-J5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2783	70.65	46.2	46	SS400		
1	D-SPL-U	PL	235* 9	4762	70.65	79.1	79	SS400		
1	D-SPL-U	PL	235* 9	347	70.65	5.76	6	SS400		
1	D-SPL	PL	235* 9	367	70.65	6.09	6	SS400		
3	D-SPL	PL	235* 9	2316	70.65	38.5	116	SS400		
1	D-SPL	PL	235* 9	317	70.65	5.26	5	SS400		
158	D-SPL	TCB	M 22* 70			0.523	83	S10T		
J4-J5							341 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL1 J5-J6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	D-SPL-U	PL	235* 9	3925	70.65	65.2	130	SS400		
2	D-SPL	PL	235* 9	1509	70.65	25.1	50	SS400		
2	D-SPL	PL	235* 9	2316	70.65	38.5	77	SS400		
160	D-SPL	TCB	M 22* 70			0.523	84	S10T		
J5-J6							341 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL1 J6-J7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2732	70.65	45.4	45	SS400		
1	D-SPL-U	PL	235* 9	4762	70.65	79.1	79	SS400		
1	D-SPL-U	PL	235* 9	347	70.65	5.76	6	SS400		
2	D-SPL	PL	235* 9	317	70.65	5.26	11	SS400		
3	D-SPL	PL	235* 9	2316	70.65	38.5	116	SS400		
158	D-SPL	TCB	M 22* 70			0.523	83	S10T		
J6-J7							340 kg			

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APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL1 J7-J8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	D-SPL-U	PL	235* 9	3925	70.65	65.2	130	SS400		
2	D-SPL	PL	235* 9	1509	70.65	25.1	50	SS400		
2	D-SPL	PL	235* 9	2316	70.65	38.5	77	SS400		
160	D-SPL	TCB	M 22* 70			0.523	84	S10T		
							J7-J8			
							341 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL1 J8-J9										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2682	70.65	44.5	44	SS400		
1	D-SPL-U	PL	235* 9	3838	70.65	63.7	64	SS400		
1	D-SPL	PL	235* 9	317	70.65	5.26	5	SS400		
2	D-SPL	PL	235* 9	2266	70.65	37.6	75	SS400		
1	D-SPL	PL	235* 9	1472	70.65	24.4	24	SS400		
132	D-SPL	TCB	M 22* 70			0.523	69	S10T		
							J8-J9			
							281 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL1 J9-J10										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2670	70.65	44.3	44	SM490YA		
1	D-SPL-U	PL	235* 9	2717	70.65	45.1	45	SM490YA		
1	D-SPL	PL	235* 9	304	70.65	5.05	5	SM490YA		
1	D-SPL	PL	235* 9	2266	70.65	37.6	38	SM490YA		
1	D-SPL	PL	235* 9	2303	70.65	38.2	38	SM490YA		
1	D-SPL	PL	235* 9	313	70.65	5.20	5	SM490YA		
112	D-SPL	TCB	M 22* 70			0.523	59	S10T		
							J9-J10			
							234 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL1 J10-J11										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	3903	70.65	64.8	65	SS400		
1	D-SPL-U	PL	235* 9	2726	70.65	45.3	45	SS400		
1	D-SPL	PL	235* 9	1500	70.65	24.9	25	SS400		
2	D-SPL	PL	235* 9	2303	70.65	38.2	76	SS400		
1	D-SPL	PL	235* 9	323	70.65	5.36	5	SS400		
132	D-SPL	TCB	M 22* 70			0.523	69	S10T		

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J10-J11	285 kg
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APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL1 J11-J12										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	D-SPL-U	PL	235* 9	3969	70.65	65.9	132	SS400		
2	D-SPL	PL	235* 9	1528	70.65	25.4	51	SS400		
2	D-SPL	PL	235* 9	2341	70.65	38.9	78	SS400		
168	D-SPL	TCB	M 22* 70			0.523	88	S10T		
J11-J12										
349 kg										

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL1 J12-J13										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2764	70.65	45.9	46	SS400		
1	D-SPL-U	PL	235* 9	4812	70.65	79.9	80	SS400		
1	D-SPL-U	PL	235* 9	353	70.65	5.86	6	SS400		
2	D-SPL	PL	235* 9	323	70.65	5.36	11	SS400		
3	D-SPL	PL	235* 9	2341	70.65	38.9	117	SS400		
170	D-SPL	TCB	M 22* 70			0.523	89	S10T		
J12-J13										
349 kg										

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL1 J13-J14										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	3969	70.65	65.9	66	SS400		
1	D-SPL-U	PL	235* 9	2764	70.65	45.9	46	SS400		
1	D-SPL	PL	235* 9	1528	70.65	25.4	25	SS400		
2	D-SPL	PL	235* 9	2341	70.65	38.9	78	SS400		
1	D-SPL	PL	235* 9	323	70.65	5.36	5	SS400		
144	D-SPL	TCB	M 22* 70			0.523	75	S10T		
J13-J14										
295 kg										

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL1 J14-J15										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	D-SPL-U	PL	235* 9	3969	70.65	65.9	132	SS400		
2	D-SPL	PL	235* 9	1528	70.65	25.4	51	SS400		
2	D-SPL	PL	235* 9	2341	70.65	38.9	78	SS400		
168	D-SPL	TCB	M 22* 70			0.523	88	S10T		

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J14-J15		349 kg
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APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL1 J15-J16										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2764	70.65	45.9	46	SS400		
1	D-SPL-U	PL	235* 9	3969	70.65	65.9	66	SS400		
1	D-SPL	PL	235* 9	323	70.65	5.36	5	SS400		
2	D-SPL	PL	235* 9	2341	70.65	38.9	78	SS400		
1	D-SPL	PL	235* 9	1528	70.65	25.4	25	SS400		
144	D-SPL	TCB	M 22* 70			0.523	75	S10T		
J15-J16		295 kg								

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL1 J16-J17										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2764	70.65	45.9	46	SS400		
1	D-SPL-U	PL	235* 9	4812	70.65	79.9	80	SS400		
1	D-SPL-U	PL	235* 9	353	70.65	5.86	6	SS400		
2	D-SPL	PL	235* 9	323	70.65	5.36	11	SS400		
3	D-SPL	PL	235* 9	2341	70.65	38.9	117	SS400		
170	D-SPL	TCB	M 22* 70			0.523	89	S10T		
J16-J17		349 kg								

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL1 J17-J18										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	3969	70.65	65.9	66	SM490YA		
1	D-SPL-U	PL	235* 9	3894	70.65	64.7	65	SM490YA		
1	D-SPL	PL	235* 9	1528	70.65	25.4	25	SM490YA		
2	D-SPL	PL	235* 9	2341	70.65	38.9	78	SM490YA		
1	D-SPL	PL	235* 9	1453	70.65	24.1	24	SM490YA		
164	D-SPL	TCB	M 22* 70			0.523	86	S10T		
J17-J18		344 kg								

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL1 J18-J19										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2651	70.65	44.0	44	SM490YA		
1	D-SPL-U	PL	235* 9	3578	70.65	59.4	59	SM490YA		

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1	D-SPL	PL	235* 9	248	70.65	4.12	4	SM490YA		
2	D-SPL	PL	235* 9	2303	70.65	38.2	76	SM490YA		
1	D-SPL	PL	235* 9	1174	70.65	19.5	20	SM490YA		
124	D-SPL	TCB	M 22* 70			0.523	65	S10T		
J18-J19							268 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL1 J19-J20										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2892	70.65	48.0	48	SM490YA		
1	D-SPL-U	PL	235* 9	2680	70.65	44.5	44	SM490YA		
1	D-SPL	PL	235* 9	489	70.65	8.12	8	SM490YA		
1	D-SPL	PL	235* 9	2303	70.65	38.2	38	SM490YA		
1	D-SPL	PL	235* 9	2165	70.65	35.9	36	SM490YA		
1	D-SPL	PL	235* 9	415	70.65	6.89	7	SM490YA		
116	D-SPL	TCB	M 22* 70			0.523	61	S10T		
J19-J20							242 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL1 J20-J21										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	3376	70.65	56.1	56	SM490YA		
1	D-SPL-U	PL	235* 9	2575	70.65	42.8	43	SM490YA		
1	D-SPL	PL	235* 9	1111	70.65	18.4	18	SM490YA		
2	D-SPL	PL	235* 9	2165	70.65	35.9	72	SM490YA		
1	D-SPL	PL	235* 9	310	70.65	5.15	5	SM490YA		
128	D-SPL	TCB	M 22* 70			0.523	67	S10T		
J20-J21							261 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL1 J21-J22										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	3881	70.65	64.4	64	SS400		
1	D-SPL-U	PL	235* 9	2701	70.65	44.8	45	SS400		
1	D-SPL	PL	235* 9	1491	70.65	24.8	25	SS400		
2	D-SPL	PL	235* 9	2291	70.65	38.0	76	SS400		
1	D-SPL	PL	235* 9	310	70.65	5.15	5	SS400		
132	D-SPL	TCB	M 22* 70			0.523	69	S10T		
J21-J22							284 kg			

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APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL1 J22-J23										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	D-SPL-U	PL	235* 9	3881	70.65	64.4	129	SS400		
2	D-SPL	PL	235* 9	1491	70.65	24.8	50	SS400		
2	D-SPL	PL	235* 9	2291	70.65	38.0	76	SS400		
152	D-SPL	TCB	M 22* 70			0.523	79	S10T		
							J22-J23			
							334 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL1 J23-J24										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2701	70.65	44.8	45	SS400		
1	D-SPL-U	PL	235* 9	4712	70.65	78.2	78	SS400		
1	D-SPL-U	PL	235* 9	340	70.65	5.64	6	SS400		
2	D-SPL	PL	235* 9	310	70.65	5.15	10	SS400		
3	D-SPL	PL	235* 9	2291	70.65	38.0	114	SS400		
158	D-SPL	TCB	M 22* 70			0.523	83	S10T		
							J23-J24			
							336 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL1 J24-J25										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	3881	70.65	64.4	64	SM490YA		
1	D-SPL-U	PL	235* 9	3726	70.65	61.9	62	SM490YA		
1	D-SPL	PL	235* 9	1491	70.65	24.8	25	SM490YA		
2	D-SPL	PL	235* 9	2291	70.65	38.0	76	SM490YA		
1	D-SPL	PL	235* 9	1335	70.65	22.2	22	SM490YA		
152	D-SPL	TCB	M 22* 70			0.523	79	S10T		
							J24-J25			
							328 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL1 J25-J26										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2706	70.65	44.9	45	SM490YA		
1	D-SPL-U	PL	235* 9	4734	70.65	78.6	79	SM490YA		
1	D-SPL-U	PL	235* 9	376	70.65	6.24	6	SM490YA		
1	D-SPL	PL	235* 9	315	70.65	5.23	5	SM490YA		
1	D-SPL	PL	235* 9	2291	70.65	38.0	38	SM490YA		
1	D-SPL	PL	235* 9	2381	70.65	39.5	40	SM490YA		
1	D-SPL	PL	235* 9	2223	70.65	36.9	37	SM490YA		

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1	D-SPL	PL	235* 9	346	70.65	5.74	6	SM490YA		
162	D-SPL	TCB	M 22* 70			0.523	85	S10T		
J25-J26							341 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL1 J26-J27										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	3560	70.65	59.1	59	SM490YA		
1	D-SPL-U	PL	235* 9	3606	70.65	59.9	60	SM490YA		
1	D-SPL	PL	235* 9	1237	70.65	20.5	20	SM490YA		
1	D-SPL	PL	235* 9	2223	70.65	36.9	37	SM490YA		
1	D-SPL	PL	235* 9	2276	70.65	37.8	38	SM490YA		
1	D-SPL	PL	235* 9	1229	70.65	20.4	20	SM490YA		
144	D-SPL	TCB	M 22* 70			0.523	75	S10T		
J26-J27							309 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL1 J27-J28										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2796	70.65	46.4	46	SM490YA		
1	D-SPL-U	PL	235* 9	3672	70.65	61.0	61	SM490YA		
1	D-SPL	PL	235* 9	413	70.65	6.86	7	SM490YA		
2	D-SPL	PL	235* 9	2283	70.65	37.9	76	SM490YA		
1	D-SPL	PL	235* 9	1290	70.65	21.4	21	SM490YA		
128	D-SPL	TCB	M 22* 70			0.523	67	S10T		
J27-J28							278 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL1 J28-J29										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2736	70.65	45.4	45	SM490YA		
1	D-SPL-U	PL	235* 9	3713	70.65	61.6	62	SM490YA		
1	D-SPL	PL	235* 9	353	70.65	5.86	6	SM490YA		
2	D-SPL	PL	235* 9	2283	70.65	37.9	76	SM490YA		
1	D-SPL	PL	235* 9	1330	70.65	22.1	22	SM490YA		
132	D-SPL	TCB	M 22* 70			0.523	69	S10T		
J28-J29							280 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL1 J29-J30										

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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2697	70.65	44.8	45	SM490YA		
1	D-SPL-U	PL	235* 9	4697	70.65	78.0	78	SM490YA		
1	D-SPL-U	PL	235* 9	343	70.65	5.69	6	SM490YA		
2	D-SPL	PL	235* 9	313	70.65	5.20	10	SM490YA		
2	D-SPL	PL	235* 9	2283	70.65	37.9	76	SM490YA		
1	D-SPL	PL	235* 9	2284	70.65	37.9	38	SM490YA		
158	D-SPL	TCB	M 22* 70			0.523	83	S10T		
J29-J30							336 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL1 J30-J31										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	3714	70.65	61.7	62	SM490YA		
1	D-SPL-U	PL	235* 9	3870	70.65	64.2	64	SM490YA		
1	D-SPL	PL	235* 9	1330	70.65	22.1	22	SM490YA		
2	D-SPL	PL	235* 9	2284	70.65	37.9	76	SM490YA		
1	D-SPL	PL	235* 9	1486	70.65	24.7	25	SM490YA		
152	D-SPL	TCB	M 22* 70			0.523	79	S10T		
J30-J31							328 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL1 J31-J32										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2723	70.65	45.2	45	SS400		
1	D-SPL-U	PL	235* 9	4790	70.65	79.6	80	SS400		
1	D-SPL-U	PL	235* 9	350	70.65	5.81	6	SS400		
1	D-SPL	PL	235* 9	309	70.65	5.13	5	SS400		
1	D-SPL	PL	235* 9	2314	70.65	38.4	38	SS400		
1	D-SPL	PL	235* 9	2343	70.65	38.9	39	SS400		
1	D-SPL	PL	235* 9	2317	70.65	38.5	38	SS400		
1	D-SPL	PL	235* 9	320	70.65	5.31	5	SS400		
162	D-SPL	TCB	M 22* 70			0.523	85	S10T		
J31-J32							341 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL1 J32-GE2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	E-SPL	PL	165* 9	185	70.65	2.16	4	SS400		
4	E-SPL	TCB	M 22* 65			0.508	2	S10T		
1	D-SPL-U	PL	235* 9	3941	70.65	65.4	65	SS400		

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1	D-SPL-U	PL	235* 9	2015	70.65	33.5	34	SS400		
1	D-SPL-U	PL	215* 9	1225	70.65	18.6	19	SS400		
1	D-SPL	PL	235* 9	1586	70.65	26.3	26	SS400		
2	D-SPL	PL	235* 9	1955	70.65	32.5	65	SS400		
1	D-SPL	PL	215* 9	1195	70.65	18.1	18	SS400		
150	D-SPL	TCB	M 22* 70			0.523	78	S10T		
J32-GE2							311 kg			
JL1							10443 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL2 GE1-J1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	E-SPL	PL	165* 9	185	70.65	2.16	4	SS400		
4	E-SPL	TCB	M 22* 65			0.508	2	S10T		
1	D-SPL-U	PL	215* 9	1025	70.65	15.6	16	SS400		
1	D-SPL-U	PL	235* 9	4356	70.65	72.3	72	SS400		
1	D-SPL-U	PL	235* 9	2665	70.65	44.2	44	SS400		
1	D-SPL	PL	215* 9	995	70.65	15.1	15	SS400		
1	D-SPL	PL	235* 9	1964	70.65	32.6	33	SS400		
2	D-SPL	PL	235* 9	2262	70.65	37.6	75	SS400		
1	D-SPL	PL	235* 9	303	70.65	5.03	5	SS400		
168	D-SPL	TCB	M 22* 70			0.523	88	S10T		
GE1-J1							354 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL2 J1-J2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	3881	70.65	64.4	64	SS400		
1	D-SPL-U	PL	235* 9	3918	70.65	65.0	65	SS400		
1	D-SPL	PL	235* 9	1469	70.65	24.4	24	SS400		
2	D-SPL	PL	235* 9	2312	70.65	38.4	77	SS400		
1	D-SPL	PL	235* 9	1506	70.65	25.0	25	SS400		
152	D-SPL	TCB	M 22* 70			0.523	79	S10T		
J1-J2							334 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL2 J2-J3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2727	70.65	45.3	45	SS400		
1	D-SPL-U	PL	235* 9	4754	70.65	78.9	79	SS400		

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1	D-SPL-U	PL	235* 9	346	70.65	5.74	6	SS400		
2	D-SPL	PL	235* 9	316	70.65	5.25	10	SS400		
3	D-SPL	PL	235* 9	2312	70.65	38.4	115	SS400		
158	D-SPL	TCB	M 22* 70			0.523	83	S10T		
J2-J3							338 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL2 J3-J4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	3918	70.65	65.0	65	SS400		
1	D-SPL-U	PL	235* 9	3868	70.65	64.2	64	SS400		
1	D-SPL	PL	235* 9	1506	70.65	25.0	25	SS400		
2	D-SPL	PL	235* 9	2312	70.65	38.4	77	SS400		
1	D-SPL	PL	235* 9	1456	70.65	24.2	24	SS400		
156	D-SPL	TCB	M 22* 70			0.523	82	S10T		
J3-J4							337 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL2 J4-J5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2777	70.65	46.1	46	SS400		
1	D-SPL-U	PL	235* 9	4754	70.65	78.9	79	SS400		
1	D-SPL-U	PL	235* 9	346	70.65	5.74	6	SS400		
1	D-SPL	PL	235* 9	366	70.65	6.08	6	SS400		
3	D-SPL	PL	235* 9	2312	70.65	38.4	115	SS400		
1	D-SPL	PL	235* 9	316	70.65	5.25	5	SS400		
158	D-SPL	TCB	M 22* 70			0.523	83	S10T		
J4-J5							340 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL2 J5-J6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	D-SPL-U	PL	235* 9	3918	70.65	65.0	130	SS400		
2	D-SPL	PL	235* 9	1506	70.65	25.0	50	SS400		
2	D-SPL	PL	235* 9	2312	70.65	38.4	77	SS400		
152	D-SPL	TCB	M 22* 70			0.523	79	S10T		
J5-J6							336 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL2 J6-J7										

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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2727	70.65	45.3	45	SS400		
1	D-SPL-U	PL	235* 9	4754	70.65	78.9	79	SS400		
1	D-SPL-U	PL	235* 9	346	70.65	5.74	6	SS400		
2	D-SPL	PL	235* 9	316	70.65	5.25	10	SS400		
3	D-SPL	PL	235* 9	2312	70.65	38.4	115	SS400		
158	D-SPL	TCB	M 22* 70			0.523	83	S10T		
J6-J7							338 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL2 J7-J8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	D-SPL-U	PL	235* 9	3918	70.65	65.0	130	SS400		
2	D-SPL	PL	235* 9	1506	70.65	25.0	50	SS400		
2	D-SPL	PL	235* 9	2312	70.65	38.4	77	SS400		
152	D-SPL	TCB	M 22* 70			0.523	79	S10T		
J7-J8							336 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL2 J8-J9										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2677	70.65	44.4	44	SS400		
1	D-SPL-U	PL	235* 9	3831	70.65	63.6	64	SS400		
1	D-SPL	PL	235* 9	316	70.65	5.25	5	SS400		
2	D-SPL	PL	235* 9	2262	70.65	37.6	75	SS400		
1	D-SPL	PL	235* 9	1469	70.65	24.4	24	SS400		
132	D-SPL	TCB	M 22* 70			0.523	69	S10T		
J8-J9							281 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL2 J9-J10										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2665	70.65	44.2	44	SM490YA		
1	D-SPL-U	PL	235* 9	2712	70.65	45.0	45	SM490YA		
1	D-SPL	PL	235* 9	303	70.65	5.03	5	SM490YA		
1	D-SPL	PL	235* 9	2262	70.65	37.6	38	SM490YA		
1	D-SPL	PL	235* 9	2299	70.65	38.2	38	SM490YA		
1	D-SPL	PL	235* 9	312	70.65	5.18	5	SM490YA		
112	D-SPL	TCB	M 22* 70			0.523	59	S10T		
J9-J10							234 kg			

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APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL2 J10-J11										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	3896	70.65	64.7	65	SS400		
1	D-SPL-U	PL	235* 9	2721	70.65	45.2	45	SS400		
1	D-SPL	PL	235* 9	1497	70.65	24.9	25	SS400		
2	D-SPL	PL	235* 9	2299	70.65	38.2	76	SS400		
1	D-SPL	PL	235* 9	322	70.65	5.35	5	SS400		
132	D-SPL	TCB	M 22* 70			0.523	69	S10T		
J10-J11							285 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL2 J11-J12										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	D-SPL-U	PL	235* 9	3962	70.65	65.8	132	SS400		
2	D-SPL	PL	235* 9	1525	70.65	25.3	51	SS400		
2	D-SPL	PL	235* 9	2337	70.65	38.8	78	SS400		
168	D-SPL	TCB	M 22* 70			0.523	88	S10T		
J11-J12							349 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL2 J12-J13										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2759	70.65	45.8	46	SS400		
1	D-SPL-U	PL	235* 9	4804	70.65	79.8	80	SS400		
1	D-SPL-U	PL	235* 9	352	70.65	5.84	6	SS400		
2	D-SPL	PL	235* 9	322	70.65	5.35	11	SS400		
3	D-SPL	PL	235* 9	2337	70.65	38.8	116	SS400		
170	D-SPL	TCB	M 22* 70			0.523	89	S10T		
J12-J13							348 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL2 J13-J14										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	3962	70.65	65.8	66	SS400		
1	D-SPL-U	PL	235* 9	2759	70.65	45.8	46	SS400		
1	D-SPL	PL	235* 9	1525	70.65	25.3	25	SS400		
2	D-SPL	PL	235* 9	2337	70.65	38.8	78	SS400		
1	D-SPL	PL	235* 9	322	70.65	5.35	5	SS400		
144	D-SPL	TCB	M 22* 70			0.523	75	S10T		

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J13-J14	295 kg
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APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL2 J14-J15										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	D-SPL-U	PL	235* 9	3962	70.65	65.8	132	SS400		
2	D-SPL	PL	235* 9	1525	70.65	25.3	51	SS400		
2	D-SPL	PL	235* 9	2337	70.65	38.8	78	SS400		
168	D-SPL	TCB	M 22* 70			0.523	88	S10T		
J14-J15							349 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL2 J15-J16										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2759	70.65	45.8	46	SS400		
1	D-SPL-U	PL	235* 9	3962	70.65	65.8	66	SS400		
1	D-SPL	PL	235* 9	322	70.65	5.35	5	SS400		
2	D-SPL	PL	235* 9	2337	70.65	38.8	78	SS400		
1	D-SPL	PL	235* 9	1525	70.65	25.3	25	SS400		
144	D-SPL	TCB	M 22* 70			0.523	75	S10T		
J15-J16							295 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL2 J16-J17										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2759	70.65	45.8	46	SS400		
1	D-SPL-U	PL	235* 9	4804	70.65	79.8	80	SS400		
1	D-SPL-U	PL	235* 9	352	70.65	5.84	6	SS400		
2	D-SPL	PL	235* 9	322	70.65	5.35	11	SS400		
3	D-SPL	PL	235* 9	2337	70.65	38.8	116	SS400		
170	D-SPL	TCB	M 22* 70			0.523	89	S10T		
J16-J17							348 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL2 J17-J18										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	3962	70.65	65.8	66	SM490YA		
1	D-SPL-U	PL	235* 9	3887	70.65	64.5	64	SM490YA		
1	D-SPL	PL	235* 9	1525	70.65	25.3	25	SM490YA		
2	D-SPL	PL	235* 9	2337	70.65	38.8	78	SM490YA		

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1	D-SPL	PL	235* 9	1450	70.65	24.1	24	SM490YA		
164	D-SPL	TCB	M 22* 70			0.523	86	S10T		
J17-J18							343 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL2 J18-J19										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2646	70.65	43.9	44	SM490YA		
1	D-SPL-U	PL	235* 9	3571	70.65	59.3	59	SM490YA		
1	D-SPL	PL	235* 9	247	70.65	4.10	4	SM490YA		
2	D-SPL	PL	235* 9	2299	70.65	38.2	76	SM490YA		
1	D-SPL	PL	235* 9	1172	70.65	19.5	20	SM490YA		
124	D-SPL	TCB	M 22* 70			0.523	65	S10T		
J18-J19							268 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL2 J19-J20										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2887	70.65	47.9	48	SM490YA		
1	D-SPL-U	PL	235* 9	2675	70.65	44.4	44	SM490YA		
1	D-SPL	PL	235* 9	488	70.65	8.10	8	SM490YA		
1	D-SPL	PL	235* 9	2299	70.65	38.2	38	SM490YA		
1	D-SPL	PL	235* 9	2162	70.65	35.9	36	SM490YA		
1	D-SPL	PL	235* 9	413	70.65	6.86	7	SM490YA		
112	D-SPL	TCB	M 22* 70			0.523	59	S10T		
J19-J20							240 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL2 J20-J21										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	3370	70.65	56.0	56	SM490YA		
1	D-SPL-U	PL	235* 9	2571	70.65	42.7	43	SM490YA		
1	D-SPL	PL	235* 9	1108	70.65	18.4	18	SM490YA		
2	D-SPL	PL	235* 9	2162	70.65	35.9	72	SM490YA		
1	D-SPL	PL	235* 9	309	70.65	5.13	5	SM490YA		
128	D-SPL	TCB	M 22* 70			0.523	67	S10T		
J20-J21							261 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL2 J21-J22										

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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	3874	70.65	64.3	64	SS400		
1	D-SPL-U	PL	235* 9	2696	70.65	44.8	45	SS400		
1	D-SPL	PL	235* 9	1488	70.65	24.7	25	SS400		
2	D-SPL	PL	235* 9	2287	70.65	38.0	76	SS400		
1	D-SPL	PL	235* 9	309	70.65	5.13	5	SS400		
132	D-SPL	TCB	M 22* 70			0.523	69	S10T		
J21-J22							284 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL2 J22-J23										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	D-SPL-U	PL	235* 9	3874	70.65	64.3	129	SS400		
2	D-SPL	PL	235* 9	1488	70.65	24.7	49	SS400		
2	D-SPL	PL	235* 9	2287	70.65	38.0	76	SS400		
152	D-SPL	TCB	M 22* 70			0.523	79	S10T		
J22-J23							333 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL2 J23-J24										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2696	70.65	44.8	45	SS400		
1	D-SPL-U	PL	235* 9	4704	70.65	78.1	78	SS400		
1	D-SPL-U	PL	235* 9	339	70.65	5.63	6	SS400		
2	D-SPL	PL	235* 9	309	70.65	5.13	10	SS400		
3	D-SPL	PL	235* 9	2287	70.65	38.0	114	SS400		
158	D-SPL	TCB	M 22* 70			0.523	83	S10T		
J23-J24							336 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL2 J24-J25										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	3874	70.65	64.3	64	SM490YA		
1	D-SPL-U	PL	235* 9	3179	70.65	52.8	53	SM490YA		
1	D-SPL	PL	235* 9	1488	70.65	24.7	25	SM490YA		
2	D-SPL	PL	235* 9	2287	70.65	38.0	76	SM490YA		
1	D-SPL	PL	235* 9	1333	70.65	22.1	22	SM490YA		
152	D-SPL	TCB	M 22* 70			0.523	79	S10T		
J24-J25							319 kg			

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APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL2 J25-J26											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	D-SPL-U	PL	235* 9	2701	70.65	44.8	45	SM490YA			
1	D-SPL-U	PL	235* 9	4716	70.65	78.3	78	SM490YA			
1	D-SPL-U	PL	235* 9	384	70.65	6.38	6	SM490YA			
1	D-SPL	PL	235* 9	314	70.65	5.21	5	SM490YA			
1	D-SPL	PL	235* 9	2287	70.65	38.0	38	SM490YA			
1	D-SPL	PL	235* 9	2337	70.65	38.8	39	SM490YA			
1	D-SPL	PL	235* 9	2249	70.65	37.3	37	SM490YA			
1	D-SPL	PL	235* 9	354	70.65	5.88	6	SM490YA			
162	D-SPL	TCB	M 22* 70			0.523	85	S10T			
							J25-J26				339 kg

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL2 J26-J27											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	D-SPL-U	PL	235* 9	3605	70.65	59.9	60	SM490YA			
1	D-SPL-U	PL	235* 9	3608	70.65	59.9	60	SM490YA			
1	D-SPL	PL	235* 9	1256	70.65	20.9	21	SM490YA			
1	D-SPL	PL	235* 9	2249	70.65	37.3	37	SM490YA			
1	D-SPL	PL	235* 9	2279	70.65	37.8	38	SM490YA			
1	D-SPL	PL	235* 9	1229	70.65	20.4	20	SM490YA			
144	D-SPL	TCB	M 22* 70			0.523	75	S10T			
							J26-J27				311 kg

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL2 J27-J28											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	D-SPL-U	PL	235* 9	2796	70.65	46.4	46	SM490YA			
1	D-SPL-U	PL	235* 9	3672	70.65	61.0	61	SM490YA			
1	D-SPL	PL	235* 9	413	70.65	6.86	7	SM490YA			
2	D-SPL	PL	235* 9	2283	70.65	37.9	76	SM490YA			
1	D-SPL	PL	235* 9	1290	70.65	21.4	21	SM490YA			
128	D-SPL	TCB	M 22* 70			0.523	67	S10T			
							J27-J28				278 kg

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL2 J28-J29										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2736	70.65	45.4	45	SM490YA		

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1	D-SPL-U	PL	235* 9	3713	70.65	61.6	62	SM490YA		
1	D-SPL	PL	235* 9	353	70.65	5.86	6	SM490YA		
2	D-SPL	PL	235* 9	2283	70.65	37.9	76	SM490YA		
1	D-SPL	PL	235* 9	1330	70.65	22.1	22	SM490YA		
132	D-SPL	TCB	M 22* 70			0.523	69	S10T		
J28-J29							280 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL2 J29-J30										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2697	70.65	44.8	45	SM490YA		
1	D-SPL-U	PL	235* 9	4697	70.65	78.0	78	SM490YA		
1	D-SPL-U	PL	235* 9	343	70.65	5.69	6	SM490YA		
2	D-SPL	PL	235* 9	313	70.65	5.20	10	SM490YA		
2	D-SPL	PL	235* 9	2283	70.65	37.9	76	SM490YA		
1	D-SPL	PL	235* 9	2284	70.65	37.9	38	SM490YA		
158	D-SPL	TCB	M 22* 70			0.523	83	S10T		
J29-J30							336 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL2 J30-J31										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	3714	70.65	61.7	62	SM490YA		
1	D-SPL-U	PL	235* 9	3870	70.65	64.2	64	SM490YA		
1	D-SPL	PL	235* 9	1330	70.65	22.1	22	SM490YA		
2	D-SPL	PL	235* 9	2284	70.65	37.9	76	SM490YA		
1	D-SPL	PL	235* 9	1486	70.65	24.7	25	SM490YA		
152	D-SPL	TCB	M 22* 70			0.523	79	S10T		
J30-J31							328 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL2 J31-J32										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2709	70.65	45.0	45	SS400		
1	D-SPL-U	PL	235* 9	4738	70.65	78.6	79	SS400		
1	D-SPL-U	PL	235* 9	344	70.65	5.71	6	SS400		
1	D-SPL	PL	235* 9	309	70.65	5.13	5	SS400		
1	D-SPL	PL	235* 9	2301	70.65	38.2	38	SS400		
1	D-SPL	PL	235* 9	2317	70.65	38.5	38	SS400		
1	D-SPL	PL	235* 9	2291	70.65	38.0	38	SS400		
1	D-SPL	PL	235* 9	314	70.65	5.21	5	SS400		

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158	D-SPL	TCB	M 22* 70			0.523	83	S10T		
J31-J32						337 kg				

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL2 J32-GE2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	E-SPL	PL	165* 9	185	70.65	2.16	4	SS400		
4	E-SPL	TCB	M 22* 65			0.508	2	S10T		
1	D-SPL-U	PL	235* 9	3886	70.65	64.5	64	SS400		
1	D-SPL-U	PL	235* 9	2315	70.65	38.4	38	SS400		
1	D-SPL-U	PL	215* 9	925	70.65	14.1	14	SS400		
1	D-SPL	PL	235* 9	1531	70.65	25.4	25	SS400		
2	D-SPL	PL	235* 9	2255	70.65	37.4	75	SS400		
1	D-SPL	PL	215* 9	895	70.65	13.6	14	SS400		
150	D-SPL	TCB	M 22* 70			0.523	78	S10T		
J32-GE2						314 kg				
JL2						10404 kg				

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL3 GE1-J1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	E-SPL	PL	165* 9	185	70.65	2.16	4	SS400		
4	E-SPL	TCB	M 22* 65			0.508	2	S10T		
1	D-SPL-U	PL	215* 9	1025	70.65	15.6	16	SS400		
1	D-SPL-U	PL	235* 9	4353	70.65	72.3	72	SS400		
1	D-SPL-U	PL	235* 9	2263	70.65	37.6	38	SS400		
1	D-SPL	PL	215* 9	995	70.65	15.1	15	SS400		
1	D-SPL	PL	235* 9	1462	70.65	24.3	24	SS400		
2	D-SPL	PL	235* 9	2260	70.65	37.5	75	SS400		
1	D-SPL	PL	235* 9	303	70.65	5.03	5	SS400		
168	D-SPL	TCB	M 22* 70			0.523	88	S10T		
GE1-J1						339 kg				

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL3 J1-J2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	3878	70.65	64.4	64	SS400		
1	D-SPL-U	PL	235* 9	3916	70.65	65.0	65	SS400		
1	D-SPL	PL	235* 9	1468	70.65	24.4	24	SS400		
2	D-SPL	PL	235* 9	2310	70.65	38.3	77	SS400		

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1	D-SPL	PL	235* 9	1505	70.65	25.0	25	SS400		
156	D-SPL	TCB	M 22* 70			0.523	82	S10T		
J1-J2							337 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL3 J2-J3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2726	70.65	45.3	45	SS400		
1	D-SPL-U	PL	235* 9	4751	70.65	78.8	79	SS400		
1	D-SPL-U	PL	235* 9	345	70.65	5.73	6	SS400		
2	D-SPL	PL	235* 9	315	70.65	5.23	10	SS400		
3	D-SPL	PL	235* 9	2310	70.65	38.3	115	SS400		
158	D-SPL	TCB	M 22* 70			0.523	83	S10T		
J2-J3							338 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL3 J3-J4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	3916	70.65	65.0	65	SS400		
1	D-SPL-U	PL	235* 9	3866	70.65	64.2	64	SS400		
1	D-SPL	PL	235* 9	1505	70.65	25.0	25	SS400		
2	D-SPL	PL	235* 9	2310	70.65	38.3	77	SS400		
1	D-SPL	PL	235* 9	1455	70.65	24.2	24	SS400		
152	D-SPL	TCB	M 22* 70			0.523	79	S10T		
J3-J4							334 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL3 J4-J5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2776	70.65	46.1	46	SS400		
1	D-SPL-U	PL	235* 9	4751	70.65	78.8	79	SS400		
1	D-SPL-U	PL	235* 9	345	70.65	5.73	6	SS400		
1	D-SPL	PL	235* 9	365	70.65	6.06	6	SS400		
3	D-SPL	PL	235* 9	2310	70.65	38.3	115	SS400		
1	D-SPL	PL	235* 9	315	70.65	5.23	5	SS400		
158	D-SPL	TCB	M 22* 70			0.523	83	S10T		
J4-J5							340 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL3 J5-J6										
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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	D-SPL-U	PL	235* 9	3916	70.65	65.0	130	SS400		
2	D-SPL	PL	235* 9	1505	70.65	25.0	50	SS400		
2	D-SPL	PL	235* 9	2310	70.65	38.3	77	SS400		
152	D-SPL	TCB	M 22* 70			0.523	79	S10T		
J5-J6							336 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL3 J6-J7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2726	70.65	45.3	45	SS400		
1	D-SPL-U	PL	235* 9	4751	70.65	78.8	79	SS400		
1	D-SPL-U	PL	235* 9	345	70.65	5.73	6	SS400		
2	D-SPL	PL	235* 9	315	70.65	5.23	10	SS400		
3	D-SPL	PL	235* 9	2310	70.65	38.3	115	SS400		
158	D-SPL	TCB	M 22* 70			0.523	83	S10T		
J6-J7							338 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL3 J7-J8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	D-SPL-U	PL	235* 9	3916	70.65	65.0	130	SS400		
2	D-SPL	PL	235* 9	1505	70.65	25.0	50	SS400		
2	D-SPL	PL	235* 9	2310	70.65	38.3	77	SS400		
152	D-SPL	TCB	M 22* 70			0.523	79	S10T		
J7-J8							336 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL3 J8-J9										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2675	70.65	44.4	44	SS400		
1	D-SPL-U	PL	235* 9	3828	70.65	63.6	64	SS400		
1	D-SPL	PL	235* 9	315	70.65	5.23	5	SS400		
2	D-SPL	PL	235* 9	2260	70.65	37.5	75	SS400		
1	D-SPL	PL	235* 9	1468	70.65	24.4	24	SS400		
132	D-SPL	TCB	M 22* 70			0.523	69	S10T		
J8-J9							281 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL3 J9-J10										

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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2663	70.65	44.2	44	SM490YA		
1	D-SPL-U	PL	235* 9	2710	70.65	45.0	45	SM490YA		
1	D-SPL	PL	235* 9	303	70.65	5.03	5	SM490YA		
1	D-SPL	PL	235* 9	2260	70.65	37.5	38	SM490YA		
1	D-SPL	PL	235* 9	2298	70.65	38.2	38	SM490YA		
1	D-SPL	PL	235* 9	312	70.65	5.18	5	SM490YA		
112	D-SPL	TCB	M 22* 70			0.523	59	S10T		
J9-J10							234 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL3 J10-J11										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	3894	70.65	64.7	65	SS400		
1	D-SPL-U	PL	235* 9	2719	70.65	45.1	45	SS400		
1	D-SPL	PL	235* 9	1496	70.65	24.8	25	SS400		
2	D-SPL	PL	235* 9	2298	70.65	38.2	76	SS400		
1	D-SPL	PL	235* 9	321	70.65	5.33	5	SS400		
132	D-SPL	TCB	M 22* 70			0.523	69	S10T		
J10-J11							285 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL3 J11-J12										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	D-SPL-U	PL	235* 9	3960	70.65	65.7	131	SS400		
2	D-SPL	PL	235* 9	1524	70.65	25.3	51	SS400		
2	D-SPL	PL	235* 9	2335	70.65	38.8	78	SS400		
168	D-SPL	TCB	M 22* 70			0.523	88	S10T		
J11-J12							348 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL3 J12-J13										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2757	70.65	45.8	46	SS400		
1	D-SPL-U	PL	235* 9	4801	70.65	79.7	80	SS400		
1	D-SPL-U	PL	235* 9	351	70.65	5.83	6	SS400		
2	D-SPL	PL	235* 9	321	70.65	5.33	11	SS400		
3	D-SPL	PL	235* 9	2335	70.65	38.8	116	SS400		
170	D-SPL	TCB	M 22* 70			0.523	89	S10T		
J12-J13							348 kg			

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APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL3 J13-J14										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	3960	70.65	65.7	66	SS400		
1	D-SPL-U	PL	235* 9	2757	70.65	45.8	46	SS400		
1	D-SPL	PL	235* 9	1524	70.65	25.3	25	SS400		
2	D-SPL	PL	235* 9	2335	70.65	38.8	78	SS400		
1	D-SPL	PL	235* 9	321	70.65	5.33	5	SS400		
144	D-SPL	TCB	M 22* 70			0.523	75	S10T		
J13-J14							295 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL3 J14-J15										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	D-SPL-U	PL	235* 9	3960	70.65	65.7	131	SS400		
2	D-SPL	PL	235* 9	1524	70.65	25.3	51	SS400		
2	D-SPL	PL	235* 9	2335	70.65	38.8	78	SS400		
168	D-SPL	TCB	M 22* 70			0.523	88	S10T		
J14-J15							348 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL3 J15-J16										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2757	70.65	45.8	46	SS400		
1	D-SPL-U	PL	235* 9	3960	70.65	65.7	66	SS400		
1	D-SPL	PL	235* 9	321	70.65	5.33	5	SS400		
2	D-SPL	PL	235* 9	2335	70.65	38.8	78	SS400		
1	D-SPL	PL	235* 9	1524	70.65	25.3	25	SS400		
144	D-SPL	TCB	M 22* 70			0.523	75	S10T		
J15-J16							295 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL3 J16-J17										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2757	70.65	45.8	46	SS400		
1	D-SPL-U	PL	235* 9	4801	70.65	79.7	80	SS400		
1	D-SPL-U	PL	235* 9	351	70.65	5.83	6	SS400		
2	D-SPL	PL	235* 9	321	70.65	5.33	11	SS400		
3	D-SPL	PL	235* 9	2335	70.65	38.8	116	SS400		
170	D-SPL	TCB	M 22* 70			0.523	89	S10T		

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J16-J17	348 kg
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APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL3 J17-J18										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	3960	70.65	65.7	66	SM490YA		
1	D-SPL-U	PL	235* 9	3885	70.65	64.5	64	SM490YA		
1	D-SPL	PL	235* 9	1524	70.65	25.3	25	SM490YA		
2	D-SPL	PL	235* 9	2335	70.65	38.8	78	SM490YA		
1	D-SPL	PL	235* 9	1449	70.65	24.1	24	SM490YA		
164	D-SPL	TCB	M 22* 70			0.523	86	S10T		
J17-J18										
343 kg										

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL3 J18-J19										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2644	70.65	43.9	44	SM490YA		
1	D-SPL-U	PL	235* 9	3569	70.65	59.3	59	SM490YA		
1	D-SPL	PL	235* 9	246	70.65	4.08	4	SM490YA		
2	D-SPL	PL	235* 9	2298	70.65	38.2	76	SM490YA		
1	D-SPL	PL	235* 9	1171	70.65	19.4	19	SM490YA		
144	D-SPL	TCB	M 22* 70			0.523	75	S10T		
J18-J19										
277 kg										

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL3 J19-J20										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2885	70.65	47.9	48	SM490YA		
1	D-SPL-U	PL	235* 9	2673	70.65	44.4	44	SM490YA		
1	D-SPL	PL	235* 9	487	70.65	8.08	8	SM490YA		
1	D-SPL	PL	235* 9	2298	70.65	38.2	38	SM490YA		
1	D-SPL	PL	235* 9	2160	70.65	35.9	36	SM490YA		
1	D-SPL	PL	235* 9	413	70.65	6.86	7	SM490YA		
112	D-SPL	TCB	M 22* 70			0.523	59	S10T		
J19-J20										
240 kg										

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL3 J20-J21										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	3367	70.65	55.9	56	SM490YA		

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1	D-SPL-U	PL	235* 9	2569	70.65	42.7	43	SM490YA		
1	D-SPL	PL	235* 9	1107	70.65	18.4	18	SM490YA		
2	D-SPL	PL	235* 9	2160	70.65	35.9	72	SM490YA		
1	D-SPL	PL	235* 9	309	70.65	5.13	5	SM490YA		
128	D-SPL	TCB	M 22* 70			0.523	67	S10T		
							J20-J21			
							261 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL3 J21-J22										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	3872	70.65	64.3	64	SS400		
1	D-SPL-U	PL	235* 9	2694	70.65	44.7	45	SS400		
1	D-SPL	PL	235* 9	1487	70.65	24.7	25	SS400		
2	D-SPL	PL	235* 9	2285	70.65	37.9	76	SS400		
1	D-SPL	PL	235* 9	309	70.65	5.13	5	SS400		
132	D-SPL	TCB	M 22* 70			0.523	69	S10T		
							J21-J22			
							284 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL3 J22-J23										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	D-SPL-U	PL	235* 9	3872	70.65	64.3	129	SS400		
2	D-SPL	PL	235* 9	1487	70.65	24.7	49	SS400		
2	D-SPL	PL	235* 9	2285	70.65	37.9	76	SS400		
152	D-SPL	TCB	M 22* 70			0.523	79	S10T		
							J22-J23			
							333 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL3 J23-J24										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2694	70.65	44.7	45	SS400		
1	D-SPL-U	PL	235* 9	4701	70.65	78.1	78	SS400		
1	D-SPL-U	PL	235* 9	339	70.65	5.63	6	SS400		
2	D-SPL	PL	235* 9	309	70.65	5.13	10	SS400		
3	D-SPL	PL	235* 9	2285	70.65	37.9	114	SS400		
158	D-SPL	TCB	M 22* 70			0.523	83	S10T		
							J23-J24			
							336 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL3 J24-J25										

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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	3872	70.65	64.3	64	SM490YA		
1	D-SPL-U	PL	235* 9	3717	70.65	61.7	62	SM490YA		
1	D-SPL	PL	235* 9	1487	70.65	24.7	25	SM490YA		
2	D-SPL	PL	235* 9	2285	70.65	37.9	76	SM490YA		
1	D-SPL	PL	235* 9	1331	70.65	22.1	22	SM490YA		
152	D-SPL	TCB	M 22* 70			0.523	79	S10T		
J24-J25							328 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL3 J25-J26										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2699	70.65	44.8	45	SM490YA		
1	D-SPL-U	PL	235* 9	4709	70.65	78.2	78	SM490YA		
1	D-SPL-U	PL	235* 9	387	70.65	6.42	6	SM490YA		
1	D-SPL	PL	235* 9	314	70.65	5.21	5	SM490YA		
1	D-SPL	PL	235* 9	2285	70.65	37.9	38	SM490YA		
1	D-SPL	PL	235* 9	2320	70.65	38.5	38	SM490YA		
1	D-SPL	PL	235* 9	2259	70.65	37.5	38	SM490YA		
1	D-SPL	PL	235* 9	357	70.65	5.93	6	SM490YA		
158	D-SPL	TCB	M 22* 70			0.523	83	S10T		
J25-J26							337 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL3 J26-J27										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	3622	70.65	60.1	60	SM490YA		
1	D-SPL-U	PL	235* 9	3609	70.65	59.9	60	SM490YA		
1	D-SPL	PL	235* 9	1263	70.65	21.0	21	SM490YA		
1	D-SPL	PL	235* 9	2259	70.65	37.5	38	SM490YA		
1	D-SPL	PL	235* 9	2280	70.65	37.9	38	SM490YA		
1	D-SPL	PL	235* 9	1229	70.65	20.4	20	SM490YA		
144	D-SPL	TCB	M 22* 70			0.523	75	S10T		
J26-J27							312 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL3 J27-J28										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2796	70.65	46.4	46	SM490YA		
1	D-SPL-U	PL	235* 9	3672	70.65	61.0	61	SM490YA		
1	D-SPL	PL	235* 9	413	70.65	6.86	7	SM490YA		

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2	D-SPL	PL	235* 9	2283	70.65	37.9	76	SM490YA		
1	D-SPL	PL	235* 9	1290	70.65	21.4	21	SM490YA		
128	D-SPL	TCB	M 22* 70			0.523	67	S10T		
J27-J28							278 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL3 J28-J29										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2736	70.65	45.4	45	SM490YA		
1	D-SPL-U	PL	235* 9	3713	70.65	61.6	62	SM490YA		
1	D-SPL	PL	235* 9	353	70.65	5.86	6	SM490YA		
2	D-SPL	PL	235* 9	2283	70.65	37.9	76	SM490YA		
1	D-SPL	PL	235* 9	1330	70.65	22.1	22	SM490YA		
132	D-SPL	TCB	M 22* 70			0.523	69	S10T		
J28-J29							280 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL3 J29-J30										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2697	70.65	44.8	45	SM490YA		
1	D-SPL-U	PL	235* 9	4697	70.65	78.0	78	SM490YA		
1	D-SPL-U	PL	235* 9	343	70.65	5.69	6	SM490YA		
2	D-SPL	PL	235* 9	313	70.65	5.20	10	SM490YA		
2	D-SPL	PL	235* 9	2283	70.65	37.9	76	SM490YA		
1	D-SPL	PL	235* 9	2284	70.65	37.9	38	SM490YA		
158	D-SPL	TCB	M 22* 70			0.523	83	S10T		
J29-J30							336 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL3 J30-J31										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	3714	70.65	61.7	62	SM490YA		
1	D-SPL-U	PL	235* 9	3870	70.65	64.2	64	SM490YA		
1	D-SPL	PL	235* 9	1330	70.65	22.1	22	SM490YA		
2	D-SPL	PL	235* 9	2284	70.65	37.9	76	SM490YA		
1	D-SPL	PL	235* 9	1486	70.65	24.7	25	SM490YA		
152	D-SPL	TCB	M 22* 70			0.523	79	S10T		
J30-J31							328 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL3 J31-J32										
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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2704	70.65	44.9	45	SS400		
1	D-SPL-U	PL	235* 9	4717	70.65	78.3	78	SS400		
1	D-SPL-U	PL	235* 9	341	70.65	5.66	6	SS400		
1	D-SPL	PL	235* 9	309	70.65	5.13	5	SS400		
1	D-SPL	PL	235* 9	2296	70.65	38.1	38	SS400		
1	D-SPL	PL	235* 9	2307	70.65	38.3	38	SS400		
1	D-SPL	PL	235* 9	2281	70.65	37.9	38	SS400		
1	D-SPL	PL	235* 9	311	70.65	5.16	5	SS400		
158	D-SPL	TCB	M 22* 70			0.523	83	S10T		
J31-J32							336 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL3 J32-GE2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	E-SPL	PL	165* 9	185	70.65	2.16	4	SS400		
4	E-SPL	TCB	M 22* 65			0.508	2	S10T		
1	D-SPL-U	PL	235* 9	3865	70.65	64.2	64	SS400		
1	D-SPL-U	PL	235* 9	2015	70.65	33.5	34	SS400		
1	D-SPL-U	PL	215* 9	1225	70.65	18.6	19	SS400		
1	D-SPL	PL	235* 9	1510	70.65	25.1	25	SS400		
2	D-SPL	PL	235* 9	1955	70.65	32.5	65	SS400		
1	D-SPL	PL	215* 9	1195	70.65	18.1	18	SS400		
150	D-SPL	TCB	M 22* 70			0.523	78	S10T		
J32-GE2							309 kg			
JL3							10398 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL4 GE1-J1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	E-SPL	PL	165* 9	185	70.65	2.16	4	SS400		
4	E-SPL	TCB	M 22* 65			0.508	2	S10T		
1	D-SPL-U	PL	215* 9	1025	70.65	15.6	16	SS400		
1	D-SPL-U	PL	235* 9	4344	70.65	72.1	72	SS400		
1	D-SPL-U	PL	235* 9	2658	70.65	44.1	44	SS400		
1	D-SPL	PL	215* 9	995	70.65	15.1	15	SS400		
3	D-SPL	PL	235* 9	1957	70.65	32.5	98	SS400		
1	D-SPL	PL	235* 9	302	70.65	5.01	5	SS400		
168	D-SPL	TCB	M 22* 70			0.523	88	S10T		

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GE1-J1	344 kg
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APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL4 J1-J2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	3872	70.65	64.3	64	SS400		
1	D-SPL-U	PL	235* 9	3909	70.65	64.9	65	SS400		
1	D-SPL	PL	235* 9	1465	70.65	24.3	24	SS400		
2	D-SPL	PL	235* 9	2307	70.65	38.3	77	SS400		
1	D-SPL	PL	235* 9	1503	70.65	25.0	25	SS400		
156	D-SPL	TCB	M 22* 70			0.523	82	S10T		
							J1-J2	337 kg		

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL4 J2-J3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2721	70.65	45.2	45	SS400		
1	D-SPL-U	PL	235* 9	4743	70.65	78.8	79	SS400		
1	D-SPL-U	PL	235* 9	344	70.65	5.71	6	SS400		
2	D-SPL	PL	235* 9	314	70.65	5.21	10	SS400		
3	D-SPL	PL	235* 9	2307	70.65	38.3	115	SS400		
158	D-SPL	TCB	M 22* 70			0.523	83	S10T		
							J2-J3	338 kg		

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL4 J3-J4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	3909	70.65	64.9	65	SS400		
1	D-SPL-U	PL	235* 9	3859	70.65	64.1	64	SS400		
1	D-SPL	PL	235* 9	1503	70.65	25.0	25	SS400		
2	D-SPL	PL	235* 9	2307	70.65	38.3	77	SS400		
1	D-SPL	PL	235* 9	1453	70.65	24.1	24	SS400		
152	D-SPL	TCB	M 22* 70			0.523	79	S10T		
							J3-J4	334 kg		

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL4 J4-J5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2771	70.65	46.0	46	SS400		
1	D-SPL-U	PL	235* 9	4743	70.65	78.8	79	SS400		
1	D-SPL-U	PL	235* 9	344	70.65	5.71	6	SS400		

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1	D-SPL	PL	235* 9	364	70.65	6.04	6	SS400		
3	D-SPL	PL	235* 9	2307	70.65	38.3	115	SS400		
1	D-SPL	PL	235* 9	314	70.65	5.21	5	SS400		
158	D-SPL	TCB	M 22* 70			0.523	83	S10T		
J4-J5							340 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL4 J5-J6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	D-SPL-U	PL	235* 9	3909	70.65	64.9	130	SS400		
2	D-SPL	PL	235* 9	1503	70.65	25.0	50	SS400		
2	D-SPL	PL	235* 9	2307	70.65	38.3	77	SS400		
152	D-SPL	TCB	M 22* 70			0.523	79	S10T		
J5-J6							336 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL4 J6-J7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2721	70.65	45.2	45	SS400		
1	D-SPL-U	PL	235* 9	4743	70.65	78.8	79	SS400		
1	D-SPL-U	PL	235* 9	344	70.65	5.71	6	SS400		
2	D-SPL	PL	235* 9	314	70.65	5.21	10	SS400		
3	D-SPL	PL	235* 9	2307	70.65	38.3	115	SS400		
158	D-SPL	TCB	M 22* 70			0.523	83	S10T		
J6-J7							338 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL4 J7-J8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	D-SPL-U	PL	235* 9	3909	70.65	64.9	130	SS400		
2	D-SPL	PL	235* 9	1503	70.65	25.0	50	SS400		
2	D-SPL	PL	235* 9	2307	70.65	38.3	77	SS400		
152	D-SPL	TCB	M 22* 70			0.523	79	S10T		
J7-J8							336 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL4 J8-J9										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2671	70.65	44.3	44	SS400		
1	D-SPL-U	PL	235* 9	3822	70.65	63.5	64	SS400		

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1	D-SPL	PL	235* 9	314	70.65	5.21	5	SS400		
2	D-SPL	PL	235* 9	2257	70.65	37.5	75	SS400		
1	D-SPL	PL	235* 9	1465	70.65	24.3	24	SS400		
132	D-SPL	TCB	M 22* 70			0.523	69	S10T		
J8-J9							281 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL4 J9-J10										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2658	70.65	44.1	44	SM490YA		
1	D-SPL-U	PL	235* 9	2705	70.65	44.9	45	SM490YA		
1	D-SPL	PL	235* 9	302	70.65	5.01	5	SM490YA		
1	D-SPL	PL	235* 9	2257	70.65	37.5	38	SM490YA		
1	D-SPL	PL	235* 9	2294	70.65	38.1	38	SM490YA		
1	D-SPL	PL	235* 9	311	70.65	5.16	5	SM490YA		
112	D-SPL	TCB	M 22* 70			0.523	59	S10T		
J9-J10							234 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL4 J10-J11										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	3887	70.65	64.5	64	SS400		
1	D-SPL-U	PL	235* 9	2715	70.65	45.1	45	SS400		
1	D-SPL	PL	235* 9	1493	70.65	24.8	25	SS400		
2	D-SPL	PL	235* 9	2294	70.65	38.1	76	SS400		
1	D-SPL	PL	235* 9	320	70.65	5.31	5	SS400		
132	D-SPL	TCB	M 22* 70			0.523	69	S10T		
J10-J11							284 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL4 J11-J12										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	D-SPL-U	PL	235* 9	3953	70.65	65.6	131	SS400		
2	D-SPL	PL	235* 9	1521	70.65	25.3	51	SS400		
2	D-SPL	PL	235* 9	2332	70.65	38.7	77	SS400		
168	D-SPL	TCB	M 22* 70			0.523	88	S10T		
J11-J12							347 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL4 J12-J13										

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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2752	70.65	45.7	46	SS400		
1	D-SPL-U	PL	235* 9	4794	70.65	79.6	80	SS400		
1	D-SPL-U	PL	235* 9	350	70.65	5.81	6	SS400		
2	D-SPL	PL	235* 9	320	70.65	5.31	11	SS400		
3	D-SPL	PL	235* 9	2332	70.65	38.7	116	SS400		
170	D-SPL	TCB	M 22* 70			0.523	89	S10T		
J12-J13							348 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL4 J13-J14										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	3953	70.65	65.6	66	SS400		
1	D-SPL-U	PL	235* 9	2752	70.65	45.7	46	SS400		
1	D-SPL	PL	235* 9	1521	70.65	25.3	25	SS400		
2	D-SPL	PL	235* 9	2332	70.65	38.7	77	SS400		
1	D-SPL	PL	235* 9	320	70.65	5.31	5	SS400		
144	D-SPL	TCB	M 22* 70			0.523	75	S10T		
J13-J14							294 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL4 J14-J15										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	D-SPL-U	PL	235* 9	3953	70.65	65.6	131	SS400		
2	D-SPL	PL	235* 9	1521	70.65	25.3	51	SS400		
2	D-SPL	PL	235* 9	2332	70.65	38.7	77	SS400		
168	D-SPL	TCB	M 22* 70			0.523	88	S10T		
J14-J15							347 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL4 J15-J16										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2752	70.65	45.7	46	SS400		
1	D-SPL-U	PL	235* 9	3953	70.65	65.6	66	SS400		
1	D-SPL	PL	235* 9	320	70.65	5.31	5	SS400		
2	D-SPL	PL	235* 9	2332	70.65	38.7	77	SS400		
1	D-SPL	PL	235* 9	1251	70.65	20.8	21	SS400		
144	D-SPL	TCB	M 22* 70			0.523	75	S10T		
J15-J16							290 kg			

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APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL4 J16-J17										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2752	70.65	45.7	46	SS400		
1	D-SPL-U	PL	235* 9	4794	70.65	79.6	80	SS400		
1	D-SPL-U	PL	235* 9	350	70.65	5.81	6	SS400		
2	D-SPL	PL	235* 9	320	70.65	5.31	11	SS400		
3	D-SPL	PL	235* 9	2332	70.65	38.7	116	SS400		
170	D-SPL	TCB	M 22* 70			0.523	89	S10T		
							J16-J17 348 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL4 J17-J18										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	3953	70.65	65.6	66	SM490YA		
1	D-SPL-U	PL	235* 9	3878	70.65	64.4	64	SM490YA		
1	D-SPL	PL	235* 9	1521	70.65	25.3	25	SM490YA		
2	D-SPL	PL	235* 9	2332	70.65	38.7	77	SM490YA		
1	D-SPL	PL	235* 9	1446	70.65	24.0	24	SM490YA		
164	D-SPL	TCB	M 22* 70			0.523	86	S10T		
							J17-J18 342 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL4 J18-J19										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2640	70.65	43.8	44	SM490YA		
1	D-SPL-U	PL	235* 9	3563	70.65	59.2	59	SM490YA		
1	D-SPL	PL	235* 9	245	70.65	4.07	4	SM490YA		
2	D-SPL	PL	235* 9	2294	70.65	38.1	76	SM490YA		
1	D-SPL	PL	235* 9	1168	70.65	19.4	19	SM490YA		
124	D-SPL	TCB	M 22* 70			0.523	65	S10T		
							J18-J19 267 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL4 J19-J20										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2880	70.65	47.8	48	SM490YA		
1	D-SPL-U	PL	235* 9	2668	70.65	44.3	44	SM490YA		
1	D-SPL	PL	235* 9	486	70.65	8.07	8	SM490YA		
1	D-SPL	PL	235* 9	2294	70.65	38.1	38	SM490YA		
1	D-SPL	PL	235* 9	2157	70.65	35.8	36	SM490YA		

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1	D-SPL	PL	235* 9	412	70.65	6.84	7	SM490YA		
112	D-SPL	TCB	M 22* 70			0.523	59	S10T		
J19-J20							240 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL4 J20-J21										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	3362	70.65	55.8	56	SM490YA		
1	D-SPL-U	PL	235* 9	2565	70.65	42.6	43	SM490YA		
1	D-SPL	PL	235* 9	1105	70.65	18.3	18	SM490YA		
2	D-SPL	PL	235* 9	2157	70.65	35.8	72	SM490YA		
1	D-SPL	PL	235* 9	308	70.65	5.11	5	SM490YA		
128	D-SPL	TCB	M 22* 70			0.523	67	S10T		
J20-J21							261 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL4 J21-J22										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	3866	70.65	64.2	64	SS400		
1	D-SPL-U	PL	235* 9	2690	70.65	44.7	45	SS400		
1	D-SPL	PL	235* 9	1484	70.65	24.6	25	SS400		
2	D-SPL	PL	235* 9	2282	70.65	37.9	76	SS400		
1	D-SPL	PL	235* 9	308	70.65	5.11	5	SS400		
132	D-SPL	TCB	M 22* 70			0.523	69	S10T		
J21-J22							284 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL4 J22-J23										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	D-SPL-U	PL	235* 9	3866	70.65	64.2	128	SS400		
2	D-SPL	PL	235* 9	1484	70.65	24.6	49	SS400		
2	D-SPL	PL	235* 9	2282	70.65	37.9	76	SS400		
152	D-SPL	TCB	M 22* 70			0.523	79	S10T		
J22-J23							332 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL4 J23-J24										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2690	70.65	44.7	45	SS400		
1	D-SPL-U	PL	235* 9	4693	70.65	77.9	78	SS400		

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1	D-SPL-U	PL	235* 9	338	70.65	5.61	6	SS400		
2	D-SPL	PL	235* 9	308	70.65	5.11	10	SS400		
3	D-SPL	PL	235* 9	2282	70.65	37.9	114	SS400		
158	D-SPL	TCB	M 22* 70			0.523	83	S10T		
J23-J24							336 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL4 J24-J25										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	3866	70.65	64.2	64	SM490YA		
1	D-SPL-U	PL	235* 9	3711	70.65	61.6	62	SM490YA		
1	D-SPL	PL	235* 9	1484	70.65	24.6	25	SM490YA		
2	D-SPL	PL	235* 9	2282	70.65	37.9	76	SM490YA		
1	D-SPL	PL	235* 9	1329	70.65	22.1	22	SM490YA		
152	D-SPL	TCB	M 22* 70			0.523	79	S10T		
J24-J25							328 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL4 J25-J26										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2695	70.65	44.7	45	SM490YA		
1	D-SPL-U	PL	235* 9	4694	70.65	77.9	78	SM490YA		
1	D-SPL-U	PL	235* 9	394	70.65	6.54	7	SM490YA		
1	D-SPL	PL	235* 9	313	70.65	5.20	5	SM490YA		
3	D-SPL	PL	235* 9	2282	70.65	37.9	114	SM490YA		
1	D-SPL	PL	235* 9	364	70.65	6.04	6	SM490YA		
158	D-SPL	TCB	M 22* 70			0.523	83	S10T		
J25-J26							338 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL4 J26-J27										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	3660	70.65	60.8	61	SM490YA		
1	D-SPL-U	PL	235* 9	3615	70.65	60.0	60	SM490YA		
1	D-SPL	PL	235* 9	1278	70.65	21.2	21	SM490YA		
2	D-SPL	PL	235* 9	2282	70.65	37.9	76	SM490YA		
1	D-SPL	PL	235* 9	1232	70.65	20.5	20	SM490YA		
144	D-SPL	TCB	M 22* 70			0.523	75	S10T		
J26-J27							313 kg			

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APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL4 J27-J28										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2792	70.65	46.4	46	SM490YA		
1	D-SPL-U	PL	235* 9	3676	70.65	61.0	61	SM490YA		
1	D-SPL	PL	235* 9	410	70.65	6.81	7	SM490YA		
2	D-SPL	PL	235* 9	2282	70.65	37.9	76	SM490YA		
1	D-SPL	PL	235* 9	1293	70.65	21.5	22	SM490YA		
128	D-SPL	TCB	M 22* 70			0.523	67	S10T		
							J27-J28 279 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL4 J28-J29										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2732	70.65	45.4	45	SM490YA		
1	D-SPL-U	PL	235* 9	3717	70.65	61.7	62	SM490YA		
1	D-SPL	PL	235* 9	349	70.65	5.79	6	SM490YA		
2	D-SPL	PL	235* 9	2283	70.65	37.9	76	SM490YA		
1	D-SPL	PL	235* 9	1334	70.65	22.1	22	SM490YA		
132	D-SPL	TCB	M 22* 70			0.523	69	S10T		
							J28-J29 280 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL4 J29-J30										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2692	70.65	44.7	45	SM490YA		
1	D-SPL-U	PL	235* 9	4697	70.65	78.0	78	SM490YA		
1	D-SPL-U	PL	235* 9	349	70.65	5.79	6	SM490YA		
1	D-SPL	PL	235* 9	309	70.65	5.13	5	SM490YA		
3	D-SPL	PL	235* 9	2283	70.65	37.9	114	SM490YA		
1	D-SPL	PL	235* 9	319	70.65	5.30	5	SM490YA		
158	D-SPL	TCB	M 22* 70			0.523	83	S10T		
							J29-J30 336 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL4 J30-J31										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	3709	70.65	61.6	62	SM490YA		
1	D-SPL-U	PL	235* 9	3875	70.65	64.3	64	SM490YA		
1	D-SPL	PL	235* 9	1325	70.65	22.0	22	SM490YA		
2	D-SPL	PL	235* 9	2284	70.65	37.9	76	SM490YA		

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1	D-SPL	PL	235* 9	1492	70.65	24.8	25	SM490YA		
152	D-SPL	TCB	M 22* 70			0.523	79	S10T		
J30-J31							328 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL4 J31-J32										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2687	70.65	44.6	45	SS400		
1	D-SPL-U	PL	235* 9	4672	70.65	77.6	78	SS400		
1	D-SPL-U	PL	235* 9	338	70.65	5.61	6	SS400		
1	D-SPL	PL	235* 9	303	70.65	5.03	5	SS400		
2	D-SPL	PL	235* 9	2284	70.65	37.9	76	SS400		
1	D-SPL	PL	235* 9	2258	70.65	37.5	38	SS400		
1	D-SPL	PL	235* 9	308	70.65	5.11	5	SS400		
158	D-SPL	TCB	M 22* 70			0.523	83	S10T		
J31-J32							336 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL4 J32-GE2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	E-SPL	PL	165* 9	185	70.65	2.16	4	SS400		
4	E-SPL	TCB	M 22* 65			0.508	2	S10T		
1	D-SPL-U	PL	235* 9	3814	70.65	63.3	63	SS400		
1	D-SPL-U	PL	235* 9	2315	70.65	38.4	38	SS400		
1	D-SPL-U	PL	215* 9	925	70.65	14.1	14	SS400		
1	D-SPL	PL	235* 9	1459	70.65	24.2	24	SS400		
2	D-SPL	PL	235* 9	2255	70.65	37.4	75	SS400		
1	D-SPL	PL	215* 9	895	70.65	13.6	14	SS400		
146	D-SPL	TCB	M 22* 70			0.523	76	S10T		
J32-GE2							310 kg			
JL4							10386 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL4A J27-J28										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2788	70.65	46.3	46	SM490YA		
1	D-SPL-U	PL	235* 9	3672	70.65	61.0	61	SM490YA		
1	D-SPL	PL	235* 9	408	70.65	6.77	7	SM490YA		
2	D-SPL	PL	235* 9	2280	70.65	37.9	76	SM490YA		
1	D-SPL	PL	235* 9	1292	70.65	21.4	21	SM490YA		

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128	D-SPL	TCB	M 22* 70			0.523	67	S10T		
J27-J28						278 kg				

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL4A J28-J29										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2728	70.65	45.3	45	SM490YA		
1	D-SPL-U	PL	235* 9	3712	70.65	61.6	62	SM490YA		
1	D-SPL	PL	235* 9	348	70.65	5.78	6	SM490YA		
2	D-SPL	PL	235* 9	2280	70.65	37.9	76	SM490YA		
1	D-SPL	PL	235* 9	1332	70.65	22.1	22	SM490YA		
132	D-SPL	TCB	M 22* 70			0.523	69	S10T		
J28-J29						280 kg				

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL4A J29-J30										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2688	70.65	44.6	45	SM490YA		
1	D-SPL-U	PL	235* 9	4690	70.65	77.9	78	SM490YA		
1	D-SPL-U	PL	235* 9	347	70.65	5.76	6	SM490YA		
1	D-SPL	PL	235* 9	308	70.65	5.11	5	SM490YA		
3	D-SPL	PL	235* 9	2280	70.65	37.9	114	SM490YA		
1	D-SPL	PL	235* 9	317	70.65	5.26	5	SM490YA		
158	D-SPL	TCB	M 22* 70			0.523	83	S10T		
J29-J30						336 kg				

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL4A J30-J31										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	3703	70.65	61.5	62	SM490YA		
1	D-SPL-U	PL	235* 9	3867	70.65	64.2	64	SM490YA		
1	D-SPL	PL	235* 9	1323	70.65	22.0	22	SM490YA		
2	D-SPL	PL	235* 9	2280	70.65	37.9	76	SM490YA		
1	D-SPL	PL	235* 9	1487	70.65	24.7	25	SM490YA		
152	D-SPL	TCB	M 22* 70			0.523	79	S10T		
J30-J31						328 kg				

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL4A J31-J32										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks

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1	D-SPL-U	PL	235* 9	2683	70.65	44.5	44	SS400		
1	D-SPL-U	PL	235* 9	4665	70.65	77.4	77	SS400		
1	D-SPL-U	PL	235* 9	331	70.65	5.50	6	SS400		
1	D-SPL	PL	235* 9	303	70.65	5.03	5	SS400		
2	D-SPL	PL	235* 9	2280	70.65	37.9	76	SS400		
1	D-SPL	PL	235* 9	2255	70.65	37.4	37	SS400		
1	D-SPL	PL	235* 9	301	70.65	5.00	5	SS400		
158	D-SPL	TCB	M 22* 70			0.523	83	S10T		
J31-J32							333 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL4A J32-GE2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	E-SPL	PL	165* 9	185	70.65	2.16	4	SS400		
4	E-SPL	TCB	M 22* 65			0.508	2	S10T		
1	D-SPL-U	PL	235* 9	3819	70.65	63.4	63	SS400		
1	D-SPL-U	PL	235* 9	2015	70.65	33.5	34	SS400		
1	D-SPL-U	PL	215* 9	1225	70.65	18.6	19	SS400		
1	D-SPL	PL	235* 9	1464	70.65	24.3	24	SS400		
2	D-SPL	PL	235* 9	1955	70.65	32.5	65	SS400		
1	D-SPL	PL	215* 9	1195	70.65	18.1	18	SS400		
146	D-SPL	TCB	M 22* 70			0.523	76	S10T		
J32-GE2							305 kg			
JL4A							1860 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL5 GE1-J1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	E-SPL	PL	165* 9	185	70.65	2.16	4	SS400		
4	E-SPL	TCB	M 22* 65			0.508	2	S10T		
1	D-SPL-U	PL	215* 9	1025	70.65	15.6	16	SS400		
1	D-SPL-U	PL	235* 9	4336	70.65	72.0	72	SS400		
1	D-SPL-U	PL	235* 9	2654	70.65	44.1	44	SS400		
1	D-SPL	PL	215* 9	995	70.65	15.1	15	SS400		
1	D-SPL	PL	235* 9	1953	70.65	32.4	32	SS400		
2	D-SPL	PL	235* 9	2253	70.65	37.4	75	SS400		
1	D-SPL	PL	235* 9	301	70.65	5.00	5	SS400		
168	D-SPL	TCB	M 22* 70			0.523	88	S10T		
GE1-J1							353 kg			

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APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL5 J1-J2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	3866	70.65	64.2	64	SS400		
1	D-SPL-U	PL	235* 9	3903	70.65	64.8	65	SS400		
1	D-SPL	PL	235* 9	1463	70.65	24.3	24	SS400		
2	D-SPL	PL	235* 9	2303	70.65	38.2	76	SS400		
1	D-SPL	PL	235* 9	1500	70.65	24.9	25	SS400		
152	D-SPL	TCB	M 22* 70			0.523	79	S10T		
J1-J2							333 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL5 J2-J3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2717	70.65	45.1	45	SS400		
1	D-SPL-U	PL	235* 9	4737	70.65	78.6	79	SS400		
1	D-SPL-U	PL	235* 9	343	70.65	5.69	6	SS400		
2	D-SPL	PL	235* 9	313	70.65	5.20	10	SS400		
3	D-SPL	PL	235* 9	2303	70.65	38.2	115	SS400		
152	D-SPL	TCB	M 22* 70			0.523	79	S10T		
J2-J3							334 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL5 J3-J4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	3903	70.65	64.8	65	SS400		
1	D-SPL-U	PL	235* 9	3853	70.65	64.0	64	SS400		
1	D-SPL	PL	235* 9	1500	70.65	24.9	25	SS400		
2	D-SPL	PL	235* 9	2303	70.65	38.2	76	SS400		
1	D-SPL	PL	235* 9	1450	70.65	24.1	24	SS400		
152	D-SPL	TCB	M 22* 70			0.523	79	S10T		
J3-J4							333 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL5 J4-J5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2767	70.65	45.9	46	SS400		
1	D-SPL-U	PL	235* 9	4737	70.65	78.6	79	SS400		
1	D-SPL-U	PL	235* 9	343	70.65	5.69	6	SS400		
1	D-SPL	PL	235* 9	363	70.65	6.03	6	SS400		
3	D-SPL	PL	235* 9	2303	70.65	38.2	115	SS400		

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1	D-SPL	PL	235* 9	313	70.65	5.20	5	SS400		
158	D-SPL	TCB	M 22* 70			0.523	83	S10T		
J4-J5							340 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL5 J5-J6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	D-SPL-U	PL	235* 9	3903	70.65	64.8	130	SS400		
2	D-SPL	PL	235* 9	1500	70.65	24.9	50	SS400		
2	D-SPL	PL	235* 9	2303	70.65	38.2	76	SS400		
152	D-SPL	TCB	M 22* 70			0.523	79	S10T		
J5-J6							335 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL5 J6-J7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2717	70.65	45.1	45	SS400		
1	D-SPL-U	PL	235* 9	4737	70.65	78.6	79	SS400		
1	D-SPL-U	PL	235* 9	343	70.65	5.69	6	SS400		
2	D-SPL	PL	235* 9	313	70.65	5.20	10	SS400		
3	D-SPL	PL	235* 9	2303	70.65	38.2	115	SS400		
158	D-SPL	TCB	M 22* 70			0.523	83	S10T		
J6-J7							338 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL5 J7-J8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	D-SPL-U	PL	235* 9	3903	70.65	64.8	130	SS400		
2	D-SPL	PL	235* 9	1500	70.65	24.9	50	SS400		
2	D-SPL	PL	235* 9	2303	70.65	38.2	76	SS400		
152	D-SPL	TCB	M 22* 70			0.523	79	S10T		
J7-J8							335 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL5 J8-J9										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2667	70.65	44.3	44	SS400		
1	D-SPL-U	PL	235* 9	3816	70.65	63.4	63	SS400		
1	D-SPL	PL	235* 9	313	70.65	5.20	5	SS400		
2	D-SPL	PL	235* 9	2253	70.65	37.4	75	SS400		

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1	D-SPL	PL	235* 9	1463	70.65	24.3	24	SS400		
132	D-SPL	TCB	M 22* 70			0.523	69	S10T		
J8-J9							280 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL5 J9-J10										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2654	70.65	44.1	44	SM490YA		
1	D-SPL-U	PL	235* 9	2701	70.65	44.8	45	SM490YA		
1	D-SPL	PL	235* 9	301	70.65	5.00	5	SM490YA		
1	D-SPL	PL	235* 9	2253	70.65	37.4	37	SM490YA		
1	D-SPL	PL	235* 9	2291	70.65	38.0	38	SM490YA		
1	D-SPL	PL	235* 9	310	70.65	5.15	5	SM490YA		
112	D-SPL	TCB	M 22* 70			0.523	59	S10T		
J9-J10							233 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL5 J10-J11										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	3881	70.65	64.4	64	SS400		
1	D-SPL-U	PL	235* 9	2710	70.65	45.0	45	SS400		
1	D-SPL	PL	235* 9	1491	70.65	24.8	25	SS400		
2	D-SPL	PL	235* 9	2291	70.65	38.0	76	SS400		
1	D-SPL	PL	235* 9	320	70.65	5.31	5	SS400		
132	D-SPL	TCB	M 22* 70			0.523	69	S10T		
J10-J11							284 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL5 J11-J12										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	D-SPL-U	PL	235* 9	3947	70.65	65.5	131	SS400		
2	D-SPL	PL	235* 9	1519	70.65	25.2	50	SS400		
2	D-SPL	PL	235* 9	2328	70.65	38.7	77	SS400		
168	D-SPL	TCB	M 22* 70			0.523	88	S10T		
J11-J12							346 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL5 J12-J13										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2748	70.65	45.6	46	SS400		

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1	D-SPL-U	PL	235* 9	4786	70.65	79.5	80	SS400		
1	D-SPL-U	PL	235* 9	350	70.65	5.81	6	SS400		
2	D-SPL	PL	235* 9	320	70.65	5.31	11	SS400		
3	D-SPL	PL	235* 9	2328	70.65	38.7	116	SS400		
170	D-SPL	TCB	M 22* 70			0.523	89	S10T		
J12-J13							348 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL5 J13-J14										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	3947	70.65	65.5	66	SS400		
1	D-SPL-U	PL	235* 9	2748	70.65	45.6	46	SS400		
1	D-SPL	PL	235* 9	1519	70.65	25.2	25	SS400		
2	D-SPL	PL	235* 9	2328	70.65	38.7	77	SS400		
1	D-SPL	PL	235* 9	320	70.65	5.31	5	SS400		
144	D-SPL	TCB	M 22* 70			0.523	75	S10T		
J13-J14							294 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL5 J14-J15										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	D-SPL-U	PL	235* 9	3947	70.65	65.5	131	SS400		
2	D-SPL	PL	235* 9	1519	70.65	25.2	50	SS400		
2	D-SPL	PL	235* 9	2328	70.65	38.7	77	SS400		
168	D-SPL	TCB	M 22* 70			0.523	88	S10T		
J14-J15							346 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL5 J15-J16										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2748	70.65	45.6	46	SS400		
1	D-SPL-U	PL	235* 9	3947	70.65	65.5	66	SS400		
1	D-SPL	PL	235* 9	320	70.65	5.31	5	SS400		
2	D-SPL	PL	235* 9	2328	70.65	38.7	77	SS400		
1	D-SPL	PL	235* 9	1519	70.65	25.2	25	SS400		
144	D-SPL	TCB	M 22* 70			0.523	75	S10T		
J15-J16							294 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL5 J16-J17										

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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2748	70.65	45.6	46	SS400		
1	D-SPL-U	PL	235* 9	4786	70.65	79.5	80	SS400		
1	D-SPL-U	PL	235* 9	350	70.65	5.81	6	SS400		
2	D-SPL	PL	235* 9	320	70.65	5.31	11	SS400		
3	D-SPL	PL	235* 9	2328	70.65	38.7	116	SS400		
170	D-SPL	TCB	M 22* 70			0.523	89	S10T		
J16-J17							348 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL5 J17-J18										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	3947	70.65	65.5	66	SM490YA		
1	D-SPL-U	PL	235* 9	3872	70.65	64.3	64	SM490YA		
1	D-SPL	PL	235* 9	1519	70.65	25.2	25	SM490YA		
2	D-SPL	PL	235* 9	2328	70.65	38.7	77	SM490YA		
1	D-SPL	PL	235* 9	1444	70.65	24.0	24	SM490YA		
164	D-SPL	TCB	M 22* 70			0.523	86	S10T		
J17-J18							342 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL5 J18-J19										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2635	70.65	43.7	44	SM490YA		
1	D-SPL-U	PL	235* 9	3557	70.65	59.1	59	SM490YA		
1	D-SPL	PL	235* 9	245	70.65	4.07	4	SM490YA		
2	D-SPL	PL	235* 9	2291	70.65	38.0	76	SM490YA		
1	D-SPL	PL	235* 9	1166	70.65	19.4	19	SM490YA		
124	D-SPL	TCB	M 22* 70			0.523	65	S10T		
J18-J19							267 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL5 J19-J20										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2875	70.65	47.7	48	SM490YA		
1	D-SPL-U	PL	235* 9	2664	70.65	44.2	44	SM490YA		
1	D-SPL	PL	235* 9	485	70.65	8.05	8	SM490YA		
1	D-SPL	PL	235* 9	2291	70.65	38.0	38	SM490YA		
1	D-SPL	PL	235* 9	2153	70.65	35.7	36	SM490YA		
1	D-SPL	PL	235* 9	410	70.65	6.81	7	SM490YA		
112	D-SPL	TCB	M 22* 70			0.523	59	S10T		

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J19-J20	240 kg
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APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL5 J20-J21										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	3356	70.65	55.7	56	SM490YA		
1	D-SPL-U	PL	235* 9	2561	70.65	42.5	42	SM490YA		
1	D-SPL	PL	235* 9	1103	70.65	18.3	18	SM490YA		
2	D-SPL	PL	235* 9	2153	70.65	35.7	71	SM490YA		
1	D-SPL	PL	235* 9	307	70.65	5.10	5	SM490YA		
128	D-SPL	TCB	M 22* 70			0.523	67	S10T		
J20-J21										
259 kg										

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL5 J21-J22										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	3860	70.65	64.1	64	SS400		
1	D-SPL-U	PL	235* 9	2685	70.65	44.6	45	SS400		
1	D-SPL	PL	235* 9	1481	70.65	24.6	25	SS400		
2	D-SPL	PL	235* 9	2278	70.65	37.8	76	SS400		
1	D-SPL	PL	235* 9	307	70.65	5.10	5	SS400		
132	D-SPL	TCB	M 22* 70			0.523	69	S10T		
J21-J22										
284 kg										

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL5 J22-J23										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	D-SPL-U	PL	235* 9	3860	70.65	64.1	128	SS400		
2	D-SPL	PL	235* 9	1481	70.65	24.6	49	SS400		
2	D-SPL	PL	235* 9	2278	70.65	37.8	76	SS400		
152	D-SPL	TCB	M 22* 70			0.523	79	S10T		
J22-J23										
332 kg										

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL5 J23-J24										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2685	70.65	44.6	45	SS400		
1	D-SPL-U	PL	235* 9	4687	70.65	77.8	78	SS400		
1	D-SPL-U	PL	235* 9	337	70.65	5.60	6	SS400		
2	D-SPL	PL	235* 9	307	70.65	5.10	10	SS400		

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3	D-SPL	PL	235* 9	2278	70.65	37.8	113	SS400		
158	D-SPL	TCB	M 22* 70			0.523	83	S10T		
J23-J24							335 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL5 J24-J25										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	3860	70.65	64.1	64	SM490YA		
1	D-SPL-U	PL	235* 9	3705	70.65	61.5	62	SM490YA		
1	D-SPL	PL	235* 9	1481	70.65	24.6	25	SM490YA		
2	D-SPL	PL	235* 9	2278	70.65	37.8	76	SM490YA		
1	D-SPL	PL	235* 9	1326	70.65	22.0	22	SM490YA		
152	D-SPL	TCB	M 22* 70			0.523	79	S10T		
J24-J25							328 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL5 J25-J26										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2690	70.65	44.7	45	SM490YA		
1	D-SPL-U	PL	235* 9	4687	70.65	77.8	78	SM490YA		
1	D-SPL-U	PL	235* 9	399	70.65	6.62	7	SM490YA		
1	D-SPL	PL	235* 9	312	70.65	5.18	5	SM490YA		
2	D-SPL	PL	235* 9	2278	70.65	37.8	76	SM490YA		
1	D-SPL	PL	235* 9	2279	70.65	37.8	38	SM490YA		
1	D-SPL	PL	235* 9	369	70.65	6.13	6	SM490YA		
158	D-SPL	TCB	M 22* 70			0.523	83	S10T		
J25-J26							338 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL5 J26-J27										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	3650	70.65	60.6	61	SM490YA		
1	D-SPL-U	PL	235* 9	3612	70.65	60.0	60	SM490YA		
1	D-SPL	PL	235* 9	1270	70.65	21.1	21	SM490YA		
2	D-SPL	PL	235* 9	2279	70.65	37.8	76	SM490YA		
1	D-SPL	PL	235* 9	1233	70.65	20.5	20	SM490YA		
144	D-SPL	TCB	M 22* 70			0.523	75	S10T		
J26-J27							313 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL5 J27-J28										
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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2786	70.65	46.3	46	SM490YA		
1	D-SPL-U	PL	235* 9	3671	70.65	60.9	61	SM490YA		
1	D-SPL	PL	235* 9	407	70.65	6.76	7	SM490YA		
2	D-SPL	PL	235* 9	2279	70.65	37.8	76	SM490YA		
1	D-SPL	PL	235* 9	1292	70.65	21.4	21	SM490YA		
128	D-SPL	TCB	M 22* 70			0.523	67	S10T		
J27-J28							278 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL5 J28-J29										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2726	70.65	45.3	45	SM490YA		
1	D-SPL-U	PL	235* 9	3709	70.65	61.6	62	SM490YA		
1	D-SPL	PL	235* 9	347	70.65	5.76	6	SM490YA		
1	D-SPL	PL	235* 9	2279	70.65	37.8	38	SM490YA		
1	D-SPL	PL	235* 9	2278	70.65	37.8	38	SM490YA		
1	D-SPL	PL	235* 9	1331	70.65	22.1	22	SM490YA		
132	D-SPL	TCB	M 22* 70			0.523	69	S10T		
J28-J29							280 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL5 J29-J30										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2686	70.65	44.6	45	SM490YA		
1	D-SPL-U	PL	235* 9	4686	70.65	77.8	78	SM490YA		
1	D-SPL-U	PL	235* 9	346	70.65	5.74	6	SM490YA		
1	D-SPL	PL	235* 9	308	70.65	5.11	5	SM490YA		
3	D-SPL	PL	235* 9	2278	70.65	37.8	113	SM490YA		
1	D-SPL	PL	235* 9	316	70.65	5.25	5	SM490YA		
158	D-SPL	TCB	M 22* 70			0.523	83	S10T		
J29-J30							335 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL5 J30-J31										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	3700	70.65	61.4	61	SM490YA		
1	D-SPL-U	PL	235* 9	3861	70.65	64.1	64	SM490YA		
1	D-SPL	PL	235* 9	1322	70.65	22.0	22	SM490YA		
2	D-SPL	PL	235* 9	2278	70.65	37.8	76	SM490YA		

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1	D-SPL	PL	235* 9	1484	70.65	24.6	25	SM490YA		
152	D-SPL	TCB	M 22* 70			0.523	79	S10T		
J30-J31							327 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL5 J31-J32										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2681	70.65	44.5	44	SS400		
1	D-SPL-U	PL	235* 9	4659	70.65	77.4	77	SS400		
1	D-SPL-U	PL	235* 9	324	70.65	5.38	5	SS400		
1	D-SPL	PL	235* 9	304	70.65	5.05	5	SS400		
2	D-SPL	PL	235* 9	2277	70.65	37.8	76	SS400		
1	D-SPL	PL	235* 9	2252	70.65	37.4	37	SS400		
1	D-SPL	PL	235* 9	294	70.65	4.88	5	SS400		
158	D-SPL	TCB	M 22* 70			0.523	83	S10T		
J31-J32							332 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL5 J32-GE2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	E-SPL	PL	165* 9	185	70.65	2.16	4	SS400		
4	E-SPL	TCB	M 22* 65			0.508	2	S10T		
1	D-SPL-U	PL	235* 9	3824	70.65	63.5	64	SS400		
1	D-SPL-U	PL	235* 9	2315	70.65	38.4	38	SS400		
1	D-SPL-U	PL	215* 9	925	70.65	14.1	14	SS400		
1	D-SPL	PL	235* 9	1469	70.65	24.4	24	SS400		
2	D-SPL	PL	235* 9	2255	70.65	37.4	75	SS400		
1	D-SPL	PL	215* 9	895	70.65	13.6	14	SS400		
146	D-SPL	TCB	M 22* 70			0.523	76	S10T		
J32-GE2							311 kg			
JL5							10375 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6 GE1-J1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	E-SPL	PL	165* 9	185	70.65	2.16	4	SS400		
4	E-SPL	TCB	M 22* 65			0.508	2	S10T		
1	D-SPL-U	PL	215* 9	1025	70.65	15.6	16	SS400		
1	D-SPL-U	PL	235* 9	4327	70.65	71.9	72	SS400		
1	D-SPL-U	PL	235* 9	2650	70.65	44.0	44	SS400		

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1	D-SPL	PL	215* 9	995	70.65	15.1	15	SS400		
1	D-SPL	PL	235* 9	1948	70.65	32.3	32	SS400		
2	D-SPL	PL	235* 9	2250	70.65	37.4	75	SS400		
1	D-SPL	PL	235* 9	300	70.65	4.98	5	SS400		
168	D-SPL	TCB	M 22* 70			0.523	88	S10T		
GE1-J1										
								353 kg		

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6 J1-J2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	3859	70.65	64.1	64	SS400		
1	D-SPL-U	PL	235* 9	3897	70.65	64.7	65	SS400		
1	D-SPL	PL	235* 9	1460	70.65	24.2	24	SS400		
2	D-SPL	PL	235* 9	2300	70.65	38.2	76	SS400		
1	D-SPL	PL	235* 9	1497	70.65	24.9	25	SS400		
152	D-SPL	TCB	M 22* 70			0.523	79	S10T		
J1-J2										
								333 kg		

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6 J2-J3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2712	70.65	45.0	45	SS400		
1	D-SPL-U	PL	235* 9	4729	70.65	78.5	78	SS400		
1	D-SPL-U	PL	235* 9	342	70.65	5.68	6	SS400		
2	D-SPL	PL	235* 9	312	70.65	5.18	10	SS400		
3	D-SPL	PL	235* 9	2300	70.65	38.2	115	SS400		
152	D-SPL	TCB	M 22* 70			0.523	79	S10T		
J2-J3										
								333 kg		

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6 J3-J4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	3897	70.65	64.7	65	SS400		
1	D-SPL-U	PL	235* 9	3847	70.65	63.9	64	SS400		
1	D-SPL	PL	235* 9	1497	70.65	24.9	25	SS400		
2	D-SPL	PL	235* 9	2300	70.65	38.2	76	SS400		
1	D-SPL	PL	235* 9	1447	70.65	24.0	24	SS400		
152	D-SPL	TCB	M 22* 70			0.523	79	S10T		
J3-J4										
								333 kg		

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APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6 J4-J5											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	D-SPL-U	PL	235* 9	2762	70.65	45.9	46	SS400			
1	D-SPL-U	PL	235* 9	4729	70.65	78.5	78	SS400			
1	D-SPL-U	PL	235* 9	342	70.65	5.68	6	SS400			
1	D-SPL	PL	235* 9	362	70.65	6.01	6	SS400			
3	D-SPL	PL	235* 9	2300	70.65	38.2	115	SS400			
1	D-SPL	PL	235* 9	312	70.65	5.18	5	SS400			
158	D-SPL	TCB	M 22* 70			0.523	83	S10T			
							J4-J5				339 kg

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6 J5-J6											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	D-SPL-U	PL	235* 9	3897	70.65	64.7	129	SS400			
2	D-SPL	PL	235* 9	1497	70.65	24.9	50	SS400			
2	D-SPL	PL	235* 9	2300	70.65	38.2	76	SS400			
152	D-SPL	TCB	M 22* 70			0.523	79	S10T			
							J5-J6				334 kg

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6 J6-J7											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	D-SPL-U	PL	235* 9	2712	70.65	45.0	45	SS400			
1	D-SPL-U	PL	235* 9	4729	70.65	78.5	78	SS400			
1	D-SPL-U	PL	235* 9	342	70.65	5.68	6	SS400			
2	D-SPL	PL	235* 9	312	70.65	5.18	10	SS400			
3	D-SPL	PL	235* 9	2300	70.65	38.2	115	SS400			
152	D-SPL	TCB	M 22* 70			0.523	79	S10T			
							J6-J7				333 kg

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6 J7-J8											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	D-SPL-U	PL	235* 9	3897	70.65	64.7	129	SS400			
2	D-SPL	PL	235* 9	1497	70.65	24.9	50	SS400			
2	D-SPL	PL	235* 9	2300	70.65	38.2	76	SS400			
152	D-SPL	TCB	M 22* 70			0.523	79	S10T			
							J7-J8				334 kg

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APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6 J8-J9											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	D-SPL-U	PL	235* 9	2662	70.65	44.2	44	SS400			
1	D-SPL-U	PL	235* 9	3810	70.65	63.3	63	SS400			
1	D-SPL	PL	235* 9	312	70.65	5.18	5	SS400			
2	D-SPL	PL	235* 9	2250	70.65	37.4	75	SS400			
1	D-SPL	PL	235* 9	1460	70.65	24.2	24	SS400			
132	D-SPL	TCB	M 22* 70			0.523	69	S10T			
							J8-J9				280 kg

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6 J9-J10											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	D-SPL-U	PL	235* 9	2650	70.65	44.0	44	SM490YA			
1	D-SPL-U	PL	235* 9	2696	70.65	44.8	45	SM490YA			
1	D-SPL	PL	235* 9	300	70.65	4.98	5	SM490YA			
1	D-SPL	PL	235* 9	2250	70.65	37.4	37	SM490YA			
1	D-SPL	PL	235* 9	2287	70.65	38.0	38	SM490YA			
1	D-SPL	PL	235* 9	309	70.65	5.13	5	SM490YA			
112	D-SPL	TCB	M 22* 70			0.523	59	S10T			
							J9-J10				233 kg

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6 J10-J11											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	D-SPL-U	PL	235* 9	3875	70.65	64.3	64	SS400			
1	D-SPL-U	PL	235* 9	2706	70.65	44.9	45	SS400			
1	D-SPL	PL	235* 9	1488	70.65	24.7	25	SS400			
2	D-SPL	PL	235* 9	2287	70.65	38.0	76	SS400			
1	D-SPL	PL	235* 9	319	70.65	5.30	5	SS400			
132	D-SPL	TCB	M 22* 70			0.523	69	S10T			
							J10-J11				284 kg

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6 J11-J12										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	D-SPL-U	PL	235* 9	3941	70.65	65.4	131	SS400		
2	D-SPL	PL	235* 9	1516	70.65	25.2	50	SS400		
2	D-SPL	PL	235* 9	2325	70.65	38.6	77	SS400		

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168	D-SPL	TCB	M 22* 70			0.523	88	S10T		
J11-J12						346 kg				

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6 J12-J13										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2743	70.65	45.5	46	SS400		
1	D-SPL-U	PL	235* 9	4779	70.65	79.3	79	SS400		
1	D-SPL-U	PL	235* 9	349	70.65	5.79	6	SS400		
2	D-SPL	PL	235* 9	319	70.65	5.30	11	SS400		
3	D-SPL	PL	235* 9	2325	70.65	38.6	116	SS400		
170	D-SPL	TCB	M 22* 70			0.523	89	S10T		
J12-J13						347 kg				

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6 J13-J14										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	3941	70.65	65.4	65	SS400		
1	D-SPL-U	PL	235* 9	2743	70.65	45.5	46	SS400		
1	D-SPL	PL	235* 9	1516	70.65	25.2	25	SS400		
2	D-SPL	PL	235* 9	2325	70.65	38.6	77	SS400		
1	D-SPL	PL	235* 9	319	70.65	5.30	5	SS400		
144	D-SPL	TCB	M 22* 70			0.523	75	S10T		
J13-J14						293 kg				

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6 J14-J15										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	D-SPL-U	PL	235* 9	3941	70.65	65.4	131	SS400		
2	D-SPL	PL	235* 9	1516	70.65	25.2	50	SS400		
2	D-SPL	PL	235* 9	2325	70.65	38.6	77	SS400		
168	D-SPL	TCB	M 22* 70			0.523	88	S10T		
J14-J15						346 kg				

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6 J15-J16										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2743	70.65	45.5	46	SS400		
1	D-SPL-U	PL	235* 9	3941	70.65	65.4	65	SS400		
1	D-SPL	PL	235* 9	319	70.65	5.30	5	SS400		

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2	D-SPL	PL	235* 9	2325	70.65	38.6	77	SS400		
1	D-SPL	PL	235* 9	1516	70.65	25.2	25	SS400		
144	D-SPL	TCB	M 22* 70			0.523	75	S10T		
J15-J16							293 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6 J16-J17										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2743	70.65	45.5	46	SS400		
1	D-SPL-U	PL	235* 9	4779	70.65	79.3	79	SS400		
1	D-SPL-U	PL	235* 9	349	70.65	5.79	6	SS400		
2	D-SPL	PL	235* 9	319	70.65	5.30	11	SS400		
3	D-SPL	PL	235* 9	2325	70.65	38.6	116	SS400		
170	D-SPL	TCB	M 22* 70			0.523	89	S10T		
J16-J17							347 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6 J17-J18										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	3941	70.65	65.4	65	SM490YA		
1	D-SPL-U	PL	235* 9	3866	70.65	64.2	64	SM490YA		
1	D-SPL	PL	235* 9	1516	70.65	25.2	25	SM490YA		
2	D-SPL	PL	235* 9	2325	70.65	38.6	77	SM490YA		
1	D-SPL	PL	235* 9	1441	70.65	23.9	24	SM490YA		
164	D-SPL	TCB	M 22* 70			0.523	86	S10T		
J17-J18							341 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6 J18-J19										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2631	70.65	43.7	44	SM490YA		
1	D-SPL-U	PL	235* 9	3551	70.65	59.0	59	SM490YA		
1	D-SPL	PL	235* 9	244	70.65	4.05	4	SM490YA		
2	D-SPL	PL	235* 9	2287	70.65	38.0	76	SM490YA		
1	D-SPL	PL	235* 9	1164	70.65	19.3	19	SM490YA		
124	D-SPL	TCB	M 22* 70			0.523	65	S10T		
J18-J19							267 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6 J19-J20										

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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2870	70.65	47.6	48	SM490YA		
1	D-SPL-U	PL	235* 9	2659	70.65	44.1	44	SM490YA		
1	D-SPL	PL	235* 9	483	70.65	8.02	8	SM490YA		
1	D-SPL	PL	235* 9	2287	70.65	38.0	38	SM490YA		
1	D-SPL	PL	235* 9	2150	70.65	35.7	36	SM490YA		
1	D-SPL	PL	235* 9	409	70.65	6.79	7	SM490YA		
112	D-SPL	TCB	M 22* 70			0.523	59	S10T		
J19-J20							240 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6 J20-J21										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	3351	70.65	55.6	56	SM490YA		
1	D-SPL-U	PL	235* 9	2556	70.65	42.4	42	SM490YA		
1	D-SPL	PL	235* 9	1101	70.65	18.3	18	SM490YA		
2	D-SPL	PL	235* 9	2150	70.65	35.7	71	SM490YA		
1	D-SPL	PL	235* 9	306	70.65	5.08	5	SM490YA		
128	D-SPL	TCB	M 22* 70			0.523	67	S10T		
J20-J21							259 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6 J21-J22										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	3853	70.65	64.0	64	SS400		
1	D-SPL-U	PL	235* 9	2681	70.65	44.5	44	SS400		
1	D-SPL	PL	235* 9	1479	70.65	24.6	25	SS400		
2	D-SPL	PL	235* 9	2275	70.65	37.8	76	SS400		
1	D-SPL	PL	235* 9	306	70.65	5.08	5	SS400		
132	D-SPL	TCB	M 22* 70			0.523	69	S10T		
J21-J22							283 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6 J22-J23										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	D-SPL-U	PL	235* 9	3853	70.65	64.0	128	SS400		
2	D-SPL	PL	235* 9	1479	70.65	24.6	49	SS400		
2	D-SPL	PL	235* 9	2275	70.65	37.8	76	SS400		
152	D-SPL	TCB	M 22* 70			0.523	79	S10T		
J22-J23							332 kg			

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APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6 J23-J24										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2681	70.65	44.5	44	SS400		
1	D-SPL-U	PL	235* 9	4679	70.65	77.7	78	SS400		
1	D-SPL-U	PL	235* 9	336	70.65	5.58	6	SS400		
2	D-SPL	PL	235* 9	306	70.65	5.08	10	SS400		
3	D-SPL	PL	235* 9	2275	70.65	37.8	113	SS400		
158	D-SPL	TCB	M 22* 70			0.523	83	S10T		
							J23-J24 334 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6 J24-J25										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	3853	70.65	64.0	64	SM490YA		
1	D-SPL-U	PL	235* 9	3699	70.65	61.4	61	SM490YA		
1	D-SPL	PL	235* 9	1479	70.65	24.6	25	SM490YA		
2	D-SPL	PL	235* 9	2275	70.65	37.8	76	SM490YA		
1	D-SPL	PL	235* 9	1324	70.65	22.0	22	SM490YA		
152	D-SPL	TCB	M 22* 70			0.523	79	S10T		
							J24-J25 327 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6 J25-J26										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2686	70.65	44.6	45	SM490YA		
1	D-SPL-U	PL	235* 9	4621	70.65	76.7	77	SM490YA		
1	D-SPL-U	PL	235* 9	388	70.65	6.44	6	SM490YA		
1	D-SPL	PL	235* 9	311	70.65	5.16	5	SM490YA		
1	D-SPL	PL	235* 9	2275	70.65	37.8	38	SM490YA		
1	D-SPL	PL	235* 9	2235	70.65	37.1	37	SM490YA		
1	D-SPL	PL	235* 9	2256	70.65	37.5	38	SM490YA		
1	D-SPL	PL	235* 9	358	70.65	5.94	6	SM490YA		
158	D-SPL	TCB	M 22* 70			0.523	83	S10T		
							J25-J26 335 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6 J26-J27										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	3615	70.65	60.0	60	SM490YA		

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1	D-SPL-U	PL	235* 9	3604	70.65	59.8	60	SM490YA		
1	D-SPL	PL	235* 9	1259	70.65	20.9	21	SM490YA		
1	D-SPL	PL	235* 9	2256	70.65	37.5	38	SM490YA		
1	D-SPL	PL	235* 9	2278	70.65	37.8	38	SM490YA		
1	D-SPL	PL	235* 9	1227	70.65	20.4	20	SM490YA		
144	D-SPL	TCB	M 22* 70			0.523	75	S10T		
J26-J27							312 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6 J27-J28										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2791	70.65	46.3	46	SM490YA		
1	D-SPL-U	PL	235* 9	3665	70.65	60.9	61	SM490YA		
1	D-SPL	PL	235* 9	412	70.65	6.84	7	SM490YA		
2	D-SPL	PL	235* 9	2279	70.65	37.8	76	SM490YA		
1	D-SPL	PL	235* 9	1286	70.65	21.4	21	SM490YA		
128	D-SPL	TCB	M 22* 70			0.523	67	S10T		
J27-J28							278 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6 J28-J29										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2730	70.65	45.3	45	SM490YA		
1	D-SPL-U	PL	235* 9	3704	70.65	61.5	62	SM490YA		
1	D-SPL	PL	235* 9	352	70.65	5.84	6	SM490YA		
2	D-SPL	PL	235* 9	2278	70.65	37.8	76	SM490YA		
1	D-SPL	PL	235* 9	1326	70.65	22.0	22	SM490YA		
158	D-SPL	TCB	M 22* 70			0.523	83	S10T		
J28-J29							294 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6 J29-J30										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2690	70.65	44.7	45	SM490YA		
1	D-SPL-U	PL	235* 9	4685	70.65	77.8	78	SM490YA		
1	D-SPL-U	PL	235* 9	342	70.65	5.68	6	SM490YA		
2	D-SPL	PL	235* 9	312	70.65	5.18	10	SM490YA		
3	D-SPL	PL	235* 9	2278	70.65	37.8	113	SM490YA		
158	D-SPL	TCB	M 22* 70			0.523	83	S10T		
J29-J30							335 kg			

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APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6 J30-J31										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	3703	70.65	61.5	62	SM490YA		
1	D-SPL-U	PL	235* 9	3858	70.65	64.1	64	SM490YA		
1	D-SPL	PL	235* 9	1326	70.65	22.0	22	SM490YA		
2	D-SPL	PL	235* 9	2277	70.65	37.8	76	SM490YA		
1	D-SPL	PL	235* 9	1480	70.65	24.6	25	SM490YA		
152	D-SPL	TCB	M 22* 70			0.523	79	S10T		
							J30-J31 328 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6 J31-J32										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2695	70.65	44.7	45	SS400		
1	D-SPL-U	PL	235* 9	4703	70.65	78.1	78	SS400		
1	D-SPL-U	PL	235* 9	331	70.65	5.50	6	SS400		
1	D-SPL	PL	235* 9	307	70.65	5.10	5	SS400		
1	D-SPL	PL	235* 9	2288	70.65	38.0	38	SS400		
1	D-SPL	PL	235* 9	2299	70.65	38.2	38	SS400		
1	D-SPL	PL	235* 9	2274	70.65	37.8	38	SS400		
1	D-SPL	PL	235* 9	301	70.65	5.00	5	SS400		
158	D-SPL	TCB	M 22* 70			0.523	83	S10T		
							J31-J32 336 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6 J32-GE2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	E-SPL	PL	165* 9	185	70.65	2.16	4	SS400		
4	E-SPL	TCB	M 22* 65			0.508	2	S10T		
1	D-SPL-U	PL	235* 9	3796	70.65	63.0	63	SS400		
1	D-SPL-U	PL	235* 9	2015	70.65	33.5	34	SS400		
1	D-SPL-U	PL	215* 9	1225	70.65	18.6	19	SS400		
1	D-SPL	PL	235* 9	1441	70.65	23.9	24	SS400		
2	D-SPL	PL	235* 9	1955	70.65	32.5	65	SS400		
1	D-SPL	PL	215* 9	1195	70.65	18.1	18	SS400		
146	D-SPL	TCB	M 22* 70			0.523	76	S10T		
							J32-GE2 305 kg			
							JL6 10367 kg			

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APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6A GE1-J1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	E-SPL	PL	165* 9	185	70.65	2.16	4	SS400		
4	E-SPL	TCB	M 22* 65			0.508	2	S10T		
1	D-SPL-U	PL	215* 9	1025	70.65	15.6	16	SM490YA		
1	D-SPL-U	PL	235* 9	4322	70.65	71.8	72	SM490YA		
1	D-SPL-U	PL	235* 9	2645	70.65	43.9	44	SM490YA		
1	D-SPL	PL	215* 9	995	70.65	15.1	15	SM490YA		
1	D-SPL	PL	235* 9	1945	70.65	32.3	32	SM490YA		
2	D-SPL	PL	235* 9	2248	70.65	37.3	75	SM490YA		
1	D-SPL	PL	235* 9	297	70.65	4.93	5	SM490YA		
168	D-SPL	TCB	M 22* 70			0.523	88	S10T		
							GE1-J1			
							353 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6A J1-J2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	3858	70.65	64.1	64	SS400		
1	D-SPL-U	PL	235* 9	3891	70.65	64.6	65	SS400		
1	D-SPL	PL	235* 9	1461	70.65	24.3	24	SS400		
1	D-SPL	PL	235* 9	2297	70.65	38.1	38	SS400		
1	D-SPL	PL	235* 9	2298	70.65	38.2	38	SS400		
1	D-SPL	PL	235* 9	1493	70.65	24.8	25	SS400		
152	D-SPL	TCB	M 22* 70			0.523	79	S10T		
							J1-J2			
							333 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6A J2-J3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2712	70.65	45.0	45	SS400		
1	D-SPL-U	PL	235* 9	4725	70.65	78.4	78	SS400		
1	D-SPL-U	PL	235* 9	340	70.65	5.64	6	SS400		
1	D-SPL	PL	235* 9	314	70.65	5.21	5	SS400		
3	D-SPL	PL	235* 9	2297	70.65	38.1	114	SS400		
1	D-SPL	PL	235* 9	310	70.65	5.15	5	SS400		
158	D-SPL	TCB	M 22* 70			0.523	83	S10T		
							J2-J3			
							336 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6A J3-J4										
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APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6A J3-J4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	3895	70.65	64.7	65	SS400		
1	D-SPL-U	PL	235* 9	3841	70.65	63.8	64	SS400		
1	D-SPL	PL	235* 9	1498	70.65	24.9	25	SS400		
2	D-SPL	PL	235* 9	2297	70.65	38.1	76	SS400		
1	D-SPL	PL	235* 9	1443	70.65	24.0	24	SS400		
152	D-SPL	TCB	M 22* 70			0.523	79	S10T		
							333 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6A J4-J5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2761	70.65	45.8	46	SS400		
1	D-SPL-U	PL	235* 9	4725	70.65	78.4	78	SS400		
1	D-SPL-U	PL	235* 9	340	70.65	5.64	6	SS400		
1	D-SPL	PL	235* 9	364	70.65	6.04	6	SS400		
3	D-SPL	PL	235* 9	2297	70.65	38.1	114	SS400		
1	D-SPL	PL	235* 9	310	70.65	5.15	5	SS400		
158	D-SPL	TCB	M 22* 70			0.523	83	S10T		
							338 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6A J5-J6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	3895	70.65	64.7	65	SS400		
1	D-SPL-U	PL	235* 9	3891	70.65	64.6	65	SS400		
1	D-SPL	PL	235* 9	1498	70.65	24.9	25	SS400		
2	D-SPL	PL	235* 9	2297	70.65	38.1	76	SS400		
1	D-SPL	PL	235* 9	1494	70.65	24.8	25	SS400		
152	D-SPL	TCB	M 22* 70			0.523	79	S10T		
							335 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6A J6-J7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2711	70.65	45.0	45	SS400		
1	D-SPL-U	PL	235* 9	4725	70.65	78.4	78	SS400		
1	D-SPL-U	PL	235* 9	340	70.65	5.64	6	SS400		
1	D-SPL	PL	235* 9	314	70.65	5.21	5	SS400		
3	D-SPL	PL	235* 9	2297	70.65	38.1	114	SS400		

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1	D-SPL	PL	235* 9	310	70.65	5.15	5	SS400		
158	D-SPL	TCB	M 22* 70			0.523	83	S10T		
J6-J7							336 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6A J7-J8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	3895	70.65	64.7	65	SS400		
1	D-SPL-U	PL	235* 9	3891	70.65	64.6	65	SS400		
1	D-SPL	PL	235* 9	1497	70.65	24.9	25	SS400		
2	D-SPL	PL	235* 9	2297	70.65	38.1	76	SS400		
1	D-SPL	PL	235* 9	1494	70.65	24.8	25	SS400		
152	D-SPL	TCB	M 22* 70			0.523	79	S10T		
J7-J8							335 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6A J8-J9										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2661	70.65	44.2	44	SS400		
1	D-SPL-U	PL	235* 9	3804	70.65	63.2	63	SS400		
1	D-SPL	PL	235* 9	314	70.65	5.21	5	SS400		
2	D-SPL	PL	235* 9	2248	70.65	37.3	75	SS400		
1	D-SPL	PL	235* 9	1457	70.65	24.2	24	SS400		
132	D-SPL	TCB	M 22* 70			0.523	69	S10T		
J8-J9							280 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6A J9-J10										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2648	70.65	44.0	44	SM490YA		
1	D-SPL-U	PL	235* 9	2692	70.65	44.7	45	SM490YA		
1	D-SPL	PL	235* 9	301	70.65	5.00	5	SM490YA		
1	D-SPL	PL	235* 9	2248	70.65	37.3	37	SM490YA		
1	D-SPL	PL	235* 9	2285	70.65	37.9	38	SM490YA		
1	D-SPL	PL	235* 9	307	70.65	5.10	5	SM490YA		
112	D-SPL	TCB	M 22* 70			0.523	59	S10T		
J9-J10							233 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6A J10-J11										

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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	3872	70.65	64.3	64	SS400		
1	D-SPL-U	PL	235* 9	2702	70.65	44.9	45	SS400		
1	D-SPL	PL	235* 9	1488	70.65	24.7	25	SS400		
2	D-SPL	PL	235* 9	2285	70.65	37.9	76	SS400		
1	D-SPL	PL	235* 9	317	70.65	5.26	5	SS400		
132	D-SPL	TCB	M 22* 70			0.523	69	S10T		
J10-J11							284 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6A J11-J12										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	3938	70.65	65.4	65	SS400		
1	D-SPL-U	PL	235* 9	3936	70.65	65.4	65	SS400		
1	D-SPL	PL	235* 9	1515	70.65	25.2	25	SS400		
2	D-SPL	PL	235* 9	2322	70.65	38.6	77	SS400		
1	D-SPL	PL	235* 9	1513	70.65	25.1	25	SS400		
160	D-SPL	TCB	M 22* 70			0.523	84	S10T		
J11-J12							341 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6A J12-J13										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2741	70.65	45.5	46	SS400		
1	D-SPL-U	PL	235* 9	4775	70.65	79.3	79	SS400		
1	D-SPL-U	PL	235* 9	348	70.65	5.78	6	SS400		
1	D-SPL	PL	235* 9	319	70.65	5.30	5	SS400		
3	D-SPL	PL	235* 9	2322	70.65	38.6	116	SS400		
1	D-SPL	PL	235* 9	318	70.65	5.28	5	SS400		
158	D-SPL	TCB	M 22* 70			0.523	83	S10T		
J12-J13							340 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6A J13-J14										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	3937	70.65	65.4	65	SS400		
1	D-SPL-U	PL	235* 9	2743	70.65	45.5	46	SS400		
1	D-SPL	PL	235* 9	1515	70.65	25.2	25	SS400		
2	D-SPL	PL	235* 9	2322	70.65	38.6	77	SS400		
1	D-SPL	PL	235* 9	318	70.65	5.28	5	SS400		
136	D-SPL	TCB	M 22* 70			0.523	71	S10T		

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J13-J14	289 kg
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APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6A J14-J15										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	D-SPL-U	PL	235* 9	3937	70.65	65.4	131	SS400		
1	D-SPL	PL	235* 9	1515	70.65	25.2	25	SS400		
2	D-SPL	PL	235* 9	2322	70.65	38.6	77	SS400		
1	D-SPL	PL	235* 9	1514	70.65	25.1	25	SS400		
160	D-SPL	TCB	M 22* 70			0.523	84	S10T		
							J14-J15	342 kg		

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6A J15-J16										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2740	70.65	45.5	46	SS400		
1	D-SPL-U	PL	235* 9	3931	70.65	65.3	65	SS400		
1	D-SPL	PL	235* 9	318	70.65	5.28	5	SS400		
2	D-SPL	PL	235* 9	2322	70.65	38.6	77	SS400		
1	D-SPL	PL	235* 9	1509	70.65	25.1	25	SS400		
136	D-SPL	TCB	M 22* 70			0.523	71	S10T		
							J15-J16	289 kg		

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6A J16-J17										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2746	70.65	45.6	46	SS400		
1	D-SPL-U	PL	235* 9	4775	70.65	79.3	79	SS400		
1	D-SPL-U	PL	235* 9	341	70.65	5.66	6	SS400		
1	D-SPL	PL	235* 9	324	70.65	5.38	5	SS400		
3	D-SPL	PL	235* 9	2322	70.65	38.6	116	SS400		
1	D-SPL	PL	235* 9	311	70.65	5.16	5	SS400		
158	D-SPL	TCB	M 22* 70			0.523	83	S10T		
							J16-J17	340 kg		

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6A J17-J18										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	3943	70.65	65.5	66	SM490YA		
1	D-SPL-U	PL	235* 9	3854	70.65	64.0	64	SM490YA		

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1	D-SPL	PL	235* 9	1521	70.65	25.3	25	SM490YA		
2	D-SPL	PL	235* 9	2322	70.65	38.6	77	SM490YA		
1	D-SPL	PL	235* 9	1431	70.65	23.8	24	SM490YA		
156	D-SPL	TCB	M 22* 70			0.523	82	S10T		
J17-J18							338 kg			
JL6A							5775 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6B GE1-J1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	E-SPL	PL	165* 9	185	70.65	2.16	4	SS400		
4	E-SPL	TCB	M 22* 65			0.508	2	S10T		
1	D-SPL-U	PL	215* 9	1025	70.65	15.6	16	SM490YA		
1	D-SPL-U	PL	235* 9	4317	70.65	71.6	72	SM490YA		
1	D-SPL-U	PL	235* 9	2639	70.65	43.8	44	SM490YA		
1	D-SPL	PL	215* 9	995	70.65	15.1	15	SM490YA		
1	D-SPL	PL	235* 9	1942	70.65	32.2	32	SM490YA		
2	D-SPL	PL	235* 9	2245	70.65	37.3	75	SM490YA		
1	D-SPL	PL	235* 9	294	70.65	4.88	5	SM490YA		
168	D-SPL	TCB	M 22* 70			0.523	88	S10T		
GE1-J1							353 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6B J1-J2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	3857	70.65	64.0	64	SS400		
1	D-SPL-U	PL	235* 9	3884	70.65	64.5	64	SS400		
1	D-SPL	PL	235* 9	1461	70.65	24.3	24	SS400		
2	D-SPL	PL	235* 9	2295	70.65	38.1	76	SS400		
1	D-SPL	PL	235* 9	1489	70.65	24.7	25	SS400		
152	D-SPL	TCB	M 22* 70			0.523	79	S10T		
J1-J2							332 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6B J2-J3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2711	70.65	45.0	45	SS400		
1	D-SPL-U	PL	235* 9	4720	70.65	78.4	78	SS400		
1	D-SPL-U	PL	235* 9	337	70.65	5.60	6	SS400		
1	D-SPL	PL	235* 9	316	70.65	5.25	5	SS400		

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3	D-SPL	PL	235* 9	2295	70.65	38.1	114	SS400		
1	D-SPL	PL	235* 9	307	70.65	5.10	5	SS400		
158	D-SPL	TCB	M 22* 70			0.523	83	S10T		
J2-J3							336 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6B J3-J4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	3894	70.65	64.7	65	SS400		
1	D-SPL-U	PL	235* 9	3834	70.65	63.7	64	SS400		
1	D-SPL	PL	235* 9	1499	70.65	24.9	25	SS400		
2	D-SPL	PL	235* 9	2295	70.65	38.1	76	SS400		
1	D-SPL	PL	235* 9	1439	70.65	23.9	24	SS400		
152	D-SPL	TCB	M 22* 70			0.523	79	S10T		
J3-J4							333 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6B J4-J5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2761	70.65	45.8	46	SS400		
1	D-SPL-U	PL	235* 9	4720	70.65	78.4	78	SS400		
1	D-SPL-U	PL	235* 9	337	70.65	5.60	6	SS400		
1	D-SPL	PL	235* 9	366	70.65	6.08	6	SS400		
3	D-SPL	PL	235* 9	2295	70.65	38.1	114	SS400		
1	D-SPL	PL	235* 9	307	70.65	5.10	5	SS400		
158	D-SPL	TCB	M 22* 70			0.523	83	S10T		
J4-J5							338 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6B J5-J6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	3893	70.65	64.6	65	SS400		
1	D-SPL-U	PL	235* 9	3885	70.65	64.5	64	SS400		
1	D-SPL	PL	235* 9	1498	70.65	24.9	25	SS400		
2	D-SPL	PL	235* 9	2295	70.65	38.1	76	SS400		
1	D-SPL	PL	235* 9	1490	70.65	24.7	25	SS400		
152	D-SPL	TCB	M 22* 70			0.523	79	S10T		
J5-J6							334 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6B J6-J7										
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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2710	70.65	45.0	45	SS400		
1	D-SPL-U	PL	235* 9	4720	70.65	78.4	78	SS400		
1	D-SPL-U	PL	235* 9	338	70.65	5.61	6	SS400		
1	D-SPL	PL	235* 9	315	70.65	5.23	5	SS400		
3	D-SPL	PL	235* 9	2295	70.65	38.1	114	SS400		
1	D-SPL	PL	235* 9	308	70.65	5.11	5	SS400		
158	D-SPL	TCB	M 22* 70			0.523	83	S10T		
J6-J7							336 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6B J7-J8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	3893	70.65	64.6	65	SS400		
1	D-SPL-U	PL	235* 9	3886	70.65	64.5	64	SS400		
1	D-SPL	PL	235* 9	1498	70.65	24.9	25	SS400		
2	D-SPL	PL	235* 9	2295	70.65	38.1	76	SS400		
1	D-SPL	PL	235* 9	1491	70.65	24.8	25	SS400		
152	D-SPL	TCB	M 22* 70			0.523	79	S10T		
J7-J8							334 kg			
JL6B							2696 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6C GE1-J1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	E-SPL	PL	165* 9	185	70.65	2.16	4	SS400		
4	E-SPL	TCB	M 22* 65			0.508	2	S10T		
1	D-SPL-U	PL	215* 9	1025	70.65	15.6	16	SM490YA		
1	D-SPL-U	PL	235* 9	4312	70.65	71.6	72	SM490YA		
1	D-SPL-U	PL	235* 9	2634	70.65	43.7	44	SM490YA		
1	D-SPL	PL	215* 9	995	70.65	15.1	15	SM490YA		
1	D-SPL	PL	235* 9	1939	70.65	32.2	32	SM490YA		
2	D-SPL	PL	235* 9	2243	70.65	37.2	74	SM490YA		
1	D-SPL	PL	235* 9	291	70.65	4.83	5	SM490YA		
168	D-SPL	TCB	M 22* 70			0.523	88	S10T		
GE1-J1							352 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6C J1-J2										

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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	3855	70.65	64.0	64	SS400		
1	D-SPL-U	PL	235* 9	3878	70.65	64.4	64	SS400		
1	D-SPL	PL	235* 9	1462	70.65	24.3	24	SS400		
2	D-SPL	PL	235* 9	2293	70.65	38.1	76	SS400		
1	D-SPL	PL	235* 9	1485	70.65	24.7	25	SS400		
152	D-SPL	TCB	M 22* 70			0.523	79	S10T		
J1-J2							332 kg			
JL6C							684 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL7 GE1-J1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	E-SPL	PL	165* 9	185	70.65	2.16	4	SS400		
4	E-SPL	TCB	M 22* 65			0.508	2	S10T		
1	D-SPL-U	PL	215* 9	1026	70.65	15.6	16	SS400		
1	D-SPL-U	PL	235* 9	4312	70.65	71.6	72	SS400		
1	D-SPL-U	PL	235* 9	2633	70.65	43.7	44	SS400		
1	D-SPL	PL	215* 9	995	70.65	15.1	15	SS400		
1	D-SPL	PL	235* 9	1938	70.65	32.2	32	SS400		
2	D-SPL	PL	235* 9	2244	70.65	37.3	75	SS400		
1	D-SPL	PL	235* 9	289	70.65	4.80	5	SS400		
168	D-SPL	TCB	M 22* 70			0.523	88	S10T		
GE1-J1							353 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL7 J1-J2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	3860	70.65	64.1	64	SS400		
1	D-SPL-U	PL	235* 9	3878	70.65	64.4	64	SS400		
1	D-SPL	PL	235* 9	1465	70.65	24.3	24	SS400		
2	D-SPL	PL	235* 9	2294	70.65	38.1	76	SS400		
1	D-SPL	PL	235* 9	1484	70.65	24.6	25	SS400		
152	D-SPL	TCB	M 22* 70			0.523	79	S10T		
J1-J2							332 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL7 J2-J3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2714	70.65	45.1	45	SS400		

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1	D-SPL-U	PL	235* 9	4718	70.65	78.4	78	SS400		
1	D-SPL-U	PL	235* 9	333	70.65	5.53	6	SS400		
1	D-SPL	PL	235* 9	320	70.65	5.31	5	SS400		
3	D-SPL	PL	235* 9	2294	70.65	38.1	114	SS400		
1	D-SPL	PL	235* 9	303	70.65	5.03	5	SS400		
158	D-SPL	TCB	M 22* 70			0.523	83	S10T		
J2-J3							336 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL7 J3-J4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	3896	70.65	64.7	65	SS400		
1	D-SPL-U	PL	235* 9	3830	70.65	63.6	64	SS400		
1	D-SPL	PL	235* 9	1501	70.65	24.9	25	SS400		
2	D-SPL	PL	235* 9	2294	70.65	38.1	76	SS400		
1	D-SPL	PL	235* 9	1436	70.65	23.8	24	SS400		
152	D-SPL	TCB	M 22* 70			0.523	79	S10T		
J3-J4							333 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL7 J4-J5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2763	70.65	45.9	46	SS400		
1	D-SPL-U	PL	235* 9	4718	70.65	78.4	78	SS400		
1	D-SPL-U	PL	235* 9	334	70.65	5.55	6	SS400		
1	D-SPL	PL	235* 9	369	70.65	6.13	6	SS400		
3	D-SPL	PL	235* 9	2294	70.65	38.1	114	SS400		
1	D-SPL	PL	235* 9	304	70.65	5.05	5	SS400		
158	D-SPL	TCB	M 22* 70			0.523	83	S10T		
J4-J5							338 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL7 J5-J6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	3894	70.65	64.7	65	SS400		
1	D-SPL-U	PL	235* 9	3881	70.65	64.4	64	SS400		
1	D-SPL	PL	235* 9	1500	70.65	24.9	25	SS400		
2	D-SPL	PL	235* 9	2294	70.65	38.1	76	SS400		
1	D-SPL	PL	235* 9	1487	70.65	24.7	25	SS400		
152	D-SPL	TCB	M 22* 70			0.523	79	S10T		

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J5-J6	334 kg
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APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL7 J6-J7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2711	70.65	45.0	45	SS400		
1	D-SPL-U	PL	235* 9	4718	70.65	78.4	78	SS400		
1	D-SPL-U	PL	235* 9	336	70.65	5.58	6	SS400		
1	D-SPL	PL	235* 9	317	70.65	5.26	5	SS400		
3	D-SPL	PL	235* 9	2294	70.65	38.1	114	SS400		
1	D-SPL	PL	235* 9	306	70.65	5.08	5	SS400		
158	D-SPL	TCB	M 22* 70			0.523	83	S10T		
J6-J7										
336 kg										

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL7 J7-J8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	3893	70.65	64.6	65	SS400		
1	D-SPL-U	PL	235* 9	3883	70.65	64.5	64	SS400		
1	D-SPL	PL	235* 9	1498	70.65	24.9	25	SS400		
2	D-SPL	PL	235* 9	2294	70.65	38.1	76	SS400		
1	D-SPL	PL	235* 9	1489	70.65	24.7	25	SS400		
152	D-SPL	TCB	M 22* 70			0.523	79	S10T		
J7-J8										
334 kg										

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL7 J8-J9										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2660	70.65	44.2	44	SS400		
1	D-SPL-U	PL	235* 9	3796	70.65	63.0	63	SS400		
1	D-SPL	PL	235* 9	316	70.65	5.25	5	SS400		
2	D-SPL	PL	235* 9	2244	70.65	37.3	75	SS400		
1	D-SPL	PL	235* 9	1452	70.65	24.1	24	SS400		
132	D-SPL	TCB	M 22* 70			0.523	69	S10T		
J8-J9										
280 kg										

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL7 J9-J10										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2647	70.65	43.9	44	SM490YA		
1	D-SPL-U	PL	235* 9	2686	70.65	44.6	45	SM490YA		

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1	D-SPL	PL	235* 9	303	70.65	5.03	5	SM490YA		
1	D-SPL	PL	235* 9	2245	70.65	37.3	37	SM490YA		
1	D-SPL	PL	235* 9	2282	70.65	37.9	38	SM490YA		
1	D-SPL	PL	235* 9	305	70.65	5.06	5	SM490YA		
112	D-SPL	TCB	M 22* 70			0.523	59	S10T		
							J9-J10			
							233 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL7 J10-J11										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	3869	70.65	64.2	64	SS400		
1	D-SPL-U	PL	235* 9	2696	70.65	44.8	45	SS400		
1	D-SPL	PL	235* 9	1487	70.65	24.7	25	SS400		
2	D-SPL	PL	235* 9	2282	70.65	37.9	76	SS400		
1	D-SPL	PL	235* 9	315	70.65	5.23	5	SS400		
132	D-SPL	TCB	M 22* 70			0.523	69	S10T		
							J10-J11			
							284 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL7 J11-J12										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	3938	70.65	65.4	65	SS400		
1	D-SPL-U	PL	235* 9	3929	70.65	65.2	65	SS400		
1	D-SPL	PL	235* 9	1515	70.65	25.2	25	SS400		
2	D-SPL	PL	235* 9	2319	70.65	38.5	77	SS400		
1	D-SPL	PL	235* 9	1510	70.65	25.1	25	SS400		
160	D-SPL	TCB	M 22* 70			0.523	84	S10T		
							J11-J12			
							341 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL7 J12-J13										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2738	70.65	45.5	46	SS400		
1	D-SPL-U	PL	235* 9	4678	70.65	77.6	78	SS400		
1	D-SPL-U	PL	235* 9	346	70.65	5.74	6	SS400		
1	D-SPL	PL	235* 9	319	70.65	5.30	5	SS400		
3	D-SPL	PL	235* 9	2319	70.65	38.5	116	SS400		
1	D-SPL	PL	235* 9	316	70.65	5.25	5	SS400		
158	D-SPL	TCB	M 22* 70			0.523	83	S10T		
							J12-J13			
							339 kg			

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APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL7 J13-J14										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	3932	70.65	65.3	65	SS400		
1	D-SPL-U	PL	235* 9	2736	70.65	45.4	45	SS400		
1	D-SPL	PL	235* 9	1513	70.65	25.1	25	SS400		
2	D-SPL	PL	235* 9	2319	70.65	38.5	77	SS400		
1	D-SPL	PL	235* 9	317	70.65	5.26	5	SS400		
136	D-SPL	TCB	M 22* 70			0.523	71	S10T		
							J13-J14 288 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL7 J14-J15										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	3932	70.65	65.3	65	SS400		
1	D-SPL-U	PL	235* 9	3931	70.65	65.3	65	SS400		
1	D-SPL	PL	235* 9	1513	70.65	25.1	25	SS400		
2	D-SPL	PL	235* 9	2319	70.65	38.5	77	SS400		
1	D-SPL	PL	235* 9	1512	70.65	25.1	25	SS400		
160	D-SPL	TCB	M 22* 70			0.523	84	S10T		
							J14-J15 341 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL7 J15-J16										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2736	70.65	45.4	45	SS400		
1	D-SPL-U	PL	235* 9	3927	70.65	65.2	65	SS400		
1	D-SPL	PL	235* 9	317	70.65	5.26	5	SS400		
1	D-SPL	PL	235* 9	2319	70.65	38.5	38	SS400		
1	D-SPL	PL	235* 9	2323	70.65	38.6	39	SS400		
1	D-SPL	PL	235* 9	1504	70.65	25.0	25	SS400		
136	D-SPL	TCB	M 22* 70			0.523	71	S10T		
							J15-J16 288 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL7 J16-J17										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2758	70.65	45.8	46	SS400		
1	D-SPL-U	PL	235* 9	4782	70.65	79.4	79	SS400		
1	D-SPL-U	PL	235* 9	336	70.65	5.58	6	SS400		

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1	D-SPL	PL	235* 9	332	70.65	5.51	6	SS400		
3	D-SPL	PL	235* 9	2326	70.65	38.6	116	SS400		
1	D-SPL	PL	235* 9	306	70.65	5.08	5	SS400		
170	D-SPL	TCB	M 22* 70			0.523	89	S10T		
J16-J17							347 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL7 J17-J18										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	3957	70.65	65.7	66	SM490YA		
1	D-SPL-U	PL	235* 9	3857	70.65	64.0	64	SM490YA		
1	D-SPL	PL	235* 9	1530	70.65	25.4	25	SM490YA		
2	D-SPL	PL	235* 9	2327	70.65	38.6	77	SM490YA		
1	D-SPL	PL	235* 9	1430	70.65	23.7	24	SM490YA		
164	D-SPL	TCB	M 22* 70			0.523	86	S10T		
J17-J18							342 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL7 J18-J19										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2647	70.65	43.9	44	SM490YA		
1	D-SPL-U	PL	235* 9	3542	70.65	58.8	59	SM490YA		
1	D-SPL	PL	235* 9	257	70.65	4.27	4	SM490YA		
2	D-SPL	PL	235* 9	2290	70.65	38.0	76	SM490YA		
1	D-SPL	PL	235* 9	1152	70.65	19.1	19	SM490YA		
124	D-SPL	TCB	M 22* 70			0.523	65	S10T		
J18-J19							267 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL7 J19-J20										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2889	70.65	48.0	48	SM490YA		
1	D-SPL-U	PL	235* 9	2651	70.65	44.0	44	SM490YA		
1	D-SPL	PL	235* 9	498	70.65	8.27	8	SM490YA		
1	D-SPL	PL	235* 9	2290	70.65	38.0	38	SM490YA		
1	D-SPL	PL	235* 9	2153	70.65	35.7	36	SM490YA		
1	D-SPL	PL	235* 9	398	70.65	6.61	7	SM490YA		
116	D-SPL	TCB	M 22* 70			0.523	61	S10T		
J19-J20							242 kg			

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APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL7 J20-J21										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	3369	70.65	55.9	56	SM490YA		
1	D-SPL-U	PL	235* 9	2548	70.65	42.3	42	SM490YA		
1	D-SPL	PL	235* 9	1116	70.65	18.5	18	SM490YA		
2	D-SPL	PL	235* 9	2154	70.65	35.8	72	SM490YA		
1	D-SPL	PL	235* 9	294	70.65	4.88	5	SM490YA		
128	D-SPL	TCB	M 22* 70			0.523	67	S10T		
							J20-J21 260 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL7 J21-J22										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	3874	70.65	64.3	64	SS400		
1	D-SPL-U	PL	235* 9	2682	70.65	44.5	44	SS400		
1	D-SPL	PL	235* 9	1495	70.65	24.8	25	SS400		
1	D-SPL	PL	235* 9	2279	70.65	37.8	38	SS400		
1	D-SPL	PL	235* 9	2276	70.65	37.8	38	SS400		
1	D-SPL	PL	235* 9	306	70.65	5.08	5	SS400		
132	D-SPL	TCB	M 22* 70			0.523	69	S10T		
							J21-J22 283 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL7 J22-J23										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	D-SPL-U	PL	235* 9	3851	70.65	63.9	128	SS400		
2	D-SPL	PL	235* 9	1477	70.65	24.5	49	SS400		
2	D-SPL	PL	235* 9	2273	70.65	37.7	75	SS400		
152	D-SPL	TCB	M 22* 70			0.523	79	S10T		
							J22-J23 331 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL7 J23-J24										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2679	70.65	44.5	44	SS400		
1	D-SPL-U	PL	235* 9	4676	70.65	77.6	78	SS400		
1	D-SPL-U	PL	235* 9	336	70.65	5.58	6	SS400		
2	D-SPL	PL	235* 9	306	70.65	5.08	10	SS400		
3	D-SPL	PL	235* 9	2273	70.65	37.7	113	SS400		
158	D-SPL	TCB	M 22* 70			0.523	83	S10T		

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J23-J24	334 kg
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APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL7 J24-J25										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	3851	70.65	63.9	64	SM490YA		
1	D-SPL-U	PL	235* 9	3696	70.65	61.4	61	SM490YA		
1	D-SPL	PL	235* 9	1477	70.65	24.5	24	SM490YA		
2	D-SPL	PL	235* 9	2273	70.65	37.7	75	SM490YA		
1	D-SPL	PL	235* 9	1322	70.65	22.0	22	SM490YA		
152	D-SPL	TCB	M 22* 70			0.523	79	S10T		
J24-J25							325 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL7 J25-J26										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2684	70.65	44.6	45	SM490YA		
1	D-SPL-U	PL	235* 9	4592	70.65	76.2	76	SM490YA		
1	D-SPL-U	PL	235* 9	384	70.65	6.38	6	SM490YA		
1	D-SPL	PL	235* 9	311	70.65	5.16	5	SM490YA		
1	D-SPL	PL	235* 9	2273	70.65	37.7	38	SM490YA		
1	D-SPL	PL	235* 9	2216	70.65	36.8	37	SM490YA		
1	D-SPL	PL	235* 9	2246	70.65	37.3	37	SM490YA		
1	D-SPL	PL	235* 9	354	70.65	5.88	6	SM490YA		
158	D-SPL	TCB	M 22* 70			0.523	83	S10T		
J25-J26							333 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL7 J26-J27										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	3598	70.65	59.7	60	SM490YA		
1	D-SPL-U	PL	235* 9	3604	70.65	59.8	60	SM490YA		
1	D-SPL	PL	235* 9	1252	70.65	20.8	21	SM490YA		
1	D-SPL	PL	235* 9	2246	70.65	37.3	37	SM490YA		
1	D-SPL	PL	235* 9	2277	70.65	37.8	38	SM490YA		
1	D-SPL	PL	235* 9	1227	70.65	20.4	20	SM490YA		
144	D-SPL	TCB	M 22* 70			0.523	75	S10T		
J26-J27							311 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL7 J27-J28										
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APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL7 J27-J28										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2791	70.65	46.3	46	SM490YA		
1	D-SPL-U	PL	235* 9	3665	70.65	60.9	61	SM490YA		
1	D-SPL	PL	235* 9	412	70.65	6.84	7	SM490YA		
2	D-SPL	PL	235* 9	2279	70.65	37.8	76	SM490YA		
1	D-SPL	PL	235* 9	1286	70.65	21.4	21	SM490YA		
128	D-SPL	TCB	M 22* 70			0.523	67	S10T		
							J27-J28 278 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL7 J28-J29										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2730	70.65	45.3	45	SM490YA		
1	D-SPL-U	PL	235* 9	3704	70.65	61.5	62	SM490YA		
1	D-SPL	PL	235* 9	352	70.65	5.84	6	SM490YA		
2	D-SPL	PL	235* 9	2278	70.65	37.8	76	SM490YA		
1	D-SPL	PL	235* 9	1326	70.65	22.0	22	SM490YA		
132	D-SPL	TCB	M 22* 70			0.523	69	S10T		
							J28-J29 280 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL7 J29-J30										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2690	70.65	44.7	45	SM490YA		
1	D-SPL-U	PL	235* 9	4685	70.65	77.8	78	SM490YA		
1	D-SPL-U	PL	235* 9	342	70.65	5.68	6	SM490YA		
2	D-SPL	PL	235* 9	312	70.65	5.18	10	SM490YA		
3	D-SPL	PL	235* 9	2278	70.65	37.8	113	SM490YA		
158	D-SPL	TCB	M 22* 70			0.523	83	S10T		
							J29-J30 335 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL7 J30-J31										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	3703	70.65	61.5	62	SM490YA		
1	D-SPL-U	PL	235* 9	3858	70.65	64.1	64	SM490YA		
1	D-SPL	PL	235* 9	1326	70.65	22.0	22	SM490YA		
2	D-SPL	PL	235* 9	2277	70.65	37.8	76	SM490YA		
1	D-SPL	PL	235* 9	1480	70.65	24.6	25	SM490YA		
152	D-SPL	TCB	M 22* 70			0.523	79	S10T		

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J30-J31	328 kg
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APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL7 J31-J32										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2700	70.65	44.8	45	SS400		
1	D-SPL-U	PL	235* 9	4723	70.65	78.4	78	SS400		
1	D-SPL-U	PL	235* 9	334	70.65	5.55	6	SS400		
1	D-SPL	PL	235* 9	307	70.65	5.10	5	SS400		
1	D-SPL	PL	235* 9	2294	70.65	38.1	38	SS400		
1	D-SPL	PL	235* 9	2309	70.65	38.3	38	SS400		
1	D-SPL	PL	235* 9	2284	70.65	37.9	38	SS400		
1	D-SPL	PL	235* 9	304	70.65	5.05	5	SS400		
158	D-SPL	TCB	M 22* 70			0.523	83	S10T		
J31-J32							336 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL7 J32-GE2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	E-SPL	PL	165* 9	185	70.65	2.16	4	SS400		
4	E-SPL	TCB	M 22* 65			0.508	2	S10T		
1	D-SPL-U	PL	235* 9	3784	70.65	62.8	63	SS400		
1	D-SPL-U	PL	235* 9	2015	70.65	33.5	34	SS400		
1	D-SPL-U	PL	215* 9	1225	70.65	18.6	19	SS400		
1	D-SPL	PL	235* 9	1429	70.65	23.7	24	SS400		
2	D-SPL	PL	235* 9	1955	70.65	32.5	65	SS400		
1	D-SPL	PL	215* 9	1195	70.65	18.1	18	SS400		
146	D-SPL	TCB	M 22* 70			0.523	76	S10T		
J32-GE2							305 kg			
JL7							10327 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL8 GE1-J1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	E-SPL	PL	165* 9	185	70.65	2.16	4	SS400		
4	E-SPL	TCB	M 22* 65			0.508	2	S10T		
1	D-SPL-U	PL	215* 9	1026	70.65	15.6	16	SS400		
1	D-SPL-U	PL	235* 9	4466	70.65	74.2	74	SS400		
1	D-SPL-U	PL	235* 9	2642	70.65	43.9	44	SS400		
1	D-SPL	PL	215* 9	996	70.65	15.1	15	SS400		

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1	D-SPL	PL	235* 9	2092	70.65	34.7	35	SS400		
2	D-SPL	PL	235* 9	2244	70.65	37.3	75	SS400		
1	D-SPL	PL	235* 9	298	70.65	4.95	5	SS400		
172	D-SPL	TCB	M 22* 70			0.523	90	S10T		
GE1-J1							360 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL8 J1-J2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	3840	70.65	63.8	64	SS400		
1	D-SPL-U	PL	235* 9	3874	70.65	64.3	64	SS400		
1	D-SPL	PL	235* 9	1454	70.65	24.1	24	SS400		
2	D-SPL	PL	235* 9	2287	70.65	38.0	76	SS400		
1	D-SPL	PL	235* 9	1487	70.65	24.7	25	SS400		
152	D-SPL	TCB	M 22* 70			0.523	79	S10T		
J1-J2							332 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL8 J2-J3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2696	70.65	44.8	45	SS400		
1	D-SPL-U	PL	235* 9	4703	70.65	78.1	78	SS400		
1	D-SPL-U	PL	235* 9	339	70.65	5.63	6	SS400		
2	D-SPL	PL	235* 9	309	70.65	5.13	10	SS400		
3	D-SPL	PL	235* 9	2887	70.65	47.9	144	SS400		
158	D-SPL	TCB	M 22* 70			0.523	83	S10T		
J2-J3							366 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL8 J3-J4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	3874	70.65	64.3	64	SS400		
1	D-SPL-U	PL	235* 9	3824	70.65	63.5	64	SS400		
1	D-SPL	PL	235* 9	1487	70.65	24.7	25	SS400		
2	D-SPL	PL	235* 9	2287	70.65	38.0	76	SS400		
1	D-SPL	PL	235* 9	1438	70.65	23.9	24	SS400		
152	D-SPL	TCB	M 22* 70			0.523	79	S10T		
J3-J4							332 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL8 J4-J5										
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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2746	70.65	45.6	46	SS400		
1	D-SPL-U	PL	235* 9	4703	70.65	78.1	78	SS400		
1	D-SPL-U	PL	235* 9	339	70.65	5.63	6	SS400		
1	D-SPL	PL	235* 9	359	70.65	5.96	6	SS400		
3	D-SPL	PL	235* 9	2287	70.65	38.0	114	SS400		
1	D-SPL	PL	235* 9	309	70.65	5.13	5	SS400		
158	D-SPL	TCB	M 22* 70			0.523	83	S10T		
J4-J5							338 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL8 J5-J6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	D-SPL-U	PL	235* 9	3874	70.65	64.3	129	SS400		
2	D-SPL	PL	235* 9	1487	70.65	24.7	49	SS400		
2	D-SPL	PL	235* 9	2287	70.65	38.0	76	SS400		
152	D-SPL	TCB	M 22* 70			0.523	79	S10T		
J5-J6							333 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL8 J6-J7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2696	70.65	44.8	45	SS400		
1	D-SPL-U	PL	235* 9	4703	70.65	78.1	78	SS400		
1	D-SPL-U	PL	235* 9	339	70.65	5.63	6	SS400		
2	D-SPL	PL	235* 9	309	70.65	5.13	10	SS400		
3	D-SPL	PL	235* 9	2287	70.65	38.0	114	SS400		
158	D-SPL	TCB	M 22* 70			0.523	83	S10T		
J6-J7							336 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL8 J7-J8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	D-SPL-U	PL	235* 9	3874	70.65	64.3	129	SS400		
2	D-SPL	PL	235* 9	1487	70.65	24.7	49	SS400		
2	D-SPL	PL	235* 9	2287	70.65	38.0	76	SS400		
152	D-SPL	TCB	M 22* 70			0.523	79	S10T		
J7-J8							333 kg			

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APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL8 J8-J9										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2646	70.65	43.9	44	SS400		
1	D-SPL-U	PL	235* 9	3787	70.65	62.9	63	SS400		
1	D-SPL	PL	235* 9	309	70.65	5.13	5	SS400		
2	D-SPL	PL	235* 9	2237	70.65	37.1	74	SS400		
1	D-SPL	PL	235* 9	1450	70.65	24.1	24	SS400		
132	D-SPL	TCB	M 22* 70			0.523	69	S10T		
							J8-J9			
							279 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL8 J9-J10										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2569	70.65	42.7	43	SM490YA		
1	D-SPL-U	PL	235* 9	2745	70.65	45.6	46	SM490YA		
1	D-SPL	PL	235* 9	297	70.65	4.93	5	SM490YA		
1	D-SPL	PL	235* 9	2173	70.65	36.1	36	SM490YA		
1	D-SPL	PL	235* 9	2339	70.65	38.8	39	SM490YA		
1	D-SPL	PL	235* 9	306	70.65	5.08	5	SM490YA		
116	D-SPL	TCB	M 22* 70			0.523	61	S10T		
							J9-J10			
							235 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL8 J10-J11										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	3852	70.65	64.0	64	SS400		
1	D-SPL-U	PL	235* 9	2689	70.65	44.6	45	SS400		
1	D-SPL	PL	235* 9	1478	70.65	24.5	24	SS400		
2	D-SPL	PL	235* 9	2274	70.65	37.8	76	SS400		
1	D-SPL	PL	235* 9	315	70.65	5.23	5	SS400		
132	D-SPL	TCB	M 22* 70			0.523	69	S10T		
							J10-J11			
							283 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL8 J11-J12										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	D-SPL-U	PL	235* 9	3917	70.65	65.0	130	SS400		
2	D-SPL	PL	235* 9	1506	70.65	25.0	50	SS400		
2	D-SPL	PL	235* 9	2311	70.65	38.4	77	SS400		
152	D-SPL	TCB	M 22* 70			0.523	79	S10T		

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J11-J12	336 kg
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APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL8 J12-J13										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2727	70.65	45.3	45	SS400		
1	D-SPL-U	PL	235* 9	4753	70.65	78.9	79	SS400		
1	D-SPL-U	PL	235* 9	345	70.65	5.73	6	SS400		
2	D-SPL	PL	235* 9	315	70.65	5.23	10	SS400		
3	D-SPL	PL	235* 9	2311	70.65	38.4	115	SS400		
158	D-SPL	TCB	M 22* 70			0.523	83	S10T		
J12-J13										
338 kg										

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL8 J13-J14										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	3917	70.65	65.0	65	SS400		
1	D-SPL-U	PL	235* 9	2727	70.65	45.3	45	SS400		
1	D-SPL	PL	235* 9	1506	70.65	25.0	25	SS400		
2	D-SPL	PL	235* 9	315	70.65	5.23	10	SS400		
1	D-SPL	PL	235* 9	2311	70.65	38.4	38	SS400		
132	D-SPL	TCB	M 22* 70			0.523	69	S10T		
J13-J14										
252 kg										

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL8 J14-J15										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	3917	70.65	65.0	65	SS400		
1	D-SPL-U	PL	235* 9	3920	70.65	65.1	65	SS400		
1	D-SPL	PL	235* 9	1506	70.65	25.0	25	SS400		
2	D-SPL	PL	235* 9	2311	70.65	38.4	77	SS400		
1	D-SPL	PL	235* 9	1508	70.65	25.0	25	SS400		
156	D-SPL	TCB	M 22* 70			0.523	82	S10T		
J14-J15										
339 kg										

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL8 J15-J16										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2731	70.65	45.3	45	SS400		
1	D-SPL-U	PL	235* 9	4163	70.65	69.1	69	SS400		

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1	D-SPL	PL	235* 9	316	70.65	5.25	5	SS400		
1	D-SPL	PL	235* 9	2315	70.65	38.4	38	SS400		
1	D-SPL	PL	235* 9	2549	70.65	42.3	42	SS400		
1	D-SPL	PL	235* 9	1514	70.65	25.1	25	SS400		
144	D-SPL	TCB	M 22* 70			0.523	75	S10T		
J15-J16							299 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL8 J16-J17										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2740	70.65	45.5	46	SS400		
1	D-SPL-U	PL	235* 9	4474	70.65	74.3	74	SS400		
1	D-SPL-U	PL	235* 9	348	70.65	5.78	6	SS400		
2	D-SPL	PL	235* 9	318	70.65	5.28	11	SS400		
3	D-SPL	PL	235* 9	2322	70.65	38.6	116	SS400		
158	D-SPL	TCB	M 22* 70			0.523	83	S10T		
J16-J17							336 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL8 J17-J18										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	3937	70.65	65.4	65	SM490YA		
1	D-SPL-U	PL	235* 9	3863	70.65	64.1	64	SM490YA		
1	D-SPL	PL	235* 9	1514	70.65	25.1	25	SM490YA		
2	D-SPL	PL	235* 9	2323	70.65	38.6	77	SM490YA		
1	D-SPL	PL	235* 9	1440	70.65	23.9	24	SM490YA		
156	D-SPL	TCB	M 22* 70			0.523	82	S10T		
J17-J18							337 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL8 J18-J19										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2629	70.65	43.6	44	SM490YA		
1	D-SPL-U	PL	235* 9	3549	70.65	58.9	59	SM490YA		
1	D-SPL	PL	235* 9	243	70.65	4.03	4	SM490YA		
2	D-SPL	PL	235* 9	2286	70.65	38.0	76	SM490YA		
1	D-SPL	PL	235* 9	1163	70.65	19.3	19	SM490YA		
124	D-SPL	TCB	M 22* 70			0.523	65	S10T		
J18-J19							267 kg			

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APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL8 J19-J20										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2640	70.65	43.8	44	SM490YA		
1	D-SPL-U	PL	235* 9	2890	70.65	48.0	48	SM490YA		
1	D-SPL	PL	235* 9	484	70.65	8.03	8	SM490YA		
1	D-SPL	PL	235* 9	2056	70.65	34.1	34	SM490YA		
1	D-SPL	PL	235* 9	2380	70.65	39.5	40	SM490YA		
1	D-SPL	PL	235* 9	410	70.65	6.81	7	SM490YA		
112	D-SPL	TCB	M 22* 70			0.523	59	S10T		
J19-J20							240 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL8 J20-J21										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	3350	70.65	55.6	56	SM490YA		
1	D-SPL-U	PL	235* 9	2556	70.65	42.4	42	SM490YA		
1	D-SPL	PL	235* 9	1100	70.65	18.3	18	SM490YA		
2	D-SPL	PL	235* 9	2150	70.65	35.7	71	SM490YA		
1	D-SPL	PL	235* 9	306	70.65	5.08	5	SM490YA		
128	D-SPL	TCB	M 22* 70			0.523	67	S10T		
J20-J21							259 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL8 J21-J22										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	3854	70.65	64.0	64	SS400		
1	D-SPL-U	PL	235* 9	2447	70.65	40.6	41	SS400		
1	D-SPL	PL	235* 9	1479	70.65	24.6	25	SS400		
1	D-SPL	PL	235* 9	2275	70.65	37.8	38	SS400		
1	D-SPL	PL	235* 9	2042	70.65	33.9	34	SS400		
1	D-SPL	PL	235* 9	305	70.65	5.06	5	SS400		
128	D-SPL	TCB	M 22* 70			0.523	67	S10T		
J21-J22							274 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL8 J22-J23										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	D-SPL-U	PL	235* 9	3844	70.65	63.8	128	SS400		
2	D-SPL	PL	235* 9	1474	70.65	24.5	49	SS400		
2	D-SPL	PL	235* 9	2269	70.65	37.7	75	SS400		

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152	D-SPL	TCB	M 22* 70			0.523	79	S10T		
J22-J23						331 kg				

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL8 J23-J24										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2674	70.65	44.4	44	SS400		
1	D-SPL-U	PL	235* 9	4668	70.65	77.5	78	SS400		
1	D-SPL-U	PL	235* 9	335	70.65	5.56	6	SS400		
2	D-SPL	PL	235* 9	305	70.65	5.06	10	SS400		
3	D-SPL	PL	235* 9	2269	70.65	37.7	113	SS400		
158	D-SPL	TCB	M 22* 70			0.523	83	S10T		
J23-J24						334 kg				

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL8 J24-J25										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	3844	70.65	63.8	64	SM490YA		
1	D-SPL-U	PL	235* 9	3689	70.65	61.2	61	SM490YA		
1	D-SPL	PL	235* 9	1474	70.65	24.5	24	SM490YA		
2	D-SPL	PL	235* 9	2269	70.65	37.7	75	SM490YA		
1	D-SPL	PL	235* 9	1320	70.65	21.9	22	SM490YA		
152	D-SPL	TCB	M 22* 70			0.523	79	S10T		
J24-J25						325 kg				

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL8 J25-J26										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2679	70.65	44.5	44	SM490YA		
1	D-SPL-U	PL	235* 9	4515	70.65	75.0	75	SM490YA		
1	D-SPL-U	PL	235* 9	376	70.65	6.24	6	SM490YA		
1	D-SPL	PL	235* 9	310	70.65	5.15	5	SM490YA		
1	D-SPL	PL	235* 9	2269	70.65	37.7	38	SM490YA		
1	D-SPL	PL	235* 9	2166	70.65	36.0	36	SM490YA		
1	D-SPL	PL	235* 9	2219	70.65	36.8	37	SM490YA		
1	D-SPL	PL	235* 9	346	70.65	5.74	6	SM490YA		
158	D-SPL	TCB	M 22* 70			0.523	83	S10T		
J25-J26						330 kg				

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL8 J26-J27										
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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	3553	70.65	59.0	59	SM490YA		
1	D-SPL-U	PL	235* 9	3602	70.65	59.8	60	SM490YA		
1	D-SPL	PL	235* 9	1233	70.65	20.5	20	SM490YA		
1	D-SPL	PL	235* 9	2220	70.65	36.9	37	SM490YA		
1	D-SPL	PL	235* 9	2275	70.65	37.8	38	SM490YA		
1	D-SPL	PL	235* 9	1227	70.65	20.4	20	SM490YA		
144	D-SPL	TCB	M 22* 70			0.523	75	S10T		
J26-J27							309 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL8 J27-J28										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2791	70.65	46.3	46	SM490YA		
1	D-SPL-U	PL	235* 9	3665	70.65	60.9	61	SM490YA		
1	D-SPL	PL	235* 9	412	70.65	6.84	7	SM490YA		
2	D-SPL	PL	235* 9	2279	70.65	37.8	76	SM490YA		
1	D-SPL	PL	235* 9	1286	70.65	21.4	21	SM490YA		
128	D-SPL	TCB	M 22* 70			0.523	67	S10T		
J27-J28							278 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL8 J28-J29										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2730	70.65	45.3	45	SM490YA		
1	D-SPL-U	PL	235* 9	3704	70.65	61.5	62	SM490YA		
1	D-SPL	PL	235* 9	352	70.65	5.84	6	SM490YA		
2	D-SPL	PL	235* 9	2278	70.65	37.8	76	SM490YA		
1	D-SPL	PL	235* 9	1326	70.65	22.0	22	SM490YA		
132	D-SPL	TCB	M 22* 70			0.523	69	S10T		
J28-J29							280 kg			

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL8 J29-J30										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2690	70.65	44.7	45	SM490YA		
1	D-SPL-U	PL	235* 9	4685	70.65	77.8	78	SM490YA		
1	D-SPL-U	PL	235* 9	342	70.65	5.68	6	SM490YA		
2	D-SPL	PL	235* 9	312	70.65	5.18	10	SM490YA		
3	D-SPL	PL	235* 9	2278	70.65	37.8	113	SM490YA		

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158	D-SPL	TCB	M 22* 70			0.523	83	S10T		
J29-J30						335 kg				

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL8 J30-J31										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	3703	70.65	61.5	62	SM490YA		
1	D-SPL-U	PL	235* 9	3858	70.65	64.1	64	SM490YA		
1	D-SPL	PL	235* 9	1326	70.65	22.0	22	SM490YA		
2	D-SPL	PL	235* 9	2277	70.65	37.8	76	SM490YA		
1	D-SPL	PL	235* 9	1480	70.65	24.6	25	SM490YA		
152	D-SPL	TCB	M 22* 70			0.523	79	S10T		
J30-J31						328 kg				

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL8 J31-J32										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	235* 9	2714	70.65	45.1	45	SS400		
1	D-SPL-U	PL	235* 9	4775	70.65	79.3	79	SS400		
1	D-SPL-U	PL	235* 9	340	70.65	5.64	6	SS400		
1	D-SPL	PL	235* 9	307	70.65	5.10	5	SS400		
1	D-SPL	PL	235* 9	2307	70.65	38.3	38	SS400		
1	D-SPL	PL	235* 9	2336	70.65	38.8	39	SS400		
1	D-SPL	PL	235* 9	2310	70.65	38.3	38	SS400		
1	D-SPL	PL	235* 9	310	70.65	5.15	5	SS400		
162	D-SPL	TCB	M 22* 70			0.523	85	S10T		
J31-J32						340 kg				

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL8 J32-GE2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	E-SPL	PL	165* 9	185	70.65	2.16	4	SS400		
4	E-SPL	TCB	M 22* 65			0.508	2	S10T		
1	D-SPL-U	PL	235* 9	3754	70.65	62.3	62	SS400		
1	D-SPL-U	PL	235* 9	2315	70.65	38.4	38	SS400		
1	D-SPL-U	PL	215* 9	925	70.65	14.1	14	SS400		
1	D-SPL	PL	235* 9	1399	70.65	23.2	23	SS400		
2	D-SPL	PL	235* 9	2255	70.65	37.4	75	SS400		
1	D-SPL	PL	215* 9	895	70.65	13.6	14	SS400		
146	D-SPL	TCB	M 22* 70			0.523	76	S10T		

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J32-GE2	308 kg
JL8	10302 kg
DECK PL LONGITUDINAL SPLICE	94017 kg
APPROACH BRIDGE	94017 kg

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APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J1 LL1-JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	970	70.65	32.2	32	SS400		
1	D-SPL-U	PL	470* 9	305	70.65	10.1	10	SS400		
1	D-SPL	PL	470* 14	270	109.9	13.9	14	SS400		
2	D-SPL	PL	470* 14	250	109.9	12.9	26	SS400		
1	D-SPL	PL	470* 14	245	109.9	12.7	13	SS400		
66	D-SPL	TCB	M 22* 75			0.538	36	S10T		
1	ST-SPL	PL	255* 9	320	70.65	5.77	6	SS400		
1	ST-SPL	PL	335* 16	320	125.6	13.5	14	SS400		
12	ST-SPL	TCB	M 22* 70			0.523	6	S10T		
2	ST-SPL	PL	80* 9	320	70.65	1.81	4	SS400		
4	ST-SPL	TCB	M 22* 65			0.508	2	S10T		
6	PR-SPL	PL	175* 18	620	141.3	15.3	92	SS400		
48	PR-SPL	TCB	M 22* 95			0.598	29	S10T		
							LL1-JL1			
							284 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J1 JL1-JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	2975	70.65	98.8	99	SS400		
1	D-SPL	PL	470* 14	223	109.9	11.5	12	SS400		
5	D-SPL	PL	470* 14	230	109.9	11.9	60	SS400		
4	D-SPL	PL	470* 14	80	109.9	4.13	17	SS400		
1	D-SPL	PL	470* 14	155	109.9	8.01	8	SS400		
48	D-SPL	TCB	M 22* 75			0.538	26	S10T		
96	D-SPL	HTB	M 22* 80			0.585	56	F10T		
10	UR-SPL-I	PL	155* 10	320	78.50	3.89	39	SS400		
40	UR-SPL-I	TCB	M 22* 65			0.508	20	S10T		
5	COV	PL	120* 6	460	47.10	2.60	13	SS400		
5	COV-I	RB	13 φ	280	1.040	0.291	1	SS400		
40	COV	BN	M 12* 35			0.073	3	SS400		1-W,HDG
							JL1-JL2			
							354 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J1 JL2-JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	980	70.65	32.5	32	SS400		
2	D-SPL-U	PL	470* 9	305	70.65	10.1	20	SS400		
2	D-SPL	PL	470* 14	245	109.9	12.7	25	SS400		
2	D-SPL	PL	470* 14	230	109.9	11.9	24	SS400		

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2	D-SPL	PL	470* 14	80	109.9	4.13	8	SS400		
36	D-SPL	TCB	M 22* 75			0.538	19	S10T		
36	D-SPL	HTB	M 22* 80			0.585	21	F10T		
4	UR-SPL-O	PL	155* 10	320	78.50	3.89	16	SS400		
16	UR-SPL-O	TCB	M 22* 65			0.508	8	S10T		
2	COV	PL	120* 6	460	47.10	2.60	5	SS400		
2	COV-O	RB	13 φ	280	1.040	0.291	1	SS400		
16	COV	BN	M 12* 35			0.073	1	SS400		1-W,HDG
2	PR-SPL	PL	175* 18	620	141.3	15.3	31	SS400		
16	PR-SPL	TCB	M 22* 95			0.598	10	S10T		
JL2-JL3								221 kg		

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J1 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	2690	70.65	89.3	89	SS400		
2	D-SPL	PL	470* 14	155	109.9	8.01	16	SS400		
7	D-SPL	PL	470* 14	230	109.9	11.9	83	SS400		
78	D-SPL	TCB	M 22* 75			0.538	42	S10T		
72	D-SPL	HTB	M 22* 80			0.585	42	F10T		
8	UR-SPL-I	PL	155* 10	320	78.50	3.89	31	SS400		
32	UR-SPL-I	TCB	M 22* 65			0.508	16	S10T		
4	COV	PL	120* 6	460	47.10	2.60	10	SS400		
4	COV-I	RB	13 φ	280	1.040	0.291	1	SS400		
32	COV	BN	M 12* 35			0.073	2	SS400		1-W,HDG
JL3-JL4								332 kg		

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J1 JL4-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	2630	70.65	87.3	87	SS400		
2	D-SPL-U	PL	470* 9	305	70.65	10.1	20	SS400		
2	D-SPL	PL	470* 14	245	109.9	12.7	25	SS400		
4	D-SPL	PL	470* 14	230	109.9	11.9	48	SS400		
4	D-SPL	PL	470* 14	280	109.9	14.5	58	SS400		
132	D-SPL	TCB	M 22* 75			0.538	71	S10T		
36	D-SPL	HTB	M 22* 80			0.585	21	F10T		
4	UR-SPL-O	PL	155* 10	320	78.50	3.89	16	SS400		
16	UR-SPL-O	TCB	M 22* 65			0.508	8	S10T		
2	COV	PL	120* 6	460	47.10	2.60	5	SS400		
2	COV-O	RB	13 φ	280	1.040	0.291	1	SS400		
16	COV	BN	M 12* 35			0.073	1	SS400		1-W,HDG

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10	PR-SPL	PL	175* 18	620	141.3	15.3	153	SS400		
80	PR-SPL	TCB	M 22* 95			0.598	48	S10T		
JL4-JL5							562 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J1 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	2690	70.65	89.3	89	SS400		
2	D-SPL	PL	470* 14	155	109.9	8.01	16	SS400		
7	D-SPL	PL	470* 14	230	109.9	11.9	83	SS400		
78	D-SPL	TCB	M 22* 75			0.538	42	S10T		
72	D-SPL	HTB	M 22* 80			0.585	42	F10T		
8	UR-SPL-I	PL	155* 10	320	78.50	3.89	31	SS400		
32	UR-SPL-I	TCB	M 22* 65			0.508	16	S10T		
4	COV	PL	120* 6	460	47.10	2.60	10	SS400		
4	COV-I	RB	13 φ	280	1.040	0.291	1	SS400		
32	COV	BN	M 12* 35			0.073	2	SS400		1-W,HDG
JL5-JL6							332 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J1 JL6-JL6A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	305	70.65	10.1	10	SS400		
1	D-SPL-U	PL	470* 9	1570	70.65	52.1	52	SS400		
1	D-SPL-U	PL	470* 9	290	70.65	9.63	10	SS400		
1	D-SPL	PL	470* 14	245	109.9	12.7	13	SS400		
6	D-SPL	PL	470* 14	230	109.9	11.9	71	SS400		
60	D-SPL	TCB	M 22* 75			0.538	32	S10T		
54	D-SPL	HTB	M 22* 80			0.585	32	F10T		
6	UR-SPL-O	PL	155* 10	320	78.50	3.89	23	SS400		
24	UR-SPL-O	TCB	M 22* 65			0.508	12	S10T		
3	COV	PL	120* 6	460	47.10	2.60	8	SS400		
3	COV-O	RB	13 φ	280	1.040	0.291	1	SS400		
24	COV	BN	M 12* 35			0.073	2	SS400		1-W,HDG
JL6-JL6A							266 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J1 JL6A-JL6B										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	1570	70.65	52.1	52	SS400		
5	D-SPL	PL	470* 14	230	109.9	11.9	60	SS400		

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36	D-SPL	TCB	M 22* 75			0.538	19	S10T		
54	D-SPL	HTB	M 22* 80			0.585	32	F10T		
6	UR-SPL-O	PL	155* 10	320	78.50	3.89	23	SS400		
24	UR-SPL-O	TCB	M 22* 65			0.508	12	S10T		
3	COV	PL	120* 6	460	47.10	2.60	8	SS400		
3	COV-O	RB	13 φ	280	1.040	0.291	1	SS400		
24	COV	BN	M 12* 35			0.073	2	SS400		1-W,HDG
JL6A-JL6B							209 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J1 JL6B-JL6C										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	290	70.65	9.63	10	SS400		
1	D-SPL-U	PL	470* 9	1570	70.65	52.1	52	SS400		
6	D-SPL	PL	470* 14	230	109.9	11.9	71	SS400		
48	D-SPL	TCB	M 22* 75			0.538	26	S10T		
54	D-SPL	HTB	M 22* 80			0.585	32	F10T		
6	UR-SPL-O	PL	155* 10	320	78.50	3.89	23	SS400		
24	UR-SPL-O	TCB	M 22* 65			0.508	12	S10T		
3	COV	PL	120* 6	460	47.10	2.60	8	SS400		
3	COV-O	RB	13 φ	280	1.040	0.291	1	SS400		
24	COV	BN	M 12* 35			0.073	2	SS400		1-W,HDG
JL6B-JL6C							237 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J1 JL6C-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	290	70.65	9.63	10	SS400		
1	D-SPL-U	PL	470* 9	1393	70.65	46.3	46	SS400		
1	D-SPL-U	PL	470* 9	305	70.65	10.1	10	SS400		
5	D-SPL	PL	470* 14	230	109.9	11.9	60	SS400		
1	D-SPL	PL	470* 14	80	109.9	4.13	4	SS400		
1	D-SPL	PL	470* 14	245	109.9	12.7	13	SS400		
66	D-SPL	TCB	M 22* 75			0.538	36	S10T		
36	D-SPL	HTB	M 22* 80			0.585	21	F10T		
4	UR-SPL-O	PL	155* 10	320	78.50	3.89	16	SS400		
16	UR-SPL-O	TCB	M 22* 65			0.508	8	S10T		
2	COV	PL	120* 6	460	47.10	2.60	5	SS400		
2	COV-O	RB	13 φ	280	1.040	0.291	1	SS400		
16	COV	BN	M 12* 35			0.073	1	SS400		1-W,HDG
4	PR-SPL	PL	175* 18	620	141.3	15.3	61	SS400		
32	PR-SPL	TCB	M 22* 95			0.598	19	S10T		

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JL6C-JL7	311 kg
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APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J1 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	2975	70.65	98.8	99	SS400		
1	D-SPL	PL	470* 14	223	109.9	11.5	12	SS400		
5	D-SPL	PL	470* 14	230	109.9	11.9	60	SS400		
4	D-SPL	PL	470* 14	80	109.9	4.13	17	SS400		
1	D-SPL	PL	470* 14	155	109.9	8.01	8	SS400		
48	D-SPL	TCB	M 22* 75			0.538	26	S10T		
96	D-SPL	HTB	M 22* 80			0.585	56	F10T		
10	UR-SPL-I	PL	155* 10	320	78.50	3.89	39	SS400		
40	UR-SPL-I	TCB	M 22* 65			0.508	20	S10T		
5	COV	PL	120* 6	460	47.10	2.60	13	SS400		
5	COV-I	RB	13 ϕ	280	1.040	0.291	1	SS400		
40	COV	BN	M 12* 35			0.073	3	SS400		1-W,HDG
JL7-JL8							354 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J1 JL8-RR1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	970	70.65	32.2	32	SS400		
1	D-SPL-U	PL	470* 9	305	70.65	10.1	10	SS400		
1	D-SPL	PL	470* 14	270	109.9	13.9	14	SS400		
2	D-SPL	PL	470* 14	250	109.9	12.9	26	SS400		
1	D-SPL	PL	470* 14	245	109.9	12.7	13	SS400		
66	D-SPL	TCB	M 22* 75			0.538	36	S10T		
1	ST-SPL	PL	255* 9	320	70.65	5.77	6	SS400		
1	ST-SPL	PL	335* 16	320	125.6	13.5	14	SS400		
12	ST-SPL	TCB	M 22* 70			0.523	6	S10T		
2	ST-SPL	PL	80* 9	320	70.65	1.81	4	SS400		
4	ST-SPL	TCB	M 22* 65			0.508	2	S10T		
6	PR-SPL	PL	175* 18	620	141.3	15.3	92	SS400		
48	PR-SPL	TCB	M 22* 95			0.598	29	S10T		
JL8-RR1							284 kg			
J1							3746 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J2 LL1-JL1										
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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	970	70.65	32.2	32	SS400		
1	D-SPL-U	PL	470* 9	305	70.65	10.1	10	SS400		
1	D-SPL	PL	470* 14	270	109.9	13.9	14	SS400		
2	D-SPL	PL	470* 14	250	109.9	12.9	26	SS400		
1	D-SPL	PL	470* 14	245	109.9	12.7	13	SS400		
66	D-SPL	TCB	M 22* 75			0.538	36	S10T		
1	ST-SPL	PL	255* 9	320	70.65	5.77	6	SS400		
1	ST-SPL	PL	335* 16	320	125.6	13.5	14	SS400		
12	ST-SPL	TCB	M 22* 70			0.523	6	S10T		
2	ST-SPL	PL	80* 9	320	70.65	1.81	4	SS400		
4	ST-SPL	TCB	M 22* 65			0.508	2	S10T		
6	PR-SPL	PL	175* 18	620	141.3	15.3	92	SS400		
48	PR-SPL	TCB	M 22* 95			0.598	29	S10T		
LL1-JL1							284 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J2 JL1-JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	2975	70.65	98.8	99	SS400		
1	D-SPL	PL	470* 14	223	109.9	11.5	12	SS400		
5	D-SPL	PL	470* 14	230	109.9	11.9	60	SS400		
4	D-SPL	PL	470* 14	80	109.9	4.13	17	SS400		
1	D-SPL	PL	470* 14	155	109.9	8.01	8	SS400		
48	D-SPL	TCB	M 22* 75			0.538	26	S10T		
96	D-SPL	HTB	M 22* 80			0.585	56	F10T		
10	UR-SPL-I	PL	155* 10	320	78.50	3.89	39	SS400		
40	UR-SPL-I	TCB	M 22* 65			0.508	20	S10T		
5	COV	PL	120* 6	460	47.10	2.60	13	SS400		
5	COV-I	RB	13 ϕ	280	1.040	0.291	1	SS400		
40	COV	BN	M 12* 35			0.073	3	SS400		1-W,HDG
JL1-JL2							354 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J2 JL2-JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	980	70.65	32.5	32	SS400		
2	D-SPL-U	PL	470* 9	305	70.65	10.1	20	SS400		
2	D-SPL	PL	470* 14	245	109.9	12.7	25	SS400		
2	D-SPL	PL	470* 14	230	109.9	11.9	24	SS400		
2	D-SPL	PL	470* 14	80	109.9	4.13	8	SS400		
36	D-SPL	TCB	M 22* 75			0.538	19	S10T		

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36	D-SPL	HTB	M 22* 80			0.585	21	F10T		
4	UR-SPL-O	PL	155* 10	320	78.50	3.89	16	SS400		
16	UR-SPL-O	TCB	M 22* 65			0.508	8	S10T		
2	COV	PL	120* 6	460	47.10	2.60	5	SS400		
2	COV-O	RB	13 φ	280	1.040	0.291	1	SS400		
16	COV	BN	M 12* 35			0.073	1	SS400		1-W,HDG
2	PR-SPL	PL	175* 18	620	141.3	15.3	31	SS400		
16	PR-SPL	TCB	M 22* 95			0.598	10	S10T		
JL2-JL3							221 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J2 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	2690	70.65	89.3	89	SS400		
2	D-SPL	PL	470* 14	155	109.9	8.01	16	SS400		
7	D-SPL	PL	470* 14	230	109.9	11.9	83	SS400		
78	D-SPL	TCB	M 22* 75			0.538	42	S10T		
72	D-SPL	HTB	M 22* 80			0.585	42	F10T		
8	UR-SPL-I	PL	155* 10	320	78.50	3.89	31	SS400		
32	UR-SPL-I	TCB	M 22* 65			0.508	16	S10T		
4	COV	PL	120* 6	460	47.10	2.60	10	SS400		
4	COV-I	RB	13 φ	280	1.040	0.291	1	SS400		
32	COV	BN	M 12* 35			0.073	2	SS400		1-W,HDG
JL3-JL4							332 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J2 JL4-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	2630	70.65	87.3	87	SS400		
2	D-SPL-U	PL	470* 9	305	70.65	10.1	20	SS400		
2	D-SPL	PL	470* 14	245	109.9	12.7	25	SS400		
4	D-SPL	PL	470* 14	230	109.9	11.9	48	SS400		
4	D-SPL	PL	470* 14	280	109.9	14.5	58	SS400		
132	D-SPL	TCB	M 22* 75			0.538	71	S10T		
36	D-SPL	HTB	M 22* 80			0.585	21	F10T		
4	UR-SPL-O	PL	155* 10	320	78.50	3.89	16	SS400		
16	UR-SPL-O	TCB	M 22* 65			0.508	8	S10T		
2	COV	PL	120* 6	460	47.10	2.60	5	SS400		
2	COV-O	RB	13 φ	280	1.040	0.291	1	SS400		
16	COV	BN	M 12* 35			0.073	1	SS400		1-W,HDG
10	PR-SPL	PL	175* 18	620	141.3	15.3	153	SS400		
80	PR-SPL	TCB	M 22* 95			0.598	48	S10T		

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JL4-JL5	562 kg
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APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J2 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	2690	70.65	89.3	89	SS400		
2	D-SPL	PL	470* 14	155	109.9	8.01	16	SS400		
7	D-SPL	PL	470* 14	230	109.9	11.9	83	SS400		
78	D-SPL	TCB	M 22* 75			0.538	42	S10T		
72	D-SPL	HTB	M 22* 80			0.585	42	F10T		
8	UR-SPL-I	PL	155* 10	320	78.50	3.89	31	SS400		
32	UR-SPL-I	TCB	M 22* 65			0.508	16	S10T		
4	COV	PL	120* 6	460	47.10	2.60	10	SS400		
4	COV-I	RB	13 φ	280	1.040	0.291	1	SS400		
32	COV	BN	M 12* 35			0.073	2	SS400		1-W,HDG
JL5-JL6							332 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J2 JL6-JL6A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	305	70.65	10.1	10	SS400		
1	D-SPL-U	PL	470* 9	1570	70.65	52.1	52	SS400		
1	D-SPL-U	PL	470* 9	290	70.65	9.63	10	SS400		
1	D-SPL	PL	470* 14	245	109.9	12.7	13	SS400		
6	D-SPL	PL	470* 14	230	109.9	11.9	71	SS400		
60	D-SPL	TCB	M 22* 75			0.538	32	S10T		
54	D-SPL	HTB	M 22* 80			0.585	32	F10T		
6	UR-SPL-O	PL	155* 10	320	78.50	3.89	23	SS400		
24	UR-SPL-O	TCB	M 22* 65			0.508	12	S10T		
3	COV	PL	120* 6	460	47.10	2.60	8	SS400		
3	COV-O	RB	13 φ	280	1.040	0.291	1	SS400		
24	COV	BN	M 12* 35			0.073	2	SS400		1-W,HDG
JL6-JL6A							266 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J2 JL6A-JL6B										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	1570	70.65	52.1	52	SS400		
5	D-SPL	PL	470* 14	230	109.9	11.9	60	SS400		
36	D-SPL	TCB	M 22* 75			0.538	19	S10T		
54	D-SPL	HTB	M 22* 80			0.585	32	F10T		

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6	UR-SPL-O	PL	155* 10	320	78.50	3.89	23	SS400		
24	UR-SPL-O	TCB	M 22* 65			0.508	12	S10T		
3	COV	PL	120* 6	460	47.10	2.60	8	SS400		
3	COV-O	RB	13 φ	280	1.040	0.291	1	SS400		
24	COV	BN	M 12* 35			0.073	2	SS400		1-W,HDG
JL6A-JL6B							209 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J2 JL6B-JL6C										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	290	70.65	9.63	10	SS400		
1	D-SPL-U	PL	470* 9	1570	70.65	52.1	52	SS400		
6	D-SPL	PL	470* 14	230	109.9	11.9	71	SS400		
48	D-SPL	TCB	M 22* 75			0.538	26	S10T		
54	D-SPL	HTB	M 22* 80			0.585	32	F10T		
JL6B-JL6C							191 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J2 JL6C-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	290	70.65	9.63	10	SS400		
1	D-SPL-U	PL	470* 9	977	70.65	32.4	32	SS400		
1	D-SPL-U	PL	470* 9	305	70.65	10.1	10	SS400		
2	D-SPL	PL	470* 14	230	109.9	11.9	24	SS400		
1	D-SPL	PL	470* 14	184	109.9	9.50	10	SS400		
2	D-SPL	PL	470* 14	80	109.9	4.13	8	SS400		
1	D-SPL	PL	470* 14	245	109.9	12.7	13	SS400		
48	D-SPL	TCB	M 22* 75			0.538	26	S10T		
18	D-SPL	HTB	M 22* 80			0.585	11	F10T		
8	UR-SPL-O	PL	155* 10	320	78.50	3.89	31	SS400		
32	UR-SPL-O	TCB	M 22* 65			0.508	16	S10T		
4	COV	PL	120* 6	460	47.10	2.60	10	SS400		
4	COV-O	RB	13 φ	280	1.040	0.291	1	SS400		
32	COV	BN	M 12* 35			0.073	2	SS400		1-W,HDG
6	PR-SPL	PL	175* 18	620	141.3	15.3	92	SS400		
48	PR-SPL	TCB	M 22* 95			0.598	29	S10T		
JL6C-JL7							325 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J2 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks

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1	D-SPL-U	PL	470* 9	2975	70.65	98.8	99	SS400		
1	D-SPL	PL	470* 14	223	109.9	11.5	12	SS400		
5	D-SPL	PL	470* 14	230	109.9	11.9	60	SS400		
4	D-SPL	PL	470* 14	80	109.9	4.13	17	SS400		
1	D-SPL	PL	470* 14	155	109.9	8.01	8	SS400		
48	D-SPL	TCB	M 22* 75			0.538	26	S10T		
96	D-SPL	HTB	M 22* 80			0.585	56	F10T		
10	UR-SPL-I	PL	155* 10	320	78.50	3.89	39	SS400		
40	UR-SPL-I	TCB	M 22* 65			0.508	20	S10T		
5	COV	PL	120* 6	460	47.10	2.60	13	SS400		
5	COV-I	RB	13 φ	280	1.040	0.291	1	SS400		
40	COV	BN	M 12* 35			0.073	3	SS400		1-W,HDG
JL7-JL8								354 kg		

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J2 JL8-RR1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	970	70.65	32.2	32	SS400		
1	D-SPL-U	PL	470* 9	305	70.65	10.1	10	SS400		
1	D-SPL	PL	470* 14	270	109.9	13.9	14	SS400		
2	D-SPL	PL	470* 14	250	109.9	12.9	26	SS400		
1	D-SPL	PL	470* 14	245	109.9	12.7	13	SS400		
66	D-SPL	TCB	M 22* 75			0.538	36	S10T		
1	ST-SPL	PL	255* 9	320	70.65	5.77	6	SS400		
1	ST-SPL	PL	335* 16	320	125.6	13.5	14	SS400		
12	ST-SPL	TCB	M 22* 70			0.523	6	S10T		
2	ST-SPL	PL	80* 9	320	70.65	1.81	4	SS400		
4	ST-SPL	TCB	M 22* 65			0.508	2	S10T		
6	PR-SPL	PL	175* 18	620	141.3	15.3	92	SS400		
48	PR-SPL	TCB	M 22* 95			0.598	29	S10T		
JL8-RR1								284 kg		
J2								3714 kg		

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J3 LL1-JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	970	70.65	32.2	32	SS400		
1	D-SPL-U	PL	470* 9	305	70.65	10.1	10	SS400		
1	D-SPL	PL	470* 14	270	109.9	13.9	14	SS400		
2	D-SPL	PL	470* 14	250	109.9	12.9	26	SS400		
1	D-SPL	PL	470* 14	245	109.9	12.7	13	SS400		

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66	D-SPL	TCB	M 22* 75			0.538	36	S10T		
1	ST-SPL	PL	255* 9	320	70.65	5.77	6	SS400		
1	ST-SPL	PL	335* 16	320	125.6	13.5	14	SS400		
12	ST-SPL	TCB	M 22* 70			0.523	6	S10T		
2	ST-SPL	PL	80* 9	320	70.65	1.81	4	SS400		
4	ST-SPL	TCB	M 22* 65			0.508	2	S10T		
6	PR-SPL	PL	175* 18	620	141.3	15.3	92	SS400		
48	PR-SPL	TCB	M 22* 95			0.598	29	S10T		
LL1-JL1							284 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J3 JL1-JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	2975	70.65	98.8	99	SS400		
1	D-SPL	PL	470* 14	223	109.9	11.5	12	SS400		
5	D-SPL	PL	470* 14	230	109.9	11.9	60	SS400		
4	D-SPL	PL	470* 14	80	109.9	4.13	17	SS400		
1	D-SPL	PL	470* 14	155	109.9	8.01	8	SS400		
48	D-SPL	TCB	M 22* 75			0.538	26	S10T		
96	D-SPL	HTB	M 22* 80			0.585	56	F10T		
10	UR-SPL-I	PL	155* 10	320	78.50	3.89	39	SS400		
40	UR-SPL-I	TCB	M 22* 65			0.508	20	S10T		
5	COV	PL	120* 6	460	47.10	2.60	13	SS400		
5	COV-I	RB	13 ϕ	280	1.040	0.291	1	SS400		
40	COV	BN	M 12* 35			0.073	3	SS400		1-W,HDG
JL1-JL2							354 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J3 JL2-JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	980	70.65	32.5	32	SS400		
2	D-SPL-U	PL	470* 9	305	70.65	10.1	20	SS400		
2	D-SPL	PL	470* 14	245	109.9	12.7	25	SS400		
2	D-SPL	PL	470* 14	230	109.9	11.9	24	SS400		
2	D-SPL	PL	470* 14	80	109.9	4.13	8	SS400		
36	D-SPL	TCB	M 22* 75			0.538	19	S10T		
36	D-SPL	HTB	M 22* 80			0.585	21	F10T		
4	UR-SPL-O	PL	155* 10	320	78.50	3.89	16	SS400		
16	UR-SPL-O	TCB	M 22* 65			0.508	8	S10T		
2	COV	PL	120* 6	460	47.10	2.60	5	SS400		
2	COV-O	RB	13 ϕ	280	1.040	0.291	1	SS400		
16	COV	BN	M 12* 35			0.073	1	SS400		1-W,HDG

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2	PR-SPL	PL	175* 18	620	141.3	15.3	31	SS400		
16	PR-SPL	TCB	M 22* 95			0.598	10	S10T		
JL2-JL3							221 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J3 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	2690	70.65	89.3	89	SS400		
2	D-SPL	PL	470* 14	155	109.9	8.01	16	SS400		
7	D-SPL	PL	470* 14	230	109.9	11.9	83	SS400		
78	D-SPL	TCB	M 22* 75			0.538	42	S10T		
72	D-SPL	HTB	M 22* 80			0.585	42	F10T		
8	UR-SPL-I	PL	155* 10	320	78.50	3.89	31	SS400		
32	UR-SPL-I	TCB	M 22* 65			0.508	16	S10T		
4	COV	PL	120* 6	460	47.10	2.60	10	SS400		
4	COV-I	RB	13 ϕ	280	1.040	0.291	1	SS400		
32	COV	BN	M 12* 35			0.073	2	SS400		1-W,HDG
JL3-JL4							332 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J3 JL4-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	2630	70.65	87.3	87	SS400		
2	D-SPL-U	PL	470* 9	305	70.65	10.1	20	SS400		
2	D-SPL	PL	470* 14	245	109.9	12.7	25	SS400		
4	D-SPL	PL	470* 14	230	109.9	11.9	48	SS400		
4	D-SPL	PL	470* 14	280	109.9	14.5	58	SS400		
132	D-SPL	TCB	M 22* 75			0.538	71	S10T		
36	D-SPL	HTB	M 22* 80			0.585	21	F10T		
4	UR-SPL-O	PL	155* 10	320	78.50	3.89	16	SS400		
16	UR-SPL-O	TCB	M 22* 65			0.508	8	S10T		
2	COV	PL	120* 6	460	47.10	2.60	5	SS400		
2	COV-O	RB	13 ϕ	280	1.040	0.291	1	SS400		
16	COV	BN	M 12* 35			0.073	1	SS400		1-W,HDG
10	PR-SPL	PL	175* 18	620	141.3	15.3	153	SS400		
80	PR-SPL	TCB	M 22* 95			0.598	48	S10T		
JL4-JL5							562 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J3 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks

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1	D-SPL-U	PL	470* 9	2690	70.65	89.3	89	SS400		
2	D-SPL	PL	470* 14	155	109.9	8.01	16	SS400		
7	D-SPL	PL	470* 14	230	109.9	11.9	83	SS400		
78	D-SPL	TCB	M 22* 75			0.538	42	S10T		
72	D-SPL	HTB	M 22* 80			0.585	42	F10T		
8	UR-SPL-I	PL	155* 10	320	78.50	3.89	31	SS400		
32	UR-SPL-I	TCB	M 22* 65			0.508	16	S10T		
4	COV	PL	120* 6	460	47.10	2.60	10	SS400		
4	COV-I	RB	13 φ	280	1.040	0.291	1	SS400		
32	COV	BN	M 12* 35			0.073	2	SS400		1-W,HDG
JL5-JL6										332 kg

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J3 JL6-JL6A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	305	70.65	10.1	10	SS400		
1	D-SPL-U	PL	470* 9	1570	70.65	52.1	52	SS400		
1	D-SPL-U	PL	470* 9	290	70.65	9.63	10	SS400		
1	D-SPL	PL	470* 14	245	109.9	12.7	13	SS400		
6	D-SPL	PL	470* 14	230	109.9	11.9	71	SS400		
60	D-SPL	TCB	M 22* 75			0.538	32	S10T		
54	D-SPL	HTB	M 22* 80			0.585	32	F10T		
6	UR-SPL-O	PL	155* 10	320	78.50	3.89	23	SS400		
24	UR-SPL-O	TCB	M 22* 65			0.508	12	S10T		
3	COV	PL	120* 6	460	47.10	2.60	8	SS400		
3	COV-O	RB	13 φ	280	1.040	0.291	1	SS400		
24	COV	BN	M 12* 35			0.073	2	SS400		1-W,HDG
JL6-JL6A										266 kg

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J3 JL6A-JL6B										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	1570	70.65	52.1	52	SS400		
5	D-SPL	PL	470* 14	230	109.9	11.9	60	SS400		
36	D-SPL	TCB	M 22* 75			0.538	19	S10T		
54	D-SPL	HTB	M 22* 80			0.585	32	F10T		
6	UR-SPL-O	PL	155* 10	320	78.50	3.89	23	SS400		
24	UR-SPL-O	TCB	M 22* 65			0.508	12	S10T		
3	COV	PL	120* 6	460	47.10	2.60	8	SS400		
3	COV-O	RB	13 φ	280	1.040	0.291	1	SS400		
24	COV	BN	M 12* 35			0.073	2	SS400		1-W,HDG

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JL6A-JL6B	209 kg
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APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J3 JL6B-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	290	70.65	9.63	10	SS400		
1	D-SPL-U	PL	470* 9	2492	70.65	82.7	83	SS400		
1	D-SPL-U	PL	470* 9	305	70.65	10.1	10	SS400		
7	D-SPL	PL	470* 14	230	109.9	11.9	83	SS400		
3	D-SPL	PL	470* 14	80	109.9	4.13	12	SS400		
1	D-SPL	PL	470* 14	245	109.9	12.7	13	SS400		
78	D-SPL	TCB	M 22* 75			0.538	42	S10T		
72	D-SPL	HTB	M 22* 80			0.585	42	F10T		
8	UR-SPL-O	PL	155* 10	320	78.50	3.89	31	SS400		
32	UR-SPL-O	TCB	M 22* 65			0.508	16	S10T		
4	COV	PL	120* 6	460	47.10	2.60	10	SS400		
4	COV-O	RB	13 φ	280	1.040	0.291	1	SS400		
32	COV	BN	M 12* 35			0.073	2	SS400		1-W,HDG
4	PR-SPL	PL	175* 18	620	141.3	15.3	61	SS400		
32	PR-SPL	TCB	M 22* 95			0.598	19	S10T		
JL6B-JL7							435 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J3 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	2975	70.65	98.8	99	SS400		
1	D-SPL	PL	470* 14	223	109.9	11.5	12	SS400		
5	D-SPL	PL	470* 14	230	109.9	11.9	60	SS400		
4	D-SPL	PL	470* 14	80	109.9	4.13	17	SS400		
1	D-SPL	PL	470* 14	155	109.9	8.01	8	SS400		
48	D-SPL	TCB	M 22* 75			0.538	26	S10T		
96	D-SPL	HTB	M 22* 80			0.585	56	F10T		
10	UR-SPL-I	PL	155* 10	320	78.50	3.89	39	SS400		
40	UR-SPL-I	TCB	M 22* 65			0.508	20	S10T		
5	COV	PL	120* 6	460	47.10	2.60	13	SS400		
5	COV-I	RB	13 φ	280	1.040	0.291	1	SS400		
40	COV	BN	M 12* 35			0.073	3	SS400		1-W,HDG
JL7-JL8							354 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J3 JL8-RR1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks

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1	D-SPL-U	PL	470* 9	970	70.65	32.2	32	SS400		
1	D-SPL-U	PL	470* 9	305	70.65	10.1	10	SS400		
1	D-SPL	PL	470* 14	270	109.9	13.9	14	SS400		
2	D-SPL	PL	470* 14	250	109.9	12.9	26	SS400		
1	D-SPL	PL	470* 14	245	109.9	12.7	13	SS400		
66	D-SPL	TCB	M 22* 75			0.538	36	S10T		
1	ST-SPL	PL	255* 9	320	70.65	5.77	6	SS400		
1	ST-SPL	PL	335* 16	320	125.6	13.5	14	SS400		
12	ST-SPL	TCB	M 22* 70			0.523	6	S10T		
2	ST-SPL	PL	80* 9	320	70.65	1.81	4	SS400		
4	ST-SPL	TCB	M 22* 65			0.508	2	S10T		
6	PR-SPL	PL	175* 18	620	141.3	15.3	92	SS400		
48	PR-SPL	TCB	M 22* 95			0.598	29	S10T		
JL8-RR1							284 kg			
J3							3633 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J4 LL1-JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	970	70.65	32.2	32	SS400		
1	D-SPL-U	PL	470* 9	305	70.65	10.1	10	SS400		
1	D-SPL	PL	470* 14	270	109.9	13.9	14	SS400		
2	D-SPL	PL	470* 14	250	109.9	12.9	26	SS400		
1	D-SPL	PL	470* 14	245	109.9	12.7	13	SS400		
66	D-SPL	TCB	M 22* 75			0.538	36	S10T		
1	ST-SPL	PL	255* 9	320	70.65	5.77	6	SS400		
1	ST-SPL	PL	335* 16	320	125.6	13.5	14	SS400		
12	ST-SPL	TCB	M 22* 70			0.523	6	S10T		
2	ST-SPL	PL	80* 9	320	70.65	1.81	4	SS400		
4	ST-SPL	TCB	M 22* 65			0.508	2	S10T		
6	PR-SPL	PL	175* 18	620	141.3	15.3	92	SS400		
48	PR-SPL	TCB	M 22* 95			0.598	29	S10T		
LL1-JL1							284 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J4 JL1-JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	2975	70.65	98.8	99	SS400		
1	D-SPL	PL	470* 14	223	109.9	11.5	12	SS400		
5	D-SPL	PL	470* 14	230	109.9	11.9	60	SS400		
4	D-SPL	PL	470* 14	80	109.9	4.13	17	SS400		

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1	D-SPL	PL	470* 14	155	109.9	8.01	8	SS400		
48	D-SPL	TCB	M 22* 75			0.538	26	S10T		
96	D-SPL	HTB	M 22* 80			0.585	56	F10T		
10	UR-SPL-I	PL	155* 10	320	78.50	3.89	39	SS400		
40	UR-SPL-I	TCB	M 22* 65			0.508	20	S10T		
5	COV	PL	120* 6	460	47.10	2.60	13	SS400		
5	COV-I	RB	13 φ	280	1.040	0.291	1	SS400		
40	COV	BN	M 12* 35			0.073	3	SS400		1-W,HDG
JL1-JL2							354 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J4 JL2-JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	980	70.65	32.5	32	SS400		
2	D-SPL-U	PL	470* 9	305	70.65	10.1	20	SS400		
2	D-SPL	PL	470* 14	245	109.9	12.7	25	SS400		
2	D-SPL	PL	470* 14	230	109.9	11.9	24	SS400		
2	D-SPL	PL	470* 14	80	109.9	4.13	8	SS400		
36	D-SPL	TCB	M 22* 75			0.538	19	S10T		
36	D-SPL	HTB	M 22* 80			0.585	21	F10T		
4	UR-SPL-O	PL	155* 10	320	78.50	3.89	16	SS400		
16	UR-SPL-O	TCB	M 22* 65			0.508	8	S10T		
2	COV	PL	120* 6	460	47.10	2.60	5	SS400		
2	COV-O	RB	13 φ	280	1.040	0.291	1	SS400		
16	COV	BN	M 12* 35			0.073	1	SS400		1-W,HDG
2	PR-SPL	PL	175* 18	620	141.3	15.3	31	SS400		
16	PR-SPL	TCB	M 22* 95			0.598	10	S10T		
JL2-JL3							221 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J4 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	2690	70.65	89.3	89	SS400		
2	D-SPL	PL	470* 14	155	109.9	8.01	16	SS400		
7	D-SPL	PL	470* 14	230	109.9	11.9	83	SS400		
78	D-SPL	TCB	M 22* 75			0.538	42	S10T		
72	D-SPL	HTB	M 22* 80			0.585	42	F10T		
8	UR-SPL-I	PL	155* 10	320	78.50	3.89	31	SS400		
32	UR-SPL-I	TCB	M 22* 65			0.508	16	S10T		
4	COV	PL	120* 6	460	47.10	2.60	10	SS400		
4	COV-I	RB	13 φ	280	1.040	0.291	1	SS400		
32	COV	BN	M 12* 35			0.073	2	SS400		1-W,HDG

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JL3-JL4	332 kg
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APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J4 JL4-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	2630	70.65	87.3	87	SS400		
2	D-SPL-U	PL	470* 9	305	70.65	10.1	20	SS400		
2	D-SPL	PL	470* 14	245	109.9	12.7	25	SS400		
4	D-SPL	PL	470* 14	230	109.9	11.9	48	SS400		
4	D-SPL	PL	470* 14	280	109.9	14.5	58	SS400		
132	D-SPL	TCB	M 22* 75			0.538	71	S10T		
36	D-SPL	HTB	M 22* 80			0.585	21	F10T		
4	UR-SPL-O	PL	155* 10	320	78.50	3.89	16	SS400		
16	UR-SPL-O	TCB	M 22* 65			0.508	8	S10T		
2	COV	PL	120* 6	460	47.10	2.60	5	SS400		
2	COV-O	RB	13 φ	280	1.040	0.291	1	SS400		
16	COV	BN	M 12* 35			0.073	1	SS400		1-W,HDG
10	PR-SPL	PL	175* 18	620	141.3	15.3	153	SS400		
80	PR-SPL	TCB	M 22* 95			0.598	48	S10T		
JL4-JL5							562 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J4 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	2690	70.65	89.3	89	SS400		
2	D-SPL	PL	470* 14	155	109.9	8.01	16	SS400		
7	D-SPL	PL	470* 14	230	109.9	11.9	83	SS400		
78	D-SPL	TCB	M 22* 75			0.538	42	S10T		
72	D-SPL	HTB	M 22* 80			0.585	42	F10T		
8	UR-SPL-I	PL	155* 10	320	78.50	3.89	31	SS400		
32	UR-SPL-I	TCB	M 22* 65			0.508	16	S10T		
4	COV	PL	120* 6	460	47.10	2.60	10	SS400		
4	COV-I	RB	13 φ	280	1.040	0.291	1	SS400		
32	COV	BN	M 12* 35			0.073	2	SS400		1-W,HDG
JL5-JL6							332 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J4 JL6-JL6A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	305	70.65	10.1	10	SS400		
1	D-SPL-U	PL	470* 9	1570	70.65	52.1	52	SS400		

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1	D-SPL-U	PL	470* 9	290	70.65	9.63	10	SS400		
1	D-SPL	PL	470* 14	245	109.9	12.7	13	SS400		
6	D-SPL	PL	470* 14	230	109.9	11.9	71	SS400		
60	D-SPL	TCB	M 22* 75			0.538	32	S10T		
54	D-SPL	HTB	M 22* 80			0.585	32	F10T		
6	UR-SPL-O	PL	155* 10	320	78.50	3.89	23	SS400		
24	UR-SPL-O	TCB	M 22* 65			0.508	12	S10T		
3	COV	PL	120* 6	460	47.10	2.60	8	SS400		
3	COV-O	RB	13 φ	280	1.040	0.291	1	SS400		
24	COV	BN	M 12* 35			0.073	2	SS400		1-W,HDG
JL6-JL6A										266 kg

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J4 JL6A-JL6B										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	1570	70.65	52.1	52	SS400		
5	D-SPL	PL	470* 14	230	109.9	11.9	60	SS400		
36	D-SPL	TCB	M 22* 75			0.538	19	S10T		
54	D-SPL	HTB	M 22* 80			0.585	32	F10T		
6	UR-SPL-O	PL	155* 10	320	78.50	3.89	23	SS400		
24	UR-SPL-O	TCB	M 22* 65			0.508	12	S10T		
3	COV	PL	120* 6	460	47.10	2.60	8	SS400		
3	COV-O	RB	13 φ	280	1.040	0.291	1	SS400		
24	COV	BN	M 12* 35			0.073	2	SS400		1-W,HDG
JL6A-JL6B										209 kg

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J4 JL6B-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	290	70.65	9.63	10	SS400		
1	D-SPL-U	PL	470* 9	2133	70.65	70.9	71	SS400		
1	D-SPL-U	PL	470* 9	305	70.65	10.1	10	SS400		
6	D-SPL	PL	470* 14	230	109.9	11.9	71	SS400		
3	D-SPL	PL	470* 14	80	109.9	4.13	12	SS400		
1	D-SPL	PL	470* 14	245	109.9	12.7	13	SS400		
78	D-SPL	TCB	M 22* 75			0.538	42	S10T		
54	D-SPL	HTB	M 22* 80			0.585	32	F10T		
6	UR-SPL-O	PL	155* 10	320	78.50	3.89	23	SS400		
24	UR-SPL-O	TCB	M 22* 65			0.508	12	S10T		
3	COV	PL	120* 6	460	47.10	2.60	8	SS400		
3	COV-O	RB	13 φ	280	1.040	0.291	1	SS400		
24	COV	BN	M 12* 35			0.073	2	SS400		1-W,HDG

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6	PR-SPL	PL	175* 18	620	141.3	15.3	92	SS400		
48	PR-SPL	TCB	M 22* 95			0.598	29	S10T		
JL6B-JL7							428 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J4 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	2975	70.65	98.8	99	SS400		
1	D-SPL	PL	470* 14	223	109.9	11.5	12	SS400		
5	D-SPL	PL	470* 14	230	109.9	11.9	60	SS400		
4	D-SPL	PL	470* 14	80	109.9	4.13	17	SS400		
1	D-SPL	PL	470* 14	155	109.9	8.01	8	SS400		
48	D-SPL	TCB	M 22* 75			0.538	26	S10T		
96	D-SPL	HTB	M 22* 80			0.585	56	F10T		
10	UR-SPL-I	PL	155* 10	320	78.50	3.89	39	SS400		
40	UR-SPL-I	TCB	M 22* 65			0.508	20	S10T		
5	COV	PL	120* 6	460	47.10	2.60	13	SS400		
5	COV-I	RB	13 φ	280	1.040	0.291	1	SS400		
40	COV	BN	M 12* 35			0.073	3	SS400		1-W,HDG
JL7-JL8							354 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J4 JL8-RR1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	970	70.65	32.2	32	SS400		
1	D-SPL-U	PL	470* 9	305	70.65	10.1	10	SS400		
1	D-SPL	PL	470* 14	270	109.9	13.9	14	SS400		
2	D-SPL	PL	470* 14	250	109.9	12.9	26	SS400		
1	D-SPL	PL	470* 14	245	109.9	12.7	13	SS400		
66	D-SPL	TCB	M 22* 75			0.538	36	S10T		
1	ST-SPL	PL	255* 9	320	70.65	5.77	6	SS400		
1	ST-SPL	PL	335* 16	320	125.6	13.5	14	SS400		
12	ST-SPL	TCB	M 22* 70			0.523	6	S10T		
2	ST-SPL	PL	80* 9	320	70.65	1.81	4	SS400		
4	ST-SPL	TCB	M 22* 65			0.508	2	S10T		
6	PR-SPL	PL	175* 18	620	141.3	15.3	92	SS400		
48	PR-SPL	TCB	M 22* 95			0.598	29	S10T		
JL8-RR1							284 kg			
J4							3626 kg			

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APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J5 LL1-JL1											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	D-SPL-U	PL	470* 9	970	70.65	32.2	32	SS400			
1	D-SPL-U	PL	470* 9	305	70.65	10.1	10	SS400			
1	D-SPL	PL	470* 14	270	109.9	13.9	14	SS400			
2	D-SPL	PL	470* 14	250	109.9	12.9	26	SS400			
1	D-SPL	PL	470* 14	245	109.9	12.7	13	SS400			
66	D-SPL	TCB	M 22* 75			0.538	36	S10T			
1	ST-SPL	PL	255* 9	320	70.65	5.77	6	SS400			
1	ST-SPL	PL	335* 16	320	125.6	13.5	14	SS400			
12	ST-SPL	TCB	M 22* 70			0.523	6	S10T			
2	ST-SPL	PL	80* 9	320	70.65	1.81	4	SS400			
4	ST-SPL	TCB	M 22* 65			0.508	2	S10T			
6	PR-SPL	PL	175* 18	620	141.3	15.3	92	SS400			
48	PR-SPL	TCB	M 22* 95			0.598	29	S10T			
							LL1-JL1				284 kg

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J5 JL1-JL2											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	D-SPL-U	PL	470* 9	2975	70.65	98.8	99	SS400			
1	D-SPL	PL	470* 14	223	109.9	11.5	12	SS400			
5	D-SPL	PL	470* 14	230	109.9	11.9	60	SS400			
4	D-SPL	PL	470* 14	80	109.9	4.13	17	SS400			
1	D-SPL	PL	470* 14	155	109.9	8.01	8	SS400			
48	D-SPL	TCB	M 22* 75			0.538	26	S10T			
96	D-SPL	HTB	M 22* 80			0.585	56	F10T			
10	UR-SPL-I	PL	155* 10	320	78.50	3.89	39	SS400			
40	UR-SPL-I	TCB	M 22* 65			0.508	20	S10T			
5	COV	PL	120* 6	460	47.10	2.60	13	SS400			
5	COV-I	RB	13 φ	280	1.040	0.291	1	SS400			
40	COV	BN	M 12* 35			0.073	3	SS400		1-W,HDG	
							JL1-JL2				354 kg

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J5 JL2-JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	980	70.65	32.5	32	SS400		
2	D-SPL-U	PL	470* 9	305	70.65	10.1	20	SS400		
2	D-SPL	PL	470* 14	245	109.9	12.7	25	SS400		
2	D-SPL	PL	470* 14	230	109.9	11.9	24	SS400		

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2	D-SPL	PL	470* 14	80	109.9	4.13	8	SS400		
36	D-SPL	TCB	M 22* 75			0.538	19	S10T		
36	D-SPL	HTB	M 22* 80			0.585	21	F10T		
4	UR-SPL-O	PL	155* 10	320	78.50	3.89	16	SS400		
16	UR-SPL-O	TCB	M 22* 65			0.508	8	S10T		
2	COV	PL	120* 6	460	47.10	2.60	5	SS400		
2	COV-O	RB	13 φ	280	1.040	0.291	1	SS400		
16	COV	BN	M 12* 35			0.073	1	SS400		1-W,HDG
2	PR-SPL	PL	175* 18	620	141.3	15.3	31	SS400		
16	PR-SPL	TCB	M 22* 95			0.598	10	S10T		
JL2-JL3								221 kg		

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J5 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	2690	70.65	89.3	89	SS400		
2	D-SPL	PL	470* 14	155	109.9	8.01	16	SS400		
7	D-SPL	PL	470* 14	230	109.9	11.9	83	SS400		
78	D-SPL	TCB	M 22* 75			0.538	42	S10T		
72	D-SPL	HTB	M 22* 80			0.585	42	F10T		
8	UR-SPL-I	PL	155* 10	320	78.50	3.89	31	SS400		
32	UR-SPL-I	TCB	M 22* 65			0.508	16	S10T		
4	COV	PL	120* 6	460	47.10	2.60	10	SS400		
4	COV-I	RB	13 φ	280	1.040	0.291	1	SS400		
32	COV	BN	M 12* 35			0.073	2	SS400		1-W,HDG
JL3-JL4								332 kg		

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J5 JL4-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	2630	70.65	87.3	87	SS400		
2	D-SPL-U	PL	470* 9	305	70.65	10.1	20	SS400		
2	D-SPL	PL	470* 14	245	109.9	12.7	25	SS400		
4	D-SPL	PL	470* 14	230	109.9	11.9	48	SS400		
4	D-SPL	PL	470* 14	280	109.9	14.5	58	SS400		
132	D-SPL	TCB	M 22* 75			0.538	71	S10T		
36	D-SPL	HTB	M 22* 80			0.585	21	F10T		
4	UR-SPL-O	PL	155* 10	320	78.50	3.89	16	SS400		
16	UR-SPL-O	TCB	M 22* 65			0.508	8	S10T		
2	COV	PL	120* 6	460	47.10	2.60	5	SS400		
2	COV-O	RB	13 φ	280	1.040	0.291	1	SS400		
16	COV	BN	M 12* 35			0.073	1	SS400		1-W,HDG

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10	PR-SPL	PL	175* 18	620	141.3	15.3	153	SS400		
80	PR-SPL	TCB	M 22* 95			0.598	48	S10T		
JL4-JL5							562 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J5 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	2690	70.65	89.3	89	SS400		
2	D-SPL	PL	470* 14	155	109.9	8.01	16	SS400		
7	D-SPL	PL	470* 14	230	109.9	11.9	83	SS400		
78	D-SPL	TCB	M 22* 75			0.538	42	S10T		
72	D-SPL	HTB	M 22* 80			0.585	42	F10T		
8	UR-SPL-I	PL	155* 10	320	78.50	3.89	31	SS400		
32	UR-SPL-I	TCB	M 22* 65			0.508	16	S10T		
4	COV	PL	120* 6	460	47.10	2.60	10	SS400		
4	COV-I	RB	13 φ	280	1.040	0.291	1	SS400		
32	COV	BN	M 12* 35			0.073	2	SS400		1-W,HDG
JL5-JL6							332 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J5 JL6-JL6A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	305	70.65	10.1	10	SS400		
1	D-SPL-U	PL	470* 9	1570	70.65	52.1	52	SS400		
1	D-SPL-U	PL	470* 9	290	70.65	9.63	10	SS400		
1	D-SPL	PL	470* 14	245	109.9	12.7	13	SS400		
6	D-SPL	PL	470* 14	230	109.9	11.9	71	SS400		
60	D-SPL	TCB	M 22* 75			0.538	32	S10T		
54	D-SPL	HTB	M 22* 80			0.585	32	F10T		
6	UR-SPL-O	PL	155* 10	320	78.50	3.89	23	SS400		
24	UR-SPL-O	TCB	M 22* 65			0.508	12	S10T		
3	COV	PL	120* 6	460	47.10	2.60	8	SS400		
3	COV-O	RB	13 φ	280	1.040	0.291	1	SS400		
24	COV	BN	M 12* 35			0.073	2	SS400		1-W,HDG
JL6-JL6A							266 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J5 JL6A-JL6B										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	1570	70.65	52.1	52	SS400		
5	D-SPL	PL	470* 14	230	109.9	11.9	60	SS400		

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36	D-SPL	TCB	M 22* 75			0.538	19	S10T		
54	D-SPL	HTB	M 22* 80			0.585	32	F10T		
6	UR-SPL-O	PL	155* 10	320	78.50	3.89	23	SS400		
24	UR-SPL-O	TCB	M 22* 65			0.508	12	S10T		
3	COV	PL	120* 6	460	47.10	2.60	8	SS400		
3	COV-O	RB	13 φ	280	1.040	0.291	1	SS400		
24	COV	BN	M 12* 35			0.073	2	SS400		1-W,HDG
JL6A-JL6B							209 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J5 JL6B-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	290	70.65	9.63	10	SS400		
1	D-SPL-U	PL	470* 9	1804	70.65	59.9	60	SS400		
1	D-SPL-U	PL	470* 9	305	70.65	10.1	10	SS400		
4	D-SPL	PL	470* 14	230	109.9	11.9	48	SS400		
1	D-SPL	PL	470* 14	250	109.9	12.9	13	SS400		
3	D-SPL	PL	470* 14	80	109.9	4.13	12	SS400		
1	D-SPL	PL	470* 14	245	109.9	12.7	13	SS400		
78	D-SPL	TCB	M 22* 75			0.538	42	S10T		
36	D-SPL	HTB	M 22* 80			0.585	21	F10T		
4	UR-SPL-O	PL	155* 10	320	78.50	3.89	16	SS400		
16	UR-SPL-O	TCB	M 22* 65			0.508	8	S10T		
2	COV	PL	120* 6	460	47.10	2.60	5	SS400		
2	COV-O	RB	13 φ	280	1.040	0.291	1	SS400		
16	COV	BN	M 12* 35			0.073	1	SS400		1-W,HDG
8	PR-SPL	PL	175* 18	620	141.3	15.3	122	SS400		
64	PR-SPL	TCB	M 22* 95			0.598	38	S10T		
JL6B-JL7							420 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J5 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	2975	70.65	98.8	99	SS400		
1	D-SPL	PL	470* 14	223	109.9	11.5	12	SS400		
5	D-SPL	PL	470* 14	230	109.9	11.9	60	SS400		
4	D-SPL	PL	470* 14	80	109.9	4.13	17	SS400		
1	D-SPL	PL	470* 14	155	109.9	8.01	8	SS400		
48	D-SPL	TCB	M 22* 75			0.538	26	S10T		
96	D-SPL	HTB	M 22* 80			0.585	56	F10T		
10	UR-SPL-I	PL	155* 10	320	78.50	3.89	39	SS400		
40	UR-SPL-I	TCB	M 22* 65			0.508	20	S10T		

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5	COV	PL	120* 6	460	47.10	2.60	13	SS400		
5	COV-I	RB	13 φ	280	1.040	0.291	1	SS400		
40	COV	BN	M 12* 35			0.073	3	SS400		1-W,HDG
JL7-JL8							354 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J5 JL8-RR1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	970	70.65	32.2	32	SS400		
1	D-SPL-U	PL	470* 9	305	70.65	10.1	10	SS400		
1	D-SPL	PL	470* 14	270	109.9	13.9	14	SS400		
2	D-SPL	PL	470* 14	250	109.9	12.9	26	SS400		
1	D-SPL	PL	470* 14	245	109.9	12.7	13	SS400		
66	D-SPL	TCB	M 22* 75			0.538	36	S10T		
1	ST-SPL	PL	255* 9	320	70.65	5.77	6	SS400		
1	ST-SPL	PL	335* 16	320	125.6	13.5	14	SS400		
12	ST-SPL	TCB	M 22* 70			0.523	6	S10T		
2	ST-SPL	PL	80* 9	320	70.65	1.81	4	SS400		
4	ST-SPL	TCB	M 22* 65			0.508	2	S10T		
6	PR-SPL	PL	175* 18	620	141.3	15.3	92	SS400		
48	PR-SPL	TCB	M 22* 95			0.598	29	S10T		
JL8-RR1							284 kg			
J5							3618 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J6 LL1-JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	970	70.65	32.2	32	SS400		
1	D-SPL-U	PL	470* 9	305	70.65	10.1	10	SS400		
1	D-SPL	PL	470* 14	270	109.9	13.9	14	SS400		
2	D-SPL	PL	470* 14	250	109.9	12.9	26	SS400		
1	D-SPL	PL	470* 14	245	109.9	12.7	13	SS400		
66	D-SPL	TCB	M 22* 75			0.538	36	S10T		
1	ST-SPL	PL	255* 9	320	70.65	5.77	6	SS400		
1	ST-SPL	PL	335* 16	320	125.6	13.5	14	SS400		
12	ST-SPL	TCB	M 22* 70			0.523	6	S10T		
2	ST-SPL	PL	80* 9	320	70.65	1.81	4	SS400		
4	ST-SPL	TCB	M 22* 65			0.508	2	S10T		
6	PR-SPL	PL	175* 18	620	141.3	15.3	92	SS400		
48	PR-SPL	TCB	M 22* 95			0.598	29	S10T		

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LL1-JL1	284 kg
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APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J6 JL1-JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	2975	70.65	98.8	99	SS400		
1	D-SPL	PL	470* 14	223	109.9	11.5	12	SS400		
5	D-SPL	PL	470* 14	230	109.9	11.9	60	SS400		
4	D-SPL	PL	470* 14	80	109.9	4.13	17	SS400		
1	D-SPL	PL	470* 14	155	109.9	8.01	8	SS400		
48	D-SPL	TCB	M 22* 75			0.538	26	S10T		
96	D-SPL	HTB	M 22* 80			0.585	56	F10T		
10	UR-SPL-I	PL	155* 10	320	78.50	3.89	39	SS400		
40	UR-SPL-I	TCB	M 22* 65			0.508	20	S10T		
5	COV	PL	120* 6	460	47.10	2.60	13	SS400		
5	COV-I	RB	13 ϕ	280	1.040	0.291	1	SS400		
40	COV	BN	M 12* 35			0.073	3	SS400		1-W,HDG
JL1-JL2							354 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J6 JL2-JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	980	70.65	32.5	32	SS400		
2	D-SPL-U	PL	470* 9	305	70.65	10.1	20	SS400		
2	D-SPL	PL	470* 14	245	109.9	12.7	25	SS400		
2	D-SPL	PL	470* 14	230	109.9	11.9	24	SS400		
2	D-SPL	PL	470* 14	80	109.9	4.13	8	SS400		
36	D-SPL	TCB	M 22* 75			0.538	19	S10T		
36	D-SPL	HTB	M 22* 80			0.585	21	F10T		
4	UR-SPL-O	PL	155* 10	320	78.50	3.89	16	SS400		
16	UR-SPL-O	TCB	M 22* 65			0.508	8	S10T		
2	COV	PL	120* 6	460	47.10	2.60	5	SS400		
2	COV-O	RB	13 ϕ	280	1.040	0.291	1	SS400		
16	COV	BN	M 12* 35			0.073	1	SS400		1-W,HDG
2	PR-SPL	PL	175* 18	620	141.3	15.3	31	SS400		
16	PR-SPL	TCB	M 22* 95			0.598	10	S10T		
JL2-JL3							221 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J6 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	2690	70.65	89.3	89	SS400		

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2	D-SPL	PL	470* 14	155	109.9	8.01	16	SS400		
7	D-SPL	PL	470* 14	230	109.9	11.9	83	SS400		
78	D-SPL	TCB	M 22* 75			0.538	42	S10T		
72	D-SPL	HTB	M 22* 80			0.585	42	F10T		
8	UR-SPL-I	PL	155* 10	320	78.50	3.89	31	SS400		
32	UR-SPL-I	TCB	M 22* 65			0.508	16	S10T		
4	COV	PL	120* 6	460	47.10	2.60	10	SS400		
4	COV-I	RB	13 φ	280	1.040	0.291	1	SS400		
32	COV	BN	M 12* 35			0.073	2	SS400		1-W,HDG
JL3-JL4								332 kg		

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J6 JL4-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	2630	70.65	87.3	87	SS400		
2	D-SPL-U	PL	470* 9	305	70.65	10.1	20	SS400		
2	D-SPL	PL	470* 14	245	109.9	12.7	25	SS400		
4	D-SPL	PL	470* 14	230	109.9	11.9	48	SS400		
4	D-SPL	PL	470* 14	280	109.9	14.5	58	SS400		
132	D-SPL	TCB	M 22* 75			0.538	71	S10T		
36	D-SPL	HTB	M 22* 80			0.585	21	F10T		
4	UR-SPL-O	PL	155* 10	320	78.50	3.89	16	SS400		
16	UR-SPL-O	TCB	M 22* 65			0.508	8	S10T		
2	COV	PL	120* 6	460	47.10	2.60	5	SS400		
2	COV-O	RB	13 φ	280	1.040	0.291	1	SS400		
16	COV	BN	M 12* 35			0.073	1	SS400		1-W,HDG
10	PR-SPL	PL	175* 18	620	141.3	15.3	153	SS400		
80	PR-SPL	TCB	M 22* 95			0.598	48	S10T		
JL4-JL5								562 kg		

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J6 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	2690	70.65	89.3	89	SS400		
2	D-SPL	PL	470* 14	155	109.9	8.01	16	SS400		
7	D-SPL	PL	470* 14	230	109.9	11.9	83	SS400		
78	D-SPL	TCB	M 22* 75			0.538	42	S10T		
72	D-SPL	HTB	M 22* 80			0.585	42	F10T		
8	UR-SPL-I	PL	155* 10	320	78.50	3.89	31	SS400		
32	UR-SPL-I	TCB	M 22* 65			0.508	16	S10T		
4	COV	PL	120* 6	460	47.10	2.60	10	SS400		
4	COV-I	RB	13 φ	280	1.040	0.291	1	SS400		

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32	COV	BN	M 12* 35			0.073	2	SS400		1-W,HDG
JL5-JL6						332 kg				

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J6 JL6-JL6A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	305	70.65	10.1	10	SS400		
1	D-SPL-U	PL	470* 9	1570	70.65	52.1	52	SS400		
1	D-SPL-U	PL	470* 9	290	70.65	9.63	10	SS400		
1	D-SPL	PL	470* 14	245	109.9	12.7	13	SS400		
6	D-SPL	PL	470* 14	230	109.9	11.9	71	SS400		
60	D-SPL	TCB	M 22* 75			0.538	32	S10T		
54	D-SPL	HTB	M 22* 80			0.585	32	F10T		
6	UR-SPL-O	PL	155* 10	320	78.50	3.89	23	SS400		
24	UR-SPL-O	TCB	M 22* 65			0.508	12	S10T		
3	COV	PL	120* 6	460	47.10	2.60	8	SS400		
3	COV-O	RB	13 ϕ	280	1.040	0.291	1	SS400		
24	COV	BN	M 12* 35			0.073	2	SS400		1-W,HDG
JL6-JL6A						266 kg				

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J6 JL6A-JL6B										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	1570	70.65	52.1	52	SS400		
5	D-SPL	PL	470* 14	230	109.9	11.9	60	SS400		
36	D-SPL	TCB	M 22* 75			0.538	19	S10T		
54	D-SPL	HTB	M 22* 80			0.585	32	F10T		
6	UR-SPL-O	PL	155* 10	320	78.50	3.89	23	SS400		
24	UR-SPL-O	TCB	M 22* 65			0.508	12	S10T		
3	COV	PL	120* 6	460	47.10	2.60	8	SS400		
3	COV-O	RB	13 ϕ	280	1.040	0.291	1	SS400		
24	COV	BN	M 12* 35			0.073	2	SS400		1-W,HDG
JL6A-JL6B						209 kg				

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J6 JL6B-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	290	70.65	9.63	10	SS400		
1	D-SPL-U	PL	470* 9	1511	70.65	50.2	50	SS400		
1	D-SPL-U	PL	470* 9	305	70.65	10.1	10	SS400		
4	D-SPL	PL	470* 14	230	109.9	11.9	48	SS400		

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3	D-SPL	PL	470* 14	80	109.9	4.13	12	SS400		
1	D-SPL	PL	470* 14	245	109.9	12.7	13	SS400		
60	D-SPL	TCB	M 22* 75			0.538	32	S10T		
36	D-SPL	HTB	M 22* 80			0.585	21	F10T		
4	UR-SPL-O	PL	155* 10	320	78.50	3.89	16	SS400		
16	UR-SPL-O	TCB	M 22* 65			0.508	8	S10T		
2	COV	PL	120* 6	460	47.10	2.60	5	SS400		
2	COV-O	RB	13 φ	280	1.040	0.291	1	SS400		
16	COV	BN	M 12* 35			0.073	1	SS400		1-W,HDG
6	PR-SPL	PL	175* 18	620	141.3	15.3	92	SS400		
48	PR-SPL	TCB	M 22* 95			0.598	29	S10T		
JL6B-JL7								348 kg		

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J6 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	2975	70.65	98.8	99	SS400		
1	D-SPL	PL	470* 14	223	109.9	11.5	12	SS400		
5	D-SPL	PL	470* 14	230	109.9	11.9	60	SS400		
4	D-SPL	PL	470* 14	80	109.9	4.13	17	SS400		
1	D-SPL	PL	470* 14	155	109.9	8.01	8	SS400		
48	D-SPL	TCB	M 22* 75			0.538	26	S10T		
96	D-SPL	HTB	M 22* 80			0.585	56	F10T		
10	UR-SPL-I	PL	155* 10	320	78.50	3.89	39	SS400		
40	UR-SPL-I	TCB	M 22* 65			0.508	20	S10T		
5	COV	PL	120* 6	460	47.10	2.60	13	SS400		
5	COV-I	RB	13 φ	280	1.040	0.291	1	SS400		
40	COV	BN	M 12* 35			0.073	3	SS400		1-W,HDG
JL7-JL8								354 kg		

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J6 JL8-RR1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	970	70.65	32.2	32	SS400		
1	D-SPL-U	PL	470* 9	305	70.65	10.1	10	SS400		
1	D-SPL	PL	470* 14	270	109.9	13.9	14	SS400		
2	D-SPL	PL	470* 14	250	109.9	12.9	26	SS400		
1	D-SPL	PL	470* 14	245	109.9	12.7	13	SS400		
66	D-SPL	TCB	M 22* 75			0.538	36	S10T		
1	ST-SPL	PL	255* 9	320	70.65	5.77	6	SS400		
1	ST-SPL	PL	335* 16	320	125.6	13.5	14	SS400		
12	ST-SPL	TCB	M 22* 70			0.523	6	S10T		

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2	ST-SPL	PL	80* 9	320	70.65	1.81	4	SS400		
4	ST-SPL	TCB	M 22* 65			0.508	2	S10T		
6	PR-SPL	PL	175* 18	620	141.3	15.3	92	SS400		
48	PR-SPL	TCB	M 22* 95			0.598	29	S10T		
JL8-RR1							284 kg			
J6										
							3546 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J7 LL1-JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	970	70.65	32.2	32	SS400		
1	D-SPL-U	PL	470* 9	305	70.65	10.1	10	SS400		
1	D-SPL	PL	470* 14	270	109.9	13.9	14	SS400		
2	D-SPL	PL	470* 14	250	109.9	12.9	26	SS400		
1	D-SPL	PL	470* 14	245	109.9	12.7	13	SS400		
66	D-SPL	TCB	M 22* 75			0.538	36	S10T		
1	ST-SPL	PL	255* 9	320	70.65	5.77	6	SS400		
1	ST-SPL	PL	335* 16	320	125.6	13.5	14	SS400		
12	ST-SPL	TCB	M 22* 70			0.523	6	S10T		
2	ST-SPL	PL	80* 9	320	70.65	1.81	4	SS400		
4	ST-SPL	TCB	M 22* 65			0.508	2	S10T		
6	PR-SPL	PL	175* 18	620	141.3	15.3	92	SS400		
48	PR-SPL	TCB	M 22* 95			0.598	29	S10T		
LL1-JL1							284 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J7 JL1-JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	2975	70.65	98.8	99	SS400		
1	D-SPL	PL	470* 14	223	109.9	11.5	12	SS400		
5	D-SPL	PL	470* 14	230	109.9	11.9	60	SS400		
4	D-SPL	PL	470* 14	80	109.9	4.13	17	SS400		
1	D-SPL	PL	470* 14	155	109.9	8.01	8	SS400		
48	D-SPL	TCB	M 22* 75			0.538	26	S10T		
96	D-SPL	HTB	M 22* 80			0.585	56	F10T		
10	UR-SPL-I	PL	155* 10	320	78.50	3.89	39	SS400		
40	UR-SPL-I	TCB	M 22* 65			0.508	20	S10T		
5	COV	PL	120* 6	460	47.10	2.60	13	SS400		
5	COV-I	RB	13 ϕ	280	1.040	0.291	1	SS400		
40	COV	BN	M 12* 35			0.073	3	SS400		1-W,HDG

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JL1-JL2	354 kg
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APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J7 JL2-JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	980	70.65	32.5	32	SS400		
2	D-SPL-U	PL	470* 9	305	70.65	10.1	20	SS400		
2	D-SPL	PL	470* 14	245	109.9	12.7	25	SS400		
2	D-SPL	PL	470* 14	230	109.9	11.9	24	SS400		
2	D-SPL	PL	470* 14	80	109.9	4.13	8	SS400		
36	D-SPL	TCB	M 22* 75			0.538	19	S10T		
36	D-SPL	HTB	M 22* 80			0.585	21	F10T		
4	UR-SPL-O	PL	155* 10	320	78.50	3.89	16	SS400		
16	UR-SPL-O	TCB	M 22* 65			0.508	8	S10T		
2	COV	PL	120* 6	460	47.10	2.60	5	SS400		
2	COV-O	RB	13 φ	280	1.040	0.291	1	SS400		
16	COV	BN	M 12* 35			0.073	1	SS400		1-W,HDG
2	PR-SPL	PL	175* 18	620	141.3	15.3	31	SS400		
16	PR-SPL	TCB	M 22* 95			0.598	10	S10T		
JL2-JL3										
221 kg										

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J7 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	2690	70.65	89.3	89	SS400		
2	D-SPL	PL	470* 14	155	109.9	8.01	16	SS400		
7	D-SPL	PL	470* 14	230	109.9	11.9	83	SS400		
78	D-SPL	TCB	M 22* 75			0.538	42	S10T		
72	D-SPL	HTB	M 22* 80			0.585	42	F10T		
8	UR-SPL-I	PL	155* 10	320	78.50	3.89	31	SS400		
32	UR-SPL-I	TCB	M 22* 65			0.508	16	S10T		
4	COV	PL	120* 6	460	47.10	2.60	10	SS400		
4	COV-I	RB	13 φ	280	1.040	0.291	1	SS400		
32	COV	BN	M 12* 35			0.073	2	SS400		1-W,HDG
JL3-JL4										
332 kg										

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J7 JL4-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	2630	70.65	87.3	87	SS400		
2	D-SPL-U	PL	470* 9	305	70.65	10.1	20	SS400		
2	D-SPL	PL	470* 14	245	109.9	12.7	25	SS400		

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4	D-SPL	PL	470* 14	230	109.9	11.9	48	SS400		
4	D-SPL	PL	470* 14	280	109.9	14.5	58	SS400		
132	D-SPL	TCB	M 22* 75			0.538	71	S10T		
36	D-SPL	HTB	M 22* 80			0.585	21	F10T		
4	UR-SPL-O	PL	155* 10	320	78.50	3.89	16	SS400		
16	UR-SPL-O	TCB	M 22* 65			0.508	8	S10T		
2	COV	PL	120* 6	460	47.10	2.60	5	SS400		
2	COV-O	RB	13 φ	280	1.040	0.291	1	SS400		
16	COV	BN	M 12* 35			0.073	1	SS400		1-W,HDG
10	PR-SPL	PL	175* 18	620	141.3	15.3	153	SS400		
80	PR-SPL	TCB	M 22* 95			0.598	48	S10T		
JL4-JL5								562 kg		

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J7 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	2690	70.65	89.3	89	SS400		
2	D-SPL	PL	470* 14	155	109.9	8.01	16	SS400		
7	D-SPL	PL	470* 14	230	109.9	11.9	83	SS400		
78	D-SPL	TCB	M 22* 75			0.538	42	S10T		
72	D-SPL	HTB	M 22* 80			0.585	42	F10T		
8	UR-SPL-I	PL	155* 10	320	78.50	3.89	31	SS400		
32	UR-SPL-I	TCB	M 22* 65			0.508	16	S10T		
4	COV	PL	120* 6	460	47.10	2.60	10	SS400		
4	COV-I	RB	13 φ	280	1.040	0.291	1	SS400		
32	COV	BN	M 12* 35			0.073	2	SS400		1-W,HDG
JL5-JL6								332 kg		

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J7 JL6-JL6A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	305	70.65	10.1	10	SS400		
1	D-SPL-U	PL	470* 9	1570	70.65	52.1	52	SS400		
1	D-SPL-U	PL	470* 9	290	70.65	9.63	10	SS400		
1	D-SPL	PL	470* 14	245	109.9	12.7	13	SS400		
6	D-SPL	PL	470* 14	230	109.9	11.9	71	SS400		
60	D-SPL	TCB	M 22* 75			0.538	32	S10T		
54	D-SPL	HTB	M 22* 80			0.585	32	F10T		
6	UR-SPL-O	PL	155* 10	320	78.50	3.89	23	SS400		
24	UR-SPL-O	TCB	M 22* 65			0.508	12	S10T		
3	COV	PL	120* 6	460	47.10	2.60	8	SS400		
3	COV-O	RB	13 φ	280	1.040	0.291	1	SS400		

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24	COV	BN	M 12* 35			0.073	2	SS400		1-W,HDG
JL6-JL6A						266 kg				

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J7 JL6A-JL6B										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	1570	70.65	52.1	52	SS400		
5	D-SPL	PL	470* 14	230	109.9	11.9	60	SS400		
36	D-SPL	TCB	M 22* 75			0.538	19	S10T		
54	D-SPL	HTB	M 22* 80			0.585	32	F10T		
6	UR-SPL-O	PL	155* 10	320	78.50	3.89	23	SS400		
24	UR-SPL-O	TCB	M 22* 65			0.508	12	S10T		
3	COV	PL	120* 6	460	47.10	2.60	8	SS400		
3	COV-O	RB	13 φ	280	1.040	0.291	1	SS400		
24	COV	BN	M 12* 35			0.073	2	SS400		1-W,HDG
JL6A-JL6B						209 kg				

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J7 JL6B-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	290	70.65	9.63	10	SS400		
1	D-SPL-U	PL	470* 9	1252	70.65	41.6	42	SS400		
1	D-SPL-U	PL	470* 9	305	70.65	10.1	10	SS400		
3	D-SPL	PL	470* 14	230	109.9	11.9	36	SS400		
1	D-SPL	PL	470* 14	155	109.9	8.01	8	SS400		
1	D-SPL	PL	470* 14	158	109.9	8.16	8	SS400		
1	D-SPL	PL	470* 14	80	109.9	4.13	4	SS400		
1	D-SPL	PL	470* 14	245	109.9	12.7	13	SS400		
54	D-SPL	TCB	M 22* 75			0.538	29	S10T		
36	D-SPL	HTB	M 22* 80			0.585	21	F10T		
4	UR-SPL-O	PL	155* 10	320	78.50	3.89	16	SS400		
16	UR-SPL-O	TCB	M 22* 65			0.508	8	S10T		
2	COV	PL	120* 6	460	47.10	2.60	5	SS400		
2	COV-O	RB	13 φ	280	1.040	0.291	1	SS400		
16	COV	BN	M 12* 35			0.073	1	SS400		1-W,HDG
4	PR-SPL	PL	175* 18	620	141.3	15.3	61	SS400		
32	PR-SPL	TCB	M 22* 95			0.598	19	S10T		
JL6B-JL7						292 kg				

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J7 JL7-JL8										
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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	2975	70.65	98.8	99	SS400		
1	D-SPL	PL	470* 14	223	109.9	11.5	12	SS400		
5	D-SPL	PL	470* 14	230	109.9	11.9	60	SS400		
4	D-SPL	PL	470* 14	80	109.9	4.13	17	SS400		
1	D-SPL	PL	470* 14	155	109.9	8.01	8	SS400		
48	D-SPL	TCB	M 22* 75			0.538	26	S10T		
96	D-SPL	HTB	M 22* 80			0.585	56	F10T		
10	UR-SPL-I	PL	155* 10	320	78.50	3.89	39	SS400		
40	UR-SPL-I	TCB	M 22* 65			0.508	20	S10T		
5	COV	PL	120* 6	460	47.10	2.60	13	SS400		
5	COV-I	RB	13 φ	280	1.040	0.291	1	SS400		
40	COV	BN	M 12* 35			0.073	3	SS400		1-W,HDG
JL7-JL8							354 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J7 JL8-RR1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	970	70.65	32.2	32	SS400		
1	D-SPL-U	PL	470* 9	305	70.65	10.1	10	SS400		
1	D-SPL	PL	470* 14	270	109.9	13.9	14	SS400		
2	D-SPL	PL	470* 14	250	109.9	12.9	26	SS400		
1	D-SPL	PL	470* 14	245	109.9	12.7	13	SS400		
66	D-SPL	TCB	M 22* 75			0.538	36	S10T		
1	ST-SPL	PL	255* 9	320	70.65	5.77	6	SS400		
1	ST-SPL	PL	335* 16	320	125.6	13.5	14	SS400		
12	ST-SPL	TCB	M 22* 70			0.523	6	S10T		
2	ST-SPL	PL	80* 9	320	70.65	1.81	4	SS400		
4	ST-SPL	TCB	M 22* 65			0.508	2	S10T		
6	PR-SPL	PL	175* 18	620	141.3	15.3	92	SS400		
48	PR-SPL	TCB	M 22* 95			0.598	29	S10T		
JL8-RR1							284 kg			
J7							3490 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J8 LL1-JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	970	70.65	32.2	32	SS400		
1	D-SPL-U	PL	470* 9	305	70.65	10.1	10	SS400		
1	D-SPL	PL	470* 14	270	109.9	13.9	14	SS400		
2	D-SPL	PL	470* 14	250	109.9	12.9	26	SS400		

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1	D-SPL	PL	470* 14	245	109.9	12.7	13	SS400		
66	D-SPL	TCB	M 22* 75			0.538	36	S10T		
1	ST-SPL	PL	255* 9	320	70.65	5.77	6	SS400		
1	ST-SPL	PL	335* 16	320	125.6	13.5	14	SS400		
12	ST-SPL	TCB	M 22* 70			0.523	6	S10T		
2	ST-SPL	PL	80* 9	320	70.65	1.81	4	SS400		
4	ST-SPL	TCB	M 22* 65			0.508	2	S10T		
6	PR-SPL	PL	175* 18	620	141.3	15.3	92	SS400		
48	PR-SPL	TCB	M 22* 95			0.598	29	S10T		
LL1-JL1							284 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J8 JL1-JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	2975	70.65	98.8	99	SS400		
1	D-SPL	PL	470* 14	223	109.9	11.5	12	SS400		
5	D-SPL	PL	470* 14	230	109.9	11.9	60	SS400		
4	D-SPL	PL	470* 14	80	109.9	4.13	17	SS400		
1	D-SPL	PL	470* 14	155	109.9	8.01	8	SS400		
48	D-SPL	TCB	M 22* 75			0.538	26	S10T		
96	D-SPL	HTB	M 22* 80			0.585	56	F10T		
10	UR-SPL-I	PL	155* 10	320	78.50	3.89	39	SS400		
40	UR-SPL-I	TCB	M 22* 65			0.508	20	S10T		
5	COV	PL	120* 6	460	47.10	2.60	13	SS400		
5	COV-I	RB	13 φ	280	1.040	0.291	1	SS400		
40	COV	BN	M 12* 35			0.073	3	SS400		1-W,HDG
JL1-JL2							354 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J8 JL2-JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	980	70.65	32.5	32	SS400		
2	D-SPL-U	PL	470* 9	305	70.65	10.1	20	SS400		
2	D-SPL	PL	470* 14	245	109.9	12.7	25	SS400		
2	D-SPL	PL	470* 14	230	109.9	11.9	24	SS400		
2	D-SPL	PL	470* 14	80	109.9	4.13	8	SS400		
36	D-SPL	TCB	M 22* 75			0.538	19	S10T		
36	D-SPL	HTB	M 22* 80			0.585	21	F10T		
4	UR-SPL-O	PL	155* 10	320	78.50	3.89	16	SS400		
16	UR-SPL-O	TCB	M 22* 65			0.508	8	S10T		
2	COV	PL	120* 6	460	47.10	2.60	5	SS400		
2	COV-O	RB	13 φ	280	1.040	0.291	1	SS400		

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16	COV	BN	M 12* 35			0.073	1	SS400		1-W,HDG
2	PR-SPL	PL	175* 18	620	141.3	15.3	31	SS400		
16	PR-SPL	TCB	M 22* 95			0.598	10	S10T		
JL2-JL3										221 kg

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J8 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	2690	70.65	89.3	89	SS400		
2	D-SPL	PL	470* 14	155	109.9	8.01	16	SS400		
7	D-SPL	PL	470* 14	230	109.9	11.9	83	SS400		
78	D-SPL	TCB	M 22* 75			0.538	42	S10T		
72	D-SPL	HTB	M 22* 80			0.585	42	F10T		
8	UR-SPL-I	PL	155* 10	320	78.50	3.89	31	SS400		
32	UR-SPL-I	TCB	M 22* 65			0.508	16	S10T		
4	COV	PL	120* 6	460	47.10	2.60	10	SS400		
4	COV-I	RB	13 φ	280	1.040	0.291	1	SS400		
32	COV	BN	M 12* 35			0.073	2	SS400		1-W,HDG
JL3-JL4										332 kg

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J8 JL4-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	2630	70.65	87.3	87	SS400		
2	D-SPL-U	PL	470* 9	305	70.65	10.1	20	SS400		
2	D-SPL	PL	470* 14	245	109.9	12.7	25	SS400		
4	D-SPL	PL	470* 14	230	109.9	11.9	48	SS400		
4	D-SPL	PL	470* 14	280	109.9	14.5	58	SS400		
132	D-SPL	TCB	M 22* 75			0.538	71	S10T		
36	D-SPL	HTB	M 22* 80			0.585	21	F10T		
4	UR-SPL-O	PL	155* 10	320	78.50	3.89	16	SS400		
16	UR-SPL-O	TCB	M 22* 65			0.508	8	S10T		
2	COV	PL	120* 6	460	47.10	2.60	5	SS400		
2	COV-O	RB	13 φ	280	1.040	0.291	1	SS400		
16	COV	BN	M 12* 35			0.073	1	SS400		1-W,HDG
10	PR-SPL	PL	175* 18	620	141.3	15.3	153	SS400		
80	PR-SPL	TCB	M 22* 95			0.598	48	S10T		
JL4-JL5										562 kg

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J8 JL5-JL6										
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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	2690	70.65	89.3	89	SS400		
2	D-SPL	PL	470* 14	155	109.9	8.01	16	SS400		
7	D-SPL	PL	470* 14	230	109.9	11.9	83	SS400		
78	D-SPL	TCB	M 22* 75			0.538	42	S10T		
72	D-SPL	HTB	M 22* 80			0.585	42	F10T		
8	UR-SPL-I	PL	155* 10	320	78.50	3.89	31	SS400		
32	UR-SPL-I	TCB	M 22* 65			0.508	16	S10T		
4	COV	PL	120* 6	460	47.10	2.60	10	SS400		
4	COV-I	RB	13 φ	280	1.040	0.291	1	SS400		
32	COV	BN	M 12* 35			0.073	2	SS400		1-W,HDG
JL5-JL6							332 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J8 JL6-JL6A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	305	70.65	10.1	10	SS400		
1	D-SPL-U	PL	470* 9	1570	70.65	52.1	52	SS400		
1	D-SPL-U	PL	470* 9	290	70.65	9.63	10	SS400		
1	D-SPL	PL	470* 14	245	109.9	12.7	13	SS400		
6	D-SPL	PL	470* 14	230	109.9	11.9	71	SS400		
60	D-SPL	TCB	M 22* 75			0.538	32	S10T		
54	D-SPL	HTB	M 22* 80			0.585	32	F10T		
6	UR-SPL-O	PL	155* 10	320	78.50	3.89	23	SS400		
24	UR-SPL-O	TCB	M 22* 65			0.508	12	S10T		
3	COV	PL	120* 6	460	47.10	2.60	8	SS400		
3	COV-O	RB	13 φ	280	1.040	0.291	1	SS400		
24	COV	BN	M 12* 35			0.073	2	SS400		1-W,HDG
JL6-JL6A							266 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J8 JL6A-JL6B										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	1570	70.65	52.1	52	SS400		
5	D-SPL	PL	470* 14	230	109.9	11.9	60	SS400		
36	D-SPL	TCB	M 22* 75			0.538	19	S10T		
54	D-SPL	HTB	M 22* 80			0.585	32	F10T		
JL6A-JL6B							163 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J8 JL6B-JL7										

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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	290	70.65	9.63	10	SS400		
1	D-SPL-U	PL	470* 9	1037	70.65	34.4	34	SS400		
1	D-SPL-U	PL	470* 9	305	70.65	10.1	10	SS400		
2	D-SPL	PL	470* 14	230	109.9	11.9	24	SS400		
1	D-SPL	PL	470* 14	212	109.9	11.0	11	SS400		
1	D-SPL	PL	470* 14	200	109.9	10.3	10	SS400		
1	D-SPL	PL	470* 14	80	109.9	4.13	4	SS400		
1	D-SPL	PL	470* 14	245	109.9	12.7	13	SS400		
54	D-SPL	TCB	M 22* 75			0.538	29	S10T		
18	D-SPL	HTB	M 22* 80			0.585	11	F10T		
8	UR-SPL-O	PL	155* 10	320	78.50	3.89	31	SS400		
32	UR-SPL-O	TCB	M 22* 65			0.508	16	S10T		
4	COV	PL	120* 6	460	47.10	2.60	10	SS400		
4	COV-O	RB	13 φ	280	1.040	0.291	1	SS400		
32	COV	BN	M 12* 35			0.073	2	SS400		1-W,HDG
6	PR-SPL	PL	175* 18	620	141.3	15.3	92	SS400		
48	PR-SPL	TCB	M 22* 95			0.598	29	S10T		
JL6B-JL7							337 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J8 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	2975	70.65	98.8	99	SS400		
1	D-SPL	PL	470* 14	223	109.9	11.5	12	SS400		
5	D-SPL	PL	470* 14	230	109.9	11.9	60	SS400		
4	D-SPL	PL	470* 14	80	109.9	4.13	17	SS400		
1	D-SPL	PL	470* 14	155	109.9	8.01	8	SS400		
48	D-SPL	TCB	M 22* 75			0.538	26	S10T		
96	D-SPL	HTB	M 22* 80			0.585	56	F10T		
10	UR-SPL-I	PL	155* 10	320	78.50	3.89	39	SS400		
40	UR-SPL-I	TCB	M 22* 65			0.508	20	S10T		
5	COV	PL	120* 6	460	47.10	2.60	13	SS400		
5	COV-I	RB	13 φ	280	1.040	0.291	1	SS400		
40	COV	BN	M 12* 35			0.073	3	SS400		1-W,HDG
JL7-JL8							354 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J8 JL8-RR1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	970	70.65	32.2	32	SS400		
1	D-SPL-U	PL	470* 9	305	70.65	10.1	10	SS400		

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1	D-SPL	PL	470* 14	270	109.9	13.9	14	SS400		
2	D-SPL	PL	470* 14	250	109.9	12.9	26	SS400		
1	D-SPL	PL	470* 14	245	109.9	12.7	13	SS400		
66	D-SPL	TCB	M 22* 75			0.538	36	S10T		
1	ST-SPL	PL	255* 9	320	70.65	5.77	6	SS400		
1	ST-SPL	PL	335* 16	320	125.6	13.5	14	SS400		
12	ST-SPL	TCB	M 22* 70			0.523	6	S10T		
2	ST-SPL	PL	80* 9	320	70.65	1.81	4	SS400		
4	ST-SPL	TCB	M 22* 65			0.508	2	S10T		
6	PR-SPL	PL	175* 18	620	141.3	15.3	92	SS400		
48	PR-SPL	TCB	M 22* 95			0.598	29	S10T		
JL8-RR1							284 kg			
J8							3489 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J9 LL1-JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	970	70.65	32.2	32	SS400		
1	D-SPL-U	PL	470* 9	305	70.65	10.1	10	SS400		
1	D-SPL	PL	470* 14	270	109.9	13.9	14	SS400		
2	D-SPL	PL	470* 14	250	109.9	12.9	26	SS400		
1	D-SPL	PL	470* 14	245	109.9	12.7	13	SS400		
66	D-SPL	TCB	M 22* 75			0.538	36	S10T		
1	ST-SPL	PL	255* 9	320	70.65	5.77	6	SS400		
1	ST-SPL	PL	335* 16	320	125.6	13.5	14	SS400		
12	ST-SPL	TCB	M 22* 70			0.523	6	S10T		
2	ST-SPL	PL	80* 9	320	70.65	1.81	4	SS400		
4	ST-SPL	TCB	M 22* 65			0.508	2	S10T		
6	PR-SPL	PL	175* 18	620	141.3	15.3	92	SS400		
48	PR-SPL	TCB	M 22* 95			0.598	29	S10T		
LL1-JL1							284 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J9 JL1-JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	2975	70.65	98.8	99	SS400		
1	D-SPL	PL	470* 14	223	109.9	11.5	12	SS400		
5	D-SPL	PL	470* 14	230	109.9	11.9	60	SS400		
4	D-SPL	PL	470* 14	80	109.9	4.13	17	SS400		
1	D-SPL	PL	470* 14	155	109.9	8.01	8	SS400		
48	D-SPL	TCB	M 22* 75			0.538	26	S10T		

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96	D-SPL	HTB	M 22* 80			0.585	56	F10T		
10	UR-SPL-I	PL	155* 10	320	78.50	3.89	39	SS400		
40	UR-SPL-I	TCB	M 22* 65			0.508	20	S10T		
5	COV	PL	120* 6	460	47.10	2.60	13	SS400		
5	COV-I	RB	13 φ	280	1.040	0.291	1	SS400		
40	COV	BN	M 12* 35			0.073	3	SS400		1-W,HDG
JL1-JL2							354 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J9 JL2-JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	980	70.65	32.5	32	SS400		
2	D-SPL-U	PL	470* 9	305	70.65	10.1	20	SS400		
2	D-SPL	PL	470* 14	245	109.9	12.7	25	SS400		
2	D-SPL	PL	470* 14	230	109.9	11.9	24	SS400		
2	D-SPL	PL	470* 14	80	109.9	4.13	8	SS400		
36	D-SPL	TCB	M 22* 75			0.538	19	S10T		
36	D-SPL	HTB	M 22* 80			0.585	21	F10T		
4	UR-SPL-O	PL	155* 10	320	78.50	3.89	16	SS400		
16	UR-SPL-O	TCB	M 22* 65			0.508	8	S10T		
2	COV	PL	120* 6	460	47.10	2.60	5	SS400		
2	COV-O	RB	13 φ	280	1.040	0.291	1	SS400		
16	COV	BN	M 12* 35			0.073	1	SS400		1-W,HDG
2	PR-SPL	PL	175* 18	620	141.3	15.3	31	SS400		
16	PR-SPL	TCB	M 22* 95			0.598	10	S10T		
JL2-JL3							221 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J9 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	2690	70.65	89.3	89	SS400		
2	D-SPL	PL	470* 14	155	109.9	8.01	16	SS400		
7	D-SPL	PL	470* 14	230	109.9	11.9	83	SS400		
78	D-SPL	TCB	M 22* 75			0.538	42	S10T		
72	D-SPL	HTB	M 22* 80			0.585	42	F10T		
8	UR-SPL-I	PL	155* 10	320	78.50	3.89	31	SS400		
32	UR-SPL-I	TCB	M 22* 65			0.508	16	S10T		
4	COV	PL	120* 6	460	47.10	2.60	10	SS400		
4	COV-I	RB	13 φ	280	1.040	0.291	1	SS400		
32	COV	BN	M 12* 35			0.073	2	SS400		1-W,HDG
JL3-JL4							332 kg			

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APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J9 JL4-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	2630	70.65	87.3	87	SS400		
2	D-SPL-U	PL	470* 9	305	70.65	10.1	20	SS400		
2	D-SPL	PL	470* 14	245	109.9	12.7	25	SS400		
4	D-SPL	PL	470* 14	230	109.9	11.9	48	SS400		
4	D-SPL	PL	470* 14	280	109.9	14.5	58	SS400		
132	D-SPL	TCB	M 22* 75			0.538	71	S10T		
36	D-SPL	HTB	M 22* 80			0.585	21	F10T		
4	UR-SPL-O	PL	155* 10	320	78.50	3.89	16	SS400		
16	UR-SPL-O	TCB	M 22* 65			0.508	8	S10T		
2	COV	PL	120* 6	460	47.10	2.60	5	SS400		
2	COV-O	RB	13 φ	280	1.040	0.291	1	SS400		
16	COV	BN	M 12* 35			0.073	1	SS400		1-W,HDG
10	PR-SPL	PL	175* 18	620	141.3	15.3	153	SS400		
80	PR-SPL	TCB	M 22* 95			0.598	48	S10T		
JL4-JL5							562 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J9 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	2690	70.65	89.3	89	SS400		
2	D-SPL	PL	470* 14	155	109.9	8.01	16	SS400		
7	D-SPL	PL	470* 14	230	109.9	11.9	83	SS400		
78	D-SPL	TCB	M 22* 75			0.538	42	S10T		
72	D-SPL	HTB	M 22* 80			0.585	42	F10T		
8	UR-SPL-I	PL	155* 10	320	78.50	3.89	31	SS400		
32	UR-SPL-I	TCB	M 22* 65			0.508	16	S10T		
4	COV	PL	120* 6	460	47.10	2.60	10	SS400		
4	COV-I	RB	13 φ	280	1.040	0.291	1	SS400		
32	COV	BN	M 12* 35			0.073	2	SS400		1-W,HDG
JL5-JL6							332 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J9 JL6-JL6A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	305	70.65	10.1	10	SS400		
1	D-SPL-U	PL	470* 9	1570	70.65	52.1	52	SS400		
1	D-SPL-U	PL	470* 9	290	70.65	9.63	10	SS400		
1	D-SPL	PL	470* 14	245	109.9	12.7	13	SS400		

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6	D-SPL	PL	470* 14	230	109.9	11.9	71	SS400		
60	D-SPL	TCB	M 22* 75			0.538	32	S10T		
54	D-SPL	HTB	M 22* 80			0.585	32	F10T		
6	UR-SPL-O	PL	155* 10	320	78.50	3.89	23	SS400		
24	UR-SPL-O	TCB	M 22* 65			0.508	12	S10T		
3	COV	PL	120* 6	460	47.10	2.60	8	SS400		
3	COV-O	RB	13 φ	280	1.040	0.291	1	SS400		
24	COV	BN	M 12* 35			0.073	2	SS400		1-W,HDG
JL6-JL6A										266 kg

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J9 JL6A-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	2784	70.65	92.4	92	SS400		
1	D-SPL-U	PL	470* 9	305	70.65	10.1	10	SS400		
7	D-SPL	PL	470* 14	230	109.9	11.9	83	SS400		
3	D-SPL	PL	470* 14	80	109.9	4.13	12	SS400		
1	D-SPL	PL	470* 14	245	109.9	12.7	13	SS400		
84	D-SPL	TCB	M 22* 75			0.538	45	S10T		
72	D-SPL	HTB	M 22* 80			0.585	42	F10T		
8	UR-SPL-O	PL	155* 10	320	78.50	3.89	31	SS400		
32	UR-SPL-O	TCB	M 22* 65			0.508	16	S10T		
4	COV	PL	120* 6	460	47.10	2.60	10	SS400		
4	COV-O	RB	13 φ	280	1.040	0.291	1	SS400		
32	COV	BN	M 12* 35			0.073	2	SS400		1-W,HDG
6	PR-SPL	PL	175* 18	620	141.3	15.3	92	SS400		
48	PR-SPL	TCB	M 22* 95			0.598	29	S10T		
JL6A-JL7										478 kg

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J9 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	2975	70.65	98.8	99	SS400		
1	D-SPL	PL	470* 14	223	109.9	11.5	12	SS400		
5	D-SPL	PL	470* 14	230	109.9	11.9	60	SS400		
4	D-SPL	PL	470* 14	80	109.9	4.13	17	SS400		
1	D-SPL	PL	470* 14	155	109.9	8.01	8	SS400		
48	D-SPL	TCB	M 22* 75			0.538	26	S10T		
96	D-SPL	HTB	M 22* 80			0.585	56	F10T		
10	UR-SPL-I	PL	155* 10	320	78.50	3.89	39	SS400		
40	UR-SPL-I	TCB	M 22* 65			0.508	20	S10T		
5	COV	PL	120* 6	460	47.10	2.60	13	SS400		

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5	COV-I	RB	13 φ	280	1.040	0.291	1	SS400		
40	COV	BN	M 12* 35			0.073	3	SS400		1-W,HDG
JL7-JL8							354 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J9 JL8-RR1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	970	70.65	32.2	32	SS400		
1	D-SPL-U	PL	470* 9	305	70.65	10.1	10	SS400		
1	D-SPL	PL	470* 14	270	109.9	13.9	14	SS400		
2	D-SPL	PL	470* 14	250	109.9	12.9	26	SS400		
1	D-SPL	PL	470* 14	245	109.9	12.7	13	SS400		
66	D-SPL	TCB	M 22* 75			0.538	36	S10T		
1	ST-SPL	PL	255* 9	320	70.65	5.77	6	SS400		
1	ST-SPL	PL	335* 16	320	125.6	13.5	14	SS400		
12	ST-SPL	TCB	M 22* 70			0.523	6	S10T		
2	ST-SPL	PL	80* 9	320	70.65	1.81	4	SS400		
4	ST-SPL	TCB	M 22* 65			0.508	2	S10T		
6	PR-SPL	PL	175* 18	620	141.3	15.3	92	SS400		
48	PR-SPL	TCB	M 22* 95			0.598	29	S10T		
JL8-RR1							284 kg			
J9							3467 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J10 LL1-JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	970	70.65	32.2	32	SS400		
1	D-SPL-U	PL	470* 9	305	70.65	10.1	10	SS400		
1	D-SPL	PL	470* 14	270	109.9	13.9	14	SS400		
2	D-SPL	PL	470* 14	250	109.9	12.9	26	SS400		
1	D-SPL	PL	470* 14	245	109.9	12.7	13	SS400		
66	D-SPL	TCB	M 22* 75			0.538	36	S10T		
1	ST-SPL	PL	255* 9	320	70.65	5.77	6	SS400		
1	ST-SPL	PL	335* 16	320	125.6	13.5	14	SS400		
12	ST-SPL	TCB	M 22* 70			0.523	6	S10T		
2	ST-SPL	PL	80* 9	320	70.65	1.81	4	SS400		
4	ST-SPL	TCB	M 22* 65			0.508	2	S10T		
6	PR-SPL	PL	175* 18	620	141.3	15.3	92	SS400		
48	PR-SPL	TCB	M 22* 95			0.598	29	S10T		
LL1-JL1							284 kg			

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APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J10 JL1-JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	2975	70.65	98.8	99	SS400		
1	D-SPL	PL	470* 14	223	109.9	11.5	12	SS400		
5	D-SPL	PL	470* 14	230	109.9	11.9	60	SS400		
4	D-SPL	PL	470* 14	80	109.9	4.13	17	SS400		
1	D-SPL	PL	470* 14	155	109.9	8.01	8	SS400		
48	D-SPL	TCB	M 22* 75			0.538	26	S10T		
96	D-SPL	HTB	M 22* 80			0.585	56	F10T		
10	UR-SPL-I	PL	155* 10	320	78.50	3.89	39	SS400		
40	UR-SPL-I	TCB	M 22* 65			0.508	20	S10T		
5	COV	PL	120* 6	460	47.10	2.60	13	SS400		
5	COV-I	RB	13 φ	280	1.040	0.291	1	SS400		
40	COV	BN	M 12* 35			0.073	3	SS400		1-W,HDG
JL1-JL2							354 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J10 JL2-JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	980	70.65	32.5	32	SS400		
2	D-SPL-U	PL	470* 9	305	70.65	10.1	20	SS400		
2	D-SPL	PL	470* 14	245	109.9	12.7	25	SS400		
2	D-SPL	PL	470* 14	230	109.9	11.9	24	SS400		
2	D-SPL	PL	470* 14	80	109.9	4.13	8	SS400		
36	D-SPL	TCB	M 22* 75			0.538	19	S10T		
36	D-SPL	HTB	M 22* 80			0.585	21	F10T		
4	UR-SPL-O	PL	155* 10	320	78.50	3.89	16	SS400		
16	UR-SPL-O	TCB	M 22* 65			0.508	8	S10T		
2	COV	PL	120* 6	460	47.10	2.60	5	SS400		
2	COV-O	RB	13 φ	280	1.040	0.291	1	SS400		
16	COV	BN	M 12* 35			0.073	1	SS400		1-W,HDG
2	PR-SPL	PL	175* 18	620	141.3	15.3	31	SS400		
16	PR-SPL	TCB	M 22* 95			0.598	10	S10T		
JL2-JL3							221 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J10 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	2690	70.65	89.3	89	SS400		
2	D-SPL	PL	470* 14	155	109.9	8.01	16	SS400		

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7	D-SPL	PL	470* 14	230	109.9	11.9	83	SS400		
78	D-SPL	TCB	M 22* 75			0.538	42	S10T		
72	D-SPL	HTB	M 22* 80			0.585	42	F10T		
8	UR-SPL-I	PL	155* 10	320	78.50	3.89	31	SS400		
32	UR-SPL-I	TCB	M 22* 65			0.508	16	S10T		
4	COV	PL	120* 6	460	47.10	2.60	10	SS400		
4	COV-I	RB	13 φ	280	1.040	0.291	1	SS400		
32	COV	BN	M 12* 35			0.073	2	SS400		1-W,HDG
JL3-JL4								332 kg		

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J10 JL4-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	2630	70.65	87.3	87	SS400		
2	D-SPL-U	PL	470* 9	305	70.65	10.1	20	SS400		
2	D-SPL	PL	470* 14	245	109.9	12.7	25	SS400		
4	D-SPL	PL	470* 14	230	109.9	11.9	48	SS400		
4	D-SPL	PL	470* 14	280	109.9	14.5	58	SS400		
132	D-SPL	TCB	M 22* 75			0.538	71	S10T		
36	D-SPL	HTB	M 22* 80			0.585	21	F10T		
4	UR-SPL-O	PL	155* 10	320	78.50	3.89	16	SS400		
16	UR-SPL-O	TCB	M 22* 65			0.508	8	S10T		
2	COV	PL	120* 6	460	47.10	2.60	5	SS400		
2	COV-O	RB	13 φ	280	1.040	0.291	1	SS400		
16	COV	BN	M 12* 35			0.073	1	SS400		1-W,HDG
10	PR-SPL	PL	175* 18	620	141.3	15.3	153	SS400		
80	PR-SPL	TCB	M 22* 95			0.598	48	S10T		
JL4-JL5								562 kg		

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J10 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	2690	70.65	89.3	89	SS400		
2	D-SPL	PL	470* 14	155	109.9	8.01	16	SS400		
7	D-SPL	PL	470* 14	230	109.9	11.9	83	SS400		
78	D-SPL	TCB	M 22* 75			0.538	42	S10T		
72	D-SPL	HTB	M 22* 80			0.585	42	F10T		
8	UR-SPL-I	PL	155* 10	320	78.50	3.89	31	SS400		
32	UR-SPL-I	TCB	M 22* 65			0.508	16	S10T		
4	COV	PL	120* 6	460	47.10	2.60	10	SS400		
4	COV-I	RB	13 φ	280	1.040	0.291	1	SS400		
32	COV	BN	M 12* 35			0.073	2	SS400		1-W,HDG

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JL5-JL6	332 kg
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APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J10 JL6-JL6A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	305	70.65	10.1	10	SS400		
1	D-SPL-U	PL	470* 9	1570	70.65	52.1	52	SS400		
1	D-SPL-U	PL	470* 9	290	70.65	9.63	10	SS400		
1	D-SPL	PL	470* 14	245	109.9	12.7	13	SS400		
6	D-SPL	PL	470* 14	230	109.9	11.9	71	SS400		
60	D-SPL	TCB	M 22* 75			0.538	32	S10T		
54	D-SPL	HTB	M 22* 80			0.585	32	F10T		
6	UR-SPL-O	PL	155* 10	320	78.50	3.89	23	SS400		
24	UR-SPL-O	TCB	M 22* 65			0.508	12	S10T		
3	COV	PL	120* 6	460	47.10	2.60	8	SS400		
3	COV-O	RB	13 φ	280	1.040	0.291	1	SS400		
24	COV	BN	M 12* 35			0.073	2	SS400		1-W,HDG
JL6-JL6A							266 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J10 JL6A-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	2666	70.65	88.5	88	SS400		
1	D-SPL-U	PL	470* 9	305	70.65	10.1	10	SS400		
7	D-SPL	PL	470* 14	230	109.9	11.9	83	SS400		
1	D-SPL	PL	470* 14	211	109.9	10.9	11	SS400		
1	D-SPL	PL	470* 14	80	109.9	4.13	4	SS400		
1	D-SPL	PL	470* 14	245	109.9	12.7	13	SS400		
84	D-SPL	TCB	M 22* 75			0.538	45	S10T		
72	D-SPL	HTB	M 22* 80			0.585	42	F10T		
8	UR-SPL-O	PL	155* 10	320	78.50	3.89	31	SS400		
32	UR-SPL-O	TCB	M 22* 65			0.508	16	S10T		
4	COV	PL	120* 6	460	47.10	2.60	10	SS400		
4	COV-O	RB	13 φ	280	1.040	0.291	1	SS400		
32	COV	BN	M 12* 35			0.073	2	SS400		1-W,HDG
4	PR-SPL	PL	175* 18	620	141.3	15.3	61	SS400		
32	PR-SPL	TCB	M 22* 95			0.598	19	S10T		
JL6A-JL7							436 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J10 JL7-JL8										
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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	2975	70.65	98.8	99	SS400		
1	D-SPL	PL	470* 14	223	109.9	11.5	12	SS400		
5	D-SPL	PL	470* 14	230	109.9	11.9	60	SS400		
4	D-SPL	PL	470* 14	80	109.9	4.13	17	SS400		
1	D-SPL	PL	470* 14	155	109.9	8.01	8	SS400		
48	D-SPL	TCB	M 22* 75			0.538	26	S10T		
96	D-SPL	HTB	M 22* 80			0.585	56	F10T		
10	UR-SPL-I	PL	155* 10	320	78.50	3.89	39	SS400		
40	UR-SPL-I	TCB	M 22* 65			0.508	20	S10T		
5	COV	PL	120* 6	460	47.10	2.60	13	SS400		
5	COV-I	RB	13 φ	280	1.040	0.291	1	SS400		
40	COV	BN	M 12* 35			0.073	3	SS400		1-W,HDG
JL7-JL8							354 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J10 JL8-RR1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	970	70.65	32.2	32	SS400		
1	D-SPL-U	PL	470* 9	305	70.65	10.1	10	SS400		
1	D-SPL	PL	470* 14	270	109.9	13.9	14	SS400		
2	D-SPL	PL	470* 14	250	109.9	12.9	26	SS400		
1	D-SPL	PL	470* 14	245	109.9	12.7	13	SS400		
66	D-SPL	TCB	M 22* 75			0.538	36	S10T		
1	ST-SPL	PL	255* 9	320	70.65	5.77	6	SS400		
1	ST-SPL	PL	335* 16	320	125.6	13.5	14	SS400		
12	ST-SPL	TCB	M 22* 70			0.523	6	S10T		
2	ST-SPL	PL	80* 9	320	70.65	1.81	4	SS400		
4	ST-SPL	TCB	M 22* 65			0.508	2	S10T		
6	PR-SPL	PL	175* 18	620	141.3	15.3	92	SS400		
48	PR-SPL	TCB	M 22* 95			0.598	29	S10T		
JL8-RR1							284 kg			
J10							3425 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J11 LL1-JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	970	70.65	32.2	32	SS400		
1	D-SPL-U	PL	470* 9	305	70.65	10.1	10	SS400		
1	D-SPL	PL	470* 14	270	109.9	13.9	14	SS400		
2	D-SPL	PL	470* 14	250	109.9	12.9	26	SS400		

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1	D-SPL	PL	470* 14	245	109.9	12.7	13	SS400		
66	D-SPL	TCB	M 22* 75			0.538	36	S10T		
1	ST-SPL	PL	255* 9	320	70.65	5.77	6	SS400		
1	ST-SPL	PL	335* 16	320	125.6	13.5	14	SS400		
12	ST-SPL	TCB	M 22* 70			0.523	6	S10T		
2	ST-SPL	PL	80* 9	320	70.65	1.81	4	SS400		
4	ST-SPL	TCB	M 22* 65			0.508	2	S10T		
6	PR-SPL	PL	175* 18	620	141.3	15.3	92	SS400		
48	PR-SPL	TCB	M 22* 95			0.598	29	S10T		
LL1-JL1							284 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J11 JL1-JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	2975	70.65	98.8	99	SS400		
1	D-SPL	PL	470* 14	223	109.9	11.5	12	SS400		
5	D-SPL	PL	470* 14	230	109.9	11.9	60	SS400		
4	D-SPL	PL	470* 14	80	109.9	4.13	17	SS400		
1	D-SPL	PL	470* 14	155	109.9	8.01	8	SS400		
48	D-SPL	TCB	M 22* 75			0.538	26	S10T		
96	D-SPL	HTB	M 22* 80			0.585	56	F10T		
10	UR-SPL-I	PL	155* 10	320	78.50	3.89	39	SS400		
40	UR-SPL-I	TCB	M 22* 65			0.508	20	S10T		
5	COV	PL	120* 6	460	47.10	2.60	13	SS400		
5	COV-I	RB	13 φ	280	1.040	0.291	1	SS400		
40	COV	BN	M 12* 35			0.073	3	SS400		1-W,HDG
JL1-JL2							354 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J11 JL2-JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	980	70.65	32.5	32	SS400		
2	D-SPL-U	PL	470* 9	305	70.65	10.1	20	SS400		
2	D-SPL	PL	470* 14	245	109.9	12.7	25	SS400		
2	D-SPL	PL	470* 14	230	109.9	11.9	24	SS400		
2	D-SPL	PL	470* 14	80	109.9	4.13	8	SS400		
36	D-SPL	TCB	M 22* 75			0.538	19	S10T		
36	D-SPL	HTB	M 22* 80			0.585	21	F10T		
4	UR-SPL-O	PL	155* 10	320	78.50	3.89	16	SS400		
16	UR-SPL-O	TCB	M 22* 65			0.508	8	S10T		
2	COV	PL	120* 6	460	47.10	2.60	5	SS400		
2	COV-O	RB	13 φ	280	1.040	0.291	1	SS400		

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16	COV	BN	M 12* 35			0.073	1	SS400		1-W,HDG
2	PR-SPL	PL	175* 18	620	141.3	15.3	31	SS400		
16	PR-SPL	TCB	M 22* 95			0.598	10	S10T		
JL2-JL3										221 kg

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J11 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	2690	70.65	89.3	89	SS400		
2	D-SPL	PL	470* 14	155	109.9	8.01	16	SS400		
7	D-SPL	PL	470* 14	230	109.9	11.9	83	SS400		
78	D-SPL	TCB	M 22* 75			0.538	42	S10T		
72	D-SPL	HTB	M 22* 80			0.585	42	F10T		
8	UR-SPL-I	PL	155* 10	320	78.50	3.89	31	SS400		
32	UR-SPL-I	TCB	M 22* 65			0.508	16	S10T		
4	COV	PL	120* 6	460	47.10	2.60	10	SS400		
4	COV-I	RB	13 ϕ	280	1.040	0.291	1	SS400		
32	COV	BN	M 12* 35			0.073	2	SS400		1-W,HDG
JL3-JL4										332 kg

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J11 JL4-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	2630	70.65	87.3	87	SS400		
2	D-SPL-U	PL	470* 9	305	70.65	10.1	20	SS400		
2	D-SPL	PL	470* 14	245	109.9	12.7	25	SS400		
4	D-SPL	PL	470* 14	230	109.9	11.9	48	SS400		
4	D-SPL	PL	470* 14	280	109.9	14.5	58	SS400		
132	D-SPL	TCB	M 22* 75			0.538	71	S10T		
36	D-SPL	HTB	M 22* 80			0.585	21	F10T		
4	UR-SPL-O	PL	155* 10	320	78.50	3.89	16	SS400		
16	UR-SPL-O	TCB	M 22* 65			0.508	8	S10T		
2	COV	PL	120* 6	460	47.10	2.60	5	SS400		
2	COV-O	RB	13 ϕ	280	1.040	0.291	1	SS400		
16	COV	BN	M 12* 35			0.073	1	SS400		1-W,HDG
10	PR-SPL	PL	175* 18	620	141.3	15.3	153	SS400		
80	PR-SPL	TCB	M 22* 95			0.598	48	S10T		
JL4-JL5										562 kg

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J11 JL5-JL6										

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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	2690	70.65	89.3	89	SS400		
2	D-SPL	PL	470* 14	155	109.9	8.01	16	SS400		
7	D-SPL	PL	470* 14	230	109.9	11.9	83	SS400		
78	D-SPL	TCB	M 22* 75			0.538	42	S10T		
72	D-SPL	HTB	M 22* 80			0.585	42	F10T		
8	UR-SPL-I	PL	155* 10	320	78.50	3.89	31	SS400		
32	UR-SPL-I	TCB	M 22* 65			0.508	16	S10T		
4	COV	PL	120* 6	460	47.10	2.60	10	SS400		
4	COV-I	RB	13 φ	280	1.040	0.291	1	SS400		
32	COV	BN	M 12* 35			0.073	2	SS400		1-W,HDG
JL5-JL6							332 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J11 JL6-JL6A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	305	70.65	10.1	10	SS400		
1	D-SPL-U	PL	470* 9	1570	70.65	52.1	52	SS400		
1	D-SPL-U	PL	470* 9	290	70.65	9.63	10	SS400		
1	D-SPL	PL	470* 14	245	109.9	12.7	13	SS400		
6	D-SPL	PL	470* 14	230	109.9	11.9	71	SS400		
60	D-SPL	TCB	M 22* 75			0.538	32	S10T		
54	D-SPL	HTB	M 22* 80			0.585	32	F10T		
6	UR-SPL-O	PL	155* 10	320	78.50	3.89	23	SS400		
24	UR-SPL-O	TCB	M 22* 65			0.508	12	S10T		
3	COV	PL	120* 6	460	47.10	2.60	8	SS400		
3	COV-O	RB	13 φ	280	1.040	0.291	1	SS400		
24	COV	BN	M 12* 35			0.073	2	SS400		1-W,HDG
JL6-JL6A							266 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J11 JL6A-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	2545	70.65	84.5	84	SS400		
1	D-SPL-U	PL	470* 9	305	70.65	10.1	10	SS400		
6	D-SPL	PL	470* 14	230	109.9	11.9	71	SS400		
1	D-SPL	PL	470* 14	155	109.9	8.01	8	SS400		
1	D-SPL	PL	470* 14	165	109.9	8.52	9	SS400		
1	D-SPL	PL	470* 14	80	109.9	4.13	4	SS400		
1	D-SPL	PL	470* 14	245	109.9	12.7	13	SS400		
78	D-SPL	TCB	M 22* 75			0.538	42	S10T		
72	D-SPL	HTB	M 22* 80			0.585	42	F10T		

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8	UR-SPL-O	PL	155* 10	320	78.50	3.89	31	SS400		
32	UR-SPL-O	TCB	M 22* 65			0.508	16	S10T		
4	COV	PL	120* 6	460	47.10	2.60	10	SS400		
4	COV-O	RB	13 φ	280	1.040	0.291	1	SS400		
32	COV	BN	M 12* 35			0.073	2	SS400		1-W,HDG
4	PR-SPL	PL	175* 18	620	141.3	15.3	61	SS400		
32	PR-SPL	TCB	M 22* 95			0.598	19	S10T		
JL6A-JL7								423 kg		

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J11 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	2975	70.65	98.8	99	SS400		
1	D-SPL	PL	470* 14	223	109.9	11.5	12	SS400		
5	D-SPL	PL	470* 14	230	109.9	11.9	60	SS400		
4	D-SPL	PL	470* 14	80	109.9	4.13	17	SS400		
1	D-SPL	PL	470* 14	155	109.9	8.01	8	SS400		
48	D-SPL	TCB	M 22* 75			0.538	26	S10T		
96	D-SPL	HTB	M 22* 80			0.585	56	F10T		
10	UR-SPL-I	PL	155* 10	320	78.50	3.89	39	SS400		
40	UR-SPL-I	TCB	M 22* 65			0.508	20	S10T		
5	COV	PL	120* 6	460	47.10	2.60	13	SS400		
5	COV-I	RB	13 φ	280	1.040	0.291	1	SS400		
40	COV	BN	M 12* 35			0.073	3	SS400		1-W,HDG
JL7-JL8								354 kg		

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J11 JL8-RR1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	970	70.65	32.2	32	SS400		
1	D-SPL-U	PL	470* 9	305	70.65	10.1	10	SS400		
1	D-SPL	PL	470* 14	270	109.9	13.9	14	SS400		
2	D-SPL	PL	470* 14	250	109.9	12.9	26	SS400		
1	D-SPL	PL	470* 14	245	109.9	12.7	13	SS400		
66	D-SPL	TCB	M 22* 75			0.538	36	S10T		
1	ST-SPL	PL	255* 9	320	70.65	5.77	6	SS400		
1	ST-SPL	PL	335* 16	320	125.6	13.5	14	SS400		
12	ST-SPL	TCB	M 22* 70			0.523	6	S10T		
2	ST-SPL	PL	80* 9	320	70.65	1.81	4	SS400		
4	ST-SPL	TCB	M 22* 65			0.508	2	S10T		
6	PR-SPL	PL	175* 18	620	141.3	15.3	92	SS400		
48	PR-SPL	TCB	M 22* 95			0.598	29	S10T		

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JL8-RR1		284 kg
J11		3412 kg

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J12 LL1-JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	970	70.65	32.2	32	SS400		
1	D-SPL-U	PL	470* 9	305	70.65	10.1	10	SS400		
1	D-SPL	PL	470* 14	270	109.9	13.9	14	SS400		
2	D-SPL	PL	470* 14	250	109.9	12.9	26	SS400		
1	D-SPL	PL	470* 14	245	109.9	12.7	13	SS400		
66	D-SPL	TCB	M 22* 75			0.538	36	S10T		
1	ST-SPL	PL	255* 9	320	70.65	5.77	6	SS400		
1	ST-SPL	PL	335* 16	320	125.6	13.5	14	SS400		
12	ST-SPL	TCB	M 22* 70			0.523	6	S10T		
2	ST-SPL	PL	80* 9	320	70.65	1.81	4	SS400		
4	ST-SPL	TCB	M 22* 65			0.508	2	S10T		
6	PR-SPL	PL	175* 18	620	141.3	15.3	92	SS400		
48	PR-SPL	TCB	M 22* 95			0.598	29	S10T		
LL1-JL1							284 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J12 JL1-JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	2975	70.65	98.8	99	SS400		
1	D-SPL	PL	470* 14	223	109.9	11.5	12	SS400		
5	D-SPL	PL	470* 14	230	109.9	11.9	60	SS400		
4	D-SPL	PL	470* 14	80	109.9	4.13	17	SS400		
1	D-SPL	PL	470* 14	155	109.9	8.01	8	SS400		
48	D-SPL	TCB	M 22* 75			0.538	26	S10T		
96	D-SPL	HTB	M 22* 80			0.585	56	F10T		
10	UR-SPL-I	PL	155* 10	320	78.50	3.89	39	SS400		
40	UR-SPL-I	TCB	M 22* 65			0.508	20	S10T		
5	COV	PL	120* 6	460	47.10	2.60	13	SS400		
5	COV-I	RB	13 φ	280	1.040	0.291	1	SS400		
40	COV	BN	M 12* 35			0.073	3	SS400		1-W,HDG
JL1-JL2							354 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J12 JL2-JL3										

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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	980	70.65	32.5	32	SS400		
2	D-SPL-U	PL	470* 9	305	70.65	10.1	20	SS400		
2	D-SPL	PL	470* 14	245	109.9	12.7	25	SS400		
2	D-SPL	PL	470* 14	230	109.9	11.9	24	SS400		
2	D-SPL	PL	470* 14	80	109.9	4.13	8	SS400		
36	D-SPL	TCB	M 22* 75			0.538	19	S10T		
36	D-SPL	HTB	M 22* 80			0.585	21	F10T		
4	UR-SPL-O	PL	155* 10	320	78.50	3.89	16	SS400		
16	UR-SPL-O	TCB	M 22* 65			0.508	8	S10T		
2	COV	PL	120* 6	460	47.10	2.60	5	SS400		
2	COV-O	RB	13 φ	280	1.040	0.291	1	SS400		
16	COV	BN	M 12* 35			0.073	1	SS400		1-W,HDG
2	PR-SPL	PL	175* 18	620	141.3	15.3	31	SS400		
16	PR-SPL	TCB	M 22* 95			0.598	10	S10T		
JL2-JL3							221 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J12 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	2690	70.65	89.3	89	SS400		
2	D-SPL	PL	470* 14	155	109.9	8.01	16	SS400		
7	D-SPL	PL	470* 14	230	109.9	11.9	83	SS400		
78	D-SPL	TCB	M 22* 75			0.538	42	S10T		
72	D-SPL	HTB	M 22* 80			0.585	42	F10T		
8	UR-SPL-I	PL	155* 10	320	78.50	3.89	31	SS400		
32	UR-SPL-I	TCB	M 22* 65			0.508	16	S10T		
4	COV	PL	120* 6	460	47.10	2.60	10	SS400		
4	COV-I	RB	13 φ	280	1.040	0.291	1	SS400		
32	COV	BN	M 12* 35			0.073	2	SS400		1-W,HDG
JL3-JL4							332 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J12 JL4-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	2630	70.65	87.3	87	SS400		
2	D-SPL-U	PL	470* 9	305	70.65	10.1	20	SS400		
2	D-SPL	PL	470* 14	245	109.9	12.7	25	SS400		
4	D-SPL	PL	470* 14	230	109.9	11.9	48	SS400		
4	D-SPL	PL	470* 14	280	109.9	14.5	58	SS400		
132	D-SPL	TCB	M 22* 75			0.538	71	S10T		
36	D-SPL	HTB	M 22* 80			0.585	21	F10T		

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4	UR-SPL-O	PL	155* 10	320	78.50	3.89	16	SS400		
16	UR-SPL-O	TCB	M 22* 65			0.508	8	S10T		
2	COV	PL	120* 6	460	47.10	2.60	5	SS400		
2	COV-O	RB	13 φ	280	1.040	0.291	1	SS400		
16	COV	BN	M 12* 35			0.073	1	SS400		1-W,HDG
10	PR-SPL	PL	175* 18	620	141.3	15.3	153	SS400		
80	PR-SPL	TCB	M 22* 95			0.598	48	S10T		
JL4-JL5								562 kg		

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J12 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	2690	70.65	89.3	89	SS400		
2	D-SPL	PL	470* 14	155	109.9	8.01	16	SS400		
7	D-SPL	PL	470* 14	230	109.9	11.9	83	SS400		
78	D-SPL	TCB	M 22* 75			0.538	42	S10T		
72	D-SPL	HTB	M 22* 80			0.585	42	F10T		
8	UR-SPL-I	PL	155* 10	320	78.50	3.89	31	SS400		
32	UR-SPL-I	TCB	M 22* 65			0.508	16	S10T		
4	COV	PL	120* 6	460	47.10	2.60	10	SS400		
4	COV-I	RB	13 φ	280	1.040	0.291	1	SS400		
32	COV	BN	M 12* 35			0.073	2	SS400		1-W,HDG
JL5-JL6								332 kg		

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J12 JL6-JL6A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	305	70.65	10.1	10	SS400		
1	D-SPL-U	PL	470* 9	1570	70.65	52.1	52	SS400		
1	D-SPL-U	PL	470* 9	290	70.65	9.63	10	SS400		
1	D-SPL	PL	470* 14	245	109.9	12.7	13	SS400		
6	D-SPL	PL	470* 14	230	109.9	11.9	71	SS400		
60	D-SPL	TCB	M 22* 75			0.538	32	S10T		
54	D-SPL	HTB	M 22* 80			0.585	32	F10T		
6	UR-SPL-O	PL	155* 10	320	78.50	3.89	23	SS400		
24	UR-SPL-O	TCB	M 22* 65			0.508	12	S10T		
3	COV	PL	120* 6	460	47.10	2.60	8	SS400		
3	COV-O	RB	13 φ	280	1.040	0.291	1	SS400		
24	COV	BN	M 12* 35			0.073	2	SS400		1-W,HDG
JL6-JL6A								266 kg		

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APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J12 JL6A-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	2435	70.65	80.8	81	SS400		
1	D-SPL-U	PL	470* 9	305	70.65	10.1	10	SS400		
6	D-SPL	PL	470* 14	230	109.9	11.9	71	SS400		
1	D-SPL	PL	470* 14	80	109.9	4.13	4	SS400		
1	D-SPL	PL	470* 14	245	109.9	12.7	13	SS400		
66	D-SPL	TCB	M 22* 75			0.538	36	S10T		
72	D-SPL	HTB	M 22* 80			0.585	42	F10T		
8	UR-SPL-O	PL	155* 10	320	78.50	3.89	31	SS400		
32	UR-SPL-O	TCB	M 22* 65			0.508	16	S10T		
4	COV	PL	120* 6	460	47.10	2.60	10	SS400		
4	COV-O	RB	13 φ	280	1.040	0.291	1	SS400		
32	COV	BN	M 12* 35			0.073	2	SS400		1-W,HDG
4	PR-SPL	PL	175* 18	620	141.3	15.3	61	SS400		
32	PR-SPL	TCB	M 22* 95			0.598	19	S10T		
JL6A-JL7							397 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J12 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	2975	70.65	98.8	99	SS400		
1	D-SPL	PL	470* 14	223	109.9	11.5	12	SS400		
5	D-SPL	PL	470* 14	230	109.9	11.9	60	SS400		
4	D-SPL	PL	470* 14	80	109.9	4.13	17	SS400		
1	D-SPL	PL	470* 14	155	109.9	8.01	8	SS400		
48	D-SPL	TCB	M 22* 75			0.538	26	S10T		
96	D-SPL	HTB	M 22* 80			0.585	56	F10T		
10	UR-SPL-I	PL	155* 10	320	78.50	3.89	39	SS400		
40	UR-SPL-I	TCB	M 22* 65			0.508	20	S10T		
5	COV	PL	120* 6	460	47.10	2.60	13	SS400		
5	COV-I	RB	13 φ	280	1.040	0.291	1	SS400		
40	COV	BN	M 12* 35			0.073	3	SS400		1-W,HDG
JL7-JL8							354 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J12 JL8-RR1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	970	70.65	32.2	32	SS400		
1	D-SPL-U	PL	470* 9	305	70.65	10.1	10	SS400		
1	D-SPL	PL	470* 14	270	109.9	13.9	14	SS400		

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2	D-SPL	PL	470* 14	250	109.9	12.9	26	SS400		
1	D-SPL	PL	470* 14	245	109.9	12.7	13	SS400		
66	D-SPL	TCB	M 22* 75			0.538	36	S10T		
1	ST-SPL	PL	255* 9	320	70.65	5.77	6	SS400		
1	ST-SPL	PL	335* 16	320	125.6	13.5	14	SS400		
12	ST-SPL	TCB	M 22* 70			0.523	6	S10T		
2	ST-SPL	PL	80* 9	320	70.65	1.81	4	SS400		
4	ST-SPL	TCB	M 22* 65			0.508	2	S10T		
6	PR-SPL	PL	175* 18	620	141.3	15.3	92	SS400		
48	PR-SPL	TCB	M 22* 95			0.598	29	S10T		
JL8-RR1							284 kg			
J12										
							3386 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J13 LL1-JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	970	70.65	32.2	32	SS400		
1	D-SPL-U	PL	470* 9	305	70.65	10.1	10	SS400		
1	D-SPL	PL	470* 14	270	109.9	13.9	14	SS400		
2	D-SPL	PL	470* 14	250	109.9	12.9	26	SS400		
1	D-SPL	PL	470* 14	245	109.9	12.7	13	SS400		
66	D-SPL	TCB	M 22* 75			0.538	36	S10T		
1	ST-SPL	PL	255* 9	320	70.65	5.77	6	SS400		
1	ST-SPL	PL	335* 16	320	125.6	13.5	14	SS400		
12	ST-SPL	TCB	M 22* 70			0.523	6	S10T		
2	ST-SPL	PL	80* 9	320	70.65	1.81	4	SS400		
4	ST-SPL	TCB	M 22* 65			0.508	2	S10T		
6	PR-SPL	PL	175* 18	620	141.3	15.3	92	SS400		
48	PR-SPL	TCB	M 22* 95			0.598	29	S10T		
LL1-JL1							284 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J13 JL1-JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	2975	70.65	98.8	99	SS400		
1	D-SPL	PL	470* 14	223	109.9	11.5	12	SS400		
5	D-SPL	PL	470* 14	230	109.9	11.9	60	SS400		
4	D-SPL	PL	470* 14	80	109.9	4.13	17	SS400		
1	D-SPL	PL	470* 14	155	109.9	8.01	8	SS400		
48	D-SPL	TCB	M 22* 75			0.538	26	S10T		
96	D-SPL	HTB	M 22* 80			0.585	56	F10T		

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10	UR-SPL-I	PL	155* 10	320	78.50	3.89	39	SS400		
40	UR-SPL-I	TCB	M 22* 65			0.508	20	S10T		
5	COV	PL	120* 6	460	47.10	2.60	13	SS400		
5	COV-I	RB	13 φ	280	1.040	0.291	1	SS400		
40	COV	BN	M 12* 35			0.073	3	SS400		1-W,HDG
JL1-JL2							354 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J13 JL2-JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	980	70.65	32.5	32	SS400		
2	D-SPL-U	PL	470* 9	305	70.65	10.1	20	SS400		
2	D-SPL	PL	470* 14	245	109.9	12.7	25	SS400		
2	D-SPL	PL	470* 14	230	109.9	11.9	24	SS400		
2	D-SPL	PL	470* 14	80	109.9	4.13	8	SS400		
36	D-SPL	TCB	M 22* 75			0.538	19	S10T		
36	D-SPL	HTB	M 22* 80			0.585	21	F10T		
4	UR-SPL-O	PL	155* 10	320	78.50	3.89	16	SS400		
16	UR-SPL-O	TCB	M 22* 65			0.508	8	S10T		
2	COV	PL	120* 6	460	47.10	2.60	5	SS400		
2	COV-O	RB	13 φ	280	1.040	0.291	1	SS400		
16	COV	BN	M 12* 35			0.073	1	SS400		1-W,HDG
2	PR-SPL	PL	175* 18	620	141.3	15.3	31	SS400		
16	PR-SPL	TCB	M 22* 95			0.598	10	S10T		
JL2-JL3							221 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J13 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	2690	70.65	89.3	89	SS400		
2	D-SPL	PL	470* 14	155	109.9	8.01	16	SS400		
7	D-SPL	PL	470* 14	230	109.9	11.9	83	SS400		
78	D-SPL	TCB	M 22* 75			0.538	42	S10T		
72	D-SPL	HTB	M 22* 80			0.585	42	F10T		
8	UR-SPL-I	PL	155* 10	320	78.50	3.89	31	SS400		
32	UR-SPL-I	TCB	M 22* 65			0.508	16	S10T		
4	COV	PL	120* 6	460	47.10	2.60	10	SS400		
4	COV-I	RB	13 φ	280	1.040	0.291	1	SS400		
32	COV	BN	M 12* 35			0.073	2	SS400		1-W,HDG
JL3-JL4							332 kg			

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APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J13 JL4-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	2630	70.65	87.3	87	SS400		
2	D-SPL-U	PL	470* 9	305	70.65	10.1	20	SS400		
2	D-SPL	PL	470* 14	245	109.9	12.7	25	SS400		
4	D-SPL	PL	470* 14	230	109.9	11.9	48	SS400		
4	D-SPL	PL	470* 14	280	109.9	14.5	58	SS400		
132	D-SPL	TCB	M 22* 75			0.538	71	S10T		
36	D-SPL	HTB	M 22* 80			0.585	21	F10T		
4	UR-SPL-O	PL	155* 10	320	78.50	3.89	16	SS400		
16	UR-SPL-O	TCB	M 22* 65			0.508	8	S10T		
2	COV	PL	120* 6	460	47.10	2.60	5	SS400		
2	COV-O	RB	13 φ	280	1.040	0.291	1	SS400		
16	COV	BN	M 12* 35			0.073	1	SS400		1-W,HDG
10	PR-SPL	PL	175* 18	620	141.3	15.3	153	SS400		
80	PR-SPL	TCB	M 22* 95			0.598	48	S10T		
							JL4-JL5			
							562 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J13 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	2690	70.65	89.3	89	SS400		
2	D-SPL	PL	470* 14	155	109.9	8.01	16	SS400		
7	D-SPL	PL	470* 14	230	109.9	11.9	83	SS400		
78	D-SPL	TCB	M 22* 75			0.538	42	S10T		
72	D-SPL	HTB	M 22* 80			0.585	42	F10T		
8	UR-SPL-I	PL	155* 10	320	78.50	3.89	31	SS400		
32	UR-SPL-I	TCB	M 22* 65			0.508	16	S10T		
4	COV	PL	120* 6	460	47.10	2.60	10	SS400		
4	COV-I	RB	13 φ	280	1.040	0.291	1	SS400		
32	COV	BN	M 12* 35			0.073	2	SS400		1-W,HDG
							JL5-JL6			
							332 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J13 JL6-JL6A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	305	70.65	10.1	10	SS400		
1	D-SPL-U	PL	470* 9	1570	70.65	52.1	52	SS400		
1	D-SPL-U	PL	470* 9	290	70.65	9.63	10	SS400		
1	D-SPL	PL	470* 14	245	109.9	12.7	13	SS400		
6	D-SPL	PL	470* 14	230	109.9	11.9	71	SS400		

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60	D-SPL	TCB	M 22* 75			0.538	32	S10T		
54	D-SPL	HTB	M 22* 80			0.585	32	F10T		
6	UR-SPL-O	PL	155* 10	320	78.50	3.89	23	SS400		
24	UR-SPL-O	TCB	M 22* 65			0.508	12	S10T		
3	COV	PL	120* 6	460	47.10	2.60	8	SS400		
3	COV-O	RB	13 φ	280	1.040	0.291	1	SS400		
24	COV	BN	M 12* 35			0.073	2	SS400		1-W,HDG
JL6-JL6A							266 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J13 JL6A-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	2359	70.65	78.4	78	SS400		
1	D-SPL-U	PL	470* 9	305	70.65	10.1	10	SS400		
6	D-SPL	PL	470* 14	230	109.9	11.9	71	SS400		
1	D-SPL	PL	470* 14	180	109.9	9.30	9	SS400		
1	D-SPL	PL	470* 14	80	109.9	4.13	4	SS400		
1	D-SPL	PL	470* 14	245	109.9	12.7	13	SS400		
66	D-SPL	TCB	M 22* 75			0.538	36	S10T		
72	D-SPL	HTB	M 22* 80			0.585	42	F10T		
8	UR-SPL-O	PL	155* 10	320	78.50	3.89	31	SS400		
32	UR-SPL-O	TCB	M 22* 65			0.508	16	S10T		
4	COV	PL	120* 6	460	47.10	2.60	10	SS400		
4	COV-O	RB	13 φ	280	1.040	0.291	1	SS400		
32	COV	BN	M 12* 35			0.073	2	SS400		1-W,HDG
2	PR-SPL	PL	175* 18	620	141.3	15.3	31	SS400		
16	PR-SPL	TCB	M 22* 95			0.598	10	S10T		
JL6A-JL7							364 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J13 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	2975	70.65	98.8	99	SS400		
1	D-SPL	PL	470* 14	223	109.9	11.5	12	SS400		
5	D-SPL	PL	470* 14	230	109.9	11.9	60	SS400		
4	D-SPL	PL	470* 14	80	109.9	4.13	17	SS400		
1	D-SPL	PL	470* 14	155	109.9	8.01	8	SS400		
48	D-SPL	TCB	M 22* 75			0.538	26	S10T		
96	D-SPL	HTB	M 22* 80			0.585	56	F10T		
10	UR-SPL-I	PL	155* 10	320	78.50	3.89	39	SS400		
40	UR-SPL-I	TCB	M 22* 65			0.508	20	S10T		
5	COV	PL	120* 6	460	47.10	2.60	13	SS400		

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5	COV-I	RB	13 φ	280	1.040	0.291	1	SS400		
40	COV	BN	M 12* 35			0.073	3	SS400		1-W,HDG
JL7-JL8							354 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J13 JL8-RR1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	970	70.65	32.2	32	SS400		
1	D-SPL-U	PL	470* 9	305	70.65	10.1	10	SS400		
1	D-SPL	PL	470* 14	270	109.9	13.9	14	SS400		
2	D-SPL	PL	470* 14	250	109.9	12.9	26	SS400		
1	D-SPL	PL	470* 14	245	109.9	12.7	13	SS400		
66	D-SPL	TCB	M 22* 75			0.538	36	S10T		
1	ST-SPL	PL	255* 9	320	70.65	5.77	6	SS400		
1	ST-SPL	PL	335* 16	320	125.6	13.5	14	SS400		
12	ST-SPL	TCB	M 22* 70			0.523	6	S10T		
2	ST-SPL	PL	80* 9	320	70.65	1.81	4	SS400		
4	ST-SPL	TCB	M 22* 65			0.508	2	S10T		
6	PR-SPL	PL	175* 18	620	141.3	15.3	92	SS400		
48	PR-SPL	TCB	M 22* 95			0.598	29	S10T		
JL8-RR1							284 kg			
J13							3353 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J14 LL1-JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	970	70.65	32.2	32	SS400		
1	D-SPL-U	PL	470* 9	305	70.65	10.1	10	SS400		
1	D-SPL	PL	470* 14	270	109.9	13.9	14	SS400		
2	D-SPL	PL	470* 14	250	109.9	12.9	26	SS400		
1	D-SPL	PL	470* 14	245	109.9	12.7	13	SS400		
66	D-SPL	TCB	M 22* 75			0.538	36	S10T		
1	ST-SPL	PL	255* 9	320	70.65	5.77	6	SS400		
1	ST-SPL	PL	335* 16	320	125.6	13.5	14	SS400		
12	ST-SPL	TCB	M 22* 70			0.523	6	S10T		
2	ST-SPL	PL	80* 9	320	70.65	1.81	4	SS400		
4	ST-SPL	TCB	M 22* 65			0.508	2	S10T		
6	PR-SPL	PL	175* 18	620	141.3	15.3	92	SS400		
48	PR-SPL	TCB	M 22* 95			0.598	29	S10T		
LL1-JL1							284 kg			

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APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J14 JL1-JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	2975	70.65	98.8	99	SS400		
1	D-SPL	PL	470* 14	223	109.9	11.5	12	SS400		
5	D-SPL	PL	470* 14	230	109.9	11.9	60	SS400		
4	D-SPL	PL	470* 14	80	109.9	4.13	17	SS400		
1	D-SPL	PL	470* 14	155	109.9	8.01	8	SS400		
48	D-SPL	TCB	M 22* 75			0.538	26	S10T		
96	D-SPL	HTB	M 22* 80			0.585	56	F10T		
10	UR-SPL-I	PL	155* 10	320	78.50	3.89	39	SS400		
40	UR-SPL-I	TCB	M 22* 65			0.508	20	S10T		
5	COV	PL	120* 6	460	47.10	2.60	13	SS400		
5	COV-I	RB	13 φ	280	1.040	0.291	1	SS400		
40	COV	BN	M 12* 35			0.073	3	SS400		1-W,HDG
JL1-JL2							354 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J14 JL2-JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	980	70.65	32.5	32	SS400		
2	D-SPL-U	PL	470* 9	305	70.65	10.1	20	SS400		
2	D-SPL	PL	470* 14	245	109.9	12.7	25	SS400		
2	D-SPL	PL	470* 14	230	109.9	11.9	24	SS400		
2	D-SPL	PL	470* 14	80	109.9	4.13	8	SS400		
36	D-SPL	TCB	M 22* 75			0.538	19	S10T		
36	D-SPL	HTB	M 22* 80			0.585	21	F10T		
4	UR-SPL-O	PL	155* 10	320	78.50	3.89	16	SS400		
16	UR-SPL-O	TCB	M 22* 65			0.508	8	S10T		
2	COV	PL	120* 6	460	47.10	2.60	5	SS400		
2	COV-O	RB	13 φ	280	1.040	0.291	1	SS400		
16	COV	BN	M 12* 35			0.073	1	SS400		1-W,HDG
2	PR-SPL	PL	175* 18	620	141.3	15.3	31	SS400		
16	PR-SPL	TCB	M 22* 95			0.598	10	S10T		
JL2-JL3							221 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J14 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	2690	70.65	89.3	89	SS400		
2	D-SPL	PL	470* 14	155	109.9	8.01	16	SS400		

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7	D-SPL	PL	470* 14	230	109.9	11.9	83	SS400		
78	D-SPL	TCB	M 22* 75			0.538	42	S10T		
72	D-SPL	HTB	M 22* 80			0.585	42	F10T		
8	UR-SPL-I	PL	155* 10	320	78.50	3.89	31	SS400		
32	UR-SPL-I	TCB	M 22* 65			0.508	16	S10T		
4	COV	PL	120* 6	460	47.10	2.60	10	SS400		
4	COV-I	RB	13 φ	280	1.040	0.291	1	SS400		
32	COV	BN	M 12* 35			0.073	2	SS400		1-W,HDG
JL3-JL4								332 kg		

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J14 JL4-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	2630	70.65	87.3	87	SS400		
2	D-SPL-U	PL	470* 9	305	70.65	10.1	20	SS400		
2	D-SPL	PL	470* 14	245	109.9	12.7	25	SS400		
4	D-SPL	PL	470* 14	230	109.9	11.9	48	SS400		
4	D-SPL	PL	470* 14	280	109.9	14.5	58	SS400		
132	D-SPL	TCB	M 22* 75			0.538	71	S10T		
36	D-SPL	HTB	M 22* 80			0.585	21	F10T		
4	UR-SPL-O	PL	155* 10	320	78.50	3.89	16	SS400		
16	UR-SPL-O	TCB	M 22* 65			0.508	8	S10T		
2	COV	PL	120* 6	460	47.10	2.60	5	SS400		
2	COV-O	RB	13 φ	280	1.040	0.291	1	SS400		
16	COV	BN	M 12* 35			0.073	1	SS400		1-W,HDG
10	PR-SPL	PL	175* 18	620	141.3	15.3	153	SS400		
80	PR-SPL	TCB	M 22* 95			0.598	48	S10T		
JL4-JL5								562 kg		

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J14 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	2690	70.65	89.3	89	SS400		
2	D-SPL	PL	470* 14	155	109.9	8.01	16	SS400		
7	D-SPL	PL	470* 14	230	109.9	11.9	83	SS400		
78	D-SPL	TCB	M 22* 75			0.538	42	S10T		
72	D-SPL	HTB	M 22* 80			0.585	42	F10T		
8	UR-SPL-I	PL	155* 10	320	78.50	3.89	31	SS400		
32	UR-SPL-I	TCB	M 22* 65			0.508	16	S10T		
4	COV	PL	120* 6	460	47.10	2.60	10	SS400		
4	COV-I	RB	13 φ	280	1.040	0.291	1	SS400		
32	COV	BN	M 12* 35			0.073	2	SS400		1-W,HDG

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JL5-JL6	332 kg
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APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J14 JL6-JL6A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	305	70.65	10.1	10	SS400		
1	D-SPL-U	PL	470* 9	1570	70.65	52.1	52	SS400		
1	D-SPL-U	PL	470* 9	290	70.65	9.63	10	SS400		
1	D-SPL	PL	470* 14	245	109.9	12.7	13	SS400		
6	D-SPL	PL	470* 14	230	109.9	11.9	71	SS400		
60	D-SPL	TCB	M 22* 75			0.538	32	S10T		
54	D-SPL	HTB	M 22* 80			0.585	32	F10T		
6	UR-SPL-O	PL	155* 10	320	78.50	3.89	23	SS400		
24	UR-SPL-O	TCB	M 22* 65			0.508	12	S10T		
3	COV	PL	120* 6	460	47.10	2.60	8	SS400		
3	COV-O	RB	13 φ	280	1.040	0.291	1	SS400		
24	COV	BN	M 12* 35			0.073	2	SS400		1-W,HDG
JL6-JL6A							266 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J14 JL6A-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	2322	70.65	77.1	77	SS400		
1	D-SPL-U	PL	470* 9	305	70.65	10.1	10	SS400		
6	D-SPL	PL	470* 14	230	109.9	11.9	71	SS400		
1	D-SPL	PL	470* 14	155	109.9	8.01	8	SS400		
1	D-SPL	PL	470* 14	80	109.9	4.13	4	SS400		
1	D-SPL	PL	470* 14	245	109.9	12.7	13	SS400		
66	D-SPL	TCB	M 22* 75			0.538	36	S10T		
72	D-SPL	HTB	M 22* 80			0.585	42	F10T		
8	UR-SPL-O	PL	155* 10	320	78.50	3.89	31	SS400		
32	UR-SPL-O	TCB	M 22* 65			0.508	16	S10T		
4	COV	PL	120* 6	460	47.10	2.60	10	SS400		
4	COV-O	RB	13 φ	280	1.040	0.291	1	SS400		
32	COV	BN	M 12* 35			0.073	2	SS400		1-W,HDG
2	PR-SPL	PL	175* 18	620	141.3	15.3	31	SS400		
16	PR-SPL	TCB	M 22* 95			0.598	10	S10T		
JL6A-JL7							362 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J14 JL7-JL8										
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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	2975	70.65	98.8	99	SS400		
1	D-SPL	PL	470* 14	223	109.9	11.5	12	SS400		
5	D-SPL	PL	470* 14	230	109.9	11.9	60	SS400		
4	D-SPL	PL	470* 14	80	109.9	4.13	17	SS400		
1	D-SPL	PL	470* 14	155	109.9	8.01	8	SS400		
48	D-SPL	TCB	M 22* 75			0.538	26	S10T		
96	D-SPL	HTB	M 22* 80			0.585	56	F10T		
10	UR-SPL-I	PL	155* 10	320	78.50	3.89	39	SS400		
40	UR-SPL-I	TCB	M 22* 65			0.508	20	S10T		
5	COV	PL	120* 6	460	47.10	2.60	13	SS400		
5	COV-I	RB	13 φ	280	1.040	0.291	1	SS400		
40	COV	BN	M 12* 35			0.073	3	SS400		1-W,HDG
JL7-JL8							354 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J14 JL8-RR1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	970	70.65	32.2	32	SS400		
1	D-SPL-U	PL	470* 9	305	70.65	10.1	10	SS400		
1	D-SPL	PL	470* 14	270	109.9	13.9	14	SS400		
2	D-SPL	PL	470* 14	250	109.9	12.9	26	SS400		
1	D-SPL	PL	470* 14	245	109.9	12.7	13	SS400		
66	D-SPL	TCB	M 22* 75			0.538	36	S10T		
1	ST-SPL	PL	255* 9	320	70.65	5.77	6	SS400		
1	ST-SPL	PL	335* 16	320	125.6	13.5	14	SS400		
12	ST-SPL	TCB	M 22* 70			0.523	6	S10T		
2	ST-SPL	PL	80* 9	320	70.65	1.81	4	SS400		
4	ST-SPL	TCB	M 22* 65			0.508	2	S10T		
6	PR-SPL	PL	175* 18	620	141.3	15.3	92	SS400		
48	PR-SPL	TCB	M 22* 95			0.598	29	S10T		
JL8-RR1							284 kg			
J14							3351 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J15 LL1-JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	970	70.65	32.2	32	SS400		
1	D-SPL-U	PL	470* 9	305	70.65	10.1	10	SS400		
1	D-SPL	PL	470* 14	270	109.9	13.9	14	SS400		
2	D-SPL	PL	470* 14	250	109.9	12.9	26	SS400		

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1	D-SPL	PL	470* 14	245	109.9	12.7	13	SS400		
66	D-SPL	TCB	M 22* 75			0.538	36	S10T		
1	ST-SPL	PL	255* 9	320	70.65	5.77	6	SS400		
1	ST-SPL	PL	335* 16	320	125.6	13.5	14	SS400		
12	ST-SPL	TCB	M 22* 70			0.523	6	S10T		
2	ST-SPL	PL	80* 9	320	70.65	1.81	4	SS400		
4	ST-SPL	TCB	M 22* 65			0.508	2	S10T		
6	PR-SPL	PL	175* 18	620	141.3	15.3	92	SS400		
48	PR-SPL	TCB	M 22* 95			0.598	29	S10T		
LL1-JL1							284 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J15 JL1-JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	2975	70.65	98.8	99	SS400		
1	D-SPL	PL	470* 14	223	109.9	11.5	12	SS400		
5	D-SPL	PL	470* 14	230	109.9	11.9	60	SS400		
4	D-SPL	PL	470* 14	80	109.9	4.13	17	SS400		
1	D-SPL	PL	470* 14	155	109.9	8.01	8	SS400		
48	D-SPL	TCB	M 22* 75			0.538	26	S10T		
96	D-SPL	HTB	M 22* 80			0.585	56	F10T		
10	UR-SPL-I	PL	155* 10	320	78.50	3.89	39	SS400		
40	UR-SPL-I	TCB	M 22* 65			0.508	20	S10T		
5	COV	PL	120* 6	460	47.10	2.60	13	SS400		
5	COV-I	RB	13 φ	280	1.040	0.291	1	SS400		
40	COV	BN	M 12* 35			0.073	3	SS400		1-W,HDG
JL1-JL2							354 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J15 JL2-JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	980	70.65	32.5	32	SS400		
2	D-SPL-U	PL	470* 9	305	70.65	10.1	20	SS400		
2	D-SPL	PL	470* 14	245	109.9	12.7	25	SS400		
2	D-SPL	PL	470* 14	230	109.9	11.9	24	SS400		
2	D-SPL	PL	470* 14	80	109.9	4.13	8	SS400		
36	D-SPL	TCB	M 22* 75			0.538	19	S10T		
36	D-SPL	HTB	M 22* 80			0.585	21	F10T		
4	UR-SPL-O	PL	155* 10	320	78.50	3.89	16	SS400		
16	UR-SPL-O	TCB	M 22* 65			0.508	8	S10T		
2	COV	PL	120* 6	460	47.10	2.60	5	SS400		
2	COV-O	RB	13 φ	280	1.040	0.291	1	SS400		

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16	COV	BN	M 12* 35			0.073	1	SS400		1-W,HDG
2	PR-SPL	PL	175* 18	620	141.3	15.3	31	SS400		
16	PR-SPL	TCB	M 22* 95			0.598	10	S10T		
JL2-JL3							221 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J15 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	2690	70.65	89.3	89	SS400		
2	D-SPL	PL	470* 14	155	109.9	8.01	16	SS400		
7	D-SPL	PL	470* 14	230	109.9	11.9	83	SS400		
78	D-SPL	TCB	M 22* 75			0.538	42	S10T		
72	D-SPL	HTB	M 22* 80			0.585	42	F10T		
8	UR-SPL-I	PL	155* 10	320	78.50	3.89	31	SS400		
32	UR-SPL-I	TCB	M 22* 65			0.508	16	S10T		
4	COV	PL	120* 6	460	47.10	2.60	10	SS400		
4	COV-I	RB	13 ϕ	280	1.040	0.291	1	SS400		
32	COV	BN	M 12* 35			0.073	2	SS400		1-W,HDG
JL3-JL4							332 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J15 JL4-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	2630	70.65	87.3	87	SS400		
2	D-SPL-U	PL	470* 9	305	70.65	10.1	20	SS400		
2	D-SPL	PL	470* 14	245	109.9	12.7	25	SS400		
4	D-SPL	PL	470* 14	230	109.9	11.9	48	SS400		
4	D-SPL	PL	470* 14	280	109.9	14.5	58	SS400		
132	D-SPL	TCB	M 22* 75			0.538	71	S10T		
36	D-SPL	HTB	M 22* 80			0.585	21	F10T		
4	UR-SPL-O	PL	155* 10	320	78.50	3.89	16	SS400		
16	UR-SPL-O	TCB	M 22* 65			0.508	8	S10T		
2	COV	PL	120* 6	460	47.10	2.60	5	SS400		
2	COV-O	RB	13 ϕ	280	1.040	0.291	1	SS400		
16	COV	BN	M 12* 35			0.073	1	SS400		1-W,HDG
10	PR-SPL	PL	175* 18	620	141.3	15.3	153	SS400		
80	PR-SPL	TCB	M 22* 95			0.598	48	S10T		
JL4-JL5							562 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J15 JL5-JL6										

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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	2690	70.65	89.3	89	SS400		
2	D-SPL	PL	470* 14	155	109.9	8.01	16	SS400		
7	D-SPL	PL	470* 14	230	109.9	11.9	83	SS400		
78	D-SPL	TCB	M 22* 75			0.538	42	S10T		
72	D-SPL	HTB	M 22* 80			0.585	42	F10T		
8	UR-SPL-I	PL	155* 10	320	78.50	3.89	31	SS400		
32	UR-SPL-I	TCB	M 22* 65			0.508	16	S10T		
4	COV	PL	120* 6	460	47.10	2.60	10	SS400		
4	COV-I	RB	13 φ	280	1.040	0.291	1	SS400		
32	COV	BN	M 12* 35			0.073	2	SS400		1-W,HDG
JL5-JL6							332 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J15 JL6-JL6A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	305	70.65	10.1	10	SS400		
1	D-SPL-U	PL	470* 9	1570	70.65	52.1	52	SS400		
1	D-SPL-U	PL	470* 9	290	70.65	9.63	10	SS400		
1	D-SPL	PL	470* 14	245	109.9	12.7	13	SS400		
6	D-SPL	PL	470* 14	230	109.9	11.9	71	SS400		
60	D-SPL	TCB	M 22* 75			0.538	32	S10T		
54	D-SPL	HTB	M 22* 80			0.585	32	F10T		
6	UR-SPL-O	PL	155* 10	320	78.50	3.89	23	SS400		
24	UR-SPL-O	TCB	M 22* 65			0.508	12	S10T		
3	COV	PL	120* 6	460	47.10	2.60	8	SS400		
3	COV-O	RB	13 φ	280	1.040	0.291	1	SS400		
24	COV	BN	M 12* 35			0.073	2	SS400		1-W,HDG
JL6-JL6A							266 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J15 JL6A-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	2310	70.65	76.7	77	SS400		
1	D-SPL-U	PL	470* 9	305	70.65	10.1	10	SS400		
6	D-SPL	PL	470* 14	230	109.9	11.9	71	SS400		
1	D-SPL	PL	470* 14	155	109.9	8.01	8	SS400		
1	D-SPL	PL	470* 14	80	109.9	4.13	4	SS400		
1	D-SPL	PL	470* 14	245	109.9	12.7	13	SS400		
66	D-SPL	TCB	M 22* 75			0.538	36	S10T		
72	D-SPL	HTB	M 22* 80			0.585	42	F10T		
8	UR-SPL-O	PL	155* 10	320	78.50	3.89	31	SS400		

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32	UR-SPL-O	TCB	M 22* 65			0.508	16	S10T		
4	COV	PL	120* 6	460	47.10	2.60	10	SS400		
4	COV-O	RB	13 φ	280	1.040	0.291	1	SS400		
32	COV	BN	M 12* 35			0.073	2	SS400		1-W,HDG
2	PR-SPL	PL	175* 18	620	141.3	15.3	31	SS400		
16	PR-SPL	TCB	M 22* 95			0.598	10	S10T		
JL6A-JL7										
362 kg										

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J15 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	2975	70.65	98.8	99	SS400		
1	D-SPL	PL	470* 14	223	109.9	11.5	12	SS400		
5	D-SPL	PL	470* 14	230	109.9	11.9	60	SS400		
4	D-SPL	PL	470* 14	80	109.9	4.13	17	SS400		
1	D-SPL	PL	470* 14	155	109.9	8.01	8	SS400		
48	D-SPL	TCB	M 22* 75			0.538	26	S10T		
96	D-SPL	HTB	M 22* 80			0.585	56	F10T		
10	UR-SPL-I	PL	155* 10	320	78.50	3.89	39	SS400		
40	UR-SPL-I	TCB	M 22* 65			0.508	20	S10T		
5	COV	PL	120* 6	460	47.10	2.60	13	SS400		
5	COV-I	RB	13 φ	280	1.040	0.291	1	SS400		
40	COV	BN	M 12* 35			0.073	3	SS400		1-W,HDG
JL7-JL8										
354 kg										

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J15 JL8-RR1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	970	70.65	32.2	32	SS400		
1	D-SPL-U	PL	470* 9	305	70.65	10.1	10	SS400		
1	D-SPL	PL	470* 14	270	109.9	13.9	14	SS400		
2	D-SPL	PL	470* 14	250	109.9	12.9	26	SS400		
1	D-SPL	PL	470* 14	245	109.9	12.7	13	SS400		
66	D-SPL	TCB	M 22* 75			0.538	36	S10T		
1	ST-SPL	PL	255* 9	320	70.65	5.77	6	SS400		
1	ST-SPL	PL	335* 16	320	125.6	13.5	14	SS400		
12	ST-SPL	TCB	M 22* 70			0.523	6	S10T		
2	ST-SPL	PL	80* 9	320	70.65	1.81	4	SS400		
4	ST-SPL	TCB	M 22* 65			0.508	2	S10T		
6	PR-SPL	PL	175* 18	620	141.3	15.3	92	SS400		
48	PR-SPL	TCB	M 22* 95			0.598	29	S10T		

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JL8-RR1	284 kg
J15	3351 kg

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J16 LL1-JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	970	70.65	32.2	32	SS400		
1	D-SPL-U	PL	470* 9	305	70.65	10.1	10	SS400		
1	D-SPL	PL	470* 14	270	109.9	13.9	14	SS400		
2	D-SPL	PL	470* 14	250	109.9	12.9	26	SS400		
1	D-SPL	PL	470* 14	245	109.9	12.7	13	SS400		
66	D-SPL	TCB	M 22* 75			0.538	36	S10T		
1	ST-SPL	PL	255* 9	320	70.65	5.77	6	SS400		
1	ST-SPL	PL	335* 16	320	125.6	13.5	14	SS400		
12	ST-SPL	TCB	M 22* 70			0.523	6	S10T		
2	ST-SPL	PL	80* 9	320	70.65	1.81	4	SS400		
4	ST-SPL	TCB	M 22* 65			0.508	2	S10T		
6	PR-SPL	PL	175* 18	620	141.3	15.3	92	SS400		
48	PR-SPL	TCB	M 22* 95			0.598	29	S10T		
LL1-JL1							284 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J16 JL1-JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	2975	70.65	98.8	99	SS400		
1	D-SPL	PL	470* 14	223	109.9	11.5	12	SS400		
5	D-SPL	PL	470* 14	230	109.9	11.9	60	SS400		
4	D-SPL	PL	470* 14	80	109.9	4.13	17	SS400		
1	D-SPL	PL	470* 14	155	109.9	8.01	8	SS400		
48	D-SPL	TCB	M 22* 75			0.538	26	S10T		
96	D-SPL	HTB	M 22* 80			0.585	56	F10T		
10	UR-SPL-I	PL	155* 10	320	78.50	3.89	39	SS400		
40	UR-SPL-I	TCB	M 22* 65			0.508	20	S10T		
5	COV	PL	120* 6	460	47.10	2.60	13	SS400		
5	COV-I	RB	13 ϕ	280	1.040	0.291	1	SS400		
40	COV	BN	M 12* 35			0.073	3	SS400		1-W,HDG
JL1-JL2							354 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J16 JL2-JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks

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1	D-SPL-U	PL	470* 9	980	70.65	32.5	32	SS400		
2	D-SPL-U	PL	470* 9	305	70.65	10.1	20	SS400		
2	D-SPL	PL	470* 14	245	109.9	12.7	25	SS400		
2	D-SPL	PL	470* 14	230	109.9	11.9	24	SS400		
2	D-SPL	PL	470* 14	80	109.9	4.13	8	SS400		
36	D-SPL	TCB	M 22* 75			0.538	19	S10T		
36	D-SPL	HTB	M 22* 80			0.585	21	F10T		
4	UR-SPL-O	PL	155* 10	320	78.50	3.89	16	SS400		
16	UR-SPL-O	TCB	M 22* 65			0.508	8	S10T		
2	COV	PL	120* 6	460	47.10	2.60	5	SS400		
2	COV-O	RB	13 φ	280	1.040	0.291	1	SS400		
16	COV	BN	M 12* 35			0.073	1	SS400		1-W,HDG
2	PR-SPL	PL	175* 18	620	141.3	15.3	31	SS400		
16	PR-SPL	TCB	M 22* 95			0.598	10	S10T		
JL2-JL3							221 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J16 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	2690	70.65	89.3	89	SS400		
2	D-SPL	PL	470* 14	155	109.9	8.01	16	SS400		
7	D-SPL	PL	470* 14	230	109.9	11.9	83	SS400		
78	D-SPL	TCB	M 22* 75			0.538	42	S10T		
72	D-SPL	HTB	M 22* 80			0.585	42	F10T		
8	UR-SPL-I	PL	155* 10	320	78.50	3.89	31	SS400		
32	UR-SPL-I	TCB	M 22* 65			0.508	16	S10T		
4	COV	PL	120* 6	460	47.10	2.60	10	SS400		
4	COV-I	RB	13 φ	280	1.040	0.291	1	SS400		
32	COV	BN	M 12* 35			0.073	2	SS400		1-W,HDG
JL3-JL4							332 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J16 JL4-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	2630	70.65	87.3	87	SS400		
2	D-SPL-U	PL	470* 9	305	70.65	10.1	20	SS400		
2	D-SPL	PL	470* 14	245	109.9	12.7	25	SS400		
4	D-SPL	PL	470* 14	230	109.9	11.9	48	SS400		
4	D-SPL	PL	470* 14	280	109.9	14.5	58	SS400		
132	D-SPL	TCB	M 22* 75			0.538	71	S10T		
36	D-SPL	HTB	M 22* 80			0.585	21	F10T		
4	UR-SPL-O	PL	155* 10	320	78.50	3.89	16	SS400		

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16	UR-SPL-O	TCB	M 22* 65			0.508	8	S10T		
2	COV	PL	120* 6	460	47.10	2.60	5	SS400		
2	COV-O	RB	13 φ	280	1.040	0.291	1	SS400		
16	COV	BN	M 12* 35			0.073	1	SS400		1-W,HDG
10	PR-SPL	PL	175* 18	620	141.3	15.3	153	SS400		
80	PR-SPL	TCB	M 22* 95			0.598	48	S10T		
JL4-JL5										
562 kg										

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J16 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	2690	70.65	89.3	89	SS400		
2	D-SPL	PL	470* 14	155	109.9	8.01	16	SS400		
7	D-SPL	PL	470* 14	230	109.9	11.9	83	SS400		
78	D-SPL	TCB	M 22* 75			0.538	42	S10T		
72	D-SPL	HTB	M 22* 80			0.585	42	F10T		
8	UR-SPL-I	PL	155* 10	320	78.50	3.89	31	SS400		
32	UR-SPL-I	TCB	M 22* 65			0.508	16	S10T		
4	COV	PL	120* 6	460	47.10	2.60	10	SS400		
4	COV-I	RB	13 φ	280	1.040	0.291	1	SS400		
32	COV	BN	M 12* 35			0.073	2	SS400		1-W,HDG
JL5-JL6										
332 kg										

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J16 JL6-JL6A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	305	70.65	10.1	10	SS400		
1	D-SPL-U	PL	470* 9	1570	70.65	52.1	52	SS400		
1	D-SPL-U	PL	470* 9	290	70.65	9.63	10	SS400		
1	D-SPL	PL	470* 14	245	109.9	12.7	13	SS400		
6	D-SPL	PL	470* 14	230	109.9	11.9	71	SS400		
60	D-SPL	TCB	M 22* 75			0.538	32	S10T		
54	D-SPL	HTB	M 22* 80			0.585	32	F10T		
6	UR-SPL-O	PL	155* 10	320	78.50	3.89	23	SS400		
24	UR-SPL-O	TCB	M 22* 65			0.508	12	S10T		
3	COV	PL	120* 6	460	47.10	2.60	8	SS400		
3	COV-O	RB	13 φ	280	1.040	0.291	1	SS400		
24	COV	BN	M 12* 35			0.073	2	SS400		1-W,HDG
JL6-JL6A										
266 kg										

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J16 JL6A-JL7										
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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	2072	70.65	68.8	69	SS400		
1	D-SPL-U	PL	470* 9	305	70.65	10.1	10	SS400		
4	D-SPL	PL	470* 14	230	109.9	11.9	48	SS400		
1	D-SPL	PL	470* 14	180	109.9	9.30	9	SS400		
1	D-SPL	PL	470* 14	80	109.9	4.13	4	SS400		
1	D-SPL	PL	470* 14	245	109.9	12.7	13	SS400		
60	D-SPL	TCB	M 22* 75			0.538	32	S10T		
54	D-SPL	HTB	M 22* 80			0.585	32	F10T		
6	UR-SPL-O	PL	155* 10	320	78.50	3.89	23	SS400		
24	UR-SPL-O	TCB	M 22* 65			0.508	12	S10T		
3	COV	PL	120* 6	460	47.10	2.60	8	SS400		
3	COV-O	RB	13 φ	280	1.040	0.291	1	SS400		
24	COV	BN	M 12* 35			0.073	2	SS400		1-W,HDG
6	PR-SPL	PL	175* 18	620	141.3	15.3	92	SS400		
48	PR-SPL	TCB	M 22* 95			0.598	29	S10T		
JL6A-JL7							384 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J16 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	2975	70.65	98.8	99	SS400		
1	D-SPL	PL	470* 14	223	109.9	11.5	12	SS400		
5	D-SPL	PL	470* 14	230	109.9	11.9	60	SS400		
4	D-SPL	PL	470* 14	80	109.9	4.13	17	SS400		
1	D-SPL	PL	470* 14	155	109.9	8.01	8	SS400		
48	D-SPL	TCB	M 22* 75			0.538	26	S10T		
96	D-SPL	HTB	M 22* 80			0.585	56	F10T		
10	UR-SPL-I	PL	155* 10	320	78.50	3.89	39	SS400		
40	UR-SPL-I	TCB	M 22* 65			0.508	20	S10T		
5	COV	PL	120* 6	460	47.10	2.60	13	SS400		
5	COV-I	RB	13 φ	280	1.040	0.291	1	SS400		
40	COV	BN	M 12* 35			0.073	3	SS400		1-W,HDG
JL7-JL8							354 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J16 JL8-RR1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	970	70.65	32.2	32	SS400		
1	D-SPL-U	PL	470* 9	305	70.65	10.1	10	SS400		
1	D-SPL	PL	470* 14	270	109.9	13.9	14	SS400		

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2	D-SPL	PL	470* 14	250	109.9	12.9	26	SS400		
1	D-SPL	PL	470* 14	245	109.9	12.7	13	SS400		
66	D-SPL	TCB	M 22* 75			0.538	36	S10T		
1	ST-SPL	PL	255* 9	320	70.65	5.77	6	SS400		
1	ST-SPL	PL	335* 16	320	125.6	13.5	14	SS400		
12	ST-SPL	TCB	M 22* 70			0.523	6	S10T		
2	ST-SPL	PL	80* 9	320	70.65	1.81	4	SS400		
4	ST-SPL	TCB	M 22* 65			0.508	2	S10T		
6	PR-SPL	PL	175* 18	620	141.3	15.3	92	SS400		
48	PR-SPL	TCB	M 22* 95			0.598	29	S10T		
JL8-RR1							284 kg			
J16										
							3373 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J17 LL1-JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	970	70.65	32.2	32	SS400		
1	D-SPL-U	PL	470* 9	305	70.65	10.1	10	SS400		
1	D-SPL	PL	470* 14	270	109.9	13.9	14	SS400		
2	D-SPL	PL	470* 14	250	109.9	12.9	26	SS400		
1	D-SPL	PL	470* 14	245	109.9	12.7	13	SS400		
66	D-SPL	TCB	M 22* 75			0.538	36	S10T		
1	ST-SPL	PL	255* 9	320	70.65	5.77	6	SS400		
1	ST-SPL	PL	335* 16	320	125.6	13.5	14	SS400		
12	ST-SPL	TCB	M 22* 70			0.523	6	S10T		
2	ST-SPL	PL	80* 9	320	70.65	1.81	4	SS400		
4	ST-SPL	TCB	M 22* 65			0.508	2	S10T		
6	PR-SPL	PL	175* 18	620	141.3	15.3	92	SS400		
48	PR-SPL	TCB	M 22* 95			0.598	29	S10T		
LL1-JL1							284 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J17 JL1-JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	2975	70.65	98.8	99	SS400		
1	D-SPL	PL	470* 14	223	109.9	11.5	12	SS400		
5	D-SPL	PL	470* 14	230	109.9	11.9	60	SS400		
4	D-SPL	PL	470* 14	80	109.9	4.13	17	SS400		
1	D-SPL	PL	470* 14	155	109.9	8.01	8	SS400		
48	D-SPL	TCB	M 22* 75			0.538	26	S10T		
96	D-SPL	HTB	M 22* 80			0.585	56	F10T		

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10	UR-SPL-I	PL	155* 10	320	78.50	3.89	39	SS400		
40	UR-SPL-I	TCB	M 22* 65			0.508	20	S10T		
5	COV	PL	120* 6	460	47.10	2.60	13	SS400		
5	COV-I	RB	13 φ	280	1.040	0.291	1	SS400		
40	COV	BN	M 12* 35			0.073	3	SS400		1-W,HDG
JL1-JL2								354 kg		

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J17 JL2-JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	980	70.65	32.5	32	SS400		
2	D-SPL-U	PL	470* 9	305	70.65	10.1	20	SS400		
2	D-SPL	PL	470* 14	245	109.9	12.7	25	SS400		
2	D-SPL	PL	470* 14	230	109.9	11.9	24	SS400		
2	D-SPL	PL	470* 14	80	109.9	4.13	8	SS400		
36	D-SPL	TCB	M 22* 75			0.538	19	S10T		
36	D-SPL	HTB	M 22* 80			0.585	21	F10T		
4	UR-SPL-O	PL	155* 10	320	78.50	3.89	16	SS400		
16	UR-SPL-O	TCB	M 22* 65			0.508	8	S10T		
2	COV	PL	120* 6	460	47.10	2.60	5	SS400		
2	COV-O	RB	13 φ	280	1.040	0.291	1	SS400		
16	COV	BN	M 12* 35			0.073	1	SS400		1-W,HDG
2	PR-SPL	PL	175* 18	620	141.3	15.3	31	SS400		
16	PR-SPL	TCB	M 22* 95			0.598	10	S10T		
JL2-JL3								221 kg		

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J17 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	2690	70.65	89.3	89	SS400		
2	D-SPL	PL	470* 14	155	109.9	8.01	16	SS400		
7	D-SPL	PL	470* 14	230	109.9	11.9	83	SS400		
78	D-SPL	TCB	M 22* 75			0.538	42	S10T		
72	D-SPL	HTB	M 22* 80			0.585	42	F10T		
8	UR-SPL-I	PL	155* 10	320	78.50	3.89	31	SS400		
32	UR-SPL-I	TCB	M 22* 65			0.508	16	S10T		
4	COV	PL	120* 6	460	47.10	2.60	10	SS400		
4	COV-I	RB	13 φ	280	1.040	0.291	1	SS400		
32	COV	BN	M 12* 35			0.073	2	SS400		1-W,HDG
JL3-JL4								332 kg		

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APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J17 JL4-JL5											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	D-SPL-U	PL	470* 9	2630	70.65	87.3	87	SS400			
2	D-SPL-U	PL	470* 9	305	70.65	10.1	20	SS400			
2	D-SPL	PL	470* 14	245	109.9	12.7	25	SS400			
4	D-SPL	PL	470* 14	230	109.9	11.9	48	SS400			
4	D-SPL	PL	470* 14	280	109.9	14.5	58	SS400			
132	D-SPL	TCB	M 22* 75			0.538	71	S10T			
36	D-SPL	HTB	M 22* 80			0.585	21	F10T			
4	UR-SPL-O	PL	155* 10	320	78.50	3.89	16	SS400			
16	UR-SPL-O	TCB	M 22* 65			0.508	8	S10T			
2	COV	PL	120* 6	460	47.10	2.60	5	SS400			
2	COV-O	RB	13 φ	280	1.040	0.291	1	SS400			
16	COV	BN	M 12* 35			0.073	1	SS400		1-W,HDG	
10	PR-SPL	PL	175* 18	620	141.3	15.3	153	SS400			
80	PR-SPL	TCB	M 22* 95			0.598	48	S10T			
							JL4-JL5				562 kg

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J17 JL5-JL6											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	D-SPL-U	PL	470* 9	2690	70.65	89.3	89	SS400			
2	D-SPL	PL	470* 14	155	109.9	8.01	16	SS400			
7	D-SPL	PL	470* 14	230	109.9	11.9	83	SS400			
78	D-SPL	TCB	M 22* 75			0.538	42	S10T			
72	D-SPL	HTB	M 22* 80			0.585	42	F10T			
8	UR-SPL-I	PL	155* 10	320	78.50	3.89	31	SS400			
32	UR-SPL-I	TCB	M 22* 65			0.508	16	S10T			
4	COV	PL	120* 6	460	47.10	2.60	10	SS400			
4	COV-I	RB	13 φ	280	1.040	0.291	1	SS400			
32	COV	BN	M 12* 35			0.073	2	SS400		1-W,HDG	
							JL5-JL6				332 kg

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J17 JL6-JL6A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	305	70.65	10.1	10	SS400		
1	D-SPL-U	PL	470* 9	1570	70.65	52.1	52	SS400		
1	D-SPL-U	PL	470* 9	290	70.65	9.63	10	SS400		
1	D-SPL	PL	470* 14	245	109.9	12.7	13	SS400		
6	D-SPL	PL	470* 14	230	109.9	11.9	71	SS400		

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60	D-SPL	TCB	M 22* 75			0.538	32	S10T		
54	D-SPL	HTB	M 22* 80			0.585	32	F10T		
6	UR-SPL-O	PL	155* 10	320	78.50	3.89	23	SS400		
24	UR-SPL-O	TCB	M 22* 65			0.508	12	S10T		
3	COV	PL	120* 6	460	47.10	2.60	8	SS400		
3	COV-O	RB	13 φ	280	1.040	0.291	1	SS400		
24	COV	BN	M 12* 35			0.073	2	SS400		1-W,HDG
JL6-JL6A							266 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J17 JL6A-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	1466	70.65	48.7	49	SS400		
1	D-SPL-U	PL	470* 9	305	70.65	10.1	10	SS400		
3	D-SPL	PL	470* 14	230	109.9	11.9	36	SS400		
3	D-SPL	PL	470* 14	80	109.9	4.13	12	SS400		
1	D-SPL	PL	470* 14	245	109.9	12.7	13	SS400		
48	D-SPL	TCB	M 22* 75			0.538	26	S10T		
36	D-SPL	HTB	M 22* 80			0.585	21	F10T		
4	UR-SPL-O	PL	155* 10	320	78.50	3.89	16	SS400		
16	UR-SPL-O	TCB	M 22* 65			0.508	8	S10T		
2	COV	PL	120* 6	460	47.10	2.60	5	SS400		
2	COV-O	RB	13 φ	280	1.040	0.291	1	SS400		
16	COV	BN	M 12* 35			0.073	1	SS400		1-W,HDG
6	PR-SPL	PL	175* 18	620	141.3	15.3	92	SS400		
48	PR-SPL	TCB	M 22* 95			0.598	29	S10T		
JL6A-JL7							319 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J17 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	2975	70.65	98.8	99	SS400		
1	D-SPL	PL	470* 14	223	109.9	11.5	12	SS400		
5	D-SPL	PL	470* 14	230	109.9	11.9	60	SS400		
4	D-SPL	PL	470* 14	80	109.9	4.13	17	SS400		
1	D-SPL	PL	470* 14	155	109.9	8.01	8	SS400		
48	D-SPL	TCB	M 22* 75			0.538	26	S10T		
96	D-SPL	HTB	M 22* 80			0.585	56	F10T		
10	UR-SPL-I	PL	155* 10	320	78.50	3.89	39	SS400		
40	UR-SPL-I	TCB	M 22* 65			0.508	20	S10T		
5	COV	PL	120* 6	460	47.10	2.60	13	SS400		
5	COV-I	RB	13 φ	280	1.040	0.291	1	SS400		

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40	COV	BN	M 12* 35			0.073	3	SS400		1-W,HDG
JL7-JL8						354 kg				

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J17 JL8-RR1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	970	70.65	32.2	32	SS400		
1	D-SPL-U	PL	470* 9	305	70.65	10.1	10	SS400		
1	D-SPL	PL	470* 14	270	109.9	13.9	14	SS400		
2	D-SPL	PL	470* 14	250	109.9	12.9	26	SS400		
1	D-SPL	PL	470* 14	245	109.9	12.7	13	SS400		
66	D-SPL	TCB	M 22* 75			0.538	36	S10T		
1	ST-SPL	PL	255* 9	320	70.65	5.77	6	SS400		
1	ST-SPL	PL	335* 16	320	125.6	13.5	14	SS400		
12	ST-SPL	TCB	M 22* 70			0.523	6	S10T		
2	ST-SPL	PL	80* 9	320	70.65	1.81	4	SS400		
4	ST-SPL	TCB	M 22* 65			0.508	2	S10T		
6	PR-SPL	PL	175* 18	620	141.3	15.3	92	SS400		
48	PR-SPL	TCB	M 22* 95			0.598	29	S10T		
JL8-RR1						284 kg				
J17						3308 kg				

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J18 LL1-JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	620* 9	970	70.65	42.5	42	SM490YA		
1	D-SPL-U	PL	620* 9	305	70.65	13.4	13	SM490YA		
1	D-SPL	PL	620* 14	270	109.9	18.4	18	SM490YA		
2	D-SPL	PL	620* 14	250	109.9	17.0	34	SM490YA		
1	D-SPL	PL	620* 14	245	109.9	16.7	17	SM490YA		
88	D-SPL	TCB	M 22* 75			0.538	47	S10T		
1	ST-SPL	PL	255* 9	320	70.65	5.77	6	SS400		
1	ST-SPL	PL	335* 16	320	125.6	13.5	14	SS400		
12	ST-SPL	TCB	M 22* 70			0.523	6	S10T		
2	ST-SPL	PL	80* 9	320	70.65	1.81	4	SS400		
4	ST-SPL	TCB	M 22* 65			0.508	2	S10T		
6	PR-SPL	PL	175* 18	770	141.3	19.0	114	SM490YB		
60	PR-SPL	TCB	M 22* 95			0.598	36	S10T		
LL1-JL1						353 kg				

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APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J18 JL1-JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	620* 9	2975	70.65	130	130	SM490YA		
1	D-SPL	PL	620* 14	223	109.9	15.2	15	SM490YA		
5	D-SPL	PL	620* 14	230	109.9	15.7	78	SM490YA		
4	D-SPL	PL	620* 14	80	109.9	5.45	22	SM490YA		
1	D-SPL	PL	620* 14	155	109.9	10.6	11	SM490YA		
64	D-SPL	TCB	M 22* 75			0.538	34	S10T		
128	D-SPL	HTB	M 22* 80			0.585	75	F10T		
10	UR-SPL-I	PL	155* 10	470	78.50	5.72	57	SM490YA		
60	UR-SPL-I	TCB	M 22* 65			0.508	30	S10T		
5	COV	PL	120* 6	460	47.10	2.60	13	SS400		
5	COV-I	RB	13 ϕ	280	1.040	0.291	1	SS400		
40	COV	BN	M 12* 35			0.073	3	SS400		1-W,HDG
JL1-JL2							469 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J18 JL2-JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	620* 9	980	70.65	42.9	43	SM490YA		
2	D-SPL-U	PL	620* 9	305	70.65	13.4	27	SM490YA		
2	D-SPL	PL	620* 14	245	109.9	16.7	33	SM490YA		
2	D-SPL	PL	620* 14	230	109.9	15.7	31	SM490YA		
2	D-SPL	PL	620* 14	80	109.9	5.45	11	SM490YA		
48	D-SPL	TCB	M 22* 75			0.538	26	S10T		
48	D-SPL	HTB	M 22* 80			0.585	28	F10T		
4	UR-SPL-O	PL	155* 10	470	78.50	5.72	23	SM490YA		
24	UR-SPL-O	TCB	M 22* 65			0.508	12	S10T		
2	COV	PL	120* 6	460	47.10	2.60	5	SS400		
2	COV-O	RB	13 ϕ	280	1.040	0.291	1	SS400		
16	COV	BN	M 12* 35			0.073	1	SS400		1-W,HDG
2	PR-SPL	PL	175* 18	770	141.3	19.0	38	SM490YB		
20	PR-SPL	TCB	M 22* 95			0.598	12	S10T		
JL2-JL3							291 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J18 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	620* 9	2690	70.65	118	118	SM490YA		
2	D-SPL	PL	620* 14	155	109.9	10.6	21	SM490YA		
7	D-SPL	PL	620* 14	230	109.9	15.7	110	SM490YA		

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104	D-SPL	TCB	M 22* 75			0.538	56	S10T		
96	D-SPL	HTB	M 22* 80			0.585	56	F10T		
8	UR-SPL-I	PL	155* 10	470	78.50	5.72	46	SM490YA		
48	UR-SPL-I	TCB	M 22* 65			0.508	24	S10T		
4	COV	PL	120* 6	460	47.10	2.60	10	SS400		
4	COV-I	RB	13 φ	280	1.040	0.291	1	SS400		
32	COV	BN	M 12* 35			0.073	2	SS400		1-W,HDG
JL3-JL4							444 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J18 JL4-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	620* 9	2630	70.65	115	115	SM490YA		
2	D-SPL-U	PL	620* 9	305	70.65	13.4	27	SM490YA		
2	D-SPL	PL	620* 14	245	109.9	16.7	33	SM490YA		
4	D-SPL	PL	620* 14	230	109.9	15.7	63	SM490YA		
4	D-SPL	PL	620* 14	280	109.9	19.1	76	SM490YA		
176	D-SPL	TCB	M 22* 75			0.538	95	S10T		
48	D-SPL	HTB	M 22* 80			0.585	28	F10T		
4	UR-SPL-O	PL	155* 10	470	78.50	5.72	23	SM490YA		
24	UR-SPL-O	TCB	M 22* 65			0.508	12	S10T		
2	COV	PL	120* 6	460	47.10	2.60	5	SS400		
2	COV-O	RB	13 φ	280	1.040	0.291	1	SS400		
16	COV	BN	M 12* 35			0.073	1	SS400		1-W,HDG
10	PR-SPL	PL	175* 18	770	141.3	19.0	190	SM490YB		
100	PR-SPL	TCB	M 22* 95			0.598	60	S10T		
JL4-JL5							729 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J18 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	620* 9	2690	70.65	118	118	SM490YA		
2	D-SPL	PL	620* 14	155	109.9	10.6	21	SM490YA		
7	D-SPL	PL	620* 14	230	109.9	15.7	110	SM490YA		
104	D-SPL	TCB	M 22* 75			0.538	56	S10T		
96	D-SPL	HTB	M 22* 80			0.585	56	F10T		
8	UR-SPL-I	PL	155* 10	470	78.50	5.72	46	SM490YA		
48	UR-SPL-I	TCB	M 22* 65			0.508	24	S10T		
4	COV	PL	120* 6	460	47.10	2.60	10	SS400		
4	COV-I	RB	13 φ	280	1.040	0.291	1	SS400		
32	COV	BN	M 12* 35			0.073	2	SS400		1-W,HDG

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JL5-JL6	444 kg
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APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J18 JL6-JL6A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	620* 9	305	70.65	13.4	13	SM490YA		
1	D-SPL-U	PL	620* 9	1570	70.65	68.8	69	SM490YA		
1	D-SPL-U	PL	620* 9	290	70.65	12.7	13	SM490YA		
1	D-SPL	PL	620* 14	245	109.9	16.7	17	SM490YA		
6	D-SPL	PL	620* 14	230	109.9	15.7	94	SM490YA		
80	D-SPL	TCB	M 22* 75			0.538	43	S10T		
72	D-SPL	HTB	M 22* 80			0.585	42	F10T		
JL6-JL6A										
							291 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J18 JL6A-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	620* 9	840	70.65	36.8	37	SM490YA		
1	D-SPL-U	PL	620* 9	305	70.65	13.4	13	SM490YA		
1	D-SPL	PL	620* 14	230	109.9	15.7	16	SM490YA		
3	D-SPL	PL	620* 14	80	109.9	5.45	16	SM490YA		
1	D-SPL	PL	620* 14	245	109.9	16.7	17	SM490YA		
40	D-SPL	TCB	M 22* 75			0.538	22	S10T		
24	D-SPL	HTB	M 22* 80			0.585	14	F10T		
8	UR-SPL-O	PL	155* 10	470	78.50	5.72	46	SM490YA		
48	UR-SPL-O	TCB	M 22* 65			0.508	24	S10T		
4	COV	PL	120* 6	460	47.10	2.60	10	SS400		
4	COV-O	RB	13 φ	280	1.040	0.291	1	SS400		
32	COV	BN	M 12* 35			0.073	2	SS400		1-W,HDG
6	PR-SPL	PL	175* 18	770	141.3	19.0	114	SM490YB		
60	PR-SPL	TCB	M 22* 95			0.598	36	S10T		
JL6A-JL7										
							368 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J18 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	620* 9	2975	70.65	130	130	SM490YA		
1	D-SPL	PL	620* 14	223	109.9	15.2	15	SM490YA		
5	D-SPL	PL	620* 14	230	109.9	15.7	78	SM490YA		
4	D-SPL	PL	620* 14	80	109.9	5.45	22	SM490YA		
1	D-SPL	PL	620* 14	155	109.9	10.6	11	SM490YA		
64	D-SPL	TCB	M 22* 75			0.538	34	S10T		

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128	D-SPL	HTB	M 22* 80			0.585	75	F10T		
10	UR-SPL-I	PL	155* 10	470	78.50	5.72	57	SM490YA		
60	UR-SPL-I	TCB	M 22* 65			0.508	30	S10T		
5	COV	PL	120* 6	460	47.10	2.60	13	SS400		
5	COV-I	RB	13 φ	280	1.040	0.291	1	SS400		
40	COV	BN	M 12* 35			0.073	3	SS400		1-W,HDG
JL7-JL8							469 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J18 JL8-RR1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	620* 9	970	70.65	42.5	42	SM490YA		
1	D-SPL-U	PL	620* 9	305	70.65	13.4	13	SM490YA		
1	D-SPL	PL	620* 14	270	109.9	18.4	18	SM490YA		
2	D-SPL	PL	620* 14	250	109.9	17.0	34	SM490YA		
1	D-SPL	PL	620* 14	245	109.9	16.7	17	SM490YA		
88	D-SPL	TCB	M 22* 75			0.538	47	S10T		
1	ST-SPL	PL	255* 9	320	70.65	5.77	6	SS400		
1	ST-SPL	PL	335* 16	320	125.6	13.5	14	SS400		
12	ST-SPL	TCB	M 22* 70			0.523	6	S10T		
2	ST-SPL	PL	80* 9	320	70.65	1.81	4	SS400		
4	ST-SPL	TCB	M 22* 65			0.508	2	S10T		
6	PR-SPL	PL	175* 18	770	141.3	19.0	114	SM490YB		
60	PR-SPL	TCB	M 22* 95			0.598	36	S10T		
JL8-RR1							353 kg			
J18							4211 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J19 LL1-JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	620* 9	970	70.65	42.5	42	SM490YA		
1	D-SPL-U	PL	620* 9	305	70.65	13.4	13	SM490YA		
1	D-SPL	PL	620* 14	270	109.9	18.4	18	SM490YA		
2	D-SPL	PL	620* 14	250	109.9	17.0	34	SM490YA		
1	D-SPL	PL	620* 14	245	109.9	16.7	17	SM490YA		
88	D-SPL	TCB	M 22* 75			0.538	47	S10T		
1	ST-SPL	PL	255* 9	320	70.65	5.77	6	SS400		
1	ST-SPL	PL	335* 16	320	125.6	13.5	14	SS400		
12	ST-SPL	TCB	M 22* 70			0.523	6	S10T		
2	ST-SPL	PL	80* 9	320	70.65	1.81	4	SS400		
4	ST-SPL	TCB	M 22* 65			0.508	2	S10T		

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6	PR-SPL	PL	175* 18	770	141.3	19.0	114	SM490YB		
60	PR-SPL	TCB	M 22* 95			0.598	36	S10T		
LL1-JL1							353 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J19 JL1-JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	620* 9	2975	70.65	130	130	SM490YA		
1	D-SPL	PL	620* 14	223	109.9	15.2	15	SM490YA		
5	D-SPL	PL	620* 14	230	109.9	15.7	78	SM490YA		
4	D-SPL	PL	620* 14	80	109.9	5.45	22	SM490YA		
1	D-SPL	PL	620* 14	155	109.9	10.6	11	SM490YA		
64	D-SPL	TCB	M 22* 75			0.538	34	S10T		
128	D-SPL	HTB	M 22* 80			0.585	75	F10T		
10	UR-SPL-I	PL	155* 10	470	78.50	5.72	57	SM490YA		
60	UR-SPL-I	TCB	M 22* 65			0.508	30	S10T		
5	COV	PL	120* 6	460	47.10	2.60	13	SS400		
5	COV-I	RB	13 φ	280	1.040	0.291	1	SS400		
40	COV	BN	M 12* 35			0.073	3	SS400		1-W,HDG
JL1-JL2							469 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J19 JL2-JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	620* 9	980	70.65	42.9	43	SM490YA		
2	D-SPL-U	PL	620* 9	305	70.65	13.4	27	SM490YA		
2	D-SPL	PL	620* 14	245	109.9	16.7	33	SM490YA		
2	D-SPL	PL	620* 14	230	109.9	15.7	31	SM490YA		
2	D-SPL	PL	620* 14	80	109.9	5.45	11	SM490YA		
48	D-SPL	TCB	M 22* 75			0.538	26	S10T		
48	D-SPL	HTB	M 22* 80			0.585	28	F10T		
4	UR-SPL-O	PL	155* 10	470	78.50	5.72	23	SM490YA		
24	UR-SPL-O	TCB	M 22* 65			0.508	12	S10T		
2	COV	PL	120* 6	460	47.10	2.60	5	SS400		
2	COV-O	RB	13 φ	280	1.040	0.291	1	SS400		
16	COV	BN	M 12* 35			0.073	1	SS400		1-W,HDG
2	PR-SPL	PL	175* 18	770	141.3	19.0	38	SM490YB		
20	PR-SPL	TCB	M 22* 95			0.598	12	S10T		
JL2-JL3							291 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J19 JL3-JL4										
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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	620* 9	2690	70.65	118	118	SM490YA		
2	D-SPL	PL	620* 14	155	109.9	10.6	21	SM490YA		
7	D-SPL	PL	620* 14	230	109.9	15.7	110	SM490YA		
104	D-SPL	TCB	M 22* 75			0.538	56	S10T		
96	D-SPL	HTB	M 22* 80			0.585	56	F10T		
8	UR-SPL-I	PL	155* 10	470	78.50	5.72	46	SM490YA		
48	UR-SPL-I	TCB	M 22* 65			0.508	24	S10T		
4	COV	PL	120* 6	460	47.10	2.60	10	SS400		
4	COV-I	RB	13 φ	280	1.040	0.291	1	SS400		
32	COV	BN	M 12* 35			0.073	2	SS400		1-W,HDG
JL3-JL4							444 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J19 JL4-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	620* 9	2630	70.65	115	115	SM490YA		
2	D-SPL-U	PL	620* 9	305	70.65	13.4	27	SM490YA		
2	D-SPL	PL	620* 14	245	109.9	16.7	33	SM490YA		
4	D-SPL	PL	620* 14	230	109.9	15.7	63	SM490YA		
4	D-SPL	PL	620* 14	280	109.9	19.1	76	SM490YA		
176	D-SPL	TCB	M 22* 75			0.538	95	S10T		
48	D-SPL	HTB	M 22* 80			0.585	28	F10T		
4	UR-SPL-O	PL	155* 10	470	78.50	5.72	23	SM490YA		
24	UR-SPL-O	TCB	M 22* 65			0.508	12	S10T		
2	COV	PL	120* 6	460	47.10	2.60	5	SS400		
2	COV-O	RB	13 φ	280	1.040	0.291	1	SS400		
16	COV	BN	M 12* 35			0.073	1	SS400		1-W,HDG
10	PR-SPL	PL	175* 18	770	141.3	19.0	190	SM490YB		
100	PR-SPL	TCB	M 22* 95			0.598	60	S10T		
JL4-JL5							729 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J19 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	620* 9	2690	70.65	118	118	SM490YA		
2	D-SPL	PL	620* 14	155	109.9	10.6	21	SM490YA		
7	D-SPL	PL	620* 14	230	109.9	15.7	110	SM490YA		
104	D-SPL	TCB	M 22* 75			0.538	56	S10T		
96	D-SPL	HTB	M 22* 80			0.585	56	F10T		
8	UR-SPL-I	PL	155* 10	470	78.50	5.72	46	SM490YA		

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48	UR-SPL-I	TCB	M 22* 65			0.508	24	S10T		
4	COV	PL	120* 6	460	47.10	2.60	10	SS400		
4	COV-I	RB	13 φ	280	1.040	0.291	1	SS400		
32	COV	BN	M 12* 35			0.073	2	SS400		1-W,HDG
JL5-JL6							444 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J19 JL6-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	620* 9	305	70.65	13.4	13	SM490YA		
1	D-SPL-U	PL	620* 9	2285	70.65	100	100	SM490YA		
1	D-SPL-U	PL	620* 9	305	70.65	13.4	13	SM490YA		
1	D-SPL	PL	620* 14	245	109.9	16.7	17	SM490YA		
5	D-SPL	PL	620* 14	230	109.9	15.7	78	SM490YA		
2	D-SPL	PL	620* 14	195	109.9	13.3	27	SM490YA		
1	D-SPL	PL	620* 14	80	109.9	5.45	5	SM490YA		
1	D-SPL	PL	620* 14	245	109.9	16.7	17	SM490YA		
120	D-SPL	TCB	M 22* 75			0.538	65	S10T		
72	D-SPL	HTB	M 22* 80			0.585	42	F10T		
6	UR-SPL-O	PL	155* 10	470	78.50	5.72	34	SM490YA		
24	UR-SPL-O	TCB	M 22* 65			0.508	12	S10T		
3	COV	PL	120* 6	460	47.10	2.60	8	SS400		
3	COV-O	RB	13 φ	280	1.040	0.291	1	SS400		
24	COV	BN	M 12* 35			0.073	2	SS400		1-W,HDG
6	PR-SPL	PL	175* 18	770	141.3	19.0	114	SM490YB		
60	PR-SPL	TCB	M 22* 95			0.598	36	S10T		
JL6-JL7							584 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J19 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	620* 9	2975	70.65	130	130	SM490YA		
1	D-SPL	PL	620* 14	223	109.9	15.2	15	SM490YA		
5	D-SPL	PL	620* 14	230	109.9	15.7	78	SM490YA		
4	D-SPL	PL	620* 14	80	109.9	5.45	22	SM490YA		
1	D-SPL	PL	620* 14	155	109.9	10.6	11	SM490YA		
64	D-SPL	TCB	M 22* 75			0.538	34	S10T		
128	D-SPL	HTB	M 22* 80			0.585	75	F10T		
10	UR-SPL-I	PL	155* 10	470	78.50	5.72	57	SM490YA		
60	UR-SPL-I	TCB	M 22* 65			0.508	30	S10T		
5	COV	PL	120* 6	460	47.10	2.60	13	SS400		
5	COV-I	RB	13 φ	280	1.040	0.291	1	SS400		

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40	COV	BN	M 12* 35			0.073	3	SS400		1-W,HDG
JL7-JL8						469 kg				

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J19 JL8-RR1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	620* 9	970	70.65	42.5	42	SM490YA		
1	D-SPL-U	PL	620* 9	305	70.65	13.4	13	SM490YA		
1	D-SPL	PL	620* 14	270	109.9	18.4	18	SM490YA		
2	D-SPL	PL	620* 14	250	109.9	17.0	34	SM490YA		
1	D-SPL	PL	620* 14	245	109.9	16.7	17	SM490YA		
88	D-SPL	TCB	M 22* 75			0.538	47	S10T		
1	ST-SPL	PL	255* 9	320	70.65	5.77	6	SS400		
1	ST-SPL	PL	335* 16	320	125.6	13.5	14	SS400		
12	ST-SPL	TCB	M 22* 70			0.523	6	S10T		
2	ST-SPL	PL	80* 9	320	70.65	1.81	4	SS400		
4	ST-SPL	TCB	M 22* 65			0.508	2	S10T		
6	PR-SPL	PL	175* 18	770	141.3	19.0	114	SM490YB		
60	PR-SPL	TCB	M 22* 95			0.598	36	S10T		
JL8-RR1						353 kg				
J19						4136 kg				

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J20 LL1-JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	620* 9	970	70.65	42.5	42	SM490YA		
1	D-SPL-U	PL	620* 9	305	70.65	13.4	13	SM490YA		
1	D-SPL	PL	620* 14	270	109.9	18.4	18	SM490YA		
2	D-SPL	PL	620* 14	250	109.9	17.0	34	SM490YA		
1	D-SPL	PL	620* 14	245	109.9	16.7	17	SM490YA		
88	D-SPL	TCB	M 22* 75			0.538	47	S10T		
1	ST-SPL	PL	255* 9	320	70.65	5.77	6	SS400		
1	ST-SPL	PL	335* 16	320	125.6	13.5	14	SS400		
12	ST-SPL	TCB	M 22* 70			0.523	6	S10T		
2	ST-SPL	PL	80* 9	320	70.65	1.81	4	SS400		
4	ST-SPL	TCB	M 22* 65			0.508	2	S10T		
6	PR-SPL	PL	175* 18	770	141.3	19.0	114	SM490YB		
60	PR-SPL	TCB	M 22* 95			0.598	36	S10T		
LL1-JL1						353 kg				

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APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J20 JL1-JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	620* 9	2975	70.65	130	130	SM490YA		
1	D-SPL	PL	620* 14	223	109.9	15.2	15	SM490YA		
5	D-SPL	PL	620* 14	230	109.9	15.7	78	SM490YA		
4	D-SPL	PL	620* 14	80	109.9	5.45	22	SM490YA		
1	D-SPL	PL	620* 14	155	109.9	10.6	11	SM490YA		
64	D-SPL	TCB	M 22* 75			0.538	34	S10T		
128	D-SPL	HTB	M 22* 80			0.585	75	F10T		
10	UR-SPL-I	PL	155* 10	470	78.50	5.72	57	SM490YA		
60	UR-SPL-I	TCB	M 22* 65			0.508	30	S10T		
5	COV	PL	120* 6	460	47.10	2.60	13	SS400		
5	COV-I	RB	13 φ	280	1.040	0.291	1	SS400		
40	COV	BN	M 12* 35			0.073	3	SS400		1-W,HDG
JL1-JL2							469 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J20 JL2-JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	620* 9	980	70.65	42.9	43	SM490YA		
2	D-SPL-U	PL	620* 9	305	70.65	13.4	27	SM490YA		
2	D-SPL	PL	620* 14	245	109.9	16.7	33	SM490YA		
2	D-SPL	PL	620* 14	230	109.9	15.7	31	SM490YA		
2	D-SPL	PL	620* 14	80	109.9	5.45	11	SM490YA		
48	D-SPL	TCB	M 22* 75			0.538	26	S10T		
48	D-SPL	HTB	M 22* 80			0.585	28	F10T		
4	UR-SPL-O	PL	155* 10	470	78.50	5.72	23	SM490YA		
24	UR-SPL-O	TCB	M 22* 65			0.508	12	S10T		
2	COV	PL	120* 6	460	47.10	2.60	5	SS400		
2	COV-O	RB	13 φ	280	1.040	0.291	1	SS400		
16	COV	BN	M 12* 35			0.073	1	SS400		1-W,HDG
2	PR-SPL	PL	175* 18	770	141.3	19.0	38	SM490YB		
20	PR-SPL	TCB	M 22* 95			0.598	12	S10T		
JL2-JL3							291 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J20 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	620* 9	2690	70.65	118	118	SM490YA		
2	D-SPL	PL	620* 14	155	109.9	10.6	21	SM490YA		
7	D-SPL	PL	620* 14	230	109.9	15.7	110	SM490YA		

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104	D-SPL	TCB	M 22* 75			0.538	56	S10T		
96	D-SPL	HTB	M 22* 80			0.585	56	F10T		
8	UR-SPL-I	PL	155* 10	470	78.50	5.72	46	SM490YA		
48	UR-SPL-I	TCB	M 22* 65			0.508	24	S10T		
4	COV	PL	120* 6	460	47.10	2.60	10	SS400		
4	COV-I	RB	13 φ	280	1.040	0.291	1	SS400		
32	COV	BN	M 12* 35			0.073	2	SS400		1-W,HDG
JL3-JL4							444 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J20 JL4-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	620* 9	2630	70.65	115	115	SM490YA		
2	D-SPL-U	PL	620* 9	305	70.65	13.4	27	SM490YA		
2	D-SPL	PL	620* 14	245	109.9	16.7	33	SM490YA		
4	D-SPL	PL	620* 14	230	109.9	15.7	63	SM490YA		
4	D-SPL	PL	620* 14	280	109.9	19.1	76	SM490YA		
176	D-SPL	TCB	M 22* 75			0.538	95	S10T		
48	D-SPL	HTB	M 22* 80			0.585	28	F10T		
4	UR-SPL-O	PL	155* 10	470	78.50	5.72	23	SM490YA		
24	UR-SPL-O	TCB	M 22* 65			0.508	12	S10T		
2	COV	PL	120* 6	460	47.10	2.60	5	SS400		
2	COV-O	RB	13 φ	280	1.040	0.291	1	SS400		
16	COV	BN	M 12* 35			0.073	1	SS400		1-W,HDG
10	PR-SPL	PL	175* 18	770	141.3	19.0	190	SM490YB		
100	PR-SPL	TCB	M 22* 95			0.598	60	S10T		
JL4-JL5							729 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J20 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	620* 9	2690	70.65	118	118	SM490YA		
2	D-SPL	PL	620* 14	155	109.9	10.6	21	SM490YA		
7	D-SPL	PL	620* 14	230	109.9	15.7	110	SM490YA		
104	D-SPL	TCB	M 22* 75			0.538	56	S10T		
96	D-SPL	HTB	M 22* 80			0.585	56	F10T		
8	UR-SPL-I	PL	155* 10	470	78.50	5.72	46	SM490YA		
48	UR-SPL-I	TCB	M 22* 65			0.508	24	S10T		
4	COV	PL	120* 6	460	47.10	2.60	10	SS400		
4	COV-I	RB	13 φ	280	1.040	0.291	1	SS400		
32	COV	BN	M 12* 35			0.073	2	SS400		1-W,HDG

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JL5-JL6	444 kg
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APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J20 JL6-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	620* 9	305	70.65	13.4	13	SM490YA		
1	D-SPL-U	PL	620* 9	1837	70.65	80.5	80	SM490YA		
1	D-SPL-U	PL	620* 9	305	70.65	13.4	13	SM490YA		
1	D-SPL	PL	620* 14	245	109.9	16.7	17	SM490YA		
3	D-SPL	PL	620* 14	230	109.9	15.7	47	SM490YA		
1	D-SPL	PL	620* 14	250	109.9	17.0	17	SM490YA		
3	D-SPL	PL	620* 14	80	109.9	5.45	16	SM490YA		
1	D-SPL	PL	620* 14	245	109.9	16.7	17	SM490YA		
104	D-SPL	TCB	M 22* 75			0.538	56	S10T		
48	D-SPL	HTB	M 22* 80			0.585	28	F10T		
4	UR-SPL-O	PL	155* 10	470	78.50	5.72	23	SM490YA		
24	UR-SPL-O	TCB	M 22* 65			0.508	12	S10T		
2	COV	PL	120* 6	460	47.10	2.60	5	SS400		
2	COV-O	RB	13 φ	280	1.040	0.291	1	SS400		
16	COV	BN	M 12* 35			0.073	1	SS400		1-W,HDG
8	PR-SPL	PL	175* 18	770	141.3	19.0	152	SM490YB		
80	PR-SPL	TCB	M 22* 95			0.598	48	S10T		
JL6-JL7							546 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J20 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	620* 9	2975	70.65	130	130	SM490YA		
1	D-SPL	PL	620* 14	223	109.9	15.2	15	SM490YA		
5	D-SPL	PL	620* 14	230	109.9	15.7	78	SM490YA		
4	D-SPL	PL	620* 14	80	109.9	5.45	22	SM490YA		
1	D-SPL	PL	620* 14	155	109.9	10.6	11	SM490YA		
64	D-SPL	TCB	M 22* 75			0.538	34	S10T		
128	D-SPL	HTB	M 22* 80			0.585	75	F10T		
10	UR-SPL-I	PL	155* 10	470	78.50	5.72	57	SM490YA		
60	UR-SPL-I	TCB	M 22* 65			0.508	30	S10T		
5	COV	PL	120* 6	460	47.10	2.60	13	SS400		
5	COV-I	RB	13 φ	280	1.040	0.291	1	SS400		
40	COV	BN	M 12* 35			0.073	3	SS400		1-W,HDG
JL7-JL8							469 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J20 JL8-RR1

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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	620* 9	970	70.65	42.5	42	SM490YA		
1	D-SPL-U	PL	620* 9	305	70.65	13.4	13	SM490YA		
1	D-SPL	PL	620* 14	270	109.9	18.4	18	SM490YA		
2	D-SPL	PL	620* 14	250	109.9	17.0	34	SM490YA		
1	D-SPL	PL	620* 14	245	109.9	16.7	17	SM490YA		
88	D-SPL	TCB	M 22* 75			0.538	47	S10T		
1	ST-SPL	PL	255* 9	320	70.65	5.77	6	SS400		
1	ST-SPL	PL	335* 16	320	125.6	13.5	14	SS400		
12	ST-SPL	TCB	M 22* 70			0.523	6	S10T		
2	ST-SPL	PL	80* 9	320	70.65	1.81	4	SS400		
4	ST-SPL	TCB	M 22* 65			0.508	2	S10T		
6	PR-SPL	PL	175* 18	770	141.3	19.0	114	SM490YB		
60	PR-SPL	TCB	M 22* 95			0.598	36	S10T		
JL8-RR1							353 kg			
J20							4098 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J21 LL1-JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	970	70.65	32.2	32	SS400		
1	D-SPL-U	PL	470* 9	305	70.65	10.1	10	SS400		
1	D-SPL	PL	470* 14	270	109.9	13.9	14	SS400		
2	D-SPL	PL	470* 14	250	109.9	12.9	26	SS400		
1	D-SPL	PL	470* 14	245	109.9	12.7	13	SS400		
66	D-SPL	TCB	M 22* 75			0.538	36	S10T		
1	ST-SPL	PL	255* 9	320	70.65	5.77	6	SS400		
1	ST-SPL	PL	335* 16	320	125.6	13.5	14	SS400		
12	ST-SPL	TCB	M 22* 70			0.523	6	S10T		
2	ST-SPL	PL	80* 9	320	70.65	1.81	4	SS400		
4	ST-SPL	TCB	M 22* 65			0.508	2	S10T		
6	PR-SPL	PL	175* 18	620	141.3	15.3	92	SS400		
48	PR-SPL	TCB	M 22* 95			0.598	29	S10T		
LL1-JL1							284 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J21 JL1-JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	2975	70.65	98.8	99	SS400		
1	D-SPL	PL	470* 14	223	109.9	11.5	12	SS400		

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5	D-SPL	PL	470* 14	230	109.9	11.9	60	SS400		
4	D-SPL	PL	470* 14	80	109.9	4.13	17	SS400		
1	D-SPL	PL	470* 14	155	109.9	8.01	8	SS400		
48	D-SPL	TCB	M 22* 75			0.538	26	S10T		
96	D-SPL	HTB	M 22* 80			0.585	56	F10T		
10	UR-SPL-I	PL	155* 10	320	78.50	3.89	39	SS400		
40	UR-SPL-I	TCB	M 22* 65			0.508	20	S10T		
5	COV	PL	120* 6	460	47.10	2.60	13	SS400		
5	COV-I	RB	13 φ	280	1.040	0.291	1	SS400		
40	COV	BN	M 12* 35			0.073	3	SS400		1-W,HDG
JL1-JL2										354 kg

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J21 JL2-JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	980	70.65	32.5	32	SS400		
2	D-SPL-U	PL	470* 9	305	70.65	10.1	20	SS400		
2	D-SPL	PL	470* 14	245	109.9	12.7	25	SS400		
2	D-SPL	PL	470* 14	230	109.9	11.9	24	SS400		
2	D-SPL	PL	470* 14	80	109.9	4.13	8	SS400		
36	D-SPL	TCB	M 22* 75			0.538	19	S10T		
36	D-SPL	HTB	M 22* 80			0.585	21	F10T		
4	UR-SPL-O	PL	155* 10	320	78.50	3.89	16	SS400		
16	UR-SPL-O	TCB	M 22* 65			0.508	8	S10T		
2	COV	PL	120* 6	460	47.10	2.60	5	SS400		
2	COV-O	RB	13 φ	280	1.040	0.291	1	SS400		
16	COV	BN	M 12* 35			0.073	1	SS400		1-W,HDG
2	PR-SPL	PL	175* 18	620	141.3	15.3	31	SS400		
16	PR-SPL	TCB	M 22* 95			0.598	10	S10T		
JL2-JL3										221 kg

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J21 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	2690	70.65	89.3	89	SS400		
2	D-SPL	PL	470* 14	155	109.9	8.01	16	SS400		
7	D-SPL	PL	470* 14	230	109.9	11.9	83	SS400		
78	D-SPL	TCB	M 22* 75			0.538	42	S10T		
72	D-SPL	HTB	M 22* 80			0.585	42	F10T		
8	UR-SPL-I	PL	155* 10	320	78.50	3.89	31	SS400		
32	UR-SPL-I	TCB	M 22* 65			0.508	16	S10T		
4	COV	PL	120* 6	460	47.10	2.60	10	SS400		

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4	COV-I	RB	13 φ	280	1.040	0.291	1	SS400		
32	COV	BN	M 12* 35			0.073	2	SS400		1-W,HDG
JL3-JL4							332 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J21 JL4-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	2630	70.65	87.3	87	SS400		
2	D-SPL-U	PL	470* 9	305	70.65	10.1	20	SS400		
2	D-SPL	PL	470* 14	245	109.9	12.7	25	SS400		
4	D-SPL	PL	470* 14	230	109.9	11.9	48	SS400		
4	D-SPL	PL	470* 14	280	109.9	14.5	58	SS400		
132	D-SPL	TCB	M 22* 75			0.538	71	S10T		
36	D-SPL	HTB	M 22* 80			0.585	21	F10T		
4	UR-SPL-O	PL	155* 10	320	78.50	3.89	16	SS400		
16	UR-SPL-O	TCB	M 22* 65			0.508	8	S10T		
2	COV	PL	120* 6	460	47.10	2.60	5	SS400		
2	COV-O	RB	13 φ	280	1.040	0.291	1	SS400		
16	COV	BN	M 12* 35			0.073	1	SS400		1-W,HDG
10	PR-SPL	PL	175* 18	620	141.3	15.3	153	SS400		
80	PR-SPL	TCB	M 22* 95			0.598	48	S10T		
JL4-JL5							562 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J21 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	2690	70.65	89.3	89	SS400		
2	D-SPL	PL	470* 14	155	109.9	8.01	16	SS400		
7	D-SPL	PL	470* 14	230	109.9	11.9	83	SS400		
78	D-SPL	TCB	M 22* 75			0.538	42	S10T		
72	D-SPL	HTB	M 22* 80			0.585	42	F10T		
8	UR-SPL-I	PL	155* 10	320	78.50	3.89	31	SS400		
32	UR-SPL-I	TCB	M 22* 65			0.508	16	S10T		
4	COV	PL	120* 6	460	47.10	2.60	10	SS400		
4	COV-I	RB	13 φ	280	1.040	0.291	1	SS400		
32	COV	BN	M 12* 35			0.073	2	SS400		1-W,HDG
JL5-JL6							332 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J21 JL6-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks

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1	D-SPL-U	PL	470* 9	305	70.65	10.1	10	SS400		
1	D-SPL-U	PL	470* 9	1368	70.65	45.4	45	SS400		
1	D-SPL-U	PL	470* 9	305	70.65	10.1	10	SS400		
1	D-SPL	PL	470* 14	245	109.9	12.7	13	SS400		
2	D-SPL	PL	470* 14	230	109.9	11.9	24	SS400		
1	D-SPL	PL	470* 14	180	109.9	9.30	9	SS400		
1	D-SPL	PL	470* 14	206	109.9	10.6	11	SS400		
1	D-SPL	PL	470* 14	80	109.9	4.13	4	SS400		
1	D-SPL	PL	470* 14	245	109.9	12.7	13	SS400		
54	D-SPL	TCB	M 22* 75			0.538	29	S10T		
36	D-SPL	HTB	M 22* 80			0.585	21	F10T		
4	UR-SPL-O	PL	155* 10	320	78.50	3.89	16	SS400		
16	UR-SPL-O	TCB	M 22* 65			0.508	8	S10T		
2	COV	PL	120* 6	460	47.10	2.60	5	SS400		
2	COV-O	RB	13 φ	280	1.040	0.291	1	SS400		
16	COV	BN	M 12* 35			0.073	1	SS400		1-W,HDG
4	PR-SPL	PL	175* 18	620	141.3	15.3	61	SS400		
32	PR-SPL	TCB	M 22* 95			0.598	19	S10T		
JL6-JL7										
								300 kg		

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J21 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	2975	70.65	98.8	99	SS400		
1	D-SPL	PL	470* 14	223	109.9	11.5	12	SS400		
5	D-SPL	PL	470* 14	230	109.9	11.9	60	SS400		
4	D-SPL	PL	470* 14	80	109.9	4.13	17	SS400		
1	D-SPL	PL	470* 14	155	109.9	8.01	8	SS400		
48	D-SPL	TCB	M 22* 75			0.538	26	S10T		
96	D-SPL	HTB	M 22* 80			0.585	56	F10T		
10	UR-SPL-I	PL	155* 10	320	78.50	3.89	39	SS400		
40	UR-SPL-I	TCB	M 22* 65			0.508	20	S10T		
5	COV	PL	120* 6	460	47.10	2.60	13	SS400		
5	COV-I	RB	13 φ	280	1.040	0.291	1	SS400		
40	COV	BN	M 12* 35			0.073	3	SS400		1-W,HDG
JL7-JL8										
								354 kg		

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J21 JL8-RR1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	970	70.65	32.2	32	SS400		
1	D-SPL-U	PL	470* 9	305	70.65	10.1	10	SS400		

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1	D-SPL	PL	470* 14	270	109.9	13.9	14	SS400		
2	D-SPL	PL	470* 14	250	109.9	12.9	26	SS400		
1	D-SPL	PL	470* 14	245	109.9	12.7	13	SS400		
66	D-SPL	TCB	M 22* 75			0.538	36	S10T		
1	ST-SPL	PL	255* 9	320	70.65	5.77	6	SS400		
1	ST-SPL	PL	335* 16	320	125.6	13.5	14	SS400		
12	ST-SPL	TCB	M 22* 70			0.523	6	S10T		
2	ST-SPL	PL	80* 9	320	70.65	1.81	4	SS400		
4	ST-SPL	TCB	M 22* 65			0.508	2	S10T		
6	PR-SPL	PL	175* 18	620	141.3	15.3	92	SS400		
48	PR-SPL	TCB	M 22* 95			0.598	29	S10T		
JL8-RR1							284 kg			
J21							3023 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J22 LL1-JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	970	70.65	32.2	32	SS400		
1	D-SPL-U	PL	470* 9	305	70.65	10.1	10	SS400		
1	D-SPL	PL	470* 14	270	109.9	13.9	14	SS400		
2	D-SPL	PL	470* 14	250	109.9	12.9	26	SS400		
1	D-SPL	PL	470* 14	245	109.9	12.7	13	SS400		
66	D-SPL	TCB	M 22* 75			0.538	36	S10T		
1	ST-SPL	PL	255* 9	320	70.65	5.77	6	SS400		
1	ST-SPL	PL	335* 16	320	125.6	13.5	14	SS400		
12	ST-SPL	TCB	M 22* 70			0.523	6	S10T		
2	ST-SPL	PL	80* 9	320	70.65	1.81	4	SS400		
4	ST-SPL	TCB	M 22* 65			0.508	2	S10T		
6	PR-SPL	PL	175* 18	620	141.3	15.3	92	SS400		
48	PR-SPL	TCB	M 22* 95			0.598	29	S10T		
LL1-JL1							284 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J22 JL1-JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	2975	70.65	98.8	99	SS400		
1	D-SPL	PL	470* 14	223	109.9	11.5	12	SS400		
5	D-SPL	PL	470* 14	230	109.9	11.9	60	SS400		
4	D-SPL	PL	470* 14	80	109.9	4.13	17	SS400		
1	D-SPL	PL	470* 14	155	109.9	8.01	8	SS400		
48	D-SPL	TCB	M 22* 75			0.538	26	S10T		

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96	D-SPL	HTB	M 22* 80			0.585	56	F10T		
10	UR-SPL-I	PL	155* 10	320	78.50	3.89	39	SS400		
40	UR-SPL-I	TCB	M 22* 65			0.508	20	S10T		
5	COV	PL	120* 6	460	47.10	2.60	13	SS400		
5	COV-I	RB	13 φ	280	1.040	0.291	1	SS400		
40	COV	BN	M 12* 35			0.073	3	SS400		1-W,HDG
JL1-JL2							354 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J22 JL2-JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	980	70.65	32.5	32	SS400		
2	D-SPL-U	PL	470* 9	305	70.65	10.1	20	SS400		
2	D-SPL	PL	470* 14	245	109.9	12.7	25	SS400		
2	D-SPL	PL	470* 14	230	109.9	11.9	24	SS400		
2	D-SPL	PL	470* 14	80	109.9	4.13	8	SS400		
36	D-SPL	TCB	M 22* 75			0.538	19	S10T		
36	D-SPL	HTB	M 22* 80			0.585	21	F10T		
4	UR-SPL-O	PL	155* 10	320	78.50	3.89	16	SS400		
16	UR-SPL-O	TCB	M 22* 65			0.508	8	S10T		
2	COV	PL	120* 6	460	47.10	2.60	5	SS400		
2	COV-O	RB	13 φ	280	1.040	0.291	1	SS400		
16	COV	BN	M 12* 35			0.073	1	SS400		1-W,HDG
2	PR-SPL	PL	175* 18	620	141.3	15.3	31	SS400		
16	PR-SPL	TCB	M 22* 95			0.598	10	S10T		
JL2-JL3							221 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J22 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	2690	70.65	89.3	89	SS400		
2	D-SPL	PL	470* 14	155	109.9	8.01	16	SS400		
7	D-SPL	PL	470* 14	230	109.9	11.9	83	SS400		
78	D-SPL	TCB	M 22* 75			0.538	42	S10T		
72	D-SPL	HTB	M 22* 80			0.585	42	F10T		
8	UR-SPL-I	PL	155* 10	320	78.50	3.89	31	SS400		
32	UR-SPL-I	TCB	M 22* 65			0.508	16	S10T		
4	COV	PL	120* 6	460	47.10	2.60	10	SS400		
4	COV-I	RB	13 φ	280	1.040	0.291	1	SS400		
32	COV	BN	M 12* 35			0.073	2	SS400		1-W,HDG
JL3-JL4							332 kg			

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APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J22 JL4-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	2630	70.65	87.3	87	SS400		
2	D-SPL-U	PL	470* 9	305	70.65	10.1	20	SS400		
2	D-SPL	PL	470* 14	245	109.9	12.7	25	SS400		
4	D-SPL	PL	470* 14	230	109.9	11.9	48	SS400		
4	D-SPL	PL	470* 14	280	109.9	14.5	58	SS400		
132	D-SPL	TCB	M 22* 75			0.538	71	S10T		
36	D-SPL	HTB	M 22* 80			0.585	21	F10T		
4	UR-SPL-O	PL	155* 10	320	78.50	3.89	16	SS400		
16	UR-SPL-O	TCB	M 22* 65			0.508	8	S10T		
2	COV	PL	120* 6	460	47.10	2.60	5	SS400		
2	COV-O	RB	13 φ	280	1.040	0.291	1	SS400		
16	COV	BN	M 12* 35			0.073	1	SS400		1-W,HDG
10	PR-SPL	PL	175* 18	620	141.3	15.3	153	SS400		
80	PR-SPL	TCB	M 22* 95			0.598	48	S10T		
JL4-JL5							562 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J22 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	2690	70.65	89.3	89	SS400		
2	D-SPL	PL	470* 14	155	109.9	8.01	16	SS400		
7	D-SPL	PL	470* 14	230	109.9	11.9	83	SS400		
78	D-SPL	TCB	M 22* 75			0.538	42	S10T		
72	D-SPL	HTB	M 22* 80			0.585	42	F10T		
8	UR-SPL-I	PL	155* 10	320	78.50	3.89	31	SS400		
32	UR-SPL-I	TCB	M 22* 65			0.508	16	S10T		
4	COV	PL	120* 6	460	47.10	2.60	10	SS400		
4	COV-I	RB	13 φ	280	1.040	0.291	1	SS400		
32	COV	BN	M 12* 35			0.073	2	SS400		1-W,HDG
JL5-JL6							332 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J22 JL6-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	980	70.65	32.5	32	SS400		
2	D-SPL-U	PL	470* 9	305	70.65	10.1	20	SS400		
2	D-SPL	PL	470* 14	245	109.9	12.7	25	SS400		
2	D-SPL	PL	470* 14	230	109.9	11.9	24	SS400		

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2	D-SPL	PL	470* 14	80	109.9	4.13	8	SS400		
36	D-SPL	TCB	M 22* 75			0.538	19	S10T		
36	D-SPL	HTB	M 22* 80			0.585	21	F10T		
4	UR-SPL-O	PL	155* 10	320	78.50	3.89	16	SS400		
16	UR-SPL-O	TCB	M 22* 65			0.508	8	S10T		
2	COV	PL	120* 6	460	47.10	2.60	5	SS400		
2	COV-O	RB	13 φ	280	1.040	0.291	1	SS400		
16	COV	BN	M 12* 35			0.073	1	SS400		1-W,HDG
2	PR-SPL	PL	175* 18	620	141.3	15.3	31	SS400		
16	PR-SPL	TCB	M 22* 95			0.598	10	S10T		
JL6-JL7								221 kg		

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J22 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	2975	70.65	98.8	99	SS400		
1	D-SPL	PL	470* 14	223	109.9	11.5	12	SS400		
5	D-SPL	PL	470* 14	230	109.9	11.9	60	SS400		
4	D-SPL	PL	470* 14	80	109.9	4.13	17	SS400		
1	D-SPL	PL	470* 14	155	109.9	8.01	8	SS400		
48	D-SPL	TCB	M 22* 75			0.538	26	S10T		
96	D-SPL	HTB	M 22* 80			0.585	56	F10T		
10	UR-SPL-I	PL	155* 10	320	78.50	3.89	39	SS400		
40	UR-SPL-I	TCB	M 22* 65			0.508	20	S10T		
5	COV	PL	120* 6	460	47.10	2.60	13	SS400		
5	COV-I	RB	13 φ	280	1.040	0.291	1	SS400		
40	COV	BN	M 12* 35			0.073	3	SS400		1-W,HDG
JL7-JL8								354 kg		

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J22 JL8-RR1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	970	70.65	32.2	32	SS400		
1	D-SPL-U	PL	470* 9	305	70.65	10.1	10	SS400		
1	D-SPL	PL	470* 14	270	109.9	13.9	14	SS400		
2	D-SPL	PL	470* 14	250	109.9	12.9	26	SS400		
1	D-SPL	PL	470* 14	245	109.9	12.7	13	SS400		
66	D-SPL	TCB	M 22* 75			0.538	36	S10T		
1	ST-SPL	PL	255* 9	320	70.65	5.77	6	SS400		
1	ST-SPL	PL	335* 16	320	125.6	13.5	14	SS400		
12	ST-SPL	TCB	M 22* 70			0.523	6	S10T		
2	ST-SPL	PL	80* 9	320	70.65	1.81	4	SS400		

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4	ST-SPL	TCB	M 22* 65			0.508	2	S10T		
6	PR-SPL	PL	175* 18	620	141.3	15.3	92	SS400		
48	PR-SPL	TCB	M 22* 95			0.598	29	S10T		
JL8-RR1							284 kg			
J22										
							2944 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J23 LL1-JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	970	70.65	32.2	32	SS400		
1	D-SPL-U	PL	470* 9	305	70.65	10.1	10	SS400		
1	D-SPL	PL	470* 14	270	109.9	13.9	14	SS400		
2	D-SPL	PL	470* 14	250	109.9	12.9	26	SS400		
1	D-SPL	PL	470* 14	245	109.9	12.7	13	SS400		
66	D-SPL	TCB	M 22* 75			0.538	36	S10T		
1	ST-SPL	PL	255* 9	320	70.65	5.77	6	SS400		
1	ST-SPL	PL	335* 16	320	125.6	13.5	14	SS400		
12	ST-SPL	TCB	M 22* 70			0.523	6	S10T		
2	ST-SPL	PL	80* 9	320	70.65	1.81	4	SS400		
4	ST-SPL	TCB	M 22* 65			0.508	2	S10T		
6	PR-SPL	PL	175* 18	620	141.3	15.3	92	SS400		
48	PR-SPL	TCB	M 22* 95			0.598	29	S10T		
LL1-JL1							284 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J23 JL1-JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	2975	70.65	98.8	99	SS400		
1	D-SPL	PL	470* 14	223	109.9	11.5	12	SS400		
5	D-SPL	PL	470* 14	230	109.9	11.9	60	SS400		
4	D-SPL	PL	470* 14	80	109.9	4.13	17	SS400		
1	D-SPL	PL	470* 14	155	109.9	8.01	8	SS400		
48	D-SPL	TCB	M 22* 75			0.538	26	S10T		
96	D-SPL	HTB	M 22* 80			0.585	56	F10T		
10	UR-SPL-I	PL	155* 10	320	78.50	3.89	39	SS400		
40	UR-SPL-I	TCB	M 22* 65			0.508	20	S10T		
5	COV	PL	120* 6	460	47.10	2.60	13	SS400		
5	COV-I	RB	13 φ	280	1.040	0.291	1	SS400		
40	COV	BN	M 12* 35			0.073	3	SS400		1-W,HDG
JL1-JL2							354 kg			

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APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J23 JL2-JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	980	70.65	32.5	32	SS400		
2	D-SPL-U	PL	470* 9	305	70.65	10.1	20	SS400		
2	D-SPL	PL	470* 14	245	109.9	12.7	25	SS400		
2	D-SPL	PL	470* 14	230	109.9	11.9	24	SS400		
2	D-SPL	PL	470* 14	80	109.9	4.13	8	SS400		
36	D-SPL	TCB	M 22* 75			0.538	19	S10T		
36	D-SPL	HTB	M 22* 80			0.585	21	F10T		
4	UR-SPL-O	PL	155* 10	320	78.50	3.89	16	SS400		
16	UR-SPL-O	TCB	M 22* 65			0.508	8	S10T		
2	COV	PL	120* 6	460	47.10	2.60	5	SS400		
2	COV-O	RB	13 φ	280	1.040	0.291	1	SS400		
16	COV	BN	M 12* 35			0.073	1	SS400		1-W,HDG
2	PR-SPL	PL	175* 18	620	141.3	15.3	31	SS400		
16	PR-SPL	TCB	M 22* 95			0.598	10	S10T		
JL2-JL3							221 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J23 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	2690	70.65	89.3	89	SS400		
2	D-SPL	PL	470* 14	155	109.9	8.01	16	SS400		
7	D-SPL	PL	470* 14	230	109.9	11.9	83	SS400		
78	D-SPL	TCB	M 22* 75			0.538	42	S10T		
72	D-SPL	HTB	M 22* 80			0.585	42	F10T		
8	UR-SPL-I	PL	155* 10	320	78.50	3.89	31	SS400		
32	UR-SPL-I	TCB	M 22* 65			0.508	16	S10T		
4	COV	PL	120* 6	460	47.10	2.60	10	SS400		
4	COV-I	RB	13 φ	280	1.040	0.291	1	SS400		
32	COV	BN	M 12* 35			0.073	2	SS400		1-W,HDG
JL3-JL4							332 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J23 JL4-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	2630	70.65	87.3	87	SS400		
2	D-SPL-U	PL	470* 9	305	70.65	10.1	20	SS400		
2	D-SPL	PL	470* 14	245	109.9	12.7	25	SS400		
4	D-SPL	PL	470* 14	230	109.9	11.9	48	SS400		

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4	D-SPL	PL	470* 14	280	109.9	14.5	58	SS400		
132	D-SPL	TCB	M 22* 75			0.538	71	S10T		
36	D-SPL	HTB	M 22* 80			0.585	21	F10T		
4	UR-SPL-O	PL	155* 10	320	78.50	3.89	16	SS400		
16	UR-SPL-O	TCB	M 22* 65			0.508	8	S10T		
2	COV	PL	120* 6	460	47.10	2.60	5	SS400		
2	COV-O	RB	13 φ	280	1.040	0.291	1	SS400		
16	COV	BN	M 12* 35			0.073	1	SS400		1-W,HDG
10	PR-SPL	PL	175* 18	620	141.3	15.3	153	SS400		
80	PR-SPL	TCB	M 22* 95			0.598	48	S10T		
JL4-JL5								562 kg		

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J23 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	2690	70.65	89.3	89	SS400		
2	D-SPL	PL	470* 14	155	109.9	8.01	16	SS400		
7	D-SPL	PL	470* 14	230	109.9	11.9	83	SS400		
78	D-SPL	TCB	M 22* 75			0.538	42	S10T		
72	D-SPL	HTB	M 22* 80			0.585	42	F10T		
8	UR-SPL-I	PL	155* 10	320	78.50	3.89	31	SS400		
32	UR-SPL-I	TCB	M 22* 65			0.508	16	S10T		
4	COV	PL	120* 6	460	47.10	2.60	10	SS400		
4	COV-I	RB	13 φ	280	1.040	0.291	1	SS400		
32	COV	BN	M 12* 35			0.073	2	SS400		1-W,HDG
JL5-JL6								332 kg		

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J23 JL6-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	980	70.65	32.5	32	SS400		
2	D-SPL-U	PL	470* 9	305	70.65	10.1	20	SS400		
2	D-SPL	PL	470* 14	245	109.9	12.7	25	SS400		
2	D-SPL	PL	470* 14	230	109.9	11.9	24	SS400		
2	D-SPL	PL	470* 14	80	109.9	4.13	8	SS400		
36	D-SPL	TCB	M 22* 75			0.538	19	S10T		
36	D-SPL	HTB	M 22* 80			0.585	21	F10T		
4	UR-SPL-O	PL	155* 10	320	78.50	3.89	16	SS400		
16	UR-SPL-O	TCB	M 22* 65			0.508	8	S10T		
2	COV	PL	120* 6	460	47.10	2.60	5	SS400		
2	COV-O	RB	13 φ	280	1.040	0.291	1	SS400		
16	COV	BN	M 12* 35			0.073	1	SS400		1-W,HDG

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2	PR-SPL	PL	175* 18	620	141.3	15.3	31	SS400		
16	PR-SPL	TCB	M 22* 95			0.598	10	S10T		
JL6-JL7							221 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J23 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	2975	70.65	98.8	99	SS400		
1	D-SPL	PL	470* 14	223	109.9	11.5	12	SS400		
5	D-SPL	PL	470* 14	230	109.9	11.9	60	SS400		
4	D-SPL	PL	470* 14	80	109.9	4.13	17	SS400		
1	D-SPL	PL	470* 14	155	109.9	8.01	8	SS400		
48	D-SPL	TCB	M 22* 75			0.538	26	S10T		
96	D-SPL	HTB	M 22* 80			0.585	56	F10T		
10	UR-SPL-I	PL	155* 10	320	78.50	3.89	39	SS400		
40	UR-SPL-I	TCB	M 22* 65			0.508	20	S10T		
5	COV	PL	120* 6	460	47.10	2.60	13	SS400		
5	COV-I	RB	13 φ	280	1.040	0.291	1	SS400		
40	COV	BN	M 12* 35			0.073	3	SS400		1-W,HDG
JL7-JL8							354 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J23 JL8-RR1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	970	70.65	32.2	32	SS400		
1	D-SPL-U	PL	470* 9	305	70.65	10.1	10	SS400		
1	D-SPL	PL	470* 14	270	109.9	13.9	14	SS400		
2	D-SPL	PL	470* 14	250	109.9	12.9	26	SS400		
1	D-SPL	PL	470* 14	245	109.9	12.7	13	SS400		
66	D-SPL	TCB	M 22* 75			0.538	36	S10T		
1	ST-SPL	PL	255* 9	320	70.65	5.77	6	SS400		
1	ST-SPL	PL	335* 16	320	125.6	13.5	14	SS400		
12	ST-SPL	TCB	M 22* 70			0.523	6	S10T		
2	ST-SPL	PL	80* 9	320	70.65	1.81	4	SS400		
4	ST-SPL	TCB	M 22* 65			0.508	2	S10T		
6	PR-SPL	PL	175* 18	620	141.3	15.3	92	SS400		
48	PR-SPL	TCB	M 22* 95			0.598	29	S10T		
JL8-RR1							284 kg			
J23							2944 kg			

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APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J24 LL1-JL1											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	D-SPL-U	PL	470* 9	970	70.65	32.2	32	SS400			
1	D-SPL-U	PL	470* 9	305	70.65	10.1	10	SS400			
1	D-SPL	PL	470* 14	270	109.9	13.9	14	SS400			
2	D-SPL	PL	470* 14	250	109.9	12.9	26	SS400			
1	D-SPL	PL	470* 14	245	109.9	12.7	13	SS400			
66	D-SPL	TCB	M 22* 75			0.538	36	S10T			
1	ST-SPL	PL	255* 9	320	70.65	5.77	6	SS400			
1	ST-SPL	PL	335* 16	320	125.6	13.5	14	SS400			
12	ST-SPL	TCB	M 22* 70			0.523	6	S10T			
2	ST-SPL	PL	80* 9	320	70.65	1.81	4	SS400			
4	ST-SPL	TCB	M 22* 65			0.508	2	S10T			
6	PR-SPL	PL	175* 18	620	141.3	15.3	92	SS400			
48	PR-SPL	TCB	M 22* 95			0.598	29	S10T			
							LL1-JL1				284 kg

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J24 JL1-JL2											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	D-SPL-U	PL	470* 9	2975	70.65	98.8	99	SS400			
1	D-SPL	PL	470* 14	223	109.9	11.5	12	SS400			
5	D-SPL	PL	470* 14	230	109.9	11.9	60	SS400			
4	D-SPL	PL	470* 14	80	109.9	4.13	17	SS400			
1	D-SPL	PL	470* 14	155	109.9	8.01	8	SS400			
48	D-SPL	TCB	M 22* 75			0.538	26	S10T			
96	D-SPL	HTB	M 22* 80			0.585	56	F10T			
10	UR-SPL-I	PL	155* 10	320	78.50	3.89	39	SS400			
40	UR-SPL-I	TCB	M 22* 65			0.508	20	S10T			
5	COV	PL	120* 6	460	47.10	2.60	13	SS400			
5	COV-I	RB	13 φ	280	1.040	0.291	1	SS400			
40	COV	BN	M 12* 35			0.073	3	SS400		1-W,HDG	
							JL1-JL2				354 kg

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J24 JL2-JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	980	70.65	32.5	32	SS400		
2	D-SPL-U	PL	470* 9	305	70.65	10.1	20	SS400		
2	D-SPL	PL	470* 14	245	109.9	12.7	25	SS400		
2	D-SPL	PL	470* 14	230	109.9	11.9	24	SS400		

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2	D-SPL	PL	470* 14	80	109.9	4.13	8	SS400		
36	D-SPL	TCB	M 22* 75			0.538	19	S10T		
36	D-SPL	HTB	M 22* 80			0.585	21	F10T		
4	UR-SPL-O	PL	155* 10	320	78.50	3.89	16	SS400		
16	UR-SPL-O	TCB	M 22* 65			0.508	8	S10T		
2	COV	PL	120* 6	460	47.10	2.60	5	SS400		
2	COV-O	RB	13 φ	280	1.040	0.291	1	SS400		
16	COV	BN	M 12* 35			0.073	1	SS400		1-W,HDG
2	PR-SPL	PL	175* 18	620	141.3	15.3	31	SS400		
16	PR-SPL	TCB	M 22* 95			0.598	10	S10T		
JL2-JL3								221 kg		

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J24 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	2690	70.65	89.3	89	SS400		
2	D-SPL	PL	470* 14	155	109.9	8.01	16	SS400		
7	D-SPL	PL	470* 14	230	109.9	11.9	83	SS400		
78	D-SPL	TCB	M 22* 75			0.538	42	S10T		
72	D-SPL	HTB	M 22* 80			0.585	42	F10T		
8	UR-SPL-I	PL	155* 10	320	78.50	3.89	31	SS400		
32	UR-SPL-I	TCB	M 22* 65			0.508	16	S10T		
4	COV	PL	120* 6	460	47.10	2.60	10	SS400		
4	COV-I	RB	13 φ	280	1.040	0.291	1	SS400		
32	COV	BN	M 12* 35			0.073	2	SS400		1-W,HDG
JL3-JL4								332 kg		

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J24 JL4-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	2630	70.65	87.3	87	SS400		
2	D-SPL-U	PL	470* 9	305	70.65	10.1	20	SS400		
2	D-SPL	PL	470* 14	245	109.9	12.7	25	SS400		
4	D-SPL	PL	470* 14	230	109.9	11.9	48	SS400		
4	D-SPL	PL	470* 14	280	109.9	14.5	58	SS400		
132	D-SPL	TCB	M 22* 75			0.538	71	S10T		
36	D-SPL	HTB	M 22* 80			0.585	21	F10T		
4	UR-SPL-O	PL	155* 10	320	78.50	3.89	16	SS400		
16	UR-SPL-O	TCB	M 22* 65			0.508	8	S10T		
2	COV	PL	120* 6	460	47.10	2.60	5	SS400		
2	COV-O	RB	13 φ	280	1.040	0.291	1	SS400		
16	COV	BN	M 12* 35			0.073	1	SS400		1-W,HDG

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10	PR-SPL	PL	175* 18	620	141.3	15.3	153	SS400		
80	PR-SPL	TCB	M 22* 95			0.598	48	S10T		
JL4-JL5							562 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J24 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	2690	70.65	89.3	89	SS400		
2	D-SPL	PL	470* 14	155	109.9	8.01	16	SS400		
7	D-SPL	PL	470* 14	230	109.9	11.9	83	SS400		
78	D-SPL	TCB	M 22* 75			0.538	42	S10T		
72	D-SPL	HTB	M 22* 80			0.585	42	F10T		
8	UR-SPL-I	PL	155* 10	320	78.50	3.89	31	SS400		
32	UR-SPL-I	TCB	M 22* 65			0.508	16	S10T		
4	COV	PL	120* 6	460	47.10	2.60	10	SS400		
4	COV-I	RB	13 φ	280	1.040	0.291	1	SS400		
32	COV	BN	M 12* 35			0.073	2	SS400		1-W,HDG
JL5-JL6							332 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J24 JL6-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	980	70.65	32.5	32	SS400		
2	D-SPL-U	PL	470* 9	305	70.65	10.1	20	SS400		
2	D-SPL	PL	470* 14	245	109.9	12.7	25	SS400		
2	D-SPL	PL	470* 14	230	109.9	11.9	24	SS400		
2	D-SPL	PL	470* 14	80	109.9	4.13	8	SS400		
36	D-SPL	TCB	M 22* 75			0.538	19	S10T		
36	D-SPL	HTB	M 22* 80			0.585	21	F10T		
4	UR-SPL-O	PL	155* 10	320	78.50	3.89	16	SS400		
16	UR-SPL-O	TCB	M 22* 65			0.508	8	S10T		
2	COV	PL	120* 6	460	47.10	2.60	5	SS400		
2	COV-O	RB	13 φ	280	1.040	0.291	1	SS400		
16	COV	BN	M 12* 35			0.073	1	SS400		1-W,HDG
2	PR-SPL	PL	175* 18	620	141.3	15.3	31	SS400		
16	PR-SPL	TCB	M 22* 95			0.598	10	S10T		
JL6-JL7							221 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J24 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks

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1	D-SPL-U	PL	470* 9	2975	70.65	98.8	99	SS400		
1	D-SPL	PL	470* 14	223	109.9	11.5	12	SS400		
5	D-SPL	PL	470* 14	230	109.9	11.9	60	SS400		
4	D-SPL	PL	470* 14	80	109.9	4.13	17	SS400		
1	D-SPL	PL	470* 14	155	109.9	8.01	8	SS400		
48	D-SPL	TCB	M 22* 75			0.538	26	S10T		
96	D-SPL	HTB	M 22* 80			0.585	56	F10T		
10	UR-SPL-I	PL	155* 10	320	78.50	3.89	39	SS400		
40	UR-SPL-I	TCB	M 22* 65			0.508	20	S10T		
5	COV	PL	120* 6	460	47.10	2.60	13	SS400		
5	COV-I	RB	13 ϕ	280	1.040	0.291	1	SS400		
40	COV	BN	M 12* 35			0.073	3	SS400		1-W,HDG
JL7-JL8							354 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J24 JL8-RR1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	970	70.65	32.2	32	SS400		
1	D-SPL-U	PL	470* 9	305	70.65	10.1	10	SS400		
1	D-SPL	PL	470* 14	270	109.9	13.9	14	SS400		
2	D-SPL	PL	470* 14	250	109.9	12.9	26	SS400		
1	D-SPL	PL	470* 14	245	109.9	12.7	13	SS400		
66	D-SPL	TCB	M 22* 75			0.538	36	S10T		
1	ST-SPL	PL	255* 9	320	70.65	5.77	6	SS400		
1	ST-SPL	PL	335* 16	320	125.6	13.5	14	SS400		
12	ST-SPL	TCB	M 22* 70			0.523	6	S10T		
2	ST-SPL	PL	80* 9	320	70.65	1.81	4	SS400		
4	ST-SPL	TCB	M 22* 65			0.508	2	S10T		
6	PR-SPL	PL	175* 18	620	141.3	15.3	92	SS400		
48	PR-SPL	TCB	M 22* 95			0.598	29	S10T		
JL8-RR1							284 kg			
J24							2944 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J25 LL1-JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	620* 9	970	70.65	42.5	42	SM490YA		
1	D-SPL-U	PL	620* 9	305	70.65	13.4	13	SM490YA		
1	D-SPL	PL	620* 14	270	109.9	18.4	18	SM490YA		
2	D-SPL	PL	620* 14	250	109.9	17.0	34	SM490YA		
1	D-SPL	PL	620* 14	245	109.9	16.7	17	SM490YA		

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88	D-SPL	TCB	M 22* 75			0.538	47	S10T		
1	ST-SPL	PL	255* 9	320	70.65	5.77	6	SS400		
1	ST-SPL	PL	335* 16	320	125.6	13.5	14	SS400		
12	ST-SPL	TCB	M 22* 70			0.523	6	S10T		
2	ST-SPL	PL	80* 9	320	70.65	1.81	4	SS400		
4	ST-SPL	TCB	M 22* 65			0.508	2	S10T		
6	PR-SPL	PL	175* 18	770	141.3	19.0	114	SM490YB		
60	PR-SPL	TCB	M 22* 95			0.598	36	S10T		
LL1-JL1							353 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J25 JL1-JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	620* 9	2975	70.65	130	130	SM490YA		
1	D-SPL	PL	620* 14	223	109.9	15.2	15	SM490YA		
5	D-SPL	PL	620* 14	230	109.9	15.7	78	SM490YA		
4	D-SPL	PL	620* 14	80	109.9	5.45	22	SM490YA		
1	D-SPL	PL	620* 14	155	109.9	10.6	11	SM490YA		
64	D-SPL	TCB	M 22* 75			0.538	34	S10T		
128	D-SPL	HTB	M 22* 80			0.585	75	F10T		
10	UR-SPL-I	PL	155* 10	470	78.50	5.72	57	SM490YA		
60	UR-SPL-I	TCB	M 22* 65			0.508	30	S10T		
5	COV	PL	120* 6	460	47.10	2.60	13	SS400		
5	COV-I	RB	13 ϕ	280	1.040	0.291	1	SS400		
40	COV	BN	M 12* 35			0.073	3	SS400		1-W,HDG
JL1-JL2							469 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J25 JL2-JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	620* 9	980	70.65	42.9	43	SM490YA		
2	D-SPL-U	PL	620* 9	305	70.65	13.4	27	SM490YA		
2	D-SPL	PL	620* 14	245	109.9	16.7	33	SM490YA		
2	D-SPL	PL	620* 14	230	109.9	15.7	31	SM490YA		
2	D-SPL	PL	620* 14	80	109.9	5.45	11	SM490YA		
48	D-SPL	TCB	M 22* 75			0.538	26	S10T		
48	D-SPL	HTB	M 22* 80			0.585	28	F10T		
4	UR-SPL-O	PL	155* 10	470	78.50	5.72	23	SM490YA		
24	UR-SPL-O	TCB	M 22* 65			0.508	12	S10T		
2	COV	PL	120* 6	460	47.10	2.60	5	SS400		
2	COV-O	RB	13 ϕ	280	1.040	0.291	1	SS400		
16	COV	BN	M 12* 35			0.073	1	SS400		1-W,HDG

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2	PR-SPL	PL	175* 18	770	141.3	19.0	38	SM490YB		
20	PR-SPL	TCB	M 22* 95			0.598	12	S10T		
JL2-JL3							291 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J25 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	620* 9	2690	70.65	118	118	SM490YA		
2	D-SPL	PL	620* 14	155	109.9	10.6	21	SM490YA		
7	D-SPL	PL	620* 14	230	109.9	15.7	110	SM490YA		
104	D-SPL	TCB	M 22* 75			0.538	56	S10T		
96	D-SPL	HTB	M 22* 80			0.585	56	F10T		
8	UR-SPL-I	PL	155* 10	470	78.50	5.72	46	SM490YA		
48	UR-SPL-I	TCB	M 22* 65			0.508	24	S10T		
4	COV	PL	120* 6	460	47.10	2.60	10	SS400		
4	COV-I	RB	13 φ	280	1.040	0.291	1	SS400		
32	COV	BN	M 12* 35			0.073	2	SS400		1-W,HDG
JL3-JL4							444 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J25 JL4-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	620* 9	2630	70.65	115	115	SM490YA		
2	D-SPL-U	PL	620* 9	305	70.65	13.4	27	SM490YA		
2	D-SPL	PL	620* 14	245	109.9	16.7	33	SM490YA		
4	D-SPL	PL	620* 14	230	109.9	15.7	63	SM490YA		
4	D-SPL	PL	620* 14	280	109.9	19.1	76	SM490YA		
176	D-SPL	TCB	M 22* 75			0.538	95	S10T		
48	D-SPL	HTB	M 22* 80			0.585	28	F10T		
4	UR-SPL-O	PL	155* 10	470	78.50	5.72	23	SM490YA		
24	UR-SPL-O	TCB	M 22* 65			0.508	12	S10T		
2	COV	PL	120* 6	460	47.10	2.60	5	SS400		
2	COV-O	RB	13 φ	280	1.040	0.291	1	SS400		
16	COV	BN	M 12* 35			0.073	1	SS400		1-W,HDG
10	PR-SPL	PL	175* 18	770	141.3	19.0	190	SM490YB		
100	PR-SPL	TCB	M 22* 95			0.598	60	S10T		
JL4-JL5							729 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J25 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks

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1	D-SPL-U	PL	620* 9	2690	70.65	118	118	SM490YA		
2	D-SPL	PL	620* 14	155	109.9	10.6	21	SM490YA		
7	D-SPL	PL	620* 14	230	109.9	15.7	110	SM490YA		
104	D-SPL	TCB	M 22* 75			0.538	56	S10T		
96	D-SPL	HTB	M 22* 80			0.585	56	F10T		
8	UR-SPL-I	PL	155* 10	470	78.50	5.72	46	SM490YA		
48	UR-SPL-I	TCB	M 22* 65			0.508	24	S10T		
4	COV	PL	120* 6	460	47.10	2.60	10	SS400		
4	COV-I	RB	13 φ	280	1.040	0.291	1	SS400		
32	COV	BN	M 12* 35			0.073	2	SS400		1-W,HDG
JL5-JL6							444 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J25 JL6-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	620* 9	980	70.65	42.9	43	SM490YA		
2	D-SPL-U	PL	620* 9	305	70.65	13.4	27	SM490YA		
2	D-SPL	PL	620* 14	245	109.9	16.7	33	SM490YA		
2	D-SPL	PL	620* 14	230	109.9	15.7	31	SM490YA		
2	D-SPL	PL	620* 14	80	109.9	5.45	11	SM490YA		
48	D-SPL	TCB	M 22* 75			0.538	26	S10T		
48	D-SPL	HTB	M 22* 80			0.585	28	F10T		
4	UR-SPL-O	PL	155* 10	470	78.50	5.72	23	SM490YA		
24	UR-SPL-O	TCB	M 22* 65			0.508	12	S10T		
2	COV	PL	120* 6	460	47.10	2.60	5	SS400		
2	COV-O	RB	13 φ	280	1.040	0.291	1	SS400		
16	COV	BN	M 12* 35			0.073	1	SS400		1-W,HDG
2	PR-SPL	PL	175* 18	770	141.3	19.0	38	SM490YB		
20	PR-SPL	TCB	M 22* 95			0.598	12	S10T		
JL6-JL7							291 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J25 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	620* 9	2975	70.65	130	130	SM490YA		
1	D-SPL	PL	620* 14	223	109.9	15.2	15	SM490YA		
5	D-SPL	PL	620* 14	230	109.9	15.7	78	SM490YA		
4	D-SPL	PL	620* 14	80	109.9	5.45	22	SM490YA		
1	D-SPL	PL	620* 14	155	109.9	10.6	11	SM490YA		
64	D-SPL	TCB	M 22* 75			0.538	34	S10T		
128	D-SPL	HTB	M 22* 80			0.585	75	F10T		
10	UR-SPL-I	PL	155* 10	470	78.50	5.72	57	SM490YA		

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60	UR-SPL-I	TCB	M 22* 65			0.508	30	S10T		
5	COV	PL	120* 6	460	47.10	2.60	13	SS400		
5	COV-I	RB	13 φ	280	1.040	0.291	1	SS400		
40	COV	BN	M 12* 35			0.073	3	SS400		1-W,HDG
JL7-JL8							469 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J25 JL8-RR1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	620* 9	970	70.65	42.5	42	SM490YA		
1	D-SPL-U	PL	620* 9	305	70.65	13.4	13	SM490YA		
1	D-SPL	PL	620* 14	270	109.9	18.4	18	SM490YA		
2	D-SPL	PL	620* 14	250	109.9	17.0	34	SM490YA		
1	D-SPL	PL	620* 14	245	109.9	16.7	17	SM490YA		
88	D-SPL	TCB	M 22* 75			0.538	47	S10T		
1	ST-SPL	PL	255* 9	320	70.65	5.77	6	SS400		
1	ST-SPL	PL	335* 16	320	125.6	13.5	14	SS400		
12	ST-SPL	TCB	M 22* 70			0.523	6	S10T		
2	ST-SPL	PL	80* 9	320	70.65	1.81	4	SS400		
4	ST-SPL	TCB	M 22* 65			0.508	2	S10T		
6	PR-SPL	PL	175* 18	770	141.3	19.0	114	SM490YB		
60	PR-SPL	TCB	M 22* 95			0.598	36	S10T		
JL8-RR1							353 kg			
J25							3843 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J26 LL1-JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	620* 9	970	70.65	42.5	42	SM490YA		
1	D-SPL-U	PL	620* 9	305	70.65	13.4	13	SM490YA		
1	D-SPL	PL	620* 14	270	109.9	18.4	18	SM490YA		
2	D-SPL	PL	620* 14	250	109.9	17.0	34	SM490YA		
1	D-SPL	PL	620* 14	245	109.9	16.7	17	SM490YA		
88	D-SPL	TCB	M 22* 75			0.538	47	S10T		
1	ST-SPL	PL	255* 9	320	70.65	5.77	6	SS400		
1	ST-SPL	PL	335* 16	320	125.6	13.5	14	SS400		
12	ST-SPL	TCB	M 22* 70			0.523	6	S10T		
2	ST-SPL	PL	80* 9	320	70.65	1.81	4	SS400		
4	ST-SPL	TCB	M 22* 65			0.508	2	S10T		
6	PR-SPL	PL	175* 18	770	141.3	19.0	114	SM490YB		
60	PR-SPL	TCB	M 22* 95			0.598	36	S10T		

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LL1-JL1	353 kg
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APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J26 JL1-JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	620* 9	2975	70.65	130	130	SM490YA		
1	D-SPL	PL	620* 14	223	109.9	15.2	15	SM490YA		
5	D-SPL	PL	620* 14	230	109.9	15.7	78	SM490YA		
4	D-SPL	PL	620* 14	80	109.9	5.45	22	SM490YA		
1	D-SPL	PL	620* 14	155	109.9	10.6	11	SM490YA		
64	D-SPL	TCB	M 22* 75			0.538	34	S10T		
128	D-SPL	HTB	M 22* 80			0.585	75	F10T		
10	UR-SPL-I	PL	155* 10	470	78.50	5.72	57	SM490YA		
60	UR-SPL-I	TCB	M 22* 65			0.508	30	S10T		
5	COV	PL	120* 6	460	47.10	2.60	13	SS400		
5	COV-I	RB	13 φ	280	1.040	0.291	1	SS400		
40	COV	BN	M 12* 35			0.073	3	SS400		1-W,HDG
JL1-JL2							469 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J26 JL2-JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	620* 9	980	70.65	42.9	43	SM490YA		
2	D-SPL-U	PL	620* 9	305	70.65	13.4	27	SM490YA		
2	D-SPL	PL	620* 14	245	109.9	16.7	33	SM490YA		
2	D-SPL	PL	620* 14	230	109.9	15.7	31	SM490YA		
2	D-SPL	PL	620* 14	80	109.9	5.45	11	SM490YA		
48	D-SPL	TCB	M 22* 75			0.538	26	S10T		
48	D-SPL	HTB	M 22* 80			0.585	28	F10T		
4	UR-SPL-O	PL	155* 10	470	78.50	5.72	23	SM490YA		
24	UR-SPL-O	TCB	M 22* 65			0.508	12	S10T		
2	COV	PL	120* 6	460	47.10	2.60	5	SS400		
2	COV-O	RB	13 φ	280	1.040	0.291	1	SS400		
16	COV	BN	M 12* 35			0.073	1	SS400		1-W,HDG
2	PR-SPL	PL	175* 18	770	141.3	19.0	38	SM490YB		
20	PR-SPL	TCB	M 22* 95			0.598	12	S10T		
JL2-JL3							291 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J26 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks

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1	D-SPL-U	PL	620* 9	2690	70.65	118	118	SM490YA		
2	D-SPL	PL	620* 14	155	109.9	10.6	21	SM490YA		
7	D-SPL	PL	620* 14	230	109.9	15.7	110	SM490YA		
104	D-SPL	TCB	M 22* 75			0.538	56	S10T		
96	D-SPL	HTB	M 22* 80			0.585	56	F10T		
8	UR-SPL-I	PL	155* 10	470	78.50	5.72	46	SM490YA		
48	UR-SPL-I	TCB	M 22* 65			0.508	24	S10T		
4	COV	PL	120* 6	460	47.10	2.60	10	SS400		
4	COV-I	RB	13 ϕ	280	1.040	0.291	1	SS400		
32	COV	BN	M 12* 35			0.073	2	SS400		1-W,HDG
JL3-JL4							444 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J26 JL4-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	620* 9	305	70.65	13.4	13	SM490YA		
1	D-SPL-U	PL	620* 9	2668	70.65	117	117	SM490YA		
1	D-SPL-U	PL	620* 9	305	70.65	13.4	13	SM490YA		
2	D-SPL	PL	620* 14	245	109.9	16.7	33	SM490YA		
4	D-SPL	PL	620* 14	230	109.9	15.7	63	SM490YA		
2	D-SPL	PL	620* 14	280	109.9	19.1	38	SM490YA		
1	D-SPL	PL	620* 14	259	109.9	17.6	18	SM490YA		
1	D-SPL	PL	620* 14	340	109.9	23.2	23	SM490YA		
184	D-SPL	TCB	M 22* 75			0.538	99	S10T		
48	D-SPL	HTB	M 22* 80			0.585	28	F10T		
4	UR-SPL-O	PL	155* 10	470	78.50	5.72	23	SM490YA		
24	UR-SPL-O	TCB	M 22* 65			0.508	12	S10T		
2	COV	PL	120* 6	460	47.10	2.60	5	SS400		
2	COV-O	RB	13 ϕ	280	1.040	0.291	1	SS400		
16	COV	BN	M 12* 35			0.073	1	SS400		1-W,HDG
10	PR-SPL	PL	175* 18	770	141.3	19.0	190	SM490YB		
100	PR-SPL	TCB	M 22* 95			0.598	60	S10T		
JL4-JL5							737 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J26 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	620* 9	2690	70.65	118	118	SM490YA		
2	D-SPL	PL	620* 14	155	109.9	10.6	21	SM490YA		
7	D-SPL	PL	620* 14	230	109.9	15.7	110	SM490YA		
104	D-SPL	TCB	M 22* 75			0.538	56	S10T		
96	D-SPL	HTB	M 22* 80			0.585	56	F10T		

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8	UR-SPL-I	PL	155* 10	470	78.50	5.72	46	SM490YA		
48	UR-SPL-I	TCB	M 22* 65			0.508	24	S10T		
4	COV	PL	120* 6	460	47.10	2.60	10	SS400		
4	COV-I	RB	13 φ	280	1.040	0.291	1	SS400		
32	COV	BN	M 12* 35			0.073	2	SS400		1-W,HDG
JL5-JL6							444 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J26 JL6-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	620* 9	980	70.65	42.9	43	SM490YA		
2	D-SPL-U	PL	620* 9	305	70.65	13.4	27	SM490YA		
2	D-SPL	PL	620* 14	245	109.9	16.7	33	SM490YA		
2	D-SPL	PL	620* 14	230	109.9	15.7	31	SM490YA		
2	D-SPL	PL	620* 14	80	109.9	5.45	11	SM490YA		
48	D-SPL	TCB	M 22* 75			0.538	26	S10T		
48	D-SPL	HTB	M 22* 80			0.585	28	F10T		
4	UR-SPL-O	PL	155* 10	470	78.50	5.72	23	SM490YA		
24	UR-SPL-O	TCB	M 22* 65			0.508	12	S10T		
2	COV	PL	120* 6	460	47.10	2.60	5	SS400		
2	COV-O	RB	13 φ	280	1.040	0.291	1	SS400		
16	COV	BN	M 12* 35			0.073	1	SS400		1-W,HDG
2	PR-SPL	PL	175* 18	770	141.3	19.0	38	SM490YB		
20	PR-SPL	TCB	M 22* 95			0.598	12	S10T		
JL6-JL7							291 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J26 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	620* 9	2975	70.65	130	130	SM490YA		
1	D-SPL	PL	620* 14	223	109.9	15.2	15	SM490YA		
5	D-SPL	PL	620* 14	230	109.9	15.7	78	SM490YA		
4	D-SPL	PL	620* 14	80	109.9	5.45	22	SM490YA		
1	D-SPL	PL	620* 14	155	109.9	10.6	11	SM490YA		
64	D-SPL	TCB	M 22* 75			0.538	34	S10T		
128	D-SPL	HTB	M 22* 80			0.585	75	F10T		
10	UR-SPL-I	PL	155* 10	470	78.50	5.72	57	SM490YA		
60	UR-SPL-I	TCB	M 22* 65			0.508	30	S10T		
5	COV	PL	120* 6	460	47.10	2.60	13	SS400		
5	COV-I	RB	13 φ	280	1.040	0.291	1	SS400		
40	COV	BN	M 12* 35			0.073	3	SS400		1-W,HDG

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JL7-JL8	469 kg
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APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J26 JL8-RR1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	620* 9	970	70.65	42.5	42	SM490YA		
1	D-SPL-U	PL	620* 9	305	70.65	13.4	13	SM490YA		
1	D-SPL	PL	620* 14	270	109.9	18.4	18	SM490YA		
2	D-SPL	PL	620* 14	250	109.9	17.0	34	SM490YA		
1	D-SPL	PL	620* 14	245	109.9	16.7	17	SM490YA		
88	D-SPL	TCB	M 22* 75			0.538	47	S10T		
1	ST-SPL	PL	255* 9	320	70.65	5.77	6	SS400		
1	ST-SPL	PL	335* 16	320	125.6	13.5	14	SS400		
12	ST-SPL	TCB	M 22* 70			0.523	6	S10T		
2	ST-SPL	PL	80* 9	320	70.65	1.81	4	SS400		
4	ST-SPL	TCB	M 22* 65			0.508	2	S10T		
6	PR-SPL	PL	175* 18	770	141.3	19.0	114	SM490YB		
60	PR-SPL	TCB	M 22* 95			0.598	36	S10T		
JL8-RR1							353 kg			
J26							3851 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J27 LL1-JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	620* 9	970	70.65	42.5	42	SM490YA		
1	D-SPL-U	PL	620* 9	305	70.65	13.4	13	SM490YA		
1	D-SPL	PL	620* 14	270	109.9	18.4	18	SM490YA		
2	D-SPL	PL	620* 14	250	109.9	17.0	34	SM490YA		
1	D-SPL	PL	620* 14	245	109.9	16.7	17	SM490YA		
88	D-SPL	TCB	M 22* 75			0.538	47	S10T		
1	ST-SPL	PL	255* 9	320	70.65	5.77	6	SS400		
1	ST-SPL	PL	335* 16	320	125.6	13.5	14	SS400		
12	ST-SPL	TCB	M 22* 70			0.523	6	S10T		
2	ST-SPL	PL	80* 9	320	70.65	1.81	4	SS400		
4	ST-SPL	TCB	M 22* 65			0.508	2	S10T		
6	PR-SPL	PL	175* 18	770	141.3	19.0	114	SM490YB		
60	PR-SPL	TCB	M 22* 95			0.598	36	S10T		
LL1-JL1							353 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J27 JL1-JL2										
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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	620* 9	2975	70.65	130	130	SM490YA		
1	D-SPL	PL	620* 14	223	109.9	15.2	15	SM490YA		
5	D-SPL	PL	620* 14	230	109.9	15.7	78	SM490YA		
4	D-SPL	PL	620* 14	80	109.9	5.45	22	SM490YA		
1	D-SPL	PL	620* 14	155	109.9	10.6	11	SM490YA		
64	D-SPL	TCB	M 22* 75			0.538	34	S10T		
128	D-SPL	HTB	M 22* 80			0.585	75	F10T		
10	UR-SPL-I	PL	155* 10	470	78.50	5.72	57	SM490YA		
60	UR-SPL-I	TCB	M 22* 65			0.508	30	S10T		
5	COV	PL	120* 6	460	47.10	2.60	13	SS400		
5	COV-I	RB	13 φ	280	1.040	0.291	1	SS400		
40	COV	BN	M 12* 35			0.073	3	SS400		1-W,HDG
JL1-JL2							469 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J27 JL2-JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	620* 9	980	70.65	42.9	43	SM490YA		
2	D-SPL-U	PL	620* 9	305	70.65	13.4	27	SM490YA		
2	D-SPL	PL	620* 14	245	109.9	16.7	33	SM490YA		
2	D-SPL	PL	620* 14	230	109.9	15.7	31	SM490YA		
2	D-SPL	PL	620* 14	80	109.9	5.45	11	SM490YA		
48	D-SPL	TCB	M 22* 75			0.538	26	S10T		
48	D-SPL	HTB	M 22* 80			0.585	28	F10T		
4	UR-SPL-O	PL	155* 10	470	78.50	5.72	23	SM490YA		
24	UR-SPL-O	TCB	M 22* 65			0.508	12	S10T		
2	COV	PL	120* 6	460	47.10	2.60	5	SS400		
2	COV-O	RB	13 φ	280	1.040	0.291	1	SS400		
16	COV	BN	M 12* 35			0.073	1	SS400		1-W,HDG
2	PR-SPL	PL	175* 18	770	141.3	19.0	38	SM490YB		
20	PR-SPL	TCB	M 22* 95			0.598	12	S10T		
JL2-JL3							291 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J27 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	620* 9	2690	70.65	118	118	SM490YA		
2	D-SPL	PL	620* 14	155	109.9	10.6	21	SM490YA		
7	D-SPL	PL	620* 14	230	109.9	15.7	110	SM490YA		
104	D-SPL	TCB	M 22* 75			0.538	56	S10T		
96	D-SPL	HTB	M 22* 80			0.585	56	F10T		

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8	UR-SPL-I	PL	155* 10	470	78.50	5.72	46	SM490YA		
48	UR-SPL-I	TCB	M 22* 65			0.508	24	S10T		
4	COV	PL	120* 6	460	47.10	2.60	10	SS400		
4	COV-I	RB	13 φ	280	1.040	0.291	1	SS400		
32	COV	BN	M 12* 35			0.073	2	SS400		1-W,HDG
JL3-JL4							444 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J27 JL4-JL4A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	620* 9	305	70.65	13.4	13	SM490YA		
1	D-SPL-U	PL	620* 9	1385	70.65	60.7	61	SM490YA		
1	D-SPL-U	PL	620* 9	290	70.65	12.7	13	SM490YA		
1	D-SPL	PL	620* 14	245	109.9	16.7	17	SM490YA		
3	D-SPL	PL	620* 14	230	109.9	15.7	47	SM490YA		
1	D-SPL	PL	620* 14	280	109.9	19.1	19	SM490YA		
1	D-SPL	PL	620* 14	355	109.9	24.2	24	SM490YA		
112	D-SPL	TCB	M 22* 75			0.538	60	S10T		
24	D-SPL	HTB	M 22* 80			0.585	14	F10T		
JL4-JL4A							268 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J27 JL4A-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	620* 9	1212	70.65	53.1	53	SM490YA		
1	D-SPL-U	PL	620* 9	305	70.65	13.4	13	SM490YA		
1	D-SPL	PL	620* 14	182	109.9	12.4	12	SM490YA		
1	D-SPL	PL	620* 14	280	109.9	19.1	19	SM490YA		
2	D-SPL	PL	620* 14	230	109.9	15.7	31	SM490YA		
1	D-SPL	PL	620* 14	245	109.9	16.7	17	SM490YA		
80	D-SPL	TCB	M 22* 75			0.538	43	S10T		
24	D-SPL	HTB	M 22* 80			0.585	14	F10T		
4	UR-SPL-O	PL	155* 10	470	78.50	5.72	23	SM490YA		
24	UR-SPL-O	TCB	M 22* 65			0.508	12	S10T		
2	COV	PL	120* 6	460	47.10	2.60	5	SS400		
2	COV-O	RB	13 φ	280	1.040	0.291	1	SS400		
16	COV	BN	M 12* 35			0.073	1	SS400		1-W,HDG
12	PR-SPL	PL	175* 18	770	141.3	19.0	228	SM490YB		
120	PR-SPL	TCB	M 22* 95			0.598	72	S10T		
JL4A-JL5							544 kg			

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APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J27 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	620* 9	2690	70.65	118	118	SM490YA		
2	D-SPL	PL	620* 14	155	109.9	10.6	21	SM490YA		
7	D-SPL	PL	620* 14	230	109.9	15.7	110	SM490YA		
104	D-SPL	TCB	M 22* 75			0.538	56	S10T		
96	D-SPL	HTB	M 22* 80			0.585	56	F10T		
8	UR-SPL-I	PL	155* 10	470	78.50	5.72	46	SM490YA		
48	UR-SPL-I	TCB	M 22* 65			0.508	24	S10T		
4	COV	PL	120* 6	460	47.10	2.60	10	SS400		
4	COV-I	RB	13 φ	280	1.040	0.291	1	SS400		
32	COV	BN	M 12* 35			0.073	2	SS400		1-W,HDG
JL5-JL6							444 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J27 JL6-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	620* 9	980	70.65	42.9	43	SM490YA		
2	D-SPL-U	PL	620* 9	305	70.65	13.4	27	SM490YA		
2	D-SPL	PL	620* 14	245	109.9	16.7	33	SM490YA		
2	D-SPL	PL	620* 14	230	109.9	15.7	31	SM490YA		
2	D-SPL	PL	620* 14	80	109.9	5.45	11	SM490YA		
48	D-SPL	TCB	M 22* 75			0.538	26	S10T		
48	D-SPL	HTB	M 22* 80			0.585	28	F10T		
4	UR-SPL-O	PL	155* 10	470	78.50	5.72	23	SM490YA		
24	UR-SPL-O	TCB	M 22* 65			0.508	12	S10T		
2	COV	PL	120* 6	460	47.10	2.60	5	SS400		
2	COV-O	RB	13 φ	280	1.040	0.291	1	SS400		
16	COV	BN	M 12* 35			0.073	1	SS400		1-W,HDG
2	PR-SPL	PL	175* 18	770	141.3	19.0	38	SM490YB		
20	PR-SPL	TCB	M 22* 95			0.598	12	S10T		
JL6-JL7							291 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J27 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	620* 9	2975	70.65	130	130	SM490YA		
1	D-SPL	PL	620* 14	223	109.9	15.2	15	SM490YA		
5	D-SPL	PL	620* 14	230	109.9	15.7	78	SM490YA		
4	D-SPL	PL	620* 14	80	109.9	5.45	22	SM490YA		
1	D-SPL	PL	620* 14	155	109.9	10.6	11	SM490YA		

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64	D-SPL	TCB	M 22* 75			0.538	34	S10T		
128	D-SPL	HTB	M 22* 80			0.585	75	F10T		
10	UR-SPL-I	PL	155* 10	470	78.50	5.72	57	SM490YA		
60	UR-SPL-I	TCB	M 22* 65			0.508	30	S10T		
5	COV	PL	120* 6	460	47.10	2.60	13	SS400		
5	COV-I	RB	13 φ	280	1.040	0.291	1	SS400		
40	COV	BN	M 12* 35			0.073	3	SS400		1-W,HDG
JL7-JL8							469 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J27 JL8-RR1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	620* 9	970	70.65	42.5	42	SM490YA		
1	D-SPL-U	PL	620* 9	305	70.65	13.4	13	SM490YA		
1	D-SPL	PL	620* 14	270	109.9	18.4	18	SM490YA		
2	D-SPL	PL	620* 14	250	109.9	17.0	34	SM490YA		
1	D-SPL	PL	620* 14	245	109.9	16.7	17	SM490YA		
88	D-SPL	TCB	M 22* 75			0.538	47	S10T		
1	ST-SPL	PL	255* 9	320	70.65	5.77	6	SS400		
1	ST-SPL	PL	335* 16	320	125.6	13.5	14	SS400		
12	ST-SPL	TCB	M 22* 70			0.523	6	S10T		
2	ST-SPL	PL	80* 9	320	70.65	1.81	4	SS400		
4	ST-SPL	TCB	M 22* 65			0.508	2	S10T		
6	PR-SPL	PL	175* 18	770	141.3	19.0	114	SM490YB		
60	PR-SPL	TCB	M 22* 95			0.598	36	S10T		
JL8-RR1							353 kg			
J27							3926 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J28 LL1-JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	620* 9	970	70.65	42.5	42	SM490YA		
1	D-SPL-U	PL	620* 9	305	70.65	13.4	13	SM490YA		
1	D-SPL	PL	620* 14	270	109.9	18.4	18	SM490YA		
2	D-SPL	PL	620* 14	250	109.9	17.0	34	SM490YA		
1	D-SPL	PL	620* 14	245	109.9	16.7	17	SM490YA		
88	D-SPL	TCB	M 22* 75			0.538	47	S10T		
1	ST-SPL	PL	255* 9	320	70.65	5.77	6	SS400		
1	ST-SPL	PL	335* 16	320	125.6	13.5	14	SS400		
12	ST-SPL	TCB	M 22* 70			0.523	6	S10T		
2	ST-SPL	PL	80* 9	320	70.65	1.81	4	SS400		

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4	ST-SPL	TCB	M 22* 65			0.508	2	S10T		
6	PR-SPL	PL	175* 18	770	141.3	19.0	114	SM490YB		
60	PR-SPL	TCB	M 22* 95			0.598	36	S10T		
LL1-JL1							353 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J28 JL1-JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	620* 9	2975	70.65	130	130	SM490YA		
1	D-SPL	PL	620* 14	223	109.9	15.2	15	SM490YA		
5	D-SPL	PL	620* 14	230	109.9	15.7	78	SM490YA		
4	D-SPL	PL	620* 14	80	109.9	5.45	22	SM490YA		
1	D-SPL	PL	620* 14	155	109.9	10.6	11	SM490YA		
64	D-SPL	TCB	M 22* 75			0.538	34	S10T		
128	D-SPL	HTB	M 22* 80			0.585	75	F10T		
10	UR-SPL-I	PL	155* 10	470	78.50	5.72	57	SM490YA		
60	UR-SPL-I	TCB	M 22* 65			0.508	30	S10T		
5	COV	PL	120* 6	460	47.10	2.60	13	SS400		
5	COV-I	RB	13 φ	280	1.040	0.291	1	SS400		
40	COV	BN	M 12* 35			0.073	3	SS400		1-W,HDG
JL1-JL2							469 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J28 JL2-JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	620* 9	980	70.65	42.9	43	SM490YA		
2	D-SPL-U	PL	620* 9	305	70.65	13.4	27	SM490YA		
2	D-SPL	PL	620* 14	245	109.9	16.7	33	SM490YA		
2	D-SPL	PL	620* 14	230	109.9	15.7	31	SM490YA		
2	D-SPL	PL	620* 14	80	109.9	5.45	11	SM490YA		
48	D-SPL	TCB	M 22* 75			0.538	26	S10T		
48	D-SPL	HTB	M 22* 80			0.585	28	F10T		
4	UR-SPL-O	PL	155* 10	470	78.50	5.72	23	SM490YA		
24	UR-SPL-O	TCB	M 22* 65			0.508	12	S10T		
2	COV	PL	120* 6	460	47.10	2.60	5	SS400		
2	COV-O	RB	13 φ	280	1.040	0.291	1	SS400		
16	COV	BN	M 12* 35			0.073	1	SS400		1-W,HDG
2	PR-SPL	PL	175* 18	770	141.3	19.0	38	SM490YB		
20	PR-SPL	TCB	M 22* 95			0.598	12	S10T		
JL2-JL3							291 kg			

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APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J28 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	620* 9	2690	70.65	118	118	SM490YA		
2	D-SPL	PL	620* 14	155	109.9	10.6	21	SM490YA		
7	D-SPL	PL	620* 14	230	109.9	15.7	110	SM490YA		
104	D-SPL	TCB	M 22* 75			0.538	56	S10T		
96	D-SPL	HTB	M 22* 80			0.585	56	F10T		
8	UR-SPL-I	PL	155* 10	470	78.50	5.72	46	SM490YA		
48	UR-SPL-I	TCB	M 22* 65			0.508	24	S10T		
4	COV	PL	120* 6	460	47.10	2.60	10	SS400		
4	COV-I	RB	13 φ	280	1.040	0.291	1	SS400		
32	COV	BN	M 12* 35			0.073	2	SS400		1-W,HDG
							JL3-JL4 444 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J28 JL4-JL4A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	620* 9	305	70.65	13.4	13	SM490YA		
1	D-SPL-U	PL	620* 9	1525	70.65	66.8	67	SM490YA		
1	D-SPL-U	PL	620* 9	290	70.65	12.7	13	SM490YA		
1	D-SPL	PL	620* 14	245	109.9	16.7	17	SM490YA		
3	D-SPL	PL	620* 14	230	109.9	15.7	47	SM490YA		
1	D-SPL	PL	620* 14	280	109.9	19.1	19	SM490YA		
2	D-SPL	PL	620* 14	213	109.9	14.5	29	SM490YA		
112	D-SPL	TCB	M 22* 75			0.538	60	S10T		
24	D-SPL	HTB	M 22* 80			0.585	14	F10T		
2	UR-SPL-O	PL	155* 10	470	78.50	5.72	11	SM490YA		
12	UR-SPL-O	TCB	M 22* 65			0.508	6	S10T		
1	COV	PL	120* 6	460	47.10	2.60	3	SS400		
1	COV-O	RB	13 φ	280	1.040	0.291	1	SS400		
8	COV	BN	M 12* 35			0.073	1	SS400		1-W,HDG
8	PR-SPL	PL	175* 18	770	141.3	19.0	152	SM490YB		
80	PR-SPL	TCB	M 22* 95			0.598	48	S10T		
							JL4-JL4A 501 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J28 JL4A-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	620* 9	1429	70.65	62.6	63	SM490YA		
1	D-SPL-U	PL	620* 9	305	70.65	13.4	13	SM490YA		
2	D-SPL	PL	620* 14	165	109.9	11.2	22	SM490YA		

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1	D-SPL	PL	620* 14	280	109.9	19.1	19	SM490YA		
2	D-SPL	PL	620* 14	230	109.9	15.7	31	SM490YA		
1	D-SPL	PL	620* 14	245	109.9	16.7	17	SM490YA		
96	D-SPL	TCB	M 22* 75			0.538	52	S10T		
24	D-SPL	HTB	M 22* 80			0.585	14	F10T		
2	UR-SPL-O	PL	155* 10	470	78.50	5.72	11	SM490YA		
12	UR-SPL-O	TCB	M 22* 65			0.508	6	S10T		
1	COV	PL	120* 6	460	47.10	2.60	3	SS400		
1	COV-O	RB	13 φ	280	1.040	0.291	1	SS400		
8	COV	BN	M 12* 35			0.073	1	SS400		1-W,HDG
8	PR-SPL	PL	175* 18	770	141.3	19.0	152	SM490YB		
80	PR-SPL	TCB	M 22* 95			0.598	48	S10T		
JL4A-JL5										453 kg

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J28 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	620* 9	2690	70.65	118	118	SM490YA		
2	D-SPL	PL	620* 14	155	109.9	10.6	21	SM490YA		
7	D-SPL	PL	620* 14	230	109.9	15.7	110	SM490YA		
104	D-SPL	TCB	M 22* 75			0.538	56	S10T		
96	D-SPL	HTB	M 22* 80			0.585	56	F10T		
8	UR-SPL-I	PL	155* 10	470	78.50	5.72	46	SM490YA		
48	UR-SPL-I	TCB	M 22* 65			0.508	24	S10T		
4	COV	PL	120* 6	460	47.10	2.60	10	SS400		
4	COV-I	RB	13 φ	280	1.040	0.291	1	SS400		
32	COV	BN	M 12* 35			0.073	2	SS400		1-W,HDG
JL5-JL6										444 kg

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J28 JL6-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	620* 9	980	70.65	42.9	43	SM490YA		
2	D-SPL-U	PL	620* 9	305	70.65	13.4	27	SM490YA		
2	D-SPL	PL	620* 14	245	109.9	16.7	33	SM490YA		
2	D-SPL	PL	620* 14	230	109.9	15.7	31	SM490YA		
2	D-SPL	PL	620* 14	80	109.9	5.45	11	SM490YA		
48	D-SPL	TCB	M 22* 75			0.538	26	S10T		
48	D-SPL	HTB	M 22* 80			0.585	28	F10T		
4	UR-SPL-O	PL	155* 10	470	78.50	5.72	23	SM490YA		
24	UR-SPL-O	TCB	M 22* 65			0.508	12	S10T		
2	COV	PL	120* 6	460	47.10	2.60	5	SS400		

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2	COV-O	RB	13 φ	280	1.040	0.291	1	SS400		
16	COV	BN	M 12* 35			0.073	1	SS400		1-W,HDG
2	PR-SPL	PL	175* 18	770	141.3	19.0	38	SM490YB		
20	PR-SPL	TCB	M 22* 95			0.598	12	S10T		
JL6-JL7							291 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J28 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	620* 9	2975	70.65	130	130	SM490YA		
1	D-SPL	PL	620* 14	223	109.9	15.2	15	SM490YA		
5	D-SPL	PL	620* 14	230	109.9	15.7	78	SM490YA		
4	D-SPL	PL	620* 14	80	109.9	5.45	22	SM490YA		
1	D-SPL	PL	620* 14	155	109.9	10.6	11	SM490YA		
64	D-SPL	TCB	M 22* 75			0.538	34	S10T		
128	D-SPL	HTB	M 22* 80			0.585	75	F10T		
10	UR-SPL-I	PL	155* 10	470	78.50	5.72	57	SM490YA		
60	UR-SPL-I	TCB	M 22* 65			0.508	30	S10T		
5	COV	PL	120* 6	460	47.10	2.60	13	SS400		
5	COV-I	RB	13 φ	280	1.040	0.291	1	SS400		
40	COV	BN	M 12* 35			0.073	3	SS400		1-W,HDG
JL7-JL8							469 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J28 JL8-RR1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	620* 9	970	70.65	42.5	42	SM490YA		
1	D-SPL-U	PL	620* 9	305	70.65	13.4	13	SM490YA		
1	D-SPL	PL	620* 14	270	109.9	18.4	18	SM490YA		
2	D-SPL	PL	620* 14	250	109.9	17.0	34	SM490YA		
1	D-SPL	PL	620* 14	245	109.9	16.7	17	SM490YA		
88	D-SPL	TCB	M 22* 75			0.538	47	S10T		
1	ST-SPL	PL	255* 9	320	70.65	5.77	6	SS400		
1	ST-SPL	PL	335* 16	320	125.6	13.5	14	SS400		
12	ST-SPL	TCB	M 22* 70			0.523	6	S10T		
2	ST-SPL	PL	80* 9	320	70.65	1.81	4	SS400		
4	ST-SPL	TCB	M 22* 65			0.508	2	S10T		
6	PR-SPL	PL	175* 18	770	141.3	19.0	114	SM490YB		
60	PR-SPL	TCB	M 22* 95			0.598	36	S10T		
JL8-RR1							353 kg			

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J28	4068 kg
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APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J29 LL1-JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	620* 9	970	70.65	42.5	42	SM490YA		
1	D-SPL-U	PL	620* 9	305	70.65	13.4	13	SM490YA		
1	D-SPL	PL	620* 14	270	109.9	18.4	18	SM490YA		
2	D-SPL	PL	620* 14	250	109.9	17.0	34	SM490YA		
1	D-SPL	PL	620* 14	245	109.9	16.7	17	SM490YA		
88	D-SPL	TCB	M 22* 75			0.538	47	S10T		
1	ST-SPL	PL	255* 9	320	70.65	5.77	6	SS400		
1	ST-SPL	PL	335* 16	320	125.6	13.5	14	SS400		
12	ST-SPL	TCB	M 22* 70			0.523	6	S10T		
2	ST-SPL	PL	80* 9	320	70.65	1.81	4	SS400		
4	ST-SPL	TCB	M 22* 65			0.508	2	S10T		
6	PR-SPL	PL	175* 18	770	141.3	19.0	114	SM490YB		
60	PR-SPL	TCB	M 22* 95			0.598	36	S10T		
LL1-JL1							353 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J29 JL1-JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	620* 9	2975	70.65	130	130	SM490YA		
1	D-SPL	PL	620* 14	223	109.9	15.2	15	SM490YA		
5	D-SPL	PL	620* 14	230	109.9	15.7	78	SM490YA		
4	D-SPL	PL	620* 14	80	109.9	5.45	22	SM490YA		
1	D-SPL	PL	620* 14	155	109.9	10.6	11	SM490YA		
64	D-SPL	TCB	M 22* 75			0.538	34	S10T		
128	D-SPL	HTB	M 22* 80			0.585	75	F10T		
10	UR-SPL-I	PL	155* 10	470	78.50	5.72	57	SM490YA		
60	UR-SPL-I	TCB	M 22* 65			0.508	30	S10T		
5	COV	PL	120* 6	460	47.10	2.60	13	SS400		
5	COV-I	RB	13 φ	280	1.040	0.291	1	SS400		
40	COV	BN	M 12* 35			0.073	3	SS400		1-W,HDG
JL1-JL2							469 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J29 JL2-JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	620* 9	980	70.65	42.9	43	SM490YA		
2	D-SPL-U	PL	620* 9	305	70.65	13.4	27	SM490YA		

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2	D-SPL	PL	620* 14	245	109.9	16.7	33	SM490YA		
2	D-SPL	PL	620* 14	230	109.9	15.7	31	SM490YA		
2	D-SPL	PL	620* 14	80	109.9	5.45	11	SM490YA		
48	D-SPL	TCB	M 22* 75			0.538	26	S10T		
48	D-SPL	HTB	M 22* 80			0.585	28	F10T		
4	UR-SPL-O	PL	155* 10	470	78.50	5.72	23	SM490YA		
24	UR-SPL-O	TCB	M 22* 65			0.508	12	S10T		
2	COV	PL	120* 6	460	47.10	2.60	5	SS400		
2	COV-O	RB	13 φ	280	1.040	0.291	1	SS400		
16	COV	BN	M 12* 35			0.073	1	SS400		1-W,HDG
2	PR-SPL	PL	175* 18	770	141.3	19.0	38	SM490YB		
20	PR-SPL	TCB	M 22* 95			0.598	12	S10T		
JL2-JL3										291 kg

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J29 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	620* 9	2690	70.65	118	118	SM490YA		
2	D-SPL	PL	620* 14	155	109.9	10.6	21	SM490YA		
7	D-SPL	PL	620* 14	230	109.9	15.7	110	SM490YA		
104	D-SPL	TCB	M 22* 75			0.538	56	S10T		
96	D-SPL	HTB	M 22* 80			0.585	56	F10T		
8	UR-SPL-I	PL	155* 10	470	78.50	5.72	46	SM490YA		
48	UR-SPL-I	TCB	M 22* 65			0.508	24	S10T		
4	COV	PL	120* 6	460	47.10	2.60	10	SS400		
4	COV-I	RB	13 φ	280	1.040	0.291	1	SS400		
32	COV	BN	M 12* 35			0.073	2	SS400		1-W,HDG
JL3-JL4										444 kg

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J29 JL4-JL4A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	620* 9	305	70.65	13.4	13	SM490YA		
1	D-SPL-U	PL	620* 9	1691	70.65	74.0	74	SM490YA		
1	D-SPL-U	PL	620* 9	290	70.65	12.7	13	SM490YA		
1	D-SPL	PL	620* 14	245	109.9	16.7	17	SM490YA		
3	D-SPL	PL	620* 14	230	109.9	15.7	47	SM490YA		
2	D-SPL	PL	620* 14	280	109.9	19.1	38	SM490YA		
1	D-SPL	PL	620* 14	310	109.9	21.1	21	SM490YA		
136	D-SPL	TCB	M 22* 75			0.538	73	S10T		
24	D-SPL	HTB	M 22* 80			0.585	14	F10T		
2	UR-SPL-O	PL	155* 10	470	78.50	5.72	11	SM490YA		

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12	UR-SPL-O	TCB	M 22* 65			0.508	6	S10T		
1	COV	PL	120* 6	460	47.10	2.60	3	SS400		
1	COV-O	RB	13 φ	280	1.040	0.291	1	SS400		
8	COV	BN	M 12* 35			0.073	1	SS400		1-W,HDG
8	PR-SPL	PL	175* 18	770	141.3	19.0	152	SM490YB		
80	PR-SPL	TCB	M 22* 95			0.598	48	S10T		
JL4-JL4A										
532 kg										

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J29 JL4A-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	620* 9	1620	70.65	70.9	71	SM490YA		
1	D-SPL-U	PL	620* 9	305	70.65	13.4	13	SM490YA		
1	D-SPL-U	PL	620* 9	252	70.65	11.0	11	SM490YA		
1	D-SPL	PL	620* 14	268	109.9	18.3	18	SM490YA		
1	D-SPL	PL	620* 14	280	109.9	19.1	19	SM490YA		
2	D-SPL	PL	620* 14	230	109.9	15.7	31	SM490YA		
1	D-SPL	PL	620* 14	245	109.9	16.7	17	SM490YA		
112	D-SPL	TCB	M 22* 75			0.538	60	S10T		
24	D-SPL	HTB	M 22* 80			0.585	14	F10T		
2	UR-SPL-O	PL	155* 10	470	78.50	5.72	11	SM490YA		
12	UR-SPL-O	TCB	M 22* 65			0.508	6	S10T		
1	COV	PL	120* 6	460	47.10	2.60	3	SS400		
1	COV-O	RB	13 φ	280	1.040	0.291	1	SS400		
8	COV	BN	M 12* 35			0.073	1	SS400		1-W,HDG
8	PR-SPL	PL	175* 18	770	141.3	19.0	152	SM490YB		
80	PR-SPL	TCB	M 22* 95			0.598	48	S10T		
JL4A-JL5										
476 kg										

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J29 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	620* 9	2690	70.65	118	118	SM490YA		
2	D-SPL	PL	620* 14	155	109.9	10.6	21	SM490YA		
7	D-SPL	PL	620* 14	230	109.9	15.7	110	SM490YA		
104	D-SPL	TCB	M 22* 75			0.538	56	S10T		
96	D-SPL	HTB	M 22* 80			0.585	56	F10T		
8	UR-SPL-I	PL	155* 10	470	78.50	5.72	46	SM490YA		
48	UR-SPL-I	TCB	M 22* 65			0.508	24	S10T		
4	COV	PL	120* 6	460	47.10	2.60	10	SS400		
4	COV-I	RB	13 φ	280	1.040	0.291	1	SS400		
32	COV	BN	M 12* 35			0.073	2	SS400		1-W,HDG

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JL5-JL6	444 kg
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APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J29 JL6-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	620* 9	980	70.65	42.9	43	SM490YA		
2	D-SPL-U	PL	620* 9	305	70.65	13.4	27	SM490YA		
2	D-SPL	PL	620* 14	245	109.9	16.7	33	SM490YA		
2	D-SPL	PL	620* 14	230	109.9	15.7	31	SM490YA		
2	D-SPL	PL	620* 14	80	109.9	5.45	11	SM490YA		
48	D-SPL	TCB	M 22* 75			0.538	26	S10T		
48	D-SPL	HTB	M 22* 80			0.585	28	F10T		
4	UR-SPL-O	PL	155* 10	470	78.50	5.72	23	SM490YA		
24	UR-SPL-O	TCB	M 22* 65			0.508	12	S10T		
2	COV	PL	120* 6	460	47.10	2.60	5	SS400		
2	COV-O	RB	13 φ	280	1.040	0.291	1	SS400		
16	COV	BN	M 12* 35			0.073	1	SS400		1-W,HDG
2	PR-SPL	PL	175* 18	770	141.3	19.0	38	SM490YB		
20	PR-SPL	TCB	M 22* 95			0.598	12	S10T		
JL6-JL7							291 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J29 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	620* 9	2975	70.65	130	130	SM490YA		
1	D-SPL	PL	620* 14	223	109.9	15.2	15	SM490YA		
5	D-SPL	PL	620* 14	230	109.9	15.7	78	SM490YA		
4	D-SPL	PL	620* 14	80	109.9	5.45	22	SM490YA		
1	D-SPL	PL	620* 14	155	109.9	10.6	11	SM490YA		
64	D-SPL	TCB	M 22* 75			0.538	34	S10T		
128	D-SPL	HTB	M 22* 80			0.585	75	F10T		
10	UR-SPL-I	PL	155* 10	470	78.50	5.72	57	SM490YA		
60	UR-SPL-I	TCB	M 22* 65			0.508	30	S10T		
5	COV	PL	120* 6	460	47.10	2.60	13	SS400		
5	COV-I	RB	13 φ	280	1.040	0.291	1	SS400		
40	COV	BN	M 12* 35			0.073	3	SS400		1-W,HDG
JL7-JL8							469 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J29 JL8-RR1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks

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1	D-SPL-U	PL	620* 9	970	70.65	42.5	42	SM490YA		
1	D-SPL-U	PL	620* 9	305	70.65	13.4	13	SM490YA		
1	D-SPL	PL	620* 14	270	109.9	18.4	18	SM490YA		
2	D-SPL	PL	620* 14	250	109.9	17.0	34	SM490YA		
1	D-SPL	PL	620* 14	245	109.9	16.7	17	SM490YA		
88	D-SPL	TCB	M 22* 75			0.538	47	S10T		
1	ST-SPL	PL	255* 9	320	70.65	5.77	6	SS400		
1	ST-SPL	PL	335* 16	320	125.6	13.5	14	SS400		
12	ST-SPL	TCB	M 22* 70			0.523	6	S10T		
2	ST-SPL	PL	80* 9	320	70.65	1.81	4	SS400		
4	ST-SPL	TCB	M 22* 65			0.508	2	S10T		
6	PR-SPL	PL	175* 18	770	141.3	19.0	114	SM490YB		
60	PR-SPL	TCB	M 22* 95			0.598	36	S10T		
JL8-RR1							353 kg			
J29							4122 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J30 LL1-JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	620* 9	970	70.65	42.5	42	SM490YA		
1	D-SPL-U	PL	620* 9	305	70.65	13.4	13	SM490YA		
1	D-SPL	PL	620* 14	270	109.9	18.4	18	SM490YA		
2	D-SPL	PL	620* 14	250	109.9	17.0	34	SM490YA		
1	D-SPL	PL	620* 14	245	109.9	16.7	17	SM490YA		
88	D-SPL	TCB	M 22* 75			0.538	47	S10T		
1	ST-SPL	PL	255* 9	320	70.65	5.77	6	SS400		
1	ST-SPL	PL	335* 16	320	125.6	13.5	14	SS400		
12	ST-SPL	TCB	M 22* 70			0.523	6	S10T		
2	ST-SPL	PL	80* 9	320	70.65	1.81	4	SS400		
4	ST-SPL	TCB	M 22* 65			0.508	2	S10T		
6	PR-SPL	PL	175* 18	770	141.3	19.0	114	SM490YB		
60	PR-SPL	TCB	M 22* 95			0.598	36	S10T		
LL1-JL1							353 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J30 JL1-JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	620* 9	2975	70.65	130	130	SM490YA		
1	D-SPL	PL	620* 14	223	109.9	15.2	15	SM490YA		
5	D-SPL	PL	620* 14	230	109.9	15.7	78	SM490YA		
4	D-SPL	PL	620* 14	80	109.9	5.45	22	SM490YA		

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1	D-SPL	PL	620* 14	155	109.9	10.6	11	SM490YA		
64	D-SPL	TCB	M 22* 75			0.538	34	S10T		
128	D-SPL	HTB	M 22* 80			0.585	75	F10T		
10	UR-SPL-I	PL	155* 10	470	78.50	5.72	57	SM490YA		
60	UR-SPL-I	TCB	M 22* 65			0.508	30	S10T		
5	COV	PL	120* 6	460	47.10	2.60	13	SS400		
5	COV-I	RB	13 φ	280	1.040	0.291	1	SS400		
40	COV	BN	M 12* 35			0.073	3	SS400		1-W,HDG
JL1-JL2							469 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J30 JL2-JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	620* 9	980	70.65	42.9	43	SM490YA		
2	D-SPL-U	PL	620* 9	305	70.65	13.4	27	SM490YA		
2	D-SPL	PL	620* 14	245	109.9	16.7	33	SM490YA		
2	D-SPL	PL	620* 14	230	109.9	15.7	31	SM490YA		
2	D-SPL	PL	620* 14	80	109.9	5.45	11	SM490YA		
48	D-SPL	TCB	M 22* 75			0.538	26	S10T		
48	D-SPL	HTB	M 22* 80			0.585	28	F10T		
4	UR-SPL-O	PL	155* 10	470	78.50	5.72	23	SM490YA		
24	UR-SPL-O	TCB	M 22* 65			0.508	12	S10T		
2	COV	PL	120* 6	460	47.10	2.60	5	SS400		
2	COV-O	RB	13 φ	280	1.040	0.291	1	SS400		
16	COV	BN	M 12* 35			0.073	1	SS400		1-W,HDG
2	PR-SPL	PL	175* 18	770	141.3	19.0	38	SM490YB		
20	PR-SPL	TCB	M 22* 95			0.598	12	S10T		
JL2-JL3							291 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J30 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	620* 9	2690	70.65	118	118	SM490YA		
2	D-SPL	PL	620* 14	155	109.9	10.6	21	SM490YA		
7	D-SPL	PL	620* 14	230	109.9	15.7	110	SM490YA		
104	D-SPL	TCB	M 22* 75			0.538	56	S10T		
96	D-SPL	HTB	M 22* 80			0.585	56	F10T		
8	UR-SPL-I	PL	155* 10	470	78.50	5.72	46	SM490YA		
48	UR-SPL-I	TCB	M 22* 65			0.508	24	S10T		
4	COV	PL	120* 6	460	47.10	2.60	10	SS400		
4	COV-I	RB	13 φ	280	1.040	0.291	1	SS400		
32	COV	BN	M 12* 35			0.073	2	SS400		1-W,HDG

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JL3-JL4	444 kg
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APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J30 JL4-JL4A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	620* 9	305	70.65	13.4	13	SM490YA		
1	D-SPL-U	PL	620* 9	1918	70.65	84.0	84	SM490YA		
1	D-SPL-U	PL	620* 9	290	70.65	12.7	13	SM490YA		
1	D-SPL	PL	620* 14	245	109.9	16.7	17	SM490YA		
3	D-SPL	PL	620* 14	230	109.9	15.7	47	SM490YA		
2	D-SPL	PL	620* 14	280	109.9	19.1	38	SM490YA		
2	D-SPL	PL	620* 14	234	109.9	15.9	32	SM490YA		
152	D-SPL	TCB	M 22* 75			0.538	82	S10T		
24	D-SPL	HTB	M 22* 80			0.585	14	F10T		
2	UR-SPL-O	PL	155* 10	470	78.50	5.72	11	SM490YA		
12	UR-SPL-O	TCB	M 22* 65			0.508	6	S10T		
1	COV	PL	120* 6	460	47.10	2.60	3	SS400		
1	COV-O	RB	13 φ	280	1.040	0.291	1	SS400		
8	COV	BN	M 12* 35			0.073	1	SS400		1-W,HDG
10	PR-SPL	PL	175* 18	770	141.3	19.0	190	SM490YB		
100	PR-SPL	TCB	M 22* 95			0.598	60	S10T		
JL4-JL4A							612 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J30 JL4A-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	620* 9	1814	70.65	79.5	80	SM490YA		
1	D-SPL-U	PL	620* 9	305	70.65	13.4	13	SM490YA		
2	D-SPL-U	PL	620* 9	182	70.65	7.97	16	SM490YA		
2	D-SPL	PL	620* 14	280	109.9	19.1	38	SM490YA		
2	D-SPL	PL	620* 14	230	109.9	15.7	31	SM490YA		
1	D-SPL	PL	620* 14	245	109.9	16.7	17	SM490YA		
120	D-SPL	TCB	M 22* 75			0.538	65	S10T		
24	D-SPL	HTB	M 22* 80			0.585	14	F10T		
2	UR-SPL-O	PL	155* 10	470	78.50	5.72	11	SM490YA		
12	UR-SPL-O	TCB	M 22* 65			0.508	6	S10T		
1	COV	PL	120* 6	460	47.10	2.60	3	SS400		
1	COV-O	RB	13 φ	280	1.040	0.291	1	SS400		
8	COV	BN	M 12* 35			0.073	1	SS400		1-W,HDG
12	PR-SPL	PL	175* 18	770	141.3	19.0	228	SM490YB		
120	PR-SPL	TCB	M 22* 95			0.598	72	S10T		

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JL4A-JL5	596 kg
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APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J30 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	620* 9	2690	70.65	118	118	SM490YA		
2	D-SPL	PL	620* 14	155	109.9	10.6	21	SM490YA		
7	D-SPL	PL	620* 14	230	109.9	15.7	110	SM490YA		
104	D-SPL	TCB	M 22* 75			0.538	56	S10T		
96	D-SPL	HTB	M 22* 80			0.585	56	F10T		
8	UR-SPL-I	PL	155* 10	470	78.50	5.72	46	SM490YA		
48	UR-SPL-I	TCB	M 22* 65			0.508	24	S10T		
4	COV	PL	120* 6	460	47.10	2.60	10	SS400		
4	COV-I	RB	13 φ	280	1.040	0.291	1	SS400		
32	COV	BN	M 12* 35			0.073	2	SS400		1-W,HDG
JL5-JL6							444 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J30 JL6-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	620* 9	980	70.65	42.9	43	SM490YA		
2	D-SPL-U	PL	620* 9	305	70.65	13.4	27	SM490YA		
2	D-SPL	PL	620* 14	245	109.9	16.7	33	SM490YA		
2	D-SPL	PL	620* 14	230	109.9	15.7	31	SM490YA		
2	D-SPL	PL	620* 14	80	109.9	5.45	11	SM490YA		
48	D-SPL	TCB	M 22* 75			0.538	26	S10T		
48	D-SPL	HTB	M 22* 80			0.585	28	F10T		
4	UR-SPL-O	PL	155* 10	470	78.50	5.72	23	SM490YA		
24	UR-SPL-O	TCB	M 22* 65			0.508	12	S10T		
2	COV	PL	120* 6	460	47.10	2.60	5	SS400		
2	COV-O	RB	13 φ	280	1.040	0.291	1	SS400		
16	COV	BN	M 12* 35			0.073	1	SS400		1-W,HDG
2	PR-SPL	PL	175* 18	770	141.3	19.0	38	SM490YB		
20	PR-SPL	TCB	M 22* 95			0.598	12	S10T		
JL6-JL7							291 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J30 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	620* 9	2975	70.65	130	130	SM490YA		
1	D-SPL	PL	620* 14	223	109.9	15.2	15	SM490YA		
5	D-SPL	PL	620* 14	230	109.9	15.7	78	SM490YA		

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4	D-SPL	PL	620* 14	80	109.9	5.45	22	SM490YA		
1	D-SPL	PL	620* 14	155	109.9	10.6	11	SM490YA		
64	D-SPL	TCB	M 22* 75			0.538	34	S10T		
128	D-SPL	HTB	M 22* 80			0.585	75	F10T		
10	UR-SPL-I	PL	155* 10	470	78.50	5.72	57	SM490YA		
60	UR-SPL-I	TCB	M 22* 65			0.508	30	S10T		
5	COV	PL	120* 6	460	47.10	2.60	13	SS400		
5	COV-I	RB	13 φ	280	1.040	0.291	1	SS400		
40	COV	BN	M 12* 35			0.073	3	SS400		1-W,HDG
JL7-JL8							469 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J30 JL8-RR1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	620* 9	970	70.65	42.5	42	SM490YA		
1	D-SPL-U	PL	620* 9	305	70.65	13.4	13	SM490YA		
1	D-SPL	PL	620* 14	270	109.9	18.4	18	SM490YA		
2	D-SPL	PL	620* 14	250	109.9	17.0	34	SM490YA		
1	D-SPL	PL	620* 14	245	109.9	16.7	17	SM490YA		
88	D-SPL	TCB	M 22* 75			0.538	47	S10T		
1	ST-SPL	PL	255* 9	320	70.65	5.77	6	SS400		
1	ST-SPL	PL	335* 16	320	125.6	13.5	14	SS400		
12	ST-SPL	TCB	M 22* 70			0.523	6	S10T		
2	ST-SPL	PL	80* 9	320	70.65	1.81	4	SS400		
4	ST-SPL	TCB	M 22* 65			0.508	2	S10T		
6	PR-SPL	PL	175* 18	770	141.3	19.0	114	SM490YB		
60	PR-SPL	TCB	M 22* 95			0.598	36	S10T		
JL8-RR1							353 kg			
J30							4322 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J31 LL1-JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	970	70.65	32.2	32	SS400		
1	D-SPL-U	PL	470* 9	305	70.65	10.1	10	SS400		
1	D-SPL	PL	470* 14	270	109.9	13.9	14	SS400		
2	D-SPL	PL	470* 14	250	109.9	12.9	26	SS400		
1	D-SPL	PL	470* 14	245	109.9	12.7	13	SS400		
66	D-SPL	TCB	M 22* 75			0.538	36	S10T		
1	ST-SPL	PL	255* 9	320	70.65	5.77	6	SS400		
1	ST-SPL	PL	335* 16	320	125.6	13.5	14	SS400		

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12	ST-SPL	TCB	M 22* 70			0.523	6	S10T		
2	ST-SPL	PL	80* 9	320	70.65	1.81	4	SS400		
4	ST-SPL	TCB	M 22* 65			0.508	2	S10T		
6	PR-SPL	PL	175* 18	620	141.3	15.3	92	SS400		
48	PR-SPL	TCB	M 22* 95			0.598	29	S10T		
LL1-JL1										
284 kg										

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J31 JL1-JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	2975	70.65	98.8	99	SS400		
1	D-SPL	PL	470* 14	223	109.9	11.5	12	SS400		
5	D-SPL	PL	470* 14	230	109.9	11.9	60	SS400		
4	D-SPL	PL	470* 14	80	109.9	4.13	17	SS400		
1	D-SPL	PL	470* 14	155	109.9	8.01	8	SS400		
48	D-SPL	TCB	M 22* 75			0.538	26	S10T		
96	D-SPL	HTB	M 22* 80			0.585	56	F10T		
10	UR-SPL-I	PL	155* 10	320	78.50	3.89	39	SS400		
40	UR-SPL-I	TCB	M 22* 65			0.508	20	S10T		
5	COV	PL	120* 6	460	47.10	2.60	13	SS400		
5	COV-I	RB	13 φ	280	1.040	0.291	1	SS400		
40	COV	BN	M 12* 35			0.073	3	SS400		1-W,HDG
JL1-JL2										
354 kg										

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J31 JL2-JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	980	70.65	32.5	32	SS400		
2	D-SPL-U	PL	470* 9	305	70.65	10.1	20	SS400		
2	D-SPL	PL	470* 14	245	109.9	12.7	25	SS400		
2	D-SPL	PL	470* 14	230	109.9	11.9	24	SS400		
2	D-SPL	PL	470* 14	80	109.9	4.13	8	SS400		
36	D-SPL	TCB	M 22* 75			0.538	19	S10T		
36	D-SPL	HTB	M 22* 80			0.585	21	F10T		
4	UR-SPL-O	PL	155* 10	320	78.50	3.89	16	SS400		
16	UR-SPL-O	TCB	M 22* 65			0.508	8	S10T		
2	COV	PL	120* 6	460	47.10	2.60	5	SS400		
2	COV-O	RB	13 φ	280	1.040	0.291	1	SS400		
16	COV	BN	M 12* 35			0.073	1	SS400		1-W,HDG
2	PR-SPL	PL	175* 18	620	141.3	15.3	31	SS400		
16	PR-SPL	TCB	M 22* 95			0.598	10	S10T		

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JL2-JL3	221 kg
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APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J31 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	2690	70.65	89.3	89	SS400		
2	D-SPL	PL	470* 14	155	109.9	8.01	16	SS400		
7	D-SPL	PL	470* 14	230	109.9	11.9	83	SS400		
78	D-SPL	TCB	M 22* 75			0.538	42	S10T		
72	D-SPL	HTB	M 22* 80			0.585	42	F10T		
8	UR-SPL-I	PL	155* 10	320	78.50	3.89	31	SS400		
32	UR-SPL-I	TCB	M 22* 65			0.508	16	S10T		
4	COV	PL	120* 6	460	47.10	2.60	10	SS400		
4	COV-I	RB	13 φ	280	1.040	0.291	1	SS400		
32	COV	BN	M 12* 35			0.073	2	SS400		1-W,HDG
JL3-JL4							332 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J31 JL4-JL4A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	305	70.65	10.1	10	SS400		
1	D-SPL-U	PL	470* 9	2173	70.65	72.1	72	SS400		
1	D-SPL-U	PL	470* 9	290	70.65	9.63	10	SS400		
1	D-SPL	PL	470* 14	245	109.9	12.7	13	SS400		
3	D-SPL	PL	470* 14	230	109.9	11.9	36	SS400		
3	D-SPL	PL	470* 14	280	109.9	14.5	44	SS400		
2	D-SPL	PL	470* 14	186	109.9	9.61	19	SS400		
120	D-SPL	TCB	M 22* 75			0.538	65	S10T		
18	D-SPL	HTB	M 22* 80			0.585	11	F10T		
2	UR-SPL-O	PL	155* 10	320	78.50	3.89	8	SS400		
8	UR-SPL-O	TCB	M 22* 65			0.508	4	S10T		
1	COV	PL	120* 6	460	47.10	2.60	3	SS400		
1	COV-O	RB	13 φ	280	1.040	0.291	1	SS400		
8	COV	BN	M 12* 35			0.073	1	SS400		1-W,HDG
12	PR-SPL	PL	175* 18	620	141.3	15.3	184	SS400		
96	PR-SPL	TCB	M 22* 95			0.598	57	S10T		
JL4-JL4A							538 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J31 JL4A-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	1969	70.65	65.4	65	SS400		

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1	D-SPL-U	PL	470* 9	305	70.65	10.1	10	SS400		
2	D-SPL	PL	470* 14	259	109.9	13.4	27	SS400		
2	D-SPL	PL	470* 14	280	109.9	14.5	29	SS400		
2	D-SPL	PL	470* 14	230	109.9	11.9	24	SS400		
1	D-SPL	PL	470* 14	245	109.9	12.7	13	SS400		
102	D-SPL	TCB	M 22* 75			0.538	55	S10T		
18	D-SPL	HTB	M 22* 80			0.585	11	F10T		
2	UR-SPL-O	PL	155* 10	320	78.50	3.89	8	SS400		
8	UR-SPL-O	TCB	M 22* 65			0.508	4	S10T		
1	COV	PL	120* 6	460	47.10	2.60	3	SS400		
1	COV-O	RB	13 φ	280	1.040	0.291	1	SS400		
8	COV	BN	M 12* 35			0.073	1	SS400		1-W,HDG
12	PR-SPL	PL	175* 18	620	141.3	15.3	184	SS400		
96	PR-SPL	TCB	M 22* 95			0.598	57	S10T		
JL4A-JL5								492 kg		

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J31 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	2690	70.65	89.3	89	SS400		
2	D-SPL	PL	470* 14	155	109.9	8.01	16	SS400		
7	D-SPL	PL	470* 14	230	109.9	11.9	83	SS400		
78	D-SPL	TCB	M 22* 75			0.538	42	S10T		
72	D-SPL	HTB	M 22* 80			0.585	42	F10T		
8	UR-SPL-I	PL	155* 10	320	78.50	3.89	31	SS400		
32	UR-SPL-I	TCB	M 22* 65			0.508	16	S10T		
4	COV	PL	120* 6	460	47.10	2.60	10	SS400		
4	COV-I	RB	13 φ	280	1.040	0.291	1	SS400		
32	COV	BN	M 12* 35			0.073	2	SS400		1-W,HDG
JL5-JL6							332 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J31 JL6-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	980	70.65	32.5	32	SS400		
2	D-SPL-U	PL	470* 9	305	70.65	10.1	20	SS400		
2	D-SPL	PL	470* 14	245	109.9	12.7	25	SS400		
2	D-SPL	PL	470* 14	230	109.9	11.9	24	SS400		
2	D-SPL	PL	470* 14	80	109.9	4.13	8	SS400		
36	D-SPL	TCB	M 22* 75			0.538	19	S10T		
36	D-SPL	HTB	M 22* 80			0.585	21	F10T		
4	UR-SPL-O	PL	155* 10	320	78.50	3.89	16	SS400		

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16	UR-SPL-O	TCB	M 22* 65			0.508	8	S10T		
2	COV	PL	120* 6	460	47.10	2.60	5	SS400		
2	COV-O	RB	13 φ	280	1.040	0.291	1	SS400		
16	COV	BN	M 12* 35			0.073	1	SS400		1-W,HDG
2	PR-SPL	PL	175* 18	620	141.3	15.3	31	SS400		
16	PR-SPL	TCB	M 22* 95			0.598	10	S10T		
JL6-JL7										
221 kg										

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J31 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	2975	70.65	98.8	99	SS400		
1	D-SPL	PL	470* 14	223	109.9	11.5	12	SS400		
5	D-SPL	PL	470* 14	230	109.9	11.9	60	SS400		
4	D-SPL	PL	470* 14	80	109.9	4.13	17	SS400		
1	D-SPL	PL	470* 14	155	109.9	8.01	8	SS400		
48	D-SPL	TCB	M 22* 75			0.538	26	S10T		
96	D-SPL	HTB	M 22* 80			0.585	56	F10T		
10	UR-SPL-I	PL	155* 10	320	78.50	3.89	39	SS400		
40	UR-SPL-I	TCB	M 22* 65			0.508	20	S10T		
5	COV	PL	120* 6	460	47.10	2.60	13	SS400		
5	COV-I	RB	13 φ	280	1.040	0.291	1	SS400		
40	COV	BN	M 12* 35			0.073	3	SS400		1-W,HDG
JL7-JL8										
354 kg										

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J31 JL8-RR1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	970	70.65	32.2	32	SS400		
1	D-SPL-U	PL	470* 9	305	70.65	10.1	10	SS400		
1	D-SPL	PL	470* 14	270	109.9	13.9	14	SS400		
2	D-SPL	PL	470* 14	250	109.9	12.9	26	SS400		
1	D-SPL	PL	470* 14	245	109.9	12.7	13	SS400		
66	D-SPL	TCB	M 22* 75			0.538	36	S10T		
1	ST-SPL	PL	255* 9	320	70.65	5.77	6	SS400		
1	ST-SPL	PL	335* 16	320	125.6	13.5	14	SS400		
12	ST-SPL	TCB	M 22* 70			0.523	6	S10T		
2	ST-SPL	PL	80* 9	320	70.65	1.81	4	SS400		
4	ST-SPL	TCB	M 22* 65			0.508	2	S10T		
6	PR-SPL	PL	175* 18	620	141.3	15.3	92	SS400		
48	PR-SPL	TCB	M 22* 95			0.598	29	S10T		

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JL8-RR1	284 kg
J31	3412 kg

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J32 LL1-JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	970	70.65	32.2	32	SS400		
1	D-SPL-U	PL	470* 9	305	70.65	10.1	10	SS400		
1	D-SPL	PL	470* 14	270	109.9	13.9	14	SS400		
2	D-SPL	PL	470* 14	250	109.9	12.9	26	SS400		
1	D-SPL	PL	470* 14	245	109.9	12.7	13	SS400		
66	D-SPL	TCB	M 22* 75			0.538	36	S10T		
1	ST-SPL	PL	255* 9	320	70.65	5.77	6	SS400		
1	ST-SPL	PL	335* 16	320	125.6	13.5	14	SS400		
12	ST-SPL	TCB	M 22* 70			0.523	6	S10T		
2	ST-SPL	PL	80* 9	320	70.65	1.81	4	SS400		
4	ST-SPL	TCB	M 22* 65			0.508	2	S10T		
6	PR-SPL	PL	175* 18	620	141.3	15.3	92	SS400		
48	PR-SPL	TCB	M 22* 95			0.598	29	S10T		
LL1-JL1							284 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J32 JL1-JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	2975	70.65	98.8	99	SS400		
1	D-SPL	PL	470* 14	223	109.9	11.5	12	SS400		
5	D-SPL	PL	470* 14	230	109.9	11.9	60	SS400		
4	D-SPL	PL	470* 14	80	109.9	4.13	17	SS400		
1	D-SPL	PL	470* 14	155	109.9	8.01	8	SS400		
48	D-SPL	TCB	M 22* 75			0.538	26	S10T		
96	D-SPL	HTB	M 22* 80			0.585	56	F10T		
10	UR-SPL-I	PL	155* 10	320	78.50	3.89	39	SS400		
40	UR-SPL-I	TCB	M 22* 65			0.508	20	S10T		
5	COV	PL	120* 6	460	47.10	2.60	13	SS400		
5	COV-I	RB	13 ϕ	280	1.040	0.291	1	SS400		
40	COV	BN	M 12* 35			0.073	3	SS400		1-W,HDG
JL1-JL2							354 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J32 JL2-JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks

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1	D-SPL-U	PL	470* 9	980	70.65	32.5	32	SS400		
2	D-SPL-U	PL	470* 9	305	70.65	10.1	20	SS400		
2	D-SPL	PL	470* 14	245	109.9	12.7	25	SS400		
2	D-SPL	PL	470* 14	230	109.9	11.9	24	SS400		
2	D-SPL	PL	470* 14	80	109.9	4.13	8	SS400		
36	D-SPL	TCB	M 22* 75			0.538	19	S10T		
36	D-SPL	HTB	M 22* 80			0.585	21	F10T		
4	UR-SPL-O	PL	155* 10	320	78.50	3.89	16	SS400		
16	UR-SPL-O	TCB	M 22* 65			0.508	8	S10T		
2	COV	PL	120* 6	460	47.10	2.60	5	SS400		
2	COV-O	RB	13 φ	280	1.040	0.291	1	SS400		
16	COV	BN	M 12* 35			0.073	1	SS400		1-W,HDG
2	PR-SPL	PL	175* 18	620	141.3	15.3	31	SS400		
16	PR-SPL	TCB	M 22* 95			0.598	10	S10T		
JL2-JL3							221 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J32 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	2690	70.65	89.3	89	SS400		
2	D-SPL	PL	470* 14	155	109.9	8.01	16	SS400		
7	D-SPL	PL	470* 14	230	109.9	11.9	83	SS400		
78	D-SPL	TCB	M 22* 75			0.538	42	S10T		
72	D-SPL	HTB	M 22* 80			0.585	42	F10T		
8	UR-SPL-I	PL	155* 10	320	78.50	3.89	31	SS400		
32	UR-SPL-I	TCB	M 22* 65			0.508	16	S10T		
4	COV	PL	120* 6	460	47.10	2.60	10	SS400		
4	COV-I	RB	13 φ	280	1.040	0.291	1	SS400		
32	COV	BN	M 12* 35			0.073	2	SS400		1-W,HDG
JL3-JL4							332 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J32 JL4-JL4A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	305	70.65	10.1	10	SS400		
1	D-SPL-U	PL	470* 9	2394	70.65	79.5	80	SS400		
1	D-SPL-U	PL	470* 9	290	70.65	9.63	10	SS400		
1	D-SPL	PL	470* 14	245	109.9	12.7	13	SS400		
3	D-SPL	PL	470* 14	230	109.9	11.9	36	SS400		
4	D-SPL	PL	470* 14	280	109.9	14.5	58	SS400		
1	D-SPL	PL	470* 14	314	109.9	16.2	16	SS400		
132	D-SPL	TCB	M 22* 75			0.538	71	S10T		

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18	D-SPL	HTB	M 22* 80			0.585	11	F10T		
2	UR-SPL-O	PL	155* 10	320	78.50	3.89	8	SS400		
8	UR-SPL-O	TCB	M 22* 65			0.508	4	S10T		
1	COV	PL	120* 6	460	47.10	2.60	3	SS400		
1	COV-O	RB	13 φ	280	1.040	0.291	1	SS400		
8	COV	BN	M 12* 35			0.073	1	SS400		1-W,HDG
12	PR-SPL	PL	175* 18	620	141.3	15.3	184	SS400		
96	PR-SPL	TCB	M 22* 95			0.598	57	S10T		
JL4-JL4A							563 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J32 JL4A-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	2022	70.65	67.1	67	SS400		
1	D-SPL-U	PL	470* 9	305	70.65	10.1	10	SS400		
1	D-SPL	PL	470* 14	292	109.9	15.1	15	SS400		
3	D-SPL	PL	470* 14	280	109.9	14.5	44	SS400		
2	D-SPL	PL	470* 14	230	109.9	11.9	24	SS400		
1	D-SPL	PL	470* 14	245	109.9	12.7	13	SS400		
102	D-SPL	TCB	M 22* 75			0.538	55	S10T		
18	D-SPL	HTB	M 22* 80			0.585	11	F10T		
2	UR-SPL-O	PL	155* 10	320	78.50	3.89	8	SS400		
8	UR-SPL-O	TCB	M 22* 65			0.508	4	S10T		
1	COV	PL	120* 6	460	47.10	2.60	3	SS400		
1	COV-O	RB	13 φ	280	1.040	0.291	1	SS400		
8	COV	BN	M 12* 35			0.073	1	SS400		1-W,HDG
10	PR-SPL	PL	175* 18	620	141.3	15.3	153	SS400		
80	PR-SPL	TCB	M 22* 95			0.598	48	S10T		
JL4A-JL5							457 kg			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J32 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	2690	70.65	89.3	89	SS400		
2	D-SPL	PL	470* 14	155	109.9	8.01	16	SS400		
7	D-SPL	PL	470* 14	230	109.9	11.9	83	SS400		
78	D-SPL	TCB	M 22* 75			0.538	42	S10T		
72	D-SPL	HTB	M 22* 80			0.585	42	F10T		
8	UR-SPL-I	PL	155* 10	320	78.50	3.89	31	SS400		
32	UR-SPL-I	TCB	M 22* 65			0.508	16	S10T		
4	COV	PL	120* 6	460	47.10	2.60	10	SS400		
4	COV-I	RB	13 φ	280	1.040	0.291	1	SS400		

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32	COV	BN	M 12* 35			0.073	2	SS400		1-W,HDG
JL5-JL6						332 kg				

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J32 JL6-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	980	70.65	32.5	32	SS400		
2	D-SPL-U	PL	470* 9	305	70.65	10.1	20	SS400		
2	D-SPL	PL	470* 14	245	109.9	12.7	25	SS400		
2	D-SPL	PL	470* 14	230	109.9	11.9	24	SS400		
2	D-SPL	PL	470* 14	80	109.9	4.13	8	SS400		
36	D-SPL	TCB	M 22* 75			0.538	19	S10T		
36	D-SPL	HTB	M 22* 80			0.585	21	F10T		
4	UR-SPL-O	PL	155* 10	320	78.50	3.89	16	SS400		
16	UR-SPL-O	TCB	M 22* 65			0.508	8	S10T		
2	COV	PL	120* 6	460	47.10	2.60	5	SS400		
2	COV-O	RB	13 φ	280	1.040	0.291	1	SS400		
16	COV	BN	M 12* 35			0.073	1	SS400		1-W,HDG
2	PR-SPL	PL	175* 18	620	141.3	15.3	31	SS400		
16	PR-SPL	TCB	M 22* 95			0.598	10	S10T		
JL6-JL7						221 kg				

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J32 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	2975	70.65	98.8	99	SS400		
1	D-SPL	PL	470* 14	223	109.9	11.5	12	SS400		
5	D-SPL	PL	470* 14	230	109.9	11.9	60	SS400		
4	D-SPL	PL	470* 14	80	109.9	4.13	17	SS400		
1	D-SPL	PL	470* 14	155	109.9	8.01	8	SS400		
48	D-SPL	TCB	M 22* 75			0.538	26	S10T		
96	D-SPL	HTB	M 22* 80			0.585	56	F10T		
10	UR-SPL-I	PL	155* 10	320	78.50	3.89	39	SS400		
40	UR-SPL-I	TCB	M 22* 65			0.508	20	S10T		
5	COV	PL	120* 6	460	47.10	2.60	13	SS400		
5	COV-I	RB	13 φ	280	1.040	0.291	1	SS400		
40	COV	BN	M 12* 35			0.073	3	SS400		1-W,HDG
JL7-JL8						354 kg				

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J32 JL8-RR1										

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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	D-SPL-U	PL	470* 9	970	70.65	32.2	32	SS400		
1	D-SPL-U	PL	470* 9	305	70.65	10.1	10	SS400		
1	D-SPL	PL	470* 14	270	109.9	13.9	14	SS400		
2	D-SPL	PL	470* 14	250	109.9	12.9	26	SS400		
1	D-SPL	PL	470* 14	245	109.9	12.7	13	SS400		
66	D-SPL	TCB	M 22* 75			0.538	36	S10T		
1	ST-SPL	PL	255* 9	320	70.65	5.77	6	SS400		
1	ST-SPL	PL	335* 16	320	125.6	13.5	14	SS400		
12	ST-SPL	TCB	M 22* 70			0.523	6	S10T		
2	ST-SPL	PL	80* 9	320	70.65	1.81	4	SS400		
4	ST-SPL	TCB	M 22* 65			0.508	2	S10T		
6	PR-SPL	PL	175* 18	620	141.3	15.3	92	SS400		
48	PR-SPL	TCB	M 22* 95			0.598	29	S10T		
JL8-RR1							284 kg			
J32							3402 kg			
DECK PL TRANSVERSE SPLICE							114534 kg			
APPROACH BRIDGE							114534 kg			

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APPROACH BRIDGE GIRDER G1 GE1-J1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	3065* 15	8448	117.8	3050	3050	SM490YA		
7	HANGER	PL	90* 9	150	70.65	0.954	7	SM400A		
7	HANGER	PL	90* 9	150	70.65	0.954	7	SM400A		
1	VSTF	PL	240* 19	2947	149.2	106	106	SM400A		
2	VSTF	PL	240* 19	2947	149.2	106	212	SM400A		
1	HSTF	PL	160* 17	1081	133.4	23.1	23	SM400A		
1	HSTF	PL	160* 17	1086	133.4	23.2	23	SM400A		
1	HSTF	PL	160* 17	1084	133.4	23.1	23	SM400A		
1	HSTF	PL	160* 17	1084	133.4	23.1	23	SM400A		
2	HSTF	PL	160* 17	1084	133.4	23.1	46	SM400A		
1	HSTF	PL	160* 17	214	133.4	4.57	5	SM400A		
1	RWEB	PL	2730* 15	8439	117.8	2714	2714	SM490YA		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
1	VSTF	PL	240* 19	2615	149.2	93.6	94	SM400A		
2	VSTF	PL	240* 19	2615	149.2	93.6	187	SM400A		
1	HSTF	PL	160* 17	1079	133.4	23.0	23	SM400A		
1	HSTF	PL	160* 17	1083	133.4	23.1	23	SM400A		
1	HSTF	PL	160* 17	1082	133.4	23.1	23	SM400A		
3	HSTF	PL	160* 17	1082	133.4	23.1	69	SM400A		
1	HSTF	PL	160* 17	214	133.4	4.57	5	SM400A		
1	LFLG	PL	1881* 10	8390	78.50	1152	1152	SM490YA	93	
1	LRIB	PL	170* 17	274	133.4	6.21	6	SM490YB		
1	LRIB	PL	170* 17	7062	133.4	160	160	SM490YB		
1	LRIB	PL	170* 17	8370	133.4	190	190	SM490YB		
1	SOLE	PL	1130* 52	1020	408.2	447	447	SM490C	95	
2	MIZUNUKI	FB	50* 6	524	2.360	1.24	2	SS400		
1	MIZUNUKI	FB	50* 6	520	2.360	1.23	1	SS400		
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70	
2	FLG	PL	100* 13	1721	102.0	17.6	35	SM400A		
2	WEB	PL	400* 13	1721	102.0	70.2	140	SM400A		
GE1-J1							8807 kg			

APPROACH BRIDGE GIRDER G1 J1-J2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	3065* 15	8364	117.8	3020	3020	SM490YA		
7	HANGER	PL	90* 9	150	70.65	0.954	7	SM400A		
7	HANGER	PL	90* 9	150	70.65	0.954	7	SM400A		
2	VSTF	PL	240* 19	2947	149.2	106	212	SM400A		

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2	VSTF	PL	240* 19	2947	149.2	106	212	SM400A		
1	HSTF	PL	160* 17	209	133.4	4.46	4	SM400A		
1	HSTF	PL	160* 17	1084	133.4	23.1	23	SM400A		
5	HSTF	PL	160* 17	1109	133.4	23.7	118	SM400A		
1	RWEB	PL	2730* 15	8356	117.8	2687	2687	SM490YA		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
2	VSTF	PL	240* 19	2615	149.2	93.6	187	SM400A		
2	VSTF	PL	240* 19	2615	149.2	93.6	187	SM400A		
1	HSTF	PL	160* 17	209	133.4	4.46	4	SM400A		
1	HSTF	PL	160* 17	1082	133.4	23.1	23	SM400A		
5	HSTF	PL	160* 17	1107	133.4	23.6	118	SM400A		
1	LFLG	PL	1744* 18	8308	141.3	2047	2047	SM490YB		
2	LRIB	PL	170* 17	8285	133.4	188	376	SM490YB		
2	MIZUNUKI	FB	50* 6	524	2.360	1.24	2	SS400		
1	MIZUNUKI	FB	50* 6	520	2.360	1.23	1	SS400		
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70	
J1-J2										
							9246 kg			

APPROACH BRIDGE GIRDER G1 J2-J3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	3065* 15	8400	117.8	3033	3033	SM490YA		
7	HANGER	PL	90* 9	150	70.65	0.954	7	SM400A		
7	HANGER	PL	90* 9	150	70.65	0.954	7	SM400A		
2	VSTF	PL	240* 19	2947	149.2	106	212	SM400A		
1	VSTF	PL	240* 19	2947	149.2	106	106	SM400A		
1	HSTF	PL	160* 17	152	133.4	3.24	3	SM400A		
6	HSTF	PL	160* 17	1109	133.4	23.7	142	SM400A		
1	HSTF	PL	160* 17	227	133.4	4.85	5	SM400A		
1	RWEB	PL	2729* 15	8392	117.8	2698	2698	SM490YA		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
2	VSTF	PL	240* 19	2615	149.2	93.6	187	SM400A		
1	VSTF	PL	240* 19	2615	149.2	93.6	94	SM400A		
1	HSTF	PL	160* 17	151	133.4	3.22	3	SM400A		
6	HSTF	PL	160* 17	1107	133.4	23.6	142	SM400A		
1	HSTF	PL	160* 17	226	133.4	4.82	5	SM400A		
1	LFLG	PL	1744* 27	8346	212.0	3087	3087	SM490YB		
2	LRIB	PL	200* 22	8322	172.7	287	574	SM490YB		
2	MIZUNUKI	FB	50* 6	524	2.360	1.24	2	SS400		
1	MIZUNUKI	FB	50* 6	520	2.360	1.23	1	SS400		
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70	

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J2-J3	10319 kg
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APPROACH BRIDGE GIRDER G1 J3-J4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	3065* 15	8348	117.8	3015	3015	SM490YA		
7	HANGER	PL	90* 9	150	70.65	0.954	7	SM400A		
7	HANGER	PL	90* 9	150	70.65	0.954	7	SM400A		
1	VSTF	PL	240* 19	2947	149.2	106	106	SM400A		
2	VSTF	PL	240* 19	2947	149.2	106	212	SM400A		
1	VSTF	PL	240* 19	2947	149.2	106	106	SM400A		
1	HSTF	PL	160* 17	222	133.4	4.74	5	SM400A		
6	HSTF	PL	160* 17	1109	133.4	23.7	142	SM400A		
1	HSTF	PL	160* 17	172	133.4	3.67	4	SM400A		
1	RWEB	PL	2729* 15	8340	117.8	2681	2681	SM490YA		
6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A		
6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A		
1	VSTF	PL	240* 19	2615	149.2	93.6	94	SM400A		
2	VSTF	PL	240* 19	2615	149.2	93.6	187	SM400A		
1	VSTF	PL	240* 19	2615	149.2	93.6	94	SM400A		
1	HSTF	PL	160* 17	221	133.4	4.72	5	SM400A		
6	HSTF	PL	160* 17	1107	133.4	23.6	142	SM400A		
1	HSTF	PL	160* 17	171	133.4	3.65	4	SM400A		
1	LFLG	PL	1744* 30	8295	235.5	3408	3408	SM490YB		
2	LRIB	PL	200* 22	8272	172.7	286	572	SM490YB		
2	MIZUNUKI	FB	50* 6	524	2.360	1.24	2	SS400		
1	MIZUNUKI	FB	50* 6	520	2.360	1.23	1	SS400		
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70	
J3-J4							10807 kg			

APPROACH BRIDGE GIRDER G1 J4-J5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	3065* 15	8446	117.8	3050	3050	SM490YA		
7	HANGER	PL	90* 9	150	70.65	0.954	7	SM400A		
7	HANGER	PL	90* 9	150	70.65	0.954	7	SM400A		
1	VSTF	PL	240* 19	2947	149.2	106	106	SM400A		
2	VSTF	PL	240* 19	2947	149.2	106	212	SM400A		
1	HSTF	PL	160* 17	277	133.4	5.91	6	SM400A		
6	HSTF	PL	160* 17	1109	133.4	23.7	142	SM400A		
1	HSTF	PL	160* 17	227	133.4	4.85	5	SM400A		
1	RWEB	PL	2729* 15	8438	117.8	2713	2713	SM490YA		

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5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
1	VSTF	PL	240* 19	2615	149.2	93.6	94	SM400A		
2	VSTF	PL	240* 19	2615	149.2	93.6	187	SM400A		
1	HSTF	PL	160* 17	277	133.4	5.91	6	SM400A		
6	HSTF	PL	160* 17	1107	133.4	23.6	142	SM400A		
1	HSTF	PL	160* 17	226	133.4	4.82	5	SM400A		
1	LFLG	PL	1744* 30	8396	235.5	3448	3448	SM490YB		
2	LRIB	PL	200* 22	8372	172.7	289	578	SM490YB		
2	MIZUNUKI	FB	50* 6	524	2.360	1.24	2	SS400		
1	MIZUNUKI	FB	50* 6	520	2.360	1.23	1	SS400		
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70	
J4-J5										10722 kg

APPROACH BRIDGE GIRDER G1 J5-J6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	3065* 15	8395	117.8	3031	3031	SM490YA		
7	HANGER	PL	90* 9	150	70.65	0.954	7	SM400A		
7	HANGER	PL	90* 9	150	70.65	0.954	7	SM400A		
2	VSTF	PL	240* 19	2947	149.2	106	212	SM400A		
2	VSTF	PL	240* 19	2947	149.2	106	212	SM400A		
1	HSTF	PL	160* 17	222	133.4	4.74	5	SM400A		
6	HSTF	PL	160* 17	1109	133.4	23.7	142	SM400A		
1	RWEB	PL	2729* 15	8386	117.8	2696	2696	SM490YA		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
2	VSTF	PL	240* 19	2615	149.2	93.6	187	SM400A		
2	VSTF	PL	240* 19	2615	149.2	93.6	187	SM400A		
1	HSTF	PL	160* 17	221	133.4	4.72	5	SM400A		
6	HSTF	PL	160* 17	1107	133.4	23.6	142	SM400A		
1	LFLG	PL	1744* 26	8345	204.1	2970	2970	SM490YB		
2	LRIB	PL	200* 22	8322	172.7	287	574	SM490YB		
2	MIZUNUKI	FB	50* 6	524	2.360	1.24	2	SS400		
1	MIZUNUKI	FB	50* 6	520	2.360	1.23	1	SS400		
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70	
J5-J6										10391 kg

APPROACH BRIDGE GIRDER G1 J6-J7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	3065* 15	8393	117.8	3030	3030	SM490YA		

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7	HANGER	PL	90* 9	150	70.65	0.954	7	SM400A			
7	HANGER	PL	90* 9	150	70.65	0.954	7	SM400A			
2	VSTF	PL	240* 19	2947	149.2	106	212	SM400A			
1	VSTF	PL	240* 19	2947	149.2	106	106	SM400A			
1	HSTF	PL	160* 17	152	133.4	3.24	3	SM400A			
6	HSTF	PL	160* 17	1109	133.4	23.7	142	SM400A			
1	HSTF	PL	160* 17	227	133.4	4.85	5	SM400A			
1	RWEB	PL	2729* 15	8385	117.8	2695	2695	SM490YA			
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A			
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A			
2	VSTF	PL	240* 19	2615	149.2	93.6	187	SM400A			
1	VSTF	PL	240* 19	2615	149.2	93.6	94	SM400A			
1	HSTF	PL	160* 17	151	133.4	3.22	3	SM400A			
6	HSTF	PL	160* 17	1107	133.4	23.6	142	SM400A			
1	HSTF	PL	160* 17	226	133.4	4.82	5	SM400A			
1	LFLG	PL	1744* 17	8345	133.4	1941	1941	SM490YB			
2	LRIB	PL	170* 17	8322	133.4	189	378	SM490YB			
3	LRIB	PL	170* 17	546	133.4	12.4	37	SM490YB			
2	MIZUNUKI	FB	50* 6	524	2.360	1.24	2	SS400			
1	MIZUNUKI	FB	50* 6	520	2.360	1.23	1	SS400			
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70		
J6-J7											
								9008 kg			

APPROACH BRIDGE GIRDER G1 J7-J8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	3065* 15	8391	117.8	3030	3030	SM490YA		
7	HANGER	PL	90* 9	150	70.65	0.954	7	SM400A		
7	HANGER	PL	90* 9	150	70.65	0.954	7	SM400A		
1	VSTF	PL	240* 19	2947	149.2	106	106	SM400A		
2	VSTF	PL	240* 19	3117	149.2	112	224	SM400A		
1	VSTF	PL	240* 19	3117	149.2	112	112	SM400A		
1	HSTF	PL	160* 17	222	133.4	4.74	5	SM400A		
4	HSTF	PL	160* 17	1109	133.4	23.7	95	SM400A		
1	HSTF	PL	160* 17	1103	133.4	23.5	24	SM400A		
2	HSTF	PL	160* 17	1108	133.4	23.7	47	SM400A		
2	HSTF	PL	160* 17	1103	133.4	23.5	47	SM400A		
1	HSTF	PL	160* 17	222	133.4	4.74	5	SM400A		
1	RWEB	PL	2730* 15	8383	117.8	2696	2696	SM490YA		
6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A		
6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A		
1	VSTF	PL	240* 19	2615	149.2	93.6	94	SM400A		
2	VSTF	PL	240* 19	2650	149.2	94.9	190	SM400A		

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1	VSTF	PL	240* 19	2650	149.2	94.9	95	SM400A			
1	HSTF	PL	160* 17	221	133.4	4.72	5	SM400A			
4	HSTF	PL	160* 17	1107	133.4	23.6	94	SM400A			
1	HSTF	PL	160* 17	1102	133.4	23.5	24	SM400A			
2	HSTF	PL	160* 17	1107	133.4	23.6	47	SM400A			
2	HSTF	PL	160* 17	1102	133.4	23.5	47	SM400A			
1	HSTF	PL	160* 17	221	133.4	4.72	5	SM400A			
1	LFLG	PL	1744* 10	8345	78.50	1142	1142	SM490YA			
5	LRIB	PL	170* 17	8322	133.4	189	945	SM490YB			
1	MIZUNUKI	FB	50* 6	250	2.360	0.59	1	SS400			
2	MIZUNUKI	FB	50* 6	246	2.360	0.581	1	SS400			
1	MIZUNUKI	FB	50* 6	252	2.360	0.595	1	SS400			
1	MIZUNUKI	FB	50* 6	259	2.360	0.611	1	SS400			
1	MIZUNUKI	FB	50* 6	262	2.360	0.618	1	SS400			
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70		
								J7-J8			9111 kg

APPROACH BRIDGE GIRDER G1 J8-J9										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	3064* 17	7059	133.4	2885	2885	SM490YB		
6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A		
6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A		
1	VSTF	PL	240* 19	3117	149.2	112	112	SM400A		
2	VSTF	PL	240* 19	3117	149.2	112	224	SM400A		
1	HSTF	PL	160* 17	227	133.4	4.85	5	SM400A		
1	HSTF	PL	160* 17	1083	133.4	23.1	23	SM400A		
2	HSTF	PL	160* 17	1078	133.4	23.0	46	SM400A		
2	HSTF	PL	160* 17	1083	133.4	23.1	46	SM400A		
1	RWEB	PL	2730* 17	7052	133.4	2568	2568	SM490YB		
4	HANGER	PL	90* 9	150	70.65	0.954	4	SM400A		
4	HANGER	PL	90* 9	150	70.65	0.954	4	SM400A		
1	VSTF	PL	240* 19	2650	149.2	94.9	95	SM400A		
2	VSTF	PL	240* 19	2650	149.2	94.9	190	SM400A		
1	HSTF	PL	160* 17	961	133.4	20.5	20	SM400A		
2	HSTF	PL	160* 17	1077	133.4	23.0	46	SM400A		
2	HSTF	PL	160* 17	1082	133.4	23.1	46	SM400A		
1	LFLG	PL	1743* 10	7015	78.50	960	960	SM490YA		
5	LRIB	PL	170* 17	6992	133.4	159	795	SM490YB		
1	MIZUNUKI	FB	50* 6	250	2.360	0.59	1	SS400		
2	MIZUNUKI	FB	50* 6	246	2.360	0.581	1	SS400		
1	MIZUNUKI	FB	50* 6	252	2.360	0.595	1	SS400		
1	MIZUNUKI	FB	50* 6	259	2.360	0.611	1	SS400		

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1	MIZUNUKI	FB	50* 6	262	2.360	0.618	1	SS400		
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70	
J8-J9							8087 kg			

APPROACH BRIDGE GIRDER G1 J9-J10										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	3063* 17	5925	133.4	2421	2421	SM490YB		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
2	VSTF	PL	240* 19	3117	149.2	112	224	SM400A		
1	HSTF	PL	160* 17	1078	133.4	23.0	23	SM490YB		
1	HSTF	PL	160* 17	1074	133.4	22.9	23	SM490YB		
1	HSTF	PL	160* 17	1092	133.4	23.3	23	SM490YB		
1	HSTF	PL	160* 17	1097	133.4	23.4	23	SM490YB		
1	RWEB	PL	2730* 17	5919	133.4	2156	2156	SM490YB		
4	HANGER	PL	90* 9	150	70.65	0.954	4	SM400A		
4	HANGER	PL	90* 9	150	70.65	0.954	4	SM400A		
2	VSTF	PL	240* 19	2650	149.2	94.9	190	SM400A		
1	HSTF	PL	160* 17	1077	133.4	23.0	23	SM490YB		
1	HSTF	PL	160* 17	962	133.4	20.5	20	SM490YB		
1	HSTF	PL	160* 17	980	133.4	20.9	21	SM490YB		
1	HSTF	PL	160* 17	1096	133.4	23.4	23	SM490YB		
1	LFLG	PL	1864* 15	5882	117.8	1201	1201	SM490YA	93	
1	LRIB	PL	200* 22	2418	172.7	83.5	84	SM490YB		
1	LRIB	PL	200* 22	2419	172.7	83.6	84	SM490YB		
3	LRIB	PL	200* 22	5860	172.7	202	606	SM490YB		
1	LRIB	PL	200* 22	2465	172.7	85.1	85	SM490YB		
1	LRIB	PL	200* 22	2466	172.7	85.2	85	SM490YB		
1	SOLE	PL	1100* 48	970	376.8	382	382	SM490C	95	
1	MIZUNUKI	FB	50* 6	250	2.360	0.59	1	SS400		
2	MIZUNUKI	FB	50* 6	246	2.360	0.581	1	SS400		
1	MIZUNUKI	FB	50* 6	252	2.360	0.595	1	SS400		
1	MIZUNUKI	FB	50* 6	259	2.360	0.611	1	SS400		
1	MIZUNUKI	FB	50* 6	262	2.360	0.618	1	SS400		
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70	
2	FLG	PL	100* 10	1721	78.50	13.5	27	SM400A		
2	WEB	PL	400* 9	1721	70.65	48.6	97	SM400A		
J9-J10							7845 kg			

APPROACH BRIDGE GIRDER G1 J10-J11										
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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	3064* 17	7166	133.4	2929	2929	SM490YB		
6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A		
6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A		
2	VSTF	PL	240* 19	3117	149.2	112	224	SM400A		
1	VSTF	PL	240* 19	3117	149.2	112	112	SM400A		
2	HSTF	PL	160* 17	1102	133.4	23.5	47	SM400A		
2	HSTF	PL	160* 17	1097	133.4	23.4	47	SM400A		
1	HSTF	PL	160* 17	1102	133.4	23.5	24	SM400A		
1	HSTF	PL	160* 17	233	133.4	4.97	5	SM400A		
1	RWEB	PL	2730* 17	7159	133.4	2607	2607	SM490YB		
4	HANGER	PL	90* 9	150	70.65	0.954	4	SM400A		
4	HANGER	PL	90* 9	150	70.65	0.954	4	SM400A		
2	VSTF	PL	240* 19	2650	149.2	94.9	190	SM400A		
1	VSTF	PL	240* 19	2650	149.2	94.9	95	SM400A		
2	HSTF	PL	160* 17	1101	133.4	23.5	47	SM400A		
2	HSTF	PL	160* 17	1096	133.4	23.4	47	SM400A		
1	HSTF	PL	160* 17	980	133.4	20.9	21	SM400A		
1	LFLG	PL	1743* 12	7125	94.20	1170	1170	SM490YA		
5	LRIB	PL	170* 17	7102	133.4	161	805	SM490YB		
1	MIZUNUKI	FB	50* 6	250	2.360	0.59	1	SS400		
2	MIZUNUKI	FB	50* 6	246	2.360	0.581	1	SS400		
1	MIZUNUKI	FB	50* 6	252	2.360	0.595	1	SS400		
1	MIZUNUKI	FB	50* 6	259	2.360	0.611	1	SS400		
1	MIZUNUKI	FB	50* 6	262	2.360	0.618	1	SS400		
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70	
J10-J11							8396 kg			

APPROACH BRIDGE GIRDER G1 J11-J12										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	3065* 15	8473	117.8	3059	3059	SM490YA		
7	HANGER	PL	90* 9	150	70.65	0.954	7	SM400A		
7	HANGER	PL	90* 9	150	70.65	0.954	7	SM400A		
1	VSTF	PL	240* 19	3117	149.2	112	112	SM400A		
2	VSTF	PL	240* 19	3117	149.2	112	224	SM400A		
1	VSTF	PL	240* 19	3117	149.2	112	112	SM400A		
4	HSTF	PL	160* 17	1121	133.4	23.9	96	SM400A		
1	HSTF	PL	160* 17	228	133.4	4.87	5	SM400A		
1	HSTF	PL	160* 17	228	133.4	4.87	5	SM400A		
2	HSTF	PL	160* 17	1116	133.4	23.8	48	SM400A		
2	HSTF	PL	160* 17	1121	133.4	23.9	48	SM400A		
2	HSTF	PL	160* 17	1116	133.4	23.8	48	SM400A		

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1	HSTF	PL	160* 17	228	133.4	4.87	5	SM400A			
1	RWEB	PL	2730* 15	8465	117.8	2722	2722	SM490YA			
6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A			
6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A			
1	VSTF	PL	240* 19	2650	149.2	94.9	95	SM400A			
2	VSTF	PL	240* 19	2650	149.2	94.9	190	SM400A			
1	VSTF	PL	240* 19	2650	149.2	94.9	95	SM400A			
4	HSTF	PL	160* 17	1120	133.4	23.9	96	SM400A			
1	HSTF	PL	160* 17	227	133.4	4.85	5	SM400A			
1	HSTF	PL	160* 17	227	133.4	4.85	5	SM400A			
2	HSTF	PL	160* 17	1115	133.4	23.8	48	SM400A			
2	HSTF	PL	160* 17	1120	133.4	23.9	48	SM400A			
2	HSTF	PL	160* 17	1115	133.4	23.8	48	SM400A			
1	HSTF	PL	160* 17	227	133.4	4.85	5	SM400A			
1	LFLG	PL	1744* 10	8433	78.50	1155	1155	SM490YA			
5	LRIB	PL	170* 17	8409	133.4	191	955	SM490YB			
1	MIZUNUKI	FB	50* 6	250	2.360	0.59	1	SS400			
2	MIZUNUKI	FB	50* 6	246	2.360	0.581	1	SS400			
1	MIZUNUKI	FB	50* 6	252	2.360	0.595	1	SS400			
1	MIZUNUKI	FB	50* 6	259	2.360	0.611	1	SS400			
1	MIZUNUKI	FB	50* 6	262	2.360	0.618	1	SS400			
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70		
J11-J12											
								9261 kg			

APPROACH BRIDGE GIRDER G1 J12-J13										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	3065* 15	8471	117.8	3058	3058	SM490YA		
7	HANGER	PL	90* 9	150	70.65	0.954	7	SM400A		
7	HANGER	PL	90* 9	150	70.65	0.954	7	SM400A		
1	VSTF	PL	240* 19	3117	149.2	112	112	SM400A		
2	VSTF	PL	240* 19	3117	149.2	112	224	SM400A		
1	HSTF	PL	160* 17	233	133.4	4.97	5	SM400A		
6	HSTF	PL	160* 17	1121	133.4	23.9	143	SM400A		
1	HSTF	PL	160* 17	233	133.4	4.97	5	SM400A		
1	HSTF	PL	160* 17	233	133.4	4.97	5	SM400A		
1	HSTF	PL	160* 17	1121	133.4	23.9	24	SM400A		
2	HSTF	PL	160* 17	1116	133.4	23.8	48	SM400A		
2	HSTF	PL	160* 17	1121	133.4	23.9	48	SM400A		
1	HSTF	PL	160* 17	1116	133.4	23.8	24	SM400A		
1	HSTF	PL	160* 17	228	133.4	4.87	5	SM400A		
1	RWEB	PL	2730* 15	8463	117.8	2721	2721	SM490YA		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		

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5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
1	VSTF	PL	240* 19	2650	149.2	94.9	95	SM400A		
2	VSTF	PL	240* 19	2650	149.2	94.9	190	SM400A		
1	HSTF	PL	160* 17	232	133.4	4.95	5	SM400A		
6	HSTF	PL	160* 17	1120	133.4	23.9	143	SM400A		
1	HSTF	PL	160* 17	232	133.4	4.95	5	SM400A		
1	HSTF	PL	160* 17	999	133.4	21.3	21	SM400A		
2	HSTF	PL	160* 17	1115	133.4	23.8	48	SM400A		
2	HSTF	PL	160* 17	1120	133.4	23.9	48	SM400A		
1	HSTF	PL	160* 17	1115	133.4	23.8	24	SM400A		
1	HSTF	PL	160* 17	227	133.4	4.85	5	SM400A		
1	LFLG	PL	1744* 10	8433	78.50	1155	1155	SM490YA		
5	LRIB	PL	170* 17	8409	133.4	191	955	SM490YB		
1	MIZUNUKI	FB	50* 6	250	2.360	0.59	1	SS400		
2	MIZUNUKI	FB	50* 6	246	2.360	0.581	1	SS400		
1	MIZUNUKI	FB	50* 6	252	2.360	0.595	1	SS400		
1	MIZUNUKI	FB	50* 6	259	2.360	0.611	1	SS400		
1	MIZUNUKI	FB	50* 6	262	2.360	0.618	1	SS400		
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70	
J12-J13										
9146 kg										

APPROACH BRIDGE GIRDER G1 J13-J14										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	3064* 15	7265	117.8	2622	2622	SM490YA		
6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A		
6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A		
2	VSTF	PL	240* 19	3117	149.2	112	224	SM400A		
1	VSTF	PL	240* 19	3117	149.2	112	112	SM400A		
1	HSTF	PL	160* 17	228	133.4	4.87	5	SM400A		
5	HSTF	PL	160* 17	1121	133.4	23.9	120	SM400A		
1	HSTF	PL	160* 17	233	133.4	4.97	5	SM400A		
1	HSTF	PL	160* 17	228	133.4	4.87	5	SM400A		
2	HSTF	PL	160* 17	1121	133.4	23.9	48	SM400A		
2	HSTF	PL	160* 17	1116	133.4	23.8	48	SM400A		
1	HSTF	PL	160* 17	1121	133.4	23.9	24	SM400A		
1	HSTF	PL	160* 17	233	133.4	4.97	5	SM400A		
1	RWEB	PL	2730* 15	7257	117.8	2334	2334	SM490YA		
4	HANGER	PL	90* 9	150	70.65	0.954	4	SM400A		
4	HANGER	PL	90* 9	150	70.65	0.954	4	SM400A		
2	VSTF	PL	240* 19	2650	149.2	94.9	190	SM400A		
1	VSTF	PL	240* 19	2650	149.2	94.9	95	SM400A		
1	HSTF	PL	160* 17	227	133.4	4.85	5	SM400A		

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5	HSTF	PL	160* 17	1120	133.4	23.9	120	SM400A		
1	HSTF	PL	160* 17	232	133.4	4.95	5	SM400A		
1	HSTF	PL	160* 17	227	133.4	4.85	5	SM400A		
2	HSTF	PL	160* 17	999	133.4	21.3	43	SM400A		
2	HSTF	PL	160* 17	1115	133.4	23.8	48	SM400A		
1	HSTF	PL	160* 17	1120	133.4	23.9	24	SM400A		
1	HSTF	PL	160* 17	232	133.4	4.95	5	SM400A		
1	LFLG	PL	1743* 10	7228	78.50	989	989	SM490YA		
5	LRIB	PL	170* 17	7205	133.4	163	815	SM490YB		
1	MIZUNUKI	FB	50* 6	250	2.360	0.59	1	SS400		
2	MIZUNUKI	FB	50* 6	246	2.360	0.581	1	SS400		
1	MIZUNUKI	FB	50* 6	252	2.360	0.595	1	SS400		
1	MIZUNUKI	FB	50* 6	259	2.360	0.611	1	SS400		
1	MIZUNUKI	FB	50* 6	262	2.360	0.618	1	SS400		
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70	
J13-J14							7922 kg			

APPROACH BRIDGE GIRDER G1 J14-J15										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	3065* 15	8468	117.8	3057	3057	SM490YA		
7	HANGER	PL	90* 9	150	70.65	0.954	7	SM400A		
7	HANGER	PL	90* 9	150	70.65	0.954	7	SM400A		
1	VSTF	PL	240* 19	3117	149.2	112	112	SM400A		
2	VSTF	PL	240* 19	3117	149.2	112	224	SM400A		
1	VSTF	PL	240* 19	3117	149.2	112	112	SM400A		
1	HSTF	PL	160* 17	228	133.4	4.87	5	SM400A		
6	HSTF	PL	160* 17	1121	133.4	23.9	143	SM400A		
1	HSTF	PL	160* 17	228	133.4	4.87	5	SM400A		
1	HSTF	PL	160* 17	228	133.4	4.87	5	SM400A		
2	HSTF	PL	160* 17	1116	133.4	23.8	48	SM400A		
2	HSTF	PL	160* 17	1121	133.4	23.9	48	SM400A		
2	HSTF	PL	160* 17	1116	133.4	23.8	48	SM400A		
1	HSTF	PL	160* 17	228	133.4	4.87	5	SM400A		
1	RWEB	PL	2730* 15	8460	117.8	2721	2721	SM490YA		
6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A		
6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A		
1	VSTF	PL	240* 19	2650	149.2	94.9	95	SM400A		
2	VSTF	PL	240* 19	2650	149.2	94.9	190	SM400A		
1	VSTF	PL	240* 19	2650	149.2	94.9	95	SM400A		
1	HSTF	PL	160* 17	227	133.4	4.85	5	SM400A		
6	HSTF	PL	160* 17	1120	133.4	23.9	143	SM400A		
1	HSTF	PL	160* 17	227	133.4	4.85	5	SM400A		

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1	HSTF	PL	160* 17	227	133.4	4.85	5	SM400A		
2	HSTF	PL	160* 17	1115	133.4	23.8	48	SM400A		
2	HSTF	PL	160* 17	999	133.4	21.3	43	SM400A		
2	HSTF	PL	160* 17	1115	133.4	23.8	48	SM400A		
1	HSTF	PL	160* 17	227	133.4	4.85	5	SM400A		
1	LFLG	PL	1744* 10	8433	78.50	1155	1155	SM490YA		
5	LRIB	PL	170* 17	8409	133.4	191	955	SM490YB		
1	MIZUNUKI	FB	50* 6	250	2.360	0.59	1	SS400		
2	MIZUNUKI	FB	50* 6	246	2.360	0.581	1	SS400		
1	MIZUNUKI	FB	50* 6	252	2.360	0.595	1	SS400		
1	MIZUNUKI	FB	50* 6	259	2.360	0.611	1	SS400		
1	MIZUNUKI	FB	50* 6	262	2.360	0.618	1	SS400		
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70	
J14-J15										
9357 kg										

APPROACH BRIDGE GIRDER G1 J15-J16										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	3064* 15	7262	117.8	2621	2621	SM490YA		
6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A		
6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A		
1	VSTF	PL	240* 19	3117	149.2	112	112	SM400A		
2	VSTF	PL	240* 19	3117	149.2	112	224	SM400A		
1	HSTF	PL	160* 17	233	133.4	4.97	5	SM400A		
5	HSTF	PL	160* 17	1121	133.4	23.9	120	SM400A		
1	HSTF	PL	160* 17	228	133.4	4.87	5	SM400A		
1	HSTF	PL	160* 17	233	133.4	4.97	5	SM400A		
1	HSTF	PL	160* 17	1121	133.4	23.9	24	SM400A		
2	HSTF	PL	160* 17	1116	133.4	23.8	48	SM400A		
2	HSTF	PL	160* 17	1121	133.4	23.9	48	SM400A		
1	HSTF	PL	160* 17	228	133.4	4.87	5	SM400A		
1	RWEB	PL	2730* 15	7254	117.8	2332	2332	SM490YA		
4	HANGER	PL	90* 9	150	70.65	0.954	4	SM400A		
4	HANGER	PL	90* 9	150	70.65	0.954	4	SM400A		
1	VSTF	PL	240* 19	2650	149.2	94.9	95	SM400A		
2	VSTF	PL	240* 19	2650	149.2	94.9	190	SM400A		
1	HSTF	PL	160* 17	232	133.4	4.95	5	SM400A		
5	HSTF	PL	160* 17	1120	133.4	23.9	120	SM400A		
1	HSTF	PL	160* 17	227	133.4	4.85	5	SM400A		
1	HSTF	PL	160* 17	232	133.4	4.95	5	SM400A		
1	HSTF	PL	160* 17	1120	133.4	23.9	24	SM400A		
2	HSTF	PL	160* 17	1115	133.4	23.8	48	SM400A		
2	HSTF	PL	160* 17	999	133.4	21.3	43	SM400A		

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1	HSTF	PL	160* 17	227	133.4	4.85	5	SM400A		
1	LFLG	PL	1743* 10	7228	78.50	989	989	SM490YA		
5	LRIB	PL	170* 17	7205	133.4	163	815	SM490YB		
1	MIZUNUKI	FB	50* 6	250	2.360	0.59	1	SS400		
2	MIZUNUKI	FB	50* 6	246	2.360	0.581	1	SS400		
1	MIZUNUKI	FB	50* 6	252	2.360	0.595	1	SS400		
1	MIZUNUKI	FB	50* 6	259	2.360	0.611	1	SS400		
1	MIZUNUKI	FB	50* 6	262	2.360	0.618	1	SS400		
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70	
J15-J16										7919 kg

APPROACH BRIDGE GIRDER G1 J16-J17										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	3065* 15	8465	117.8	3057	3057	SM490YA		
7	HANGER	PL	90* 9	150	70.65	0.954	7	SM400A		
7	HANGER	PL	90* 9	150	70.65	0.954	7	SM400A		
2	VSTF	PL	240* 19	3117	149.2	112	224	SM400A		
1	VSTF	PL	240* 19	3117	149.2	112	112	SM400A		
1	HSTF	PL	160* 17	233	133.4	4.97	5	SM400A		
4	HSTF	PL	160* 17	1121	133.4	23.9	96	SM400A		
1	HSTF	PL	160* 17	228	133.4	4.87	5	SM400A		
1	HSTF	PL	160* 17	1116	133.4	23.8	24	SM400A		
2	HSTF	PL	160* 17	1121	133.4	23.9	48	SM400A		
2	HSTF	PL	160* 17	1116	133.4	23.8	48	SM400A		
1	HSTF	PL	160* 17	1121	133.4	23.9	24	SM400A		
1	HSTF	PL	160* 17	233	133.4	4.97	5	SM400A		
1	RWEB	PL	2730* 15	8456	117.8	2719	2719	SM490YA		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
2	VSTF	PL	240* 19	2650	149.2	94.9	190	SM400A		
1	VSTF	PL	240* 19	2650	149.2	94.9	95	SM400A		
1	HSTF	PL	160* 17	232	133.4	4.95	5	SM400A		
4	HSTF	PL	160* 17	1120	133.4	23.9	96	SM400A		
1	HSTF	PL	160* 17	227	133.4	4.85	5	SM400A		
1	HSTF	PL	160* 17	1115	133.4	23.8	24	SM400A		
2	HSTF	PL	160* 17	1120	133.4	23.9	48	SM400A		
2	HSTF	PL	160* 17	1115	133.4	23.8	48	SM400A		
1	HSTF	PL	160* 17	999	133.4	21.3	21	SM400A		
1	LFLG	PL	1744* 12	8433	94.20	1386	1386	SM490YA		
5	LRIB	PL	170* 17	8409	133.4	191	955	SM490YB		
1	MIZUNUKI	FB	50* 6	250	2.360	0.59	1	SS400		
2	MIZUNUKI	FB	50* 6	246	2.360	0.581	1	SS400		

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1	MIZUNUKI	FB	50* 6	252	2.360	0.595	1	SS400		
1	MIZUNUKI	FB	50* 6	259	2.360	0.611	1	SS400		
1	MIZUNUKI	FB	50* 6	262	2.360	0.618	1	SS400		
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70	
J16-J17							9270 kg			

APPROACH BRIDGE GIRDER G1 J17-J18										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	3065* 15	8463	117.8	3056	3056	SM490YA		
7	HANGER	PL	90* 9	150	70.65	0.954	7	SM400A		
7	HANGER	PL	90* 9	150	70.65	0.954	7	SM400A		
1	VSTF	PL	240* 19	3117	149.2	112	112	SM400A		
2	VSTF	PL	240* 19	3117	149.2	112	224	SM400A		
1	VSTF	PL	240* 19	3117	149.2	112	112	SM400A		
1	HSTF	PL	160* 17	228	133.4	4.87	5	SM400A		
2	HSTF	PL	160* 17	1116	133.4	23.8	48	SM400A		
2	HSTF	PL	160* 17	1121	133.4	23.9	48	SM400A		
2	HSTF	PL	160* 17	1116	133.4	23.8	48	SM400A		
1	HSTF	PL	160* 17	153	133.4	3.27	3	SM400A		
1	RWEB	PL	2730* 15	8455	117.8	2719	2719	SM490YA		
6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A		
6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A		
1	VSTF	PL	240* 19	2650	149.2	94.9	95	SM400A		
2	VSTF	PL	240* 19	2650	149.2	94.9	190	SM400A		
1	VSTF	PL	240* 19	2650	149.2	94.9	95	SM400A		
1	HSTF	PL	160* 17	227	133.4	4.85	5	SM400A		
2	HSTF	PL	160* 17	1115	133.4	23.8	48	SM400A		
2	HSTF	PL	160* 17	1120	133.4	23.9	48	SM400A		
2	HSTF	PL	160* 17	1115	133.4	23.8	48	SM400A		
1	HSTF	PL	160* 17	152	133.4	3.24	3	SM400A		
1	LFLG	PL	1744* 21	8432	164.8	2424	2424	SM490YB		
5	LRIB	PL	200* 22	8409	172.7	290	1450	SM490YB		
1	MIZUNUKI	FB	50* 6	250	2.360	0.59	1	SS400		
2	MIZUNUKI	FB	50* 6	246	2.360	0.581	1	SS400		
1	MIZUNUKI	FB	50* 6	252	2.360	0.595	1	SS400		
1	MIZUNUKI	FB	50* 6	259	2.360	0.611	1	SS400		
1	MIZUNUKI	FB	50* 6	262	2.360	0.618	1	SS400		
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70	
J17-J18							10813 kg			

APPROACH BRIDGE GIRDER G1 J18-J19										
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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	3064* 17	6903	133.4	2821	2821	SM490YB		
6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A		
6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A		
1	VSTF	PL	240* 19	3117	149.2	112	112	SM400A		
2	VSTF	PL	240* 19	3117	149.2	112	224	SM400A		
1	HSTF	PL	160* 17	158	133.4	3.37	3	SM400A		
1	HSTF	PL	160* 17	1102	133.4	23.5	24	SM400A		
2	HSTF	PL	160* 17	1097	133.4	23.4	47	SM400A		
1	HSTF	PL	160* 17	1102	133.4	23.5	24	SM400A		
1	HSTF	PL	160* 17	672	133.4	14.3	14	SM400A		
1	HSTF	PL	160* 17	322	133.4	6.87	7	SM400A		
1	RWEB	PL	2730* 17	6895	133.4	2511	2511	SM490YB		
4	HANGER	PL	90* 9	150	70.65	0.954	4	SM400A		
4	HANGER	PL	90* 9	150	70.65	0.954	4	SM400A		
1	VSTF	PL	240* 19	2650	149.2	94.9	95	SM400A		
2	VSTF	PL	240* 19	2650	149.2	94.9	190	SM400A		
1	HSTF	PL	160* 17	157	133.4	3.35	3	SM400A		
1	HSTF	PL	160* 17	980	133.4	20.9	21	SM400A		
2	HSTF	PL	160* 17	1096	133.4	23.4	47	SM400A		
1	HSTF	PL	160* 17	1101	133.4	23.5	24	SM400A		
1	HSTF	PL	160* 17	671	133.4	14.3	14	SM400A		
1	HSTF	PL	160* 17	323	133.4	6.89	7	SM400A		
1	LFLG	PL	1743* 41	6874	321.8	3855	3855	SM520C-H		
5	LRIB	PL	200* 22	6851	172.7	237	1185	SM490YB		
1	MIZUNUKI	FB	50* 6	250	2.360	0.59	1	SS400		
2	MIZUNUKI	FB	50* 6	246	2.360	0.581	1	SS400		
1	MIZUNUKI	FB	50* 6	252	2.360	0.595	1	SS400		
1	MIZUNUKI	FB	50* 6	259	2.360	0.611	1	SS400		
1	MIZUNUKI	FB	50* 6	262	2.360	0.618	1	SS400		
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70	
J18-J19							11254 kg			

APPROACH BRIDGE GIRDER G1 J19-J20										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	3064* 17	6245	133.4	2552	2552	SM490YB		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
2	VSTF	PL	240* 19	3117	149.2	112	224	SM400A		
1	HSTF	PL	160* 17	394	133.4	8.41	8	SM400A		
1	HSTF	PL	160* 17	1097	133.4	23.4	23	SM400A		

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1	HSTF	PL	160* 17	1092	133.4	23.3	23	SM400A				
1	HSTF	PL	160* 17	1023	133.4	21.8	22	SM400A				
1	HSTF	PL	160* 17	1028	133.4	21.9	22	SM400A				
1	HSTF	PL	160* 17	319	133.4	6.81	7	SM400A				
1	RWEB	PL	2730* 17	6239	133.4	2272	2272	SM490YB				
4	HANGER	PL	90* 9	150	70.65	0.954	4	SM400A				
4	HANGER	PL	90* 9	150	70.65	0.954	4	SM400A				
2	VSTF	PL	240* 19	2650	149.2	94.9	190	SM400A				
1	HSTF	PL	160* 17	393	133.4	8.39	8	SM400A				
1	HSTF	PL	160* 17	1096	133.4	23.4	23	SM400A				
1	HSTF	PL	160* 17	980	133.4	20.9	21	SM400A				
1	HSTF	PL	160* 17	911	133.4	19.4	19	SM400A				
1	HSTF	PL	160* 17	1027	133.4	21.9	22	SM400A				
1	HSTF	PL	160* 17	319	133.4	6.81	7	SM400A				
1	LFLG	PL	1864* 52	6218	408.2	4400	4400	SM520C-H	93			
1	LRIB	PL	200* 22	2715	172.7	93.8	94	SM490YB				
1	LRIB	PL	200* 22	2716	172.7	93.8	94	SM490YB				
3	LRIB	PL	200* 22	6195	172.7	214	642	SM490YB				
1	LRIB	PL	200* 22	2503	172.7	86.5	86	SM490YB				
1	LRIB	PL	200* 22	2504	172.7	86.5	86	SM490YB				
1	SOLE	PL	1100* 50	970	392.5	398	398	SM490C	95			
1	MIZUNUKI	FB	50* 6	250	2.360	0.59	1	SS400				
2	MIZUNUKI	FB	50* 6	246	2.360	0.581	1	SS400				
1	MIZUNUKI	FB	50* 6	252	2.360	0.595	1	SS400				
1	MIZUNUKI	FB	50* 6	259	2.360	0.611	1	SS400				
1	MIZUNUKI	FB	50* 6	262	2.360	0.618	1	SS400				
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70			
2	FLG	PL	100* 10	1721	78.50	13.5	27	SM400A				
2	WEB	PL	400* 9	1721	70.65	48.6	97	SM400A				
							J19-J20				11391 kg	

APPROACH BRIDGE GIRDER G1 J20-J21										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	3064* 17	6548	133.4	2676	2676	SM490YB		
6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A		
6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A		
2	VSTF	PL	240* 19	3117	149.2	112	224	SM400A		
1	VSTF	PL	240* 19	3117	149.2	112	112	SM400A		
1	HSTF	PL	160* 17	270	133.4	5.76	6	SM400A		
1	HSTF	PL	160* 17	673	133.4	14.4	14	SM400A		
1	HSTF	PL	160* 17	1033	133.4	22.1	22	SM400A		
2	HSTF	PL	160* 17	1028	133.4	21.9	44	SM400A		

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1	HSTF	PL	160* 17	1033	133.4	22.1	22	SM400A			
1	HSTF	PL	160* 17	220	133.4	4.70	5	SM400A			
1	RWEB	PL	2730* 17	6541	133.4	2383	2383	SM490YB			
4	HANGER	PL	90* 9	150	70.65	0.954	4	SM400A			
4	HANGER	PL	90* 9	150	70.65	0.954	4	SM400A			
2	VSTF	PL	240* 19	2650	149.2	94.9	190	SM400A			
1	VSTF	PL	240* 19	2650	149.2	94.9	95	SM400A			
1	HSTF	PL	160* 17	258	133.4	5.51	6	SM400A			
1	HSTF	PL	160* 17	672	133.4	14.3	14	SM400A			
1	HSTF	PL	160* 17	1032	133.4	22.0	22	SM400A			
2	HSTF	PL	160* 17	1027	133.4	21.9	44	SM400A			
1	HSTF	PL	160* 17	911	133.4	19.4	19	SM400A			
1	LFLG	PL	1743* 38	6522	298.3	3392	3392	SM490YB			
5	LRIB	PL	200* 22	6499	172.7	225	1125	SM490YB			
1	MIZUNUKI	FB	50* 6	250	2.360	0.59	1	SS400			
2	MIZUNUKI	FB	50* 6	246	2.360	0.581	1	SS400			
1	MIZUNUKI	FB	50* 6	252	2.360	0.595	1	SS400			
1	MIZUNUKI	FB	50* 6	259	2.360	0.611	1	SS400			
1	MIZUNUKI	FB	50* 6	262	2.360	0.618	1	SS400			
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70		
J20-J21											
								10441 kg			

APPROACH BRIDGE GIRDER G1 J21-J22										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	3064* 15	7102	117.8	2563	2563	SM490YA		
6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A		
6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A		
1	VSTF	PL	240* 19	3117	149.2	112	112	SM400A		
2	VSTF	PL	240* 19	3117	149.2	112	224	SM400A		
1	HSTF	PL	160* 17	215	133.4	4.59	5	SM400A		
2	HSTF	PL	160* 17	1091	133.4	23.3	47	SM400A		
2	HSTF	PL	160* 17	1096	133.4	23.4	47	SM400A		
1	HSTF	PL	160* 17	1091	133.4	23.3	23	SM400A		
1	HSTF	PL	160* 17	215	133.4	4.59	5	SM400A		
1	RWEB	PL	2730* 15	7095	117.8	2282	2282	SM490YA		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
1	VSTF	PL	240* 19	2650	149.2	94.9	95	SM400A		
2	VSTF	PL	240* 19	2650	149.2	94.9	190	SM400A		
1	HSTF	PL	160* 17	215	133.4	4.59	5	SM400A		
2	HSTF	PL	160* 17	1090	133.4	23.3	47	SM400A		
2	HSTF	PL	160* 17	1095	133.4	23.4	47	SM400A		

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1	HSTF	PL	160* 17	1090	133.4	23.3	23	SM400A		
1	HSTF	PL	160* 17	215	133.4	4.59	5	SM400A		
1	LFLG	PL	1743* 19	7077	149.2	1841	1841	SM490YB		
5	LRIB	PL	200* 22	7054	172.7	244	1220	SM490YB		
1	MIZUNUKI	FB	50* 6	250	2.360	0.59	1	SS400		
2	MIZUNUKI	FB	50* 6	246	2.360	0.581	1	SS400		
1	MIZUNUKI	FB	50* 6	252	2.360	0.595	1	SS400		
1	MIZUNUKI	FB	50* 6	259	2.360	0.611	1	SS400		
1	MIZUNUKI	FB	50* 6	262	2.360	0.618	1	SS400		
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70	
J21-J22								8809 kg		

APPROACH BRIDGE GIRDER G1 J22-J23										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	3065* 15	8280	117.8	2990	2990	SM490YA		
7	HANGER	PL	90* 9	150	70.65	0.954	7	SM400A		
7	HANGER	PL	90* 9	150	70.65	0.954	7	SM400A		
2	VSTF	PL	240* 19	3117	149.2	112	224	SM400A		
2	VSTF	PL	240* 19	2947	149.2	106	212	SM400A		
6	HSTF	PL	160* 17	1096	133.4	23.4	140	SM400A		
1	HSTF	PL	160* 17	216	133.4	4.61	5	SM400A		
1	HSTF	PL	160* 17	215	133.4	4.59	5	SM400A		
2	HSTF	PL	160* 17	1096	133.4	23.4	47	SM400A		
1	HSTF	PL	160* 17	1091	133.4	23.3	23	SM400A		
1	RWEB	PL	2730* 15	8272	117.8	2660	2660	SM490YA		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
2	VSTF	PL	240* 19	2650	149.2	94.9	190	SM400A		
2	VSTF	PL	240* 19	2615	149.2	93.6	187	SM400A		
6	HSTF	PL	160* 17	1095	133.4	23.4	140	SM400A		
1	HSTF	PL	160* 17	215	133.4	4.59	5	SM400A		
1	HSTF	PL	160* 17	215	133.4	4.59	5	SM400A		
2	HSTF	PL	160* 17	974	133.4	20.8	42	SM400A		
1	HSTF	PL	160* 17	1090	133.4	23.3	23	SM400A		
1	LFLG	PL	1744* 15	8257	117.8	1696	1696	SM490YA		
2	LRIB	PL	170* 17	8233	133.4	187	374	SM490YB		
3	LRIB	PL	170* 17	6435	133.4	146	438	SM490YB		
1	MIZUNUKI	FB	50* 6	250	2.360	0.59	1	SS400		
2	MIZUNUKI	FB	50* 6	246	2.360	0.581	1	SS400		
1	MIZUNUKI	FB	50* 6	252	2.360	0.595	1	SS400		
1	MIZUNUKI	FB	50* 6	259	2.360	0.611	1	SS400		
1	MIZUNUKI	FB	50* 6	262	2.360	0.618	1	SS400		

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1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70	
J22-J23							9436 kg			

APPROACH BRIDGE GIRDER G1 J23-J24										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	3065* 15	8279	117.8	2990	2990	SM490YA		
7	HANGER	PL	90* 9	150	70.65	0.954	7	SM400A		
7	HANGER	PL	90* 9	150	70.65	0.954	7	SM400A		
2	VSTF	PL	240* 19	2947	149.2	106	212	SM400A		
1	VSTF	PL	240* 19	2947	149.2	106	106	SM400A		
1	HSTF	PL	160* 17	221	133.4	4.72	5	SM400A		
6	HSTF	PL	160* 17	1096	133.4	23.4	140	SM400A		
1	RWEB	PL	2730* 15	8270	117.8	2660	2660	SM490YA		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
2	VSTF	PL	240* 19	2615	149.2	93.6	187	SM400A		
1	VSTF	PL	240* 19	2615	149.2	93.6	94	SM400A		
1	HSTF	PL	160* 17	220	133.4	4.70	5	SM400A		
6	HSTF	PL	160* 17	1095	133.4	23.4	140	SM400A		
1	LFLG	PL	1744* 29	8257	227.6	3277	3277	SM490YB		
2	LRIB	PL	200* 22	8233	172.7	284	568	SM490YB		
2	MIZUNUKI	FB	50* 6	524	2.360	1.24	2	SS400		
1	MIZUNUKI	FB	50* 6	520	2.360	1.23	1	SS400		
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70	
J23-J24							10412 kg			

APPROACH BRIDGE GIRDER G1 J24-J25										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	3065* 17	8197	133.4	3351	3351	SM570		
7	HANGER	PL	90* 9	150	70.65	0.954	7	SM400A		
7	HANGER	PL	90* 9	150	70.65	0.954	7	SM400A		
1	VSTF	PL	240* 19	2947	149.2	106	106	SM400A		
2	VSTF	PL	240* 19	2947	149.2	106	212	SM400A		
1	VSTF	PL	240* 19	2947	149.2	106	106	SM400A		
5	HSTF	PL	160* 17	1096	133.4	23.4	117	SM400A		
1	HSTF	PL	160* 17	1025	133.4	21.9	22	SM400A		
1	RWEB	PL	2730* 17	8188	133.4	2981	2981	SM570		
6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A		
6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A		
1	VSTF	PL	240* 19	2615	149.2	93.6	94	SM400A		

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2	VSTF	PL	240* 19	2615	149.2	93.6	187	SM400A		
1	VSTF	PL	240* 19	2615	149.2	93.6	94	SM400A		
5	HSTF	PL	160* 17	1095	133.4	23.4	117	SM400A		
1	HSTF	PL	160* 17	1025	133.4	21.9	22	SM400A		
1	LFLG	PL	1744* 32	8176	251.2	3582	3582	SM570		
2	LRIB	PL	200* 22	8153	172.7	282	564	SM570		
2	MIZUNUKI	FB	50* 6	524	2.360	1.24	2	SS400		
1	MIZUNUKI	FB	50* 6	520	2.360	1.23	1	SS400		
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70	
J24-J25										11585 kg

APPROACH BRIDGE GIRDER G1 J25-J26										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	3070* 17	8484	133.4	3475	3475	SM570		
7	HANGER	PL	90* 9	150	70.65	0.954	7	SM400A		
7	HANGER	PL	90* 9	150	70.65	0.954	7	SM400A		
1	VSTF	PL	240* 19	2947	149.2	106	106	SM400A		
1	VSTF	PL	240* 19	2947	149.2	106	106	SM400A		
1	VSTF	PL	240* 19	2948	149.2	106	106	SM400A		
1	HSTF	PL	160* 17	151	133.4	3.22	3	SM400A		
2	HSTF	PL	160* 17	1096	133.4	23.4	47	SM400A		
1	HSTF	PL	160* 17	1140	133.4	24.3	24	SM400A		
1	HSTF	PL	160* 17	1137	133.4	24.3	24	SM400A		
2	HSTF	PL	160* 17	1064	133.4	22.7	45	SM400A		
1	HSTF	PL	160* 17	182	133.4	3.88	4	SM400A		
1	RWEB	PL	2730* 17	8478	133.4	3087	3087	SM570		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
1	VSTF	PL	240* 19	2615	149.2	93.6	94	SM400A		
2	VSTF	PL	240* 19	2615	149.2	93.6	187	SM400A		
1	HSTF	PL	160* 17	150	133.4	3.20	3	SM400A		
1	HSTF	PL	160* 17	1095	133.4	23.4	23	SM400A		
1	HSTF	PL	160* 17	1094	133.4	23.3	23	SM400A		
2	HSTF	PL	160* 17	1121	133.4	23.9	48	SM400A		
2	HSTF	PL	160* 17	1075	133.4	22.9	46	SM400A		
1	HSTF	PL	160* 17	189	133.4	4.03	4	SM400A		
1	LFLG	PL	1755* 41	8469	321.8	4782	4782	SM570-H		
2	LRIB	PL	200* 22	8445	172.7	292	584	SM570		
2	MIZUNUKI	FB	50* 6	524	2.360	1.24	2	SS400		
1	MIZUNUKI	FB	50* 6	520	2.360	1.23	1	SS400		
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70	

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J25-J26	12849 kg
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APPROACH BRIDGE GIRDER G1 J26-J27										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	3069* 17	7849	133.4	3214	3214	SM570		
7	HANGER	PL	90* 9	150	70.65	0.954	7	SM400A		
7	HANGER	PL	90* 9	150	70.65	0.954	7	SM400A		
2	VSTF	PL	240* 19	2947	149.2	106	212	SM400A		
2	VSTF	PL	240* 19	2947	149.2	106	212	SM400A		
1	HSTF	PL	160* 17	180	133.4	3.84	4	SM400A		
1	HSTF	PL	160* 17	808	133.4	17.2	17	SM400A		
2	HSTF	PL	160* 17	1064	133.4	22.7	45	SM400A		
2	HSTF	PL	160* 17	1089	133.4	23.2	46	SM400A		
1	HSTF	PL	160* 17	727	133.4	15.5	16	SM400A		
1	HSTF	PL	160* 17	248	133.4	5.29	5	SM400A		
1	RWEB	PL	2730* 17	7876	133.4	2868	2868	SM570		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
2	VSTF	PL	240* 19	2615	149.2	93.6	187	SM400A		
2	VSTF	PL	240* 19	2615	149.2	93.6	187	SM400A		
1	HSTF	PL	160* 17	186	133.4	3.97	4	SM400A		
1	HSTF	PL	160* 17	815	133.4	17.4	17	SM400A		
2	HSTF	PL	160* 17	1075	133.4	22.9	46	SM400A		
2	HSTF	PL	160* 17	1090	133.4	23.3	47	SM400A		
1	HSTF	PL	160* 17	722	133.4	15.4	15	SM400A		
1	HSTF	PL	160* 17	254	133.4	5.42	5	SM400A		
1	LFLG	PL	1756* 44	7862	345.4	4770	4770	SM570-H		
2	LRIB	PL	200* 22	7831	172.7	270	540	SM570		
2	MIZUNUKI	FB	50* 6	524	2.360	1.24	2	SS400		
1	MIZUNUKI	FB	50* 6	520	2.360	1.23	1	SS400		
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70	
J26-J27							12485 kg			

APPROACH BRIDGE GIRDER G1 J27-J28										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	3062* 17	7131	133.4	2913	2913	SM570		
6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A		
6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A		
2	VSTF	PL	240* 19	2947	149.2	106	212	SM400A		
1	VSTF	PL	240* 19	2947	149.2	106	106	SM400A		
1	HSTF	PL	160* 17	249	133.4	5.31	5	SM400A		

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4	HSTF	PL	160* 17	1092	133.4	23.3	93	SM400A			
1	HSTF	PL	160* 17	852	133.4	18.2	18	SM400A			
1	HSTF	PL	160* 17	184	133.4	3.93	4	SM400A			
1	RWEB	PL	2730* 17	7131	133.4	2597	2597	SM570			
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A			
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A			
2	VSTF	PL	240* 19	2615	149.2	93.6	187	SM400A			
1	VSTF	PL	240* 19	2615	149.2	93.6	94	SM400A			
1	HSTF	PL	160* 17	249	133.4	5.31	5	SM400A			
4	HSTF	PL	160* 17	1092	133.4	23.3	93	SM400A			
1	HSTF	PL	160* 17	852	133.4	18.2	18	SM400A			
1	HSTF	PL	160* 17	184	133.4	3.93	4	SM400A			
1	LFLG	PL	1740* 44	7118	345.4	4280	4280	SM570-H			
2	LRIB	PL	200* 22	7098	172.7	245	490	SM570			
2	MIZUNUKI	FB	50* 6	524	2.360	1.24	2	SS400			
1	MIZUNUKI	FB	50* 6	520	2.360	1.23	1	SS400			
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70		
J27-J28											
							11145 kg				

APPROACH BRIDGE GIRDER G1 J28-J29										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	3062* 17	7111	133.4	2904	2904	SM570		
6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A		
6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A		
1	VSTF	PL	240* 19	2947	149.2	106	106	SM400A		
2	VSTF	PL	240* 19	2947	149.2	106	212	SM400A		
1	HSTF	PL	160* 17	189	133.4	4.03	4	SM400A		
2	HSTF	PL	160* 17	1092	133.4	23.3	47	SM400A		
2	HSTF	PL	160* 17	1093	133.4	23.3	47	SM400A		
1	HSTF	PL	160* 17	952	133.4	20.3	20	SM400A		
1	RWEB	PL	2730* 17	7111	133.4	2589	2589	SM570		
4	HANGER	PL	90* 9	150	70.65	0.954	4	SM400A		
4	HANGER	PL	90* 9	150	70.65	0.954	4	SM400A		
1	VSTF	PL	240* 19	2615	149.2	93.6	94	SM400A		
2	VSTF	PL	240* 19	2615	149.2	93.6	187	SM400A		
1	HSTF	PL	160* 17	189	133.4	4.03	4	SM400A		
2	HSTF	PL	160* 17	1092	133.4	23.3	47	SM400A		
2	HSTF	PL	160* 17	1093	133.4	23.3	47	SM400A		
1	HSTF	PL	160* 17	953	133.4	20.3	20	SM400A		
1	LFLG	PL	1740* 44	7099	345.4	4266	4266	SM570-H		
2	LRIB	PL	200* 22	7079	172.7	245	490	SM570		
2	MIZUNUKI	FB	50* 6	524	2.360	1.24	2	SS400		

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1	MIZUNUKI	FB	50* 6	520	2.360	1.23	1	SS400		
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70	
J28-J29							11108 kg			

APPROACH BRIDGE GIRDER G1 J29-J30										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	3062* 17	8407	133.4	3434	3434	SM570		
7	HANGER	PL	90* 9	150	70.65	0.954	7	SM400A		
7	HANGER	PL	90* 9	150	70.65	0.954	7	SM400A		
2	VSTF	PL	240* 19	2947	149.2	106	212	SM400A		
1	VSTF	PL	240* 19	2947	149.2	106	106	SM400A		
6	HSTF	PL	160* 17	1093	133.4	23.3	140	SM400A		
1	RWEB	PL	2730* 17	8408	133.4	3062	3062	SM570		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
2	VSTF	PL	240* 19	2615	149.2	93.6	187	SM400A		
1	VSTF	PL	240* 19	2615	149.2	93.6	94	SM400A		
6	HSTF	PL	160* 17	1093	133.4	23.3	140	SM400A		
1	LFLG	PL	1740* 38	8397	298.3	4358	4358	SM570		
2	LRIB	PL	200* 22	8377	172.7	289	578	SM570		
2	MIZUNUKI	FB	50* 6	524	2.360	1.24	2	SS400		
1	MIZUNUKI	FB	50* 6	520	2.360	1.23	1	SS400		
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70	
J29-J30							12339 kg			

APPROACH BRIDGE GIRDER G1 J30-J31										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	3062* 17	8168	133.4	3336	3336	SM570		
7	HANGER	PL	90* 9	150	70.65	0.954	7	SM400A		
7	HANGER	PL	90* 9	150	70.65	0.954	7	SM400A		
1	VSTF	PL	240* 19	2947	149.2	106	106	SM400A		
2	VSTF	PL	240* 19	2947	149.2	106	212	SM400A		
1	VSTF	PL	240* 19	2947	149.2	106	106	SM400A		
6	HSTF	PL	160* 17	1093	133.4	23.3	140	SM400A		
1	HSTF	PL	160* 17	214	133.4	4.57	5	SM400A		
1	RWEB	PL	2731* 17	8168	133.4	2976	2976	SM570		
6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A		
6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A		
1	VSTF	PL	240* 19	2615	149.2	93.6	94	SM400A		
2	VSTF	PL	240* 19	2615	149.2	93.6	187	SM400A		

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1	VSTF	PL	240* 19	2615	149.2	93.6	94	SM400A		
6	HSTF	PL	160* 17	1093	133.4	23.3	140	SM400A		
1	HSTF	PL	160* 17	214	133.4	4.57	5	SM400A		
1	LFLG	PL	1740* 27	8159	212.0	3010	3010	SM570		
2	LRIB	PL	200* 22	8139	172.7	281	562	SM570		
2	MIZUNUKI	FB	50* 6	524	2.360	1.24	2	SS400		
1	MIZUNUKI	FB	50* 6	520	2.360	1.23	1	SS400		
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70	
J30-J31							11003 kg			

APPROACH BRIDGE GIRDER G1 J31-J32										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	3091* 15	8369	117.8	3047	3047	SM490YA		
7	HANGER	PL	90* 9	150	70.65	0.954	7	SM400A		
7	HANGER	PL	90* 9	150	70.65	0.954	7	SM400A		
1	VSTF	PL	240* 19	2947	149.2	106	106	SM400A		
2	VSTF	PL	240* 19	2947	149.2	106	212	SM400A		
1	HSTF	PL	160* 17	219	133.4	4.67	5	SM400A		
1	HSTF	PL	160* 17	1108	133.4	23.7	24	SM400A		
1	HSTF	PL	160* 17	1107	133.4	23.6	24	SM400A		
1	HSTF	PL	160* 17	1120	133.4	23.9	24	SM400A		
1	HSTF	PL	160* 17	1121	133.4	23.9	24	SM400A		
2	HSTF	PL	160* 17	1108	133.4	23.7	47	SM400A		
1	HSTF	PL	160* 17	230	133.4	4.91	5	SM400A		
1	RWEB	PL	2730* 15	8312	117.8	2673	2673	SM490YA		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
1	VSTF	PL	240* 19	2615	149.2	93.6	94	SM400A		
2	VSTF	PL	240* 19	2615	149.2	93.6	187	SM400A		
1	HSTF	PL	160* 17	219	133.4	4.67	5	SM400A		
1	HSTF	PL	160* 17	1102	133.4	23.5	24	SM400A		
1	HSTF	PL	160* 17	1102	133.4	23.5	24	SM400A		
1	HSTF	PL	160* 17	1110	133.4	23.7	24	SM400A		
1	HSTF	PL	160* 17	1110	133.4	23.7	24	SM400A		
1	HSTF	PL	160* 17	1097	133.4	23.4	23	SM400A		
1	HSTF	PL	160* 17	1097	133.4	23.4	23	SM400A		
1	HSTF	PL	160* 17	224	133.4	4.78	5	SM400A		
1	LFLG	PL	1766* 24	8339	188.4	2775	2775	SM490YB		
2	LRIB	PL	200* 22	8301	172.7	287	574	SM490YB		
2	MIZUNUKI	FB	50* 6	524	2.360	1.24	2	SS400		
1	MIZUNUKI	FB	50* 6	520	2.360	1.23	1	SS400		
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70	

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J31-J32	10001 kg
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APPROACH BRIDGE GIRDER G1 J32-GE2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	3121* 15	7676	117.8	2822	2822	SM490YA		
6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A		
6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A		
2	VSTF	PL	240* 19	2947	149.2	106	212	SM400A		
1	VSTF	PL	240* 19	2947	149.2	106	106	SM400A		
1	HSTF	PL	160* 17	257	133.4	5.49	5	SM400A		
1	HSTF	PL	160* 17	1144	133.4	24.4	24	SM400A		
3	HSTF	PL	160* 17	1079	133.4	23.0	69	SM400A		
1	HSTF	PL	160* 17	1072	133.4	22.9	23	SM400A		
1	RWEB	PL	2730* 15	7472	117.8	2403	2403	SM490YA		
4	HANGER	PL	90* 9	150	70.65	0.954	4	SM400A		
4	HANGER	PL	90* 9	150	70.65	0.954	4	SM400A		
2	VSTF	PL	240* 19	2615	149.2	93.6	187	SM400A		
1	VSTF	PL	240* 19	2615	149.2	93.6	94	SM400A		
1	HSTF	PL	160* 17	235	133.4	5.02	5	SM400A		
1	HSTF	PL	160* 17	1120	133.4	23.9	24	SM400A		
3	HSTF	PL	160* 17	1079	133.4	23.0	69	SM400A		
1	HSTF	PL	160* 17	1072	133.4	22.9	23	SM400A		
1	LFLG	PL	1890* 12	7490	94.20	1241	1241	SM490YA	93	
1	LRIB	PL	170* 17	5980	133.4	136	136	SM490YB		
1	LRIB	PL	170* 17	7469	133.4	169	169	SM490YB		
1	LRIB	PL	170* 17	499	133.4	11.3	11	SM490YB		
1	SOLE	PL	1130* 41	970	321.8	335	335	SM490C	95	
2	MIZUNUKI	FB	50* 6	524	2.360	1.24	2	SS400		
1	MIZUNUKI	FB	50* 6	520	2.360	1.23	1	SS400		
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70	
2	FLG	PL	100* 13	1721	102.0	17.6	35	SM400A		
2	WEB	PL	400* 13	1721	102.0	70.2	140	SM400A		
J32-GE2							8157 kg			
G1							328842 kg			

APPROACH BRIDGE GIRDER G2 GE1-J1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	2673* 14	8431	109.9	2477	2477	SM490YA		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		

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5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A			
1	VSTF	PL	190* 15	2562	117.8	57.3	57	SM400A			
2	VSTF	PL	190* 15	2562	117.8	57.3	115	SM400A			
1	HSTF	PL	140* 11	1081	86.35	13.1	13	SM400A			
1	HSTF	PL	140* 11	1085	86.35	13.1	13	SM400A			
4	HSTF	PL	140* 11	1083	86.35	13.1	52	SM400A			
1	HSTF	PL	140* 11	288	86.35	3.48	3	SM400A			
1	RWEB	PL	2727* 14	8421	109.9	2523	2523	SM490YA			
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A			
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A			
1	VSTF	PL	190* 15	2612	117.8	58.5	58	SM400A			
2	VSTF	PL	190* 15	2612	117.8	58.5	117	SM400A			
1	HSTF	PL	140* 11	1079	86.35	13.0	13	SM400A			
5	HSTF	PL	140* 11	1082	86.35	13.1	66	SM400A			
1	HSTF	PL	140* 11	287	86.35	3.47	3	SM400A			
1	LFLG	PL	2944* 10	8377	78.50	1936	1936	SM490YA			
3	LRIB	PL	170* 17	8351	133.4	189	567	SM490YB			
1	SOLE	PL	1130* 52	1020	408.2	447	447	SM490C	95		
1	MIZUNUKI	FB	50* 6	672	2.360	1.59	2	SS400			
1	MIZUNUKI	FB	50* 6	668	2.360	1.58	2	SS400			
1	MIZUNUKI	FB	50* 6	677	2.360	1.60	2	SS400			
1	MIZUNUKI	FB	50* 6	690	2.360	1.63	2	SS400			
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70		
2	FLG	PL	200* 22	2690	172.7	92.9	186	SM400A			
2	WEB	PL	400* 22	2690	172.7	186	372	SM400A			
GE1-J1											
								9047 kg			

APPROACH BRIDGE GIRDER G2 J1-J2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	2673* 14	8348	109.9	2452	2452	SM490YA		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
2	VSTF	PL	190* 15	2562	117.8	57.3	115	SM400A		
2	VSTF	PL	190* 15	2562	117.8	57.3	115	SM400A		
1	HSTF	PL	140* 11	285	86.35	3.45	3	SM400A		
1	HSTF	PL	140* 11	1083	86.35	13.1	13	SM400A		
5	HSTF	PL	140* 11	1108	86.35	13.4	67	SM400A		
1	HSTF	PL	140* 11	223	86.35	2.70	3	SM400A		
1	RWEB	PL	2727* 14	8338	109.9	2499	2499	SM490YA		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
2	VSTF	PL	190* 15	2612	117.8	58.5	117	SM400A		

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2	VSTF	PL	190* 15	2612	117.8	58.5	117	SM400A		
1	HSTF	PL	140* 11	284	86.35	3.43	3	SM400A		
1	HSTF	PL	140* 11	1082	86.35	13.1	13	SM400A		
5	HSTF	PL	140* 11	1107	86.35	13.4	67	SM400A		
1	HSTF	PL	140* 11	222	86.35	2.68	3	SM400A		
1	LFLG	PL	2944* 10	8295	78.50	1917	1917	SM490YA		
3	LRIB	PL	170* 17	8269	133.4	188	564	SM490YB		
1	MIZUNUKI	FB	50* 6	672	2.360	1.59	2	SS400		
1	MIZUNUKI	FB	50* 6	668	2.360	1.58	2	SS400		
1	MIZUNUKI	FB	50* 6	677	2.360	1.60	2	SS400		
1	MIZUNUKI	FB	50* 6	690	2.360	1.63	2	SS400		
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70	
J1-J2										8097 kg

APPROACH BRIDGE GIRDER G2 J2-J3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	2672* 14	8384	109.9	2462	2462	SM490YA		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
2	VSTF	PL	190* 15	2562	117.8	57.3	115	SM400A		
1	VSTF	PL	190* 15	2562	117.8	57.3	57	SM400A		
1	HSTF	PL	140* 11	226	86.35	2.73	3	SM400A		
6	HSTF	PL	140* 11	1108	86.35	13.4	80	SM400A		
1	HSTF	PL	140* 11	226	86.35	2.73	3	SM400A		
1	RWEB	PL	2726* 14	8374	109.9	2509	2509	SM490YA		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
2	VSTF	PL	190* 15	2612	117.8	58.5	117	SM400A		
1	VSTF	PL	190* 15	2612	117.8	58.5	58	SM400A		
1	HSTF	PL	140* 11	225	86.35	2.72	3	SM400A		
6	HSTF	PL	140* 11	1107	86.35	13.4	80	SM400A		
1	HSTF	PL	140* 11	225	86.35	2.72	3	SM400A		
1	LFLG	PL	2944* 16	8333	125.6	3081	3081	SM490YA		
3	LRIB	PL	170* 17	8307	133.4	188	564	SM490YB		
1	MIZUNUKI	FB	50* 6	672	2.360	1.59	2	SS400		
1	MIZUNUKI	FB	50* 6	668	2.360	1.58	2	SS400		
1	MIZUNUKI	FB	50* 6	677	2.360	1.60	2	SS400		
1	MIZUNUKI	FB	50* 6	690	2.360	1.63	2	SS400		
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70	
J2-J3										9164 kg

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APPROACH BRIDGE GIRDER G2 J3-J4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	2672* 14	8332	109.9	2446	2446	SM490YA		
6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A		
6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A		
1	VSTF	PL	190* 15	2562	117.8	57.3	57	SM400A		
2	VSTF	PL	190* 15	2562	117.8	57.3	115	SM400A		
1	VSTF	PL	190* 15	2562	117.8	57.3	57	SM400A		
1	HSTF	PL	140* 11	223	86.35	2.70	3	SM400A		
6	HSTF	PL	140* 11	1108	86.35	13.4	80	SM400A		
1	HSTF	PL	140* 11	173	86.35	2.09	2	SM400A		
1	RWEB	PL	2726* 14	8322	109.9	2494	2494	SM490YA		
6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A		
6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A		
1	VSTF	PL	190* 15	2612	117.8	58.5	58	SM400A		
2	VSTF	PL	190* 15	2612	117.8	58.5	117	SM400A		
1	VSTF	PL	190* 15	2612	117.8	58.5	58	SM400A		
1	HSTF	PL	140* 11	222	86.35	2.68	3	SM400A		
6	HSTF	PL	140* 11	1107	86.35	13.4	80	SM400A		
1	HSTF	PL	140* 11	172	86.35	2.08	2	SM400A		
1	LFLG	PL	2944* 16	8282	125.6	3062	3062	SM490YA		
3	LRIB	PL	170* 17	8256	133.4	187	561	SM490YB		
1	MIZUNUKI	FB	50* 6	672	2.360	1.59	2	SS400		
1	MIZUNUKI	FB	50* 6	668	2.360	1.58	2	SS400		
1	MIZUNUKI	FB	50* 6	677	2.360	1.60	2	SS400		
1	MIZUNUKI	FB	50* 6	690	2.360	1.63	2	SS400		
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70	
J3-J4							9228 kg			

APPROACH BRIDGE GIRDER G2 J4-J5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	2672* 14	8430	109.9	2475	2475	SM490YA		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
1	VSTF	PL	190* 15	2562	117.8	57.3	57	SM400A		
2	VSTF	PL	190* 15	2562	117.8	57.3	115	SM400A		
1	HSTF	PL	140* 11	276	86.35	3.34	3	SM400A		
6	HSTF	PL	140* 11	1108	86.35	13.4	80	SM400A		
1	HSTF	PL	140* 11	226	86.35	2.73	3	SM400A		
1	RWEB	PL	2726* 14	8420	109.9	2522	2522	SM490YA		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		

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5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
1	VSTF	PL	190* 15	2612	117.8	58.5	58	SM400A		
2	VSTF	PL	190* 15	2612	117.8	58.5	117	SM400A		
1	HSTF	PL	140* 11	275	86.35	3.32	3	SM400A		
6	HSTF	PL	140* 11	1107	86.35	13.4	80	SM400A		
1	HSTF	PL	140* 11	225	86.35	2.72	3	SM400A		
1	LFLG	PL	2944* 16	8382	125.6	3100	3100	SM490YA		
3	LRIB	PL	170* 17	8356	133.4	190	570	SM490YB		
1	MIZUNUKI	FB	50* 6	672	2.360	1.59	2	SS400		
1	MIZUNUKI	FB	50* 6	668	2.360	1.58	2	SS400		
1	MIZUNUKI	FB	50* 6	677	2.360	1.60	2	SS400		
1	MIZUNUKI	FB	50* 6	690	2.360	1.63	2	SS400		
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70	
J4-J5										
								9215 kg		

APPROACH BRIDGE GIRDER G2 J5-J6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	2672* 14	8379	109.9	2461	2461	SM490YA		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
2	VSTF	PL	190* 15	2562	117.8	57.3	115	SM400A		
2	VSTF	PL	190* 15	2562	117.8	57.3	115	SM400A		
1	HSTF	PL	140* 11	223	86.35	2.70	3	SM400A		
6	HSTF	PL	140* 11	1108	86.35	13.4	80	SM400A		
1	HSTF	PL	140* 11	223	86.35	2.70	3	SM400A		
1	RWEB	PL	2726* 14	8368	109.9	2507	2507	SM490YA		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
2	VSTF	PL	190* 15	2612	117.8	58.5	117	SM400A		
2	VSTF	PL	190* 15	2612	117.8	58.5	117	SM400A		
1	HSTF	PL	140* 11	222	86.35	2.68	3	SM400A		
6	HSTF	PL	140* 11	1107	86.35	13.4	80	SM400A		
1	HSTF	PL	140* 11	222	86.35	2.68	3	SM400A		
1	LFLG	PL	2944* 16	8332	125.6	3081	3081	SM490YA		
3	LRIB	PL	170* 17	8306	133.4	188	564	SM490YB		
1	MIZUNUKI	FB	50* 6	672	2.360	1.59	2	SS400		
1	MIZUNUKI	FB	50* 6	668	2.360	1.58	2	SS400		
1	MIZUNUKI	FB	50* 6	677	2.360	1.60	2	SS400		
1	MIZUNUKI	FB	50* 6	690	2.360	1.63	2	SS400		
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70	
J5-J6										
								9278 kg		

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APPROACH BRIDGE GIRDER G2 J6-J7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	2673* 14	8377	109.9	2461	2461	SM490YA		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
2	VSTF	PL	190* 15	2562	117.8	57.3	115	SM400A		
1	VSTF	PL	190* 15	2562	117.8	57.3	57	SM400A		
1	HSTF	PL	140* 11	226	86.35	2.73	3	SM400A		
6	HSTF	PL	140* 11	1108	86.35	13.4	80	SM400A		
1	HSTF	PL	140* 11	301	86.35	3.64	4	SM400A		
1	RWEB	PL	2727* 14	8367	109.9	2508	2508	SM490YA		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
2	VSTF	PL	190* 15	2612	117.8	58.5	117	SM400A		
1	VSTF	PL	190* 15	2612	117.8	58.5	58	SM400A		
1	HSTF	PL	140* 11	225	86.35	2.72	3	SM400A		
6	HSTF	PL	140* 11	1107	86.35	13.4	80	SM400A		
1	HSTF	PL	140* 11	300	86.35	3.63	4	SM400A		
1	LFLG	PL	2944* 10	8332	78.50	1926	1926	SM490YA		
3	LRIB	PL	170* 17	8306	133.4	188	564	SM490YB		
4	LRIB	PL	170* 17	545	133.4	12.4	50	SM490YB		
1	MIZUNUKI	FB	50* 6	672	2.360	1.59	2	SS400		
1	MIZUNUKI	FB	50* 6	668	2.360	1.58	2	SS400		
1	MIZUNUKI	FB	50* 6	677	2.360	1.60	2	SS400		
1	MIZUNUKI	FB	50* 6	690	2.360	1.63	2	SS400		
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70	
J6-J7							8059 kg			

APPROACH BRIDGE GIRDER G2 J7-J8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	2673* 14	8375	109.9	2461	2461	SM490YA		
6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A		
6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A		
1	VSTF	PL	190* 15	2562	117.8	57.3	57	SM400A		
2	VSTF	PL	190* 15	2597	117.8	58.1	116	SM400A		
1	VSTF	PL	190* 15	2597	117.8	58.1	58	SM400A		
1	HSTF	PL	140* 11	298	86.35	3.60	4	SM400A		
4	HSTF	PL	140* 11	1108	86.35	13.4	54	SM400A		
1	HSTF	PL	140* 11	1105	86.35	13.4	13	SM400A		
2	HSTF	PL	140* 11	1108	86.35	13.4	27	SM400A		

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2	HSTF	PL	140* 11	1105	86.35	13.4	27	SM400A		
1	HSTF	PL	140* 11	298	86.35	3.60	4	SM400A		
1	RWEB	PL	2727* 14	8365	109.9	2507	2507	SM490YA		
6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A		
6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A		
1	VSTF	PL	190* 15	2612	117.8	58.5	58	SM400A		
2	VSTF	PL	190* 15	2647	117.8	59.2	118	SM400A		
1	VSTF	PL	190* 15	2647	117.8	59.2	59	SM400A		
1	HSTF	PL	140* 11	297	86.35	3.59	4	SM400A		
4	HSTF	PL	140* 11	1107	86.35	13.4	54	SM400A		
1	HSTF	PL	140* 11	1104	86.35	13.3	13	SM400A		
2	HSTF	PL	140* 11	1107	86.35	13.4	27	SM400A		
2	HSTF	PL	140* 11	1104	86.35	13.3	27	SM400A		
1	HSTF	PL	140* 11	297	86.35	3.59	4	SM400A		
1	LFLG	PL	2944* 10	8332	78.50	1926	1926	SM490YA		
7	LRIB	PL	170* 17	8306	133.4	188	1316	SM490YB		
1	MIZUNUKI	FB	50* 6	330	2.360	0.779	1	SS400		
3	MIZUNUKI	FB	50* 6	327	2.360	0.772	2	SS400		
1	MIZUNUKI	FB	50* 6	329	2.360	0.776	1	SS400		
2	MIZUNUKI	FB	50* 6	331	2.360	0.781	2	SS400		
1	MIZUNUKI	FB	50* 6	334	2.360	0.788	1	SS400		
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70	
J7-J8										
8966 kg										

APPROACH BRIDGE GIRDER G2 J8-J9										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	2673* 14	7045	109.9	2069	2069	SM490YA		
4	HANGER	PL	90* 9	150	70.65	0.954	4	SM400A		
4	HANGER	PL	90* 9	150	70.65	0.954	4	SM400A		
1	VSTF	PL	190* 15	2597	117.8	58.1	58	SM400A		
2	VSTF	PL	190* 15	2597	117.8	58.1	116	SM400A		
1	HSTF	PL	140* 11	884	86.35	10.7	11	SM400A		
2	HSTF	PL	140* 11	1080	86.35	13.1	26	SM400A		
2	HSTF	PL	140* 11	1083	86.35	13.1	26	SM400A		
1	HSTF	PL	140* 11	210	86.35	2.54	3	SM400A		
1	RWEB	PL	2727* 14	7037	109.9	2109	2109	SM490YA		
4	HANGER	PL	90* 9	150	70.65	0.954	4	SM400A		
4	HANGER	PL	90* 9	150	70.65	0.954	4	SM400A		
1	VSTF	PL	190* 15	2647	117.8	59.2	59	SM400A		
2	VSTF	PL	190* 15	2647	117.8	59.2	118	SM400A		
1	HSTF	PL	140* 11	883	86.35	10.7	11	SM400A		
2	HSTF	PL	140* 11	1079	86.35	13.0	26	SM400A		

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2	HSTF	PL	140* 11	1082	86.35	13.1	26	SM400A		
1	HSTF	PL	140* 11	209	86.35	2.53	3	SM400A		
1	LFLG	PL	2943* 12	7004	94.20	1941	1941	SM490YA		
7	LRIB	PL	170* 17	6979	133.4	158	1106	SM490YB		
1	MIZUNUKI	FB	50* 6	330	2.360	0.779	1	SS400		
3	MIZUNUKI	FB	50* 6	327	2.360	0.772	2	SS400		
1	MIZUNUKI	FB	50* 6	329	2.360	0.776	1	SS400		
2	MIZUNUKI	FB	50* 6	331	2.360	0.781	2	SS400		
1	MIZUNUKI	FB	50* 6	334	2.360	0.788	1	SS400		
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70	
J8-J9										7732 kg

APPROACH BRIDGE GIRDER G2 J9-J10										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	2673* 14	5913	109.9	1738	1738	SM490YA		
4	HANGER	PL	90* 9	150	70.65	0.954	4	SM400A		
4	HANGER	PL	90* 9	150	70.65	0.954	4	SM400A		
2	VSTF	PL	190* 15	2597	117.8	58.1	116	SM400A		
1	HSTF	PL	140* 11	210	86.35	2.54	3	SM400A		
1	HSTF	PL	140* 11	1080	86.35	13.1	13	SM400A		
1	HSTF	PL	140* 11	963	86.35	11.6	12	SM400A		
1	HSTF	PL	140* 11	981	86.35	11.9	12	SM400A		
1	HSTF	PL	140* 11	1099	86.35	13.3	13	SM400A		
1	HSTF	PL	140* 11	219	86.35	2.65	3	SM400A		
1	RWEB	PL	2727* 14	5906	109.9	1770	1770	SM490YA		
4	HANGER	PL	90* 9	150	70.65	0.954	4	SM400A		
4	HANGER	PL	90* 9	150	70.65	0.954	4	SM400A		
2	VSTF	PL	190* 15	2647	117.8	59.2	118	SM400A		
1	HSTF	PL	140* 11	209	86.35	2.53	3	SM400A		
1	HSTF	PL	140* 11	1079	86.35	13.0	13	SM400A		
1	HSTF	PL	140* 11	961	86.35	11.6	12	SM400A		
1	HSTF	PL	140* 11	980	86.35	11.8	12	SM400A		
1	HSTF	PL	140* 11	1097	86.35	13.3	13	SM400A		
1	HSTF	PL	140* 11	219	86.35	2.65	3	SM400A		
1	LFLG	PL	2942* 14	5873	109.9	1899	1899	SM490YA		
7	LRIB	PL	170* 17	5849	133.4	133	931	SM490YB		
1	SOLE	PL	1100* 48	970	376.8	382	382	SM490C	95	
1	MIZUNUKI	FB	50* 6	330	2.360	0.779	1	SS400		
3	MIZUNUKI	FB	50* 6	327	2.360	0.772	2	SS400		
1	MIZUNUKI	FB	50* 6	329	2.360	0.776	1	SS400		
2	MIZUNUKI	FB	50* 6	331	2.360	0.781	2	SS400		
1	MIZUNUKI	FB	50* 6	334	2.360	0.788	1	SS400		

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1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70	
2	FLG	PL	180* 13	2690	102.0	49.4	99	SM400A		
2	WEB	PL	400* 13	2690	102.0	110	220	SM400A		
							7409 kg			
J9-J10										

APPROACH BRIDGE GIRDER G2 J10-J11										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	2673* 14	7152	109.9	2101	2101	SM490YA		
4	HANGER	PL	90* 9	150	70.65	0.954	4	SM400A		
4	HANGER	PL	90* 9	150	70.65	0.954	4	SM400A		
2	VSTF	PL	190* 15	2597	117.8	58.1	116	SM400A		
1	VSTF	PL	190* 15	2597	117.8	58.1	58	SM400A		
1	HSTF	PL	140* 11	219	86.35	2.65	3	SM400A		
2	HSTF	PL	140* 11	1102	86.35	13.3	27	SM400A		
2	HSTF	PL	140* 11	1099	86.35	13.3	27	SM400A		
1	HSTF	PL	140* 11	903	86.35	10.9	11	SM400A		
1	RWEB	PL	2727* 14	7144	109.9	2141	2141	SM490YA		
4	HANGER	PL	90* 9	150	70.65	0.954	4	SM400A		
4	HANGER	PL	90* 9	150	70.65	0.954	4	SM400A		
2	VSTF	PL	190* 15	2647	117.8	59.2	118	SM400A		
1	VSTF	PL	190* 15	2647	117.8	59.2	59	SM400A		
1	HSTF	PL	140* 11	219	86.35	2.65	3	SM400A		
2	HSTF	PL	140* 11	1100	86.35	13.3	27	SM400A		
2	HSTF	PL	140* 11	1097	86.35	13.3	27	SM400A		
1	HSTF	PL	140* 11	901	86.35	10.9	11	SM400A		
1	LFLG	PL	2943* 12	7114	94.20	1973	1973	SM490YA		
7	LRIB	PL	170* 17	7088	133.4	161	1127	SM490YB		
1	MIZUNUKI	FB	50* 6	330	2.360	0.779	1	SS400		
3	MIZUNUKI	FB	50* 6	327	2.360	0.772	2	SS400		
1	MIZUNUKI	FB	50* 6	329	2.360	0.776	1	SS400		
2	MIZUNUKI	FB	50* 6	331	2.360	0.781	2	SS400		
1	MIZUNUKI	FB	50* 6	334	2.360	0.788	1	SS400		
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70	
							7853 kg			
J10-J11										

APPROACH BRIDGE GIRDER G2 J11-J12										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	2673* 14	8457	109.9	2485	2485	SM490YA		
6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A		
6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A		

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1	VSTF	PL	190* 15	2597	117.8	58.1	58	SM400A		
2	VSTF	PL	190* 15	2597	117.8	58.1	116	SM400A		
1	VSTF	PL	190* 15	2597	117.8	58.1	58	SM400A		
3	HSTF	PL	140* 11	1121	86.35	13.5	40	SM400A		
1	HSTF	PL	140* 11	304	86.35	3.68	4	SM400A		
1	HSTF	PL	140* 11	304	86.35	3.68	4	SM400A		
2	HSTF	PL	140* 11	1118	86.35	13.5	27	SM400A		
2	HSTF	PL	140* 11	1121	86.35	13.5	27	SM400A		
2	HSTF	PL	140* 11	1118	86.35	13.5	27	SM400A		
1	HSTF	PL	140* 11	304	86.35	3.68	4	SM400A		
1	RWEB	PL	2727* 14	8446	109.9	2531	2531	SM490YA		
6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A		
6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A		
1	VSTF	PL	190* 15	2647	117.8	59.2	59	SM400A		
2	VSTF	PL	190* 15	2647	117.8	59.2	118	SM400A		
1	VSTF	PL	190* 15	2647	117.8	59.2	59	SM400A		
3	HSTF	PL	140* 11	1119	86.35	13.5	40	SM400A		
1	HSTF	PL	140* 11	303	86.35	3.66	4	SM400A		
1	HSTF	PL	140* 11	303	86.35	3.66	4	SM400A		
2	HSTF	PL	140* 11	1116	86.35	13.5	27	SM400A		
2	HSTF	PL	140* 11	1119	86.35	13.5	27	SM400A		
2	HSTF	PL	140* 11	1116	86.35	13.5	27	SM400A		
1	HSTF	PL	140* 11	303	86.35	3.66	4	SM400A		
1	LFLG	PL	2944* 10	8420	78.50	1946	1946	SM490YA		
7	LRIB	PL	170* 17	8393	133.4	190	1330	SM490YB		
1	MIZUNUKI	FB	50* 6	330	2.360	0.779	1	SS400		
3	MIZUNUKI	FB	50* 6	327	2.360	0.772	2	SS400		
1	MIZUNUKI	FB	50* 6	329	2.360	0.776	1	SS400		
2	MIZUNUKI	FB	50* 6	331	2.360	0.781	2	SS400		
1	MIZUNUKI	FB	50* 6	334	2.360	0.788	1	SS400		
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70	
J11-J12										
9058 kg										

APPROACH BRIDGE GIRDER G2 J12-J13										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	2673* 14	8455	109.9	2484	2484	SM490YA		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
1	VSTF	PL	190* 15	2597	117.8	58.1	58	SM400A		
2	VSTF	PL	190* 15	2597	117.8	58.1	116	SM400A		
1	HSTF	PL	140* 11	307	86.35	3.71	4	SM400A		
6	HSTF	PL	140* 11	1121	86.35	13.5	81	SM400A		

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1	HSTF	PL	140* 11	307	86.35	3.71	4	SM400A		
1	HSTF	PL	140* 11	922	86.35	11.1	11	SM400A		
2	HSTF	PL	140* 11	1118	86.35	13.5	27	SM400A		
2	HSTF	PL	140* 11	1121	86.35	13.5	27	SM400A		
1	HSTF	PL	140* 11	1118	86.35	13.5	14	SM400A		
1	HSTF	PL	140* 11	304	86.35	3.68	4	SM400A		
1	RWEB	PL	2727* 14	8445	109.9	2531	2531	SM490YA		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
1	VSTF	PL	190* 15	2647	117.8	59.2	59	SM400A		
2	VSTF	PL	190* 15	2647	117.8	59.2	118	SM400A		
1	HSTF	PL	140* 11	306	86.35	3.70	4	SM400A		
6	HSTF	PL	140* 11	1119	86.35	13.5	81	SM400A		
1	HSTF	PL	140* 11	306	86.35	3.70	4	SM400A		
1	HSTF	PL	140* 11	920	86.35	11.1	11	SM400A		
2	HSTF	PL	140* 11	1116	86.35	13.5	27	SM400A		
2	HSTF	PL	140* 11	1119	86.35	13.5	27	SM400A		
1	HSTF	PL	140* 11	1116	86.35	13.5	14	SM400A		
1	HSTF	PL	140* 11	303	86.35	3.66	4	SM400A		
1	LFLG	PL	2944* 10	8420	78.50	1946	1946	SM490YA		
7	LRIB	PL	170* 17	8393	133.4	190	1330	SM490YB		
1	MIZUNUKI	FB	50* 6	330	2.360	0.779	1	SS400		
3	MIZUNUKI	FB	50* 6	327	2.360	0.772	2	SS400		
1	MIZUNUKI	FB	50* 6	329	2.360	0.776	1	SS400		
2	MIZUNUKI	FB	50* 6	331	2.360	0.781	2	SS400		
1	MIZUNUKI	FB	50* 6	334	2.360	0.788	1	SS400		
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70	
J12-J13										
								9014 kg		

APPROACH BRIDGE GIRDER G2 J13-J14										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	2673* 14	7251	109.9	2130	2130	SM490YA		
4	HANGER	PL	90* 9	150	70.65	0.954	4	SM400A		
4	HANGER	PL	90* 9	150	70.65	0.954	4	SM400A		
2	VSTF	PL	190* 15	2597	117.8	58.1	116	SM400A		
1	VSTF	PL	190* 15	2597	117.8	58.1	58	SM400A		
1	HSTF	PL	140* 11	304	86.35	3.68	4	SM400A		
5	HSTF	PL	140* 11	1121	86.35	13.5	68	SM400A		
1	HSTF	PL	140* 11	307	86.35	3.71	4	SM400A		
1	HSTF	PL	140* 11	304	86.35	3.68	4	SM400A		
1	HSTF	PL	140* 11	922	86.35	11.1	11	SM400A		
1	HSTF	PL	140* 11	922	86.35	11.1	11	SM400A		

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2	HSTF	PL	140* 11	1118	86.35	13.5	27	SM400A		
1	HSTF	PL	140* 11	1121	86.35	13.5	14	SM400A		
1	HSTF	PL	140* 11	307	86.35	3.71	4	SM400A		
1	RWEB	PL	2727* 14	7242	109.9	2171	2171	SM490YA		
4	HANGER	PL	90* 9	150	70.65	0.954	4	SM400A		
4	HANGER	PL	90* 9	150	70.65	0.954	4	SM400A		
2	VSTF	PL	190* 15	2647	117.8	59.2	118	SM400A		
1	VSTF	PL	190* 15	2647	117.8	59.2	59	SM400A		
1	HSTF	PL	140* 11	303	86.35	3.66	4	SM400A		
5	HSTF	PL	140* 11	1119	86.35	13.5	68	SM400A		
1	HSTF	PL	140* 11	306	86.35	3.70	4	SM400A		
1	HSTF	PL	140* 11	303	86.35	3.66	4	SM400A		
1	HSTF	PL	140* 11	920	86.35	11.1	11	SM400A		
1	HSTF	PL	140* 11	920	86.35	11.1	11	SM400A		
2	HSTF	PL	140* 11	1116	86.35	13.5	27	SM400A		
1	HSTF	PL	140* 11	1119	86.35	13.5	14	SM400A		
1	HSTF	PL	140* 11	306	86.35	3.70	4	SM400A		
1	LFLG	PL	2943* 10	7217	78.50	1667	1667	SM490YA		
7	LRIB	PL	170* 17	7191	133.4	163	1141	SM490YB		
1	MIZUNUKI	FB	50* 6	330	2.360	0.779	1	SS400		
3	MIZUNUKI	FB	50* 6	327	2.360	0.772	2	SS400		
1	MIZUNUKI	FB	50* 6	329	2.360	0.776	1	SS400		
2	MIZUNUKI	FB	50* 6	331	2.360	0.781	2	SS400		
1	MIZUNUKI	FB	50* 6	334	2.360	0.788	1	SS400		
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70	
J13-J14										
7778 kg										

APPROACH BRIDGE GIRDER G2 J14-J15										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	2673* 14	8452	109.9	2483	2483	SM490YA		
6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A		
6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A		
1	VSTF	PL	190* 15	2597	117.8	58.1	58	SM400A		
2	VSTF	PL	190* 15	2597	117.8	58.1	116	SM400A		
1	VSTF	PL	190* 15	2597	117.8	58.1	58	SM400A		
1	HSTF	PL	140* 11	304	86.35	3.68	4	SM400A		
6	HSTF	PL	140* 11	1121	86.35	13.5	81	SM400A		
1	HSTF	PL	140* 11	304	86.35	3.68	4	SM400A		
1	HSTF	PL	140* 11	304	86.35	3.68	4	SM400A		
2	HSTF	PL	140* 11	1118	86.35	13.5	27	SM400A		
1	HSTF	PL	140* 11	922	86.35	11.1	11	SM400A		
1	HSTF	PL	140* 11	922	86.35	11.1	11	SM400A		

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2	HSTF	PL	140* 11	1118	86.35	13.5	27	SM400A		
1	HSTF	PL	140* 11	304	86.35	3.68	4	SM400A		
1	RWEB	PL	2727* 14	8441	109.9	2530	2530	SM490YA		
6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A		
6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A		
1	VSTF	PL	190* 15	2647	117.8	59.2	59	SM400A		
2	VSTF	PL	190* 15	2647	117.8	59.2	118	SM400A		
1	VSTF	PL	190* 15	2647	117.8	59.2	59	SM400A		
1	HSTF	PL	140* 11	303	86.35	3.66	4	SM400A		
6	HSTF	PL	140* 11	1119	86.35	13.5	81	SM400A		
1	HSTF	PL	140* 11	303	86.35	3.66	4	SM400A		
1	HSTF	PL	140* 11	303	86.35	3.66	4	SM400A		
2	HSTF	PL	140* 11	1116	86.35	13.5	27	SM400A		
1	HSTF	PL	140* 11	920	86.35	11.1	11	SM400A		
1	HSTF	PL	140* 11	920	86.35	11.1	11	SM400A		
2	HSTF	PL	140* 11	1116	86.35	13.5	27	SM400A		
1	HSTF	PL	140* 11	303	86.35	3.66	4	SM400A		
1	LFLG	PL	2944* 10	8419	78.50	1946	1946	SM490YA		
7	LRIB	PL	170* 17	8393	133.4	190	1330	SM490YB		
1	MIZUNUKI	FB	50* 6	330	2.360	0.779	1	SS400		
3	MIZUNUKI	FB	50* 6	327	2.360	0.772	2	SS400		
1	MIZUNUKI	FB	50* 6	329	2.360	0.776	1	SS400		
2	MIZUNUKI	FB	50* 6	331	2.360	0.781	2	SS400		
1	MIZUNUKI	FB	50* 6	334	2.360	0.788	1	SS400		
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70	
J14-J15										
								9135 kg		

APPROACH BRIDGE GIRDER G2 J15-J16										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	2673* 14	7248	109.9	2129	2129	SM490YA		
4	HANGER	PL	90* 9	150	70.65	0.954	4	SM400A		
4	HANGER	PL	90* 9	150	70.65	0.954	4	SM400A		
1	VSTF	PL	190* 15	2597	117.8	58.1	58	SM400A		
2	VSTF	PL	190* 15	2597	117.8	58.1	116	SM400A		
1	HSTF	PL	140* 11	307	86.35	3.71	4	SM400A		
5	HSTF	PL	140* 11	1121	86.35	13.5	68	SM400A		
1	HSTF	PL	140* 11	304	86.35	3.68	4	SM400A		
1	HSTF	PL	140* 11	307	86.35	3.71	4	SM400A		
1	HSTF	PL	140* 11	1121	86.35	13.5	14	SM400A		
2	HSTF	PL	140* 11	1118	86.35	13.5	27	SM400A		
1	HSTF	PL	140* 11	922	86.35	11.1	11	SM400A		
1	HSTF	PL	140* 11	922	86.35	11.1	11	SM400A		

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1	HSTF	PL	140* 11	304	86.35	3.68	4	SM400A		
1	RWEB	PL	2727* 14	7239	109.9	2169	2169	SM490YA		
4	HANGER	PL	90* 9	150	70.65	0.954	4	SM400A		
4	HANGER	PL	90* 9	150	70.65	0.954	4	SM400A		
1	VSTF	PL	190* 15	2647	117.8	59.2	59	SM400A		
2	VSTF	PL	190* 15	2647	117.8	59.2	118	SM400A		
1	HSTF	PL	140* 11	306	86.35	3.70	4	SM400A		
5	HSTF	PL	140* 11	1119	86.35	13.5	68	SM400A		
1	HSTF	PL	140* 11	303	86.35	3.66	4	SM400A		
1	HSTF	PL	140* 11	306	86.35	3.70	4	SM400A		
1	HSTF	PL	140* 11	1119	86.35	13.5	14	SM400A		
2	HSTF	PL	140* 11	1116	86.35	13.5	27	SM400A		
1	HSTF	PL	140* 11	920	86.35	11.1	11	SM400A		
1	HSTF	PL	140* 11	920	86.35	11.1	11	SM400A		
1	HSTF	PL	140* 11	303	86.35	3.66	4	SM400A		
1	LFLG	PL	2943* 10	7217	78.50	1667	1667	SM490YA		
7	LRIB	PL	170* 17	7191	133.4	163	1141	SM490YB		
1	MIZUNUKI	FB	50* 6	330	2.360	0.779	1	SS400		
3	MIZUNUKI	FB	50* 6	327	2.360	0.772	2	SS400		
1	MIZUNUKI	FB	50* 6	329	2.360	0.776	1	SS400		
2	MIZUNUKI	FB	50* 6	331	2.360	0.781	2	SS400		
1	MIZUNUKI	FB	50* 6	334	2.360	0.788	1	SS400		
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70	
J15-J16										
7775 kg										

APPROACH BRIDGE GIRDER G2 J16-J17										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	2673* 14	8449	109.9	2482	2482	SM490YA		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
2	VSTF	PL	190* 15	2597	117.8	58.1	116	SM400A		
1	VSTF	PL	190* 15	2597	117.8	58.1	58	SM400A		
1	HSTF	PL	140* 11	307	86.35	3.71	4	SM400A		
4	HSTF	PL	140* 11	1121	86.35	13.5	54	SM400A		
1	HSTF	PL	140* 11	304	86.35	3.68	4	SM400A		
1	HSTF	PL	140* 11	1118	86.35	13.5	14	SM400A		
2	HSTF	PL	140* 11	1121	86.35	13.5	27	SM400A		
2	HSTF	PL	140* 11	1118	86.35	13.5	27	SM400A		
1	HSTF	PL	140* 11	922	86.35	11.1	11	SM400A		
1	RWEB	PL	2727* 14	8438	109.9	2529	2529	SM490YA		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		

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2	VSTF	PL	190* 15	2647	117.8	59.2	118	SM400A		
1	VSTF	PL	190* 15	2647	117.8	59.2	59	SM400A		
1	HSTF	PL	140* 11	306	86.35	3.70	4	SM400A		
4	HSTF	PL	140* 11	1119	86.35	13.5	54	SM400A		
1	HSTF	PL	140* 11	303	86.35	3.66	4	SM400A		
1	HSTF	PL	140* 11	1116	86.35	13.5	14	SM400A		
2	HSTF	PL	140* 11	1119	86.35	13.5	27	SM400A		
2	HSTF	PL	140* 11	1116	86.35	13.5	27	SM400A		
1	HSTF	PL	140* 11	920	86.35	11.1	11	SM400A		
1	LFLG	PL	2944* 10	8419	78.50	1946	1946	SM490YA		
7	LRIB	PL	170* 17	8393	133.4	190	1330	SM490YB		
1	MIZUNUKI	FB	50* 6	330	2.360	0.779	1	SS400		
3	MIZUNUKI	FB	50* 6	327	2.360	0.772	2	SS400		
1	MIZUNUKI	FB	50* 6	329	2.360	0.776	1	SS400		
2	MIZUNUKI	FB	50* 6	331	2.360	0.781	2	SS400		
1	MIZUNUKI	FB	50* 6	334	2.360	0.788	1	SS400		
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70	
J16-J17										
								8948 kg		

APPROACH BRIDGE GIRDER G2 J17-J18										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	2673* 14	8447	109.9	2482	2482	SM490YA		
6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A		
6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A		
1	VSTF	PL	190* 15	2597	117.8	58.1	58	SM400A		
2	VSTF	PL	190* 15	2597	117.8	58.1	116	SM400A		
1	VSTF	PL	190* 15	2597	117.8	58.1	58	SM400A		
1	HSTF	PL	140* 11	304	86.35	3.68	4	SM400A		
2	HSTF	PL	140* 11	1118	86.35	13.5	27	SM400A		
2	HSTF	PL	140* 11	1121	86.35	13.5	27	SM400A		
2	HSTF	PL	140* 11	1118	86.35	13.5	27	SM400A		
1	HSTF	PL	140* 11	229	86.35	2.77	3	SM400A		
1	RWEB	PL	2727* 14	8436	109.9	2528	2528	SM490YA		
6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A		
6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A		
1	VSTF	PL	190* 15	2647	117.8	59.2	59	SM400A		
2	VSTF	PL	190* 15	2647	117.8	59.2	118	SM400A		
1	VSTF	PL	190* 15	2647	117.8	59.2	59	SM400A		
1	HSTF	PL	140* 11	303	86.35	3.66	4	SM400A		
2	HSTF	PL	140* 11	1116	86.35	13.5	27	SM400A		
2	HSTF	PL	140* 11	1119	86.35	13.5	27	SM400A		
2	HSTF	PL	140* 11	1116	86.35	13.5	27	SM400A		

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1	HSTF	PL	140* 11	228	86.35	2.76	3	SM400A		
1	LFLG	PL	2944* 14	8419	109.9	2724	2724	SM490YA		
7	LRIB	PL	170* 17	8393	133.4	190	1330	SM490YB		
1	MIZUNUKI	FB	50* 6	330	2.360	0.779	1	SS400		
3	MIZUNUKI	FB	50* 6	327	2.360	0.772	2	SS400		
1	MIZUNUKI	FB	50* 6	329	2.360	0.776	1	SS400		
2	MIZUNUKI	FB	50* 6	331	2.360	0.781	2	SS400		
1	MIZUNUKI	FB	50* 6	334	2.360	0.788	1	SS400		
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70	
J17-J18										
9740 kg										

APPROACH BRIDGE GIRDER G2 J18-J19										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	2673* 14	6889	109.9	2023	2023	SM490YA		
4	HANGER	PL	90* 9	150	70.65	0.954	4	SM400A		
4	HANGER	PL	90* 9	150	70.65	0.954	4	SM400A		
1	VSTF	PL	190* 15	2597	117.8	58.1	58	SM400A		
2	VSTF	PL	190* 15	2597	117.8	58.1	116	SM400A		
1	HSTF	PL	140* 11	903	86.35	10.9	11	SM400A		
2	HSTF	PL	140* 11	1099	86.35	13.3	27	SM400A		
1	HSTF	PL	140* 11	1102	86.35	13.3	13	SM400A		
1	HSTF	PL	140* 11	1052	86.35	12.7	13	SM400A		
1	RWEB	PL	2727* 14	6881	109.9	2062	2062	SM490YA		
4	HANGER	PL	90* 9	150	70.65	0.954	4	SM400A		
4	HANGER	PL	90* 9	150	70.65	0.954	4	SM400A		
1	VSTF	PL	190* 15	2647	117.8	59.2	59	SM400A		
2	VSTF	PL	190* 15	2647	117.8	59.2	118	SM400A		
1	HSTF	PL	140* 11	901	86.35	10.9	11	SM400A		
2	HSTF	PL	140* 11	1097	86.35	13.3	27	SM400A		
1	HSTF	PL	140* 11	1100	86.35	13.3	13	SM400A		
1	HSTF	PL	140* 11	1050	86.35	12.7	13	SM400A		
1	LFLG	PL	2943* 20	6863	157.0	3171	3171	SM490YB		
7	LRIB	PL	200* 22	6838	172.7	236	1652	SM490YB		
1	MIZUNUKI	FB	50* 6	330	2.360	0.779	1	SS400		
3	MIZUNUKI	FB	50* 6	327	2.360	0.772	2	SS400		
1	MIZUNUKI	FB	50* 6	329	2.360	0.776	1	SS400		
2	MIZUNUKI	FB	50* 6	331	2.360	0.781	2	SS400		
1	MIZUNUKI	FB	50* 6	334	2.360	0.788	1	SS400		
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70	
J18-J19										
9411 kg										

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APPROACH BRIDGE GIRDER G2 J19-J20										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	2673* 14	6233	109.9	1831	1831	SM490YA		
4	HANGER	PL	90* 9	150	70.65	0.954	4	SM400A		
4	HANGER	PL	90* 9	150	70.65	0.954	4	SM400A		
2	VSTF	PL	190* 15	2597	117.8	58.1	116	SM400A		
1	HSTF	PL	140* 11	470	86.35	5.68	6	SM400A		
1	HSTF	PL	140* 11	1099	86.35	13.3	13	SM400A		
1	HSTF	PL	140* 11	981	86.35	11.9	12	SM400A		
1	HSTF	PL	140* 11	912	86.35	11.0	11	SM400A		
1	HSTF	PL	140* 11	1030	86.35	12.5	12	SM400A		
1	HSTF	PL	140* 11	395	86.35	4.78	5	SM400A		
1	RWEB	PL	2727* 14	6225	109.9	1866	1866	SM490YA		
4	HANGER	PL	90* 9	150	70.65	0.954	4	SM400A		
4	HANGER	PL	90* 9	150	70.65	0.954	4	SM400A		
2	VSTF	PL	190* 15	2647	117.8	59.2	118	SM400A		
1	HSTF	PL	140* 11	468	86.35	5.66	6	SM400A		
1	HSTF	PL	140* 11	1097	86.35	13.3	13	SM400A		
1	HSTF	PL	140* 11	980	86.35	11.8	12	SM400A		
1	HSTF	PL	140* 11	911	86.35	11.0	11	SM400A		
1	HSTF	PL	140* 11	1028	86.35	12.4	12	SM400A		
1	HSTF	PL	140* 11	394	86.35	4.76	5	SM400A		
1	LFLG	PL	2942* 27	6208	212.0	3871	3871	SM490YB		
7	LRIB	PL	200* 22	6183	172.7	214	1498	SM490YB		
1	SOLE	PL	1100* 50	970	392.5	398	398	SM490C	95	
1	MIZUNUKI	FB	50* 6	330	2.360	0.779	1	SS400		
3	MIZUNUKI	FB	50* 6	327	2.360	0.772	2	SS400		
1	MIZUNUKI	FB	50* 6	329	2.360	0.776	1	SS400		
2	MIZUNUKI	FB	50* 6	331	2.360	0.781	2	SS400		
1	MIZUNUKI	FB	50* 6	334	2.360	0.788	1	SS400		
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70	
2	FLG	PL	180* 13	2690	102.0	49.4	99	SM400A		
2	WEB	PL	400* 13	2690	102.0	110	220	SM400A		
J19-J20							10159 kg			

APPROACH BRIDGE GIRDER G2 J20-J21										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	2673* 14	6535	109.9	1920	1920	SM490YA		
4	HANGER	PL	90* 9	150	70.65	0.954	4	SM400A		
4	HANGER	PL	90* 9	150	70.65	0.954	4	SM400A		
2	VSTF	PL	190* 15	2597	117.8	58.1	116	SM400A		

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1	VSTF	PL	190* 15	2597	117.8	58.1	58	SM400A		
1	HSTF	PL	140* 11	983	86.35	11.9	12	SM400A		
1	HSTF	PL	140* 11	1033	86.35	12.5	12	SM400A		
2	HSTF	PL	140* 11	1030	86.35	12.5	25	SM400A		
1	HSTF	PL	140* 11	834	86.35	10.1	10	SM400A		
1	RWEB	PL	2727* 14	6527	109.9	1956	1956	SM490YA		
4	HANGER	PL	90* 9	150	70.65	0.954	4	SM400A		
4	HANGER	PL	90* 9	150	70.65	0.954	4	SM400A		
2	VSTF	PL	190* 15	2647	117.8	59.2	118	SM400A		
1	VSTF	PL	190* 15	2647	117.8	59.2	59	SM400A		
1	HSTF	PL	140* 11	981	86.35	11.9	12	SM400A		
1	HSTF	PL	140* 11	1031	86.35	12.5	12	SM400A		
2	HSTF	PL	140* 11	1028	86.35	12.4	25	SM400A		
1	HSTF	PL	140* 11	832	86.35	10.1	10	SM400A		
1	LFLG	PL	2943* 19	6511	149.2	2859	2859	SM490YB		
7	LRIB	PL	200* 22	6487	172.7	224	1568	SM490YB		
1	MIZUNUKI	FB	50* 6	330	2.360	0.779	1	SS400		
3	MIZUNUKI	FB	50* 6	327	2.360	0.772	2	SS400		
1	MIZUNUKI	FB	50* 6	329	2.360	0.776	1	SS400		
2	MIZUNUKI	FB	50* 6	331	2.360	0.781	2	SS400		
1	MIZUNUKI	FB	50* 6	334	2.360	0.788	1	SS400		
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70	
J20-J21								8796 kg		

APPROACH BRIDGE GIRDER G2 J21-J22										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	2673* 14	7088	109.9	2083	2083	SM490YA		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
1	VSTF	PL	190* 15	2597	117.8	58.1	58	SM400A		
2	VSTF	PL	190* 15	2597	117.8	58.1	116	SM400A		
1	HSTF	PL	140* 11	216	86.35	2.61	3	SM400A		
2	HSTF	PL	140* 11	1093	86.35	13.2	26	SM400A		
2	HSTF	PL	140* 11	1096	86.35	13.2	26	SM400A		
1	HSTF	PL	140* 11	1093	86.35	13.2	13	SM400A		
1	HSTF	PL	140* 11	216	86.35	2.61	3	SM400A		
1	RWEB	PL	2727* 14	7079	109.9	2121	2121	SM490YA		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
1	VSTF	PL	190* 15	2647	117.8	59.2	59	SM400A		
2	VSTF	PL	190* 15	2647	117.8	59.2	118	SM400A		
1	HSTF	PL	140* 11	215	86.35	2.60	3	SM400A		

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2	HSTF	PL	140* 11	1091	86.35	13.2	26	SM400A		
2	HSTF	PL	140* 11	1094	86.35	13.2	26	SM400A		
1	HSTF	PL	140* 11	1091	86.35	13.2	13	SM400A		
1	HSTF	PL	140* 11	215	86.35	2.60	3	SM400A		
1	LFLG	PL	2943* 11	7066	86.35	1796	1796	SM490YA		
7	LRIB	PL	170* 17	7041	133.4	160	1120	SM490YB		
1	MIZUNUKI	FB	50* 6	330	2.360	0.779	1	SS400		
3	MIZUNUKI	FB	50* 6	327	2.360	0.772	2	SS400		
1	MIZUNUKI	FB	50* 6	329	2.360	0.776	1	SS400		
2	MIZUNUKI	FB	50* 6	331	2.360	0.781	2	SS400		
1	MIZUNUKI	FB	50* 6	334	2.360	0.788	1	SS400		
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70	
J21-J22										
7641 kg										

APPROACH BRIDGE GIRDER G2 J22-J23										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	2673* 14	8265	109.9	2428	2428	SM490YA		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
2	VSTF	PL	190* 15	2597	117.8	58.1	116	SM400A		
1	VSTF	PL	190* 15	2597	117.8	58.1	58	SM400A		
1	VSTF	PL	190* 15	2562	117.8	57.3	57	SM400A		
5	HSTF	PL	140* 11	1096	86.35	13.2	66	SM400A		
1	HSTF	PL	140* 11	291	86.35	3.52	4	SM400A		
1	HSTF	PL	140* 11	216	86.35	2.61	3	SM400A		
1	HSTF	PL	140* 11	897	86.35	10.8	11	SM400A		
1	HSTF	PL	140* 11	897	86.35	10.8	11	SM400A		
2	HSTF	PL	140* 11	1093	86.35	13.2	26	SM400A		
1	RWEB	PL	2727* 14	8254	109.9	2474	2474	SM490YA		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
2	VSTF	PL	190* 15	2647	117.8	59.2	118	SM400A		
1	VSTF	PL	190* 15	2647	117.8	59.2	59	SM400A		
1	VSTF	PL	190* 15	2612	117.8	58.5	58	SM400A		
5	HSTF	PL	140* 11	1094	86.35	13.2	66	SM400A		
1	HSTF	PL	140* 11	290	86.35	3.51	4	SM400A		
1	HSTF	PL	140* 11	215	86.35	2.60	3	SM400A		
1	HSTF	PL	140* 11	895	86.35	10.8	11	SM400A		
1	HSTF	PL	140* 11	895	86.35	10.8	11	SM400A		
2	HSTF	PL	140* 11	1091	86.35	13.2	26	SM400A		
1	LFLG	PL	2944* 11	8244	86.35	2096	2096	SM490YA		
3	LRIB	PL	170* 17	8218	133.4	186	558	SM490YB		

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4	LRIB	PL	170* 17	6423	133.4	146	584	SM490YB		
1	MIZUNUKI	FB	50* 6	330	2.360	0.779	1	SS400		
3	MIZUNUKI	FB	50* 6	327	2.360	0.772	2	SS400		
1	MIZUNUKI	FB	50* 6	329	2.360	0.776	1	SS400		
2	MIZUNUKI	FB	50* 6	331	2.360	0.781	2	SS400		
1	MIZUNUKI	FB	50* 6	334	2.360	0.788	1	SS400		
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70	
J22-J23							8876 kg			

APPROACH BRIDGE GIRDER G2 J23-J24										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	2673* 14	8263	109.9	2428	2428	SM490YA		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
2	VSTF	PL	190* 15	2562	117.8	57.3	115	SM400A		
1	VSTF	PL	190* 15	2562	117.8	57.3	57	SM400A		
1	HSTF	PL	140* 11	294	86.35	3.55	4	SM400A		
6	HSTF	PL	140* 11	1096	86.35	13.2	79	SM400A		
1	HSTF	PL	140* 11	219	86.35	2.65	3	SM400A		
1	RWEB	PL	2727* 14	8252	109.9	2473	2473	SM490YA		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
2	VSTF	PL	190* 15	2612	117.8	58.5	117	SM400A		
1	VSTF	PL	190* 15	2612	117.8	58.5	58	SM400A		
1	HSTF	PL	140* 11	293	86.35	3.54	4	SM400A		
6	HSTF	PL	140* 11	1094	86.35	13.2	79	SM400A		
1	HSTF	PL	140* 11	218	86.35	2.64	3	SM400A		
1	LFLG	PL	2944* 17	8244	133.4	3238	3238	SM490YB		
3	LRIB	PL	170* 17	8218	133.4	186	558	SM490YB		
1	MIZUNUKI	FB	50* 6	672	2.360	1.59	2	SS400		
1	MIZUNUKI	FB	50* 6	668	2.360	1.58	2	SS400		
1	MIZUNUKI	FB	50* 6	677	2.360	1.60	2	SS400		
1	MIZUNUKI	FB	50* 6	690	2.360	1.63	2	SS400		
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70	
J23-J24							9245 kg			

APPROACH BRIDGE GIRDER G2 J24-J25										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	2673* 14	8181	109.9	2404	2404	SM490YA		
6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A		

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6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A			
1	VSTF	PL	190* 15	2562	117.8	57.3	57	SM400A			
2	VSTF	PL	190* 15	2562	117.8	57.3	115	SM400A			
1	VSTF	PL	190* 15	2562	117.8	57.3	57	SM400A			
1	HSTF	PL	140* 11	216	86.35	2.61	3	SM400A			
6	HSTF	PL	140* 11	1096	86.35	13.2	79	SM400A			
1	HSTF	PL	140* 11	136	86.35	1.64	2	SM400A			
1	RWEB	PL	2727* 14	8171	109.9	2449	2449	SM490YA			
6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A			
6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A			
1	VSTF	PL	190* 15	2612	117.8	58.5	58	SM400A			
2	VSTF	PL	190* 15	2612	117.8	58.5	117	SM400A			
1	VSTF	PL	190* 15	2612	117.8	58.5	58	SM400A			
1	HSTF	PL	140* 11	215	86.35	2.60	3	SM400A			
6	HSTF	PL	140* 11	1094	86.35	13.2	79	SM400A			
1	HSTF	PL	140* 11	136	86.35	1.64	2	SM400A			
1	LFLG	PL	2944* 26	8164	204.1	4905	4905	SM490YB			
3	LRIB	PL	200* 22	8138	172.7	281	843	SM490YB			
1	MIZUNUKI	FB	50* 6	672	2.360	1.59	2	SS400			
1	MIZUNUKI	FB	50* 6	668	2.360	1.58	2	SS400			
1	MIZUNUKI	FB	50* 6	677	2.360	1.60	2	SS400			
1	MIZUNUKI	FB	50* 6	690	2.360	1.63	2	SS400			
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70		
J24-J25											
								11264 kg			

APPROACH BRIDGE GIRDER G2 J25-J26										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	2673* 14	8471	109.9	2488	2488	SM490YA		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
1	VSTF	PL	190* 15	2562	117.8	57.3	57	SM400A		
2	VSTF	PL	190* 15	2562	117.8	57.3	115	SM400A		
1	HSTF	PL	140* 11	299	86.35	3.61	4	SM400A		
1	HSTF	PL	140* 11	1096	86.35	13.2	13	SM400A		
1	HSTF	PL	140* 11	1096	86.35	13.2	13	SM400A		
2	HSTF	PL	140* 11	1112	86.35	13.4	27	SM400A		
2	HSTF	PL	140* 11	1083	86.35	13.1	26	SM400A		
1	HSTF	PL	140* 11	343	86.35	4.15	4	SM400A		
1	RWEB	PL	2727* 14	8459	109.9	2535	2535	SM490YA		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
1	VSTF	PL	190* 15	2612	117.8	58.5	58	SM400A		

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2	VSTF	PL	190* 15	2612	117.8	58.5	117	SM400A		
1	HSTF	PL	140* 11	298	86.35	3.60	4	SM400A		
6	HSTF	PL	140* 11	1094	86.35	13.2	79	SM400A		
1	HSTF	PL	140* 11	349	86.35	4.22	4	SM400A		
1	LFLG	PL	2955* 35	8456	274.8	6867	6867	SM490YB		
3	LRIB	PL	200* 22	8428	172.7	291	873	SM490YB		
1	MIZUNUKI	FB	50* 6	672	2.360	1.59	2	SS400		
1	MIZUNUKI	FB	50* 6	668	2.360	1.58	2	SS400		
1	MIZUNUKI	FB	50* 6	677	2.360	1.60	2	SS400		
1	MIZUNUKI	FB	50* 6	690	2.360	1.63	2	SS400		
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70	
J25-J26							13313 kg			

APPROACH BRIDGE GIRDER G2 J26-J27										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	2673* 14	7899	109.9	2320	2320	SM490YA		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
2	VSTF	PL	190* 15	2562	117.8	57.3	115	SM400A		
2	VSTF	PL	190* 15	2562	117.8	57.3	115	SM400A		
1	HSTF	PL	140* 11	141	86.35	1.70	2	SM400A		
1	HSTF	PL	140* 11	1023	86.35	12.4	12	SM400A		
2	HSTF	PL	140* 11	1083	86.35	13.1	26	SM400A		
2	HSTF	PL	140* 11	1093	86.35	13.2	26	SM400A		
1	HSTF	PL	140* 11	994	86.35	12.0	12	SM400A		
1	HSTF	PL	140* 11	136	86.35	1.64	2	SM400A		
1	RWEB	PL	2727* 14	7937	109.9	2378	2378	SM490YA		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
2	VSTF	PL	190* 15	2612	117.8	58.5	117	SM400A		
2	VSTF	PL	190* 15	2612	117.8	58.5	117	SM400A		
1	HSTF	PL	140* 11	145	86.35	1.75	2	SM400A		
1	HSTF	PL	140* 11	1034	86.35	12.5	12	SM400A		
4	HSTF	PL	140* 11	1094	86.35	13.2	53	SM400A		
1	HSTF	PL	140* 11	994	86.35	12.0	12	SM400A		
1	HSTF	PL	140* 11	136	86.35	1.64	2	SM400A		
1	LFLG	PL	2956* 38	7924	298.3	6986	6986	SM490YB		
3	LRIB	PL	200* 22	7883	172.7	272	816	SM490YB		
1	MIZUNUKI	FB	50* 6	672	2.360	1.59	2	SS400		
1	MIZUNUKI	FB	50* 6	668	2.360	1.58	2	SS400		
1	MIZUNUKI	FB	50* 6	677	2.360	1.60	2	SS400		
1	MIZUNUKI	FB	50* 6	690	2.360	1.63	2	SS400		

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1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70	
J26-J27							13154 kg			

APPROACH BRIDGE GIRDER G2 J27-J28										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	2673* 14	7131	109.9	2095	2095	SM490YA		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
2	VSTF	PL	190* 15	2562	117.8	57.3	115	SM400A		
1	VSTF	PL	190* 15	2562	117.8	57.3	57	SM400A		
1	HSTF	PL	140* 11	399	86.35	4.82	5	SM400A		
4	HSTF	PL	140* 11	1094	86.35	13.2	53	SM400A		
1	HSTF	PL	140* 11	1044	86.35	12.6	13	SM400A		
1	HSTF	PL	140* 11	146	86.35	1.76	2	SM400A		
1	RWEB	PL	2727* 14	7131	109.9	2138	2138	SM490YA		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
2	VSTF	PL	190* 15	2612	117.8	58.5	117	SM400A		
1	VSTF	PL	190* 15	2612	117.8	58.5	58	SM400A		
1	HSTF	PL	140* 11	399	86.35	4.82	5	SM400A		
4	HSTF	PL	140* 11	1094	86.35	13.2	53	SM400A		
1	HSTF	PL	140* 11	1044	86.35	12.6	13	SM400A		
1	LFLG	PL	2940* 38	7118	298.3	6243	6243	SM490YB		
3	LRIB	PL	200* 22	7098	172.7	245	735	SM490YB		
1	MIZUNUKI	FB	50* 6	672	2.360	1.59	2	SS400		
1	MIZUNUKI	FB	50* 6	668	2.360	1.58	2	SS400		
1	MIZUNUKI	FB	50* 6	677	2.360	1.60	2	SS400		
1	MIZUNUKI	FB	50* 6	690	2.360	1.63	2	SS400		
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70	
J27-J28							11731 kg			

APPROACH BRIDGE GIRDER G2 J28-J29										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	2673* 14	7111	109.9	2089	2089	SM490YA		
4	HANGER	PL	90* 9	150	70.65	0.954	4	SM400A		
4	HANGER	PL	90* 9	150	70.65	0.954	4	SM400A		
1	VSTF	PL	190* 15	2562	117.8	57.3	57	SM400A		
2	VSTF	PL	190* 15	2562	117.8	57.3	115	SM400A		
1	HSTF	PL	140* 11	339	86.35	4.10	4	SM400A		
2	HSTF	PL	140* 11	1094	86.35	13.2	26	SM400A		

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3	HSTF	PL	140* 11	1095	86.35	13.2	40	SM400A		
1	HSTF	PL	140* 11	136	86.35	1.64	2	SM400A		
1	RWEB	PL	2727* 14	7111	109.9	2131	2131	SM490YA		
4	HANGER	PL	90* 9	150	70.65	0.954	4	SM400A		
4	HANGER	PL	90* 9	150	70.65	0.954	4	SM400A		
3	VSTF	PL	190* 15	2612	117.8	58.5	176	SM400A		
1	HSTF	PL	140* 11	339	86.35	4.10	4	SM400A		
1	HSTF	PL	140* 11	1094	86.35	13.2	13	SM400A		
1	HSTF	PL	140* 11	1095	86.35	13.2	13	SM400A		
2	HSTF	PL	140* 11	1094	86.35	13.2	26	SM400A		
1	HSTF	PL	140* 11	1095	86.35	13.2	13	SM400A		
1	LFLG	PL	2940* 38	7099	298.3	6226	6226	SM490YB		
3	LRIB	PL	200* 22	7079	172.7	245	735	SM490YB		
1	MIZUNUKI	FB	50* 6	672	2.360	1.59	2	SS400		
1	MIZUNUKI	FB	50* 6	668	2.360	1.58	2	SS400		
1	MIZUNUKI	FB	50* 6	677	2.360	1.60	2	SS400		
1	MIZUNUKI	FB	50* 6	690	2.360	1.63	2	SS400		
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70	
J28-J29										
11695 kg										

APPROACH BRIDGE GIRDER G2 J29-J30										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	2673* 14	8407	109.9	2469	2469	SM490YA		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
2	VSTF	PL	190* 15	2562	117.8	57.3	115	SM400A		
1	VSTF	PL	190* 15	2562	117.8	57.3	57	SM400A		
1	HSTF	PL	140* 11	299	86.35	3.61	4	SM400A		
6	HSTF	PL	140* 11	1095	86.35	13.2	79	SM400A		
1	HSTF	PL	140* 11	299	86.35	3.61	4	SM400A		
1	RWEB	PL	2727* 14	8408	109.9	2520	2520	SM490YA		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
3	VSTF	PL	190* 15	2612	117.8	58.5	176	SM400A		
1	HSTF	PL	140* 11	299	86.35	3.61	4	SM400A		
6	HSTF	PL	140* 11	1095	86.35	13.2	79	SM400A		
1	HSTF	PL	140* 11	299	86.35	3.61	4	SM400A		
1	LFLG	PL	2940* 35	8397	274.8	6785	6785	SM490YB		
3	LRIB	PL	200* 22	8377	172.7	289	867	SM490YB		
1	MIZUNUKI	FB	50* 6	672	2.360	1.59	2	SS400		
1	MIZUNUKI	FB	50* 6	668	2.360	1.58	2	SS400		
1	MIZUNUKI	FB	50* 6	677	2.360	1.60	2	SS400		

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1	MIZUNUKI	FB	50* 6	690	2.360	1.63	2	SS400		
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70	
J29-J30							13192 kg			

APPROACH BRIDGE GIRDER G2 J30-J31										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	2673* 14	8168	109.9	2399	2399	SM490YA		
6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A		
6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A		
1	VSTF	PL	190* 15	2562	117.8	57.3	57	SM400A		
2	VSTF	PL	190* 15	2562	117.8	57.3	115	SM400A		
1	VSTF	PL	190* 15	2562	117.8	57.3	57	SM400A		
1	HSTF	PL	140* 11	136	86.35	1.64	2	SM400A		
6	HSTF	PL	140* 11	1095	86.35	13.2	79	SM400A		
1	HSTF	PL	140* 11	216	86.35	2.61	3	SM400A		
1	RWEB	PL	2728* 14	8168	109.9	2449	2449	SM490YA		
6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A		
6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A		
4	VSTF	PL	190* 15	2612	117.8	58.5	234	SM400A		
6	HSTF	PL	140* 11	1095	86.35	13.2	79	SM400A		
1	HSTF	PL	140* 11	216	86.35	2.61	3	SM400A		
1	LFLG	PL	2940* 28	8159	219.8	5273	5273	SM490YB		
3	LRIB	PL	200* 22	8139	172.7	281	843	SM490YB		
1	MIZUNUKI	FB	50* 6	672	2.360	1.59	2	SS400		
1	MIZUNUKI	FB	50* 6	668	2.360	1.58	2	SS400		
1	MIZUNUKI	FB	50* 6	677	2.360	1.60	2	SS400		
1	MIZUNUKI	FB	50* 6	690	2.360	1.63	2	SS400		
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70	
J30-J31							11626 kg			

APPROACH BRIDGE GIRDER G2 J31-J32										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	2673* 14	8277	109.9	2431	2431	SM490YA		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
1	VSTF	PL	190* 15	2562	117.8	57.3	57	SM400A		
2	VSTF	PL	190* 15	2562	117.8	57.3	115	SM400A		
1	HSTF	PL	140* 11	219	86.35	2.65	3	SM400A		
1	HSTF	PL	140* 11	1101	86.35	13.3	13	SM400A		
1	HSTF	PL	140* 11	1101	86.35	13.3	13	SM400A		

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2	HSTF	PL	140* 11	1106	86.35	13.4	27	SM400A		
1	HSTF	PL	140* 11	1093	86.35	13.2	13	SM400A		
1	HSTF	PL	140* 11	1092	86.35	13.2	13	SM400A		
1	HSTF	PL	140* 11	221	86.35	2.67	3	SM400A		
1	RWEB	PL	2727* 14	8219	109.9	2463	2463	SM490YA		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
1	VSTF	PL	190* 15	2612	117.8	58.5	58	SM400A		
2	VSTF	PL	190* 15	2612	117.8	58.5	117	SM400A		
1	HSTF	PL	140* 11	219	86.35	2.65	3	SM400A		
4	HSTF	PL	140* 11	1095	86.35	13.2	53	SM400A		
2	HSTF	PL	140* 11	1082	86.35	13.1	26	SM400A		
1	HSTF	PL	140* 11	216	86.35	2.61	3	SM400A		
1	LFLG	PL	2965* 18	8271	141.3	3465	3465	SM490YB		
3	LRIB	PL	170* 17	8220	133.4	186	558	SM490YB		
1	MIZUNUKI	FB	50* 6	672	2.360	1.59	2	SS400		
1	MIZUNUKI	FB	50* 6	668	2.360	1.58	2	SS400		
1	MIZUNUKI	FB	50* 6	677	2.360	1.60	2	SS400		
1	MIZUNUKI	FB	50* 6	690	2.360	1.63	2	SS400		
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70	
J31-J32										
9463 kg										

APPROACH BRIDGE GIRDER G2 J32-GE2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	2673* 14	7444	109.9	2187	2187	SM490YA		
4	HANGER	PL	90* 9	150	70.65	0.954	4	SM400A		
4	HANGER	PL	90* 9	150	70.65	0.954	4	SM400A		
2	VSTF	PL	190* 15	2562	117.8	57.3	115	SM400A		
1	VSTF	PL	190* 15	2562	117.8	57.3	57	SM400A		
1	HSTF	PL	140* 11	225	86.35	2.72	3	SM400A		
1	HSTF	PL	140* 11	1107	86.35	13.4	13	SM400A		
3	HSTF	PL	140* 11	1081	86.35	13.1	39	SM400A		
1	HSTF	PL	140* 11	1077	86.35	13.0	13	SM400A		
1	RWEB	PL	2727* 14	7400	109.9	2218	2218	SM490YA		
4	HANGER	PL	90* 9	150	70.65	0.954	4	SM400A		
4	HANGER	PL	90* 9	150	70.65	0.954	4	SM400A		
2	VSTF	PL	190* 15	2612	117.8	58.5	117	SM400A		
1	VSTF	PL	190* 15	2612	117.8	58.5	58	SM400A		
1	HSTF	PL	140* 11	206	86.35	2.49	2	SM400A		
1	HSTF	PL	140* 11	1082	86.35	13.1	13	SM400A		
3	HSTF	PL	140* 11	1081	86.35	13.1	39	SM400A		
1	HSTF	PL	140* 11	1077	86.35	13.0	13	SM400A		

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1	LFLG	PL	2952* 10	7438	78.50	1724	1724	SM490YA		
3	LRIB	PL	170* 17	7394	133.4	168	504	SM490YB		
1	SOLE	PL	1130* 41	970	321.8	335	335	SM490C	95	
1	MIZUNUKI	FB	50* 6	672	2.360	1.59	2	SS400		
1	MIZUNUKI	FB	50* 6	668	2.360	1.58	2	SS400		
1	MIZUNUKI	FB	50* 6	677	2.360	1.60	2	SS400		
1	MIZUNUKI	FB	50* 6	690	2.360	1.63	2	SS400		
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70	
2	FLG	PL	200* 22	2690	172.7	92.9	186	SM400A		
2	WEB	PL	400* 22	2690	172.7	186	372	SM400A		
J32-GE2							8033 kg			
G2							313095 kg			

APPROACH BRIDGE GIRDER G3 GE1-J1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	2727* 14	8407	109.9	2520	2520	SM490YA		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
1	VSTF	PL	190* 15	2612	117.8	58.5	58	SM400A		
2	VSTF	PL	190* 15	2612	117.8	58.5	117	SM400A		
1	HSTF	PL	140* 11	1076	86.35	13.0	13	SM400A		
1	HSTF	PL	140* 11	1079	86.35	13.0	13	SM400A		
1	HSTF	PL	140* 11	1080	86.35	13.1	13	SM400A		
3	HSTF	PL	140* 11	1080	86.35	13.1	39	SM400A		
1	HSTF	PL	140* 11	286	86.35	3.46	3	SM400A		
1	RWEB	PL	2673* 14	8395	109.9	2466	2466	SM490YA		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
1	VSTF	PL	190* 15	2562	117.8	57.3	57	SM400A		
2	VSTF	PL	190* 15	2562	117.8	57.3	115	SM400A		
1	HSTF	PL	140* 11	1074	86.35	13.0	13	SM400A		
1	HSTF	PL	140* 11	1077	86.35	13.0	13	SM400A		
1	HSTF	PL	140* 11	1079	86.35	13.0	13	SM400A		
3	HSTF	PL	140* 11	1078	86.35	13.0	39	SM400A		
1	HSTF	PL	140* 11	286	86.35	3.46	3	SM400A		
1	LFLG	PL	2944* 10	8352	78.50	1930	1930	SM490YA		
3	LRIB	PL	170* 17	8325	133.4	189	567	SM490YB		
1	SOLE	PL	1130* 52	1020	408.2	447	447	SM490C	95	
1	MIZUNUKI	FB	50* 6	672	2.360	1.59	2	SS400		
1	MIZUNUKI	FB	50* 6	668	2.360	1.58	2	SS400		
1	MIZUNUKI	FB	50* 6	677	2.360	1.60	2	SS400		

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1	MIZUNUKI	FB	50* 6	690	2.360	1.63	2	SS400		
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70	
2	FLG	PL	200* 22	2690	172.7	92.9	186	SM400A		
2	WEB	PL	400* 22	2690	172.7	186	372	SM400A		
GE1-J1								9026 kg		

APPROACH BRIDGE GIRDER G3 J1-J2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	2727* 14	8324	109.9	2495	2495	SM490YA		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
2	VSTF	PL	190* 15	2612	117.8	58.5	117	SM400A		
2	VSTF	PL	190* 15	2612	117.8	58.5	117	SM400A		
1	HSTF	PL	140* 11	283	86.35	3.42	3	SM400A		
1	HSTF	PL	140* 11	1080	86.35	13.1	13	SM400A		
5	HSTF	PL	140* 11	1105	86.35	13.4	67	SM400A		
1	HSTF	PL	140* 11	221	86.35	2.67	3	SM400A		
1	RWEB	PL	2673* 14	8312	109.9	2442	2442	SM490YA		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
2	VSTF	PL	190* 15	2562	117.8	57.3	115	SM400A		
2	VSTF	PL	190* 15	2562	117.8	57.3	115	SM400A		
1	HSTF	PL	140* 11	283	86.35	3.42	3	SM400A		
1	HSTF	PL	140* 11	1078	86.35	13.0	13	SM400A		
5	HSTF	PL	140* 11	1103	86.35	13.3	66	SM400A		
1	HSTF	PL	140* 11	220	86.35	2.66	3	SM400A		
1	LFLG	PL	2944* 13	8270	102.0	2484	2484	SM490YA		
3	LRIB	PL	170* 17	8244	133.4	187	561	SM490YB		
1	MIZUNUKI	FB	50* 6	672	2.360	1.59	2	SS400		
1	MIZUNUKI	FB	50* 6	668	2.360	1.58	2	SS400		
1	MIZUNUKI	FB	50* 6	677	2.360	1.60	2	SS400		
1	MIZUNUKI	FB	50* 6	690	2.360	1.63	2	SS400		
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70	
J1-J2								8646 kg		

APPROACH BRIDGE GIRDER G3 J2-J3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	2726* 14	8360	109.9	2505	2505	SM490YA		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		

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2	VSTF	PL	190* 15	2612	117.8	58.5	117	SM400A			
1	VSTF	PL	190* 15	2612	117.8	58.5	58	SM400A			
1	HSTF	PL	140* 11	224	86.35	2.71	3	SM400A			
6	HSTF	PL	140* 11	1105	86.35	13.4	80	SM400A			
1	HSTF	PL	140* 11	224	86.35	2.71	3	SM400A			
1	RWEB	PL	2672* 14	8348	109.9	2452	2452	SM490YA			
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A			
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A			
2	VSTF	PL	190* 15	2562	117.8	57.3	115	SM400A			
1	VSTF	PL	190* 15	2562	117.8	57.3	57	SM400A			
1	HSTF	PL	140* 11	223	86.35	2.70	3	SM400A			
6	HSTF	PL	140* 11	1103	86.35	13.3	80	SM400A			
1	HSTF	PL	140* 11	223	86.35	2.70	3	SM400A			
1	LFLG	PL	2944* 18	8308	141.3	3456	3456	SM490YB			
3	LRIB	PL	170* 17	8282	133.4	188	564	SM490YB			
1	MIZUNUKI	FB	50* 6	672	2.360	1.59	2	SS400			
1	MIZUNUKI	FB	50* 6	668	2.360	1.58	2	SS400			
1	MIZUNUKI	FB	50* 6	677	2.360	1.60	2	SS400			
1	MIZUNUKI	FB	50* 6	690	2.360	1.63	2	SS400			
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70		
J2-J3											
								9525 kg			

APPROACH BRIDGE GIRDER G3 J3-J4

Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	2726* 14	8308	109.9	2489	2489	SM490YA		
6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A		
6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A		
1	VSTF	PL	190* 15	2612	117.8	58.5	58	SM400A		
2	VSTF	PL	190* 15	2612	117.8	58.5	117	SM400A		
1	VSTF	PL	190* 15	2612	117.8	58.5	58	SM400A		
1	HSTF	PL	140* 11	221	86.35	2.67	3	SM400A		
6	HSTF	PL	140* 11	1105	86.35	13.4	80	SM400A		
1	HSTF	PL	140* 11	171	86.35	2.07	2	SM400A		
1	RWEB	PL	2672* 14	8296	109.9	2436	2436	SM490YA		
6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A		
6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A		
1	VSTF	PL	190* 15	2562	117.8	57.3	57	SM400A		
2	VSTF	PL	190* 15	2562	117.8	57.3	115	SM400A		
1	VSTF	PL	190* 15	2562	117.8	57.3	57	SM400A		
1	HSTF	PL	140* 11	220	86.35	2.66	3	SM400A		
6	HSTF	PL	140* 11	1103	86.35	13.3	80	SM400A		
1	HSTF	PL	140* 11	170	86.35	2.06	2	SM400A		

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1	LFLG	PL	2944* 20	8258	157.0	3817	3817	SM490YB		
3	LRIB	PL	170* 17	8232	133.4	187	561	SM490YB		
1	MIZUNUKI	FB	50* 6	672	2.360	1.59	2	SS400		
1	MIZUNUKI	FB	50* 6	668	2.360	1.58	2	SS400		
1	MIZUNUKI	FB	50* 6	677	2.360	1.60	2	SS400		
1	MIZUNUKI	FB	50* 6	690	2.360	1.63	2	SS400		
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70	
J3-J4							9968 kg			

APPROACH BRIDGE GIRDER G3 J4-J5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	2726* 14	8406	109.9	2518	2518	SM490YA		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
1	VSTF	PL	190* 15	2612	117.8	58.5	58	SM400A		
2	VSTF	PL	190* 15	2612	117.8	58.5	117	SM400A		
1	HSTF	PL	140* 11	274	86.35	3.31	3	SM400A		
6	HSTF	PL	140* 11	1105	86.35	13.4	80	SM400A		
1	HSTF	PL	140* 11	224	86.35	2.71	3	SM400A		
1	RWEB	PL	2672* 14	8394	109.9	2465	2465	SM490YA		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
1	VSTF	PL	190* 15	2562	117.8	57.3	57	SM400A		
2	VSTF	PL	190* 15	2562	117.8	57.3	115	SM400A		
1	HSTF	PL	140* 11	273	86.35	3.30	3	SM400A		
6	HSTF	PL	140* 11	1103	86.35	13.3	80	SM400A		
1	HSTF	PL	140* 11	223	86.35	2.70	3	SM400A		
1	LFLG	PL	2944* 20	8357	157.0	3862	3862	SM490YB		
3	LRIB	PL	170* 17	8331	133.4	189	567	SM490YB		
1	MIZUNUKI	FB	50* 6	672	2.360	1.59	2	SS400		
1	MIZUNUKI	FB	50* 6	668	2.360	1.58	2	SS400		
1	MIZUNUKI	FB	50* 6	677	2.360	1.60	2	SS400		
1	MIZUNUKI	FB	50* 6	690	2.360	1.63	2	SS400		
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70	
J4-J5							9960 kg			

APPROACH BRIDGE GIRDER G3 J5-J6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	2726* 14	8355	109.9	2504	2504	SM490YA		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		

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5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A			
2	VSTF	PL	190* 15	2612	117.8	58.5	117	SM400A			
2	VSTF	PL	190* 15	2612	117.8	58.5	117	SM400A			
1	HSTF	PL	140* 11	221	86.35	2.67	3	SM400A			
6	HSTF	PL	140* 11	1105	86.35	13.4	80	SM400A			
1	HSTF	PL	140* 11	221	86.35	2.67	3	SM400A			
1	RWEB	PL	2672* 14	8343	109.9	2450	2450	SM490YA			
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A			
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A			
2	VSTF	PL	190* 15	2562	117.8	57.3	115	SM400A			
2	VSTF	PL	190* 15	2562	117.8	57.3	115	SM400A			
1	HSTF	PL	140* 11	220	86.35	2.66	3	SM400A			
6	HSTF	PL	140* 11	1103	86.35	13.3	80	SM400A			
1	HSTF	PL	140* 11	220	86.35	2.66	3	SM400A			
1	LFLG	PL	2944* 18	8307	141.3	3456	3456	SM490YB			
3	LRIB	PL	170* 17	8281	133.4	188	564	SM490YB			
1	MIZUNUKI	FB	50* 6	672	2.360	1.59	2	SS400			
1	MIZUNUKI	FB	50* 6	668	2.360	1.58	2	SS400			
1	MIZUNUKI	FB	50* 6	677	2.360	1.60	2	SS400			
1	MIZUNUKI	FB	50* 6	690	2.360	1.63	2	SS400			
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70		
J5-J6											
								9639 kg			

APPROACH BRIDGE GIRDER G3 J6-J7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	2727* 14	8353	109.9	2504	2504	SM490YA		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
2	VSTF	PL	190* 15	2612	117.8	58.5	117	SM400A		
1	VSTF	PL	190* 15	2612	117.8	58.5	58	SM400A		
1	HSTF	PL	140* 11	224	86.35	2.71	3	SM400A		
6	HSTF	PL	140* 11	1105	86.35	13.4	80	SM400A		
1	HSTF	PL	140* 11	299	86.35	3.61	4	SM400A		
1	RWEB	PL	2673* 14	8341	109.9	2451	2451	SM490YA		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
2	VSTF	PL	190* 15	2562	117.8	57.3	115	SM400A		
1	VSTF	PL	190* 15	2562	117.8	57.3	57	SM400A		
1	HSTF	PL	140* 11	223	86.35	2.70	3	SM400A		
6	HSTF	PL	140* 11	1103	86.35	13.3	80	SM400A		
1	HSTF	PL	140* 11	298	86.35	3.60	4	SM400A		
1	LFLG	PL	2944* 12	8307	94.20	2304	2304	SM490YA		

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3	LRIB	PL	170* 17	8281	133.4	188	564	SM490YB		
4	LRIB	PL	170* 17	544	133.4	12.3	49	SM490YB		
1	MIZUNUKI	FB	50* 6	672	2.360	1.59	2	SS400		
1	MIZUNUKI	FB	50* 6	668	2.360	1.58	2	SS400		
1	MIZUNUKI	FB	50* 6	677	2.360	1.60	2	SS400		
1	MIZUNUKI	FB	50* 6	690	2.360	1.63	2	SS400		
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70	
J6-J7							8422 kg			

APPROACH BRIDGE GIRDER G3 J7-J8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	2727* 14	8351	109.9	2502	2502	SM490YA		
6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A		
6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A		
1	VSTF	PL	190* 15	2647	117.8	59.2	59	SM400A		
2	VSTF	PL	190* 15	2647	117.8	59.2	118	SM400A		
1	VSTF	PL	190* 15	2647	117.8	59.2	59	SM400A		
1	HSTF	PL	140* 11	296	86.35	3.58	4	SM400A		
3	HSTF	PL	140* 11	1105	86.35	13.4	40	SM400A		
2	HSTF	PL	140* 11	1102	86.35	13.3	27	SM400A		
2	HSTF	PL	140* 11	1105	86.35	13.4	27	SM400A		
2	HSTF	PL	140* 11	1102	86.35	13.3	27	SM400A		
1	HSTF	PL	140* 11	221	86.35	2.67	3	SM400A		
1	RWEB	PL	2673* 14	8339	109.9	2450	2450	SM490YA		
6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A		
6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A		
1	VSTF	PL	190* 15	2597	117.8	58.1	58	SM400A		
2	VSTF	PL	190* 15	2597	117.8	58.1	116	SM400A		
1	VSTF	PL	190* 15	2597	117.8	58.1	58	SM400A		
1	HSTF	PL	140* 11	295	86.35	3.57	4	SM400A		
3	HSTF	PL	140* 11	1103	86.35	13.3	40	SM400A		
2	HSTF	PL	140* 11	1100	86.35	13.3	27	SM400A		
2	HSTF	PL	140* 11	1103	86.35	13.3	27	SM400A		
2	HSTF	PL	140* 11	1100	86.35	13.3	27	SM400A		
1	HSTF	PL	140* 11	220	86.35	2.66	3	SM400A		
1	LFLG	PL	2944* 10	8307	78.50	1920	1920	SM490YA		
7	LRIB	PL	170* 17	8281	133.4	188	1316	SM490YB		
1	MIZUNUKI	FB	50* 6	330	2.360	0.779	1	SS400		
3	MIZUNUKI	FB	50* 6	327	2.360	0.772	2	SS400		
1	MIZUNUKI	FB	50* 6	329	2.360	0.776	1	SS400		
2	MIZUNUKI	FB	50* 6	331	2.360	0.781	2	SS400		
1	MIZUNUKI	FB	50* 6	334	2.360	0.788	1	SS400		

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1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70	
J7-J8							8944 kg			

APPROACH BRIDGE GIRDER G3 J8-J9										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	2727* 14	7025	109.9	2106	2106	SM490YA		
4	HANGER	PL	90* 9	150	70.65	0.954	4	SM400A		
4	HANGER	PL	90* 9	150	70.65	0.954	4	SM400A		
1	VSTF	PL	190* 15	2647	117.8	59.2	59	SM400A		
2	VSTF	PL	190* 15	2647	117.8	59.2	118	SM400A		
1	HSTF	PL	140* 11	881	86.35	10.6	11	SM400A		
2	HSTF	PL	140* 11	1077	86.35	13.0	26	SM400A		
2	HSTF	PL	140* 11	1080	86.35	13.1	26	SM400A		
1	HSTF	PL	140* 11	208	86.35	2.51	3	SM400A		
1	RWEB	PL	2673* 14	7015	109.9	2061	2061	SM490YA		
4	HANGER	PL	90* 9	150	70.65	0.954	4	SM400A		
4	HANGER	PL	90* 9	150	70.65	0.954	4	SM400A		
1	VSTF	PL	190* 15	2597	117.8	58.1	58	SM400A		
2	VSTF	PL	190* 15	2597	117.8	58.1	116	SM400A		
1	HSTF	PL	140* 11	879	86.35	10.6	11	SM400A		
2	HSTF	PL	140* 11	1075	86.35	13.0	26	SM400A		
2	HSTF	PL	140* 11	1078	86.35	13.0	26	SM400A		
1	HSTF	PL	140* 11	208	86.35	2.51	3	SM400A		
1	LFLG	PL	2943* 12	6983	94.20	1936	1936	SM490YA		
7	LRIB	PL	170* 17	6958	133.4	158	1106	SM490YB		
1	MIZUNUKI	FB	50* 6	330	2.360	0.779	1	SS400		
3	MIZUNUKI	FB	50* 6	327	2.360	0.772	2	SS400		
1	MIZUNUKI	FB	50* 6	329	2.360	0.776	1	SS400		
2	MIZUNUKI	FB	50* 6	331	2.360	0.781	2	SS400		
1	MIZUNUKI	FB	50* 6	334	2.360	0.788	1	SS400		
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70	
J8-J9							7716 kg			

APPROACH BRIDGE GIRDER G3 J9-J10										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	2727* 14	5897	109.9	1767	1767	SM490YA		
4	HANGER	PL	90* 9	150	70.65	0.954	4	SM400A		
4	HANGER	PL	90* 9	150	70.65	0.954	4	SM400A		
2	VSTF	PL	190* 15	2647	117.8	59.2	118	SM400A		
1	HSTF	PL	140* 11	208	86.35	2.51	3	SM400A		

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1	HSTF	PL	140* 11	1077	86.35	13.0	13	SM400A		
1	HSTF	PL	140* 11	959	86.35	11.6	12	SM400A		
1	HSTF	PL	140* 11	978	86.35	11.8	12	SM400A		
1	HSTF	PL	140* 11	1095	86.35	13.2	13	SM400A		
1	HSTF	PL	140* 11	218	86.35	2.64	3	SM400A		
1	RWEB	PL	2673* 14	5888	109.9	1730	1730	SM490YA		
4	HANGER	PL	90* 9	150	70.65	0.954	4	SM400A		
4	HANGER	PL	90* 9	150	70.65	0.954	4	SM400A		
2	VSTF	PL	190* 15	2597	117.8	58.1	116	SM400A		
1	HSTF	PL	140* 11	208	86.35	2.51	3	SM400A		
1	HSTF	PL	140* 11	1075	86.35	13.0	13	SM400A		
1	HSTF	PL	140* 11	943	86.35	11.4	11	SM400A		
1	HSTF	PL	140* 11	961	86.35	11.6	12	SM400A		
1	HSTF	PL	140* 11	1094	86.35	13.2	13	SM400A		
1	HSTF	PL	140* 11	217	86.35	2.62	3	SM400A		
1	LFLG	PL	2942* 14	5856	109.9	1894	1894	SM490YA		
7	LRIB	PL	200* 22	5831	172.7	201	1407	SM490YB		
1	SOLE	PL	1100* 48	970	376.8	382	382	SM490C	95	
1	MIZUNUKI	FB	50* 6	330	2.360	0.779	1	SS400		
3	MIZUNUKI	FB	50* 6	327	2.360	0.772	2	SS400		
1	MIZUNUKI	FB	50* 6	329	2.360	0.776	1	SS400		
2	MIZUNUKI	FB	50* 6	331	2.360	0.781	2	SS400		
1	MIZUNUKI	FB	50* 6	334	2.360	0.788	1	SS400		
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70	
2	FLG	PL	180* 13	2690	102.0	49.4	99	SM400A		
2	WEB	PL	400* 13	2690	102.0	110	220	SM400A		
J9-J10										
7868 kg										

APPROACH BRIDGE GIRDER G3 J10-J11										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	2727* 14	7132	109.9	2138	2138	SM490YA		
4	HANGER	PL	90* 9	150	70.65	0.954	4	SM400A		
4	HANGER	PL	90* 9	150	70.65	0.954	4	SM400A		
2	VSTF	PL	190* 15	2647	117.8	59.2	118	SM400A		
1	VSTF	PL	190* 15	2647	117.8	59.2	59	SM400A		
1	HSTF	PL	140* 11	218	86.35	2.64	3	SM400A		
2	HSTF	PL	140* 11	1098	86.35	13.3	27	SM400A		
2	HSTF	PL	140* 11	1095	86.35	13.2	26	SM400A		
1	HSTF	PL	140* 11	899	86.35	10.9	11	SM400A		
1	RWEB	PL	2673* 14	7122	109.9	2092	2092	SM490YA		
4	HANGER	PL	90* 9	150	70.65	0.954	4	SM400A		
4	HANGER	PL	90* 9	150	70.65	0.954	4	SM400A		

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2	VSTF	PL	190* 15	2597	117.8	58.1	116	SM400A		
1	VSTF	PL	190* 15	2597	117.8	58.1	58	SM400A		
1	HSTF	PL	140* 11	217	86.35	2.62	3	SM400A		
2	HSTF	PL	140* 11	1097	86.35	13.3	27	SM400A		
2	HSTF	PL	140* 11	1094	86.35	13.2	26	SM400A		
1	HSTF	PL	140* 11	898	86.35	10.9	11	SM400A		
1	LFLG	PL	2943* 12	7092	94.20	1966	1966	SM490YA		
7	LRIB	PL	170* 17	7067	133.4	160	1120	SM490YB		
1	MIZUNUKI	FB	50* 6	330	2.360	0.779	1	SS400		
3	MIZUNUKI	FB	50* 6	327	2.360	0.772	2	SS400		
1	MIZUNUKI	FB	50* 6	329	2.360	0.776	1	SS400		
2	MIZUNUKI	FB	50* 6	331	2.360	0.781	2	SS400		
1	MIZUNUKI	FB	50* 6	334	2.360	0.788	1	SS400		
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70	
J10-J11							7825 kg			

APPROACH BRIDGE GIRDER G3 J11-J12										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	2727* 14	8433	109.9	2528	2528	SM490YA		
6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A		
6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A		
1	VSTF	PL	190* 15	2647	117.8	59.2	59	SM400A		
2	VSTF	PL	190* 15	2647	117.8	59.2	118	SM400A		
1	VSTF	PL	190* 15	2647	117.8	59.2	59	SM400A		
3	HSTF	PL	140* 11	1117	86.35	13.5	40	SM400A		
1	HSTF	PL	140* 11	302	86.35	3.65	4	SM400A		
1	HSTF	PL	140* 11	302	86.35	3.65	4	SM400A		
2	HSTF	PL	140* 11	1114	86.35	13.5	27	SM400A		
2	HSTF	PL	140* 11	1117	86.35	13.5	27	SM400A		
2	HSTF	PL	140* 11	1114	86.35	13.5	27	SM400A		
1	HSTF	PL	140* 11	302	86.35	3.65	4	SM400A		
1	RWEB	PL	2673* 14	8421	109.9	2474	2474	SM490YA		
6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A		
6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A		
1	VSTF	PL	190* 15	2597	117.8	58.1	58	SM400A		
2	VSTF	PL	190* 15	2597	117.8	58.1	116	SM400A		
1	VSTF	PL	190* 15	2597	117.8	58.1	58	SM400A		
2	HSTF	PL	140* 11	1116	86.35	13.5	27	SM400A		
1	HSTF	PL	140* 11	1115	86.35	13.5	14	SM400A		
1	HSTF	PL	140* 11	301	86.35	3.64	4	SM400A		
1	HSTF	PL	140* 11	301	86.35	3.64	4	SM400A		
2	HSTF	PL	140* 11	1113	86.35	13.5	27	SM400A		

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2	HSTF	PL	140* 11	1116	86.35	13.5	27	SM400A		
1	HSTF	PL	140* 11	1113	86.35	13.5	14	SM400A		
1	HSTF	PL	140* 11	1112	86.35	13.4	13	SM400A		
1	HSTF	PL	140* 11	301	86.35	3.64	4	SM400A		
1	LFLG	PL	2944* 10	8394	78.50	1940	1940	SM490YA		
7	LRIB	PL	170* 17	8368	133.4	190	1330	SM490YB		
1	MIZUNUKI	FB	50* 6	330	2.360	0.779	1	SS400		
3	MIZUNUKI	FB	50* 6	327	2.360	0.772	2	SS400		
1	MIZUNUKI	FB	50* 6	329	2.360	0.776	1	SS400		
2	MIZUNUKI	FB	50* 6	331	2.360	0.781	2	SS400		
1	MIZUNUKI	FB	50* 6	334	2.360	0.788	1	SS400		
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70	
J11-J12										
9039 kg										

APPROACH BRIDGE GIRDER G3 J12-J13										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	2727* 14	8431	109.9	2527	2527	SM490YA		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
1	VSTF	PL	190* 15	2647	117.8	59.2	59	SM400A		
2	VSTF	PL	190* 15	2647	117.8	59.2	118	SM400A		
1	HSTF	PL	140* 11	305	86.35	3.69	4	SM400A		
6	HSTF	PL	140* 11	1117	86.35	13.5	81	SM400A		
1	HSTF	PL	140* 11	305	86.35	3.69	4	SM400A		
1	HSTF	PL	140* 11	918	86.35	11.1	11	SM400A		
2	HSTF	PL	140* 11	1114	86.35	13.5	27	SM400A		
2	HSTF	PL	140* 11	1117	86.35	13.5	27	SM400A		
1	HSTF	PL	140* 11	1114	86.35	13.5	14	SM400A		
1	HSTF	PL	140* 11	302	86.35	3.65	4	SM400A		
1	RWEB	PL	2673* 14	8419	109.9	2473	2473	SM490YA		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
1	VSTF	PL	190* 15	2597	117.8	58.1	58	SM400A		
2	VSTF	PL	190* 15	2597	117.8	58.1	116	SM400A		
1	HSTF	PL	140* 11	304	86.35	3.68	4	SM400A		
6	HSTF	PL	140* 11	1115	86.35	13.5	81	SM400A		
1	HSTF	PL	140* 11	304	86.35	3.68	4	SM400A		
1	HSTF	PL	140* 11	916	86.35	11.1	11	SM400A		
2	HSTF	PL	140* 11	1112	86.35	13.4	27	SM400A		
2	HSTF	PL	140* 11	1115	86.35	13.5	27	SM400A		
1	HSTF	PL	140* 11	1112	86.35	13.4	13	SM400A		
1	HSTF	PL	140* 11	301	86.35	3.64	4	SM400A		

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1	LFLG	PL	2944* 10	8394	78.50	1940	1940	SM490YA		
7	LRIB	PL	170* 17	8368	133.4	190	1330	SM490YB		
1	MIZUNUKI	FB	50* 6	330	2.360	0.779	1	SS400		
3	MIZUNUKI	FB	50* 6	327	2.360	0.772	2	SS400		
1	MIZUNUKI	FB	50* 6	329	2.360	0.776	1	SS400		
2	MIZUNUKI	FB	50* 6	331	2.360	0.781	2	SS400		
1	MIZUNUKI	FB	50* 6	334	2.360	0.788	1	SS400		
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70	
J12-J13							8992 kg			

APPROACH BRIDGE GIRDER G3 J13-J14										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	2727* 14	7230	109.9	2167	2167	SM490YA		
4	HANGER	PL	90* 9	150	70.65	0.954	4	SM400A		
4	HANGER	PL	90* 9	150	70.65	0.954	4	SM400A		
2	VSTF	PL	190* 15	2647	117.8	59.2	118	SM400A		
1	VSTF	PL	190* 15	2647	117.8	59.2	59	SM400A		
1	HSTF	PL	140* 11	302	86.35	3.65	4	SM400A		
5	HSTF	PL	140* 11	1117	86.35	13.5	68	SM400A		
1	HSTF	PL	140* 11	305	86.35	3.69	4	SM400A		
1	HSTF	PL	140* 11	302	86.35	3.65	4	SM400A		
1	HSTF	PL	140* 11	918	86.35	11.1	11	SM400A		
1	HSTF	PL	140* 11	918	86.35	11.1	11	SM400A		
2	HSTF	PL	140* 11	1114	86.35	13.5	27	SM400A		
1	HSTF	PL	140* 11	1117	86.35	13.5	14	SM400A		
1	HSTF	PL	140* 11	305	86.35	3.69	4	SM400A		
1	RWEB	PL	2673* 14	7220	109.9	2121	2121	SM490YA		
4	HANGER	PL	90* 9	150	70.65	0.954	4	SM400A		
4	HANGER	PL	90* 9	150	70.65	0.954	4	SM400A		
2	VSTF	PL	190* 15	2597	117.8	58.1	116	SM400A		
1	VSTF	PL	190* 15	2597	117.8	58.1	58	SM400A		
1	HSTF	PL	140* 11	301	86.35	3.64	4	SM400A		
5	HSTF	PL	140* 11	1115	86.35	13.5	68	SM400A		
1	HSTF	PL	140* 11	304	86.35	3.68	4	SM400A		
1	HSTF	PL	140* 11	301	86.35	3.64	4	SM400A		
1	HSTF	PL	140* 11	916	86.35	11.1	11	SM400A		
1	HSTF	PL	140* 11	916	86.35	11.1	11	SM400A		
2	HSTF	PL	140* 11	1112	86.35	13.4	27	SM400A		
1	HSTF	PL	140* 11	1115	86.35	13.5	14	SM400A		
1	HSTF	PL	140* 11	304	86.35	3.68	4	SM400A		
1	LFLG	PL	2943* 10	7195	78.50	1662	1662	SM490YA		
7	LRIB	PL	170* 17	7170	133.4	163	1141	SM490YB		

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1	MIZUNUKI	FB	50* 6	330	2.360	0.779	1	SS400		
3	MIZUNUKI	FB	50* 6	327	2.360	0.772	2	SS400		
1	MIZUNUKI	FB	50* 6	329	2.360	0.776	1	SS400		
2	MIZUNUKI	FB	50* 6	331	2.360	0.781	2	SS400		
1	MIZUNUKI	FB	50* 6	334	2.360	0.788	1	SS400		
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70	
J13-J14 7760 kg										

APPROACH BRIDGE GIRDER G3 J14-J15										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	2727* 14	8428	109.9	2526	2526	SM490YA		
6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A		
6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A		
1	VSTF	PL	190* 15	2647	117.8	59.2	59	SM400A		
2	VSTF	PL	190* 15	2647	117.8	59.2	118	SM400A		
1	VSTF	PL	190* 15	2647	117.8	59.2	59	SM400A		
1	HSTF	PL	140* 11	302	86.35	3.65	4	SM400A		
6	HSTF	PL	140* 11	1117	86.35	13.5	81	SM400A		
1	HSTF	PL	140* 11	302	86.35	3.65	4	SM400A		
1	HSTF	PL	140* 11	302	86.35	3.65	4	SM400A		
2	HSTF	PL	140* 11	1114	86.35	13.5	27	SM400A		
1	HSTF	PL	140* 11	918	86.35	11.1	11	SM400A		
1	HSTF	PL	140* 11	918	86.35	11.1	11	SM400A		
2	HSTF	PL	140* 11	1114	86.35	13.5	27	SM400A		
1	HSTF	PL	140* 11	302	86.35	3.65	4	SM400A		
1	RWEB	PL	2673* 14	8416	109.9	2473	2473	SM490YA		
6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A		
6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A		
1	VSTF	PL	190* 15	2597	117.8	58.1	58	SM400A		
2	VSTF	PL	190* 15	2597	117.8	58.1	116	SM400A		
1	VSTF	PL	190* 15	2597	117.8	58.1	58	SM400A		
1	HSTF	PL	140* 11	301	86.35	3.64	4	SM400A		
6	HSTF	PL	140* 11	1115	86.35	13.5	81	SM400A		
1	HSTF	PL	140* 11	301	86.35	3.64	4	SM400A		
1	HSTF	PL	140* 11	301	86.35	3.64	4	SM400A		
2	HSTF	PL	140* 11	1112	86.35	13.4	27	SM400A		
1	HSTF	PL	140* 11	916	86.35	11.1	11	SM400A		
1	HSTF	PL	140* 11	916	86.35	11.1	11	SM400A		
2	HSTF	PL	140* 11	1112	86.35	13.4	27	SM400A		
1	HSTF	PL	140* 11	301	86.35	3.64	4	SM400A		
1	LFLG	PL	2944* 10	8394	78.50	1940	1940	SM490YA		
7	LRIB	PL	170* 17	8368	133.4	190	1330	SM490YB		

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1	MIZUNUKI	FB	50* 6	330	2.360	0.779	1	SS400		
3	MIZUNUKI	FB	50* 6	327	2.360	0.772	2	SS400		
1	MIZUNUKI	FB	50* 6	329	2.360	0.776	1	SS400		
2	MIZUNUKI	FB	50* 6	331	2.360	0.781	2	SS400		
1	MIZUNUKI	FB	50* 6	334	2.360	0.788	1	SS400		
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70	
J14-J15										
								9115 kg		

APPROACH BRIDGE GIRDER G3 J15-J16										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	2727* 14	7227	109.9	2166	2166	SM490YA		
4	HANGER	PL	90* 9	150	70.65	0.954	4	SM400A		
4	HANGER	PL	90* 9	150	70.65	0.954	4	SM400A		
1	VSTF	PL	190* 15	2647	117.8	59.2	59	SM400A		
2	VSTF	PL	190* 15	2647	117.8	59.2	118	SM400A		
1	HSTF	PL	140* 11	305	86.35	3.69	4	SM400A		
5	HSTF	PL	140* 11	1117	86.35	13.5	68	SM400A		
1	HSTF	PL	140* 11	302	86.35	3.65	4	SM400A		
1	HSTF	PL	140* 11	305	86.35	3.69	4	SM400A		
1	HSTF	PL	140* 11	1117	86.35	13.5	14	SM400A		
2	HSTF	PL	140* 11	1114	86.35	13.5	27	SM400A		
1	HSTF	PL	140* 11	918	86.35	11.1	11	SM400A		
1	HSTF	PL	140* 11	918	86.35	11.1	11	SM400A		
1	HSTF	PL	140* 11	302	86.35	3.65	4	SM400A		
1	RWEB	PL	2673* 14	7216	109.9	2120	2120	SM490YA		
4	HANGER	PL	90* 9	150	70.65	0.954	4	SM400A		
4	HANGER	PL	90* 9	150	70.65	0.954	4	SM400A		
1	VSTF	PL	190* 15	2597	117.8	58.1	58	SM400A		
2	VSTF	PL	190* 15	2597	117.8	58.1	116	SM400A		
1	HSTF	PL	140* 11	304	86.35	3.68	4	SM400A		
5	HSTF	PL	140* 11	1115	86.35	13.5	68	SM400A		
1	HSTF	PL	140* 11	301	86.35	3.64	4	SM400A		
1	HSTF	PL	140* 11	304	86.35	3.68	4	SM400A		
1	HSTF	PL	140* 11	1115	86.35	13.5	14	SM400A		
2	HSTF	PL	140* 11	1112	86.35	13.4	27	SM400A		
1	HSTF	PL	140* 11	916	86.35	11.1	11	SM400A		
1	HSTF	PL	140* 11	916	86.35	11.1	11	SM400A		
1	HSTF	PL	140* 11	301	86.35	3.64	4	SM400A		
1	LFLG	PL	2943* 10	7195	78.50	1662	1662	SM490YA		
7	LRIB	PL	170* 17	7170	133.4	163	1141	SM490YB		
1	MIZUNUKI	FB	50* 6	330	2.360	0.779	1	SS400		
3	MIZUNUKI	FB	50* 6	327	2.360	0.772	2	SS400		

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1	MIZUNUKI	FB	50* 6	329	2.360	0.776	1	SS400		
2	MIZUNUKI	FB	50* 6	331	2.360	0.781	2	SS400		
1	MIZUNUKI	FB	50* 6	334	2.360	0.788	1	SS400		
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70	
J15-J16								7758 kg		

APPROACH BRIDGE GIRDER G3 J16-J17										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	2727* 14	8424	109.9	2524	2524	SM490YA		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
2	VSTF	PL	190* 15	2647	117.8	59.2	118	SM400A		
1	VSTF	PL	190* 15	2647	117.8	59.2	59	SM400A		
1	HSTF	PL	140* 11	305	86.35	3.69	4	SM400A		
4	HSTF	PL	140* 11	1117	86.35	13.5	54	SM400A		
1	HSTF	PL	140* 11	302	86.35	3.65	4	SM400A		
1	HSTF	PL	140* 11	1114	86.35	13.5	14	SM400A		
2	HSTF	PL	140* 11	1117	86.35	13.5	27	SM400A		
2	HSTF	PL	140* 11	1114	86.35	13.5	27	SM400A		
1	HSTF	PL	140* 11	918	86.35	11.1	11	SM400A		
1	RWEB	PL	2673* 14	8412	109.9	2472	2472	SM490YA		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
2	VSTF	PL	190* 15	2597	117.8	58.1	116	SM400A		
1	VSTF	PL	190* 15	2597	117.8	58.1	58	SM400A		
1	HSTF	PL	140* 11	304	86.35	3.68	4	SM400A		
4	HSTF	PL	140* 11	1115	86.35	13.5	54	SM400A		
1	HSTF	PL	140* 11	301	86.35	3.64	4	SM400A		
1	HSTF	PL	140* 11	1112	86.35	13.4	13	SM400A		
2	HSTF	PL	140* 11	1115	86.35	13.5	27	SM400A		
2	HSTF	PL	140* 11	1112	86.35	13.4	27	SM400A		
1	HSTF	PL	140* 11	916	86.35	11.1	11	SM400A		
1	LFLG	PL	2944* 10	8394	78.50	1940	1940	SM490YA		
7	LRIB	PL	170* 17	8368	133.4	190	1330	SM490YB		
1	MIZUNUKI	FB	50* 6	330	2.360	0.779	1	SS400		
3	MIZUNUKI	FB	50* 6	327	2.360	0.772	2	SS400		
1	MIZUNUKI	FB	50* 6	329	2.360	0.776	1	SS400		
2	MIZUNUKI	FB	50* 6	331	2.360	0.781	2	SS400		
1	MIZUNUKI	FB	50* 6	334	2.360	0.788	1	SS400		
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70	
J16-J17								8926 kg		

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APPROACH BRIDGE GIRDER G3 J17-J18										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	2727* 14	8422	109.9	2524	2524	SM490YA		
6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A		
6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A		
1	VSTF	PL	190* 15	2647	117.8	59.2	59	SM400A		
2	VSTF	PL	190* 15	2647	117.8	59.2	118	SM400A		
1	VSTF	PL	190* 15	2647	117.8	59.2	59	SM400A		
1	HSTF	PL	140* 11	302	86.35	3.65	4	SM400A		
2	HSTF	PL	140* 11	1114	86.35	13.5	27	SM400A		
2	HSTF	PL	140* 11	1117	86.35	13.5	27	SM400A		
2	HSTF	PL	140* 11	1114	86.35	13.5	27	SM400A		
1	HSTF	PL	140* 11	227	86.35	2.74	3	SM400A		
1	RWEB	PL	2673* 14	8411	109.9	2471	2471	SM490YA		
6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A		
6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A		
1	VSTF	PL	190* 15	2597	117.8	58.1	58	SM400A		
2	VSTF	PL	190* 15	2597	117.8	58.1	116	SM400A		
1	VSTF	PL	190* 15	2597	117.8	58.1	58	SM400A		
1	HSTF	PL	140* 11	301	86.35	3.64	4	SM400A		
2	HSTF	PL	140* 11	1112	86.35	13.4	27	SM400A		
2	HSTF	PL	140* 11	1115	86.35	13.5	27	SM400A		
2	HSTF	PL	140* 11	1112	86.35	13.4	27	SM400A		
1	HSTF	PL	140* 11	226	86.35	2.73	3	SM400A		
1	LFLG	PL	2944* 14	8394	109.9	2716	2716	SM490YA		
7	LRIB	PL	170* 17	8368	133.4	190	1330	SM490YB		
1	MIZUNUKI	FB	50* 6	330	2.360	0.779	1	SS400		
3	MIZUNUKI	FB	50* 6	327	2.360	0.772	2	SS400		
1	MIZUNUKI	FB	50* 6	329	2.360	0.776	1	SS400		
2	MIZUNUKI	FB	50* 6	331	2.360	0.781	2	SS400		
1	MIZUNUKI	FB	50* 6	334	2.360	0.788	1	SS400		
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70	
J17-J18							9717 kg			

APPROACH BRIDGE GIRDER G3 J18-J19										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	2727* 14	6869	109.9	2058	2058	SM490YA		
4	HANGER	PL	90* 9	150	70.65	0.954	4	SM400A		
4	HANGER	PL	90* 9	150	70.65	0.954	4	SM400A		
1	VSTF	PL	190* 15	2647	117.8	59.2	59	SM400A		

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2	VSTF	PL	190* 15	2647	117.8	59.2	118	SM400A		
1	HSTF	PL	140* 11	899	86.35	10.9	11	SM400A		
2	HSTF	PL	140* 11	1095	86.35	13.2	26	SM400A		
1	HSTF	PL	140* 11	1098	86.35	13.3	13	SM400A		
1	HSTF	PL	140* 11	1048	86.35	12.7	13	SM400A		
1	RWEB	PL	2673* 14	6860	109.9	2016	2016	SM490YA		
4	HANGER	PL	90* 9	150	70.65	0.954	4	SM400A		
4	HANGER	PL	90* 9	150	70.65	0.954	4	SM400A		
1	VSTF	PL	190* 15	2597	117.8	58.1	58	SM400A		
2	VSTF	PL	190* 15	2597	117.8	58.1	116	SM400A		
1	HSTF	PL	140* 11	898	86.35	10.9	11	SM400A		
2	HSTF	PL	140* 11	1094	86.35	13.2	26	SM400A		
1	HSTF	PL	140* 11	1097	86.35	13.3	13	SM400A		
1	HSTF	PL	140* 11	1047	86.35	12.7	13	SM400A		
1	LFLG	PL	2943* 21	6842	164.8	3319	3319	SM490YB		
7	LRIB	PL	200* 22	6817	172.7	235	1645	SM490YB		
1	MIZUNUKI	FB	50* 6	330	2.360	0.779	1	SS400		
3	MIZUNUKI	FB	50* 6	327	2.360	0.772	2	SS400		
1	MIZUNUKI	FB	50* 6	329	2.360	0.776	1	SS400		
2	MIZUNUKI	FB	50* 6	331	2.360	0.781	2	SS400		
1	MIZUNUKI	FB	50* 6	334	2.360	0.788	1	SS400		
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70	
J18-J19										
								9539 kg		

APPROACH BRIDGE GIRDER G3 J19-J20										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	2727* 14	6215	109.9	1863	1863	SM490YA		
4	HANGER	PL	90* 9	150	70.65	0.954	4	SM400A		
4	HANGER	PL	90* 9	150	70.65	0.954	4	SM400A		
2	VSTF	PL	190* 15	2647	117.8	59.2	118	SM400A		
1	HSTF	PL	140* 11	467	86.35	5.65	6	SM400A		
1	HSTF	PL	140* 11	1095	86.35	13.2	13	SM400A		
1	HSTF	PL	140* 11	978	86.35	11.8	12	SM400A		
1	HSTF	PL	140* 11	909	86.35	11.0	11	SM400A		
1	HSTF	PL	140* 11	1027	86.35	12.4	12	SM400A		
1	HSTF	PL	140* 11	393	86.35	4.75	5	SM400A		
1	RWEB	PL	2673* 14	6206	109.9	1823	1823	SM490YA		
4	HANGER	PL	90* 9	150	70.65	0.954	4	SM400A		
4	HANGER	PL	90* 9	150	70.65	0.954	4	SM400A		
2	VSTF	PL	190* 15	2597	117.8	58.1	116	SM400A		
1	HSTF	PL	140* 11	466	86.35	5.63	6	SM400A		
1	HSTF	PL	140* 11	1094	86.35	13.2	13	SM400A		

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1	HSTF	PL	140* 11	961	86.35	11.6	12	SM400A		
1	HSTF	PL	140* 11	893	86.35	10.8	11	SM400A		
1	HSTF	PL	140* 11	1025	86.35	12.4	12	SM400A		
1	HSTF	PL	140* 11	392	86.35	4.74	5	SM400A		
1	LFLG	PL	2942* 28	6189	219.8	4003	4003	SM490YB		
7	LRIB	PL	200* 22	6165	172.7	213	1491	SM490YB		
1	SOLE	PL	1100* 50	970	392.5	398	398	SM490C	95	
1	MIZUNUKI	FB	50* 6	330	2.360	0.779	1	SS400		
3	MIZUNUKI	FB	50* 6	327	2.360	0.772	2	SS400		
1	MIZUNUKI	FB	50* 6	329	2.360	0.776	1	SS400		
2	MIZUNUKI	FB	50* 6	331	2.360	0.781	2	SS400		
1	MIZUNUKI	FB	50* 6	334	2.360	0.788	1	SS400		
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70	
2	FLG	PL	180* 13	2690	102.0	49.4	99	SM400A		
2	WEB	PL	400* 13	2690	102.0	110	220	SM400A		
J19-J20										
								10273 kg		

APPROACH BRIDGE GIRDER G3 J20-J21										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	2727* 14	6516	109.9	1953	1953	SM490YA		
4	HANGER	PL	90* 9	150	70.65	0.954	4	SM400A		
4	HANGER	PL	90* 9	150	70.65	0.954	4	SM400A		
2	VSTF	PL	190* 15	2647	117.8	59.2	118	SM400A		
1	VSTF	PL	190* 15	2647	117.8	59.2	59	SM400A		
1	HSTF	PL	140* 11	980	86.35	11.8	12	SM400A		
1	HSTF	PL	140* 11	1030	86.35	12.5	12	SM400A		
2	HSTF	PL	140* 11	1027	86.35	12.4	25	SM400A		
1	HSTF	PL	140* 11	831	86.35	10.0	10	SM400A		
1	RWEB	PL	2673* 14	6507	109.9	1911	1911	SM490YA		
4	HANGER	PL	90* 9	150	70.65	0.954	4	SM400A		
4	HANGER	PL	90* 9	150	70.65	0.954	4	SM400A		
2	VSTF	PL	190* 15	2597	117.8	58.1	116	SM400A		
1	VSTF	PL	190* 15	2597	117.8	58.1	58	SM400A		
1	HSTF	PL	140* 11	978	86.35	11.8	12	SM400A		
1	HSTF	PL	140* 11	1028	86.35	12.4	12	SM400A		
2	HSTF	PL	140* 11	1025	86.35	12.4	25	SM400A		
1	HSTF	PL	140* 11	829	86.35	10.0	10	SM400A		
1	LFLG	PL	2943* 20	6492	157.0	3000	3000	SM490YB		
7	LRIB	PL	200* 22	6467	172.7	223	1561	SM490YB		
1	MIZUNUKI	FB	50* 6	330	2.360	0.779	1	SS400		
3	MIZUNUKI	FB	50* 6	327	2.360	0.772	2	SS400		
1	MIZUNUKI	FB	50* 6	329	2.360	0.776	1	SS400		

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2	MIZUNUKI	FB	50* 6	331	2.360	0.781	2	SS400		
1	MIZUNUKI	FB	50* 6	334	2.360	0.788	1	SS400		
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70	
J20-J21										8918 kg

APPROACH BRIDGE GIRDER G3 J21-J22										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	2727* 14	7068	109.9	2118	2118	SM490YA		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
1	VSTF	PL	190* 15	2647	117.8	59.2	59	SM400A		
2	VSTF	PL	190* 15	2647	117.8	59.2	118	SM400A		
1	HSTF	PL	140* 11	215	86.35	2.60	3	SM400A		
2	HSTF	PL	140* 11	1089	86.35	13.2	26	SM400A		
2	HSTF	PL	140* 11	1092	86.35	13.2	26	SM400A		
1	HSTF	PL	140* 11	1089	86.35	13.2	13	SM400A		
1	HSTF	PL	140* 11	215	86.35	2.60	3	SM400A		
1	RWEB	PL	2673* 14	7058	109.9	2074	2074	SM490YA		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
1	VSTF	PL	190* 15	2597	117.8	58.1	58	SM400A		
2	VSTF	PL	190* 15	2597	117.8	58.1	116	SM400A		
1	HSTF	PL	140* 11	214	86.35	2.59	3	SM400A		
2	HSTF	PL	140* 11	1087	86.35	13.1	26	SM400A		
2	HSTF	PL	140* 11	1090	86.35	13.2	26	SM400A		
1	HSTF	PL	140* 11	1087	86.35	13.1	13	SM400A		
1	HSTF	PL	140* 11	214	86.35	2.59	3	SM400A		
1	LFLG	PL	2943* 12	7045	94.20	1953	1953	SM490YA		
7	LRIB	PL	170* 17	7020	133.4	159	1113	SM490YB		
1	MIZUNUKI	FB	50* 6	330	2.360	0.779	1	SS400		
3	MIZUNUKI	FB	50* 6	327	2.360	0.772	2	SS400		
1	MIZUNUKI	FB	50* 6	329	2.360	0.776	1	SS400		
2	MIZUNUKI	FB	50* 6	331	2.360	0.781	2	SS400		
1	MIZUNUKI	FB	50* 6	334	2.360	0.788	1	SS400		
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70	
J21-J22										7779 kg

APPROACH BRIDGE GIRDER G3 J22-J23										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	2727* 14	8240	109.9	2469	2469	SM490YA		

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5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A			
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A			
2	VSTF	PL	190* 15	2647	117.8	59.2	118	SM400A			
1	VSTF	PL	190* 15	2647	117.8	59.2	59	SM400A			
1	VSTF	PL	190* 15	2612	117.8	58.5	58	SM400A			
5	HSTF	PL	140* 11	1092	86.35	13.2	66	SM400A			
1	HSTF	PL	140* 11	290	86.35	3.51	4	SM400A			
1	HSTF	PL	140* 11	215	86.35	2.60	3	SM400A			
1	HSTF	PL	140* 11	893	86.35	10.8	11	SM400A			
1	HSTF	PL	140* 11	893	86.35	10.8	11	SM400A			
2	HSTF	PL	140* 11	1089	86.35	13.2	26	SM400A			
1	RWEB	PL	2673* 14	8229	109.9	2418	2418	SM490YA			
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A			
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A			
2	VSTF	PL	190* 15	2597	117.8	58.1	116	SM400A			
1	VSTF	PL	190* 15	2597	117.8	58.1	58	SM400A			
1	VSTF	PL	190* 15	2562	117.8	57.3	57	SM400A			
5	HSTF	PL	140* 11	1090	86.35	13.2	66	SM400A			
1	HSTF	PL	140* 11	289	86.35	3.49	3	SM400A			
1	HSTF	PL	140* 11	214	86.35	2.59	3	SM400A			
1	HSTF	PL	140* 11	891	86.35	10.8	11	SM400A			
1	HSTF	PL	140* 11	891	86.35	10.8	11	SM400A			
2	HSTF	PL	140* 11	1087	86.35	13.1	26	SM400A			
1	LFLG	PL	2944* 10	8219	78.50	1900	1900	SM490YA			
4	LRIB	PL	170* 17	6404	133.4	145	580	SM490YB			
3	LRIB	PL	170* 17	8193	133.4	186	558	SM490YB			
1	MIZUNUKI	FB	50* 6	330	2.360	0.779	1	SS400			
3	MIZUNUKI	FB	50* 6	327	2.360	0.772	2	SS400			
1	MIZUNUKI	FB	50* 6	329	2.360	0.776	1	SS400			
2	MIZUNUKI	FB	50* 6	331	2.360	0.781	2	SS400			
1	MIZUNUKI	FB	50* 6	334	2.360	0.788	1	SS400			
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70		
J22-J23											
								8660 kg			

APPROACH BRIDGE GIRDER G3 J23-J24										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	2727* 14	8239	109.9	2469	2469	SM490YA		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
2	VSTF	PL	190* 15	2612	117.8	58.5	117	SM400A		
1	VSTF	PL	190* 15	2612	117.8	58.5	58	SM400A		
1	HSTF	PL	140* 11	293	86.35	3.54	4	SM400A		

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6	HSTF	PL	140* 11	1092	86.35	13.2	79	SM400A			
1	HSTF	PL	140* 11	218	86.35	2.64	3	SM400A			
1	RWEB	PL	2673* 14	8227	109.9	2417	2417	SM490YA			
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A			
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A			
2	VSTF	PL	190* 15	2562	117.8	57.3	115	SM400A			
1	VSTF	PL	190* 15	2562	117.8	57.3	57	SM400A			
1	HSTF	PL	140* 11	292	86.35	3.53	4	SM400A			
6	HSTF	PL	140* 11	1090	86.35	13.2	79	SM400A			
1	HSTF	PL	140* 11	217	86.35	2.62	3	SM400A			
1	LFLG	PL	2944* 16	8219	125.6	3040	3040	SM490YA			
3	LRIB	PL	170* 17	8193	133.4	186	558	SM490YB			
1	MIZUNUKI	FB	50* 6	672	2.360	1.59	2	SS400			
1	MIZUNUKI	FB	50* 6	668	2.360	1.58	2	SS400			
1	MIZUNUKI	FB	50* 6	677	2.360	1.60	2	SS400			
1	MIZUNUKI	FB	50* 6	690	2.360	1.63	2	SS400			
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70		
J23-J24											
								9032 kg			

APPROACH BRIDGE GIRDER G3 J24-J25										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	2727* 14	8157	109.9	2444	2444	SM490YA		
6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A		
6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A		
1	VSTF	PL	190* 15	2612	117.8	58.5	58	SM400A		
2	VSTF	PL	190* 15	2612	117.8	58.5	117	SM400A		
1	VSTF	PL	190* 15	2612	117.8	58.5	58	SM400A		
1	HSTF	PL	140* 11	215	86.35	2.60	3	SM400A		
6	HSTF	PL	140* 11	1092	86.35	13.2	79	SM400A		
1	HSTF	PL	140* 11	135	86.35	1.63	2	SM400A		
1	RWEB	PL	2673* 14	8146	109.9	2393	2393	SM490YA		
6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A		
6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A		
1	VSTF	PL	190* 15	2562	117.8	57.3	57	SM400A		
2	VSTF	PL	190* 15	2562	117.8	57.3	115	SM400A		
1	VSTF	PL	190* 15	2562	117.8	57.3	57	SM400A		
1	HSTF	PL	140* 11	214	86.35	2.59	3	SM400A		
6	HSTF	PL	140* 11	1090	86.35	13.2	79	SM400A		
1	HSTF	PL	140* 11	134	86.35	1.62	2	SM400A		
1	LFLG	PL	2944* 25	8139	196.2	4701	4701	SM490YB		
3	LRIB	PL	200* 22	8113	172.7	280	840	SM490YB		
1	MIZUNUKI	FB	50* 6	672	2.360	1.59	2	SS400		

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1	MIZUNUKI	FB	50* 6	668	2.360	1.58	2	SS400		
1	MIZUNUKI	FB	50* 6	677	2.360	1.60	2	SS400		
1	MIZUNUKI	FB	50* 6	690	2.360	1.63	2	SS400		
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70	
J24-J25							11041 kg			

APPROACH BRIDGE GIRDER G3 J25-J26										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	2727* 14	8448	109.9	2532	2532	SM490YA		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
1	VSTF	PL	190* 15	2612	117.8	58.5	58	SM400A		
2	VSTF	PL	190* 15	2612	117.8	58.5	117	SM400A		
1	HSTF	PL	140* 11	297	86.35	3.59	4	SM400A		
6	HSTF	PL	140* 11	1092	86.35	13.2	79	SM400A		
1	HSTF	PL	140* 11	350	86.35	4.23	4	SM400A		
1	RWEB	PL	2673* 14	8375	109.9	2461	2461	SM490YA		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
1	VSTF	PL	190* 15	2562	117.8	57.3	57	SM400A		
2	VSTF	PL	190* 15	2562	117.8	57.3	115	SM400A		
1	HSTF	PL	140* 11	296	86.35	3.58	4	SM400A		
2	HSTF	PL	140* 11	1090	86.35	13.2	26	SM400A		
2	HSTF	PL	140* 11	1072	86.35	13.0	26	SM400A		
2	HSTF	PL	140* 11	1082	86.35	13.1	26	SM400A		
1	HSTF	PL	140* 11	343	86.35	4.15	4	SM400A		
1	LFLG	PL	2978* 32	8434	251.2	6310	6310	SM490YB		
3	LRIB	PL	200* 22	8375	172.7	289	867	SM490YB		
1	MIZUNUKI	FB	50* 6	672	2.360	1.59	2	SS400		
1	MIZUNUKI	FB	50* 6	668	2.360	1.58	2	SS400		
1	MIZUNUKI	FB	50* 6	677	2.360	1.60	2	SS400		
1	MIZUNUKI	FB	50* 6	690	2.360	1.63	2	SS400		
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70	
J25-J26							12719 kg			

APPROACH BRIDGE GIRDER G3 J26-J27										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	2727* 14	7924	109.9	2375	2375	SM490YA		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		

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2	VSTF	PL	190* 15	2612	117.8	58.5	117	SM400A		
2	VSTF	PL	190* 15	2612	117.8	58.5	117	SM400A		
1	HSTF	PL	140* 11	142	86.35	1.72	2	SM400A		
1	HSTF	PL	140* 11	1032	86.35	12.5	12	SM400A		
4	HSTF	PL	140* 11	1093	86.35	13.2	53	SM400A		
1	HSTF	PL	140* 11	992	86.35	12.0	12	SM400A		
1	HSTF	PL	140* 11	135	86.35	1.63	2	SM400A		
1	RWEB	PL	2673* 14	7887	109.9	2317	2317	SM490YA		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
2	VSTF	PL	190* 15	2562	117.8	57.3	115	SM400A		
2	VSTF	PL	190* 15	2562	117.8	57.3	115	SM400A		
1	HSTF	PL	140* 11	138	86.35	1.67	2	SM400A		
1	HSTF	PL	140* 11	1022	86.35	12.4	12	SM400A		
2	HSTF	PL	140* 11	1082	86.35	13.1	26	SM400A		
2	HSTF	PL	140* 11	1092	86.35	13.2	26	SM400A		
1	HSTF	PL	140* 11	992	86.35	12.0	12	SM400A		
1	HSTF	PL	140* 11	135	86.35	1.63	2	SM400A		
1	LFLG	PL	2955* 36	7911	282.6	6607	6607	SM490YB		
3	LRIB	PL	200* 22	7871	172.7	272	816	SM490YB		
1	MIZUNUKI	FB	50* 6	672	2.360	1.59	2	SS400		
1	MIZUNUKI	FB	50* 6	668	2.360	1.58	2	SS400		
1	MIZUNUKI	FB	50* 6	677	2.360	1.60	2	SS400		
1	MIZUNUKI	FB	50* 6	690	2.360	1.63	2	SS400		
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70	
J26-J27										
								12769 kg		

APPROACH BRIDGE GIRDER G3 J27-J28										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	2727* 14	7120	109.9	2134	2134	SM490YA		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
2	VSTF	PL	190* 15	2612	117.8	58.5	117	SM400A		
1	VSTF	PL	190* 15	2612	117.8	58.5	58	SM400A		
1	HSTF	PL	140* 11	398	86.35	4.81	5	SM400A		
4	HSTF	PL	140* 11	1092	86.35	13.2	53	SM400A		
1	HSTF	PL	140* 11	1042	86.35	12.6	13	SM400A		
1	HSTF	PL	140* 11	145	86.35	1.75	2	SM400A		
1	RWEB	PL	2673* 14	7119	109.9	2091	2091	SM490YA		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
2	VSTF	PL	190* 15	2562	117.8	57.3	115	SM400A		

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1	VSTF	PL	190* 15	2562	117.8	57.3	57	SM400A		
1	HSTF	PL	140* 11	398	86.35	4.81	5	SM400A		
4	HSTF	PL	140* 11	1092	86.35	13.2	53	SM400A		
1	HSTF	PL	140* 11	1042	86.35	12.6	13	SM400A		
1	HSTF	PL	140* 11	145	86.35	1.75	2	SM400A		
1	LFLG	PL	2940* 36	7106	282.6	5904	5904	SM490YB		
3	LRIB	PL	200* 22	7086	172.7	245	735	SM490YB		
1	MIZUNUKI	FB	50* 6	672	2.360	1.59	2	SS400		
1	MIZUNUKI	FB	50* 6	668	2.360	1.58	2	SS400		
1	MIZUNUKI	FB	50* 6	677	2.360	1.60	2	SS400		
1	MIZUNUKI	FB	50* 6	690	2.360	1.63	2	SS400		
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70	
J27-J28 11386 kg										

APPROACH BRIDGE GIRDER G3 J28-J29										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	2727* 14	7097	109.9	2127	2127	SM490YA		
4	HANGER	PL	90* 9	150	70.65	0.954	4	SM400A		
4	HANGER	PL	90* 9	150	70.65	0.954	4	SM400A		
1	VSTF	PL	190* 15	2612	117.8	58.5	58	SM400A		
2	VSTF	PL	190* 15	2612	117.8	58.5	117	SM400A		
1	HSTF	PL	140* 11	338	86.35	4.09	4	SM400A		
5	HSTF	PL	140* 11	1092	86.35	13.2	66	SM400A		
1	HSTF	PL	140* 11	135	86.35	1.63	2	SM400A		
1	RWEB	PL	2673* 14	7097	109.9	2085	2085	SM490YA		
4	HANGER	PL	90* 9	150	70.65	0.954	4	SM400A		
4	HANGER	PL	90* 9	150	70.65	0.954	4	SM400A		
1	VSTF	PL	190* 15	2562	117.8	57.3	57	SM400A		
2	VSTF	PL	190* 15	2562	117.8	57.3	115	SM400A		
1	HSTF	PL	140* 11	338	86.35	4.09	4	SM400A		
5	HSTF	PL	140* 11	1092	86.35	13.2	66	SM400A		
1	HSTF	PL	140* 11	135	86.35	1.63	2	SM400A		
1	LFLG	PL	2940* 36	7085	282.6	5887	5887	SM490YB		
3	LRIB	PL	200* 22	7065	172.7	244	732	SM490YB		
1	MIZUNUKI	FB	50* 6	672	2.360	1.59	2	SS400		
1	MIZUNUKI	FB	50* 6	668	2.360	1.58	2	SS400		
1	MIZUNUKI	FB	50* 6	677	2.360	1.60	2	SS400		
1	MIZUNUKI	FB	50* 6	690	2.360	1.63	2	SS400		
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70	
J28-J29 11347 kg										

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APPROACH BRIDGE GIRDER G3 J29-J30										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	2727* 14	8388	109.9	2513	2513	SM490YA		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
2	VSTF	PL	190* 15	2612	117.8	58.5	117	SM400A		
1	VSTF	PL	190* 15	2612	117.8	58.5	58	SM400A		
1	HSTF	PL	140* 11	297	86.35	3.59	4	SM400A		
6	HSTF	PL	140* 11	1092	86.35	13.2	79	SM400A		
1	HSTF	PL	140* 11	297	86.35	3.59	4	SM400A		
1	RWEB	PL	2673* 14	8388	109.9	2464	2464	SM490YA		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
2	VSTF	PL	190* 15	2562	117.8	57.3	115	SM400A		
1	VSTF	PL	190* 15	2562	117.8	57.3	57	SM400A		
1	HSTF	PL	140* 11	297	86.35	3.59	4	SM400A		
6	HSTF	PL	140* 11	1092	86.35	13.2	79	SM400A		
1	HSTF	PL	140* 11	297	86.35	3.59	4	SM400A		
1	LFLG	PL	2940* 34	8377	266.9	6574	6574	SM490YB		
3	LRIB	PL	200* 22	8357	172.7	289	867	SM490YB		
1	MIZUNUKI	FB	50* 6	672	2.360	1.59	2	SS400		
1	MIZUNUKI	FB	50* 6	668	2.360	1.58	2	SS400		
1	MIZUNUKI	FB	50* 6	677	2.360	1.60	2	SS400		
1	MIZUNUKI	FB	50* 6	690	2.360	1.63	2	SS400		
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70	
J29-J30							12968 kg			

APPROACH BRIDGE GIRDER G3 J30-J31										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	2728* 14	8145	109.9	2442	2442	SM490YA		
6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A		
6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A		
1	VSTF	PL	190* 15	2612	117.8	58.5	58	SM400A		
2	VSTF	PL	190* 15	2612	117.8	58.5	117	SM400A		
1	VSTF	PL	190* 15	2612	117.8	58.5	58	SM400A		
1	HSTF	PL	140* 11	134	86.35	1.62	2	SM400A		
6	HSTF	PL	140* 11	1092	86.35	13.2	79	SM400A		
1	HSTF	PL	140* 11	214	86.35	2.59	3	SM400A		
1	RWEB	PL	2673* 14	8145	109.9	2393	2393	SM490YA		
6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A		
6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A		

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1	VSTF	PL	190* 15	2562	117.8	57.3	57	SM400A		
2	VSTF	PL	190* 15	2562	117.8	57.3	115	SM400A		
1	VSTF	PL	190* 15	2562	117.8	57.3	57	SM400A		
1	HSTF	PL	140* 11	134	86.35	1.62	2	SM400A		
6	HSTF	PL	140* 11	1092	86.35	13.2	79	SM400A		
1	HSTF	PL	140* 11	214	86.35	2.59	3	SM400A		
1	LFLG	PL	2940* 27	8136	212.0	5071	5071	SM490YB		
3	LRIB	PL	200* 22	8116	172.7	280	840	SM490YB		
1	MIZUNUKI	FB	50* 6	672	2.360	1.59	2	SS400		
1	MIZUNUKI	FB	50* 6	668	2.360	1.58	2	SS400		
1	MIZUNUKI	FB	50* 6	677	2.360	1.60	2	SS400		
1	MIZUNUKI	FB	50* 6	690	2.360	1.63	2	SS400		
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70	
J30-J31										
								11409 kg		

APPROACH BRIDGE GIRDER G3 J31-J32										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	2727* 14	8186	109.9	2453	2453	SM490YA		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
1	VSTF	PL	190* 15	2612	117.8	58.5	58	SM400A		
2	VSTF	PL	190* 15	2612	117.8	58.5	117	SM400A		
1	HSTF	PL	140* 11	217	86.35	2.62	3	SM400A		
2	HSTF	PL	140* 11	1092	86.35	13.2	26	SM400A		
2	HSTF	PL	140* 11	1091	86.35	13.2	26	SM400A		
2	HSTF	PL	140* 11	1079	86.35	13.0	26	SM400A		
1	HSTF	PL	140* 11	206	86.35	2.49	2	SM400A		
1	RWEB	PL	2673* 14	8244	109.9	2422	2422	SM490YA		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
1	VSTF	PL	190* 15	2562	117.8	57.3	57	SM400A		
2	VSTF	PL	190* 15	2562	117.8	57.3	115	SM400A		
1	HSTF	PL	140* 11	217	86.35	2.62	3	SM400A		
2	HSTF	PL	140* 11	1097	86.35	13.3	27	SM400A		
2	HSTF	PL	140* 11	1102	86.35	13.3	27	SM400A		
2	HSTF	PL	140* 11	1089	86.35	13.2	26	SM400A		
1	HSTF	PL	140* 11	211	86.35	2.55	3	SM400A		
1	LFLG	PL	2965* 17	8238	133.4	3259	3259	SM490YB		
3	LRIB	PL	170* 17	8187	133.4	186	558	SM490YB		
1	MIZUNUKI	FB	50* 6	672	2.360	1.59	2	SS400		
1	MIZUNUKI	FB	50* 6	668	2.360	1.58	2	SS400		
1	MIZUNUKI	FB	50* 6	677	2.360	1.60	2	SS400		

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1	MIZUNUKI	FB	50* 6	690	2.360	1.63	2	SS400		
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70	
J31-J32							9237 kg			

APPROACH BRIDGE GIRDER G3 J32-GE2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	2727* 14	7405	109.9	2219	2219	SM490YA		
4	HANGER	PL	90* 9	150	70.65	0.954	4	SM400A		
4	HANGER	PL	90* 9	150	70.65	0.954	4	SM400A		
2	VSTF	PL	190* 15	2612	117.8	58.5	117	SM400A		
1	VSTF	PL	190* 15	2612	117.8	58.5	58	SM400A		
1	HSTF	PL	140* 11	213	86.35	2.57	3	SM400A		
1	HSTF	PL	140* 11	1079	86.35	13.0	13	SM400A		
3	HSTF	PL	140* 11	1081	86.35	13.1	39	SM400A		
1	HSTF	PL	140* 11	1077	86.35	13.0	13	SM400A		
1	RWEB	PL	2673* 14	7379	109.9	2167	2167	SM490YA		
4	HANGER	PL	90* 9	150	70.65	0.954	4	SM400A		
4	HANGER	PL	90* 9	150	70.65	0.954	4	SM400A		
2	VSTF	PL	190* 15	2562	117.8	57.3	115	SM400A		
1	VSTF	PL	190* 15	2562	117.8	57.3	57	SM400A		
1	HSTF	PL	140* 11	198	86.35	2.39	2	SM400A		
1	HSTF	PL	140* 11	1070	86.35	12.9	13	SM400A		
3	HSTF	PL	140* 11	1081	86.35	13.1	39	SM400A		
1	HSTF	PL	140* 11	1077	86.35	13.0	13	SM400A		
1	LFLG	PL	2949* 10	7398	78.50	1713	1713	SM490YA		
3	LRIB	PL	170* 17	7365	133.4	167	501	SM490YB		
1	SOLE	PL	1130* 41	970	321.8	335	335	SM490C	95	
1	MIZUNUKI	FB	50* 6	672	2.360	1.59	2	SS400		
1	MIZUNUKI	FB	50* 6	668	2.360	1.58	2	SS400		
1	MIZUNUKI	FB	50* 6	677	2.360	1.60	2	SS400		
1	MIZUNUKI	FB	50* 6	690	2.360	1.63	2	SS400		
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70	
2	FLG	PL	200* 22	2690	172.7	92.9	186	SM400A		
2	WEB	PL	400* 22	2690	172.7	186	372	SM400A		
J32-GE2							8000 kg			
G3							313923 kg			

APPROACH BRIDGE GIRDER G4 GE1-J1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks

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1	LWEB	PL	2729* 15	8376	117.8	2693	2693	SM490YA		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
1	VSTF	PL	240* 19	2613	149.2	93.6	94	SM400A		
2	VSTF	PL	240* 19	2613	149.2	93.6	187	SM400A		
1	HSTF	PL	160* 17	1065	133.4	22.7	23	SM400A		
1	HSTF	PL	160* 17	1071	133.4	22.9	23	SM400A		
1	HSTF	PL	160* 17	1074	133.4	22.9	23	SM400A		
3	HSTF	PL	160* 17	1073	133.4	22.9	69	SM400A		
1	HSTF	PL	160* 17	209	133.4	4.46	4	SM400A		
1	RWEB	PL	3063* 15	8462	117.8	3053	3053	SM490YA		
7	HANGER	PL	90* 9	150	70.65	0.954	7	SM400A		
7	HANGER	PL	90* 9	150	70.65	0.954	7	SM400A		
1	VSTF	PL	240* 19	2949	149.2	106	106	SM400A		
2	VSTF	PL	240* 19	2949	149.2	106	212	SM400A		
1	HSTF	PL	160* 17	1123	133.4	24.0	24	SM400A		
1	HSTF	PL	160* 17	1143	133.4	24.4	24	SM400A		
1	HSTF	PL	160* 17	1074	133.4	22.9	23	SM400A		
3	HSTF	PL	160* 17	1073	133.4	22.9	69	SM400A		
1	HSTF	PL	160* 17	209	133.4	4.46	4	SM400A		
1	LFLG	PL	1904* 14	8395	109.9	1633	1633	SM490YA	93	
1	LRIB	PL	170* 17	8369	133.4	190	190	SM490YB		
1	LRIB	PL	170* 17	7041	133.4	160	160	SM490YB		
1	LRIB	PL	170* 17	274	133.4	6.21	6	SM490YB		
1	SOLE	PL	1130* 53	1020	416.0	456	456	SM490C	95	
2	MIZUNUKI	FB	50* 6	524	2.360	1.24	2	SS400		
1	MIZUNUKI	FB	50* 6	520	2.360	1.23	1	SS400		
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70	
2	FLG	PL	100* 13	1723	102.0	17.6	35	SM400A		
2	WEB	PL	400* 13	1723	102.0	70.3	141	SM400A		
GE1-J1										
								9280 kg		

APPROACH BRIDGE GIRDER G4 J1-J2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	2728* 15	8296	117.8	2666	2666	SM490YA		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
2	VSTF	PL	240* 19	2613	149.2	93.6	187	SM400A		
2	VSTF	PL	240* 19	2613	149.2	93.6	187	SM400A		
1	HSTF	PL	160* 17	204	133.4	4.35	4	SM400A		
1	HSTF	PL	160* 17	1073	133.4	22.9	23	SM400A		
5	HSTF	PL	160* 17	1098	133.4	23.4	117	SM400A		

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1	HSTF	PL	160* 17	217	133.4	4.63	5	SM400A			
1	RWEB	PL	3067* 15	8278	117.8	2991	2991	SM490YA			
7	HANGER	PL	90* 9	150	70.65	0.954	7	SM400A			
7	HANGER	PL	90* 9	150	70.65	0.954	7	SM400A			
2	VSTF	PL	240* 19	2949	149.2	106	212	SM400A			
2	VSTF	PL	240* 19	2949	149.2	106	212	SM400A			
1	HSTF	PL	160* 17	203	133.4	4.33	4	SM400A			
1	HSTF	PL	160* 17	1073	133.4	22.9	23	SM400A			
5	HSTF	PL	160* 17	1095	133.4	23.4	117	SM400A			
1	HSTF	PL	160* 17	215	133.4	4.59	5	SM400A			
1	LFLG	PL	1748* 28	8239	219.8	3165	3165	SM490YB			
2	LRIB	PL	200* 22	8213	172.7	284	568	SM490YB			
2	MIZUNUKI	FB	50* 6	524	2.360	1.24	2	SS400			
1	MIZUNUKI	FB	50* 6	520	2.360	1.23	1	SS400			
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70		
J1-J2											
							10514 kg				

APPROACH BRIDGE GIRDER G4 J2-J3											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	LWEB	PL	2729* 15	8331	117.8	2679	2679	SM490YA			
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A			
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A			
2	VSTF	PL	240* 19	2614	149.2	93.6	187	SM400A			
1	VSTF	PL	240* 19	2614	149.2	93.6	94	SM400A			
1	HSTF	PL	160* 17	222	133.4	4.74	5	SM400A			
6	HSTF	PL	160* 17	1098	133.4	23.4	140	SM400A			
1	HSTF	PL	160* 17	222	133.4	4.74	5	SM400A			
1	RWEB	PL	3067* 15	8312	117.8	3003	3003	SM490YA			
7	HANGER	PL	90* 9	150	70.65	0.954	7	SM400A			
7	HANGER	PL	90* 9	150	70.65	0.954	7	SM400A			
2	VSTF	PL	240* 19	2949	149.2	106	212	SM400A			
1	VSTF	PL	240* 19	2949	149.2	106	106	SM400A			
1	HSTF	PL	160* 17	220	133.4	4.70	5	SM400A			
6	HSTF	PL	160* 17	1095	133.4	23.4	140	SM400A			
1	HSTF	PL	160* 17	220	133.4	4.70	5	SM400A			
1	LFLG	PL	1749* 41	8277	321.8	4660	4660	SM520C-H			
2	LRIB	PL	200* 22	8250	172.7	285	570	SM490YB			
2	MIZUNUKI	FB	50* 6	524	2.360	1.24	2	SS400			
1	MIZUNUKI	FB	50* 6	520	2.360	1.23	1	SS400			
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70		
J2-J3											
							11839 kg				

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APPROACH BRIDGE GIRDER G4 J3-J4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	2729* 15	8279	117.8	2661	2661	SM490YA		
6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A		
6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A		
1	VSTF	PL	240* 19	2614	149.2	93.6	94	SM400A		
2	VSTF	PL	240* 19	2614	149.2	93.6	187	SM400A		
1	VSTF	PL	240* 19	2614	149.2	93.6	94	SM400A		
1	HSTF	PL	160* 17	217	133.4	4.63	5	SM400A		
5	HSTF	PL	160* 17	1098	133.4	23.4	117	SM400A		
1	HSTF	PL	160* 17	998	133.4	21.3	21	SM400A		
1	HSTF	PL	160* 17	267	133.4	5.70	6	SM400A		
1	RWEB	PL	3067* 15	8260	117.8	2984	2984	SM490YA		
7	HANGER	PL	90* 9	150	70.65	0.954	7	SM400A		
7	HANGER	PL	90* 9	150	70.65	0.954	7	SM400A		
1	VSTF	PL	240* 19	2949	149.2	106	106	SM400A		
2	VSTF	PL	240* 19	2949	149.2	106	212	SM400A		
1	VSTF	PL	240* 19	2949	149.2	106	106	SM400A		
1	HSTF	PL	160* 17	215	133.4	4.59	5	SM400A		
5	HSTF	PL	160* 17	1095	133.4	23.4	117	SM400A		
1	HSTF	PL	160* 17	997	133.4	21.3	21	SM400A		
1	HSTF	PL	160* 17	263	133.4	5.61	6	SM400A		
1	LFLG	PL	1748* 45	8226	353.2	5079	5079	SM520C-H		
2	LRIB	PL	200* 22	8199	172.7	283	566	SM490YB		
2	MIZUNUKI	FB	50* 6	524	2.360	1.24	2	SS400		
1	MIZUNUKI	FB	50* 6	520	2.360	1.23	1	SS400		
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70	
J3-J4							12417 kg			

APPROACH BRIDGE GIRDER G4 J4-J5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	2729* 15	8377	117.8	2693	2693	SM490YA		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
1	VSTF	PL	240* 19	2614	149.2	93.6	94	SM400A		
2	VSTF	PL	240* 19	2614	149.2	93.6	187	SM400A		
1	HSTF	PL	160* 17	272	133.4	5.81	6	SM400A		
6	HSTF	PL	160* 17	1098	133.4	23.4	140	SM400A		
1	HSTF	PL	160* 17	222	133.4	4.74	5	SM400A		
1	RWEB	PL	3067* 15	8358	117.8	3019	3019	SM490YA		

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7	HANGER	PL	90* 9	150	70.65	0.954	7	SM400A		
7	HANGER	PL	90* 9	150	70.65	0.954	7	SM400A		
1	VSTF	PL	240* 19	2948	149.2	106	106	SM400A		
2	VSTF	PL	240* 19	2948	149.2	106	212	SM400A		
1	HSTF	PL	160* 17	270	133.4	5.76	6	SM400A		
6	HSTF	PL	160* 17	1095	133.4	23.4	140	SM400A		
1	HSTF	PL	160* 17	220	133.4	4.70	5	SM400A		
1	LFLG	PL	1749* 45	8326	353.2	5143	5143	SM520C-H		
2	LRIB	PL	200* 22	8299	172.7	287	574	SM490YB		
2	MIZUNUKI	FB	50* 6	524	2.360	1.24	2	SS400		
1	MIZUNUKI	FB	50* 6	520	2.360	1.23	1	SS400		
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70	
J4-J5										12358 kg

APPROACH BRIDGE GIRDER G4 J5-J6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	2729* 15	8325	117.8	2676	2676	SM490YA		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
2	VSTF	PL	240* 19	2614	149.2	93.6	187	SM400A		
2	VSTF	PL	240* 19	2614	149.2	93.6	187	SM400A		
1	HSTF	PL	160* 17	217	133.4	4.63	5	SM400A		
6	HSTF	PL	160* 17	1098	133.4	23.4	140	SM400A		
1	RWEB	PL	3066* 15	8306	117.8	3000	3000	SM490YA		
7	HANGER	PL	90* 9	150	70.65	0.954	7	SM400A		
7	HANGER	PL	90* 9	150	70.65	0.954	7	SM400A		
2	VSTF	PL	240* 19	2948	149.2	106	212	SM400A		
2	VSTF	PL	240* 19	2948	149.2	106	212	SM400A		
1	HSTF	PL	160* 17	215	133.4	4.59	5	SM400A		
6	HSTF	PL	160* 17	1095	133.4	23.4	140	SM400A		
1	LFLG	PL	1749* 40	8276	314.0	4544	4544	SM490YB		
2	LRIB	PL	200* 22	8249	172.7	285	570	SM490YB		
2	MIZUNUKI	FB	50* 6	524	2.360	1.24	2	SS400		
1	MIZUNUKI	FB	50* 6	520	2.360	1.23	1	SS400		
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70	
J5-J6										11906 kg

APPROACH BRIDGE GIRDER G4 J6-J7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	2729* 15	8323	117.8	2675	2675	SM490YA		

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5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A			
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A			
2	VSTF	PL	240* 19	2614	149.2	93.6	187	SM400A			
1	VSTF	PL	240* 19	2614	149.2	93.6	94	SM400A			
6	HSTF	PL	160* 17	1098	133.4	23.4	140	SM400A			
1	HSTF	PL	160* 17	222	133.4	4.74	5	SM400A			
1	RWEB	PL	3066* 15	8304	117.8	2999	2999	SM490YA			
7	HANGER	PL	90* 9	150	70.65	0.954	7	SM400A			
7	HANGER	PL	90* 9	150	70.65	0.954	7	SM400A			
2	VSTF	PL	240* 19	2948	149.2	106	212	SM400A			
1	VSTF	PL	240* 19	2948	149.2	106	106	SM400A			
6	HSTF	PL	160* 17	1095	133.4	23.4	140	SM400A			
1	HSTF	PL	160* 17	220	133.4	4.70	5	SM400A			
1	LFLG	PL	1749* 26	8276	204.1	2953	2953	SM490YB			
2	LRIB	PL	200* 22	8249	172.7	285	570	SM490YB			
3	LRIB	PL	200* 22	541	172.7	18.7	56	SM490YB			
2	MIZUNUKI	FB	50* 6	524	2.360	1.24	2	SS400			
1	MIZUNUKI	FB	50* 6	520	2.360	1.23	1	SS400			
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70		
J6-J7											
							10170 kg				

APPROACH BRIDGE GIRDER G4 J7-J8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	2730* 15	8321	117.8	2676	2676	SM490YA		
6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A		
6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A		
1	VSTF	PL	240* 19	2614	149.2	93.6	94	SM400A		
2	VSTF	PL	240* 19	2649	149.2	94.9	190	SM400A		
1	VSTF	PL	240* 19	2649	149.2	94.9	95	SM400A		
1	HSTF	PL	160* 17	217	133.4	4.63	5	SM400A		
4	HSTF	PL	160* 17	1098	133.4	23.4	94	SM400A		
1	HSTF	PL	160* 17	1093	133.4	23.3	23	SM400A		
2	HSTF	PL	160* 17	1098	133.4	23.4	47	SM400A		
2	HSTF	PL	160* 17	1093	133.4	23.3	47	SM400A		
1	HSTF	PL	160* 17	217	133.4	4.63	5	SM400A		
1	RWEB	PL	3066* 15	8302	117.8	2998	2998	SM490YA		
7	HANGER	PL	90* 9	150	70.65	0.954	7	SM400A		
7	HANGER	PL	90* 9	150	70.65	0.954	7	SM400A		
1	VSTF	PL	240* 19	2948	149.2	106	106	SM400A		
2	VSTF	PL	240* 19	3118	149.2	112	224	SM400A		
1	VSTF	PL	240* 19	3118	149.2	112	112	SM400A		
1	HSTF	PL	160* 17	215	133.4	4.59	5	SM400A		

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4	HSTF	PL	160* 17	1095	133.4	23.4	94	SM400A		
1	HSTF	PL	160* 17	1091	133.4	23.3	23	SM400A		
2	HSTF	PL	160* 17	1096	133.4	23.4	47	SM400A		
2	HSTF	PL	160* 17	1091	133.4	23.3	47	SM400A		
1	HSTF	PL	160* 17	215	133.4	4.59	5	SM400A		
1	LFLG	PL	1749* 13	8276	102.0	1476	1476	SM490YA		
5	LRIB	PL	170* 17	8249	133.4	187	935	SM490YB		
1	MIZUNUKI	FB	50* 6	250	2.360	0.59	1	SS400		
2	MIZUNUKI	FB	50* 6	246	2.360	0.581	1	SS400		
1	MIZUNUKI	FB	50* 6	252	2.360	0.595	1	SS400		
1	MIZUNUKI	FB	50* 6	259	2.360	0.611	1	SS400		
1	MIZUNUKI	FB	50* 6	262	2.360	0.618	1	SS400		
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70	
J7-J8										
9380 kg										

APPROACH BRIDGE GIRDER G4 J8-J9										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	2729* 17	7000	133.4	2548	2548	SM490YB		
4	HANGER	PL	90* 9	150	70.65	0.954	4	SM400A		
4	HANGER	PL	90* 9	150	70.65	0.954	4	SM400A		
1	VSTF	PL	240* 19	2649	149.2	94.9	95	SM400A		
2	VSTF	PL	240* 19	2649	149.2	94.9	190	SM400A		
1	HSTF	PL	160* 17	938	133.4	20.0	20	SM490YB		
2	HSTF	PL	160* 17	1068	133.4	22.8	46	SM490YB		
2	HSTF	PL	160* 17	1073	133.4	22.9	46	SM490YB		
1	RWEB	PL	3065* 17	6984	133.4	2856	2856	SM490YB		
6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A		
6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A		
1	VSTF	PL	240* 19	3118	149.2	112	112	SM400A		
2	VSTF	PL	240* 19	3118	149.2	112	224	SM400A		
1	HSTF	PL	160* 17	220	133.4	4.70	5	SM490YB		
1	HSTF	PL	160* 17	1071	133.4	22.9	23	SM490YB		
2	HSTF	PL	160* 17	1066	133.4	22.8	46	SM490YB		
2	HSTF	PL	160* 17	1071	133.4	22.9	46	SM490YB		
1	LFLG	PL	1746* 15	6957	117.8	1431	1431	SM490YA		
5	LRIB	PL	170* 17	6931	133.4	157	785	SM490YB		
1	MIZUNUKI	FB	50* 6	250	2.360	0.59	1	SS400		
2	MIZUNUKI	FB	50* 6	246	2.360	0.581	1	SS400		
1	MIZUNUKI	FB	50* 6	252	2.360	0.595	1	SS400		
1	MIZUNUKI	FB	50* 6	259	2.360	0.611	1	SS400		
1	MIZUNUKI	FB	50* 6	262	2.360	0.618	1	SS400		
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70	

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J8-J9	8499 kg
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APPROACH BRIDGE GIRDER G4 J9-J10										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	2729* 17	5876	133.4	2140	2140	SM490YB		
4	HANGER	PL	90* 9	150	70.65	0.954	4	SM400A		
4	HANGER	PL	90* 9	150	70.65	0.954	4	SM400A		
1	VSTF	PL	240* 19	2649	149.2	94.9	95	SM400A		
1	VSTF	PL	240* 19	2650	149.2	94.9	95	SM400A		
1	HSTF	PL	160* 17	1068	133.4	22.8	23	SM490YB		
1	HSTF	PL	160* 17	938	133.4	20.0	20	SM490YB		
1	HSTF	PL	160* 17	956	133.4	20.4	20	SM490YB		
1	HSTF	PL	160* 17	1087	133.4	23.2	23	SM490YB		
1	RWEB	PL	3064* 17	5862	133.4	2396	2396	SM490YB		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
2	VSTF	PL	240* 19	3118	149.2	112	224	SM400A		
1	HSTF	PL	160* 17	1036	133.4	22.1	22	SM490YB		
1	HSTF	PL	160* 17	1055	133.4	22.5	22	SM490YB		
1	HSTF	PL	160* 17	1086	133.4	23.2	23	SM490YB		
1	HSTF	PL	160* 17	1115	133.4	23.8	24	SM490YB		
1	LFLG	PL	1876* 25	5834	196.2	1996	1996	SM490YB	93	
3	LRIB	PL	200* 22	5809	172.7	201	603	SM490YB		
1	LRIB	PL	200* 22	2370	172.7	81.9	82	SM490YB		
1	LRIB	PL	200* 22	2364	172.7	81.7	82	SM490YB		
1	LRIB	PL	200* 22	2460	172.7	85.0	85	SM490YB		
1	LRIB	PL	200* 22	2463	172.7	85.1	85	SM490YB		
1	SOLE	PL	1100* 48	970	376.8	382	382	SM490C	95	
1	MIZUNUKI	FB	50* 6	250	2.360	0.59	1	SS400		
2	MIZUNUKI	FB	50* 6	246	2.360	0.581	1	SS400		
1	MIZUNUKI	FB	50* 6	252	2.360	0.595	1	SS400		
1	MIZUNUKI	FB	50* 6	259	2.360	0.611	1	SS400		
1	MIZUNUKI	FB	50* 6	262	2.360	0.618	1	SS400		
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70	
2	FLG	PL	100* 10	1721	78.50	13.5	27	SM400A		
2	WEB	PL	400* 9	1721	70.65	48.6	97	SM400A		
J9-J10							8590 kg			

APPROACH BRIDGE GIRDER G4 J10-J11										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks

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1	LWEB	PL	2730* 17	7106	133.4	2588	2588	SM490YB		
4	HANGER	PL	90* 9	150	70.65	0.954	4	SM400A		
4	HANGER	PL	90* 9	150	70.65	0.954	4	SM400A		
2	VSTF	PL	240* 19	2650	149.2	94.9	190	SM400A		
1	VSTF	PL	240* 19	2650	149.2	94.9	95	SM400A		
2	HSTF	PL	160* 17	1092	133.4	23.3	47	SM490YB		
2	HSTF	PL	160* 17	1087	133.4	23.2	46	SM490YB		
1	HSTF	PL	160* 17	957	133.4	20.4	20	SM490YB		
1	RWEB	PL	3065* 17	7089	133.4	2899	2899	SM490YB		
6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A		
6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A		
2	VSTF	PL	240* 19	3118	149.2	112	224	SM400A		
1	VSTF	PL	240* 19	3118	149.2	112	112	SM400A		
1	HSTF	PL	160* 17	1089	133.4	23.2	23	SM490YB		
1	HSTF	PL	160* 17	1090	133.4	23.3	23	SM490YB		
2	HSTF	PL	160* 17	1085	133.4	23.2	46	SM490YB		
1	HSTF	PL	160* 17	1090	133.4	23.3	23	SM490YB		
1	HSTF	PL	160* 17	227	133.4	4.85	5	SM490YB		
1	LFLG	PL	1746* 15	7066	117.8	1454	1454	SM490YA		
5	LRIB	PL	200* 22	7040	172.7	243	1215	SM490YB		
1	MIZUNUKI	FB	50* 6	250	2.360	0.59	1	SS400		
2	MIZUNUKI	FB	50* 6	246	2.360	0.581	1	SS400		
1	MIZUNUKI	FB	50* 6	252	2.360	0.595	1	SS400		
1	MIZUNUKI	FB	50* 6	259	2.360	0.611	1	SS400		
1	MIZUNUKI	FB	50* 6	262	2.360	0.618	1	SS400		
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70	
J10-J11										
							9036 kg			

APPROACH BRIDGE GIRDER G4 J11-J12										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	2730* 15	8402	117.8	2702	2702	SM490YA		
6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A		
6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A		
1	VSTF	PL	240* 19	2650	149.2	94.9	95	SM400A		
2	VSTF	PL	240* 19	2650	149.2	94.9	190	SM400A		
1	VSTF	PL	240* 19	2650	149.2	94.9	95	SM400A		
4	HSTF	PL	160* 17	1111	133.4	23.7	95	SM400A		
1	HSTF	PL	160* 17	223	133.4	4.76	5	SM400A		
1	HSTF	PL	160* 17	223	133.4	4.76	5	SM400A		
2	HSTF	PL	160* 17	1106	133.4	23.6	47	SM400A		
2	HSTF	PL	160* 17	1111	133.4	23.7	47	SM400A		
2	HSTF	PL	160* 17	1106	133.4	23.6	47	SM400A		

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1	HSTF	PL	160* 17	223	133.4	4.76	5	SM400A			
1	RWEB	PL	3066* 15	8382	117.8	3027	3027	SM490YA			
7	HANGER	PL	90* 9	150	70.65	0.954	7	SM400A			
7	HANGER	PL	90* 9	150	70.65	0.954	7	SM400A			
1	VSTF	PL	240* 19	3118	149.2	112	112	SM400A			
2	VSTF	PL	240* 19	3118	149.2	112	224	SM400A			
1	VSTF	PL	240* 19	3118	149.2	112	112	SM400A			
4	HSTF	PL	160* 17	1107	133.4	23.6	94	SM400A			
1	HSTF	PL	160* 17	221	133.4	4.72	5	SM400A			
1	HSTF	PL	160* 17	222	133.4	4.74	5	SM400A			
2	HSTF	PL	160* 17	1103	133.4	23.5	47	SM400A			
2	HSTF	PL	160* 17	1108	133.4	23.7	47	SM400A			
2	HSTF	PL	160* 17	1103	133.4	23.5	47	SM400A			
1	HSTF	PL	160* 17	222	133.4	4.74	5	SM400A			
1	LFLG	PL	1749* 10	8363	78.50	1148	1148	SM490YA			
5	LRIB	PL	170* 17	8336	133.4	189	945	SM490YB			
1	MIZUNUKI	FB	50* 6	250	2.360	0.59	1	SS400			
2	MIZUNUKI	FB	50* 6	246	2.360	0.581	1	SS400			
1	MIZUNUKI	FB	50* 6	252	2.360	0.595	1	SS400			
1	MIZUNUKI	FB	50* 6	259	2.360	0.611	1	SS400			
1	MIZUNUKI	FB	50* 6	262	2.360	0.618	1	SS400			
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70		
J11-J12											
								9183 kg			

APPROACH BRIDGE GIRDER G4 J12-J13										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	2730* 15	8400	117.8	2701	2701	SM490YA		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
1	VSTF	PL	240* 19	2650	149.2	94.9	95	SM400A		
2	VSTF	PL	240* 19	2650	149.2	94.9	190	SM400A		
1	HSTF	PL	160* 17	228	133.4	4.87	5	SM400A		
6	HSTF	PL	160* 17	1111	133.4	23.7	142	SM400A		
1	HSTF	PL	160* 17	228	133.4	4.87	5	SM400A		
1	HSTF	PL	160* 17	975	133.4	20.8	21	SM400A		
2	HSTF	PL	160* 17	1106	133.4	23.6	47	SM400A		
2	HSTF	PL	160* 17	1111	133.4	23.7	47	SM400A		
1	HSTF	PL	160* 17	1106	133.4	23.6	24	SM400A		
1	HSTF	PL	160* 17	223	133.4	4.76	5	SM400A		
1	RWEB	PL	3066* 15	8380	117.8	3026	3026	SM490YA		
7	HANGER	PL	90* 9	150	70.65	0.954	7	SM400A		
7	HANGER	PL	90* 9	150	70.65	0.954	7	SM400A		

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1	VSTF	PL	240* 19	3117	149.2	112	112	SM400A		
2	VSTF	PL	240* 19	3117	149.2	112	224	SM400A		
1	HSTF	PL	160* 17	226	133.4	4.82	5	SM400A		
6	HSTF	PL	160* 17	1107	133.4	23.6	142	SM400A		
1	HSTF	PL	160* 17	226	133.4	4.82	5	SM400A		
1	HSTF	PL	160* 17	227	133.4	4.85	5	SM400A		
1	HSTF	PL	160* 17	1108	133.4	23.7	24	SM400A		
2	HSTF	PL	160* 17	1103	133.4	23.5	47	SM400A		
2	HSTF	PL	160* 17	1108	133.4	23.7	47	SM400A		
1	HSTF	PL	160* 17	1103	133.4	23.5	24	SM400A		
1	HSTF	PL	160* 17	222	133.4	4.74	5	SM400A		
1	LFLG	PL	1749* 10	8363	78.50	1148	1148	SM490YA		
5	LRIB	PL	170* 17	8336	133.4	189	945	SM490YB		
1	MIZUNUKI	FB	50* 6	250	2.360	0.59	1	SS400		
2	MIZUNUKI	FB	50* 6	246	2.360	0.581	1	SS400		
1	MIZUNUKI	FB	50* 6	252	2.360	0.595	1	SS400		
1	MIZUNUKI	FB	50* 6	259	2.360	0.611	1	SS400		
1	MIZUNUKI	FB	50* 6	262	2.360	0.618	1	SS400		
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70	
J12-J13										
9071 kg										

APPROACH BRIDGE GIRDER G4 J13-J14										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	2730* 15	7203	117.8	2316	2316	SM490YA		
4	HANGER	PL	90* 9	150	70.65	0.954	4	SM400A		
4	HANGER	PL	90* 9	150	70.65	0.954	4	SM400A		
2	VSTF	PL	240* 19	2650	149.2	94.9	190	SM400A		
1	VSTF	PL	240* 19	2650	149.2	94.9	95	SM400A		
1	HSTF	PL	160* 17	223	133.4	4.76	5	SM400A		
5	HSTF	PL	160* 17	1111	133.4	23.7	118	SM400A		
1	HSTF	PL	160* 17	228	133.4	4.87	5	SM400A		
1	HSTF	PL	160* 17	223	133.4	4.76	5	SM400A		
1	HSTF	PL	160* 17	975	133.4	20.8	21	SM400A		
1	HSTF	PL	160* 17	975	133.4	20.8	21	SM400A		
2	HSTF	PL	160* 17	1106	133.4	23.6	47	SM400A		
1	HSTF	PL	160* 17	1111	133.4	23.7	24	SM400A		
1	HSTF	PL	160* 17	228	133.4	4.87	5	SM400A		
1	RWEB	PL	3065* 15	7186	117.8	2595	2595	SM490YA		
6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A		
6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A		
2	VSTF	PL	240* 19	3117	149.2	112	224	SM400A		
1	VSTF	PL	240* 19	3117	149.2	112	112	SM400A		

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1	HSTF	PL	160* 17	221	133.4	4.72	5	SM400A		
5	HSTF	PL	160* 17	1107	133.4	23.6	118	SM400A		
1	HSTF	PL	160* 17	226	133.4	4.82	5	SM400A		
1	HSTF	PL	160* 17	222	133.4	4.74	5	SM400A		
2	HSTF	PL	160* 17	1108	133.4	23.7	47	SM400A		
2	HSTF	PL	160* 17	1103	133.4	23.5	47	SM400A		
1	HSTF	PL	160* 17	1108	133.4	23.7	24	SM400A		
1	HSTF	PL	160* 17	227	133.4	4.85	5	SM400A		
1	LFLG	PL	1746* 10	7168	78.50	983	983	SM490YA		
5	LRIB	PL	170* 17	7142	133.4	162	810	SM490YB		
1	MIZUNUKI	FB	50* 6	250	2.360	0.59	1	SS400		
2	MIZUNUKI	FB	50* 6	246	2.360	0.581	1	SS400		
1	MIZUNUKI	FB	50* 6	252	2.360	0.595	1	SS400		
1	MIZUNUKI	FB	50* 6	259	2.360	0.611	1	SS400		
1	MIZUNUKI	FB	50* 6	262	2.360	0.618	1	SS400		
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70	
J13-J14 7858 kg										

APPROACH BRIDGE GIRDER G4 J14-J15										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	2730* 15	8396	117.8	2700	2700	SM490YA		
6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A		
6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A		
1	VSTF	PL	240* 19	2650	149.2	94.9	95	SM400A		
2	VSTF	PL	240* 19	2650	149.2	94.9	190	SM400A		
1	VSTF	PL	240* 19	2650	149.2	94.9	95	SM400A		
1	HSTF	PL	160* 17	223	133.4	4.76	5	SM400A		
5	HSTF	PL	160* 17	1111	133.4	23.7	118	SM400A		
1	HSTF	PL	160* 17	1111	133.4	23.7	24	SM400A		
1	HSTF	PL	160* 17	223	133.4	4.76	5	SM400A		
1	HSTF	PL	160* 17	223	133.4	4.76	5	SM400A		
2	HSTF	PL	160* 17	1106	133.4	23.6	47	SM400A		
1	HSTF	PL	160* 17	975	133.4	20.8	21	SM400A		
1	HSTF	PL	160* 17	975	133.4	20.8	21	SM400A		
1	HSTF	PL	160* 17	1106	133.4	23.6	24	SM400A		
1	HSTF	PL	160* 17	1106	133.4	23.6	24	SM400A		
1	HSTF	PL	160* 17	223	133.4	4.76	5	SM400A		
1	RWEB	PL	3066* 15	8378	117.8	3026	3026	SM490YA		
7	HANGER	PL	90* 9	150	70.65	0.954	7	SM400A		
7	HANGER	PL	90* 9	150	70.65	0.954	7	SM400A		
1	VSTF	PL	240* 19	3117	149.2	112	112	SM400A		
2	VSTF	PL	240* 19	3117	149.2	112	224	SM400A		

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1	VSTF	PL	240* 19	3117	149.2	112	112	SM400A		
1	HSTF	PL	160* 17	221	133.4	4.72	5	SM400A		
5	HSTF	PL	160* 17	1107	133.4	23.6	118	SM400A		
1	HSTF	PL	160* 17	1109	133.4	23.7	24	SM400A		
1	HSTF	PL	160* 17	221	133.4	4.72	5	SM400A		
1	HSTF	PL	160* 17	222	133.4	4.74	5	SM400A		
2	HSTF	PL	160* 17	1103	133.4	23.5	47	SM400A		
2	HSTF	PL	160* 17	1108	133.4	23.7	47	SM400A		
1	HSTF	PL	160* 17	1103	133.4	23.5	24	SM400A		
1	HSTF	PL	160* 17	1104	133.4	23.6	24	SM400A		
1	HSTF	PL	160* 17	221	133.4	4.72	5	SM400A		
1	LFLG	PL	1748* 10	8363	78.50	1148	1148	SM490YA		
5	LRIB	PL	170* 17	8336	133.4	189	945	SM490YB		
1	MIZUNUKI	FB	50* 6	250	2.360	0.59	1	SS400		
2	MIZUNUKI	FB	50* 6	246	2.360	0.581	1	SS400		
1	MIZUNUKI	FB	50* 6	252	2.360	0.595	1	SS400		
1	MIZUNUKI	FB	50* 6	259	2.360	0.611	1	SS400		
1	MIZUNUKI	FB	50* 6	262	2.360	0.618	1	SS400		
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70	
J14-J15										
9282 kg										

APPROACH BRIDGE GIRDER G4 J15-J16										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	2730* 15	7210	117.8	2318	2318	SM490YA		
4	HANGER	PL	90* 9	150	70.65	0.954	4	SM400A		
4	HANGER	PL	90* 9	150	70.65	0.954	4	SM400A		
1	VSTF	PL	240* 19	2650	149.2	94.9	95	SM400A		
2	VSTF	PL	240* 19	2649	149.2	94.9	190	SM400A		
1	HSTF	PL	160* 17	228	133.4	4.87	5	SM400A		
2	HSTF	PL	160* 17	1111	133.4	23.7	47	SM400A		
2	HSTF	PL	160* 17	1112	133.4	23.7	47	SM400A		
1	HSTF	PL	160* 17	1114	133.4	23.8	24	SM400A		
1	HSTF	PL	160* 17	224	133.4	4.78	5	SM400A		
1	HSTF	PL	160* 17	228	133.4	4.87	5	SM400A		
1	HSTF	PL	160* 17	1111	133.4	23.7	24	SM400A		
1	HSTF	PL	160* 17	1106	133.4	23.6	24	SM400A		
1	HSTF	PL	160* 17	1107	133.4	23.6	24	SM400A		
1	HSTF	PL	160* 17	976	133.4	20.8	21	SM400A		
1	HSTF	PL	160* 17	977	133.4	20.9	21	SM400A		
1	HSTF	PL	160* 17	224	133.4	4.78	5	SM400A		
1	RWEB	PL	3118* 15	7381	117.8	2711	2711	SM490YA		
6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A		

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6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A		
1	VSTF	PL	240* 19	3117	149.2	112	112	SM400A		
2	VSTF	PL	240* 19	3118	149.2	112	224	SM400A		
1	HSTF	PL	160* 17	227	133.4	4.85	5	SM400A		
2	HSTF	PL	160* 17	1109	133.4	23.7	47	SM400A		
1	HSTF	PL	160* 17	1197	133.4	25.5	26	SM400A		
1	HSTF	PL	160* 17	1219	133.4	26.0	26	SM400A		
1	HSTF	PL	160* 17	1112	133.4	23.7	24	SM400A		
1	HSTF	PL	160* 17	224	133.4	4.78	5	SM400A		
1	HSTF	PL	160* 17	227	133.4	4.85	5	SM400A		
1	HSTF	PL	160* 17	1110	133.4	23.7	24	SM400A		
1	HSTF	PL	160* 17	1104	133.4	23.6	24	SM400A		
1	HSTF	PL	160* 17	1128	133.4	24.1	24	SM400A		
1	HSTF	PL	160* 17	1220	133.4	26.0	26	SM400A		
1	HSTF	PL	160* 17	1113	133.4	23.8	24	SM400A		
1	HSTF	PL	160* 17	224	133.4	4.78	5	SM400A		
1	LFLG	PL	1855* 10	7283	78.50	1061	1061	SM490YA		
5	LRIB	PL	170* 17	7207	133.4	163	815	SM490YB		
1	MIZUNUKI	FB	50* 6	250	2.360	0.59	1	SS400		
2	MIZUNUKI	FB	50* 6	246	2.360	0.581	1	SS400		
1	MIZUNUKI	FB	50* 6	252	2.360	0.595	1	SS400		
1	MIZUNUKI	FB	50* 6	259	2.360	0.611	1	SS400		
1	MIZUNUKI	FB	50* 6	262	2.360	0.618	1	SS400		
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70	
J15-J16										
8069 kg										

APPROACH BRIDGE GIRDER G4 J16-J17										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	2729* 15	8421	117.8	2707	2707	SM490YA		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
2	VSTF	PL	240* 19	2649	149.2	94.9	190	SM400A		
1	VSTF	PL	240* 19	2649	149.2	94.9	95	SM400A		
1	HSTF	PL	160* 17	229	133.4	4.89	5	SM400A		
4	HSTF	PL	160* 17	1114	133.4	23.8	95	SM400A		
1	HSTF	PL	160* 17	224	133.4	4.78	5	SM400A		
1	HSTF	PL	160* 17	1109	133.4	23.7	24	SM400A		
2	HSTF	PL	160* 17	1114	133.4	23.8	48	SM400A		
2	HSTF	PL	160* 17	1109	133.4	23.7	47	SM400A		
1	HSTF	PL	160* 17	994	133.4	21.2	21	SM400A		
1	RWEB	PL	3065* 15	8411	117.8	3037	3037	SM490YA		
7	HANGER	PL	90* 9	150	70.65	0.954	7	SM400A		

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7	HANGER	PL	90* 9	150	70.65	0.954	7	SM400A		
2	VSTF	PL	240* 19	3118	149.2	112	224	SM400A		
1	VSTF	PL	240* 19	3118	149.2	112	112	SM400A		
1	HSTF	PL	160* 17	229	133.4	4.89	5	SM400A		
4	HSTF	PL	160* 17	1112	133.4	23.7	95	SM400A		
1	HSTF	PL	160* 17	224	133.4	4.78	5	SM400A		
1	HSTF	PL	160* 17	1108	133.4	23.7	24	SM400A		
2	HSTF	PL	160* 17	1113	133.4	23.8	48	SM400A		
2	HSTF	PL	160* 17	1108	133.4	23.7	47	SM400A		
1	HSTF	PL	160* 17	1113	133.4	23.8	24	SM400A		
1	HSTF	PL	160* 17	229	133.4	4.89	5	SM400A		
1	LFLG	PL	1744* 12	8387	94.20	1378	1378	SM490YA		
5	LRIB	PL	170* 17	8363	133.4	190	950	SM490YB		
1	MIZUNUKI	FB	50* 6	250	2.360	0.59	1	SS400		
2	MIZUNUKI	FB	50* 6	246	2.360	0.581	1	SS400		
1	MIZUNUKI	FB	50* 6	252	2.360	0.595	1	SS400		
1	MIZUNUKI	FB	50* 6	259	2.360	0.611	1	SS400		
1	MIZUNUKI	FB	50* 6	262	2.360	0.618	1	SS400		
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70	
J16-J17										
9221 kg										

APPROACH BRIDGE GIRDER G4 J17-J18										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	2729* 15	8421	117.8	2707	2707	SM490YA		
6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A		
6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A		
1	VSTF	PL	240* 19	2649	149.2	94.9	95	SM400A		
2	VSTF	PL	240* 19	2649	149.2	94.9	190	SM400A		
1	VSTF	PL	240* 19	2649	149.2	94.9	95	SM400A		
1	HSTF	PL	160* 17	225	133.4	4.80	5	SM400A		
2	HSTF	PL	160* 17	1109	133.4	23.7	47	SM400A		
2	HSTF	PL	160* 17	1114	133.4	23.8	48	SM400A		
1	HSTF	PL	160* 17	1110	133.4	23.7	24	SM400A		
1	HSTF	PL	160* 17	1109	133.4	23.7	24	SM400A		
1	HSTF	PL	160* 17	150	133.4	3.20	3	SM400A		
1	RWEB	PL	3065* 15	8411	117.8	3037	3037	SM490YA		
7	HANGER	PL	90* 9	150	70.65	0.954	7	SM400A		
7	HANGER	PL	90* 9	150	70.65	0.954	7	SM400A		
1	VSTF	PL	240* 19	3118	149.2	112	112	SM400A		
2	VSTF	PL	240* 19	3118	149.2	112	224	SM400A		
1	VSTF	PL	240* 19	3118	149.2	112	112	SM400A		
1	HSTF	PL	160* 17	224	133.4	4.78	5	SM400A		

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2	HSTF	PL	160* 17	1108	133.4	23.7	47	SM400A		
2	HSTF	PL	160* 17	1113	133.4	23.8	48	SM400A		
2	HSTF	PL	160* 17	1108	133.4	23.7	47	SM400A		
1	LFLG	PL	1744* 24	8389	188.4	2756	2756	SM490YB		
5	LRIB	PL	200* 22	8365	172.7	289	1445	SM490YB		
1	MIZUNUKI	FB	50* 6	250	2.360	0.59	1	SS400		
2	MIZUNUKI	FB	50* 6	246	2.360	0.581	1	SS400		
1	MIZUNUKI	FB	50* 6	252	2.360	0.595	1	SS400		
1	MIZUNUKI	FB	50* 6	259	2.360	0.611	1	SS400		
1	MIZUNUKI	FB	50* 6	262	2.360	0.618	1	SS400		
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70	
J17-J18										
11103 kg										

APPROACH BRIDGE GIRDER G4 J18-J19										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	2729* 17	6870	133.4	2501	2501	SM490YB		
4	HANGER	PL	90* 9	150	70.65	0.954	4	SM400A		
4	HANGER	PL	90* 9	150	70.65	0.954	4	SM400A		
1	VSTF	PL	240* 19	2649	149.2	94.9	95	SM400A		
2	VSTF	PL	240* 19	2649	149.2	94.9	190	SM400A		
1	HSTF	PL	160* 17	975	133.4	20.8	21	SM400A		
2	HSTF	PL	160* 17	1091	133.4	23.3	47	SM400A		
1	HSTF	PL	160* 17	1096	133.4	23.4	23	SM400A		
1	HSTF	PL	160* 17	596	133.4	12.7	13	SM400A		
1	HSTF	PL	160* 17	390	133.4	8.32	8	SM400A		
1	RWEB	PL	3064* 17	6862	133.4	2805	2805	SM490YB		
6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A		
6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A		
1	VSTF	PL	240* 19	3118	149.2	112	112	SM400A		
2	VSTF	PL	240* 19	3118	149.2	112	224	SM400A		
1	HSTF	PL	160* 17	154	133.4	3.29	3	SM400A		
1	HSTF	PL	160* 17	1095	133.4	23.4	23	SM400A		
2	HSTF	PL	160* 17	1090	133.4	23.3	47	SM400A		
1	HSTF	PL	160* 17	1095	133.4	23.4	23	SM400A		
1	HSTF	PL	160* 17	595	133.4	12.7	13	SM400A		
1	HSTF	PL	160* 17	390	133.4	8.32	8	SM400A		
1	LFLG	PL	1743* 45	6839	353.2	4210	4210	SM520C-H		
5	LRIB	PL	200* 22	6816	172.7	235	1175	SM490YB		
1	MIZUNUKI	FB	50* 6	250	2.360	0.59	1	SS400		
2	MIZUNUKI	FB	50* 6	246	2.360	0.581	1	SS400		
1	MIZUNUKI	FB	50* 6	252	2.360	0.595	1	SS400		
1	MIZUNUKI	FB	50* 6	259	2.360	0.611	1	SS400		

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1	MIZUNUKI	FB	50* 6	262	2.360	0.618	1	SS400		
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70	
J18-J19							11567 kg			

APPROACH BRIDGE GIRDER G4 J19-J20										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	2729* 17	6220	133.4	2264	2264	SM490YB		
4	HANGER	PL	90* 9	150	70.65	0.954	4	SM400A		
4	HANGER	PL	90* 9	150	70.65	0.954	4	SM400A		
2	VSTF	PL	240* 19	2649	149.2	94.9	190	SM400A		
1	HSTF	PL	160* 17	336	133.4	7.17	7	SM400A		
1	HSTF	PL	160* 17	1091	133.4	23.3	23	SM400A		
1	HSTF	PL	160* 17	961	133.4	20.5	20	SM400A		
1	HSTF	PL	160* 17	892	133.4	19.0	19	SM400A		
1	HSTF	PL	160* 17	1023	133.4	21.8	22	SM400A		
1	HSTF	PL	160* 17	371	133.4	7.92	8	SM400A		
1	RWEB	PL	3064* 17	6212	133.4	2539	2539	SM490YB		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
2	VSTF	PL	240* 19	3118	149.2	112	224	SM400A		
1	HSTF	PL	160* 17	389	133.4	8.30	8	SM400A		
1	HSTF	PL	160* 17	981	133.4	20.9	21	SM400A		
1	HSTF	PL	160* 17	976	133.4	20.8	21	SM400A		
1	HSTF	PL	160* 17	1125	133.4	24.0	24	SM400A		
1	HSTF	PL	160* 17	1129	133.4	24.1	24	SM400A		
1	HSTF	PL	160* 17	320	133.4	6.83	7	SM400A		
1	LFLG	PL	1901* 57	6190	447.4	4897	4897	SM520C-H	93	
3	LRIB	PL	200* 22	6167	172.7	213	639	SM490YB		
1	LRIB	PL	200* 22	2622	172.7	90.6	91	SM490YB		
1	LRIB	PL	200* 22	2605	172.7	90.0	90	SM490YB		
1	LRIB	PL	200* 22	2566	172.7	88.6	89	SM490YB		
1	LRIB	PL	200* 22	2580	172.7	89.1	89	SM490YB		
1	SOLE	PL	1100* 51	970	400.4	406	406	SM490C	95	
1	MIZUNUKI	FB	50* 6	250	2.360	0.59	1	SS400		
2	MIZUNUKI	FB	50* 6	246	2.360	0.581	1	SS400		
1	MIZUNUKI	FB	50* 6	252	2.360	0.595	1	SS400		
1	MIZUNUKI	FB	50* 6	259	2.360	0.611	1	SS400		
1	MIZUNUKI	FB	50* 6	262	2.360	0.618	1	SS400		
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70	
2	FLG	PL	100* 10	1725	78.50	13.5	27	SM400A		
2	WEB	PL	400* 9	1725	70.65	48.7	97	SM400A		

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J19-J20	11870 kg
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APPROACH BRIDGE GIRDER G4 J20-J21										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	2729* 17	6521	133.4	2375	2375	SM490YB		
4	HANGER	PL	90* 9	150	70.65	0.954	4	SM400A		
4	HANGER	PL	90* 9	150	70.65	0.954	4	SM400A		
2	VSTF	PL	240* 19	2649	149.2	94.9	190	SM400A		
1	VSTF	PL	240* 19	2649	149.2	94.9	95	SM400A		
1	HSTF	PL	160* 17	326	133.4	6.96	7	SM400A		
1	HSTF	PL	160* 17	598	133.4	12.8	13	SM400A		
1	HSTF	PL	160* 17	1028	133.4	21.9	22	SM400A		
2	HSTF	PL	160* 17	1023	133.4	21.8	44	SM400A		
1	HSTF	PL	160* 17	907	133.4	19.4	19	SM400A		
1	RWEB	PL	3064* 17	6513	133.4	2663	2663	SM490YB		
6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A		
6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A		
2	VSTF	PL	240* 19	3118	149.2	112	224	SM400A		
1	VSTF	PL	240* 19	3118	149.2	112	112	SM400A		
1	HSTF	PL	160* 17	326	133.4	6.96	7	SM400A		
1	HSTF	PL	160* 17	596	133.4	12.7	13	SM400A		
1	HSTF	PL	160* 17	1027	133.4	21.9	22	SM400A		
2	HSTF	PL	160* 17	1022	133.4	21.8	44	SM400A		
1	HSTF	PL	160* 17	1027	133.4	21.9	22	SM400A		
1	HSTF	PL	160* 17	217	133.4	4.63	5	SM400A		
1	LFLG	PL	1743* 42	6492	329.7	3732	3732	SM520C-H		
5	LRIB	PL	200* 22	6469	172.7	223	1115	SM490YB		
1	MIZUNUKI	FB	50* 6	250	2.360	0.59	1	SS400		
2	MIZUNUKI	FB	50* 6	246	2.360	0.581	1	SS400		
1	MIZUNUKI	FB	50* 6	252	2.360	0.595	1	SS400		
1	MIZUNUKI	FB	50* 6	259	2.360	0.611	1	SS400		
1	MIZUNUKI	FB	50* 6	262	2.360	0.618	1	SS400		
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70	
J20-J21					10750 kg					

APPROACH BRIDGE GIRDER G4 J21-J22										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	2731* 15	7068	117.8	2274	2274	SM490YA		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
1	VSTF	PL	240* 19	2649	149.2	94.9	95	SM400A		

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2	VSTF	PL	240* 19	2649	149.2	94.9	190	SM400A			
1	HSTF	PL	160* 17	213	133.4	4.55	5	SM400A			
1	HSTF	PL	160* 17	1086	133.4	23.2	23	SM400A			
1	HSTF	PL	160* 17	1085	133.4	23.2	23	SM400A			
1	HSTF	PL	160* 17	1090	133.4	23.3	23	SM400A			
1	HSTF	PL	160* 17	1089	133.4	23.2	23	SM400A			
1	HSTF	PL	160* 17	1084	133.4	23.1	23	SM400A			
1	HSTF	PL	160* 17	159	133.4	3.39	3	SM400A			
1	RWEB	PL	3105* 15	6928	117.8	2534	2534	SM490YA			
6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A			
6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A			
1	VSTF	PL	240* 19	3118	149.2	112	112	SM400A			
2	VSTF	PL	240* 19	3118	149.2	112	224	SM400A			
1	HSTF	PL	160* 17	212	133.4	4.52	5	SM400A			
2	HSTF	PL	160* 17	1084	133.4	23.1	46	SM400A			
1	HSTF	PL	160* 17	1089	133.4	23.2	23	SM400A			
1	HSTF	PL	160* 17	980	133.4	20.9	21	SM400A			
1	HSTF	PL	160* 17	1061	133.4	22.7	23	SM400A			
1	HSTF	PL	160* 17	158	133.4	3.37	3	SM400A			
1	LFLG	PL	1831* 21	7048	164.8	2126	2126	SM490YB			
5	LRIB	PL	200* 22	6966	172.7	241	1205	SM490YB			
1	MIZUNUKI	FB	50* 6	250	2.360	0.59	1	SS400			
2	MIZUNUKI	FB	50* 6	246	2.360	0.581	1	SS400			
1	MIZUNUKI	FB	50* 6	252	2.360	0.595	1	SS400			
1	MIZUNUKI	FB	50* 6	259	2.360	0.611	1	SS400			
1	MIZUNUKI	FB	50* 6	262	2.360	0.618	1	SS400			
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70		
J21-J22											
							9032 kg				

APPROACH BRIDGE GIRDER G4 J22-J23										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	2731* 15	8223	117.8	2646	2646	SM490YA		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
2	VSTF	PL	240* 19	2650	149.2	94.9	190	SM400A		
1	VSTF	PL	240* 19	2650	149.2	94.9	95	SM400A		
1	VSTF	PL	240* 19	2615	149.2	93.6	94	SM400A		
5	HSTF	PL	160* 17	1088	133.4	23.2	116	SM400A		
1	HSTF	PL	160* 17	211	133.4	4.50	4	SM400A		
1	HSTF	PL	160* 17	211	133.4	4.50	4	SM400A		
2	HSTF	PL	160* 17	967	133.4	20.6	41	SM400A		
2	HSTF	PL	160* 17	1083	133.4	23.1	46	SM400A		

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1	RWEB	PL	3064* 15	8213	117.8	2964	2964	SM490YA		
7	HANGER	PL	90* 9	150	70.65	0.954	7	SM400A		
7	HANGER	PL	90* 9	150	70.65	0.954	7	SM400A		
2	VSTF	PL	240* 19	3117	149.2	112	224	SM400A		
1	VSTF	PL	240* 19	3117	149.2	112	112	SM400A		
1	VSTF	PL	240* 19	2947	149.2	106	106	SM400A		
5	HSTF	PL	160* 17	1086	133.4	23.2	116	SM400A		
1	HSTF	PL	160* 17	210	133.4	4.48	4	SM400A		
1	HSTF	PL	160* 17	264	133.4	5.63	6	SM400A		
1	HSTF	PL	160* 17	1087	133.4	23.2	23	SM400A		
1	HSTF	PL	160* 17	1086	133.4	23.2	23	SM400A		
2	HSTF	PL	160* 17	1081	133.4	23.1	46	SM400A		
1	LFLG	PL	1744* 14	8201	109.9	1572	1572	SM490YA		
3	LRIB	PL	170* 17	6391	133.4	145	435	SM490YB		
2	LRIB	PL	170* 17	8178	133.4	185	370	SM490YB		
1	MIZUNUKI	FB	50* 6	250	2.360	0.59	1	SS400		
2	MIZUNUKI	FB	50* 6	246	2.360	0.581	1	SS400		
1	MIZUNUKI	FB	50* 6	252	2.360	0.595	1	SS400		
1	MIZUNUKI	FB	50* 6	259	2.360	0.611	1	SS400		
1	MIZUNUKI	FB	50* 6	262	2.360	0.618	1	SS400		
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70	
J22-J23								9267 kg		

APPROACH BRIDGE GIRDER G4 J23-J24										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	2730* 15	8221	117.8	2643	2643	SM490YA		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
2	VSTF	PL	240* 19	2615	149.2	93.6	187	SM400A		
1	VSTF	PL	240* 19	2615	149.2	93.6	94	SM400A		
1	HSTF	PL	160* 17	216	133.4	4.61	5	SM400A		
3	HSTF	PL	160* 17	1088	133.4	23.2	70	SM400A		
1	HSTF	PL	160* 17	1087	133.4	23.2	23	SM400A		
1	HSTF	PL	160* 17	1088	133.4	23.2	23	SM400A		
1	HSTF	PL	160* 17	1087	133.4	23.2	23	SM400A		
1	HSTF	PL	160* 17	216	133.4	4.61	5	SM400A		
1	RWEB	PL	3064* 15	8211	117.8	2964	2964	SM490YA		
7	HANGER	PL	90* 9	150	70.65	0.954	7	SM400A		
7	HANGER	PL	90* 9	150	70.65	0.954	7	SM400A		
2	VSTF	PL	240* 19	2947	149.2	106	212	SM400A		
1	VSTF	PL	240* 19	2947	149.2	106	106	SM400A		
1	HSTF	PL	160* 17	215	133.4	4.59	5	SM400A		

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6	HSTF	PL	160* 17	1086	133.4	23.2	139	SM400A		
1	HSTF	PL	160* 17	215	133.4	4.59	5	SM400A		
1	LFLG	PL	1744* 27	8201	212.0	3032	3032	SM490YB		
2	LRIB	PL	200* 22	8177	172.7	282	564	SM490YB		
2	MIZUNUKI	FB	50* 6	524	2.360	1.24	2	SS400		
1	MIZUNUKI	FB	50* 6	520	2.360	1.23	1	SS400		
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70	
J23-J24										
10128 kg										

APPROACH BRIDGE GIRDER G4 J24-J25										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	2730* 17	8139	133.4	2964	2964	SM570		
6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A		
6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A		
1	VSTF	PL	240* 19	2615	149.2	93.6	94	SM400A		
2	VSTF	PL	240* 19	2615	149.2	93.6	187	SM400A		
1	VSTF	PL	240* 19	2615	149.2	93.6	94	SM400A		
1	HSTF	PL	160* 17	211	133.4	4.50	4	SM400A		
1	HSTF	PL	160* 17	1087	133.4	23.2	23	SM400A		
1	HSTF	PL	160* 17	1088	133.4	23.2	23	SM400A		
1	HSTF	PL	160* 17	1087	133.4	23.2	23	SM400A		
1	HSTF	PL	160* 17	1088	133.4	23.2	23	SM400A		
1	HSTF	PL	160* 17	1087	133.4	23.2	23	SM400A		
1	HSTF	PL	160* 17	1088	133.4	23.2	23	SM400A		
1	RWEB	PL	3064* 17	8130	133.4	3323	3323	SM570		
7	HANGER	PL	90* 9	150	70.65	0.954	7	SM400A		
7	HANGER	PL	90* 9	150	70.65	0.954	7	SM400A		
1	VSTF	PL	240* 19	2947	149.2	106	106	SM400A		
2	VSTF	PL	240* 19	2947	149.2	106	212	SM400A		
1	VSTF	PL	240* 19	2947	149.2	106	106	SM400A		
1	HSTF	PL	160* 17	210	133.4	4.48	4	SM400A		
6	HSTF	PL	160* 17	1086	133.4	23.2	139	SM400A		
1	LFLG	PL	1744* 29	8121	227.6	3223	3223	SM570		
2	LRIB	PL	200* 22	8097	172.7	280	560	SM570		
2	MIZUNUKI	FB	50* 6	524	2.360	1.24	2	SS400		
1	MIZUNUKI	FB	50* 6	520	2.360	1.23	1	SS400		
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70	
J24-J25										
11184 kg										

APPROACH BRIDGE GIRDER G4 J25-J26										

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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	2730* 17	8332	133.4	3035	3035	SM570		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
1	VSTF	PL	240* 19	2615	149.2	93.6	94	SM400A		
2	VSTF	PL	240* 19	2615	149.2	93.6	187	SM400A		
2	HSTF	PL	160* 17	1088	133.4	23.2	46	SM400A		
2	HSTF	PL	160* 17	1058	133.4	22.6	45	SM400A		
2	HSTF	PL	160* 17	1073	133.4	22.9	46	SM400A		
1	HSTF	PL	160* 17	189	133.4	4.03	4	SM400A		
1	RWEB	PL	3080* 17	8275	133.4	3400	3400	SM570		
7	HANGER	PL	90* 9	150	70.65	0.954	7	SM400A		
7	HANGER	PL	90* 9	150	70.65	0.954	7	SM400A		
1	VSTF	PL	240* 19	2947	149.2	106	106	SM400A		
2	VSTF	PL	240* 19	2947	149.2	106	212	SM400A		
1	HSTF	PL	160* 17	1086	133.4	23.2	23	SM400A		
1	HSTF	PL	160* 17	1086	133.4	23.2	23	SM400A		
1	HSTF	PL	160* 17	1035	133.4	22.1	22	SM400A		
1	HSTF	PL	160* 17	1039	133.4	22.2	22	SM400A		
2	HSTF	PL	160* 17	1063	133.4	22.7	45	SM400A		
1	HSTF	PL	160* 17	183	133.4	3.91	4	SM400A		
1	LFLG	PL	1777* 38	8318	298.3	4409	4409	SM570		
2	LRIB	PL	200* 22	8276	172.7	286	572	SM570		
2	MIZUNUKI	FB	50* 6	524	2.360	1.24	2	SS400		
1	MIZUNUKI	FB	50* 6	520	2.360	1.23	1	SS400		
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70	
J25-J26							12323 kg			

APPROACH BRIDGE GIRDER G4 J26-J27										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	2730* 17	7864	133.4	2864	2864	SM570		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
2	VSTF	PL	240* 19	2615	149.2	93.6	187	SM400A		
2	VSTF	PL	240* 19	2615	149.2	93.6	187	SM400A		
1	HSTF	PL	160* 17	873	133.4	18.6	19	SM400A		
2	HSTF	PL	160* 17	1073	133.4	22.9	46	SM400A		
2	HSTF	PL	160* 17	1089	133.4	23.2	46	SM400A		
1	HSTF	PL	160* 17	790	133.4	16.9	17	SM400A		
1	HSTF	PL	160* 17	183	133.4	3.91	4	SM400A		
1	RWEB	PL	3069* 17	7838	133.4	3208	3208	SM570		
7	HANGER	PL	90* 9	150	70.65	0.954	7	SM400A		

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7	HANGER	PL	90* 9	150	70.65	0.954	7	SM400A		
2	VSTF	PL	240* 19	2947	149.2	106	212	SM400A		
2	VSTF	PL	240* 19	2947	149.2	106	212	SM400A		
1	HSTF	PL	160* 17	867	133.4	18.5	18	SM400A		
2	HSTF	PL	160* 17	1063	133.4	22.7	45	SM400A		
2	HSTF	PL	160* 17	1089	133.4	23.2	46	SM400A		
1	HSTF	PL	160* 17	795	133.4	17.0	17	SM400A		
1	HSTF	PL	160* 17	178	133.4	3.80	4	SM400A		
1	LFLG	PL	1755* 42	7851	329.7	4543	4543	SM570-H		
2	LRIB	PL	200* 22	7819	172.7	270	540	SM570		
2	MIZUNUKI	FB	50* 6	524	2.360	1.24	2	SS400		
1	MIZUNUKI	FB	50* 6	520	2.360	1.23	1	SS400		
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70	
J26-J27										
12243 kg										

APPROACH BRIDGE GIRDER G4 J27-J28										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	2730* 17	7120	133.4	2593	2593	SM570		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
2	VSTF	PL	240* 19	2615	149.2	93.6	187	SM400A		
1	VSTF	PL	240* 19	2615	149.2	93.6	94	SM400A		
1	HSTF	PL	160* 17	248	133.4	5.29	5	SM400A		
4	HSTF	PL	160* 17	1090	133.4	23.3	93	SM400A		
1	HSTF	PL	160* 17	850	133.4	18.1	18	SM400A		
1	HSTF	PL	160* 17	183	133.4	3.91	4	SM400A		
1	RWEB	PL	3062* 17	7120	133.4	2908	2908	SM570		
6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A		
6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A		
2	VSTF	PL	240* 19	2947	149.2	106	212	SM400A		
1	VSTF	PL	240* 19	2947	149.2	106	106	SM400A		
1	HSTF	PL	160* 17	248	133.4	5.29	5	SM400A		
4	HSTF	PL	160* 17	1090	133.4	23.3	93	SM400A		
1	HSTF	PL	160* 17	850	133.4	18.1	18	SM400A		
1	HSTF	PL	160* 17	183	133.4	3.91	4	SM400A		
1	LFLG	PL	1740* 42	7106	329.7	4075	4075	SM570-H		
2	LRIB	PL	200* 22	7086	172.7	245	490	SM570		
2	MIZUNUKI	FB	50* 6	524	2.360	1.24	2	SS400		
1	MIZUNUKI	FB	50* 6	520	2.360	1.23	1	SS400		
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70	
J27-J28										
10931 kg										

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APPROACH BRIDGE GIRDER G4 J28-J29										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	2730* 17	7097	133.4	2584	2584	SM570		
4	HANGER	PL	90* 9	150	70.65	0.954	4	SM400A		
4	HANGER	PL	90* 9	150	70.65	0.954	4	SM400A		
1	VSTF	PL	240* 19	2615	149.2	93.6	94	SM400A		
2	VSTF	PL	240* 19	2615	149.2	93.6	187	SM400A		
1	HSTF	PL	160* 17	188	133.4	4.01	4	SM400A		
4	HSTF	PL	160* 17	1090	133.4	23.3	93	SM400A		
1	HSTF	PL	160* 17	950	133.4	20.3	20	SM400A		
1	HSTF	PL	160* 17	123	133.4	2.63	3	SM400A		
1	RWEB	PL	3062* 17	7097	133.4	2899	2899	SM570		
6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A		
6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A		
1	VSTF	PL	240* 19	2947	149.2	106	106	SM400A		
2	VSTF	PL	240* 19	2947	149.2	106	212	SM400A		
1	HSTF	PL	160* 17	188	133.4	4.01	4	SM400A		
4	HSTF	PL	160* 17	1090	133.4	23.3	93	SM400A		
1	HSTF	PL	160* 17	950	133.4	20.3	20	SM400A		
1	HSTF	PL	160* 17	123	133.4	2.63	3	SM400A		
1	LFLG	PL	1740* 42	7085	329.7	4065	4065	SM570-H		
2	LRIB	PL	200* 22	7065	172.7	244	488	SM570		
2	MIZUNUKI	FB	50* 6	524	2.360	1.24	2	SS400		
1	MIZUNUKI	FB	50* 6	520	2.360	1.23	1	SS400		
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70	
J28-J29							10899 kg			

APPROACH BRIDGE GIRDER G4 J29-J30										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	2730* 17	8388	133.4	3055	3055	SM570		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
2	VSTF	PL	240* 19	2615	149.2	93.6	187	SM400A		
1	VSTF	PL	240* 19	2615	149.2	93.6	94	SM400A		
6	HSTF	PL	160* 17	1090	133.4	23.3	140	SM400A		
1	RWEB	PL	3062* 17	8388	133.4	3426	3426	SM570		
7	HANGER	PL	90* 9	150	70.65	0.954	7	SM400A		
7	HANGER	PL	90* 9	150	70.65	0.954	7	SM400A		
2	VSTF	PL	240* 19	2947	149.2	106	212	SM400A		
1	VSTF	PL	240* 19	2947	149.2	106	106	SM400A		

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6	HSTF	PL	160* 17	1090	133.4	23.3	140	SM400A		
1	LFLG	PL	1740* 36	8377	282.6	4120	4120	SM570		
2	LRIB	PL	200* 22	8357	172.7	289	578	SM570		
2	MIZUNUKI	FB	50* 6	524	2.360	1.24	2	SS400		
1	MIZUNUKI	FB	50* 6	520	2.360	1.23	1	SS400		
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70	
J29-J30 12086 kg										

APPROACH BRIDGE GIRDER G4 J30-J31										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	2731* 17	8145	133.4	2967	2967	SM570		
6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A		
6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A		
1	VSTF	PL	240* 19	2615	149.2	93.6	94	SM400A		
2	VSTF	PL	240* 19	2615	149.2	93.6	187	SM400A		
1	VSTF	PL	240* 19	2615	149.2	93.6	94	SM400A		
6	HSTF	PL	160* 17	1090	133.4	23.3	140	SM400A		
1	HSTF	PL	160* 17	212	133.4	4.52	5	SM400A		
1	RWEB	PL	3062* 17	8145	133.4	3327	3327	SM570		
7	HANGER	PL	90* 9	150	70.65	0.954	7	SM400A		
7	HANGER	PL	90* 9	150	70.65	0.954	7	SM400A		
1	VSTF	PL	240* 19	2947	149.2	106	106	SM400A		
2	VSTF	PL	240* 19	2947	149.2	106	212	SM400A		
1	VSTF	PL	240* 19	2947	149.2	106	106	SM400A		
6	HSTF	PL	160* 17	1090	133.4	23.3	140	SM400A		
1	HSTF	PL	160* 17	212	133.4	4.52	5	SM400A		
1	LFLG	PL	1740* 26	8136	204.1	2890	2890	SM570		
2	LRIB	PL	200* 22	8116	172.7	280	560	SM570		
2	MIZUNUKI	FB	50* 6	524	2.360	1.24	2	SS400		
1	MIZUNUKI	FB	50* 6	520	2.360	1.23	1	SS400		
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70	
J30-J31 10863 kg										

APPROACH BRIDGE GIRDER G4 J31-J32										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	2730* 15	8279	117.8	2662	2662	SM490YA		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
5	HANGER	PL	90* 9	150	70.65	0.954	5	SM400A		
1	VSTF	PL	240* 19	2615	149.2	93.6	94	SM400A		
2	VSTF	PL	240* 19	2615	149.2	93.6	187	SM400A		

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1	HSTF	PL	160* 17	217	133.4	4.63	5	SM400A		
2	HSTF	PL	160* 17	1098	133.4	23.4	47	SM400A		
2	HSTF	PL	160* 17	1106	133.4	23.6	47	SM400A		
2	HSTF	PL	160* 17	1094	133.4	23.3	47	SM400A		
1	HSTF	PL	160* 17	257	133.4	5.49	5	SM400A		
1	RWEB	PL	3075* 15	8335	117.8	3019	3019	SM490YA		
7	HANGER	PL	90* 9	150	70.65	0.954	7	SM400A		
7	HANGER	PL	90* 9	150	70.65	0.954	7	SM400A		
1	VSTF	PL	240* 19	2947	149.2	106	106	SM400A		
2	VSTF	PL	240* 19	2947	149.2	106	212	SM400A		
1	HSTF	PL	160* 17	217	133.4	4.63	5	SM400A		
1	HSTF	PL	160* 17	1104	133.4	23.6	24	SM400A		
1	HSTF	PL	160* 17	1103	133.4	23.5	24	SM400A		
2	HSTF	PL	160* 17	1117	133.4	23.8	48	SM400A		
2	HSTF	PL	160* 17	1104	133.4	23.6	47	SM400A		
1	HSTF	PL	160* 17	263	133.4	5.61	6	SM400A		
1	LFLG	PL	1766* 23	8306	180.6	2649	2649	SM490YB		
2	LRIB	PL	200* 22	8268	172.7	286	572	SM490YB		
2	MIZUNUKI	FB	50* 6	524	2.360	1.24	2	SS400		
1	MIZUNUKI	FB	50* 6	520	2.360	1.23	1	SS400		
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70	
J31-J32										
								9834 kg		

APPROACH BRIDGE GIRDER G4 J32-GE2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	LWEB	PL	2730* 15	7365	117.8	2369	2369	SM490YA		
4	HANGER	PL	90* 9	150	70.65	0.954	4	SM400A		
4	HANGER	PL	90* 9	150	70.65	0.954	4	SM400A		
2	VSTF	PL	240* 19	2615	149.2	93.6	187	SM400A		
1	VSTF	PL	240* 19	2615	149.2	93.6	94	SM400A		
1	HSTF	PL	160* 17	187	133.4	3.99	4	SM400A		
1	HSTF	PL	160* 17	1062	133.4	22.7	23	SM400A		
3	HSTF	PL	160* 17	1079	133.4	23.0	69	SM400A		
1	HSTF	PL	160* 17	1072	133.4	22.9	23	SM400A		
1	RWEB	PL	3063* 15	7343	117.8	2649	2649	SM490YA		
6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A		
6	HANGER	PL	90* 9	150	70.65	0.954	6	SM400A		
1	VSTF	PL	240* 19	2948	149.2	106	106	SM400A		
1	VSTF	PL	240* 19	2947	149.2	106	106	SM400A		
1	VSTF	PL	240* 19	2947	149.2	106	106	SM400A		
1	HSTF	PL	160* 17	1054	133.4	22.5	22	SM400A		
3	HSTF	PL	160* 17	1079	133.4	23.0	69	SM400A		

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1	HSTF	PL	160* 17	1072	133.4	22.9	23	SM400A		
1	LFLG	PL	1886* 12	7359	94.20	1216	1216	SM490YA	93	
1	LRIB	PL	170* 17	7324	133.4	166	166	SM490YB		
1	LRIB	PL	170* 17	5851	133.4	133	133	SM490YB		
1	LRIB	PL	170* 17	501	133.4	11.4	11	SM490YB		
1	SOLE	PL	1130* 41	970	321.8	335	335	SM490C	95	
2	MIZUNUKI	FB	50* 6	524	2.360	1.24	2	SS400		
1	MIZUNUKI	FB	50* 6	520	2.360	1.23	1	SS400		
1	MIZUNUKI	PL	75* 22	75	172.7	0.680	1	SM400A	70	
2	FLG	PL	100* 13	1723	102.0	17.6	35	SM400A		
2	WEB	PL	400* 13	1723	102.0	70.3	141	SM400A		
J32-GE2							7911 kg			
G4							338664 kg			
GIRDER							1294524 kg			
APPROACH BRIDGE							1294524 kg			

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APPROACH BRIDGE GIRDER SPLICE G1 J1											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	SPL	PL	80* 9	320	70.65	1.81	2	SM490YA		LF-UO	
3	SPL	PL	440* 9	320	70.65	9.95	30	SM490YA		LF-UI	
1	SPL	PL	80* 9	320	70.65	1.81	2	SM490YA		LF-UO	
1	SPL	PL	1730* 9	320	70.65	39.1	39	SM490YA		LF-L	
64		TCB	M 22* 75			0.538	34	S10T		LFLG	
4		HTB	M 22* 80			0.585	2	F10T		LFLG	
1	FILL	PL	1730* 8	160	62.80	17.4	17	SS400			
1	SPL	PL	2882* 9	620	70.65	126	126	SM490YA		LWEBO	
1	SPL	PL	2882* 9	620	70.65	126	126	SM490YA		LWEBI	
192		TCB	M 22* 70			0.523	100	S10T		LWEB	
32		HTB	M 22* 75			0.57	18	F10T		LWEB	
1	SPL	PL	2595* 9	620	70.65	114	114	SM490YA		RWEBI	
1	SPL	PL	2595* 9	620	70.65	114	114	SM490YA		RWEBO	
200		TCB	M 22* 70			0.523	105	S10T		RWEB	
4	SPL	PL	100* 17	630	133.4	8.40	34	SM490YB		LRIB	
16		TCB	M 22* 90			0.583	9	S10T		LRIB	
							J1				872 kg

APPROACH BRIDGE GIRDER SPLICE G1 J2											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	SPL	PL	80* 13	620	102.0	5.06	5	SM490YA		LF-UO	
3	SPL	PL	440* 13	620	102.0	27.8	83	SM490YA		LF-UI	
1	SPL	PL	80* 13	620	102.0	5.06	5	SM490YA		LF-UO	
1	SPL	PL	1730* 11	620	86.35	92.7	93	SM490YA		LF-L	
116		TCB	M 22* 90			0.583	68	S10T		LFLG	
8		HTB	M 22* 95			0.63	5	F10T		LFLG	
1	FILL	PL	1730* 9	310	70.65	37.9	38	SS400			
1	SPL	PL	2882* 9	770	70.65	157	157	SM490YA		LWEBO	
1	SPL	PL	2882* 9	770	70.65	157	157	SM490YA		LWEBI	
240		TCB	M 22* 70			0.523	126	S10T		LWEB	
40		HTB	M 22* 75			0.57	23	F10T		LWEB	
1	SPL	PL	2595* 9	770	70.65	141	141	SM490YA		RWEBI	
1	SPL	PL	2595* 9	770	70.65	141	141	SM490YA		RWEBO	
250		TCB	M 22* 70			0.523	131	S10T		RWEB	
4	SPL	PL	100* 17	930	133.4	12.4	50	SM490YB		LRIB	
24		TCB	M 22* 95			0.598	14	S10T		LRIB	
4	FILL	PL	100* 2.3	455	18.06	0.822	3	SS400			
							J2				1240 kg

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APPROACH BRIDGE GIRDER SPLICE G1 J3											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	SPL	PL	80* 19	920	149.2	11.0	11	SM490YB		LF-UO	
3	SPL	PL	440* 19	920	149.2	60.4	181	SM490YB		LF-UI	
1	SPL	PL	80* 19	920	149.2	11.0	11	SM490YB		LF-UO	
1	SPL	PL	1730* 16	920	125.6	200	200	SM490YA		LF-L	
180		TCB	M 22* 105			0.628	113	S10T		LFLG	
12		HTB	M 22* 110			0.674	8	F10T		LFLG	
1	FILL	PL	1730* 3.2	460	25.12	20.0	20	SS400			
1	SPL	PL	2882* 9	620	70.65	126	126	SM490YA		LWEBO	
1	SPL	PL	2882* 9	620	70.65	126	126	SM490YA		LWEBI	
192		TCB	M 22* 70			0.523	100	S10T		LWEB	
32		HTB	M 22* 75			0.57	18	F10T		LWEB	
1	SPL	PL	2595* 9	620	70.65	114	114	SM490YA		RWEBI	
1	SPL	PL	2595* 9	620	70.65	114	114	SM490YA		RWEBO	
200		TCB	M 22* 70			0.523	105	S10T		RWEB	
4	SPL	PL	120* 21	1090	164.8	21.6	86	SM490YB		LRIB	
32		TCB	M 22* 100			0.613	20	S10T		LRIB	
							J3				1353 kg

APPROACH BRIDGE GIRDER SPLICE G1 J4											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	SPL	PL	80* 21	920	164.8	12.1	12	SM490YB		LF-UO	
3	SPL	PL	440* 21	920	164.8	66.7	200	SM490YB		LF-UI	
1	SPL	PL	80* 21	920	164.8	12.1	12	SM490YB		LF-UO	
1	SPL	PL	1730* 17	920	133.4	212	212	SM490YB		LF-L	
180		TCB	M 22* 105			0.628	113	S10T		LFLG	
12		HTB	M 22* 110			0.674	8	F10T		LFLG	
1	SPL	PL	2882* 9	620	70.65	126	126	SM490YA		LWEBO	
1	SPL	PL	2882* 9	620	70.65	126	126	SM490YA		LWEBI	
192		TCB	M 22* 70			0.523	100	S10T		LWEB	
32		HTB	M 22* 75			0.57	18	F10T		LWEB	
1	SPL	PL	2595* 9	620	70.65	114	114	SM490YA		RWEBI	
1	SPL	PL	2595* 9	620	70.65	114	114	SM490YA		RWEBO	
200		TCB	M 22* 70			0.523	105	S10T		RWEB	
4	SPL	PL	120* 21	1090	164.8	21.6	86	SM490YB		LRIB	
32		TCB	M 22* 100			0.613	20	S10T		LRIB	
							J4				1366 kg

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APPROACH BRIDGE GIRDER SPLICE G1 J5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	SPL	PL	80* 19	920	149.2	11.0	11	SM490YB		LF-UO
3	SPL	PL	440* 19	920	149.2	60.4	181	SM490YB		LF-UI
1	SPL	PL	80* 19	920	149.2	11.0	11	SM490YB		LF-UO
1	SPL	PL	1730* 15	920	117.8	188	188	SM490YA		LF-L
180		TCB	M 22* 100			0.613	110	S10T		LFLG
12		HTB	M 22* 105			0.659	8	F10T		LFLG
1	FILL	PL	1730* 4.5	460	35.32	28.1	28	SS400		
1	SPL	PL	2882* 9	620	70.65	126	126	SM490YA		LWEBO
1	SPL	PL	2882* 9	620	70.65	126	126	SM490YA		LWEBI
192		TCB	M 22* 70			0.523	100	S10T		LWEB
32		HTB	M 22* 75			0.57	18	F10T		LWEB
1	SPL	PL	2595* 9	620	70.65	114	114	SM490YA		RWEBI
1	SPL	PL	2595* 9	620	70.65	114	114	SM490YA		RWEBO
200		TCB	M 22* 70			0.523	105	S10T		RWEB
4	SPL	PL	120* 21	1090	164.8	21.6	86	SM490YB		LRIB
32		TCB	M 22* 100			0.613	20	S10T		LRIB
							J5	1346 kg		

APPROACH BRIDGE GIRDER SPLICE G1 J6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	SPL	PL	80* 12	620	94.20	4.67	5	SM490YA		LF-UO
3	SPL	PL	440* 12	620	94.20	25.7	77	SM490YA		LF-UI
1	SPL	PL	80* 12	620	94.20	4.67	5	SM490YA		LF-UO
1	SPL	PL	1730* 10	620	78.50	84.2	84	SM490YA		LF-L
116		TCB	M 22* 85			0.568	66	S10T		LFLG
8		HTB	M 22* 90			0.615	5	F10T		LFLG
1	FILL	PL	1730* 9	310	70.65	37.9	38	SS400		
1	SPL	PL	2882* 9	770	70.65	157	157	SM490YA		LWEBO
1	SPL	PL	2882* 9	770	70.65	157	157	SM490YA		LWEBI
240		TCB	M 22* 70			0.523	126	S10T		LWEB
40		HTB	M 22* 75			0.57	23	F10T		LWEB
1	SPL	PL	2595* 9	770	70.65	141	141	SM490YA		RWEBI
1	SPL	PL	2595* 9	770	70.65	141	141	SM490YA		RWEBO
250		TCB	M 22* 70			0.523	131	S10T		RWEB
4	SPL	PL	100* 17	930	133.4	12.4	50	SM490YB		LRIB
24		TCB	M 22* 95			0.598	14	S10T		LRIB
4	FILL	PL	100* 2.3	455	18.06	0.822	3	SS400		
							J6	1223 kg		

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APPROACH BRIDGE GIRDER SPLICE G1 J7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	SPL	PL	80* 9	320	70.65	1.81	2	SM490YA		LF-UO
6	SPL	PL	190* 9	320	70.65	4.30	26	SM490YA		LF-UI
1	SPL	PL	80* 9	320	70.65	1.81	2	SM490YA		LF-UO
1	SPL	PL	1730* 9	320	70.65	39.1	39	SM490YA		LF-L
52		TCB	M 22* 70			0.523	27	S10T		LFLG
4		HTB	M 22* 75			0.57	2	F10T		LFLG
1	FILL	PL	1730* 6	160	47.10	13.0	13	SS400		
1	SPL	PL	2882* 9	620	70.65	126	126	SM490YA		LWEBO
1	SPL	PL	2882* 9	620	70.65	126	126	SM490YA		LWEBI
192		TCB	M 22* 70			0.523	100	S10T		LWEB
32		HTB	M 22* 75			0.57	18	F10T		LWEB
1	SPL	PL	2595* 9	620	70.65	114	114	SM490YA		RWEBI
1	SPL	PL	2595* 9	620	70.65	114	114	SM490YA		RWEBO
200		TCB	M 22* 70			0.523	105	S10T		RWEB
10	SPL	PL	100* 17	630	133.4	8.40	84	SM490YB		LRIB
40		TCB	M 22* 90			0.583	23	S10T		LRIB
J7							921 kg			

APPROACH BRIDGE GIRDER SPLICE G1 J8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	SPL	PL	80* 9	320	70.65	1.81	2	SM490YA		LF-UO
6	SPL	PL	190* 9	320	70.65	4.30	26	SM490YA		LF-UI
1	SPL	PL	80* 9	320	70.65	1.81	2	SM490YA		LF-UO
1	SPL	PL	1730* 9	320	70.65	39.1	39	SM490YA		LF-L
52		TCB	M 22* 65			0.508	26	S10T		LFLG
4		HTB	M 22* 70			0.555	2	F10T		LFLG
1	SPL	PL	2882* 9	620	70.65	126	126	SM490YA		LWEBO
1	SPL	PL	2882* 9	620	70.65	126	126	SM490YA		LWEBI
192		TCB	M 22* 75			0.538	103	S10T		LWEB
32		HTB	M 22* 80			0.585	19	F10T		LWEB
1	FILL	PL	2882* 2.3	310	18.06	16.1	16	SS400		
1	SPL	PL	2595* 9	620	70.65	114	114	SM490YA		RWEBI
1	SPL	PL	2595* 9	620	70.65	114	114	SM490YA		RWEBO
200		TCB	M 22* 75			0.538	108	S10T		RWEB
1	FILL	PL	2595* 2.3	310	18.06	14.5	14	SS400		
10	SPL	PL	100* 17	630	133.4	8.40	84	SM490YB		LRIB
40		TCB	M 22* 90			0.583	23	S10T		LRIB

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J8	944 kg
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APPROACH BRIDGE GIRDER SPLICE G1 J9											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	SPL	PL	80* 9	470	70.65	2.66	3	SM490YA		LF-UO	
6	SPL	PL	190* 9	470	70.65	6.31	38	SM490YA		LF-UI	
1	SPL	PL	80* 9	470	70.65	2.66	3	SM490YA		LF-UO	
1	SPL	PL	1730* 9	470	70.65	57.4	57	SM490YA		LF-L	
78		TCB	M 22* 70			0.523	41	S10T		LFLG	
6		HTB	M 22* 75			0.57	3	F10T		LFLG	
1	FILL	PL	1730* 4.5	235	35.32	14.4	14	SS400			
1	SPL	PL	2882* 10	770	78.50	174	174	SM490YA		LWEBO	
1	SPL	PL	2882* 10	770	78.50	174	174	SM490YA		LWEBI	
240		TCB	M 22* 75			0.538	129	S10T		LWEB	
40		HTB	M 22* 80			0.585	23	F10T		LWEB	
1	SPL	PL	2595* 10	770	78.50	157	157	SM490YA		RWEBI	
1	SPL	PL	2595* 10	770	78.50	157	157	SM490YA		RWEBO	
250		TCB	M 22* 75			0.538	134	S10T		RWEB	
10	SPL	PL	100* 15	930	117.8	11.0	110	SM490YA		LRIB	
60		TCB	M 22* 90			0.583	35	S10T		LRIB	
10	FILL	PL	100* 2.3	455	18.06	0.822	8	SS400			
							J9	1260 kg			

APPROACH BRIDGE GIRDER SPLICE G1 J10										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	SPL	PL	80* 9	470	70.65	2.66	3	SM490YA		LF-UO
6	SPL	PL	190* 9	470	70.65	6.31	38	SM490YA		LF-UI
1	SPL	PL	80* 9	470	70.65	2.66	3	SM490YA		LF-UO
1	SPL	PL	1730* 9	470	70.65	57.4	57	SM490YA		LF-L
78		TCB	M 22* 70			0.523	41	S10T		LFLG
6		HTB	M 22* 75			0.57	3	F10T		LFLG
1	FILL	PL	1730* 3.2	235	25.12	10.2	10	SS400		
1	SPL	PL	2882* 10	770	78.50	174	174	SM490YA		LWEBO
1	SPL	PL	2882* 10	770	78.50	174	174	SM490YA		LWEBI
240		TCB	M 22* 75			0.538	129	S10T		LWEB
40		HTB	M 22* 80			0.585	23	F10T		LWEB
1	SPL	PL	2595* 10	770	78.50	157	157	SM490YA		RWEBI
1	SPL	PL	2595* 10	770	78.50	157	157	SM490YA		RWEBO
250		TCB	M 22* 75			0.538	134	S10T		RWEB
10	SPL	PL	100* 15	930	117.8	11.0	110	SM490YA		LRIB
60		TCB	M 22* 90			0.583	35	S10T		LRIB

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10	FILL	PL	100* 2.3	455	18.06	0.822	8	SS400			
							J10	1256 kg			

APPROACH BRIDGE GIRDER SPLICE G1 J11											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	SPL	PL	80* 9	320	70.65	1.81	2	SM490YA		LF-UO	
6	SPL	PL	190* 9	320	70.65	4.30	26	SM490YA		LF-UI	
1	SPL	PL	80* 9	320	70.65	1.81	2	SM490YA		LF-UO	
1	SPL	PL	1730* 9	320	70.65	39.1	39	SM490YA		LF-L	
52		TCB	M 22* 70			0.523	27	S10T		LFLG	
4		HTB	M 22* 75			0.57	2	F10T		LFLG	
1	FILL	PL	1730* 2.3	160	18.06	5.00	5	SS400			
1	SPL	PL	2882* 9	620	70.65	126	126	SM490YA		LWEBO	
1	SPL	PL	2882* 9	620	70.65	126	126	SM490YA		LWEBI	
192		TCB	M 22* 75			0.538	103	S10T		LWEB	
32		HTB	M 22* 80			0.585	19	F10T		LWEB	
1	FILL	PL	2882* 2.3	310	18.06	16.1	16	SS400			
1	SPL	PL	2595* 9	620	70.65	114	114	SM490YA		RWEBI	
1	SPL	PL	2595* 9	620	70.65	114	114	SM490YA		RWEBO	
200		TCB	M 22* 75			0.538	108	S10T		RWEB	
1	FILL	PL	2595* 2.3	310	18.06	14.5	14	SS400			
10	SPL	PL	100* 15	630	117.8	7.42	74	SM490YA		LRIB	
40		TCB	M 22* 85			0.568	23	S10T		LRIB	
							J11	940 kg			

APPROACH BRIDGE GIRDER SPLICE G1 J12										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	SPL	PL	80* 9	320	70.65	1.81	2	SM490YA		LF-UO
6	SPL	PL	190* 9	320	70.65	4.30	26	SM490YA		LF-UI
1	SPL	PL	80* 9	320	70.65	1.81	2	SM490YA		LF-UO
1	SPL	PL	1730* 9	320	70.65	39.1	39	SM490YA		LF-L
52		TCB	M 22* 65			0.508	26	S10T		LFLG
4		HTB	M 22* 70			0.555	2	F10T		LFLG
1	SPL	PL	2882* 9	620	70.65	126	126	SM490YA		LWEBO
1	SPL	PL	2882* 9	620	70.65	126	126	SM490YA		LWEBI
192		TCB	M 22* 70			0.523	100	S10T		LWEB
32		HTB	M 22* 75			0.57	18	F10T		LWEB
1	SPL	PL	2595* 9	620	70.65	114	114	SM490YA		RWEBI
1	SPL	PL	2595* 9	620	70.65	114	114	SM490YA		RWEBO
200		TCB	M 22* 70			0.523	105	S10T		RWEB

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10	SPL	PL	100* 17	630	133.4	8.40	84	SM490YB		LRIB	
40		TCB	M 22* 90			0.583	23	S10T		LRIB	
J12							907 kg				

APPROACH BRIDGE GIRDER SPLICE G1 J13											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	SPL	PL	80* 9	320	70.65	1.81	2	SM490YA		LF-UO	
6	SPL	PL	190* 9	320	70.65	4.30	26	SM490YA		LF-UI	
1	SPL	PL	80* 9	320	70.65	1.81	2	SM490YA		LF-UO	
1	SPL	PL	1730* 9	320	70.65	39.1	39	SM490YA		LF-L	
52		TCB	M 22* 65			0.508	26	S10T		LFLG	
4		HTB	M 22* 70			0.555	2	F10T		LFLG	
1	SPL	PL	2882* 9	620	70.65	126	126	SM490YA		LWEBO	
1	SPL	PL	2882* 9	620	70.65	126	126	SM490YA		LWEBI	
192		TCB	M 22* 70			0.523	100	S10T		LWEB	
32		HTB	M 22* 75			0.57	18	F10T		LWEB	
1	SPL	PL	2595* 9	620	70.65	114	114	SM490YA		RWEBI	
1	SPL	PL	2595* 9	620	70.65	114	114	SM490YA		RWEBO	
200		TCB	M 22* 70			0.523	105	S10T		RWEB	
10	SPL	PL	100* 17	630	133.4	8.40	84	SM490YB		LRIB	
40		TCB	M 22* 90			0.583	23	S10T		LRIB	
J13							907 kg				

APPROACH BRIDGE GIRDER SPLICE G1 J14										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	SPL	PL	80* 9	320	70.65	1.81	2	SM490YA		LF-UO
6	SPL	PL	190* 9	320	70.65	4.30	26	SM490YA		LF-UI
1	SPL	PL	80* 9	320	70.65	1.81	2	SM490YA		LF-UO
1	SPL	PL	1730* 9	320	70.65	39.1	39	SM490YA		LF-L
52		TCB	M 22* 65			0.508	26	S10T		LFLG
4		HTB	M 22* 70			0.555	2	F10T		LFLG
1	SPL	PL	2882* 9	620	70.65	126	126	SM490YA		LWEBO
1	SPL	PL	2882* 9	620	70.65	126	126	SM490YA		LWEBI
192		TCB	M 22* 70			0.523	100	S10T		LWEB
32		HTB	M 22* 75			0.57	18	F10T		LWEB
1	SPL	PL	2595* 9	620	70.65	114	114	SM490YA		RWEBI
1	SPL	PL	2595* 9	620	70.65	114	114	SM490YA		RWEBO
200		TCB	M 22* 70			0.523	105	S10T		RWEB
10	SPL	PL	100* 17	630	133.4	8.40	84	SM490YB		LRIB
40		TCB	M 22* 90			0.583	23	S10T		LRIB

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J14	907 kg
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APPROACH BRIDGE GIRDER SPLICE G1 J15											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	SPL	PL	80* 9	320	70.65	1.81	2	SM490YA		LF-UO	
6	SPL	PL	190* 9	320	70.65	4.30	26	SM490YA		LF-UI	
1	SPL	PL	80* 9	320	70.65	1.81	2	SM490YA		LF-UO	
1	SPL	PL	1730* 9	320	70.65	39.1	39	SM490YA		LF-L	
52		TCB	M 22* 65			0.508	26	S10T		LFLG	
4		HTB	M 22* 70			0.555	2	F10T		LFLG	
1	SPL	PL	2882* 9	620	70.65	126	126	SM490YA		LWEBO	
1	SPL	PL	2882* 9	620	70.65	126	126	SM490YA		LWEBI	
192		TCB	M 22* 70			0.523	100	S10T		LWEB	
32		HTB	M 22* 75			0.57	18	F10T		LWEB	
1	SPL	PL	2595* 9	620	70.65	114	114	SM490YA		RWEBI	
1	SPL	PL	2595* 9	620	70.65	114	114	SM490YA		RWEBO	
200		TCB	M 22* 70			0.523	105	S10T		RWEB	
10	SPL	PL	100* 17	630	133.4	8.40	84	SM490YB		LRIB	
40		TCB	M 22* 90			0.583	23	S10T		LRIB	
							J15	907 kg			

APPROACH BRIDGE GIRDER SPLICE G1 J16										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	SPL	PL	80* 9	320	70.65	1.81	2	SM490YA		LF-UO
6	SPL	PL	190* 9	320	70.65	4.30	26	SM490YA		LF-UI
1	SPL	PL	80* 9	320	70.65	1.81	2	SM490YA		LF-UO
1	SPL	PL	1730* 9	320	70.65	39.1	39	SM490YA		LF-L
52		TCB	M 22* 70			0.523	27	S10T		LFLG
4		HTB	M 22* 75			0.57	2	F10T		LFLG
1	FILL	PL	1730* 2.3	160	18.06	5.00	5	SS400		
1	SPL	PL	2882* 9	620	70.65	126	126	SM490YA		LWEBO
1	SPL	PL	2882* 9	620	70.65	126	126	SM490YA		LWEBI
192		TCB	M 22* 70			0.523	100	S10T		LWEB
32		HTB	M 22* 75			0.57	18	F10T		LWEB
1	SPL	PL	2595* 9	620	70.65	114	114	SM490YA		RWEBI
1	SPL	PL	2595* 9	620	70.65	114	114	SM490YA		RWEBO
200		TCB	M 22* 70			0.523	105	S10T		RWEB
10	SPL	PL	100* 17	630	133.4	8.40	84	SM490YB		LRIB
40		TCB	M 22* 90			0.583	23	S10T		LRIB

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J16	913 kg
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APPROACH BRIDGE GIRDER SPLICE G1 J17										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	SPL	PL	80* 9	470	70.65	2.66	3	SM490YA		LF-UO
6	SPL	PL	190* 9	470	70.65	6.31	38	SM490YA		LF-UI
1	SPL	PL	80* 9	470	70.65	2.66	3	SM490YA		LF-UO
1	SPL	PL	1730* 9	470	70.65	57.4	57	SM490YA		LF-L
78		TCB	M 22* 75			0.538	42	S10T		LFLG
6		HTB	M 22* 80			0.585	4	F10T		LFLG
1	FILL	PL	1730* 9	235	70.65	28.7	29	SS400		
1	SPL	PL	2882* 9	620	70.65	126	126	SM490YA		LWEBO
1	SPL	PL	2882* 9	620	70.65	126	126	SM490YA		LWEBI
192		TCB	M 22* 70			0.523	100	S10T		LWEB
32		HTB	M 22* 75			0.57	18	F10T		LWEB
1	SPL	PL	2595* 9	620	70.65	114	114	SM490YA		RWEBI
1	SPL	PL	2595* 9	620	70.65	114	114	SM490YA		RWEBO
200		TCB	M 22* 70			0.523	105	S10T		RWEB
10	SPL	PL	100* 15	780	117.8	9.19	92	SM490YA		LRIB
50		TCB	M 22* 90			0.583	29	S10T		LRIB
10	FILL	PL	100* 2.3	380	18.06	0.686	7	SS400		
J17							1007 kg			

APPROACH BRIDGE GIRDER SPLICE G1 J18										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	SPL	PL	80* 15	770	117.8	7.26	7	SM490YA		LF-UO
6	SPL	PL	190* 15	770	117.8	17.2	103	SM490YA		LF-UI
1	SPL	PL	80* 15	770	117.8	7.26	7	SM490YA		LF-UO
1	SPL	PL	1730* 11	770	86.35	115	115	SM490YA		LF-L
130		TCB	M 22* 105			0.628	82	S10T		LFLG
10		HTB	M 22* 110			0.674	7	F10T		LFLG
1	FILL	PL	1730* 20	385	157.0	105	105	SS400		
1	SPL	PL	2882* 9	770	70.65	157	157	SM490YA		LWEBO
1	SPL	PL	2882* 9	770	70.65	157	157	SM490YA		LWEBI
240		TCB	M 22* 75			0.538	129	S10T		LWEB
40		HTB	M 22* 80			0.585	23	F10T		LWEB
1	FILL	PL	2882* 2.3	385	18.06	20.0	20	SS400		
1	SPL	PL	2595* 9	770	70.65	141	141	SM490YA		RWEBI
1	SPL	PL	2595* 9	770	70.65	141	141	SM490YA		RWEBO
250		TCB	M 22* 75			0.538	134	S10T		RWEB
1	FILL	PL	2595* 2.3	385	18.06	18.0	18	SS400		

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10	SPL	PL	120* 19	1060	149.2	19.0	190	SM490YB		LRIB	
90		TCB	M 22* 95			0.598	54	S10T		LRIB	
J18							1590 kg				

APPROACH BRIDGE GIRDER SPLICE G1 J19											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	SPL	PL	80* 28	1490	219.8	26.2	26	SM490YB		LF-UO	
6	SPL	PL	190* 28	1490	219.8	62.2	373	SM490YB		LF-UI	
1	SPL	PL	80* 28	1490	219.8	26.2	26	SM490YB		LF-UO	
1	SPL	PL	1730* 21	1490	164.8	425	425	SM490YB		LF-L	
286		TCB	M 22* 140			0.733	210	S10T		LFLG	
22		HTB	M 22* 145			0.779	17	F10T		LFLG	
1	FILL	PL	1730* 11	745	86.35	111	111	SS400			
1	SPL	PL	2882* 11	770	86.35	192	192	SM490YA		LWEBO	
1	SPL	PL	2882* 11	770	86.35	192	192	SM490YA		LWEBI	
240		TCB	M 22* 75			0.538	129	S10T		LWEB	
40		HTB	M 22* 80			0.585	23	F10T		LWEB	
1	SPL	PL	2595* 11	770	86.35	173	173	SM490YA		RWEBI	
1	SPL	PL	2595* 11	770	86.35	173	173	SM490YA		RWEBO	
250		TCB	M 22* 75			0.538	134	S10T		RWEB	
10	SPL	PL	120* 19	1060	149.2	19.0	190	SM490YB		LRIB	
90		TCB	M 22* 95			0.598	54	S10T		LRIB	
J19							2448 kg				

APPROACH BRIDGE GIRDER SPLICE G1 J20										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	SPL	PL	80* 26	1358	204.1	22.2	22	SM490YB		LF-UO
6	SPL	PL	190* 26	1358	204.1	52.7	316	SM490YB		LF-UI
1	SPL	PL	80* 26	1358	204.1	22.2	22	SM490YB		LF-UO
1	SPL	PL	1730* 20	1358	157.0	369	369	SM490YB		LF-L
260		TCB	M 22* 135			0.718	187	S10T		LFLG
20		HTB	M 22* 140			0.764	15	F10T		LFLG
1	FILL	PL	1730* 14	679	109.9	129	129	SS400		
1	SPL	PL	2882* 11	770	86.35	192	192	SM490YA		LWEBO
1	SPL	PL	2882* 11	770	86.35	192	192	SM490YA		LWEBI
240		TCB	M 22* 75			0.538	129	S10T		LWEB
40		HTB	M 22* 80			0.585	23	F10T		LWEB
1	SPL	PL	2595* 11	770	86.35	173	173	SM490YA		RWEBI
1	SPL	PL	2595* 11	770	86.35	173	173	SM490YA		RWEBO
250		TCB	M 22* 75			0.538	134	S10T		RWEB

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10	SPL	PL	120* 19	1060	149.2	19.0	190	SM490YB		LRIB
90		TCB	M 22* 95			0.598	54	S10T		LRIB
J20										
2320 kg										

APPROACH BRIDGE GIRDER SPLICE G1 J21										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	SPL	PL	80* 13	620	102.0	5.06	5	SM490YA		LF-UO
6	SPL	PL	190* 13	620	102.0	12.0	72	SM490YA		LF-UI
1	SPL	PL	80* 13	620	102.0	5.06	5	SM490YA		LF-UO
1	SPL	PL	1730* 10	620	78.50	84.2	84	SM490YA		LF-L
104		TCB	M 22* 100			0.613	64	S10T		LFLG
8		HTB	M 22* 105			0.659	5	F10T		LFLG
1	FILL	PL	1730* 19	310	149.2	80.0	80	SS400		
1	SPL	PL	2882* 9	620	70.65	126	126	SM490YA		LWEBO
1	SPL	PL	2882* 9	620	70.65	126	126	SM490YA		LWEBI
192		TCB	M 22* 75			0.538	103	S10T		LWEB
32		HTB	M 22* 80			0.585	19	F10T		LWEB
1	FILL	PL	2882* 2.3	310	18.06	16.1	16	SS400		
1	SPL	PL	2595* 9	620	70.65	114	114	SM490YA		RWEBI
1	SPL	PL	2595* 9	620	70.65	114	114	SM490YA		RWEBO
200		TCB	M 22* 75			0.538	108	S10T		RWEB
1	FILL	PL	2595* 2.3	310	18.06	14.5	14	SS400		
10	SPL	PL	120* 19	960	149.2	17.2	172	SM490YB		LRIB
70		TCB	M 22* 95			0.598	42	S10T		LRIB
J21										
1269 kg										

APPROACH BRIDGE GIRDER SPLICE G1 J22										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	SPL	PL	80* 11	470	86.35	3.25	3	SM490YA		LF-UO
6	SPL	PL	190* 11	470	86.35	7.71	46	SM490YA		LF-UI
1	SPL	PL	80* 11	470	86.35	3.25	3	SM490YA		LF-UO
1	SPL	PL	1730* 9	470	70.65	57.4	57	SM490YA		LF-L
78		TCB	M 22* 75			0.538	42	S10T		LFLG
6		HTB	M 22* 80			0.585	4	F10T		LFLG
1	FILL	PL	1730* 4.5	235	35.32	14.4	14	SS400		
1	SPL	PL	2882* 9	620	70.65	126	126	SM490YA		LWEBO
1	SPL	PL	2882* 9	620	70.65	126	126	SM490YA		LWEBI
192		TCB	M 22* 70			0.523	100	S10T		LWEB
32		HTB	M 22* 75			0.57	18	F10T		LWEB
1	SPL	PL	2595* 9	620	70.65	114	114	SM490YA		RWEBI

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1	SPL	PL	2595* 9	620	70.65	114	114	SM490YA		RWEBO
200		TCB	M 22* 70			0.523	105	S10T		RWEB
10	SPL	PL	100* 17	780	133.4	10.4	104	SM490YB		LRIB
50		TCB	M 22* 95			0.598	30	S10T		LRIB
10	FILL	PL	100* 2.3	380	18.06	0.686	7	SS400		
J22										1013 kg

APPROACH BRIDGE GIRDER SPLICE G1 J23										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	SPL	PL	80* 10	470	78.50	2.95	3	SM490YA		LF-UO
3	SPL	PL	440* 10	470	78.50	16.2	49	SM490YA		LF-UI
1	SPL	PL	80* 10	470	78.50	2.95	3	SM490YA		LF-UO
1	SPL	PL	1730* 9	470	70.65	57.4	57	SM490YA		LF-L
96		TCB	M 22* 85			0.568	55	S10T		LFLG
6		HTB	M 22* 90			0.615	4	F10T		LFLG
1	FILL	PL	1730* 14	235	109.9	44.7	45	SS400		
1	SPL	PL	2882* 9	620	70.65	126	126	SM490YA		LWEBO
1	SPL	PL	2882* 9	620	70.65	126	126	SM490YA		LWEBI
192		TCB	M 22* 70			0.523	100	S10T		LWEB
32		HTB	M 22* 75			0.57	18	F10T		LWEB
1	SPL	PL	2595* 9	620	70.65	114	114	SM490YA		RWEBI
1	SPL	PL	2595* 9	620	70.65	114	114	SM490YA		RWEBO
200		TCB	M 22* 70			0.523	105	S10T		RWEB
4	SPL	PL	100* 17	780	133.4	10.4	42	SM490YB		LRIB
20		TCB	M 22* 95			0.598	12	S10T		LRIB
4	FILL	PL	100* 2.3	380	18.06	0.686	3	SS400		
J23										976 kg

APPROACH BRIDGE GIRDER SPLICE G1 J24										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	SPL	PL	80* 21	920	164.8	12.1	12	SM490YB		LF-UO
3	SPL	PL	440* 21	920	164.8	66.7	200	SM490YB		LF-UI
1	SPL	PL	80* 21	920	164.8	12.1	12	SM490YB		LF-UO
1	SPL	PL	1730* 17	920	133.4	212	212	SM490YB		LF-L
180		TCB	M 22* 110			0.643	116	S10T		LFLG
12		HTB	M 22* 115			0.689	8	F10T		LFLG
1	FILL	PL	1730* 3.2	460	25.12	20.0	20	SS400		
1	SPL	PL	2882* 9	770	70.65	157	157	SM490YA		LWEBO
1	SPL	PL	2882* 9	770	70.65	157	157	SM490YA		LWEBI
240		TCB	M 22* 75			0.538	129	S10T		LWEB

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40		HTB	M 22* 80			0.585	23	F10T		LWEB
1	FILL	PL	2882* 2.3	385	18.06	20.0	20	SS400		
1	SPL	PL	2595* 9	770	70.65	141	141	SM490YA		RWEBI
1	SPL	PL	2595* 9	770	70.65	141	141	SM490YA		RWEBO
250		TCB	M 22* 75			0.538	134	S10T		RWEB
1	FILL	PL	2595* 2.3	385	18.06	18.0	18	SS400		
4	SPL	PL	120* 21	1090	164.8	21.6	86	SM490YB		LRIB
32		TCB	M 22* 100			0.613	20	S10T		LRIB
J24										
1606 kg										

APPROACH BRIDGE GIRDER SPLICE G1 J25										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	SPL	PL	80* 22	1094	172.7	15.1	15	SM570		LF-UO
3	SPL	PL	440* 22	1094	172.7	83.1	249	SM570		LF-UI
1	SPL	PL	80* 22	1094	172.7	15.1	15	SM570		LF-UO
1	SPL	PL	1730* 18	1094	141.3	267	267	SM570		LF-L
244		TCB	M 22* 120			0.673	164	S10T		LFLG
16		HTB	M 22* 125			0.719	12	F10T		LFLG
1	FILL	PL	1730* 9	547	70.65	66.9	67	SS400		
1	SPL	PL	2882* 10	920	78.50	208	208	SM570		LWEBO
1	SPL	PL	2882* 10	920	78.50	208	208	SM570		LWEBI
288		TCB	M 22* 75			0.538	155	S10T		LWEB
48		HTB	M 22* 80			0.585	28	F10T		LWEB
1	SPL	PL	2595* 10	920	78.50	187	187	SM570		RWEBI
1	SPL	PL	2595* 10	920	78.50	187	187	SM570		RWEBO
300		TCB	M 22* 75			0.538	161	S10T		RWEB
4	SPL	PL	120* 22	1170	172.7	24.2	97	SM570		LRIB
40		TCB	M 22* 105			0.628	25	S10T		LRIB
J25										
2045 kg										

APPROACH BRIDGE GIRDER SPLICE G1 J26										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	SPL	PL	80* 28	1358	219.8	23.9	24	SM570		LF-UO
3	SPL	PL	440* 28	1358	219.8	131	393	SM570		LF-UI
1	SPL	PL	80* 28	1358	219.8	23.9	24	SM570		LF-UO
1	SPL	PL	1730* 23	1358	180.6	424	424	SM570		LF-L
308		TCB	M 22* 135			0.718	221	S10T		LFLG
20		HTB	M 22* 140			0.764	15	F10T		LFLG
1	FILL	PL	1730* 3.2	679	25.12	29.5	30	SS400		
1	SPL	PL	2883* 11	920	86.35	229	229	SM570		LWEBO

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1	SPL	PL	2883* 11	920	86.35	229	229	SM570		LWEBI
288		TCB	M 22* 75			0.538	155	S10T		LWEB
48		HTB	M 22* 80			0.585	28	F10T		LWEB
1	SPL	PL	2595* 11	920	86.35	206	206	SM570		RWEBI
1	SPL	PL	2595* 11	920	86.35	206	206	SM570		RWEBO
300		TCB	M 22* 75			0.538	161	S10T		RWEB
4	SPL	PL	120* 22	1170	172.7	24.2	97	SM570		LRIB
40		TCB	M 22* 105			0.628	25	S10T		LRIB
J26							2467 kg			

APPROACH BRIDGE GIRDER SPLICE G1 J27										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	SPL	PL	80* 30	1490	235.5	28.1	28	SM570		LF-UO
3	SPL	PL	440* 30	1490	235.5	154	462	SM570		LF-UI
1	SPL	PL	80* 30	1490	235.5	28.1	28	SM570		LF-UO
1	SPL	PL	1730* 24	1490	188.4	486	486	SM570		LF-L
340		TCB	M 22* 135			0.718	244	S10T		LFLG
22		HTB	M 22* 140			0.764	17	F10T		LFLG
1	SPL	PL	2882* 11	920	86.35	229	229	SM570		LWEBO
1	SPL	PL	2882* 11	920	86.35	229	229	SM570		LWEBI
288		TCB	M 22* 75			0.538	155	S10T		LWEB
48		HTB	M 22* 80			0.585	28	F10T		LWEB
1	SPL	PL	2595* 11	920	86.35	206	206	SM570		RWEBI
1	SPL	PL	2595* 11	920	86.35	206	206	SM570		RWEBO
300		TCB	M 22* 75			0.538	161	S10T		RWEB
4	SPL	PL	120* 22	1170	172.7	24.2	97	SM570		LRIB
40		TCB	M 22* 105			0.628	25	S10T		LRIB
J27							2601 kg			

APPROACH BRIDGE GIRDER SPLICE G1 J28										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	SPL	PL	80* 30	1358	235.5	25.6	26	SM570		LF-UO
3	SPL	PL	440* 30	1358	235.5	141	423	SM570		LF-UI
1	SPL	PL	80* 30	1358	235.5	25.6	26	SM570		LF-UO
1	SPL	PL	1730* 24	1358	188.4	443	443	SM570		LF-L
308		TCB	M 22* 135			0.718	221	S10T		LFLG
20		HTB	M 22* 140			0.764	15	F10T		LFLG
1	SPL	PL	2882* 11	920	86.35	229	229	SM570		LWEBO
1	SPL	PL	2882* 11	920	86.35	229	229	SM570		LWEBI
288		TCB	M 22* 75			0.538	155	S10T		LWEB

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48		HTB	M 22* 80			0.585	28	F10T		LWEB
1	SPL	PL	2595* 11	920	86.35	206	206	SM570		RWEBI
1	SPL	PL	2595* 11	920	86.35	206	206	SM570		RWEBO
300		TCB	M 22* 75			0.538	161	S10T		RWEB
4	SPL	PL	120* 22	1170	172.7	24.2	97	SM570		LRIB
40		TCB	M 22* 105			0.628	25	S10T		LRIB
J28										
2490 kg										

APPROACH BRIDGE GIRDER SPLICE G1 J29										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	SPL	PL	80* 26	1226	204.1	20.0	20	SM570		LF-UO
3	SPL	PL	440* 26	1226	204.1	110	330	SM570		LF-UI
1	SPL	PL	80* 26	1226	204.1	20.0	20	SM570		LF-UO
1	SPL	PL	1730* 21	1226	164.8	350	350	SM570		LF-L
276		TCB	M 22* 130			0.703	194	S10T		LFLG
18		HTB	M 22* 135			0.749	13	F10T		LFLG
1	FILL	PL	1730* 6	613	47.10	49.9	50	SS400		
1	SPL	PL	2882* 10	920	78.50	208	208	SM570		LWEBO
1	SPL	PL	2882* 10	920	78.50	208	208	SM570		LWEBI
288		TCB	M 22* 75			0.538	155	S10T		LWEB
48		HTB	M 22* 80			0.585	28	F10T		LWEB
1	SPL	PL	2595* 10	920	78.50	187	187	SM570		RWEBI
1	SPL	PL	2595* 10	920	78.50	187	187	SM570		RWEBO
300		TCB	M 22* 75			0.538	161	S10T		RWEB
4	SPL	PL	120* 22	1170	172.7	24.2	97	SM570		LRIB
40		TCB	M 22* 105			0.628	25	S10T		LRIB
J29										
2233 kg										

APPROACH BRIDGE GIRDER SPLICE G1 J30										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	SPL	PL	80* 19	962	149.2	11.5	12	SM570		LF-UO
3	SPL	PL	440* 19	962	149.2	63.2	190	SM570		LF-UI
1	SPL	PL	80* 19	962	149.2	11.5	12	SM570		LF-UO
1	SPL	PL	1730* 16	962	125.6	209	209	SM570		LF-L
212		TCB	M 22* 110			0.643	136	S10T		LFLG
14		HTB	M 22* 115			0.689	10	F10T		LFLG
1	FILL	PL	1730* 11	481	86.35	71.9	72	SS400		
1	SPL	PL	2882* 10	920	78.50	208	208	SM570		LWEBO
1	SPL	PL	2882* 10	920	78.50	208	208	SM570		LWEBI
288		TCB	M 22* 75			0.538	155	S10T		LWEB

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48		HTB	M 22* 80			0.585	28	F10T		LWEB
1	SPL	PL	2595* 10	920	78.50	187	187	SM570		RWEBI
1	SPL	PL	2595* 10	920	78.50	187	187	SM570		RWEBO
300		TCB	M 22* 75			0.538	161	S10T		RWEB
4	SPL	PL	120* 22	1170	172.7	24.2	97	SM570		LRIB
40		TCB	M 22* 105			0.628	25	S10T		LRIB
J30										
1897 kg										

APPROACH BRIDGE GIRDER SPLICE G1 J31										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	SPL	PL	80* 17	770	133.4	8.22	8	SM490YB		LF-UO
3	SPL	PL	440* 17	770	133.4	45.2	136	SM490YB		LF-UI
1	SPL	PL	80* 17	770	133.4	8.22	8	SM490YB		LF-UO
1	SPL	PL	1730* 14	770	109.9	146	146	SM490YA		LF-L
148		TCB	M 22* 95			0.598	89	S10T		LFLG
10		HTB	M 22* 100			0.645	6	F10T		LFLG
1	FILL	PL	1730* 3.2	385	25.12	16.7	17	SS400		
1	SPL	PL	2882* 9	620	70.65	126	126	SM490YA		LWEBO
1	SPL	PL	2882* 9	620	70.65	126	126	SM490YA		LWEBI
192		TCB	M 22* 75			0.538	103	S10T		LWEB
32		HTB	M 22* 80			0.585	19	F10T		LWEB
1	FILL	PL	2882* 2.3	310	18.06	16.1	16	SS400		
1	SPL	PL	2595* 9	620	70.65	114	114	SM490YA		RWEBI
1	SPL	PL	2595* 9	620	70.65	114	114	SM490YA		RWEBO
200		TCB	M 22* 75			0.538	108	S10T		RWEB
1	FILL	PL	2595* 2.3	310	18.06	14.5	14	SS400		
4	SPL	PL	120* 21	1090	164.8	21.6	86	SM490YB		LRIB
32		TCB	M 22* 100			0.613	20	S10T		LRIB
J31										
1256 kg										

APPROACH BRIDGE GIRDER SPLICE G1 J32										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	SPL	PL	80* 9	320	70.65	1.81	2	SM490YA		LF-UO
3	SPL	PL	440* 9	320	70.65	9.95	30	SM490YA		LF-UI
1	SPL	PL	80* 9	320	70.65	1.81	2	SM490YA		LF-UO
1	SPL	PL	1730* 9	320	70.65	39.1	39	SM490YA		LF-L
64		TCB	M 22* 80			0.553	35	S10T		LFLG
4		HTB	M 22* 85			0.6	2	F10T		LFLG
1	FILL	PL	1730* 12	160	94.20	26.1	26	SS400		
1	SPL	PL	2882* 9	620	70.65	126	126	SM490YA		LWEBO

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1	SPL	PL	2882* 9	620	70.65	126	126	SM490YA		LWEBI	
192		TCB	M 22* 70			0.523	100	S10T		LWEB	
32		HTB	M 22* 75			0.57	18	F10T		LWEB	
1	SPL	PL	2595* 9	620	70.65	114	114	SM490YA		RWEBI	
1	SPL	PL	2595* 9	620	70.65	114	114	SM490YA		RWEBO	
200		TCB	M 22* 70			0.523	105	S10T		RWEB	
4	SPL	PL	100* 17	780	133.4	10.4	42	SM490YB		LRIB	
20		TCB	M 22* 95			0.598	12	S10T		LRIB	
4	FILL	PL	100* 2.3	380	18.06	0.686	3	SS400			
J32							896 kg				
G1							45376 kg				

APPROACH BRIDGE GIRDER SPLICE G2 J1											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	SPL	PL	80* 9	320	70.65	1.81	2	SM490YA		LF-UO	
4	SPL	PL	614* 9	320	70.65	13.9	56	SM490YA		LF-UI	
1	SPL	PL	80* 9	320	70.65	1.81	2	SM490YA		LF-UO	
1	SPL	PL	2930* 9	320	70.65	66.2	66	SM490YA		LF-L	
120		TCB	M 22* 65			0.508	61	S10T		LFLG	
1	SPL	PL	2543* 9	470	70.65	84.4	84	SM490YA		LWEBO	
1	SPL	PL	2543* 9	470	70.65	84.4	84	SM490YA		LWEBI	
150		TCB	M 22* 70			0.523	78	S10T		LWEB	
1	SPL	PL	2597* 9	470	70.65	86.3	86	SM490YA		RWEBI	
1	SPL	PL	2597* 9	470	70.65	86.3	86	SM490YA		RWEBO	
150		TCB	M 22* 70			0.523	78	S10T		RWEB	
6	SPL	PL	100* 17	630	133.4	8.40	50	SM490YB		LRIB	
24		TCB	M 22* 90			0.583	14	S10T		LRIB	
J1							747 kg				

APPROACH BRIDGE GIRDER SPLICE G2 J2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	SPL	PL	80* 9	470	70.65	2.66	3	SM490YA		LF-UO
4	SPL	PL	614* 9	470	70.65	20.4	82	SM490YA		LF-UI
1	SPL	PL	80* 9	470	70.65	2.66	3	SM490YA		LF-UO
1	SPL	PL	2930* 9	470	70.65	97.3	97	SM490YA		LF-L
156		TCB	M 22* 70			0.523	82	S10T		LFLG
1	FILL	PL	2930* 6	235	47.10	32.4	32	SS400		
1	SPL	PL	2543* 9	620	70.65	111	111	SM490YA		LWEBO
1	SPL	PL	2543* 9	620	70.65	111	111	SM490YA		LWEBI

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200		TCB	M 22* 70			0.523	105	S10T		LWEB
1	SPL	PL	2597* 9	620	70.65	114	114	SM490YA		RWEBI
1	SPL	PL	2597* 9	620	70.65	114	114	SM490YA		RWEBO
200		TCB	M 22* 70			0.523	105	S10T		RWEB
6	SPL	PL	100* 17	780	133.4	10.4	62	SM490YB		LRIB
30		TCB	M 22* 90			0.583	17	S10T		LRIB
J2										
1038 kg										

APPROACH BRIDGE GIRDER SPLICE G2 J3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	SPL	PL	80* 11	620	86.35	4.28	4	SM490YA		LF-UO
4	SPL	PL	614* 11	620	86.35	32.9	132	SM490YA		LF-UI
1	SPL	PL	80* 11	620	86.35	4.28	4	SM490YA		LF-UO
1	SPL	PL	2930* 10	620	78.50	143	143	SM490YA		LF-L
216		TCB	M 22* 75			0.538	116	S10T		LFLG
1	SPL	PL	2543* 9	620	70.65	111	111	SM490YA		LWEBO
1	SPL	PL	2543* 9	620	70.65	111	111	SM490YA		LWEBI
200		TCB	M 22* 70			0.523	105	S10T		LWEB
1	SPL	PL	2597* 9	620	70.65	114	114	SM490YA		RWEBI
1	SPL	PL	2597* 9	620	70.65	114	114	SM490YA		RWEBO
200		TCB	M 22* 70			0.523	105	S10T		RWEB
6	SPL	PL	100* 17	780	133.4	10.4	62	SM490YB		LRIB
30		TCB	M 22* 90			0.583	17	S10T		LRIB
J3										
1138 kg										

APPROACH BRIDGE GIRDER SPLICE G2 J4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	SPL	PL	80* 11	620	86.35	4.28	4	SM490YA		LF-UO
4	SPL	PL	614* 11	620	86.35	32.9	132	SM490YA		LF-UI
1	SPL	PL	80* 11	620	86.35	4.28	4	SM490YA		LF-UO
1	SPL	PL	2930* 10	620	78.50	143	143	SM490YA		LF-L
216		TCB	M 22* 75			0.538	116	S10T		LFLG
1	SPL	PL	2543* 9	620	70.65	111	111	SM490YA		LWEBO
1	SPL	PL	2543* 9	620	70.65	111	111	SM490YA		LWEBI
200		TCB	M 22* 70			0.523	105	S10T		LWEB
1	SPL	PL	2597* 9	620	70.65	114	114	SM490YA		RWEBI
1	SPL	PL	2597* 9	620	70.65	114	114	SM490YA		RWEBO
200		TCB	M 22* 70			0.523	105	S10T		RWEB
6	SPL	PL	100* 17	930	133.4	12.4	74	SM490YB		LRIB
36		TCB	M 22* 90			0.583	21	S10T		LRIB

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J4	1154 kg
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APPROACH BRIDGE GIRDER SPLICE G2 J5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	SPL	PL	80* 11	620	86.35	4.28	4	SM490YA		LF-UO
4	SPL	PL	614* 11	620	86.35	32.9	132	SM490YA		LF-UI
1	SPL	PL	80* 11	620	86.35	4.28	4	SM490YA		LF-UO
1	SPL	PL	2930* 10	620	78.50	143	143	SM490YA		LF-L
216		TCB	M 22* 75			0.538	116	S10T		LFLG
1	SPL	PL	2543* 9	620	70.65	111	111	SM490YA		LWEBO
1	SPL	PL	2543* 9	620	70.65	111	111	SM490YA		LWEBI
200		TCB	M 22* 70			0.523	105	S10T		LWEB
1	SPL	PL	2597* 9	620	70.65	114	114	SM490YA		RWEBI
1	SPL	PL	2597* 9	620	70.65	114	114	SM490YA		RWEBO
200		TCB	M 22* 70			0.523	105	S10T		RWEB
6	SPL	PL	100* 17	780	133.4	10.4	62	SM490YB		LRIB
30		TCB	M 22* 90			0.583	17	S10T		LRIB
							J5	1138 kg		

APPROACH BRIDGE GIRDER SPLICE G2 J6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	SPL	PL	80* 9	470	70.65	2.66	3	SM490YA		LF-UO
4	SPL	PL	614* 9	470	70.65	20.4	82	SM490YA		LF-UI
1	SPL	PL	80* 9	470	70.65	2.66	3	SM490YA		LF-UO
1	SPL	PL	2930* 9	470	70.65	97.3	97	SM490YA		LF-L
156		TCB	M 22* 70			0.523	82	S10T		LFLG
1	FILL	PL	2930* 6	235	47.10	32.4	32	SS400		
1	SPL	PL	2543* 9	620	70.65	111	111	SM490YA		LWEBO
1	SPL	PL	2543* 9	620	70.65	111	111	SM490YA		LWEBI
200		TCB	M 22* 70			0.523	105	S10T		LWEB
1	SPL	PL	2597* 9	620	70.65	114	114	SM490YA		RWEBI
1	SPL	PL	2597* 9	620	70.65	114	114	SM490YA		RWEBO
200		TCB	M 22* 70			0.523	105	S10T		RWEB
6	SPL	PL	100* 17	780	133.4	10.4	62	SM490YB		LRIB
30		TCB	M 22* 90			0.583	17	S10T		LRIB
							J6	1038 kg		

APPROACH BRIDGE GIRDER SPLICE G2 J7										
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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	SPL	PL	80* 9	320	70.65	1.81	2	SM490YA		LF-UO
8	SPL	PL	270* 9	320	70.65	6.10	49	SM490YA		LF-UI
1	SPL	PL	80* 9	320	70.65	1.81	2	SM490YA		LF-UO
1	SPL	PL	2930* 9	320	70.65	66.2	66	SM490YA		LF-L
104		TCB	M 22* 65			0.508	53	S10T		LFLG
1	SPL	PL	2543* 9	470	70.65	84.4	84	SM490YA		LWEBO
1	SPL	PL	2543* 9	470	70.65	84.4	84	SM490YA		LWEBI
150		TCB	M 22* 70			0.523	78	S10T		LWEB
1	SPL	PL	2597* 9	470	70.65	86.3	86	SM490YA		RWEBI
1	SPL	PL	2597* 9	470	70.65	86.3	86	SM490YA		RWEBO
150		TCB	M 22* 70			0.523	78	S10T		RWEB
14	SPL	PL	100* 17	630	133.4	8.40	118	SM490YB		LRIB
56		TCB	M 22* 90			0.583	33	S10T		LRIB
							J7	819 kg		

APPROACH BRIDGE GIRDER SPLICE G2 J8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	SPL	PL	80* 9	320	70.65	1.81	2	SM490YA		LF-UO
8	SPL	PL	270* 9	320	70.65	6.10	49	SM490YA		LF-UI
1	SPL	PL	80* 9	320	70.65	1.81	2	SM490YA		LF-UO
1	SPL	PL	2930* 9	320	70.65	66.2	66	SM490YA		LF-L
104		TCB	M 22* 70			0.523	54	S10T		LFLG
1	FILL	PL	2930* 2.3	160	18.06	8.47	8	SS400		
1	SPL	PL	2543* 9	470	70.65	84.4	84	SM490YA		LWEBO
1	SPL	PL	2543* 9	470	70.65	84.4	84	SM490YA		LWEBI
150		TCB	M 22* 70			0.523	78	S10T		LWEB
1	SPL	PL	2597* 9	470	70.65	86.3	86	SM490YA		RWEBI
1	SPL	PL	2597* 9	470	70.65	86.3	86	SM490YA		RWEBO
150		TCB	M 22* 70			0.523	78	S10T		RWEB
14	SPL	PL	100* 17	630	133.4	8.40	118	SM490YB		LRIB
56		TCB	M 22* 90			0.583	33	S10T		LRIB
							J8	828 kg		

APPROACH BRIDGE GIRDER SPLICE G2 J9										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	SPL	PL	80* 9	470	70.65	2.66	3	SM490YA		LF-UO
8	SPL	PL	270* 9	470	70.65	8.97	72	SM490YA		LF-UI
1	SPL	PL	80* 9	470	70.65	2.66	3	SM490YA		LF-UO
1	SPL	PL	2930* 9	470	70.65	97.3	97	SM490YA		LF-L

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156		TCB	M 22* 70			0.523	82	S10T		LFLG
1	FILL	PL	2930* 2.3	235	18.06	12.4	12	SS400		
1	SPL	PL	2543* 9	620	70.65	111	111	SM490YA		LWEBO
1	SPL	PL	2543* 9	620	70.65	111	111	SM490YA		LWEBI
200		TCB	M 22* 70			0.523	105	S10T		LWEB
1	SPL	PL	2597* 9	620	70.65	114	114	SM490YA		RWEBI
1	SPL	PL	2597* 9	620	70.65	114	114	SM490YA		RWEBO
200		TCB	M 22* 70			0.523	105	S10T		RWEB
14	SPL	PL	100* 15	780	117.8	9.19	129	SM490YA		LRIB
70		TCB	M 22* 85			0.568	40	S10T		LRIB
J9										1098 kg

APPROACH BRIDGE GIRDER SPLICE G2 J10										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	SPL	PL	80* 9	470	70.65	2.66	3	SM490YA		LF-UO
8	SPL	PL	270* 9	470	70.65	8.97	72	SM490YA		LF-UI
1	SPL	PL	80* 9	470	70.65	2.66	3	SM490YA		LF-UO
1	SPL	PL	2930* 9	470	70.65	97.3	97	SM490YA		LF-L
156		TCB	M 22* 70			0.523	82	S10T		LFLG
1	FILL	PL	2930* 2.3	235	18.06	12.4	12	SS400		
1	SPL	PL	2543* 9	620	70.65	111	111	SM490YA		LWEBO
1	SPL	PL	2543* 9	620	70.65	111	111	SM490YA		LWEBI
200		TCB	M 22* 70			0.523	105	S10T		LWEB
1	SPL	PL	2597* 9	620	70.65	114	114	SM490YA		RWEBI
1	SPL	PL	2597* 9	620	70.65	114	114	SM490YA		RWEBO
200		TCB	M 22* 70			0.523	105	S10T		RWEB
14	SPL	PL	100* 15	780	117.8	9.19	129	SM490YA		LRIB
70		TCB	M 22* 85			0.568	40	S10T		LRIB
J10										1098 kg

APPROACH BRIDGE GIRDER SPLICE G2 J11										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	SPL	PL	80* 9	320	70.65	1.81	2	SM490YA		LF-UO
8	SPL	PL	270* 9	320	70.65	6.10	49	SM490YA		LF-UI
1	SPL	PL	80* 9	320	70.65	1.81	2	SM490YA		LF-UO
1	SPL	PL	2930* 9	320	70.65	66.2	66	SM490YA		LF-L
104		TCB	M 22* 70			0.523	54	S10T		LFLG
1	FILL	PL	2930* 2.3	160	18.06	8.47	8	SS400		
1	SPL	PL	2543* 9	470	70.65	84.4	84	SM490YA		LWEBO
1	SPL	PL	2543* 9	470	70.65	84.4	84	SM490YA		LWEBI

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150		TCB	M 22* 70			0.523	78	S10T		LWEB
1	SPL	PL	2597* 9	470	70.65	86.3	86	SM490YA		RWEBI
1	SPL	PL	2597* 9	470	70.65	86.3	86	SM490YA		RWEBO
150		TCB	M 22* 70			0.523	78	S10T		RWEB
14	SPL	PL	100* 15	630	117.8	7.42	104	SM490YA		LRIB
56		TCB	M 22* 85			0.568	32	S10T		LRIB
J11										
813 kg										

APPROACH BRIDGE GIRDER SPLICE G2 J12										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	SPL	PL	80* 9	320	70.65	1.81	2	SM490YA		LF-UO
8	SPL	PL	270* 9	320	70.65	6.10	49	SM490YA		LF-UI
1	SPL	PL	80* 9	320	70.65	1.81	2	SM490YA		LF-UO
1	SPL	PL	2930* 9	320	70.65	66.2	66	SM490YA		LF-L
104		TCB	M 22* 65			0.508	53	S10T		LFLG
1	SPL	PL	2543* 9	470	70.65	84.4	84	SM490YA		LWEBO
1	SPL	PL	2543* 9	470	70.65	84.4	84	SM490YA		LWEBI
150		TCB	M 22* 70			0.523	78	S10T		LWEB
1	SPL	PL	2597* 9	470	70.65	86.3	86	SM490YA		RWEBI
1	SPL	PL	2597* 9	470	70.65	86.3	86	SM490YA		RWEBO
150		TCB	M 22* 70			0.523	78	S10T		RWEB
14	SPL	PL	100* 17	630	133.4	8.40	118	SM490YB		LRIB
56		TCB	M 22* 90			0.583	33	S10T		LRIB
J12										
819 kg										

APPROACH BRIDGE GIRDER SPLICE G2 J13										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	SPL	PL	80* 9	320	70.65	1.81	2	SM490YA		LF-UO
8	SPL	PL	270* 9	320	70.65	6.10	49	SM490YA		LF-UI
1	SPL	PL	80* 9	320	70.65	1.81	2	SM490YA		LF-UO
1	SPL	PL	2930* 9	320	70.65	66.2	66	SM490YA		LF-L
104		TCB	M 22* 65			0.508	53	S10T		LFLG
1	SPL	PL	2543* 9	470	70.65	84.4	84	SM490YA		LWEBO
1	SPL	PL	2543* 9	470	70.65	84.4	84	SM490YA		LWEBI
150		TCB	M 22* 70			0.523	78	S10T		LWEB
1	SPL	PL	2597* 9	470	70.65	86.3	86	SM490YA		RWEBI
1	SPL	PL	2597* 9	470	70.65	86.3	86	SM490YA		RWEBO
150		TCB	M 22* 70			0.523	78	S10T		RWEB
14	SPL	PL	100* 17	630	133.4	8.40	118	SM490YB		LRIB
56		TCB	M 22* 90			0.583	33	S10T		LRIB

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J13	819 kg
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APPROACH BRIDGE GIRDER SPLICE G2 J14											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	SPL	PL	80* 9	320	70.65	1.81	2	SM490YA		LF-UO	
8	SPL	PL	270* 9	320	70.65	6.10	49	SM490YA		LF-UI	
1	SPL	PL	80* 9	320	70.65	1.81	2	SM490YA		LF-UO	
1	SPL	PL	2930* 9	320	70.65	66.2	66	SM490YA		LF-L	
104		TCB	M 22* 65			0.508	53	S10T		LFLG	
1	SPL	PL	2543* 9	470	70.65	84.4	84	SM490YA		LWEBO	
1	SPL	PL	2543* 9	470	70.65	84.4	84	SM490YA		LWEBI	
150		TCB	M 22* 70			0.523	78	S10T		LWEB	
1	SPL	PL	2597* 9	470	70.65	86.3	86	SM490YA		RWEBI	
1	SPL	PL	2597* 9	470	70.65	86.3	86	SM490YA		RWEBO	
150		TCB	M 22* 70			0.523	78	S10T		RWEB	
14	SPL	PL	100* 17	630	133.4	8.40	118	SM490YB		LRIB	
56		TCB	M 22* 90			0.583	33	S10T		LRIB	
							J14	819 kg			

APPROACH BRIDGE GIRDER SPLICE G2 J15											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	SPL	PL	80* 9	320	70.65	1.81	2	SM490YA		LF-UO	
8	SPL	PL	270* 9	320	70.65	6.10	49	SM490YA		LF-UI	
1	SPL	PL	80* 9	320	70.65	1.81	2	SM490YA		LF-UO	
1	SPL	PL	2930* 9	320	70.65	66.2	66	SM490YA		LF-L	
104		TCB	M 22* 65			0.508	53	S10T		LFLG	
1	SPL	PL	2543* 9	470	70.65	84.4	84	SM490YA		LWEBO	
1	SPL	PL	2543* 9	470	70.65	84.4	84	SM490YA		LWEBI	
150		TCB	M 22* 70			0.523	78	S10T		LWEB	
1	SPL	PL	2597* 9	470	70.65	86.3	86	SM490YA		RWEBI	
1	SPL	PL	2597* 9	470	70.65	86.3	86	SM490YA		RWEBO	
150		TCB	M 22* 70			0.523	78	S10T		RWEB	
14	SPL	PL	100* 17	630	133.4	8.40	118	SM490YB		LRIB	
56		TCB	M 22* 90			0.583	33	S10T		LRIB	
							J15	819 kg			

APPROACH BRIDGE GIRDER SPLICE G2 J16										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks

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1	SPL	PL	80* 9	320	70.65	1.81	2	SM490YA		LF-UO
8	SPL	PL	270* 9	320	70.65	6.10	49	SM490YA		LF-UI
1	SPL	PL	80* 9	320	70.65	1.81	2	SM490YA		LF-UO
1	SPL	PL	2930* 9	320	70.65	66.2	66	SM490YA		LF-L
104		TCB	M 22* 65			0.508	53	S10T		LFLG
1	SPL	PL	2543* 9	470	70.65	84.4	84	SM490YA		LWEBO
1	SPL	PL	2543* 9	470	70.65	84.4	84	SM490YA		LWEBI
150		TCB	M 22* 70			0.523	78	S10T		LWEB
1	SPL	PL	2597* 9	470	70.65	86.3	86	SM490YA		RWEBI
1	SPL	PL	2597* 9	470	70.65	86.3	86	SM490YA		RWEBO
150		TCB	M 22* 70			0.523	78	S10T		RWEB
14	SPL	PL	100* 17	630	133.4	8.40	118	SM490YB		LRIB
56		TCB	M 22* 90			0.583	33	S10T		LRIB
J16										819 kg

APPROACH BRIDGE GIRDER SPLICE G2 J17										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	SPL	PL	80* 9	320	70.65	1.81	2	SM490YA		LF-UO
8	SPL	PL	270* 9	320	70.65	6.10	49	SM490YA		LF-UI
1	SPL	PL	80* 9	320	70.65	1.81	2	SM490YA		LF-UO
1	SPL	PL	2930* 9	320	70.65	66.2	66	SM490YA		LF-L
104		TCB	M 22* 70			0.523	54	S10T		LFLG
1	FILL	PL	2930* 4.5	160	35.32	16.6	17	SS400		
1	SPL	PL	2543* 9	470	70.65	84.4	84	SM490YA		LWEBO
1	SPL	PL	2543* 9	470	70.65	84.4	84	SM490YA		LWEBI
150		TCB	M 22* 70			0.523	78	S10T		LWEB
1	SPL	PL	2597* 9	470	70.65	86.3	86	SM490YA		RWEBI
1	SPL	PL	2597* 9	470	70.65	86.3	86	SM490YA		RWEBO
150		TCB	M 22* 70			0.523	78	S10T		RWEB
14	SPL	PL	100* 15	630	117.8	7.42	104	SM490YA		LRIB
56		TCB	M 22* 85			0.568	32	S10T		LRIB
J17										822 kg

APPROACH BRIDGE GIRDER SPLICE G2 J18										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	SPL	PL	80* 9	470	70.65	2.66	3	SM490YA		LF-UO
8	SPL	PL	270* 9	470	70.65	8.97	72	SM490YA		LF-UI
1	SPL	PL	80* 9	470	70.65	2.66	3	SM490YA		LF-UO
1	SPL	PL	2930* 9	470	70.65	97.3	97	SM490YA		LF-L
156		TCB	M 22* 75			0.538	84	S10T		LFLG

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1	FILL	PL	2930* 6	235	47.10	32.4	32	SS400		
1	SPL	PL	2543* 9	620	70.65	111	111	SM490YA		LWEBO
1	SPL	PL	2543* 9	620	70.65	111	111	SM490YA		LWEBI
200		TCB	M 22* 70			0.523	105	S10T		LWEB
1	SPL	PL	2597* 9	620	70.65	114	114	SM490YA		RWEBI
1	SPL	PL	2597* 9	620	70.65	114	114	SM490YA		RWEBO
200		TCB	M 22* 70			0.523	105	S10T		RWEB
14	SPL	PL	100* 15	780	117.8	9.19	129	SM490YA		LRIB
70		TCB	M 22* 90			0.583	41	S10T		LRIB
14	FILL	PL	100* 2.3	380	18.06	0.686	10	SS400		
J18										1131 kg

APPROACH BRIDGE GIRDER SPLICE G2 J19										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	SPL	PL	80* 13	698	102.0	5.70	6	SM490YA		LF-UO
8	SPL	PL	270* 13	698	102.0	19.2	154	SM490YA		LF-UI
1	SPL	PL	80* 13	698	102.0	5.70	6	SM490YA		LF-UO
1	SPL	PL	2930* 11	698	86.35	177	177	SM490YA		LF-L
260		TCB	M 22* 90			0.583	152	S10T		LFLG
1	FILL	PL	2930* 6	349	47.10	48.2	48	SS400		
1	SPL	PL	2543* 9	620	70.65	111	111	SM490YA		LWEBO
1	SPL	PL	2543* 9	620	70.65	111	111	SM490YA		LWEBI
200		TCB	M 22* 70			0.523	105	S10T		LWEB
1	SPL	PL	2597* 9	620	70.65	114	114	SM490YA		RWEBI
1	SPL	PL	2597* 9	620	70.65	114	114	SM490YA		RWEBO
200		TCB	M 22* 70			0.523	105	S10T		RWEB
14	SPL	PL	120* 19	1060	149.2	19.0	266	SM490YB		LRIB
126		TCB	M 22* 95			0.598	75	S10T		LRIB
J19										1544 kg

APPROACH BRIDGE GIRDER SPLICE G2 J20										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	SPL	PL	80* 13	698	102.0	5.70	6	SM490YA		LF-UO
8	SPL	PL	270* 13	698	102.0	19.2	154	SM490YA		LF-UI
1	SPL	PL	80* 13	698	102.0	5.70	6	SM490YA		LF-UO
1	SPL	PL	2930* 10	698	78.50	161	161	SM490YA		LF-L
260		TCB	M 22* 85			0.568	148	S10T		LFLG
1	FILL	PL	2930* 8	349	62.80	64.2	64	SS400		
1	SPL	PL	2543* 9	620	70.65	111	111	SM490YA		LWEBO
1	SPL	PL	2543* 9	620	70.65	111	111	SM490YA		LWEBI

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200		TCB	M 22* 70			0.523	105	S10T		LWEB
1	SPL	PL	2597* 9	620	70.65	114	114	SM490YA		RWEBI
1	SPL	PL	2597* 9	620	70.65	114	114	SM490YA		RWEBO
200		TCB	M 22* 70			0.523	105	S10T		RWEB
14	SPL	PL	120* 19	1060	149.2	19.0	266	SM490YB		LRIB
126		TCB	M 22* 95			0.598	75	S10T		LRIB
J20										
1540 kg										

APPROACH BRIDGE GIRDER SPLICE G2 J21										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	SPL	PL	80* 9	470	70.65	2.66	3	SM490YA		LF-UO
8	SPL	PL	270* 9	470	70.65	8.97	72	SM490YA		LF-UI
1	SPL	PL	80* 9	470	70.65	2.66	3	SM490YA		LF-UO
1	SPL	PL	2930* 9	470	70.65	97.3	97	SM490YA		LF-L
156		TCB	M 22* 75			0.538	84	S10T		LFLG
1	FILL	PL	2930* 8	235	62.80	43.2	43	SS400		
1	SPL	PL	2543* 9	620	70.65	111	111	SM490YA		LWEBO
1	SPL	PL	2543* 9	620	70.65	111	111	SM490YA		LWEBI
200		TCB	M 22* 70			0.523	105	S10T		LWEB
1	SPL	PL	2597* 9	620	70.65	114	114	SM490YA		RWEBI
1	SPL	PL	2597* 9	620	70.65	114	114	SM490YA		RWEBO
200		TCB	M 22* 70			0.523	105	S10T		RWEB
14	SPL	PL	100* 15	780	117.8	9.19	129	SM490YA		LRIB
70		TCB	M 22* 90			0.583	41	S10T		LRIB
14	FILL	PL	100* 2.3	380	18.06	0.686	10	SS400		
J21										
1142 kg										

APPROACH BRIDGE GIRDER SPLICE G2 J22										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	SPL	PL	80* 9	320	70.65	1.81	2	SM490YA		LF-UO
8	SPL	PL	270* 9	320	70.65	6.10	49	SM490YA		LF-UI
1	SPL	PL	80* 9	320	70.65	1.81	2	SM490YA		LF-UO
1	SPL	PL	2930* 9	320	70.65	66.2	66	SM490YA		LF-L
104		TCB	M 22* 65			0.508	53	S10T		LFLG
1	SPL	PL	2543* 9	620	70.65	111	111	SM490YA		LWEBO
1	SPL	PL	2543* 9	620	70.65	111	111	SM490YA		LWEBI
200		TCB	M 22* 70			0.523	105	S10T		LWEB
1	SPL	PL	2597* 9	620	70.65	114	114	SM490YA		RWEBI
1	SPL	PL	2597* 9	620	70.65	114	114	SM490YA		RWEBO
200		TCB	M 22* 70			0.523	105	S10T		RWEB

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14	SPL	PL	100* 17	630	133.4	8.40	118	SM490YB		LRIB
56		TCB	M 22* 90			0.583	33	S10T		LRIB
J22							983 kg			

APPROACH BRIDGE GIRDER SPLICE G2 J23										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	SPL	PL	80* 9	320	70.65	1.81	2	SM490YA		LF-UO
4	SPL	PL	614* 9	320	70.65	13.9	56	SM490YA		LF-UI
1	SPL	PL	80* 9	320	70.65	1.81	2	SM490YA		LF-UO
1	SPL	PL	2930* 9	320	70.65	66.2	66	SM490YA		LF-L
120		TCB	M 22* 70			0.523	63	S10T		LFLG
1	FILL	PL	2930* 6	160	47.10	22.1	22	SS400		
1	SPL	PL	2543* 9	470	70.65	84.4	84	SM490YA		LWEBO
1	SPL	PL	2543* 9	470	70.65	84.4	84	SM490YA		LWEBI
150		TCB	M 22* 70			0.523	78	S10T		LWEB
1	SPL	PL	2597* 9	470	70.65	86.3	86	SM490YA		RWEBI
1	SPL	PL	2597* 9	470	70.65	86.3	86	SM490YA		RWEBO
150		TCB	M 22* 70			0.523	78	S10T		RWEB
6	SPL	PL	100* 17	630	133.4	8.40	50	SM490YB		LRIB
24		TCB	M 22* 90			0.583	14	S10T		LRIB
J23							771 kg			

APPROACH BRIDGE GIRDER SPLICE G2 J24										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	SPL	PL	80* 12	620	94.20	4.67	5	SM490YA		LF-UO
4	SPL	PL	614* 12	620	94.20	35.9	144	SM490YA		LF-UI
1	SPL	PL	80* 12	620	94.20	4.67	5	SM490YA		LF-UO
1	SPL	PL	2930* 10	620	78.50	143	143	SM490YA		LF-L
216		TCB	M 22* 85			0.568	123	S10T		LFLG
1	FILL	PL	2930* 9	310	70.65	64.2	64	SS400		
1	SPL	PL	2543* 9	620	70.65	111	111	SM490YA		LWEBO
1	SPL	PL	2543* 9	620	70.65	111	111	SM490YA		LWEBI
200		TCB	M 22* 70			0.523	105	S10T		LWEB
1	SPL	PL	2597* 9	620	70.65	114	114	SM490YA		RWEBI
1	SPL	PL	2597* 9	620	70.65	114	114	SM490YA		RWEBO
200		TCB	M 22* 70			0.523	105	S10T		RWEB
6	SPL	PL	100* 17	930	133.4	12.4	74	SM490YB		LRIB
36		TCB	M 22* 95			0.598	22	S10T		LRIB
6	FILL	PL	100* 2.3	455	18.06	0.822	5	SS400		

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J24	1245 kg
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APPROACH BRIDGE GIRDER SPLICE G2 J25										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	SPL	PL	80* 18	770	141.3	8.70	9	SM490YB		LF-UO
4	SPL	PL	614* 18	770	141.3	66.8	267	SM490YB		LF-UI
1	SPL	PL	80* 18	770	141.3	8.70	9	SM490YB		LF-UO
1	SPL	PL	2930* 15	770	117.8	266	266	SM490YA		LF-L
276		TCB	M 22* 105			0.628	173	S10T		LFLG
1	FILL	PL	2930* 9	385	70.65	79.7	80	SS400		
1	SPL	PL	2543* 9	620	70.65	111	111	SM490YA		LWEBO
1	SPL	PL	2543* 9	620	70.65	111	111	SM490YA		LWEBI
200		TCB	M 22* 70			0.523	105	S10T		LWEB
1	SPL	PL	2597* 9	620	70.65	114	114	SM490YA		RWEBI
1	SPL	PL	2597* 9	620	70.65	114	114	SM490YA		RWEBO
200		TCB	M 22* 70			0.523	105	S10T		RWEB
6	SPL	PL	120* 21	1090	164.8	21.6	130	SM490YB		LRIB
48		TCB	M 22* 100			0.613	29	S10T		LRIB
					J25	1623 kg				

APPROACH BRIDGE GIRDER SPLICE G2 J26										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	SPL	PL	80* 23	962	180.6	13.9	14	SM490YB		LF-UO
4	SPL	PL	614* 23	962	180.6	107	428	SM490YB		LF-UI
1	SPL	PL	80* 23	962	180.6	13.9	14	SM490YB		LF-UO
1	SPL	PL	2930* 20	962	157.0	443	443	SM490YB		LF-L
396		TCB	M 22* 120			0.673	267	S10T		LFLG
1	FILL	PL	2930* 3.2	481	25.12	35.4	35	SS400		
1	SPL	PL	2543* 9	620	70.65	111	111	SM490YA		LWEBO
1	SPL	PL	2543* 9	620	70.65	111	111	SM490YA		LWEBI
200		TCB	M 22* 70			0.523	105	S10T		LWEB
1	SPL	PL	2597* 9	620	70.65	114	114	SM490YA		RWEBI
1	SPL	PL	2597* 9	620	70.65	114	114	SM490YA		RWEBO
200		TCB	M 22* 70			0.523	105	S10T		RWEB
6	SPL	PL	120* 21	1090	164.8	21.6	130	SM490YB		LRIB
48		TCB	M 22* 100			0.613	29	S10T		LRIB
					J26	2020 kg				

APPROACH BRIDGE GIRDER SPLICE G2 J27										
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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	SPL	PL	80* 25	962	196.2	15.1	15	SM490YB		LF-UO
4	SPL	PL	614* 25	962	196.2	116	464	SM490YB		LF-UI
1	SPL	PL	80* 25	962	196.2	15.1	15	SM490YB		LF-UO
1	SPL	PL	2930* 21	962	164.8	465	465	SM490YB		LF-L
396		TCB	M 22* 120			0.673	267	S10T		LFLG
1	SPL	PL	2543* 9	620	70.65	111	111	SM490YA		LWEBO
1	SPL	PL	2543* 9	620	70.65	111	111	SM490YA		LWEBI
200		TCB	M 22* 70			0.523	105	S10T		LWEB
1	SPL	PL	2597* 9	620	70.65	114	114	SM490YA		RWEBI
1	SPL	PL	2597* 9	620	70.65	114	114	SM490YA		RWEBO
200		TCB	M 22* 70			0.523	105	S10T		RWEB
6	SPL	PL	120* 21	1090	164.8	21.6	130	SM490YB		LRIB
48		TCB	M 22* 100			0.613	29	S10T		LRIB
							J27	2045 kg		

APPROACH BRIDGE GIRDER SPLICE G2 J28										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	SPL	PL	80* 25	962	196.2	15.1	15	SM490YB		LF-UO
4	SPL	PL	614* 25	962	196.2	116	464	SM490YB		LF-UI
1	SPL	PL	80* 25	962	196.2	15.1	15	SM490YB		LF-UO
1	SPL	PL	2930* 21	962	164.8	465	465	SM490YB		LF-L
396		TCB	M 22* 120			0.673	267	S10T		LFLG
1	SPL	PL	2543* 9	620	70.65	111	111	SM490YA		LWEBO
1	SPL	PL	2543* 9	620	70.65	111	111	SM490YA		LWEBI
200		TCB	M 22* 70			0.523	105	S10T		LWEB
1	SPL	PL	2597* 9	620	70.65	114	114	SM490YA		RWEBI
1	SPL	PL	2597* 9	620	70.65	114	114	SM490YA		RWEBO
200		TCB	M 22* 70			0.523	105	S10T		RWEB
6	SPL	PL	120* 21	1090	164.8	21.6	130	SM490YB		LRIB
48		TCB	M 22* 100			0.613	29	S10T		LRIB
							J28	2045 kg		

APPROACH BRIDGE GIRDER SPLICE G2 J29										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	SPL	PL	80* 23	962	180.6	13.9	14	SM490YB		LF-UO
4	SPL	PL	614* 23	962	180.6	107	428	SM490YB		LF-UI
1	SPL	PL	80* 23	962	180.6	13.9	14	SM490YB		LF-UO
1	SPL	PL	2930* 20	962	157.0	443	443	SM490YB		LF-L
396		TCB	M 22* 120			0.673	267	S10T		LFLG

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1	FILL	PL	2930* 3.2	481	25.12	35.4	35	SS400		
1	SPL	PL	2543* 9	620	70.65	111	111	SM490YA		LWEBO
1	SPL	PL	2543* 9	620	70.65	111	111	SM490YA		LWEBI
200		TCB	M 22* 70			0.523	105	S10T		LWEB
1	SPL	PL	2597* 9	620	70.65	114	114	SM490YA		RWEBI
1	SPL	PL	2597* 9	620	70.65	114	114	SM490YA		RWEBO
200		TCB	M 22* 70			0.523	105	S10T		RWEB
6	SPL	PL	120* 22	1060	172.7	22.0	132	SM490YB		LRIB
54		TCB	M 22* 105			0.628	34	S10T		LRIB
J29										
2027 kg										

APPROACH BRIDGE GIRDER SPLICE G2 J30										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	SPL	PL	80* 19	920	149.2	11.0	11	SM490YB		LF-UO
4	SPL	PL	614* 19	920	149.2	84.3	337	SM490YB		LF-UI
1	SPL	PL	80* 19	920	149.2	11.0	11	SM490YB		LF-UO
1	SPL	PL	2930* 16	920	125.6	339	339	SM490YA		LF-L
336		TCB	M 22* 105			0.628	211	S10T		LFLG
1	FILL	PL	2930* 6	460	47.10	63.5	64	SS400		
1	SPL	PL	2543* 9	620	70.65	111	111	SM490YA		LWEBO
1	SPL	PL	2543* 9	620	70.65	111	111	SM490YA		LWEBI
200		TCB	M 22* 70			0.523	105	S10T		LWEB
1	SPL	PL	2597* 9	620	70.65	114	114	SM490YA		RWEBI
1	SPL	PL	2597* 9	620	70.65	114	114	SM490YA		RWEBO
200		TCB	M 22* 70			0.523	105	S10T		RWEB
6	SPL	PL	120* 21	1090	164.8	21.6	130	SM490YB		LRIB
48		TCB	M 22* 100			0.613	29	S10T		LRIB
J30										
1792 kg										

APPROACH BRIDGE GIRDER SPLICE G2 J31										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	SPL	PL	80* 13	620	102.0	5.06	5	SM490YA		LF-UO
4	SPL	PL	614* 13	620	102.0	38.8	155	SM490YA		LF-UI
1	SPL	PL	80* 13	620	102.0	5.06	5	SM490YA		LF-UO
1	SPL	PL	2930* 11	620	86.35	157	157	SM490YA		LF-L
216		TCB	M 22* 90			0.583	126	S10T		LFLG
1	FILL	PL	2930* 10	310	78.50	71.3	71	SS400		
1	SPL	PL	2543* 9	620	70.65	111	111	SM490YA		LWEBO
1	SPL	PL	2543* 9	620	70.65	111	111	SM490YA		LWEBI
200		TCB	M 22* 70			0.523	105	S10T		LWEB

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1	SPL	PL	2597* 9	620	70.65	114	114	SM490YA		RWEBI
1	SPL	PL	2597* 9	620	70.65	114	114	SM490YA		RWEBO
200		TCB	M 22* 70			0.523	105	S10T		RWEB
6	SPL	PL	100* 17	930	133.4	12.4	74	SM490YB		LRIB
36		TCB	M 22* 95			0.598	22	S10T		LRIB
6	FILL	PL	100* 2.3	455	18.06	0.822	5	SS400		
J31										
1280 kg										

APPROACH BRIDGE GIRDER SPLICE G2 J32										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	SPL	PL	80* 9	320	70.65	1.81	2	SM490YA		LF-UO
4	SPL	PL	614* 9	320	70.65	13.9	56	SM490YA		LF-UI
1	SPL	PL	80* 9	320	70.65	1.81	2	SM490YA		LF-UO
1	SPL	PL	2930* 9	320	70.65	66.2	66	SM490YA		LF-L
120		TCB	M 22* 75			0.538	65	S10T		LFLG
1	FILL	PL	2930* 8	160	62.80	29.4	29	SS400		
1	SPL	PL	2543* 9	620	70.65	111	111	SM490YA		LWEBO
1	SPL	PL	2543* 9	620	70.65	111	111	SM490YA		LWEBI
200		TCB	M 22* 70			0.523	105	S10T		LWEB
1	SPL	PL	2597* 9	620	70.65	114	114	SM490YA		RWEBI
1	SPL	PL	2597* 9	620	70.65	114	114	SM490YA		RWEBO
200		TCB	M 22* 70			0.523	105	S10T		RWEB
6	SPL	PL	100* 17	630	133.4	8.40	50	SM490YB		LRIB
24		TCB	M 22* 90			0.583	14	S10T		LRIB
J32										
944 kg										
G2										
37958 kg										

APPROACH BRIDGE GIRDER SPLICE G3 J1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	SPL	PL	80* 9	320	70.65	1.81	2	SM490YA		LF-UO
4	SPL	PL	614* 9	320	70.65	13.9	56	SM490YA		LF-UI
1	SPL	PL	80* 9	320	70.65	1.81	2	SM490YA		LF-UO
1	SPL	PL	2930* 9	320	70.65	66.2	66	SM490YA		LF-L
120		TCB	M 22* 70			0.523	63	S10T		LFLG
1	FILL	PL	2930* 3.2	160	25.12	11.8	12	SS400		
1	SPL	PL	2597* 9	470	70.65	86.3	86	SM490YA		LWEBO
1	SPL	PL	2597* 9	470	70.65	86.3	86	SM490YA		LWEBI
150		TCB	M 22* 70			0.523	78	S10T		LWEB
1	SPL	PL	2543* 9	470	70.65	84.4	84	SM490YA		RWEBI

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1	SPL	PL	2543* 9	470	70.65	84.4	84	SM490YA		RWEBO	
150		TCB	M 22* 70			0.523	78	S10T		RWEB	
6	SPL	PL	100* 17	630	133.4	8.40	50	SM490YB		LRIB	
24		TCB	M 22* 90			0.583	14	S10T		LRIB	
							J1				
							761 kg				

APPROACH BRIDGE GIRDER SPLICE G3 J2											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	SPL	PL	80* 9	470	70.65	2.66	3	SM490YA		LF-UO	
4	SPL	PL	614* 9	470	70.65	20.4	82	SM490YA		LF-UI	
1	SPL	PL	80* 9	470	70.65	2.66	3	SM490YA		LF-UO	
1	SPL	PL	2930* 9	470	70.65	97.3	97	SM490YA		LF-L	
156		TCB	M 22* 75			0.538	84	S10T		LFLG	
1	FILL	PL	2930* 4.5	235	35.32	24.3	24	SS400			
1	SPL	PL	2597* 9	620	70.65	114	114	SM490YA		LWEBO	
1	SPL	PL	2597* 9	620	70.65	114	114	SM490YA		LWEBI	
200		TCB	M 22* 70			0.523	105	S10T		LWEB	
1	SPL	PL	2543* 9	620	70.65	111	111	SM490YA		RWEBI	
1	SPL	PL	2543* 9	620	70.65	111	111	SM490YA		RWEBO	
200		TCB	M 22* 70			0.523	105	S10T		RWEB	
6	SPL	PL	100* 17	780	133.4	10.4	62	SM490YB		LRIB	
30		TCB	M 22* 90			0.583	17	S10T		LRIB	
							J2				
							1032 kg				

APPROACH BRIDGE GIRDER SPLICE G3 J3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	SPL	PL	80* 13	620	102.0	5.06	5	SM490YA		LF-UO
4	SPL	PL	614* 13	620	102.0	38.8	155	SM490YA		LF-UI
1	SPL	PL	80* 13	620	102.0	5.06	5	SM490YA		LF-UO
1	SPL	PL	2930* 11	620	86.35	157	157	SM490YA		LF-L
216		TCB	M 22* 80			0.553	119	S10T		LFLG
1	FILL	PL	2930* 2.3	310	18.06	16.4	16	SS400		
1	SPL	PL	2597* 9	620	70.65	114	114	SM490YA		LWEBO
1	SPL	PL	2597* 9	620	70.65	114	114	SM490YA		LWEBI
200		TCB	M 22* 70			0.523	105	S10T		LWEB
1	SPL	PL	2543* 9	620	70.65	111	111	SM490YA		RWEBI
1	SPL	PL	2543* 9	620	70.65	111	111	SM490YA		RWEBO
200		TCB	M 22* 70			0.523	105	S10T		RWEB
6	SPL	PL	100* 17	930	133.4	12.4	74	SM490YB		LRIB
36		TCB	M 22* 90			0.583	21	S10T		LRIB

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J3	1212 kg
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APPROACH BRIDGE GIRDER SPLICE G3 J4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	SPL	PL	80* 14	620	109.9	5.45	5	SM490YA		LF-UO
4	SPL	PL	614* 14	620	109.9	41.8	167	SM490YA		LF-UI
1	SPL	PL	80* 14	620	109.9	5.45	5	SM490YA		LF-UO
1	SPL	PL	2930* 12	620	94.20	171	171	SM490YA		LF-L
216		TCB	M 22* 85			0.568	123	S10T		LFLG
1	SPL	PL	2597* 9	620	70.65	114	114	SM490YA		LWEBO
1	SPL	PL	2597* 9	620	70.65	114	114	SM490YA		LWEBI
200		TCB	M 22* 70			0.523	105	S10T		LWEB
1	SPL	PL	2543* 9	620	70.65	111	111	SM490YA		RWEBI
1	SPL	PL	2543* 9	620	70.65	111	111	SM490YA		RWEBO
200		TCB	M 22* 70			0.523	105	S10T		RWEB
6	SPL	PL	100* 17	930	133.4	12.4	74	SM490YB		LRIB
36		TCB	M 22* 90			0.583	21	S10T		LRIB
							J4	1226 kg		

APPROACH BRIDGE GIRDER SPLICE G3 J5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	SPL	PL	80* 13	620	102.0	5.06	5	SM490YA		LF-UO
4	SPL	PL	614* 13	620	102.0	38.8	155	SM490YA		LF-UI
1	SPL	PL	80* 13	620	102.0	5.06	5	SM490YA		LF-UO
1	SPL	PL	2930* 11	620	86.35	157	157	SM490YA		LF-L
216		TCB	M 22* 80			0.553	119	S10T		LFLG
1	FILL	PL	2930* 2.3	310	18.06	16.4	16	SS400		
1	SPL	PL	2597* 9	620	70.65	114	114	SM490YA		LWEBO
1	SPL	PL	2597* 9	620	70.65	114	114	SM490YA		LWEBI
200		TCB	M 22* 70			0.523	105	S10T		LWEB
1	SPL	PL	2543* 9	620	70.65	111	111	SM490YA		RWEBI
1	SPL	PL	2543* 9	620	70.65	111	111	SM490YA		RWEBO
200		TCB	M 22* 70			0.523	105	S10T		RWEB
6	SPL	PL	100* 17	930	133.4	12.4	74	SM490YB		LRIB
36		TCB	M 22* 90			0.583	21	S10T		LRIB
							J5	1212 kg		

APPROACH BRIDGE GIRDER SPLICE G3 J6										
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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	SPL	PL	80* 9	470	70.65	2.66	3	SM490YA		LF-UO
4	SPL	PL	614* 9	470	70.65	20.4	82	SM490YA		LF-UI
1	SPL	PL	80* 9	470	70.65	2.66	3	SM490YA		LF-UO
1	SPL	PL	2930* 9	470	70.65	97.3	97	SM490YA		LF-L
156		TCB	M 22* 75			0.538	84	S10T		LFLG
1	FILL	PL	2930* 6	235	47.10	32.4	32	SS400		
1	SPL	PL	2597* 9	620	70.65	114	114	SM490YA		LWEBO
1	SPL	PL	2597* 9	620	70.65	114	114	SM490YA		LWEBI
200		TCB	M 22* 70			0.523	105	S10T		LWEB
1	SPL	PL	2543* 9	620	70.65	111	111	SM490YA		RWEBI
1	SPL	PL	2543* 9	620	70.65	111	111	SM490YA		RWEBO
200		TCB	M 22* 70			0.523	105	S10T		RWEB
6	SPL	PL	100* 17	930	133.4	12.4	74	SM490YB		LRIB
36		TCB	M 22* 90			0.583	21	S10T		LRIB
J6							1056 kg			

APPROACH BRIDGE GIRDER SPLICE G3 J7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	SPL	PL	80* 9	320	70.65	1.81	2	SM490YA		LF-UO
8	SPL	PL	270* 9	320	70.65	6.10	49	SM490YA		LF-UI
1	SPL	PL	80* 9	320	70.65	1.81	2	SM490YA		LF-UO
1	SPL	PL	2930* 9	320	70.65	66.2	66	SM490YA		LF-L
104		TCB	M 22* 70			0.523	54	S10T		LFLG
1	FILL	PL	2930* 2.3	160	18.06	8.47	8	SS400		
1	SPL	PL	2597* 9	470	70.65	86.3	86	SM490YA		LWEBO
1	SPL	PL	2597* 9	470	70.65	86.3	86	SM490YA		LWEBI
150		TCB	M 22* 70			0.523	78	S10T		LWEB
1	SPL	PL	2543* 9	470	70.65	84.4	84	SM490YA		RWEBI
1	SPL	PL	2543* 9	470	70.65	84.4	84	SM490YA		RWEBO
150		TCB	M 22* 70			0.523	78	S10T		RWEB
14	SPL	PL	100* 17	630	133.4	8.40	118	SM490YB		LRIB
56		TCB	M 22* 90			0.583	33	S10T		LRIB
J7							828 kg			

APPROACH BRIDGE GIRDER SPLICE G3 J8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	SPL	PL	80* 9	320	70.65	1.81	2	SM490YA		LF-UO
8	SPL	PL	270* 9	320	70.65	6.10	49	SM490YA		LF-UI
1	SPL	PL	80* 9	320	70.65	1.81	2	SM490YA		LF-UO

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1	SPL	PL	2930* 9	320	70.65	66.2	66	SM490YA		LF-L
104		TCB	M 22* 70			0.523	54	S10T		LFLG
1	FILL	PL	2930* 2.3	160	18.06	8.47	8	SS400		
1	SPL	PL	2597* 9	620	70.65	114	114	SM490YA		LWEBO
1	SPL	PL	2597* 9	620	70.65	114	114	SM490YA		LWEBI
200		TCB	M 22* 70			0.523	105	S10T		LWEB
1	SPL	PL	2543* 9	620	70.65	111	111	SM490YA		RWEBI
1	SPL	PL	2543* 9	620	70.65	111	111	SM490YA		RWEBO
200		TCB	M 22* 70			0.523	105	S10T		RWEB
14	SPL	PL	100* 17	630	133.4	8.40	118	SM490YB		LRIB
56		TCB	M 22* 90			0.583	33	S10T		LRIB
							J8	992 kg		

APPROACH BRIDGE GIRDER SPLICE G3 J9										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	SPL	PL	80* 9	470	70.65	2.66	3	SM490YA		LF-UO
8	SPL	PL	270* 9	470	70.65	8.97	72	SM490YA		LF-UI
1	SPL	PL	80* 9	470	70.65	2.66	3	SM490YA		LF-UO
1	SPL	PL	2930* 9	470	70.65	97.3	97	SM490YA		LF-L
156		TCB	M 22* 70			0.523	82	S10T		LFLG
1	FILL	PL	2930* 2.3	235	18.06	12.4	12	SS400		
1	SPL	PL	2597* 9	620	70.65	114	114	SM490YA		LWEBO
1	SPL	PL	2597* 9	620	70.65	114	114	SM490YA		LWEBI
200		TCB	M 22* 70			0.523	105	S10T		LWEB
1	SPL	PL	2543* 9	620	70.65	111	111	SM490YA		RWEBI
1	SPL	PL	2543* 9	620	70.65	111	111	SM490YA		RWEBO
200		TCB	M 22* 70			0.523	105	S10T		RWEB
14	SPL	PL	100* 15	780	117.8	9.19	129	SM490YA		LRIB
70		TCB	M 22* 90			0.583	41	S10T		LRIB
14	FILL	PL	100* 2.3	380	18.06	0.686	10	SS400		
							J9	1109 kg		

APPROACH BRIDGE GIRDER SPLICE G3 J10										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	SPL	PL	80* 9	470	70.65	2.66	3	SM490YA		LF-UO
8	SPL	PL	270* 9	470	70.65	8.97	72	SM490YA		LF-UI
1	SPL	PL	80* 9	470	70.65	2.66	3	SM490YA		LF-UO
1	SPL	PL	2930* 9	470	70.65	97.3	97	SM490YA		LF-L
156		TCB	M 22* 70			0.523	82	S10T		LFLG
1	FILL	PL	2930* 2.3	235	18.06	12.4	12	SS400		

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1	SPL	PL	2597* 9	620	70.65	114	114	SM490YA		LWEBO
1	SPL	PL	2597* 9	620	70.65	114	114	SM490YA		LWEBI
200		TCB	M 22* 70			0.523	105	S10T		LWEB
1	SPL	PL	2543* 9	620	70.65	111	111	SM490YA		RWEBI
1	SPL	PL	2543* 9	620	70.65	111	111	SM490YA		RWEBO
200		TCB	M 22* 70			0.523	105	S10T		RWEB
14	SPL	PL	100* 15	780	117.8	9.19	129	SM490YA		LRIB
70		TCB	M 22* 90			0.583	41	S10T		LRIB
14	FILL	PL	100* 2.3	380	18.06	0.686	10	SS400		
J10										
1109 kg										

APPROACH BRIDGE GIRDER SPLICE G3 J11										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	SPL	PL	80* 9	320	70.65	1.81	2	SM490YA		LF-UO
8	SPL	PL	270* 9	320	70.65	6.10	49	SM490YA		LF-UI
1	SPL	PL	80* 9	320	70.65	1.81	2	SM490YA		LF-UO
1	SPL	PL	2930* 9	320	70.65	66.2	66	SM490YA		LF-L
104		TCB	M 22* 70			0.523	54	S10T		LFLG
1	FILL	PL	2930* 2.3	160	18.06	8.47	8	SS400		
1	SPL	PL	2597* 9	470	70.65	86.3	86	SM490YA		LWEBO
1	SPL	PL	2597* 9	470	70.65	86.3	86	SM490YA		LWEBI
150		TCB	M 22* 70			0.523	78	S10T		LWEB
1	SPL	PL	2543* 9	470	70.65	84.4	84	SM490YA		RWEBI
1	SPL	PL	2543* 9	470	70.65	84.4	84	SM490YA		RWEBO
150		TCB	M 22* 70			0.523	78	S10T		RWEB
14	SPL	PL	100* 15	630	117.8	7.42	104	SM490YA		LRIB
56		TCB	M 22* 85			0.568	32	S10T		LRIB
J11										
813 kg										

APPROACH BRIDGE GIRDER SPLICE G3 J12										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	SPL	PL	80* 9	320	70.65	1.81	2	SM490YA		LF-UO
8	SPL	PL	270* 9	320	70.65	6.10	49	SM490YA		LF-UI
1	SPL	PL	80* 9	320	70.65	1.81	2	SM490YA		LF-UO
1	SPL	PL	2930* 9	320	70.65	66.2	66	SM490YA		LF-L
104		TCB	M 22* 65			0.508	53	S10T		LFLG
1	SPL	PL	2597* 9	470	70.65	86.3	86	SM490YA		LWEBO
1	SPL	PL	2597* 9	470	70.65	86.3	86	SM490YA		LWEBI
150		TCB	M 22* 70			0.523	78	S10T		LWEB
1	SPL	PL	2543* 9	470	70.65	84.4	84	SM490YA		RWEBI

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1	SPL	PL	2543* 9	470	70.65	84.4	84	SM490YA		RWEBO
150		TCB	M 22* 70			0.523	78	S10T		RWEB
14	SPL	PL	100* 17	630	133.4	8.40	118	SM490YB		LRIB
56		TCB	M 22* 90			0.583	33	S10T		LRIB
J12							819 kg			

APPROACH BRIDGE GIRDER SPLICE G3 J13										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	SPL	PL	80* 9	320	70.65	1.81	2	SM490YA		LF-UO
8	SPL	PL	270* 9	320	70.65	6.10	49	SM490YA		LF-UI
1	SPL	PL	80* 9	320	70.65	1.81	2	SM490YA		LF-UO
1	SPL	PL	2930* 9	320	70.65	66.2	66	SM490YA		LF-L
104		TCB	M 22* 65			0.508	53	S10T		LFLG
1	SPL	PL	2597* 9	470	70.65	86.3	86	SM490YA		LWEBO
1	SPL	PL	2597* 9	470	70.65	86.3	86	SM490YA		LWEBI
150		TCB	M 22* 70			0.523	78	S10T		LWEB
1	SPL	PL	2543* 9	470	70.65	84.4	84	SM490YA		RWEBI
1	SPL	PL	2543* 9	470	70.65	84.4	84	SM490YA		RWEBO
150		TCB	M 22* 70			0.523	78	S10T		RWEB
14	SPL	PL	100* 17	630	133.4	8.40	118	SM490YB		LRIB
56		TCB	M 22* 90			0.583	33	S10T		LRIB
J13							819 kg			

APPROACH BRIDGE GIRDER SPLICE G3 J14										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	SPL	PL	80* 9	320	70.65	1.81	2	SM490YA		LF-UO
8	SPL	PL	270* 9	320	70.65	6.10	49	SM490YA		LF-UI
1	SPL	PL	80* 9	320	70.65	1.81	2	SM490YA		LF-UO
1	SPL	PL	2930* 9	320	70.65	66.2	66	SM490YA		LF-L
104		TCB	M 22* 65			0.508	53	S10T		LFLG
1	SPL	PL	2597* 9	470	70.65	86.3	86	SM490YA		LWEBO
1	SPL	PL	2597* 9	470	70.65	86.3	86	SM490YA		LWEBI
150		TCB	M 22* 70			0.523	78	S10T		LWEB
1	SPL	PL	2543* 9	470	70.65	84.4	84	SM490YA		RWEBI
1	SPL	PL	2543* 9	470	70.65	84.4	84	SM490YA		RWEBO
150		TCB	M 22* 70			0.523	78	S10T		RWEB
14	SPL	PL	100* 17	630	133.4	8.40	118	SM490YB		LRIB
56		TCB	M 22* 90			0.583	33	S10T		LRIB
J14							819 kg			

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APPROACH BRIDGE GIRDER SPLICE G3 J15											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	SPL	PL	80* 9	320	70.65	1.81	2	SM490YA		LF-UO	
8	SPL	PL	270* 9	320	70.65	6.10	49	SM490YA		LF-UI	
1	SPL	PL	80* 9	320	70.65	1.81	2	SM490YA		LF-UO	
1	SPL	PL	2930* 9	320	70.65	66.2	66	SM490YA		LF-L	
104		TCB	M 22* 65			0.508	53	S10T		LFLG	
1	SPL	PL	2597* 9	470	70.65	86.3	86	SM490YA		LWEBO	
1	SPL	PL	2597* 9	470	70.65	86.3	86	SM490YA		LWEBI	
150		TCB	M 22* 70			0.523	78	S10T		LWEB	
1	SPL	PL	2543* 9	470	70.65	84.4	84	SM490YA		RWEBI	
1	SPL	PL	2543* 9	470	70.65	84.4	84	SM490YA		RWEBO	
150		TCB	M 22* 70			0.523	78	S10T		RWEB	
14	SPL	PL	100* 17	630	133.4	8.40	118	SM490YB		LRIB	
56		TCB	M 22* 90			0.583	33	S10T		LRIB	
							J15				819 kg

APPROACH BRIDGE GIRDER SPLICE G3 J16											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	SPL	PL	80* 9	320	70.65	1.81	2	SM490YA		LF-UO	
8	SPL	PL	270* 9	320	70.65	6.10	49	SM490YA		LF-UI	
1	SPL	PL	80* 9	320	70.65	1.81	2	SM490YA		LF-UO	
1	SPL	PL	2930* 9	320	70.65	66.2	66	SM490YA		LF-L	
104		TCB	M 22* 65			0.508	53	S10T		LFLG	
1	SPL	PL	2597* 9	470	70.65	86.3	86	SM490YA		LWEBO	
1	SPL	PL	2597* 9	470	70.65	86.3	86	SM490YA		LWEBI	
150		TCB	M 22* 70			0.523	78	S10T		LWEB	
1	SPL	PL	2543* 9	470	70.65	84.4	84	SM490YA		RWEBI	
1	SPL	PL	2543* 9	470	70.65	84.4	84	SM490YA		RWEBO	
150		TCB	M 22* 70			0.523	78	S10T		RWEB	
14	SPL	PL	100* 17	630	133.4	8.40	118	SM490YB		LRIB	
56		TCB	M 22* 90			0.583	33	S10T		LRIB	
							J16				819 kg

APPROACH BRIDGE GIRDER SPLICE G3 J17										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	SPL	PL	80* 9	320	70.65	1.81	2	SM490YA		LF-UO
8	SPL	PL	270* 9	320	70.65	6.10	49	SM490YA		LF-UI

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1	SPL	PL	80* 9	320	70.65	1.81	2	SM490YA		LF-UO
1	SPL	PL	2930* 9	320	70.65	66.2	66	SM490YA		LF-L
104		TCB	M 22* 70			0.523	54	S10T		LFLG
1	FILL	PL	2930* 4.5	160	35.32	16.6	17	SS400		
1	SPL	PL	2597* 9	470	70.65	86.3	86	SM490YA		LWEBO
1	SPL	PL	2597* 9	470	70.65	86.3	86	SM490YA		LWEBI
150		TCB	M 22* 70			0.523	78	S10T		LWEB
1	SPL	PL	2543* 9	470	70.65	84.4	84	SM490YA		RWEBI
1	SPL	PL	2543* 9	470	70.65	84.4	84	SM490YA		RWEBO
150		TCB	M 22* 70			0.523	78	S10T		RWEB
14	SPL	PL	100* 15	630	117.8	7.42	104	SM490YA		LRIB
56		TCB	M 22* 85			0.568	32	S10T		LRIB
J17										822 kg

APPROACH BRIDGE GIRDER SPLICE G3 J18										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	SPL	PL	80* 9	470	70.65	2.66	3	SM490YA		LF-UO
8	SPL	PL	270* 9	470	70.65	8.97	72	SM490YA		LF-UI
1	SPL	PL	80* 9	470	70.65	2.66	3	SM490YA		LF-UO
1	SPL	PL	2930* 9	470	70.65	97.3	97	SM490YA		LF-L
156		TCB	M 22* 75			0.538	84	S10T		LFLG
1	FILL	PL	2930* 6	235	47.10	32.4	32	SS400		
1	SPL	PL	2597* 9	620	70.65	114	114	SM490YA		LWEBO
1	SPL	PL	2597* 9	620	70.65	114	114	SM490YA		LWEBI
200		TCB	M 22* 70			0.523	105	S10T		LWEB
1	SPL	PL	2543* 9	620	70.65	111	111	SM490YA		RWEBI
1	SPL	PL	2543* 9	620	70.65	111	111	SM490YA		RWEBO
200		TCB	M 22* 70			0.523	105	S10T		RWEB
14	SPL	PL	100* 15	930	117.8	11.0	154	SM490YA		LRIB
84		TCB	M 22* 90			0.583	49	S10T		LRIB
14	FILL	PL	100* 2.3	455	18.06	0.822	12	SS400		
J18										1166 kg

APPROACH BRIDGE GIRDER SPLICE G3 J19										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	SPL	PL	80* 14	698	109.9	6.14	6	SM490YA		LF-UO
8	SPL	PL	270* 14	698	109.9	20.7	166	SM490YA		LF-UI
1	SPL	PL	80* 14	698	109.9	6.14	6	SM490YA		LF-UO
1	SPL	PL	2930* 11	698	86.35	177	177	SM490YA		LF-L
260		TCB	M 22* 90			0.583	152	S10T		LFLG

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1	FILL	PL	2930* 6	349	47.10	48.2	48	SS400		
1	SPL	PL	2597* 9	620	70.65	114	114	SM490YA		LWEBO
1	SPL	PL	2597* 9	620	70.65	114	114	SM490YA		LWEBI
200		TCB	M 22* 70			0.523	105	S10T		LWEB
1	SPL	PL	2543* 9	620	70.65	111	111	SM490YA		RWEBI
1	SPL	PL	2543* 9	620	70.65	111	111	SM490YA		RWEBO
200		TCB	M 22* 70			0.523	105	S10T		RWEB
14	SPL	PL	120* 19	1060	149.2	19.0	266	SM490YB		LRIB
126		TCB	M 22* 95			0.598	75	S10T		LRIB
J19										
1556 kg										

APPROACH BRIDGE GIRDER SPLICE G3 J20										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	SPL	PL	80* 13	698	102.0	5.70	6	SM490YA		LF-UO
8	SPL	PL	270* 13	698	102.0	19.2	154	SM490YA		LF-UI
1	SPL	PL	80* 13	698	102.0	5.70	6	SM490YA		LF-UO
1	SPL	PL	2930* 11	698	86.35	177	177	SM490YA		LF-L
260		TCB	M 22* 90			0.583	152	S10T		LFLG
1	FILL	PL	2930* 8	349	62.80	64.2	64	SS400		
1	SPL	PL	2597* 9	620	70.65	114	114	SM490YA		LWEBO
1	SPL	PL	2597* 9	620	70.65	114	114	SM490YA		LWEBI
200		TCB	M 22* 70			0.523	105	S10T		LWEB
1	SPL	PL	2543* 9	620	70.65	111	111	SM490YA		RWEBI
1	SPL	PL	2543* 9	620	70.65	111	111	SM490YA		RWEBO
200		TCB	M 22* 70			0.523	105	S10T		RWEB
14	SPL	PL	120* 19	1060	149.2	19.0	266	SM490YB		LRIB
126		TCB	M 22* 95			0.598	75	S10T		LRIB
J20										
1560 kg										

APPROACH BRIDGE GIRDER SPLICE G3 J21										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	SPL	PL	80* 9	470	70.65	2.66	3	SM490YA		LF-UO
8	SPL	PL	270* 9	470	70.65	8.97	72	SM490YA		LF-UI
1	SPL	PL	80* 9	470	70.65	2.66	3	SM490YA		LF-UO
1	SPL	PL	2930* 9	470	70.65	97.3	97	SM490YA		LF-L
156		TCB	M 22* 75			0.538	84	S10T		LFLG
1	FILL	PL	2930* 8	235	62.80	43.2	43	SS400		
1	SPL	PL	2597* 9	620	70.65	114	114	SM490YA		LWEBO
1	SPL	PL	2597* 9	620	70.65	114	114	SM490YA		LWEBI
200		TCB	M 22* 70			0.523	105	S10T		LWEB

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1	SPL	PL	2543* 9	620	70.65	111	111	SM490YA		RWEBI
1	SPL	PL	2543* 9	620	70.65	111	111	SM490YA		RWEBO
200		TCB	M 22* 70			0.523	105	S10T		RWEB
14	SPL	PL	100* 15	780	117.8	9.19	129	SM490YA		LRIB
70		TCB	M 22* 90			0.583	41	S10T		LRIB
14	FILL	PL	100* 2.3	380	18.06	0.686	10	SS400		
J21										
1142 kg										

APPROACH BRIDGE GIRDER SPLICE G3 J22										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	SPL	PL	80* 9	320	70.65	1.81	2	SM490YA		LF-UO
8	SPL	PL	270* 9	320	70.65	6.10	49	SM490YA		LF-UI
1	SPL	PL	80* 9	320	70.65	1.81	2	SM490YA		LF-UO
1	SPL	PL	2930* 9	320	70.65	66.2	66	SM490YA		LF-L
104		TCB	M 22* 70			0.523	54	S10T		LFLG
1	FILL	PL	2930* 2.3	160	18.06	8.47	8	SS400		
1	SPL	PL	2597* 9	620	70.65	114	114	SM490YA		LWEBO
1	SPL	PL	2597* 9	620	70.65	114	114	SM490YA		LWEBI
200		TCB	M 22* 70			0.523	105	S10T		LWEB
1	SPL	PL	2543* 9	620	70.65	111	111	SM490YA		RWEBI
1	SPL	PL	2543* 9	620	70.65	111	111	SM490YA		RWEBO
200		TCB	M 22* 70			0.523	105	S10T		RWEB
14	SPL	PL	100* 17	630	133.4	8.40	118	SM490YB		LRIB
56		TCB	M 22* 90			0.583	33	S10T		LRIB
J22										
992 kg										

APPROACH BRIDGE GIRDER SPLICE G3 J23										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	SPL	PL	80* 9	320	70.65	1.81	2	SM490YA		LF-UO
4	SPL	PL	614* 9	320	70.65	13.9	56	SM490YA		LF-UI
1	SPL	PL	80* 9	320	70.65	1.81	2	SM490YA		LF-UO
1	SPL	PL	2930* 9	320	70.65	66.2	66	SM490YA		LF-L
120		TCB	M 22* 70			0.523	63	S10T		LFLG
1	FILL	PL	2930* 6	160	47.10	22.1	22	SS400		
1	SPL	PL	2597* 9	470	70.65	86.3	86	SM490YA		LWEBO
1	SPL	PL	2597* 9	470	70.65	86.3	86	SM490YA		LWEBI
150		TCB	M 22* 70			0.523	78	S10T		LWEB
1	SPL	PL	2543* 9	470	70.65	84.4	84	SM490YA		RWEBI
1	SPL	PL	2543* 9	470	70.65	84.4	84	SM490YA		RWEBO
150		TCB	M 22* 70			0.523	78	S10T		RWEB

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6	SPL	PL	100* 17	630	133.4	8.40	50	SM490YB		LRIB
24		TCB	M 22* 90			0.583	14	S10T		LRIB
J23							771 kg			

APPROACH BRIDGE GIRDER SPLICE G3 J24										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	SPL	PL	80* 11	620	86.35	4.28	4	SM490YA		LF-UO
4	SPL	PL	614* 11	620	86.35	32.9	132	SM490YA		LF-UI
1	SPL	PL	80* 11	620	86.35	4.28	4	SM490YA		LF-UO
1	SPL	PL	2930* 10	620	78.50	143	143	SM490YA		LF-L
216		TCB	M 22* 85			0.568	123	S10T		LFLG
1	FILL	PL	2930* 9	310	70.65	64.2	64	SS400		
1	SPL	PL	2597* 9	620	70.65	114	114	SM490YA		LWEBO
1	SPL	PL	2597* 9	620	70.65	114	114	SM490YA		LWEBI
200		TCB	M 22* 70			0.523	105	S10T		LWEB
1	SPL	PL	2543* 9	620	70.65	111	111	SM490YA		RWEBI
1	SPL	PL	2543* 9	620	70.65	111	111	SM490YA		RWEBO
200		TCB	M 22* 70			0.523	105	S10T		RWEB
6	SPL	PL	100* 17	930	133.4	12.4	74	SM490YB		LRIB
36		TCB	M 22* 95			0.598	22	S10T		LRIB
6	FILL	PL	100* 2.3	455	18.06	0.822	5	SS400		
J24							1231 kg			

APPROACH BRIDGE GIRDER SPLICE G3 J25										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	SPL	PL	80* 17	770	133.4	8.22	8	SM490YB		LF-UO
4	SPL	PL	614* 17	770	133.4	63.1	252	SM490YB		LF-UI
1	SPL	PL	80* 17	770	133.4	8.22	8	SM490YB		LF-UO
1	SPL	PL	2930* 15	770	117.8	266	266	SM490YA		LF-L
276		TCB	M 22* 100			0.613	169	S10T		LFLG
1	FILL	PL	2930* 6	385	47.10	53.1	53	SS400		
1	SPL	PL	2597* 9	620	70.65	114	114	SM490YA		LWEBO
1	SPL	PL	2597* 9	620	70.65	114	114	SM490YA		LWEBI
200		TCB	M 22* 70			0.523	105	S10T		LWEB
1	SPL	PL	2543* 9	620	70.65	111	111	SM490YA		RWEBI
1	SPL	PL	2543* 9	620	70.65	111	111	SM490YA		RWEBO
200		TCB	M 22* 70			0.523	105	S10T		RWEB
6	SPL	PL	120* 21	1090	164.8	21.6	130	SM490YB		LRIB
48		TCB	M 22* 100			0.613	29	S10T		LRIB

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J25	1575 kg
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APPROACH BRIDGE GIRDER SPLICE G3 J26										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	SPL	PL	80* 22	830	172.7	11.5	12	SM490YB		LF-UO
4	SPL	PL	614* 22	830	172.7	88.0	352	SM490YB		LF-UI
1	SPL	PL	80* 22	830	172.7	11.5	12	SM490YB		LF-UO
1	SPL	PL	2930* 19	830	149.2	363	363	SM490YB		LF-L
336		TCB	M 22* 115			0.658	221	S10T		LFLG
1	FILL	PL	2930* 4.5	415	35.32	42.9	43	SS400		
1	SPL	PL	2597* 9	620	70.65	114	114	SM490YA		LWEBO
1	SPL	PL	2597* 9	620	70.65	114	114	SM490YA		LWEBI
200		TCB	M 22* 70			0.523	105	S10T		LWEB
1	SPL	PL	2543* 9	620	70.65	111	111	SM490YA		RWEBI
1	SPL	PL	2543* 9	620	70.65	111	111	SM490YA		RWEBO
200		TCB	M 22* 70			0.523	105	S10T		RWEB
6	SPL	PL	120* 21	1220	164.8	24.1	145	SM490YB		LRIB
54		TCB	M 22* 100			0.613	33	S10T		LRIB
J26										
1841 kg										

APPROACH BRIDGE GIRDER SPLICE G3 J27										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	SPL	PL	80* 24	962	188.4	14.5	14	SM490YB		LF-UO
4	SPL	PL	614* 24	962	188.4	111	444	SM490YB		LF-UI
1	SPL	PL	80* 24	962	188.4	14.5	14	SM490YB		LF-UO
1	SPL	PL	2930* 20	962	157.0	443	443	SM490YB		LF-L
396		TCB	M 22* 115			0.658	261	S10T		LFLG
1	SPL	PL	2597* 9	620	70.65	114	114	SM490YA		LWEBO
1	SPL	PL	2597* 9	620	70.65	114	114	SM490YA		LWEBI
200		TCB	M 22* 70			0.523	105	S10T		LWEB
1	SPL	PL	2543* 9	620	70.65	111	111	SM490YA		RWEBI
1	SPL	PL	2543* 9	620	70.65	111	111	SM490YA		RWEBO
200		TCB	M 22* 70			0.523	105	S10T		RWEB
6	SPL	PL	120* 21	1090	164.8	21.6	130	SM490YB		LRIB
48		TCB	M 22* 100			0.613	29	S10T		LRIB
J27										
1995 kg										

APPROACH BRIDGE GIRDER SPLICE G3 J28										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks

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1	SPL	PL	80* 24	962	188.4	14.5	14	SM490YB		LF-UO
4	SPL	PL	614* 24	962	188.4	111	444	SM490YB		LF-UI
1	SPL	PL	80* 24	962	188.4	14.5	14	SM490YB		LF-UO
1	SPL	PL	2930* 21	962	164.8	465	465	SM490YB		LF-L
396		TCB	M 22* 120			0.673	267	S10T		LFLG
1	SPL	PL	2597* 9	620	70.65	114	114	SM490YA		LWEBO
1	SPL	PL	2597* 9	620	70.65	114	114	SM490YA		LWEBI
200		TCB	M 22* 70			0.523	105	S10T		LWEB
1	SPL	PL	2543* 9	620	70.65	111	111	SM490YA		RWEBI
1	SPL	PL	2543* 9	620	70.65	111	111	SM490YA		RWEBO
200		TCB	M 22* 70			0.523	105	S10T		RWEB
6	SPL	PL	120* 22	1060	172.7	22.0	132	SM490YB		LRIB
54		TCB	M 22* 105			0.628	34	S10T		LRIB
J28										2030 kg

APPROACH BRIDGE GIRDER SPLICE G3 J29										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	SPL	PL	80* 22	962	172.7	13.3	13	SM490YB		LF-UO
4	SPL	PL	614* 22	962	172.7	102	408	SM490YB		LF-UI
1	SPL	PL	80* 22	962	172.7	13.3	13	SM490YB		LF-UO
1	SPL	PL	2930* 19	962	149.2	421	421	SM490YB		LF-L
396		TCB	M 22* 115			0.658	261	S10T		LFLG
1	FILL	PL	2930* 2.3	481	18.06	25.4	25	SS400		
1	SPL	PL	2597* 9	620	70.65	114	114	SM490YA		LWEBO
1	SPL	PL	2597* 9	620	70.65	114	114	SM490YA		LWEBI
200		TCB	M 22* 70			0.523	105	S10T		LWEB
1	SPL	PL	2543* 9	620	70.65	111	111	SM490YA		RWEBI
1	SPL	PL	2543* 9	620	70.65	111	111	SM490YA		RWEBO
200		TCB	M 22* 70			0.523	105	S10T		RWEB
6	SPL	PL	120* 21	1090	164.8	21.6	130	SM490YB		LRIB
48		TCB	M 22* 100			0.613	29	S10T		LRIB
J29										1960 kg

APPROACH BRIDGE GIRDER SPLICE G3 J30										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	SPL	PL	80* 18	920	141.3	10.4	10	SM490YB		LF-UO
4	SPL	PL	614* 18	920	141.3	79.8	319	SM490YB		LF-UI
1	SPL	PL	80* 18	920	141.3	10.4	10	SM490YB		LF-UO
1	SPL	PL	2930* 16	920	125.6	339	339	SM490YA		LF-L
336		TCB	M 22* 105			0.628	211	S10T		LFLG

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1	FILL	PL	2930* 6	460	47.10	63.5	64	SS400		
1	SPL	PL	2597* 9	620	70.65	114	114	SM490YA		LWEBO
1	SPL	PL	2597* 9	620	70.65	114	114	SM490YA		LWEBI
200		TCB	M 22* 70			0.523	105	S10T		LWEB
1	SPL	PL	2543* 9	620	70.65	111	111	SM490YA		RWEBI
1	SPL	PL	2543* 9	620	70.65	111	111	SM490YA		RWEBO
200		TCB	M 22* 70			0.523	105	S10T		RWEB
6	SPL	PL	120* 21	1090	164.8	21.6	130	SM490YB		LRIB
48		TCB	M 22* 100			0.613	29	S10T		LRIB
J30										
1772 kg										

APPROACH BRIDGE GIRDER SPLICE G3 J31										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	SPL	PL	80* 12	620	94.20	4.67	5	SM490YA		LF-UO
4	SPL	PL	614* 12	620	94.20	35.9	144	SM490YA		LF-UI
1	SPL	PL	80* 12	620	94.20	4.67	5	SM490YA		LF-UO
1	SPL	PL	2930* 10	620	78.50	143	143	SM490YA		LF-L
216		TCB	M 22* 85			0.568	123	S10T		LFLG
1	FILL	PL	2930* 10	310	78.50	71.3	71	SS400		
1	SPL	PL	2597* 9	620	70.65	114	114	SM490YA		LWEBO
1	SPL	PL	2597* 9	620	70.65	114	114	SM490YA		LWEBI
200		TCB	M 22* 70			0.523	105	S10T		LWEB
1	SPL	PL	2543* 9	620	70.65	111	111	SM490YA		RWEBI
1	SPL	PL	2543* 9	620	70.65	111	111	SM490YA		RWEBO
200		TCB	M 22* 70			0.523	105	S10T		RWEB
6	SPL	PL	100* 17	930	133.4	12.4	74	SM490YB		LRIB
36		TCB	M 22* 95			0.598	22	S10T		LRIB
6	FILL	PL	100* 2.3	455	18.06	0.822	5	SS400		
J31										
1252 kg										

APPROACH BRIDGE GIRDER SPLICE G3 J32										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	SPL	PL	80* 9	320	70.65	1.81	2	SM490YA		LF-UO
4	SPL	PL	614* 9	320	70.65	13.9	56	SM490YA		LF-UI
1	SPL	PL	80* 9	320	70.65	1.81	2	SM490YA		LF-UO
1	SPL	PL	2930* 9	320	70.65	66.2	66	SM490YA		LF-L
120		TCB	M 22* 70			0.523	63	S10T		LFLG
1	FILL	PL	2930* 6	160	47.10	22.1	22	SS400		
1	SPL	PL	2597* 9	620	70.65	114	114	SM490YA		LWEBO
1	SPL	PL	2597* 9	620	70.65	114	114	SM490YA		LWEBI

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200		TCB	M 22* 70			0.523	105	S10T		LWEB
1	SPL	PL	2543* 9	620	70.65	111	111	SM490YA		RWEBI
1	SPL	PL	2543* 9	620	70.65	111	111	SM490YA		RWEBO
200		TCB	M 22* 70			0.523	105	S10T		RWEB
6	SPL	PL	100* 17	630	133.4	8.40	50	SM490YB		LRIB
24		TCB	M 22* 90			0.583	14	S10T		LRIB
J32										935 kg
G3										38045 kg

APPROACH BRIDGE GIRDER SPLICE G4 J1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	SPL	PL	80* 9	470	70.65	2.66	3	SM490YA		LF-UO
3	SPL	PL	440* 9	470	70.65	14.6	44	SM490YA		LF-UI
1	SPL	PL	80* 9	470	70.65	2.66	3	SM490YA		LF-UO
1	SPL	PL	1730* 9	470	70.65	57.4	57	SM490YA		LF-L
96		TCB	M 22* 85			0.568	55	S10T		LFLG
6		HTB	M 22* 90			0.615	4	F10T		LFLG
1	FILL	PL	1730* 14	235	109.9	44.7	45	SS400		
1	SPL	PL	2593* 9	620	70.65	114	114	SM490YA		LWEBO
1	SPL	PL	2593* 9	620	70.65	114	114	SM490YA		LWEBI
200		TCB	M 22* 70			0.523	105	S10T		LWEB
1	SPL	PL	2884* 9	620	70.65	126	126	SM490YA		RWEBI
1	SPL	PL	2884* 9	620	70.65	126	126	SM490YA		RWEBO
192		TCB	M 22* 70			0.523	100	S10T		RWEB
32		HTB	M 22* 75			0.57	18	F10T		RWEB
4	SPL	PL	100* 17	780	133.4	10.4	42	SM490YB		LRIB
20		TCB	M 22* 95			0.598	12	S10T		LRIB
4	FILL	PL	100* 2.3	380	18.06	0.686	3	SS400		
J1										971 kg

APPROACH BRIDGE GIRDER SPLICE G4 J2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	SPL	PL	80* 20	920	157.0	11.6	12	SM490YB		LF-UO
3	SPL	PL	440* 20	920	157.0	63.6	191	SM490YB		LF-UI
1	SPL	PL	80* 20	920	157.0	11.6	12	SM490YB		LF-UO
1	SPL	PL	1730* 16	920	125.6	200	200	SM490YA		LF-L
180		TCB	M 22* 115			0.658	118	S10T		LFLG
12		HTB	M 22* 120			0.704	8	F10T		LFLG
1	FILL	PL	1730* 13	460	102.0	81.2	81	SS400		

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1	SPL	PL	2593* 9	620	70.65	114	114	SM490YA		LWEBO
1	SPL	PL	2593* 9	620	70.65	114	114	SM490YA		LWEBI
200		TCB	M 22* 70			0.523	105	S10T		LWEB
1	SPL	PL	2884* 9	620	70.65	126	126	SM490YA		RWEBI
1	SPL	PL	2884* 9	620	70.65	126	126	SM490YA		RWEBO
192		TCB	M 22* 70			0.523	100	S10T		RWEB
32		HTB	M 22* 75			0.57	18	F10T		RWEB
4	SPL	PL	120* 21	1090	164.8	21.6	86	SM490YB		LRIB
32		TCB	M 22* 100			0.613	20	S10T		LRIB
J2										
1431 kg										

APPROACH BRIDGE GIRDER SPLICE G4 J3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	SPL	PL	80* 28	1094	219.8	19.2	19	SM490YB		LF-UO
3	SPL	PL	440* 28	1094	219.8	106	318	SM490YB		LF-UI
1	SPL	PL	80* 28	1094	219.8	19.2	19	SM490YB		LF-UO
1	SPL	PL	1730* 23	1094	180.6	342	342	SM490YB		LF-L
244		TCB	M 22* 135			0.718	175	S10T		LFLG
16		HTB	M 22* 140			0.764	12	F10T		LFLG
1	FILL	PL	1730* 4.5	547	35.32	33.4	33	SS400		
1	SPL	PL	2594* 9	620	70.65	114	114	SM490YA		LWEBO
1	SPL	PL	2594* 9	620	70.65	114	114	SM490YA		LWEBI
200		TCB	M 22* 70			0.523	105	S10T		LWEB
1	SPL	PL	2884* 9	620	70.65	126	126	SM490YA		RWEBI
1	SPL	PL	2884* 9	620	70.65	126	126	SM490YA		RWEBO
192		TCB	M 22* 70			0.523	100	S10T		RWEB
32		HTB	M 22* 75			0.57	18	F10T		RWEB
4	SPL	PL	120* 21	1090	164.8	21.6	86	SM490YB		LRIB
32		TCB	M 22* 100			0.613	20	S10T		LRIB
J3										
1727 kg										

APPROACH BRIDGE GIRDER SPLICE G4 J4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	SPL	PL	80* 31	1226	243.4	23.9	24	SM490YB		LF-UO
3	SPL	PL	440* 31	1226	243.4	131	393	SM490YB		LF-UI
1	SPL	PL	80* 31	1226	243.4	23.9	24	SM490YB		LF-UO
1	SPL	PL	1730* 25	1226	196.2	416	416	SM490YB		LF-L
276		TCB	M 22* 140			0.733	202	S10T		LFLG
18		HTB	M 22* 145			0.779	14	F10T		LFLG
1	SPL	PL	2594* 9	620	70.65	114	114	SM490YA		LWEBO

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1	SPL	PL	2594* 9	620	70.65	114	114	SM490YA		LWEBI
200		TCB	M 22* 70			0.523	105	S10T		LWEB
1	SPL	PL	2884* 9	620	70.65	126	126	SM490YA		RWEBI
1	SPL	PL	2884* 9	620	70.65	126	126	SM490YA		RWEBO
192		TCB	M 22* 70			0.523	100	S10T		RWEB
32		HTB	M 22* 75			0.57	18	F10T		RWEB
4	SPL	PL	120* 22	1060	172.7	22.0	88	SM490YB		LRIB
36		TCB	M 22* 105			0.628	23	S10T		LRIB
J4										1887 kg

APPROACH BRIDGE GIRDER SPLICE G4 J5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	SPL	PL	80* 28	1094	219.8	19.2	19	SM490YB		LF-UO
3	SPL	PL	440* 28	1094	219.8	106	318	SM490YB		LF-UI
1	SPL	PL	80* 28	1094	219.8	19.2	19	SM490YB		LF-UO
1	SPL	PL	1730* 23	1094	180.6	342	342	SM490YB		LF-L
244		TCB	M 22* 135			0.718	175	S10T		LFLG
16		HTB	M 22* 140			0.764	12	F10T		LFLG
1	FILL	PL	1730* 4.5	547	35.32	33.4	33	SS400		
1	SPL	PL	2594* 9	620	70.65	114	114	SM490YA		LWEBO
1	SPL	PL	2594* 9	620	70.65	114	114	SM490YA		LWEBI
200		TCB	M 22* 70			0.523	105	S10T		LWEB
1	SPL	PL	2883* 9	620	70.65	126	126	SM490YA		RWEBI
1	SPL	PL	2883* 9	620	70.65	126	126	SM490YA		RWEBO
192		TCB	M 22* 70			0.523	100	S10T		RWEB
32		HTB	M 22* 75			0.57	18	F10T		RWEB
4	SPL	PL	120* 21	1090	164.8	21.6	86	SM490YB		LRIB
32		TCB	M 22* 100			0.613	20	S10T		LRIB
J5										1727 kg

APPROACH BRIDGE GIRDER SPLICE G4 J6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	SPL	PL	80* 19	920	149.2	11.0	11	SM490YB		LF-UO
3	SPL	PL	440* 19	920	149.2	60.4	181	SM490YB		LF-UI
1	SPL	PL	80* 19	920	149.2	11.0	11	SM490YB		LF-UO
1	SPL	PL	1730* 15	920	117.8	188	188	SM490YA		LF-L
180		TCB	M 22* 110			0.643	116	S10T		LFLG
12		HTB	M 22* 115			0.689	8	F10T		LFLG
1	FILL	PL	1730* 14	460	109.9	87.5	88	SS400		
1	SPL	PL	2594* 9	770	70.65	141	141	SM490YA		LWEBO

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1	SPL	PL	2594* 9	770	70.65	141	141	SM490YA		LWEBI
250		TCB	M 22* 70			0.523	131	S10T		LWEB
1	SPL	PL	2883* 9	770	70.65	157	157	SM490YA		RWEBI
1	SPL	PL	2883* 9	770	70.65	157	157	SM490YA		RWEBO
240		TCB	M 22* 70			0.523	126	S10T		RWEB
40		HTB	M 22* 75			0.57	23	F10T		RWEB
4	SPL	PL	120* 21	1090	164.8	21.6	86	SM490YB		LRIB
32		TCB	M 22* 100			0.613	20	S10T		LRIB
J6										1585 kg

APPROACH BRIDGE GIRDER SPLICE G4 J7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	SPL	PL	80* 10	470	78.50	2.95	3	SM490YA		LF-UO
6	SPL	PL	190* 10	470	78.50	7.01	42	SM490YA		LF-UI
1	SPL	PL	80* 10	470	78.50	2.95	3	SM490YA		LF-UO
1	SPL	PL	1730* 9	470	70.65	57.4	57	SM490YA		LF-L
78		TCB	M 22* 80			0.553	43	S10T		LFLG
6		HTB	M 22* 85			0.6	4	F10T		LFLG
1	FILL	PL	1730* 13	235	102.0	41.5	42	SS400		
1	SPL	PL	2594* 9	620	70.65	114	114	SM490YA		LWEBO
1	SPL	PL	2594* 9	620	70.65	114	114	SM490YA		LWEBI
200		TCB	M 22* 70			0.523	105	S10T		LWEB
1	SPL	PL	2883* 9	620	70.65	126	126	SM490YA		RWEBI
1	SPL	PL	2883* 9	620	70.65	126	126	SM490YA		RWEBO
192		TCB	M 22* 70			0.523	100	S10T		RWEB
32		HTB	M 22* 75			0.57	18	F10T		RWEB
10	SPL	PL	100* 17	630	133.4	8.40	84	SM490YB		LRIB
40		TCB	M 22* 95			0.598	24	S10T		LRIB
10	FILL	PL	100* 2.3	305	18.06	0.551	6	SS400		
J7										1011 kg

APPROACH BRIDGE GIRDER SPLICE G4 J8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	SPL	PL	80* 10	470	78.50	2.95	3	SM490YA		LF-UO
6	SPL	PL	190* 10	470	78.50	7.01	42	SM490YA		LF-UI
1	SPL	PL	80* 10	470	78.50	2.95	3	SM490YA		LF-UO
1	SPL	PL	1730* 9	470	70.65	57.4	57	SM490YA		LF-L
78		TCB	M 22* 70			0.523	41	S10T		LFLG
6		HTB	M 22* 75			0.57	3	F10T		LFLG
1	FILL	PL	1730* 2.3	235	18.06	7.34	7	SS400		

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1	SPL	PL	2594* 9	620	70.65	114	114	SM490YA		LWEBO
1	SPL	PL	2594* 9	620	70.65	114	114	SM490YA		LWEBI
200		TCB	M 22* 75			0.538	108	S10T		LWEB
1	FILL	PL	2594* 2.3	310	18.06	14.5	14	SS400		
1	SPL	PL	2883* 9	620	70.65	126	126	SM490YA		RWEBI
1	SPL	PL	2883* 9	620	70.65	126	126	SM490YA		RWEBO
192		TCB	M 22* 75			0.538	103	S10T		RWEB
32		HTB	M 22* 80			0.585	19	F10T		RWEB
1	FILL	PL	2883* 2.3	310	18.06	16.1	16	SS400		
10	SPL	PL	100* 17	780	133.4	10.4	104	SM490YB		LRIB
50		TCB	M 22* 90			0.583	29	S10T		LRIB
J8										1029 kg

APPROACH BRIDGE GIRDER SPLICE G4 J9										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	SPL	PL	80* 11	620	86.35	4.28	4	SM490YA		LF-UO
6	SPL	PL	190* 11	620	86.35	10.2	61	SM490YA		LF-UI
1	SPL	PL	80* 11	620	86.35	4.28	4	SM490YA		LF-UO
1	SPL	PL	1730* 9	620	70.65	75.8	76	SM490YA		LF-L
104		TCB	M 22* 80			0.553	58	S10T		LFLG
8		HTB	M 22* 85			0.6	5	F10T		LFLG
1	FILL	PL	1730* 10	310	78.50	42.1	42	SS400		
1	SPL	PL	2594* 10	920	78.50	187	187	SM490YA		LWEBO
1	SPL	PL	2594* 10	920	78.50	187	187	SM490YA		LWEBI
300		TCB	M 22* 75			0.538	161	S10T		LWEB
1	SPL	PL	2883* 10	920	78.50	208	208	SM490YA		RWEBI
1	SPL	PL	2883* 10	920	78.50	208	208	SM490YA		RWEBO
288		TCB	M 22* 75			0.538	155	S10T		RWEB
48		HTB	M 22* 80			0.585	28	F10T		RWEB
10	SPL	PL	100* 15	930	117.8	11.0	110	SM490YA		LRIB
60		TCB	M 22* 90			0.583	35	S10T		LRIB
10	FILL	PL	100* 2.3	455	18.06	0.822	8	SS400		
J9										1537 kg

APPROACH BRIDGE GIRDER SPLICE G4 J10										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	SPL	PL	80* 11	620	86.35	4.28	4	SM490YA		LF-UO
6	SPL	PL	190* 11	620	86.35	10.2	61	SM490YA		LF-UI
1	SPL	PL	80* 11	620	86.35	4.28	4	SM490YA		LF-UO
1	SPL	PL	1730* 9	620	70.65	75.8	76	SM490YA		LF-L

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104		TCB	M 22* 80			0.553	58	S10T		LFLG
8		HTB	M 22* 85			0.6	5	F10T		LFLG
1	FILL	PL	1730* 10	310	78.50	42.1	42	SS400		
1	SPL	PL	2595* 10	770	78.50	157	157	SM490YA		LWEBO
1	SPL	PL	2595* 10	770	78.50	157	157	SM490YA		LWEBI
250		TCB	M 22* 75			0.538	134	S10T		LWEB
1	SPL	PL	2883* 10	770	78.50	174	174	SM490YA		RWEBI
1	SPL	PL	2883* 10	770	78.50	174	174	SM490YA		RWEBO
240		TCB	M 22* 75			0.538	129	S10T		RWEB
40		HTB	M 22* 80			0.585	23	F10T		RWEB
10	SPL	PL	120* 19	1060	149.2	19.0	190	SM490YB		LRIB
90		TCB	M 22* 95			0.598	54	S10T		LRIB
J10										1442 kg

APPROACH BRIDGE GIRDER SPLICE G4 J11										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	SPL	PL	80* 9	320	70.65	1.81	2	SM490YA		LF-UO
6	SPL	PL	190* 9	320	70.65	4.30	26	SM490YA		LF-UI
1	SPL	PL	80* 9	320	70.65	1.81	2	SM490YA		LF-UO
1	SPL	PL	1730* 9	320	70.65	39.1	39	SM490YA		LF-L
52		TCB	M 22* 70			0.523	27	S10T		LFLG
4		HTB	M 22* 75			0.57	2	F10T		LFLG
1	FILL	PL	1730* 4.5	160	35.32	9.78	10	SS400		
1	SPL	PL	2595* 9	620	70.65	114	114	SM490YA		LWEBO
1	SPL	PL	2595* 9	620	70.65	114	114	SM490YA		LWEBI
200		TCB	M 22* 75			0.538	108	S10T		LWEB
1	FILL	PL	2595* 2.3	310	18.06	14.5	14	SS400		
1	SPL	PL	2883* 9	620	70.65	126	126	SM490YA		RWEBI
1	SPL	PL	2883* 9	620	70.65	126	126	SM490YA		RWEBO
192		TCB	M 22* 75			0.538	103	S10T		RWEB
32		HTB	M 22* 80			0.585	19	F10T		RWEB
1	FILL	PL	2883* 2.3	310	18.06	16.1	16	SS400		
10	SPL	PL	100* 15	630	117.8	7.42	74	SM490YA		LRIB
40		TCB	M 22* 90			0.583	23	S10T		LRIB
10	FILL	PL	100* 2.3	305	18.06	0.551	6	SS400		
J11										951 kg

APPROACH BRIDGE GIRDER SPLICE G4 J12										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	SPL	PL	80* 9	320	70.65	1.81	2	SM490YA		LF-UO

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6	SPL	PL	190* 9	320	70.65	4.30	26	SM490YA		LF-UI	
1	SPL	PL	80* 9	320	70.65	1.81	2	SM490YA		LF-UO	
1	SPL	PL	1730* 9	320	70.65	39.1	39	SM490YA		LF-L	
52		TCB	M 22* 65			0.508	26	S10T		LFLG	
4		HTB	M 22* 70			0.555	2	F10T		LFLG	
1	SPL	PL	2595* 9	620	70.65	114	114	SM490YA		LWEBO	
1	SPL	PL	2595* 9	620	70.65	114	114	SM490YA		LWEBI	
200		TCB	M 22* 70			0.523	105	S10T		LWEB	
1	SPL	PL	2883* 9	620	70.65	126	126	SM490YA		RWEBI	
1	SPL	PL	2883* 9	620	70.65	126	126	SM490YA		RWEBO	
192		TCB	M 22* 70			0.523	100	S10T		RWEB	
32		HTB	M 22* 75			0.57	18	F10T		RWEB	
10	SPL	PL	100* 17	630	133.4	8.40	84	SM490YB		LRIB	
40		TCB	M 22* 90			0.583	23	S10T		LRIB	
							J12				
							907 kg				

APPROACH BRIDGE GIRDER SPLICE G4 J13											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	SPL	PL	80* 9	320	70.65	1.81	2	SM490YA		LF-UO	
6	SPL	PL	190* 9	320	70.65	4.30	26	SM490YA		LF-UI	
1	SPL	PL	80* 9	320	70.65	1.81	2	SM490YA		LF-UO	
1	SPL	PL	1730* 9	320	70.65	39.1	39	SM490YA		LF-L	
52		TCB	M 22* 65			0.508	26	S10T		LFLG	
4		HTB	M 22* 70			0.555	2	F10T		LFLG	
1	SPL	PL	2595* 9	620	70.65	114	114	SM490YA		LWEBO	
1	SPL	PL	2595* 9	620	70.65	114	114	SM490YA		LWEBI	
200		TCB	M 22* 70			0.523	105	S10T		LWEB	
1	SPL	PL	2883* 9	620	70.65	126	126	SM490YA		RWEBI	
1	SPL	PL	2883* 9	620	70.65	126	126	SM490YA		RWEBO	
192		TCB	M 22* 70			0.523	100	S10T		RWEB	
32		HTB	M 22* 75			0.57	18	F10T		RWEB	
10	SPL	PL	100* 17	630	133.4	8.40	84	SM490YB		LRIB	
40		TCB	M 22* 90			0.583	23	S10T		LRIB	
							J13				
							907 kg				

APPROACH BRIDGE GIRDER SPLICE G4 J14										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	SPL	PL	80* 9	320	70.65	1.81	2	SM490YA		LF-UO
6	SPL	PL	190* 9	320	70.65	4.30	26	SM490YA		LF-UI
1	SPL	PL	80* 9	320	70.65	1.81	2	SM490YA		LF-UO

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1	SPL	PL	1730* 9	320	70.65	39.1	39	SM490YA		LF-L
52		TCB	M 22* 65			0.508	26	S10T		LFLG
4		HTB	M 22* 70			0.555	2	F10T		LFLG
1	SPL	PL	2595* 9	620	70.65	114	114	SM490YA		LWEBO
1	SPL	PL	2595* 9	620	70.65	114	114	SM490YA		LWEBI
200		TCB	M 22* 70			0.523	105	S10T		LWEB
1	SPL	PL	2883* 9	620	70.65	126	126	SM490YA		RWEBI
1	SPL	PL	2883* 9	620	70.65	126	126	SM490YA		RWEBO
192		TCB	M 22* 70			0.523	100	S10T		RWEB
32		HTB	M 22* 75			0.57	18	F10T		RWEB
10	SPL	PL	100* 17	630	133.4	8.40	84	SM490YB		LRIB
40		TCB	M 22* 90			0.583	23	S10T		LRIB
J14										907 kg

APPROACH BRIDGE GIRDER SPLICE G4 J15										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	SPL	PL	80* 9	320	70.65	1.81	2	SM490YA		LF-UO
6	SPL	PL	190* 9	320	70.65	4.30	26	SM490YA		LF-UI
1	SPL	PL	80* 9	320	70.65	1.81	2	SM490YA		LF-UO
1	SPL	PL	1730* 9	320	70.65	39.1	39	SM490YA		LF-L
52		TCB	M 22* 65			0.508	26	S10T		LFLG
4		HTB	M 22* 70			0.555	2	F10T		LFLG
1	SPL	PL	2595* 9	620	70.65	114	114	SM490YA		LWEBO
1	SPL	PL	2595* 9	620	70.65	114	114	SM490YA		LWEBI
200		TCB	M 22* 70			0.523	105	S10T		LWEB
1	SPL	PL	2883* 9	620	70.65	126	126	SM490YA		RWEBI
1	SPL	PL	2883* 9	620	70.65	126	126	SM490YA		RWEBO
192		TCB	M 22* 70			0.523	100	S10T		RWEB
32		HTB	M 22* 75			0.57	18	F10T		RWEB
10	SPL	PL	100* 17	630	133.4	8.40	84	SM490YB		LRIB
40		TCB	M 22* 90			0.583	23	S10T		LRIB
J15										907 kg

APPROACH BRIDGE GIRDER SPLICE G4 J16										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	SPL	PL	80* 9	320	70.65	1.81	2	SM490YA		LF-UO
6	SPL	PL	190* 9	320	70.65	4.30	26	SM490YA		LF-UI
1	SPL	PL	80* 9	320	70.65	1.81	2	SM490YA		LF-UO
1	SPL	PL	1730* 9	320	70.65	39.1	39	SM490YA		LF-L
52		TCB	M 22* 70			0.523	27	S10T		LFLG

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4		HTB	M 22* 75			0.57	2	F10T		LFLG
1	FILL	PL	1730* 2.3	160	18.06	5.00	5	SS400		
1	SPL	PL	2594* 9	620	70.65	114	114	SM490YA		LWEBO
1	SPL	PL	2594* 9	620	70.65	114	114	SM490YA		LWEBI
200		TCB	M 22* 70			0.523	105	S10T		LWEB
1	SPL	PL	2884* 9	620	70.65	126	126	SM490YA		RWEBI
1	SPL	PL	2884* 9	620	70.65	126	126	SM490YA		RWEBO
192		TCB	M 22* 70			0.523	100	S10T		RWEB
32		HTB	M 22* 75			0.57	18	F10T		RWEB
10	SPL	PL	100* 17	630	133.4	8.40	84	SM490YB		LRIB
40		TCB	M 22* 90			0.583	23	S10T		LRIB
							J16	913 kg		

APPROACH BRIDGE GIRDER SPLICE G4 J17										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	SPL	PL	80* 9	470	70.65	2.66	3	SM490YA		LF-UO
6	SPL	PL	190* 9	470	70.65	6.31	38	SM490YA		LF-UI
1	SPL	PL	80* 9	470	70.65	2.66	3	SM490YA		LF-UO
1	SPL	PL	1730* 9	470	70.65	57.4	57	SM490YA		LF-L
78		TCB	M 22* 80			0.553	43	S10T		LFLG
6		HTB	M 22* 85			0.6	4	F10T		LFLG
1	FILL	PL	1730* 12	235	94.20	38.3	38	SS400		
1	SPL	PL	2594* 9	620	70.65	114	114	SM490YA		LWEBO
1	SPL	PL	2594* 9	620	70.65	114	114	SM490YA		LWEBI
200		TCB	M 22* 70			0.523	105	S10T		LWEB
1	SPL	PL	2884* 9	620	70.65	126	126	SM490YA		RWEBI
1	SPL	PL	2884* 9	620	70.65	126	126	SM490YA		RWEBO
192		TCB	M 22* 70			0.523	100	S10T		RWEB
32		HTB	M 22* 75			0.57	18	F10T		RWEB
10	SPL	PL	100* 15	780	117.8	9.19	92	SM490YA		LRIB
50		TCB	M 22* 90			0.583	29	S10T		LRIB
10	FILL	PL	100* 2.3	380	18.06	0.686	7	SS400		
							J17	1017 kg		

APPROACH BRIDGE GIRDER SPLICE G4 J18										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	SPL	PL	80* 17	920	133.4	9.82	10	SM490YB		LF-UO
6	SPL	PL	190* 17	920	133.4	23.3	140	SM490YB		LF-UI
1	SPL	PL	80* 17	920	133.4	9.82	10	SM490YB		LF-UO
1	SPL	PL	1730* 13	920	102.0	162	162	SM490YA		LF-L

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156		TCB	M 22* 110			0.643	100	S10T		LFLG
12		HTB	M 22* 115			0.689	8	F10T		LFLG
1	FILL	PL	1730* 21	460	164.8	131	131	SS400		
1	SPL	PL	2594* 9	770	70.65	141	141	SM490YA		LWEBO
1	SPL	PL	2594* 9	770	70.65	141	141	SM490YA		LWEBI
250		TCB	M 22* 75			0.538	134	S10T		LWEB
1	FILL	PL	2594* 2.3	385	18.06	18.0	18	SS400		
1	SPL	PL	2884* 9	770	70.65	157	157	SM490YA		RWEBI
1	SPL	PL	2884* 9	770	70.65	157	157	SM490YA		RWEBO
240		TCB	M 22* 75			0.538	129	S10T		RWEB
40		HTB	M 22* 80			0.585	23	F10T		RWEB
1	FILL	PL	2884* 2.3	385	18.06	20.0	20	SS400		
10	SPL	PL	120* 19	1060	149.2	19.0	190	SM490YB		LRIB
90		TCB	M 22* 95			0.598	54	S10T		LRIB
							J18	1725 kg		

APPROACH BRIDGE GIRDER SPLICE G4 J19										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	SPL	PL	80* 31	1622	243.4	31.6	32	SM490YB		LF-UO
6	SPL	PL	190* 31	1622	243.4	75.0	450	SM490YB		LF-UI
1	SPL	PL	80* 31	1622	243.4	31.6	32	SM490YB		LF-UO
1	SPL	PL	1730* 23	1622	180.6	507	507	SM490YB		LF-L
312		TCB	M 22* 150			0.763	238	S10T		LFLG
24		HTB	M 22* 155			0.808	19	F10T		LFLG
1	FILL	PL	1730* 12	811	94.20	132	132	SS400		
1	SPL	PL	2594* 11	770	86.35	172	172	SM490YA		LWEBO
1	SPL	PL	2594* 11	770	86.35	172	172	SM490YA		LWEBI
250		TCB	M 22* 75			0.538	134	S10T		LWEB
1	SPL	PL	2883* 11	770	86.35	192	192	SM490YA		RWEBI
1	SPL	PL	2883* 11	770	86.35	192	192	SM490YA		RWEBO
240		TCB	M 22* 75			0.538	129	S10T		RWEB
40		HTB	M 22* 80			0.585	23	F10T		RWEB
10	SPL	PL	120* 19	1060	149.2	19.0	190	SM490YB		LRIB
90		TCB	M 22* 95			0.598	54	S10T		LRIB
							J19	2668 kg		

APPROACH BRIDGE GIRDER SPLICE G4 J20										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	SPL	PL	80* 29	1490	227.6	27.1	27	SM490YB		LF-UO
6	SPL	PL	190* 29	1490	227.6	64.4	386	SM490YB		LF-UI

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1	SPL	PL	80* 29	1490	227.6	27.1	27	SM490YB		LF-UO
1	SPL	PL	1730* 22	1490	172.7	445	445	SM490YB		LF-L
286		TCB	M 22* 145			0.748	214	S10T		LFLG
22		HTB	M 22* 150			0.794	17	F10T		LFLG
1	FILL	PL	1730* 15	745	117.8	152	152	SS400		
1	SPL	PL	2594* 11	770	86.35	172	172	SM490YA		LWEBO
1	SPL	PL	2594* 11	770	86.35	172	172	SM490YA		LWEBI
250		TCB	M 22* 75			0.538	134	S10T		LWEB
1	SPL	PL	2883* 11	770	86.35	192	192	SM490YA		RWEBI
1	SPL	PL	2883* 11	770	86.35	192	192	SM490YA		RWEBO
240		TCB	M 22* 75			0.538	129	S10T		RWEB
40		HTB	M 22* 80			0.585	23	F10T		RWEB
10	SPL	PL	120* 19	1060	149.2	19.0	190	SM490YB		LRIB
90		TCB	M 22* 95			0.598	54	S10T		LRIB
J20										2526 kg

APPROACH BRIDGE GIRDER SPLICE G4 J21										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	SPL	PL	80* 15	770	117.8	7.26	7	SM490YA		LF-UO
6	SPL	PL	190* 15	770	117.8	17.2	103	SM490YA		LF-UI
1	SPL	PL	80* 15	770	117.8	7.26	7	SM490YA		LF-UO
1	SPL	PL	1730* 11	770	86.35	115	115	SM490YA		LF-L
130		TCB	M 22* 105			0.628	82	S10T		LFLG
10		HTB	M 22* 110			0.674	7	F10T		LFLG
1	FILL	PL	1730* 21	385	164.8	110	110	SS400		
1	SPL	PL	2594* 9	620	70.65	114	114	SM490YA		LWEBO
1	SPL	PL	2594* 9	620	70.65	114	114	SM490YA		LWEBI
200		TCB	M 22* 75			0.538	108	S10T		LWEB
1	FILL	PL	2594* 2.3	310	18.06	14.5	14	SS400		
1	SPL	PL	2883* 9	620	70.65	126	126	SM490YA		RWEBI
1	SPL	PL	2883* 9	620	70.65	126	126	SM490YA		RWEBO
192		TCB	M 22* 75			0.538	103	S10T		RWEB
32		HTB	M 22* 80			0.585	19	F10T		RWEB
1	FILL	PL	2883* 2.3	310	18.06	16.1	16	SS400		
10	SPL	PL	120* 19	960	149.2	17.2	172	SM490YB		LRIB
70		TCB	M 22* 95			0.598	42	S10T		LRIB
J21										1385 kg

APPROACH BRIDGE GIRDER SPLICE G4 J22										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks

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1	SPL	PL	80* 11	470	86.35	3.25	3	SM490YA		LF-UO
6	SPL	PL	190* 11	470	86.35	7.71	46	SM490YA		LF-UI
1	SPL	PL	80* 11	470	86.35	3.25	3	SM490YA		LF-UO
1	SPL	PL	1730* 9	470	70.65	57.4	57	SM490YA		LF-L
78		TCB	M 22* 80			0.553	43	S10T		LFLG
6		HTB	M 22* 85			0.6	4	F10T		LFLG
1	FILL	PL	1730* 6	235	47.10	19.2	19	SS400		
1	SPL	PL	2595* 9	620	70.65	114	114	SM490YA		LWEBO
1	SPL	PL	2595* 9	620	70.65	114	114	SM490YA		LWEBI
200		TCB	M 22* 70			0.523	105	S10T		LWEB
1	SPL	PL	2883* 9	620	70.65	126	126	SM490YA		RWEBI
1	SPL	PL	2883* 9	620	70.65	126	126	SM490YA		RWEBO
192		TCB	M 22* 70			0.523	100	S10T		RWEB
32		HTB	M 22* 80			0.585	19	F10T		RWEB
10	SPL	PL	100* 17	780	133.4	10.4	104	SM490YB		LRIB
50		TCB	M 22* 95			0.598	30	S10T		LRIB
10	FILL	PL	100* 2.3	380	18.06	0.686	7	SS400		
J22										
1020 kg										

APPROACH BRIDGE GIRDER SPLICE G4 J23										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	SPL	PL	80* 9	470	70.65	2.66	3	SM490YA		LF-UO
3	SPL	PL	440* 9	470	70.65	14.6	44	SM490YA		LF-UI
1	SPL	PL	80* 9	470	70.65	2.66	3	SM490YA		LF-UO
1	SPL	PL	1730* 9	470	70.65	57.4	57	SM490YA		LF-L
96		TCB	M 22* 80			0.553	53	S10T		LFLG
6		HTB	M 22* 85			0.6	4	F10T		LFLG
1	FILL	PL	1730* 13	235	102.0	41.5	42	SS400		
1	SPL	PL	2595* 9	620	70.65	114	114	SM490YA		LWEBO
1	SPL	PL	2595* 9	620	70.65	114	114	SM490YA		LWEBI
200		TCB	M 22* 70			0.523	105	S10T		LWEB
1	SPL	PL	2882* 9	620	70.65	126	126	SM490YA		RWEBI
1	SPL	PL	2882* 9	620	70.65	126	126	SM490YA		RWEBO
192		TCB	M 22* 70			0.523	100	S10T		RWEB
32		HTB	M 22* 75			0.57	18	F10T		RWEB
4	SPL	PL	100* 17	780	133.4	10.4	42	SM490YB		LRIB
20		TCB	M 22* 95			0.598	12	S10T		LRIB
4	FILL	PL	100* 2.3	380	18.06	0.686	3	SS400		
J23										
966 kg										

APPROACH BRIDGE GIRDER SPLICE G4 J24										
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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	SPL	PL	80* 19	920	149.2	11.0	11	SM490YB		LF-UO
3	SPL	PL	440* 19	920	149.2	60.4	181	SM490YB		LF-UI
1	SPL	PL	80* 19	920	149.2	11.0	11	SM490YB		LF-UO
1	SPL	PL	1730* 16	920	125.6	200	200	SM490YA		LF-L
180		TCB	M 22* 100			0.613	110	S10T		LFLG
12		HTB	M 22* 105			0.659	8	F10T		LFLG
1	FILL	PL	1730* 2.3	460	18.06	14.4	14	SS400		
1	SPL	PL	2595* 9	620	70.65	114	114	SM490YA		LWEBO
1	SPL	PL	2595* 9	620	70.65	114	114	SM490YA		LWEBI
200		TCB	M 22* 75			0.538	108	S10T		LWEB
1	FILL	PL	2595* 2.3	310	18.06	14.5	14	SS400		
1	SPL	PL	2882* 9	620	70.65	126	126	SM490YA		RWEBI
1	SPL	PL	2882* 9	620	70.65	126	126	SM490YA		RWEBO
192		TCB	M 22* 75			0.538	103	S10T		RWEB
32		HTB	M 22* 80			0.585	19	F10T		RWEB
1	FILL	PL	2882* 2.3	310	18.06	16.1	16	SS400		
4	SPL	PL	120* 21	1090	164.8	21.6	86	SM490YB		LRIB
32		TCB	M 22* 100			0.613	20	S10T		LRIB
J24							1381 kg			

APPROACH BRIDGE GIRDER SPLICE G4 J25										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	SPL	PL	80* 21	962	164.8	12.7	13	SM570		LF-UO
3	SPL	PL	440* 21	962	164.8	69.8	209	SM570		LF-UI
1	SPL	PL	80* 21	962	164.8	12.7	13	SM570		LF-UO
1	SPL	PL	1730* 17	962	133.4	222	222	SM570		LF-L
212		TCB	M 22* 115			0.658	139	S10T		LFLG
14		HTB	M 22* 120			0.704	10	F10T		LFLG
1	FILL	PL	1730* 9	481	70.65	58.8	59	SS400		
1	SPL	PL	2595* 10	920	78.50	187	187	SM570		LWEBO
1	SPL	PL	2595* 10	920	78.50	187	187	SM570		LWEBI
300		TCB	M 22* 75			0.538	161	S10T		LWEB
1	SPL	PL	2882* 10	920	78.50	208	208	SM570		RWEBI
1	SPL	PL	2882* 10	920	78.50	208	208	SM570		RWEBO
288		TCB	M 22* 75			0.538	155	S10T		RWEB
48		HTB	M 22* 80			0.585	28	F10T		RWEB
4	SPL	PL	120* 22	1170	172.7	24.2	97	SM570		LRIB
40		TCB	M 22* 105			0.628	25	S10T		LRIB
J25							1921 kg			

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APPROACH BRIDGE GIRDER SPLICE G4 J26										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	SPL	PL	80* 26	1226	204.1	20.0	20	SM570		LF-UO
3	SPL	PL	440* 26	1226	204.1	110	330	SM570		LF-UI
1	SPL	PL	80* 26	1226	204.1	20.0	20	SM570		LF-UO
1	SPL	PL	1730* 21	1226	164.8	350	350	SM570		LF-L
276		TCB	M 22* 125			0.688	190	S10T		LFLG
18		HTB	M 22* 130			0.734	13	F10T		LFLG
1	FILL	PL	1730* 4.5	613	35.32	37.4	37	SS400		
1	SPL	PL	2595* 11	920	86.35	206	206	SM570		LWEBO
1	SPL	PL	2595* 11	920	86.35	206	206	SM570		LWEBI
300		TCB	M 22* 75			0.538	161	S10T		LWEB
1	SPL	PL	2882* 11	920	86.35	229	229	SM570		RWEBI
1	SPL	PL	2882* 11	920	86.35	229	229	SM570		RWEBO
288		TCB	M 22* 75			0.538	155	S10T		RWEB
48		HTB	M 22* 80			0.585	28	F10T		RWEB
4	SPL	PL	120* 22	1280	172.7	26.5	106	SM570		LRIB
44		TCB	M 22* 105			0.628	28	S10T		LRIB
J26							2308 kg			

APPROACH BRIDGE GIRDER SPLICE G4 J27										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	SPL	PL	80* 29	1358	227.6	24.7	25	SM570		LF-UO
3	SPL	PL	440* 29	1358	227.6	136	408	SM570		LF-UI
1	SPL	PL	80* 29	1358	227.6	24.7	25	SM570		LF-UO
1	SPL	PL	1730* 23	1358	180.6	424	424	SM570		LF-L
308		TCB	M 22* 130			0.703	217	S10T		LFLG
20		HTB	M 22* 135			0.749	15	F10T		LFLG
1	SPL	PL	2595* 11	920	86.35	206	206	SM570		LWEBO
1	SPL	PL	2595* 11	920	86.35	206	206	SM570		LWEBI
300		TCB	M 22* 75			0.538	161	S10T		LWEB
1	SPL	PL	2882* 11	920	86.35	229	229	SM570		RWEBI
1	SPL	PL	2882* 11	920	86.35	229	229	SM570		RWEBO
288		TCB	M 22* 75			0.538	155	S10T		RWEB
48		HTB	M 22* 80			0.585	28	F10T		RWEB
4	SPL	PL	120* 22	1280	172.7	26.5	106	SM570		LRIB
44		TCB	M 22* 105			0.628	28	S10T		LRIB
J27							2462 kg			

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APPROACH BRIDGE GIRDER SPLICE G4 J28											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	SPL	PL	80* 29	1358	227.6	24.7	25	SM570		LF-UO	
3	SPL	PL	440* 29	1358	227.6	136	408	SM570		LF-UI	
1	SPL	PL	80* 29	1358	227.6	24.7	25	SM570		LF-UO	
1	SPL	PL	1730* 23	1358	180.6	424	424	SM570		LF-L	
308		TCB	M 22* 130			0.703	217	S10T		LFLG	
20		HTB	M 22* 135			0.749	15	F10T		LFLG	
1	SPL	PL	2595* 11	920	86.35	206	206	SM570		LWEBO	
1	SPL	PL	2595* 11	920	86.35	206	206	SM570		LWEBI	
300		TCB	M 22* 75			0.538	161	S10T		LWEB	
1	SPL	PL	2882* 11	920	86.35	229	229	SM570		RWEBI	
1	SPL	PL	2882* 11	920	86.35	229	229	SM570		RWEBO	
288		TCB	M 22* 75			0.538	155	S10T		RWEB	
48		HTB	M 22* 80			0.585	28	F10T		RWEB	
4	SPL	PL	120* 22	1170	172.7	24.2	97	SM570		LRIB	
40		TCB	M 22* 105			0.628	25	S10T		LRIB	
							J28				2450 kg

APPROACH BRIDGE GIRDER SPLICE G4 J29											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	SPL	PL	80* 25	1226	196.2	19.2	19	SM570		LF-UO	
3	SPL	PL	440* 25	1226	196.2	106	318	SM570		LF-UI	
1	SPL	PL	80* 25	1226	196.2	19.2	19	SM570		LF-UO	
1	SPL	PL	1730* 20	1226	157.0	333	333	SM570		LF-L	
276		TCB	M 22* 125			0.688	190	S10T		LFLG	
18		HTB	M 22* 130			0.734	13	F10T		LFLG	
1	FILL	PL	1730* 6	613	47.10	49.9	50	SS400			
1	SPL	PL	2595* 10	920	78.50	187	187	SM570		LWEBO	
1	SPL	PL	2595* 10	920	78.50	187	187	SM570		LWEBI	
300		TCB	M 22* 75			0.538	161	S10T		LWEB	
1	SPL	PL	2882* 10	920	78.50	208	208	SM570		RWEBI	
1	SPL	PL	2882* 10	920	78.50	208	208	SM570		RWEBO	
288		TCB	M 22* 75			0.538	155	S10T		RWEB	
48		HTB	M 22* 80			0.585	28	F10T		RWEB	
4	SPL	PL	120* 22	1280	172.7	26.5	106	SM570		LRIB	
44		TCB	M 22* 105			0.628	28	S10T		LRIB	
							J29				2210 kg

APPROACH BRIDGE GIRDER SPLICE G4 J30										
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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	SPL	PL	80* 18	962	141.3	10.9	11	SM570		LF-UO
3	SPL	PL	440* 18	962	141.3	59.8	179	SM570		LF-UI
1	SPL	PL	80* 18	962	141.3	10.9	11	SM570		LF-UO
1	SPL	PL	1730* 15	962	117.8	196	196	SM570		LF-L
212		TCB	M 22* 105			0.628	133	S10T		LFLG
14		HTB	M 22* 110			0.674	9	F10T		LFLG
1	FILL	PL	1730* 10	481	78.50	65.3	65	SS400		
1	SPL	PL	2595* 10	920	78.50	187	187	SM570		LWEBO
1	SPL	PL	2595* 10	920	78.50	187	187	SM570		LWEBI
300		TCB	M 22* 75			0.538	161	S10T		LWEB
1	SPL	PL	2882* 10	920	78.50	208	208	SM570		RWEBI
1	SPL	PL	2882* 10	920	78.50	208	208	SM570		RWEBO
288		TCB	M 22* 75			0.538	155	S10T		RWEB
48		HTB	M 22* 80			0.585	28	F10T		RWEB
4	SPL	PL	120* 22	1280	172.7	26.5	106	SM570		LRIB
44		TCB	M 22* 105			0.628	28	S10T		LRIB
							J30	1872 kg		

APPROACH BRIDGE GIRDER SPLICE G4 J31										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	SPL	PL	80* 16	770	125.6	7.74	8	SM490YA		LF-UO
3	SPL	PL	440* 16	770	125.6	42.6	128	SM490YA		LF-UI
1	SPL	PL	80* 16	770	125.6	7.74	8	SM490YA		LF-UO
1	SPL	PL	1730* 13	770	102.0	136	136	SM490YA		LF-L
148		TCB	M 22* 95			0.598	89	S10T		LFLG
10		HTB	M 22* 100			0.645	6	F10T		LFLG
1	FILL	PL	1730* 3.2	385	25.12	16.7	17	SS400		
1	SPL	PL	2595* 9	620	70.65	114	114	SM490YA		LWEBO
1	SPL	PL	2595* 9	620	70.65	114	114	SM490YA		LWEBI
200		TCB	M 22* 75			0.538	108	S10T		LWEB
1	FILL	PL	2595* 2.3	310	18.06	14.5	14	SS400		
1	SPL	PL	2882* 9	620	70.65	126	126	SM490YA		RWEBI
1	SPL	PL	2882* 9	620	70.65	126	126	SM490YA		RWEBO
192		TCB	M 22* 75			0.538	103	S10T		RWEB
32		HTB	M 22* 80			0.585	19	F10T		RWEB
1	FILL	PL	2882* 2.3	310	18.06	16.1	16	SS400		
4	SPL	PL	120* 21	1090	164.8	21.6	86	SM490YB		LRIB
32		TCB	M 22* 100			0.613	20	S10T		LRIB
							J31	1238 kg		

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APPROACH BRIDGE GIRDER SPLICE G4 J32										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	SPL	PL	80* 9	320	70.65	1.81	2	SM490YA		LF-UO
3	SPL	PL	440* 9	320	70.65	9.95	30	SM490YA		LF-UI
1	SPL	PL	80* 9	320	70.65	1.81	2	SM490YA		LF-UO
1	SPL	PL	1730* 9	320	70.65	39.1	39	SM490YA		LF-L
64		TCB	M 22* 80			0.553	35	S10T		LFLG
4		HTB	M 22* 85			0.6	2	F10T		LFLG
1	FILL	PL	1730* 11	160	86.35	23.9	24	SS400		
1	SPL	PL	2595* 9	620	70.65	114	114	SM490YA		LWEBO
1	SPL	PL	2595* 9	620	70.65	114	114	SM490YA		LWEBI
200		TCB	M 22* 70			0.523	105	S10T		LWEB
1	SPL	PL	2882* 9	620	70.65	126	126	SM490YA		RWEBI
1	SPL	PL	2882* 9	620	70.65	126	126	SM490YA		RWEBO
192		TCB	M 22* 70			0.523	100	S10T		RWEB
32		HTB	M 22* 75			0.57	18	F10T		RWEB
4	SPL	PL	100* 17	630	133.4	8.40	34	SM490YB		LRIB
16		TCB	M 22* 95			0.598	10	S10T		LRIB
4	FILL	PL	100* 2.3	305	18.06	0.551	2	SS400		
							J32	883	kg	
							G4	47871	kg	
							GIRDER SPLICE	169250	kg	
							APPROACH BRIDGE	169250	kg	

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APPROACH BRIDGE CROSS GIRDER S1 LL1-JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	BR-W	PL	484* 9	1123	70.65	38.4	38	SM400A		
1	BR-W	PL	601* 9	1113	70.65	47.3	47	SM400A		
1	BR-STF	PL	90* 9	499	70.65	3.17	3	SM400A		
1	BR-F	PL	230* 10	1014	78.50	18.3	18	SM400A		
							106 kg			
LL1-JL1										

APPROACH BRIDGE CROSS GIRDER S1 JL1-JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	BR-W	PL	487* 9	435	70.65	15.0	15	SM400A		
1	BR-W	PL	794* 9	890	70.65	49.9	50	SM400A		
1	VSTF	PL	210* 16	1754	125.6	46.3	46	SM400A		
1	BR-F	PL	230* 10	917	78.50	16.6	17	SM400A		
1	FB-W	PL	484* 16	2990	125.6	182	182	SM400A		
1	DIA	PL	2230* 16	2717	125.6	457	457	SM400A	60	
2	D-STF	PL	496* 22	1867	172.7	80.0	160	SM400A	50	
2	D-STF	PL	496* 22	1857	172.7	79.5	159	SM400A	50	
2	D-FLG	PL	182* 16	1056	125.6	24.1	48	SM400A		
1	DOUBL	PL	1000* 32	700	251.2	176	176	SM400A		
2	D-FLG	PL	107* 10	976	78.50	8.20	16	SM400A		
2	D-FLG	PL	107* 10	1056	78.50	8.87	18	SM400A		
1	FB-W	PL	487* 9	168	70.65	5.78	6	SM400A		
1	FB-W	PL	1733* 9	168	70.65	20.6	21	SM400A		
2	FB-F	PL	107* 10	168	78.50	1.41	3	SM400A		
1	FB-F	PL	380* 16	169	125.6	8.07	8	SM400A		
							1382 kg			
JL1-JL2										

APPROACH BRIDGE CROSS GIRDER S1 JL2-JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	484* 9	1295	70.65	44.3	44	SM400A		
1	WEB	PL	647* 9	1298	70.65	59.3	59	SM400A		
							103 kg			
JL2-JL3										

APPROACH BRIDGE CROSS GIRDER S1 JL2-JL3CG										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	1097* 9	1315	70.65	102	102	SM400A		

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1	FLG	PL	380* 16	1287	125.6	61.4	61	SM400A		
2	FB-STF	PL	110* 9	437	70.65	3.40	7	SM400A		
1	FB-STF	PL	130* 11	892	86.35	10.0	10	SM400A		
2	FB-F	PL	107* 10	1285	78.50	10.8	22	SM400A		
JL2-JL3CG							202 kg			

APPROACH BRIDGE CROSS GIRDER S1 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	487* 9	168	70.65	5.78	6	SM400A		
1	FB-W	PL	1683* 9	169	70.65	20.1	20	SM400A		
2	FB-F	PL	107* 10	169	78.50	1.42	3	SM400A		
1	FB-F	PL	380* 16	169	125.6	8.07	8	SM400A		
1	FB-W	PL	484* 16	2700	125.6	164	164	SM400A		
1	DIA	PL	2227* 16	2960	125.6	828	828	SM400A		
2	D-STF	PL	496* 19	1860	149.2	68.8	138	SM400A	50	
2	D-STF	PL	496* 19	1850	149.2	68.5	137	SM400A	50	
4	D-FLG	PL	182* 16	1136	125.6	26.0	104	SM400A		
1	DOUBL	PL	1000* 32	700	251.2	176	176	SM400A		
4	D-FLG	PL	107* 10	1136	78.50	9.55	38	SM400A		
1	WEB	PL	487* 9	168	70.65	5.78	6	SM400A		
1	FB-W	PL	1731* 9	168	70.65	20.5	20	SM400A		
2	FB-F	PL	107* 10	169	78.50	1.42	3	SM400A		
1	FB-F	PL	380* 16	169	125.6	8.07	8	SM400A		
JL3-JL4							1659 kg			

APPROACH BRIDGE CROSS GIRDER S1 JL4-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	513* 9	2935	70.65	106	106	SM400A		
1	WEB	PL	681* 9	2935	70.65	141	141	SM400A		
JL4-JL5							247 kg			

APPROACH BRIDGE CROSS GIRDER S1 JL4-JL5CG										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	1075* 9	2935	70.65	223	223	SM400A		
1	FLG	PL	380* 16	2935	125.6	140	140	SM400A		
2	FB-STF	PL	120* 10	1261	78.50	11.9	24	SM400A		
1	FB-STF	PL	130* 11	917	86.35	10.3	10	SM400A		
2	FB-F	PL	107* 10	2935	78.50	24.6	49	SM400A		

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JL4-JL5CG		446 kg
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APPROACH BRIDGE CROSS GIRDER S1 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	487* 9	169	70.65	5.81	6	SM400A		
1	FB-W	PL	1731* 9	168	70.65	20.5	20	SM400A		
2	FB-F	PL	107* 10	169	78.50	1.42	3	SM400A		
1	FB-F	PL	380* 16	169	125.6	8.07	8	SM400A		
1	WEB	PL	484* 16	2700	125.6	164	164	SM400A		
1	DIA	PL	2227* 16	2690	125.6	752	752	SM400A		
2	D-STF	PL	496* 19	1860	149.2	68.8	138	SM400A	50	
2	D-STF	PL	496* 19	1850	149.2	68.5	137	SM400A	50	
4	D-FLG	PL	182* 16	1136	125.6	26.0	104	SM400A		
1	DOUBL	PL	1000* 32	700	251.2	176	176	SM400A		
4	D-FLG	PL	107* 10	1136	78.50	9.55	38	SM400A		
1	WEB	PL	483* 9	169	70.65	5.77	6	SM400A		
1	FB-W	PL	1678* 9	169	70.65	20.0	20	SM400A		
2	FB-F	PL	111* 10	169	78.50	1.47	3	SM400A		
1	FB-F	PL	380* 16	169	125.6	8.07	8	SM400A		
JL5-JL6							1583 kg			

APPROACH BRIDGE CROSS GIRDER S1 JL6-JL6A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	484* 9	1905	70.65	65.1	65	SM400A		
1	WEB	PL	647* 9	1909	70.65	87.3	87	SM400A		
JL6-JL6A							152 kg			

APPROACH BRIDGE CROSS GIRDER S1 JL6A-JL6B										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	484* 9	1925	70.65	65.8	66	SM400A		
1	WEB	PL	647* 9	1929	70.65	88.2	88	SM400A		
JL6A-JL6B							154 kg			

APPROACH BRIDGE CROSS GIRDER S1 JL6B-JL6C										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	484* 9	1295	70.65	44.3	44	SM400A		

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1	WEB	PL	647* 9	1929	70.65	88.2	88	SM400A			
JL6B-JL6C							132 kg				

APPROACH BRIDGE CROSS GIRDER S1 JL6C-JL7											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	WEB	PL	484* 9	2111	70.65	72.2	72	SM400A			
1	WEB	PL	647* 9	2114	70.65	96.6	97	SM400A			
JL6C-JL7							169 kg				

APPROACH BRIDGE CROSS GIRDER S1 JL6-JL7CG											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	WEB	PL	1076* 9	7864	70.65	598	598	SM400A			
1	FLG	PL	380* 16	7844	125.6	374	374	SM400A			
2	FB-STF	PL	120* 10	1253	78.50	11.8	24	SM400A			
3	FB-STF	PL	120* 10	1561	78.50	14.7	44	SM400A			
1	FB-STF	PL	130* 11	874	86.35	9.81	10	SM400A			
1	FB-STF	PL	130* 11	886	86.35	9.95	10	SM400A			
1	FB-STF	PL	130* 11	897	86.35	10.1	10	SM400A			
1	FB-STF	PL	130* 11	909	86.35	10.2	10	SM400A			
2	FB-F	PL	111* 10	7844	78.50	68.3	137	SM400A			
JL6-JL7CG							1217 kg				

APPROACH BRIDGE CROSS GIRDER S1 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	487* 9	168	70.65	5.78	6	SM400A		
1	FB-W	PL	1733* 9	168	70.65	20.6	21	SM400A		
1	FB-F	PL	111* 10	168	78.50	1.46	1	SM400A		
1	FB-F	PL	111* 10	173	78.50	1.51	2	SM400A		
1	FB-F	PL	380* 16	168	125.6	8.02	8	SM400A		
1	WEB	PL	484* 16	2994	125.6	182	182	SM400A		
1	DIA	PL	2230* 16	2715	125.6	456	456	SM400A	60	
2	D-STF	PL	496* 22	1867	172.7	80.0	160	SM400A	50	
2	D-STF	PL	496* 22	1857	172.7	79.5	159	SM400A	50	
2	D-FLG	PL	182* 16	1058	125.6	24.2	48	SM400A		
1	DOUBL	PL	1000* 32	700	251.2	176	176	SM400A		
1	D-FLG	PL	107* 10	1063	78.50	8.93	9	SM400A		
1	D-FLG	PL	107* 10	1057	78.50	8.88	9	SM400A		
1	D-FLG	PL	107* 10	977	78.50	8.20	8	SM400A		

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1	D-FLG	PL	107* 10	983	78.50	8.26	8	SM400A		
1	BR-W	PL	487* 9	436	70.65	15.0	15	SM400A		
1	BR-W	PL	794* 9	891	70.65	50.0	50	SM400A		
1	VSTF	PL	210* 16	1754	125.6	46.3	46	SM400A		
1	BR-F	PL	230* 10	918	78.50	16.6	17	SM400A		
							JL7-JL8			
							1381 kg			

APPROACH BRIDGE CROSS GIRDER S1 JL8-RR1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	BR-W	PL	484* 9	1124	70.65	38.4	38	SM400A		
1	BR-W	PL	601* 9	1114	70.65	47.3	47	SM400A		
1	BR-STF	PL	90* 9	498	70.65	3.17	3	SM400A		
1	BR-F	PL	230* 10	1015	78.50	18.3	18	SM400A		
							JL8-RR1			
							106 kg			
							S1			
							9039 kg			

APPROACH BRIDGE CROSS GIRDER S2 LL1-JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	BR-W	PL	484* 9	1123	70.65	38.4	38	SM400A		
1	BR-W	PL	601* 9	1113	70.65	47.3	47	SM400A		
1	BR-STF	PL	90* 9	499	70.65	3.17	3	SM400A		
1	BR-F	PL	230* 10	1014	78.50	18.3	18	SM400A		
							LL1-JL1			
							106 kg			

APPROACH BRIDGE CROSS GIRDER S2 JL1-JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	BR-W	PL	487* 9	435	70.65	15.0	15	SM400A		
1	BR-W	PL	794* 9	890	70.65	49.9	50	SM400A		
1	VSTF	PL	210* 16	1636	125.6	43.2	43	SM400A		
1	BR-F	PL	230* 10	909	78.50	16.4	16	SM400A		
1	FB-W	PL	484* 19	2990	149.2	216	216	SM400A		
1	DIA	PL	2230* 19	2712	149.2	541	541	SM400A	60	
2	D-STF	PL	469* 22	1858	172.7	75.2	150	SM400A	50	
2	D-STF	PL	469* 22	1857	172.7	75.2	150	SM400A	50	
2	D-FLG	PL	182* 16	1056	125.6	24.1	48	SM400A		
1	DOUBL	PL	1000* 38	700	298.3	209	209	SM400B		
2	D-FLG	PL	106* 10	976	78.50	8.12	16	SM400A		

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2	D-FLG	PL	106* 10	1056	78.50	8.78	18	SM400A		
1	FB-W	PL	487* 9	168	70.65	5.78	6	SM400A		
1	FB-W	PL	1733* 9	168	70.65	20.6	21	SM400A		
2	FB-F	PL	110* 10	168	78.50	1.45	3	SM400A		
1	FB-F	PL	380* 16	169	125.6	8.07	8	SM400A		
JL1-JL2							1510 kg			

APPROACH BRIDGE CROSS GIRDER S2 JL2-JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	484* 11	1295	86.35	54.1	54	SM400A		
1	WEB	PL	647* 11	1298	86.35	72.5	72	SM400A		
JL2-JL3							126 kg			

APPROACH BRIDGE CROSS GIRDER S2 JL2-JL3CG										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	1097* 11	1285	86.35	122	122	SM400A		
1	FLG	PL	380* 16	1287	125.6	61.4	61	SM400A		
2	FB-STF	PL	110* 9	437	70.65	3.40	7	SM400A		
1	FB-STF	PL	130* 11	892	86.35	10.0	10	SM400A		
2	FB-F	PL	110* 10	1285	78.50	11.1	22	SM400A		
JL2-JL3CG							222 kg			

APPROACH BRIDGE CROSS GIRDER S2 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	487* 11	169	86.35	7.11	7	SM400A		
1	FB-W	PL	1683* 11	169	86.35	24.6	25	SM400A		
2	FB-F	PL	110* 10	169	78.50	1.46	3	SM400A		
1	FB-F	PL	380* 16	168	125.6	8.02	8	SM400A		
1	FB-W	PL	484* 16	2700	125.6	164	164	SM400A		
1	DIA	PL	2227* 16	2960	125.6	828	828	SM400A		
2	D-STF	PL	471* 19	1851	149.2	65.0	130	SM400A	50	
2	D-STF	PL	471* 19	1850	149.2	65.0	130	SM400A	50	
4	D-FLG	PL	182* 16	1136	125.6	26.0	104	SM400A		
1	DOUBL	PL	1000* 32	700	251.2	176	176	SM400A		
4	D-FLG	PL	107* 10	1136	78.50	9.55	38	SM400A		
1	WEB	PL	487* 9	169	70.65	5.81	6	SM400A		
1	FB-W	PL	1731* 9	169	70.65	20.7	21	SM400A		
2	FB-F	PL	110* 10	169	78.50	1.46	3	SM400A		

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1	FB-F	PL	380* 16	169	125.6	8.07	8	SM400A		
JL3-JL4							1651 kg			

APPROACH BRIDGE CROSS GIRDER S2 JL4-JL4A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	492* 11	2775	86.35	118	118	SM400A		
1	WEB	PL	855* 11	2765	86.35	204	204	SM400A		
JL4-JL4A							322 kg			

APPROACH BRIDGE CROSS GIRDER S2 JL4A-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	484* 11	2375	86.35	99.3	99	SM400A		
1	WEB	PL	699* 11	2365	86.35	143	143	SM400A		
JL4A-JL5							242 kg			

APPROACH BRIDGE CROSS GIRDER S2 JL4-JL5CG										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	1075* 11	5135	86.35	477	477	SM400A		
1	FLG	PL	380* 16	5135	125.6	245	245	SM400A		
2	FB-STF	PL	140* 11	2361	86.35	28.5	57	SM400A		
1	FB-STF	PL	130* 11	917	86.35	10.3	10	SM400A		
2	FB-F	PL	110* 10	5135	78.50	44.3	89	SM400A		
JL4-JL5CG							878 kg			

APPROACH BRIDGE CROSS GIRDER S2 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	487* 11	169	86.35	7.11	7	SM400A		
1	FB-W	PL	1731* 11	169	86.35	25.3	25	SM400A		
2	FB-F	PL	110* 10	169	78.50	1.46	3	SM400A		
1	FB-F	PL	380* 16	169	125.6	8.07	8	SM400A		
1	WEB	PL	484* 16	2700	125.6	164	164	SM400A		
1	DIA	PL	2227* 16	2690	125.6	752	752	SM400A		
2	D-STF	PL	471* 19	1851	149.2	65.0	130	SM400A	50	
2	D-STF	PL	471* 19	1850	149.2	65.0	130	SM400A	50	
4	D-FLG	PL	182* 16	1136	125.6	26.0	104	SM400A		
1	DOUBL	PL	1000* 32	700	251.2	176	176	SM400A		

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4	D-FLG	PL	107* 10	1136	78.50	9.55	38	SM400A		
1	WEB	PL	487* 11	169	86.35	7.11	7	SM400A		
1	FB-W	PL	1718* 11	168	86.35	24.9	25	SM400A		
2	FB-F	PL	110* 10	169	78.50	1.46	3	SM400A		
1	FB-F	PL	380* 16	169	125.6	8.07	8	SM400A		
							1580 kg			
JL5-JL6										

APPROACH BRIDGE CROSS GIRDER S2 JL6-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	484* 11	1295	86.35	54.1	54	SM400A		
1	WEB	PL	647* 11	1298	86.35	72.5	72	SM400A		
							126 kg			
JL6-JL7										

APPROACH BRIDGE CROSS GIRDER S2 JL6-JL7CG										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	1058* 11	1306	86.35	119	119	SM400A		
1	FLG	PL	380* 16	1285	125.6	61.3	61	SM400A		
2	FB-STF	PL	110* 9	437	70.65	3.40	7	SM400A		
1	FB-STF	PL	130* 11	884	86.35	9.92	10	SM400A		
2	FB-F	PL	110* 10	1285	78.50	11.1	22	SM400A		
							219 kg			
JL6-JL7CG										

APPROACH BRIDGE CROSS GIRDER S2 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	487* 11	168	86.35	7.07	7	SM400A		
1	FB-W	PL	1681* 11	169	86.35	24.5	24	SM400A		
1	FB-F	PL	110* 10	168	78.50	1.45	1	SM400A		
1	FB-F	PL	380* 16	168	125.6	8.02	8	SM400A		
1	WEB	PL	484* 19	2990	149.2	216	216	SM400A		
1	DIA	PL	2215* 19	2710	149.2	537	537	SM400A	60	
2	D-STF	PL	469* 22	1858	172.7	75.2	150	SM400A	50	
2	D-STF	PL	469* 22	1857	172.7	75.2	150	SM400A	50	
2	D-FLG	PL	182* 16	1056	125.6	24.1	48	SM400A		
1	DOUBL	PL	1000* 38	700	298.3	209	209	SM400B		
2	D-FLG	PL	106* 10	1056	78.50	8.78	18	SM400A		
2	D-FLG	PL	106* 10	972	78.50	8.09	16	SM400A		
1	BR-W	PL	487* 9	437	70.65	15.0	15	SM400A		
1	BR-W	PL	794* 9	894	70.65	50.1	50	SM400A		

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1	VSTF	PL	210* 16	1621	125.6	42.8	43	SM400A		
1	BR-F	PL	230* 10	921	78.50	16.6	17	SM400A		
JL7-JL8							1509 kg			

APPROACH BRIDGE CROSS GIRDER S2 JL8-RR1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	BR-W	PL	484* 9	1123	70.65	38.4	38	SM400A		
1	BR-W	PL	600* 9	1113	70.65	47.2	47	SM400A		
1	BR-STF	PL	90* 9	498	70.65	3.17	3	SM400A		
1	BR-F	PL	230* 10	1014	78.50	18.3	18	SM400A		
JL8-RR1							106 kg			
S2							8597 kg			

APPROACH BRIDGE CROSS GIRDER P6 LL1-JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	BR-W	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	BR-STF	PL	90* 9	509	70.65	3.24	3	SM400A		
1	BR-F	PL	230* 10	1021	78.50	18.4	18	SM400A		
LL1-JL1							53 kg			

APPROACH BRIDGE CROSS GIRDER P6 JL1-JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DIA	PL	2730* 25	2989	196.2	961	961	SM490YB	60	
1	BR-W	PL	787* 9	606	70.65	18.5	18	SM400A	55	
2	D-STF	PL	533* 28	2365	219.8	139	278	SM490YB	50	
2	D-STF	PL	533* 28	2356	219.8	138	276	SM490YB	50	
2	D-STF	PL	113* 10	1053	78.50	9.34	19	SM400A		
1	FB-W	PL	2233* 9	166	70.65	26.2	26	SM400A		
1	FB-F	PL	250* 10	166	78.50	3.26	3	SM400A		
1	DOUBL	PL	930* 50	630	392.5	230	230	SM520C-H		
1	BR-F	PL	230* 10	633	78.50	11.4	11	SM400A		
2	D-FLG	PL	103* 10	1025	78.50	8.29	17	SM400A		
2	D-FLG	PL	103* 10	1053	78.50	8.52	17	SM400A		
2	FB-F	PL	111* 10	166	78.50	1.45	3	SM400A		
JL1-JL2							1859 kg			

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APPROACH BRIDGE CROSS GIRDER P6 JL2-JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	647* 9	1298	70.65	59.3	59	SM400A		
JL2-JL3							59 kg			

APPROACH BRIDGE CROSS GIRDER P6 JL2-JL3CG										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	1597* 9	1285	70.65	145	145	SM400A		
1	FLG	PL	250* 10	1287	78.50	25.3	25	SM400A		
1	FB-STF	PL	110* 9	954	70.65	7.41	7	SM400A		
2	FB-F	PL	111* 10	1285	78.50	11.2	22	SM400A		
JL2-JL3CG							199 kg			

APPROACH BRIDGE CROSS GIRDER P6 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DIA	PL	2690* 22	2727	172.7	1267	1267	SM490YB		
1	FB-W	PL	2183* 9	169	70.65	26.1	26	SM400A		
1	FB-W	PL	2231* 9	169	70.65	26.6	27	SM400A		
1	FB-F	PL	250* 10	169	78.50	3.32	3	SM400A		
1	FB-F	PL	250* 16	169	125.6	5.31	5	SM400A		
2	D-STF	PL	535* 22	2358	172.7	109	218	SM490YB	50	
2	D-STF	PL	535* 22	2350	172.7	109	218	SM490YB	50	
2	D-STF	PL	114* 10	1134	78.50	10.2	20	SM400A		
2	D-STF	PL	114* 16	1134	125.6	16.2	32	SM400A		
1	DOUBL	PL	930* 44	630	345.4	202	202	SM520C-H		
2	FB-F	PL	111* 10	169	78.50	1.47	3	SM400A		
2	D-FLG	PL	104* 10	1134	78.50	9.26	19	SM400A		
2	D-FLG	PL	104* 10	1134	78.50	9.26	19	SM400A		
2	FB-F	PL	111* 10	169	78.50	1.47	3	SM400A		
JL3-JL4							2062 kg			

APPROACH BRIDGE CROSS GIRDER P6 JL4-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	677* 9	2935	70.65	140	140	SM400A		
JL4-JL5							140 kg			

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APPROACH BRIDGE CROSS GIRDER P6 JL4-JL5CG										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	1578* 9	2935	70.65	327	327	SM400A		
1	FLG	PL	250* 16	2935	125.6	92.2	92	SM400A		
1	FB-STF	PL	130* 11	1450	86.35	16.3	16	SM400A		
2	FB-STF	PL	120* 10	1261	78.50	11.9	24	SM400A		
2	FB-F	PL	111* 10	2935	78.50	25.6	51	SM400A		
JL4-JL5CG							510 kg			

APPROACH BRIDGE CROSS GIRDER P6 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DIA	PL	2690* 22	2727	172.7	1267	1267	SM490YB		
1	FB-W	PL	2178* 9	169	70.65	26.0	26	SM400A		
1	FB-W	PL	2231* 9	169	70.65	26.6	27	SM400A		
1	FB-F	PL	250* 16	169	125.6	5.31	5	SM400A		
1	FB-F	PL	280* 16	169	125.6	5.94	6	SM400A		
2	D-STF	PL	535* 22	2358	172.7	109	218	SM490YB	50	
2	D-STF	PL	535* 22	2350	172.7	109	218	SM490YB	50	
2	D-STF	PL	114* 16	1134	125.6	16.2	32	SM400A		
2	D-STF	PL	129* 16	1134	125.6	18.4	37	SM400A		
1	DOUBL	PL	930* 44	630	345.4	202	202	SM520C-H		
2	FB-F	PL	104* 10	168	78.50	1.37	3	SM400A		
4	D-FLG	PL	104* 10	1134	78.50	9.26	37	SM400A		
2	FB-F	PL	111* 10	169	78.50	1.47	3	SM400A		
JL5-JL6							2081 kg			

APPROACH BRIDGE CROSS GIRDER P6 JL6-JL6A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	647* 9	1908	70.65	87.2	87	SM400A		
JL6-JL6A							87 kg			

APPROACH BRIDGE CROSS GIRDER P6 JL6A-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	647* 9	3062	70.65	140	140	SM400A		
JL6A-JL7							140 kg			

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APPROACH BRIDGE CROSS GIRDER P6 JL6-JL7CG										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	1561* 9	4980	70.65	549	549	SM400A		
1	FLG	PL	280* 16	4950	125.6	174	174	SM400A		
1	FB-STF	PL	130* 11	1384	86.35	15.5	16	SM400A		
2	FB-STF	PL	120* 10	2268	78.50	21.4	43	SM400A		
2	FB-F	PL	111* 10	4950	78.50	43.1	86	SM400A		
JL6-JL7CG							868 kg			

APPROACH BRIDGE CROSS GIRDER P6 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DIA	PL	2729* 25	2990	196.2	961	961	SM490YB	60	
1	BR-W	PL	787* 9	609	70.65	18.6	19	SM400A	55	
2	D-STF	PL	533* 28	2365	219.8	139	278	SM490YB	50	
2	D-STF	PL	533* 28	2356	219.8	138	276	SM490YB	50	
2	D-STF	PL	128* 16	1053	125.6	16.9	34	SM400A		
1	FB-W	PL	2218* 9	166	70.65	26.0	26	SM400A		
1	FB-F	PL	280* 16	166	125.6	5.84	6	SM400A		
1	DOUBL	PL	930* 50	630	392.5	230	230	SM520C-H		
1	FB-F	PL	111* 10	166	78.50	1.45	1	SM400A		
1	FB-F	PL	111* 10	168	78.50	1.46	1	SM400A		
1	D-FLG	PL	103* 10	1056	78.50	8.54	9	SM400A		
1	D-FLG	PL	103* 10	1053	78.50	8.52	9	SM400A		
1	D-FLG	PL	103* 10	1252	78.50	10.1	10	SM400A		
1	D-FLG	PL	103* 10	1255	78.50	10.2	10	SM400A		
1	BR-F	PL	230* 10	633	78.50	11.4	11	SM400A		
JL7-JL8							1881 kg			

APPROACH BRIDGE CROSS GIRDER P6 JL8-RR1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	BR-W	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	BR-STF	PL	90* 9	509	70.65	3.24	3	SM400A		
1	BR-F	PL	230* 10	1022	78.50	18.5	18	SM400A		
JL8-RR1							53 kg			
P6							9992 kg			

APPROACH BRIDGE CROSS GIRDER P7 LL1-JL1										
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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	BR-W	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	BR-STF	PL	90* 9	509	70.65	3.24	3	SM400A		
1	BR-F	PL	230* 10	1021	78.50	18.4	18	SM400A		
LL1-JL1							53 kg			

APPROACH BRIDGE CROSS GIRDER P7 JL1-JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DIA	PL	2730* 25	2989	196.2	961	961	SM490YB	60	
1	BR-W	PL	787* 9	606	70.65	18.5	18	SM400A	55	
2	D-STF	PL	533* 28	2365	219.8	139	278	SM490YB	50	
2	D-STF	PL	533* 28	2356	219.8	138	276	SM490YB	50	
2	D-STF	PL	113* 10	1053	78.50	9.34	19	SM400A		
1	FB-W	PL	2233* 9	166	70.65	26.2	26	SM400A		
1	FB-F	PL	250* 10	166	78.50	3.26	3	SM400A		
1	DOUBL	PL	930* 50	630	392.5	230	230	SM520C-H		
1	BR-F	PL	230* 10	630	78.50	11.4	11	SM400A		
2	D-FLG	PL	103* 10	1254	78.50	10.1	20	SM400A		
2	D-FLG	PL	103* 10	1053	78.50	8.52	17	SM400A		
2	FB-F	PL	111* 10	166	78.50	1.45	3	SM400A		
JL1-JL2							1862 kg			

APPROACH BRIDGE CROSS GIRDER P7 JL2-JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	647* 9	1298	70.65	59.3	59	SM400A		
JL2-JL3							59 kg			

APPROACH BRIDGE CROSS GIRDER P7 JL2-JL3CG										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	1597* 9	1285	70.65	145	145	SM400A		
1	FLG	PL	250* 10	1287	78.50	25.3	25	SM400A		
1	FB-STF	PL	110* 9	954	70.65	7.41	7	SM400A		
2	FB-F	PL	111* 10	1285	78.50	11.2	22	SM400A		
JL2-JL3CG							199 kg			

APPROACH BRIDGE CROSS GIRDER P7 JL3-JL4										
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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DIA	PL	2690* 22	2727	172.7	1267	1267	SM490YB		
1	FB-W	PL	2183* 9	169	70.65	26.1	26	SM400A		
1	FB-W	PL	2231* 9	169	70.65	26.6	27	SM400A		
1	FB-F	PL	250* 10	169	78.50	3.32	3	SM400A		
1	FB-F	PL	250* 16	169	125.6	5.31	5	SM400A		
2	D-STF	PL	535* 22	2358	172.7	109	218	SM490YB	50	
2	D-STF	PL	535* 22	2350	172.7	109	218	SM490YB	50	
2	D-STF	PL	114* 10	1134	78.50	10.2	20	SM400A		
2	D-STF	PL	114* 16	1134	125.6	16.2	32	SM400A		
1	DOUBL	PL	930* 44	630	345.4	202	202	SM520C-H		
2	FB-F	PL	111* 10	169	78.50	1.47	3	SM400A		
2	D-FLG	PL	104* 10	1134	78.50	9.26	19	SM400A		
2	D-FLG	PL	104* 10	1134	78.50	9.26	19	SM400A		
2	FB-F	PL	111* 10	169	78.50	1.47	3	SM400A		
JL3-JL4							2062 kg			

APPROACH BRIDGE CROSS GIRDER P7 JL4-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	677* 9	2935	70.65	140	140	SM400A		
JL4-JL5							140 kg			

APPROACH BRIDGE CROSS GIRDER P7 JL4-JL5CG										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	1578* 9	2935	70.65	327	327	SM400A		
1	FLG	PL	250* 16	2935	125.6	92.2	92	SM400A		
1	FB-STF	PL	130* 11	1450	86.35	16.3	16	SM400A		
2	FB-STF	PL	120* 10	1261	78.50	11.9	24	SM400A		
2	FB-F	PL	111* 10	2935	78.50	25.6	51	SM400A		
JL4-JL5CG							510 kg			

APPROACH BRIDGE CROSS GIRDER P7 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DIA	PL	2690* 22	2727	172.7	1267	1267	SM490YB		
1	FB-W	PL	2179* 9	169	70.65	26.0	26	SM400A		
1	FB-W	PL	2231* 9	169	70.65	26.6	27	SM400A		
1	FB-F	PL	250* 16	169	125.6	5.31	5	SM400A		

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1	FB-F	PL	250* 16	169	125.6	5.31	5	SM400A		
2	D-STF	PL	535* 22	2358	172.7	109	218	SM490YB	50	
2	D-STF	PL	535* 22	2350	172.7	109	218	SM490YB	50	
2	D-STF	PL	114* 16	1134	125.6	16.2	32	SM400A		
2	D-STF	PL	129* 16	1134	125.6	18.4	37	SM400A		
1	DOUBL	PL	930* 44	630	345.4	202	202	SM520C-H		
2	FB-F	PL	111* 10	169	78.50	1.47	3	SM400A		
2	D-FLG	PL	104* 10	1134	78.50	9.26	19	SM400A		
2	D-FLG	PL	104* 10	1134	78.50	9.26	19	SM400A		
2	FB-F	PL	111* 10	169	78.50	1.47	3	SM400A		
JL5-JL6							2081 kg			

APPROACH BRIDGE CROSS GIRDER P7 JL6-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	647* 9	2372	70.65	108	108	SM400A		
JL6-JL7							108 kg			

APPROACH BRIDGE CROSS GIRDER P7 JL6-JL7CG										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	1607* 9	2358	70.65	268	268	SM400A		
1	FLG	PL	280* 16	2360	125.6	83.0	83	SM400A		
1	FB-STF	PL	130* 11	1384	86.35	15.5	16	SM400A		
2	FB-STF	PL	110* 9	973	70.65	7.56	15	SM400A		
2	FB-F	PL	111* 10	2358	78.50	20.5	41	SM400A		
JL6-JL7CG							423 kg			

APPROACH BRIDGE CROSS GIRDER P7 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DIA	PL	2729* 25	2997	196.2	963	963	SM490YB	60	
1	BR-W	PL	787* 9	607	70.65	18.6	19	SM400A	55	
2	D-STF	PL	533* 28	2365	219.8	139	278	SM490YB	50	
2	D-STF	PL	533* 28	2356	219.8	138	276	SM490YB	50	
2	D-STF	PL	128* 16	1057	125.6	17.0	34	SM400A		
1	FB-W	PL	2218* 9	166	70.65	26.0	26	SM400A		
1	FB-F	PL	280* 16	166	125.6	5.84	6	SM400A		
1	DOUBL	PL	930* 50	630	392.5	230	230	SM520C-H		
1	FB-F	PL	111* 10	163	78.50	1.42	1	SM400A		
1	FB-F	PL	111* 10	172	78.50	1.50	2	SM400A		

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1	D-FLG	PL	103* 10	1063	78.50	8.60	9	SM400A			
1	D-FLG	PL	103* 10	1055	78.50	8.53	9	SM400A			
1	D-FLG	PL	103* 10	1254	78.50	10.1	10	SM400A			
1	D-FLG	PL	103* 10	1263	78.50	10.2	10	SM400A			
1	BR-F	PL	230* 10	634	78.50	11.4	11	SM400A			
							JL7-JL8				1884 kg

APPROACH BRIDGE CROSS GIRDER P7 JL8-RR1											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	BR-W	PL	636* 9	1116	70.65	32.6	33	SM400A	65		
1	BR-STF	PL	90* 9	509	70.65	3.24	3	SM400A			
1	BR-F	PL	230* 10	1024	78.50	18.5	18	SM400A			
							JL8-RR1				54 kg
							P7				9435 kg
							CROSS GIRDER				37063 kg
							APPROACH BRIDGE				37063 kg

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APPROACH BRIDGE CROSS GIRDER SPLICE S1 JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	367* 9	165	70.65	4.28	9	SS400		DECK
8		TCB	M 22* 65			0.508	4	S10T		DECK
2	SPL	PL	516* 9	297	70.65	10.8	22	SS400		BR-W
21		TCB	M 22* 65			0.508	11	S10T		BR-W
2	SPL	PL	80* 9	297	70.65	1.68	3	SS400		BR-F
1	SPL	PL	220* 9	297	70.65	4.62	5	SS400		BR-F
8		TCB	M 22* 65			0.508	4	S10T		BR-F
JL1							58 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE S1 JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	367* 9	165	70.65	4.28	9	SS400		DECK
8		TCB	M 22* 65			0.508	4	S10T		DECK
2	SPL	PL	686* 9	297	70.65	14.4	29	SS400		WEB
25		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	805* 9	297	70.65	16.9	34	SS400		WEB
36		TCB	M 22* 65			0.508	18	S10T		WEB
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
2	SPL	PL	155* 11	297	86.35	3.98	8	SS400		FLG
1	SPL	PL	370* 9	297	70.65	7.76	8	SS400		FLG
8		TCB	M 22* 75			0.538	4	S10T		FLG
JL2							138 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE S1 HL1HS										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	180* 9	957	70.65	12.2	24	SS400		WEB
20		TCB	M 22* 65			0.508	10	S10T		WEB
HL1HS							34 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE S1 JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	367* 9	165	70.65	4.28	9	SS400		DECK
8		TCB	M 22* 65			0.508	4	S10T		DECK
2	SPL	PL	687* 9	297	70.65	14.4	29	SS400		WEB

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25		TCB	M 22* 65			0.508	13	S10T		WEB	
2	SPL	PL	760* 9	297	70.65	15.9	32	SS400		WEB	
36		TCB	M 22* 65			0.508	18	S10T		WEB	
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F	
8		TCB	M 22* 65			0.508	4	S10T		FB-F	
2	SPL	PL	155* 11	297	86.35	3.98	8	SS400		FLG	
1	SPL	PL	370* 9	297	70.65	7.76	8	SS400		FLG	
8		TCB	M 22* 75			0.538	4	S10T		FLG	
JL3							136 kg				

APPROACH BRIDGE CROSS GIRDER SPLICE S1 JL4											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	SPL	PL	367* 9	165	70.65	4.28	9	SS400		DECK	
8		TCB	M 22* 65			0.508	4	S10T		DECK	
2	SPL	PL	687* 9	297	70.65	14.4	29	SS400		WEB	
25		TCB	M 22* 65			0.508	13	S10T		WEB	
2	SPL	PL	797* 9	297	70.65	16.7	33	SS400		WEB	
36		TCB	M 22* 65			0.508	18	S10T		WEB	
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F	
8		TCB	M 22* 65			0.508	4	S10T		FB-F	
2	SPL	PL	155* 11	297	86.35	3.98	8	SS400		FLG	
1	SPL	PL	370* 9	297	70.65	7.76	8	SS400		FLG	
8		TCB	M 22* 75			0.538	4	S10T		FLG	
JL4							137 kg				

APPROACH BRIDGE CROSS GIRDER SPLICE S1 HL2HS											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	SPL	PL	180* 9	2603	70.65	33.1	66	SS400		WEB	
50		TCB	M 22* 65			0.508	25	S10T		WEB	
HL2HS							91 kg				

APPROACH BRIDGE CROSS GIRDER SPLICE S1 JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	367* 9	165	70.65	4.28	9	SS400		DECK
8		TCB	M 22* 65			0.508	4	S10T		DECK
2	SPL	PL	686* 9	297	70.65	14.4	29	SS400		WEB
25		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	797* 9	297	70.65	16.7	33	SS400		WEB

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36		TCB	M 22* 65			0.508	18	S10T		WEB
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
2	SPL	PL	155* 11	297	86.35	3.98	8	SS400		FLG
1	SPL	PL	370* 9	297	70.65	7.76	8	SS400		FLG
8		TCB	M 22* 75			0.538	4	S10T		FLG
JL5										
137 kg										

APPROACH BRIDGE CROSS GIRDER SPLICE S1 JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	367* 9	165	70.65	4.28	9	SS400		DECK
8		TCB	M 22* 65			0.508	4	S10T		DECK
2	SPL	PL	686* 9	297	70.65	14.4	29	SS400		WEB
25		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	760* 9	297	70.65	15.9	32	SS400		WEB
36		TCB	M 22* 65			0.508	18	S10T		WEB
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
2	SPL	PL	155* 11	297	86.35	3.98	8	SS400		FLG
1	SPL	PL	370* 9	297	70.65	7.76	8	SS400		FLG
8		TCB	M 22* 75			0.538	4	S10T		FLG
JL6										
136 kg										

APPROACH BRIDGE CROSS GIRDER SPLICE S1 JL6A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	367* 9	165	70.65	4.28	9	SS400		DECK
8		TCB	M 22* 65			0.508	4	S10T		DECK
2	SPL	PL	685* 9	297	70.65	14.4	29	SS400		WEB
22		TCB	M 22* 65			0.508	11	S10T		WEB
JL6A										
53 kg										

APPROACH BRIDGE CROSS GIRDER SPLICE S1 JL6B										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	367* 9	165	70.65	4.28	9	SS400		DECK
8		TCB	M 22* 65			0.508	4	S10T		DECK
2	SPL	PL	685* 9	297	70.65	14.4	29	SS400		WEB
22		TCB	M 22* 65			0.508	11	S10T		WEB

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JL6B	53 kg
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APPROACH BRIDGE CROSS GIRDER SPLICE S1 JL6C										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	367* 9	165	70.65	4.28	9	SS400		DECK
8		TCB	M 22* 65			0.508	4	S10T		DECK
2	SPL	PL	685* 9	297	70.65	14.4	29	SS400		WEB
22		TCB	M 22* 65			0.508	11	S10T		WEB
JL6C							53 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE S1 HL3HS										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	180* 9	1567	70.65	19.9	40	SS400		WEB
30		TCB	M 22* 65			0.508	15	S10T		WEB
2	SPL	PL	180* 9	1587	70.65	20.2	40	SS400		WEB
30		TCB	M 22* 65			0.508	15	S10T		WEB
2	SPL	PL	180* 9	1587	70.65	20.2	40	SS400		WEB
30		TCB	M 22* 65			0.508	15	S10T		WEB
2	SPL	PL	180* 9	1773	70.65	22.5	45	SS400		WEB
34		TCB	M 22* 65			0.508	17	S10T		WEB
HL3HS							227 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE S1 JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	367* 9	165	70.65	4.28	9	SS400		DECK
8		TCB	M 22* 65			0.508	4	S10T		DECK
2	SPL	PL	685* 9	297	70.65	14.4	29	SS400		WEB
25		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	806* 9	297	70.65	16.9	34	SS400		WEB
36		TCB	M 22* 65			0.508	18	S10T		WEB
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
2	SPL	PL	155* 11	297	86.35	3.98	8	SS400		FLG
1	SPL	PL	370* 9	297	70.65	7.76	8	SS400		FLG
8		TCB	M 22* 75			0.538	4	S10T		FLG
JL7							138 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE S1 JL8
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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	367* 9	165	70.65	4.28	9	SS400		DECK
8		TCB	M 22* 65			0.508	4	S10T		DECK
2	SPL	PL	516* 9	297	70.65	10.8	22	SS400		BR-W
21		TCB	M 22* 65			0.508	11	S10T		BR-W
2	SPL	PL	80* 9	297	70.65	1.68	3	SS400		BR-F
1	SPL	PL	220* 9	297	70.65	4.62	5	SS400		BR-F
8		TCB	M 22* 65			0.508	4	S10T		BR-F
JL8							58 kg			
S1							1449 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE S2 JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	367* 9	165	70.65	4.28	9	SS400		DECK
8		TCB	M 22* 65			0.508	4	S10T		DECK
2	SPL	PL	516* 9	297	70.65	10.8	22	SS400		BR-W
21		TCB	M 22* 65			0.508	11	S10T		BR-W
2	SPL	PL	80* 9	297	70.65	1.68	3	SS400		BR-F
1	SPL	PL	220* 9	297	70.65	4.62	5	SS400		BR-F
8		TCB	M 22* 65			0.508	4	S10T		BR-F
JL1							58 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE S2 JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	367* 9	165	70.65	4.28	9	SS400		DECK
8		TCB	M 22* 65			0.508	4	S10T		DECK
2	SPL	PL	685* 9	297	70.65	14.4	29	SS400		WEB
25		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	805* 9	297	70.65	16.9	34	SS400		WEB
36		TCB	M 22* 65			0.508	18	S10T		WEB
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
2	SPL	PL	155* 11	297	86.35	3.98	8	SS400		FLG
1	SPL	PL	370* 9	297	70.65	7.76	8	SS400		FLG
8		TCB	M 22* 75			0.538	4	S10T		FLG
JL2							138 kg			

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APPROACH BRIDGE CROSS GIRDER SPLICE S2 HL1HS										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	180* 9	957	70.65	12.2	24	SS400		WEB
20		TCB	M 22* 65			0.508	10	S10T		WEB
							HL1HS 34 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE S2 JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	367* 9	165	70.65	4.28	9	SS400		DECK
8		TCB	M 22* 65			0.508	4	S10T		DECK
2	SPL	PL	686* 9	297	70.65	14.4	29	SS400		WEB
25		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	760* 9	297	70.65	15.9	32	SS400		WEB
36		TCB	M 22* 65			0.508	18	S10T		WEB
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
2	SPL	PL	155* 11	297	86.35	3.98	8	SS400		FLG
1	SPL	PL	370* 9	297	70.65	7.76	8	SS400		FLG
8		TCB	M 22* 75			0.538	4	S10T		FLG
							JL3 136 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE S2 JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	367* 9	165	70.65	4.28	9	SS400		DECK
8		TCB	M 22* 65			0.508	4	S10T		DECK
2	SPL	PL	685* 9	297	70.65	14.4	29	SS400		WEB
25		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	797* 9	297	70.65	16.7	33	SS400		WEB
36		TCB	M 22* 65			0.508	18	S10T		WEB
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
2	SPL	PL	155* 11	297	86.35	3.98	8	SS400		FLG
1	SPL	PL	370* 9	297	70.65	7.76	8	SS400		FLG
8		TCB	M 22* 75			0.538	4	S10T		FLG
							JL4 137 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE S2 JL4A										

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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	367* 9	165	70.65	4.28	9	SS400		DECK
8		TCB	M 22* 65			0.508	4	S10T		DECK
2	SPL	PL	733* 9	297	70.65	15.4	31	SS400		WEB
22		TCB	M 22* 65			0.508	11	S10T		WEB
JL4A							55 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE S2 HL2HS										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	180* 9	2433	70.65	30.9	62	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
2	SPL	PL	180* 9	2033	70.65	25.9	52	SS400		WEB
40		TCB	M 22* 65			0.508	20	S10T		WEB
HL2HS							158 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE S2 JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	367* 9	165	70.65	4.28	9	SS400		DECK
8		TCB	M 22* 65			0.508	4	S10T		DECK
2	SPL	PL	685* 9	297	70.65	14.4	29	SS400		WEB
25		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	797* 9	297	70.65	16.7	33	SS400		WEB
36		TCB	M 22* 65			0.508	18	S10T		WEB
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
2	SPL	PL	155* 11	297	86.35	3.98	8	SS400		FLG
1	SPL	PL	370* 9	297	70.65	7.76	8	SS400		FLG
8		TCB	M 22* 75			0.538	4	S10T		FLG
JL5							137 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE S2 JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	367* 9	165	70.65	4.28	9	SS400		DECK
8		TCB	M 22* 65			0.508	4	S10T		DECK
2	SPL	PL	686* 9	297	70.65	14.4	29	SS400		WEB
25		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	757* 9	297	70.65	15.9	32	SS400		WEB
36		TCB	M 22* 65			0.508	18	S10T		WEB

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4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F	
8		TCB	M 22* 65			0.508	4	S10T		FB-F	
2	SPL	PL	155* 11	297	86.35	3.98	8	SS400		FLG	
1	SPL	PL	370* 9	297	70.65	7.76	8	SS400		FLG	
8		TCB	M 22* 75			0.538	4	S10T		FLG	
							JL6				136 kg

APPROACH BRIDGE CROSS GIRDER SPLICE S2 HL3HS											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	SPL	PL	180* 9	957	70.65	12.2	24	SS400		WEB	
20		TCB	M 22* 65			0.508	10	S10T		WEB	
							HL3HS				34 kg

APPROACH BRIDGE CROSS GIRDER SPLICE S2 JL7											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	SPL	PL	367* 9	165	70.65	4.28	9	SS400		DECK	
8		TCB	M 22* 65			0.508	4	S10T		DECK	
2	SPL	PL	680* 9	297	70.65	14.3	29	SS400		WEB	
25		TCB	M 22* 65			0.508	13	S10T		WEB	
2	SPL	PL	784* 9	297	70.65	16.4	33	SS400		WEB	
36		TCB	M 22* 65			0.508	18	S10T		WEB	
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F	
8		TCB	M 22* 65			0.508	4	S10T		FB-F	
2	SPL	PL	155* 11	297	86.35	3.98	8	SS400		FLG	
1	SPL	PL	370* 9	297	70.65	7.76	8	SS400		FLG	
8		TCB	M 22* 75			0.538	4	S10T		FLG	
							JL7				137 kg

APPROACH BRIDGE CROSS GIRDER SPLICE S2 JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	367* 9	165	70.65	4.28	9	SS400		DECK
8		TCB	M 22* 65			0.508	4	S10T		DECK
2	SPL	PL	516* 9	297	70.65	10.8	22	SS400		BR-W
21		TCB	M 22* 65			0.508	11	S10T		BR-W
2	SPL	PL	80* 9	297	70.65	1.68	3	SS400		BR-F
1	SPL	PL	220* 9	297	70.65	4.62	5	SS400		BR-F
8		TCB	M 22* 65			0.508	4	S10T		BR-F

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JL8	58 kg
S2	1218 kg

APPROACH BRIDGE CROSS GIRDER SPLICE P6 JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	556* 9	297	70.65	11.7	23	SS400		BR-W
21		TCB	M 22* 65			0.508	11	S10T		BR-W
2	SPL	PL	80* 9	297	70.65	1.68	3	SS400		BR-F
1	SPL	PL	220* 9	297	70.65	4.62	5	SS400		BR-F
8		TCB	M 22* 65			0.508	4	S10T		BR-F
							JL1	46 kg		

APPROACH BRIDGE CROSS GIRDER SPLICE P6 JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	685* 9	297	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	1305* 9	297	70.65	27.4	55	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG
2	SPL	PL	100* 9	297	70.65	2.10	4	SS400		FLG
8		TCB	M 22* 65			0.508	4	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
							JL2	145 kg		

APPROACH BRIDGE CROSS GIRDER SPLICE P6 HL1HS										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	180* 9	957	70.65	12.2	24	SS400		WEB
20		TCB	M 22* 65			0.508	10	S10T		WEB
							HL1HS	34 kg		

APPROACH BRIDGE CROSS GIRDER SPLICE P6 JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	685* 9	297	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	1260* 9	297	70.65	26.4	53	SS400		WEB

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48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG
2	SPL	PL	100* 9	297	70.65	2.10	4	SS400		FLG
8		TCB	M 22* 65			0.508	4	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
JL3										143 kg

APPROACH BRIDGE CROSS GIRDER SPLICE P6 JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	685* 9	297	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	1304* 9	297	70.65	27.4	55	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG
2	SPL	PL	100* 11	297	86.35	2.56	5	SS400		FLG
8		TCB	M 22* 75			0.538	4	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
JL4										146 kg

APPROACH BRIDGE CROSS GIRDER SPLICE P6 HL2HS										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	180* 9	2603	70.65	33.1	66	SS400		WEB
50		TCB	M 22* 65			0.508	25	S10T		WEB
HL2HS										91 kg

APPROACH BRIDGE CROSS GIRDER SPLICE P6 JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	686* 9	297	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	1304* 9	297	70.65	27.4	55	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG
2	SPL	PL	100* 11	297	86.35	2.56	5	SS400		FLG
8		TCB	M 22* 75			0.538	4	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F

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JL5	146 kg
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APPROACH BRIDGE CROSS GIRDER SPLICE P6 JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	686* 9	297	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	1252* 9	297	70.65	26.3	53	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	270* 9	297	70.65	5.67	6	SS400		FLG
2	SPL	PL	105* 12	297	94.20	2.94	6	SS400		FLG
12		TCB	M 22* 75			0.538	6	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
JL6							148 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE P6 JL6A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	685* 9	297	70.65	14.4	29	SS400		WEB
24		TCB	M 22* 65			0.508	12	S10T		WEB
JL6A							41 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE P6 HL3HS										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	180* 9	1563	70.65	19.9	40	SS400		WEB
30		TCB	M 22* 65			0.508	15	S10T		WEB
2	SPL	PL	180* 9	2720	70.65	34.6	69	SS400		WEB
52		TCB	M 22* 65			0.508	26	S10T		WEB
HL3HS							150 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE P6 JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	685* 9	297	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	1291* 9	297	70.65	27.1	54	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	270* 9	297	70.65	5.67	6	SS400		FLG

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2	SPL	PL	105* 12	297	94.20	2.94	6	SS400		FLG
12		TCB	M 22* 75			0.538	6	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
							JL7			
							149 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE P6 JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	556* 9	297	70.65	11.7	23	SS400		BR-W
21		TCB	M 22* 65			0.508	11	S10T		BR-W
2	SPL	PL	80* 9	297	70.65	1.68	3	SS400		BR-F
1	SPL	PL	220* 9	297	70.65	4.62	5	SS400		BR-F
8		TCB	M 22* 65			0.508	4	S10T		BR-F
							JL8			
							46 kg			
							P6			
							1285 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE P7 JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	556* 9	297	70.65	11.7	23	SS400		BR-W
21		TCB	M 22* 65			0.508	11	S10T		BR-W
2	SPL	PL	80* 9	297	70.65	1.68	3	SS400		BR-F
1	SPL	PL	220* 9	297	70.65	4.62	5	SS400		BR-F
8		TCB	M 22* 65			0.508	4	S10T		BR-F
							JL1			
							46 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE P7 JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	685* 9	297	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	1305* 9	297	70.65	27.4	55	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG
2	SPL	PL	100* 9	297	70.65	2.10	4	SS400		FLG
8		TCB	M 22* 65			0.508	4	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F

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JL2	145 kg
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APPROACH BRIDGE CROSS GIRDER SPLICE P7 HL1HS										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	180* 9	957	70.65	12.2	24	SS400		WEB
20		TCB	M 22* 65			0.508	10	S10T		WEB
HL1HS							34 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE P7 JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	686* 9	297	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	1260* 9	297	70.65	26.4	53	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG
2	SPL	PL	100* 9	297	70.65	2.10	4	SS400		FLG
8		TCB	M 22* 65			0.508	4	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
JL3							143 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE P7 JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	685* 9	297	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	1304* 9	297	70.65	27.4	55	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG
2	SPL	PL	100* 11	297	86.35	2.56	5	SS400		FLG
8		TCB	M 22* 75			0.538	4	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
JL4							146 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE P7 HL2HS										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	180* 9	2603	70.65	33.1	66	SS400		WEB

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50		TCB	M 22* 65			0.508	25	S10T		WEB
HL2HS						91 kg				

APPROACH BRIDGE CROSS GIRDER SPLICE P7 JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	685* 9	297	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	1304* 9	297	70.65	27.4	55	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG
2	SPL	PL	100* 11	297	86.35	2.56	5	SS400		FLG
8		TCB	M 22* 75			0.538	4	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
JL5						146 kg				

APPROACH BRIDGE CROSS GIRDER SPLICE P7 JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	686* 9	297	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	1254* 9	297	70.65	26.3	53	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	270* 9	297	70.65	5.67	6	SS400		FLG
2	SPL	PL	105* 12	297	94.20	2.94	6	SS400		FLG
12		TCB	M 22* 75			0.538	6	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
JL6						148 kg				

APPROACH BRIDGE CROSS GIRDER SPLICE P7 HL3HS										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	180* 9	2030	70.65	25.8	52	SS400		WEB
40		TCB	M 22* 65			0.508	20	S10T		WEB
HL3HS						72 kg				

APPROACH BRIDGE CROSS GIRDER SPLICE P7 JL7										

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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	685* 9	297	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	1291* 9	297	70.65	27.1	54	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	270* 9	297	70.65	5.67	6	SS400		FLG
2	SPL	PL	105* 12	297	94.20	2.94	6	SS400		FLG
12		TCB	M 22* 75			0.538	6	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
JL7							149 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE P7 JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	556* 9	297	70.65	11.7	23	SS400		BR-W
21		TCB	M 22* 65			0.508	11	S10T		BR-W
2	SPL	PL	80* 9	297	70.65	1.68	3	SS400		BR-F
1	SPL	PL	220* 9	297	70.65	4.62	5	SS400		BR-F
8		TCB	M 22* 65			0.508	4	S10T		BR-F
JL8							46 kg			
P7							1166 kg			
CROSS GIRDER SPLICE							5118 kg			
APPROACH BRIDGE							5118 kg			

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APPROACH BRIDGE CROSS GIRDER C1 LL1-JL1											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	BR-W	PL	636* 9	1113	70.65	32.5	32	SM400A	65		
1	BR-STF	PL	90* 9	509	70.65	3.24	3	SM400A			
1	BR-F	PL	230* 10	1024	78.50	18.5	18	SM400A			
							LL1-JL1				53 kg

APPROACH BRIDGE CROSS GIRDER C1 JL1-JL2											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	DIA	PL	2730* 9	2989	70.65	346	346	SM400A	60		
1	BR-W	PL	788* 9	609	70.65	18.6	19	SM400A	55		
2	D-STF	PL	121* 10	1144	78.50	10.9	22	SM400A			
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A			
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A			
2	D-STF	PL	90* 9	503	70.65	3.20	6	SM400A			
1	FB-W	PL	2233* 9	168	70.65	26.5	26	SM400A			
1	FB-F	PL	250* 10	168	78.50	3.30	3	SM400A			
1	BR-F	PL	230* 10	633	78.50	11.4	11	SM400A			
2	D-FLG	PL	111* 10	2546	78.50	22.2	44	SM400A			
2	FB-F	PL	111* 10	168	78.50	1.46	3	SM400A			
							JL1-JL2				524 kg

APPROACH BRIDGE CROSS GIRDER C1 JL2-JL3											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	WEB	PL	673* 9	1285	70.65	61.1	61	SM400A			
							JL2-JL3				61 kg

APPROACH BRIDGE CROSS GIRDER C1 JL2-JL3CG											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	WEB	PL	1596* 9	1285	70.65	145	145	SM400A			
1	FLG	PL	250* 10	1287	78.50	25.3	25	SM400A			
1	FB-STF	PL	130* 11	1392	86.35	15.6	16	SM400A			
2	FB-STF	PL	110* 9	438	70.65	3.40	7	SM400A			
2	FB-F	PL	111* 10	1285	78.50	11.2	22	SM400A			
							JL2-JL3CG				215 kg

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APPROACH BRIDGE CROSS GIRDER C1 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DIA	PL	2690* 9	2727	70.65	415	415	SM400A	80	
1	FB-W	PL	2182* 9	169	70.65	26.1	26	SM400A		
1	FB-W	PL	2231* 9	169	70.65	26.6	27	SM400A		
1	FB-F	PL	250* 10	168	78.50	3.30	3	SM400A		
1	FB-F	PL	250* 16	168	125.6	5.28	5	SM400A		
2	D-STF	PL	121* 16	2690	125.6	40.9	82	SM400A		
2	D-STF	PL	100* 10	1383	78.50	10.9	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	90* 9	765	70.65	4.86	10	SM400A		
2	FB-F	PL	111* 10	169	78.50	1.47	3	SM400A		
2	D-FLG	PL	111* 10	2691	78.50	23.4	47	SM400A		
2	FB-F	PL	111* 10	169	78.50	1.47	3	SM400A		
JL3-JL4							665 kg			

APPROACH BRIDGE CROSS GIRDER C1 JL4-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	677* 9	2935	70.65	119	119	SM400A	85	
JL4-JL5							119 kg			

APPROACH BRIDGE CROSS GIRDER C1 JL4-JL5CG										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	1578* 9	2935	70.65	327	327	SM400A		
1	FLG	PL	250* 16	2935	125.6	92.2	92	SM400A		
1	FB-STF	PL	130* 11	1450	86.35	16.3	16	SM400A		
2	FB-STF	PL	120* 10	1261	78.50	11.9	24	SM400A		
2	FB-F	PL	111* 10	2935	78.50	25.6	51	SM400A		
JL4-JL5CG							510 kg			

APPROACH BRIDGE CROSS GIRDER C1 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DIA	PL	2690* 9	2727	70.65	415	415	SM400A	80	
1	FB-W	PL	2231* 9	169	70.65	26.6	27	SM400A		
1	FB-W	PL	2178* 9	169	70.65	26.0	26	SM400A		
1	FB-F	PL	250* 16	168	125.6	5.28	5	SM400A		
1	FB-F	PL	280* 16	168	125.6	5.91	6	SM400A		

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2	D-STF	PL	136* 16	2690	125.6	45.9	92	SM400A		
2	D-STF	PL	100* 10	1383	78.50	10.9	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	90* 9	765	70.65	4.86	10	SM400A		
2	FB-F	PL	111* 10	169	78.50	1.47	3	SM400A		
2	D-FLG	PL	111* 10	2691	78.50	23.4	47	SM400A		
2	FB-F	PL	111* 10	169	78.50	1.47	3	SM400A		
JL5-JL6							678 kg			

APPROACH BRIDGE CROSS GIRDER C1 JL6-JL6A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	647* 9	1908	70.65	87.2	87	SM400A		
JL6-JL6A							87 kg			

APPROACH BRIDGE CROSS GIRDER C1 JL6A-JL6B										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	647* 9	1928	70.65	88.1	88	SM400A		
JL6A-JL6B							88 kg			

APPROACH BRIDGE CROSS GIRDER C1 JL6B-JL6C										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	647* 9	1928	70.65	88.1	88	SM400A		
JL6B-JL6C							88 kg			

APPROACH BRIDGE CROSS GIRDER C1 JL6C-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	647* 9	1639	70.65	74.9	75	SM400A		
JL6C-JL7							75 kg			

APPROACH BRIDGE CROSS GIRDER C1 JL6-JL7CG										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	1574* 9	7399	70.65	823	823	SM400A		
1	FLG	PL	280* 16	7369	125.6	259	259	SM400A		
1	FB-STF	PL	130* 11	1381	86.35	15.5	16	SM400A		

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1	FB-STF	PL	130* 11	1400	86.35	15.7	16	SM400A		
1	FB-STF	PL	120* 10	2190	78.50	20.6	21	SM400A		
1	FB-STF	PL	120* 10	2499	78.50	23.5	24	SM400A		
1	FB-STF	PL	120* 10	2190	78.50	20.6	21	SM400A		
2	FB-F	PL	111* 10	7367	78.50	64.2	128	SM400A		
JL6-JL7CG								1308 kg		

APPROACH BRIDGE CROSS GIRDER C1 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DIA	PL	2730* 9	2989	70.65	346	346	SM400A	60	
1	BR-W	PL	788* 9	609	70.65	18.6	19	SM400A	55	
2	D-STF	PL	136* 16	1144	125.6	19.5	39	SM400A		
2	D-STF	PL	100* 10	1411	78.50	11.1	22	SM400A		
2	D-STF	PL	100* 10	1397	78.50	11.0	22	SM400A		
2	D-STF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	FB-W	PL	2232* 9	168	70.65	26.5	26	SM400A		
1	FB-F	PL	280* 16	167	125.6	5.87	6	SM400A		
1	FB-F	PL	111* 10	168	78.50	1.46	1	SM400A		
1	FB-F	PL	111* 10	174	78.50	1.52	2	SM400A		
2	D-FLG	PL	111* 10	2545	78.50	22.2	44	SM400A		
1	BR-F	PL	230* 10	633	78.50	11.4	11	SM400A		
JL7-JL8								544 kg		

APPROACH BRIDGE CROSS GIRDER C1 JL8-RR1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	BR-W	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	BR-STF	PL	90* 9	509	70.65	3.24	3	SM400A		
1	BR-F	PL	230* 10	1024	78.50	18.5	18	SM400A		
JL8-RR1								53 kg		
C1								5068 kg		

APPROACH BRIDGE CROSS GIRDER C2 LL1-JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	BR-W	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	BR-STF	PL	90* 9	509	70.65	3.24	3	SM400A		
1	BR-F	PL	230* 10	1024	78.50	18.5	18	SM400A		

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LL1-JL1	53 kg
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APPROACH BRIDGE CROSS GIRDER C2 JL1-JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DIA	PL	2730* 9	2989	70.65	346	346	SM400A	60	
1	BR-W	PL	788* 9	609	70.65	18.6	19	SM400A	55	
2	D-STF	PL	121* 10	1144	78.50	10.9	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	FB-W	PL	2233* 9	168	70.65	26.5	26	SM400A		
1	FB-F	PL	250* 10	168	78.50	3.30	3	SM400A		
1	BR-F	PL	230* 10	633	78.50	11.4	11	SM400A		
2	D-FLG	PL	111* 10	2546	78.50	22.2	44	SM400A		
2	FB-F	PL	111* 10	168	78.50	1.46	3	SM400A		
JL1-JL2							524 kg			

APPROACH BRIDGE CROSS GIRDER C2 JL2-JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	673* 9	1285	70.65	61.1	61	SM400A		
JL2-JL3							61 kg			

APPROACH BRIDGE CROSS GIRDER C2 JL2-JL3CG										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	1596* 9	1285	70.65	145	145	SM400A		
1	FLG	PL	250* 10	1287	78.50	25.3	25	SM400A		
1	FB-STF	PL	130* 11	1392	86.35	15.6	16	SM400A		
2	FB-STF	PL	110* 9	438	70.65	3.40	7	SM400A		
2	FB-F	PL	111* 10	1285	78.50	11.2	22	SM400A		
JL2-JL3CG							215 kg			

APPROACH BRIDGE CROSS GIRDER C2 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DIA	PL	2690* 9	2727	70.65	415	415	SM400A	80	
1	FB-W	PL	2182* 9	169	70.65	26.1	26	SM400A		
1	FB-W	PL	2231* 9	169	70.65	26.6	27	SM400A		
1	FB-F	PL	250* 10	168	78.50	3.30	3	SM400A		

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1	FB-F	PL	250* 16	168	125.6	5.28	5	SM400A		
2	D-STF	PL	121* 16	2690	125.6	40.9	82	SM400A		
2	D-STF	PL	100* 10	1383	78.50	10.9	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	90* 9	765	70.65	4.86	10	SM400A		
2	FB-F	PL	111* 10	169	78.50	1.47	3	SM400A		
2	D-FLG	PL	111* 10	2691	78.50	23.4	47	SM400A		
2	FB-F	PL	111* 10	169	78.50	1.47	3	SM400A		
JL3-JL4							665 kg			

APPROACH BRIDGE CROSS GIRDER C2 JL4-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	677* 9	2935	70.65	119	119	SM400A	85	
JL4-JL5							119 kg			

APPROACH BRIDGE CROSS GIRDER C2 JL4-JL5CG										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	1578* 9	2935	70.65	327	327	SM400A		
1	FLG	PL	250* 16	2935	125.6	92.2	92	SM400A		
1	FB-STF	PL	130* 11	1450	86.35	16.3	16	SM400A		
2	FB-STF	PL	120* 10	1261	78.50	11.9	24	SM400A		
2	FB-F	PL	111* 10	2935	78.50	25.6	51	SM400A		
JL4-JL5CG							510 kg			

APPROACH BRIDGE CROSS GIRDER C2 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DIA	PL	2690* 9	2727	70.65	415	415	SM400A	80	
1	FB-W	PL	2231* 9	169	70.65	26.6	27	SM400A		
1	FB-W	PL	2178* 9	169	70.65	26.0	26	SM400A		
1	FB-F	PL	250* 16	168	125.6	5.28	5	SM400A		
1	FB-F	PL	280* 16	168	125.6	5.91	6	SM400A		
2	D-STF	PL	136* 16	2690	125.6	45.9	92	SM400A		
2	D-STF	PL	100* 10	1383	78.50	10.9	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	90* 9	765	70.65	4.86	10	SM400A		
2	FB-F	PL	111* 10	169	78.50	1.47	3	SM400A		
2	D-FLG	PL	111* 10	2691	78.50	23.4	47	SM400A		
2	FB-F	PL	111* 10	169	78.50	1.47	3	SM400A		

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JL5-JL6										
678 kg										

APPROACH BRIDGE CROSS GIRDER C2 JL6-JL6A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	647* 9	1908	70.65	87.2	87	SM400A		
JL6-JL6A										
87 kg										

APPROACH BRIDGE CROSS GIRDER C2 JL6A-JL6B										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	647* 9	1928	70.65	88.1	88	SM400A		
JL6A-JL6B										
88 kg										

APPROACH BRIDGE CROSS GIRDER C2 JL6B-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	647* 9	3081	70.65	141	141	SM400A		
JL6B-JL7										
141 kg										

APPROACH BRIDGE CROSS GIRDER C2 JL6-JL7CG										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	1574* 9	6932	70.65	771	771	SM400A		
1	FLG	PL	280* 16	6890	125.6	242	242	SM400A		
1	FB-STF	PL	130* 11	1381	86.35	15.5	16	SM400A		
1	FB-STF	PL	130* 11	1400	86.35	15.7	16	SM400A		
1	FB-STF	PL	120* 10	2030	78.50	19.1	19	SM400A		
1	FB-STF	PL	120* 10	2339	78.50	22.0	22	SM400A		
1	FB-STF	PL	120* 10	2030	78.50	19.1	19	SM400A		
2	FB-F	PL	111* 10	6888	78.50	60.0	120	SM400A		
JL6-JL7CG										
1225 kg										

APPROACH BRIDGE CROSS GIRDER C2 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DIA	PL	2730* 9	2989	70.65	346	346	SM400A	60	
1	BR-W	PL	788* 9	609	70.65	18.6	19	SM400A	55	
2	D-STF	PL	136* 16	1144	125.6	19.5	39	SM400A		

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2	D-STF	PL	100* 10	1411	78.50	11.1	22	SM400A		
2	D-STF	PL	100* 10	1397	78.50	11.0	22	SM400A		
2	D-STF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	FB-W	PL	2232* 9	168	70.65	26.5	26	SM400A		
1	FB-F	PL	280* 16	167	125.6	5.87	6	SM400A		
1	FB-F	PL	111* 10	168	78.50	1.46	1	SM400A		
1	FB-F	PL	111* 10	174	78.50	1.52	2	SM400A		
2	D-FLG	PL	111* 10	2545	78.50	22.2	44	SM400A		
1	BR-F	PL	230* 10	633	78.50	11.4	11	SM400A		
							JL7-JL8			
							544 kg			

APPROACH BRIDGE CROSS GIRDER C2 JL8-RR1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	BR-W	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	BR-STF	PL	90* 9	509	70.65	3.24	3	SM400A		
1	BR-F	PL	230* 10	1024	78.50	18.5	18	SM400A		
							JL8-RR1			
							53 kg			
							C2			
							4963 kg			

APPROACH BRIDGE CROSS GIRDER C3 LL1-JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	BR-W	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	BR-STF	PL	90* 9	509	70.65	3.24	3	SM400A		
1	BR-F	PL	230* 10	1024	78.50	18.5	18	SM400A		
							LL1-JL1			
							53 kg			

APPROACH BRIDGE CROSS GIRDER C3 JL1-JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DIA	PL	2730* 9	2989	70.65	346	346	SM400A	60	
1	BR-W	PL	788* 9	609	70.65	18.6	19	SM400A	55	
2	D-STF	PL	121* 10	1144	78.50	10.9	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	FB-W	PL	2233* 9	168	70.65	26.5	26	SM400A		
1	FB-F	PL	250* 10	168	78.50	3.30	3	SM400A		
1	BR-F	PL	230* 10	633	78.50	11.4	11	SM400A		

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2	D-FLG	PL	111* 10	2546	78.50	22.2	44	SM400A		
2	FB-F	PL	111* 10	168	78.50	1.46	3	SM400A		
JL1-JL2							524 kg			

APPROACH BRIDGE CROSS GIRDER C3 JL2-JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	673* 9	1285	70.65	61.1	61	SM400A		
JL2-JL3							61 kg			

APPROACH BRIDGE CROSS GIRDER C3 JL2-JL3CG										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	1596* 9	1285	70.65	145	145	SM400A		
1	FLG	PL	250* 10	1287	78.50	25.3	25	SM400A		
1	FB-STF	PL	130* 11	1392	86.35	15.6	16	SM400A		
2	FB-STF	PL	110* 9	438	70.65	3.40	7	SM400A		
2	FB-F	PL	111* 10	1285	78.50	11.2	22	SM400A		
JL2-JL3CG							215 kg			

APPROACH BRIDGE CROSS GIRDER C3 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DIA	PL	2690* 9	2727	70.65	415	415	SM400A	80	
1	FB-W	PL	2182* 9	169	70.65	26.1	26	SM400A		
1	FB-W	PL	2231* 9	169	70.65	26.6	27	SM400A		
1	FB-F	PL	250* 10	168	78.50	3.30	3	SM400A		
1	FB-F	PL	250* 16	168	125.6	5.28	5	SM400A		
2	D-STF	PL	121* 16	2690	125.6	40.9	82	SM400A		
2	D-STF	PL	100* 10	1383	78.50	10.9	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	90* 9	765	70.65	4.86	10	SM400A		
2	FB-F	PL	111* 10	169	78.50	1.47	3	SM400A		
2	D-FLG	PL	111* 10	2691	78.50	23.4	47	SM400A		
2	FB-F	PL	111* 10	169	78.50	1.47	3	SM400A		
JL3-JL4							665 kg			

APPROACH BRIDGE CROSS GIRDER C3 JL4-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks

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1	WEB	PL	677* 9	2935	70.65	119	119	SM400A	85	
JL4-JL5							119 kg			

APPROACH BRIDGE CROSS GIRDER C3 JL4-JL5CG										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	1578* 9	2935	70.65	327	327	SM400A		
1	FLG	PL	250* 16	2935	125.6	92.2	92	SM400A		
1	FB-STF	PL	130* 11	1450	86.35	16.3	16	SM400A		
2	FB-STF	PL	120* 10	1261	78.50	11.9	24	SM400A		
2	FB-F	PL	111* 10	2935	78.50	25.6	51	SM400A		
JL4-JL5CG							510 kg			

APPROACH BRIDGE CROSS GIRDER C3 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DIA	PL	2690* 9	2727	70.65	415	415	SM400A	80	
1	FB-W	PL	2231* 9	169	70.65	26.6	27	SM400A		
1	FB-W	PL	2178* 9	169	70.65	26.0	26	SM400A		
1	FB-F	PL	250* 16	168	125.6	5.28	5	SM400A		
1	FB-F	PL	280* 16	168	125.6	5.91	6	SM400A		
2	D-STF	PL	136* 16	2690	125.6	45.9	92	SM400A		
2	D-STF	PL	100* 10	1383	78.50	10.9	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	90* 9	765	70.65	4.86	10	SM400A		
2	FB-F	PL	111* 10	169	78.50	1.47	3	SM400A		
2	D-FLG	PL	111* 10	2691	78.50	23.4	47	SM400A		
2	FB-F	PL	111* 10	169	78.50	1.47	3	SM400A		
JL5-JL6							678 kg			

APPROACH BRIDGE CROSS GIRDER C3 JL6-JL6A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	647* 9	1908	70.65	87.2	87	SM400A		
JL6-JL6A							87 kg			

APPROACH BRIDGE CROSS GIRDER C3 JL6A-JL6B										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	647* 9	1928	70.65	88.1	88	SM400A		

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JL6A-JL6B		88 kg
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APPROACH BRIDGE CROSS GIRDER C3 JL6B-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	647* 9	2646	70.65	121	121	SM400A		
JL6B-JL7							121 kg			

APPROACH BRIDGE CROSS GIRDER C3 JL6-JL7CG										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	1574* 9	6498	70.65	723	723	SM400A		
1	FLG	PL	280* 16	6455	125.6	227	227	SM400A		
1	FB-STF	PL	130* 11	1381	86.35	15.5	16	SM400A		
1	FB-STF	PL	130* 11	1400	86.35	15.7	16	SM400A		
1	FB-STF	PL	120* 10	1855	78.50	17.5	18	SM400A		
1	FB-STF	PL	120* 10	2193	78.50	20.7	21	SM400A		
1	FB-STF	PL	120* 10	1855	78.50	17.5	18	SM400A		
2	FB-F	PL	111* 10	6453	78.50	56.2	112	SM400A		
JL6-JL7CG							1151 kg			

APPROACH BRIDGE CROSS GIRDER C3 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DIA	PL	2730* 9	2989	70.65	346	346	SM400A	60	
1	BR-W	PL	788* 9	609	70.65	18.6	19	SM400A	55	
2	D-STF	PL	136* 16	1144	125.6	19.5	39	SM400A		
2	D-STF	PL	100* 10	1411	78.50	11.1	22	SM400A		
2	D-STF	PL	100* 10	1397	78.50	11.0	22	SM400A		
2	D-STF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	FB-W	PL	2232* 9	168	70.65	26.5	26	SM400A		
1	FB-F	PL	280* 16	167	125.6	5.87	6	SM400A		
1	FB-F	PL	111* 10	168	78.50	1.46	1	SM400A		
1	FB-F	PL	111* 10	174	78.50	1.52	2	SM400A		
2	D-FLG	PL	111* 10	2545	78.50	22.2	44	SM400A		
1	BR-F	PL	230* 10	633	78.50	11.4	11	SM400A		
JL7-JL8							544 kg			

APPROACH BRIDGE CROSS GIRDER C3 JL8-RR1										
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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	BR-W	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	BR-STF	PL	90* 9	509	70.65	3.24	3	SM400A		
1	BR-F	PL	230* 10	1024	78.50	18.5	18	SM400A		
JL8-RR1							53 kg			
C3							4869 kg			

APPROACH BRIDGE CROSS GIRDER C4 LL1-JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	BR-W	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	BR-STF	PL	90* 9	509	70.65	3.24	3	SM400A		
1	BR-F	PL	230* 10	1024	78.50	18.5	18	SM400A		
LL1-JL1							53 kg			

APPROACH BRIDGE CROSS GIRDER C4 JL1-JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DIA	PL	2730* 9	2989	70.65	346	346	SM400A	60	
1	BR-W	PL	788* 9	609	70.65	18.6	19	SM400A	55	
2	D-STF	PL	121* 10	1144	78.50	10.9	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	FB-W	PL	2233* 9	168	70.65	26.5	26	SM400A		
1	FB-F	PL	250* 10	168	78.50	3.30	3	SM400A		
1	BR-F	PL	230* 10	633	78.50	11.4	11	SM400A		
2	D-FLG	PL	111* 10	2545	78.50	22.2	44	SM400A		
2	FB-F	PL	111* 10	168	78.50	1.46	3	SM400A		
JL1-JL2							524 kg			

APPROACH BRIDGE CROSS GIRDER C4 JL2-JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	673* 9	1285	70.65	61.1	61	SM400A		
JL2-JL3							61 kg			

APPROACH BRIDGE CROSS GIRDER C4 JL2-JL3CG										

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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	1596* 9	1285	70.65	145	145	SM400A		
1	FLG	PL	250* 10	1287	78.50	25.3	25	SM400A		
1	FB-STF	PL	130* 11	1392	86.35	15.6	16	SM400A		
2	FB-STF	PL	110* 9	438	70.65	3.40	7	SM400A		
2	FB-F	PL	111* 10	1285	78.50	11.2	22	SM400A		
JL2-JL3CG							215 kg			

APPROACH BRIDGE CROSS GIRDER C4 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DIA	PL	2690* 9	2727	70.65	415	415	SM400A	80	
1	FB-W	PL	2182* 9	169	70.65	26.1	26	SM400A		
1	FB-W	PL	2231* 9	169	70.65	26.6	27	SM400A		
1	FB-F	PL	250* 10	168	78.50	3.30	3	SM400A		
1	FB-F	PL	250* 16	168	125.6	5.28	5	SM400A		
2	D-STF	PL	121* 16	2690	125.6	40.9	82	SM400A		
2	D-STF	PL	100* 10	1383	78.50	10.9	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	90* 9	765	70.65	4.86	10	SM400A		
2	FB-F	PL	111* 10	169	78.50	1.47	3	SM400A		
2	D-FLG	PL	111* 10	2691	78.50	23.4	47	SM400A		
2	FB-F	PL	111* 10	168	78.50	1.46	3	SM400A		
JL3-JL4							665 kg			

APPROACH BRIDGE CROSS GIRDER C4 JL4-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	677* 9	2935	70.65	119	119	SM400A	85	
JL4-JL5							119 kg			

APPROACH BRIDGE CROSS GIRDER C4 JL4-JL5CG										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	1578* 9	2935	70.65	327	327	SM400A		
1	FLG	PL	250* 16	2935	125.6	92.2	92	SM400A		
1	FB-STF	PL	130* 11	1450	86.35	16.3	16	SM400A		
2	FB-STF	PL	120* 10	1261	78.50	11.9	24	SM400A		
2	FB-F	PL	111* 10	2935	78.50	25.6	51	SM400A		
JL4-JL5CG							510 kg			

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APPROACH BRIDGE CROSS GIRDER C4 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DIA	PL	2690* 9	2727	70.65	415	415	SM400A	80	
1	FB-W	PL	2231* 9	169	70.65	26.6	27	SM400A		
1	FB-W	PL	2178* 9	169	70.65	26.0	26	SM400A		
1	FB-F	PL	250* 16	168	125.6	5.28	5	SM400A		
1	FB-F	PL	280* 16	168	125.6	5.91	6	SM400A		
2	D-STF	PL	136* 16	2690	125.6	45.9	92	SM400A		
2	D-STF	PL	100* 10	1383	78.50	10.9	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	90* 9	765	70.65	4.86	10	SM400A		
2	FB-F	PL	111* 10	169	78.50	1.47	3	SM400A		
2	D-FLG	PL	111* 10	2691	78.50	23.4	47	SM400A		
2	FB-F	PL	111* 10	169	78.50	1.47	3	SM400A		
JL5-JL6							678 kg			

APPROACH BRIDGE CROSS GIRDER C4 JL6-JL6A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	647* 9	1908	70.65	87.2	87	SM400A		
JL6-JL6A							87 kg			

APPROACH BRIDGE CROSS GIRDER C4 JL6A-JL6B										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	647* 9	1928	70.65	88.1	88	SM400A		
JL6A-JL6B							88 kg			

APPROACH BRIDGE CROSS GIRDER C4 JL6B-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	647* 9	2255	70.65	103	103	SM400A		
JL6B-JL7							103 kg			

APPROACH BRIDGE CROSS GIRDER C4 JL6-JL7CG										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	1575* 9	6093	70.65	678	678	SM400A		

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1	FLG	PL	280* 16	6065	125.6	213	213	SM400A		
1	FB-STF	PL	130* 11	1391	86.35	15.6	16	SM400A		
1	FB-STF	PL	140* 11	1564	86.35	18.9	19	SM400A		
1	FB-STF	PL	140* 11	1911	86.35	23.1	23	SM400A		
2	FB-F	PL	111* 10	6065	78.50	52.8	106	SM400A		
							JL6-JL7CG			
							1055 kg			

APPROACH BRIDGE CROSS GIRDER C4 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DIA	PL	2730* 9	2989	70.65	346	346	SM400A	60	
1	BR-W	PL	788* 9	609	70.65	18.6	19	SM400A	55	
2	D-STF	PL	136* 16	1144	125.6	19.5	39	SM400A		
2	D-STF	PL	100* 10	1397	78.50	11.0	22	SM400A		
2	D-STF	PL	100* 10	1412	78.50	11.1	22	SM400A		
2	D-STF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	FB-W	PL	2232* 9	168	70.65	26.5	26	SM400A		
1	FB-F	PL	280* 16	168	125.6	5.91	6	SM400A		
1	FB-F	PL	111* 10	167	78.50	1.46	1	SM400A		
1	FB-F	PL	111* 10	172	78.50	1.50	2	SM400A		
2	D-FLG	PL	111* 10	2545	78.50	22.2	44	SM400A		
1	BR-F	PL	230* 10	633	78.50	11.4	11	SM400A		
							JL7-JL8			
							544 kg			

APPROACH BRIDGE CROSS GIRDER C4 JL8-RR1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	BR-W	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	BR-STF	PL	90* 9	509	70.65	3.24	3	SM400A		
1	BR-F	PL	230* 10	1024	78.50	18.5	18	SM400A		
							JL8-RR1			
							53 kg			
							C4			
							4755 kg			

APPROACH BRIDGE CROSS GIRDER C5 LL1-JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	BR-W	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	BR-STF	PL	90* 9	509	70.65	3.24	3	SM400A		
1	BR-F	PL	230* 10	1024	78.50	18.5	18	SM400A		

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LL1-JL1	53 kg
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APPROACH BRIDGE CROSS GIRDER C5 JL1-JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DIA	PL	2730* 9	2989	70.65	346	346	SM400A	60	
1	BR-W	PL	788* 9	609	70.65	18.6	19	SM400A	55	
2	D-STF	PL	121* 10	1144	78.50	10.9	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	FB-W	PL	2233* 9	168	70.65	26.5	26	SM400A		
1	FB-F	PL	250* 10	168	78.50	3.30	3	SM400A		
1	BR-F	PL	230* 10	633	78.50	11.4	11	SM400A		
2	D-FLG	PL	111* 10	2545	78.50	22.2	44	SM400A		
2	FB-F	PL	111* 10	168	78.50	1.46	3	SM400A		
JL1-JL2							524 kg			

APPROACH BRIDGE CROSS GIRDER C5 JL2-JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	673* 9	1285	70.65	61.1	61	SM400A		
JL2-JL3							61 kg			

APPROACH BRIDGE CROSS GIRDER C5 JL2-JL3CG										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	1596* 9	1285	70.65	145	145	SM400A		
1	FLG	PL	250* 10	1287	78.50	25.3	25	SM400A		
1	FB-STF	PL	130* 11	1392	86.35	15.6	16	SM400A		
2	FB-STF	PL	110* 9	438	70.65	3.40	7	SM400A		
2	FB-F	PL	111* 10	1285	78.50	11.2	22	SM400A		
JL2-JL3CG							215 kg			

APPROACH BRIDGE CROSS GIRDER C5 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DIA	PL	2690* 9	2727	70.65	415	415	SM400A	80	
1	FB-W	PL	2182* 9	169	70.65	26.1	26	SM400A		
1	FB-W	PL	2231* 9	169	70.65	26.6	27	SM400A		
1	FB-F	PL	250* 10	168	78.50	3.30	3	SM400A		

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1	FB-F	PL	250* 16	168	125.6	5.28	5	SM400A		
2	D-STF	PL	121* 16	2690	125.6	40.9	82	SM400A		
2	D-STF	PL	100* 10	1383	78.50	10.9	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	90* 9	765	70.65	4.86	10	SM400A		
2	FB-F	PL	111* 10	169	78.50	1.47	3	SM400A		
2	D-FLG	PL	111* 10	2691	78.50	23.4	47	SM400A		
2	FB-F	PL	111* 10	168	78.50	1.46	3	SM400A		
JL3-JL4							665 kg			

APPROACH BRIDGE CROSS GIRDER C5 JL4-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	677* 9	2935	70.65	119	119	SM400A	85	
JL4-JL5							119 kg			

APPROACH BRIDGE CROSS GIRDER C5 JL4-JL5CG										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	1578* 9	2935	70.65	327	327	SM400A		
1	FLG	PL	250* 16	2935	125.6	92.2	92	SM400A		
1	FB-STF	PL	130* 11	1450	86.35	16.3	16	SM400A		
2	FB-STF	PL	120* 10	1261	78.50	11.9	24	SM400A		
2	FB-F	PL	111* 10	2935	78.50	25.6	51	SM400A		
JL4-JL5CG							510 kg			

APPROACH BRIDGE CROSS GIRDER C5 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DIA	PL	2690* 9	2727	70.65	415	415	SM400A	80	
1	FB-W	PL	169* 9	2231	70.65	26.6	27	SM400A		
1	FB-W	PL	169* 9	2178	70.65	26.0	26	SM400A		
1	FB-F	PL	250* 16	168	125.6	5.28	5	SM400A		
1	FB-F	PL	280* 16	168	125.6	5.91	6	SM400A		
2	D-STF	PL	136* 16	2690	125.6	45.9	92	SM400A		
2	D-STF	PL	100* 10	1383	78.50	10.9	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	90* 9	765	70.65	4.86	10	SM400A		
2	FB-F	PL	111* 10	169	78.50	1.47	3	SM400A		
2	D-FLG	PL	111* 10	2691	78.50	23.4	47	SM400A		
2	FB-F	PL	111* 10	169	78.50	1.47	3	SM400A		

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JL5-JL6		678 kg
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APPROACH BRIDGE CROSS GIRDER C5 JL6-JL6A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	647* 9	1908	70.65	87.2	87	SM400A		
JL6-JL6A		87 kg								

APPROACH BRIDGE CROSS GIRDER C5 JL6A-JL6B										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	647* 9	1928	70.65	88.1	88	SM400A		
JL6A-JL6B		88 kg								

APPROACH BRIDGE CROSS GIRDER C5 JL6B-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	647* 9	1909	70.65	87.3	87	SM400A		
JL6B-JL7		87 kg								

APPROACH BRIDGE CROSS GIRDER C5 JL6-JL7CG										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	1574* 9	5763	70.65	641	641	SM400A		
1	FLG	PL	280* 16	5719	125.6	201	201	SM400A		
1	FB-STF	PL	130* 11	1391	86.35	15.6	16	SM400A		
1	FB-STF	PL	140* 11	2653	86.35	32.1	32	SM400A		
1	FB-STF	PL	140* 11	2653	86.35	32.1	32	SM400A		
2	FB-F	PL	111* 10	5717	78.50	49.8	100	SM400A		
JL6-JL7CG		1022 kg								

APPROACH BRIDGE CROSS GIRDER C5 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DIA	PL	2729* 9	2989	70.65	346	346	SM400A	60	
1	BR-W	PL	788* 9	609	70.65	18.6	19	SM400A	55	
2	D-STF	PL	136* 16	1144	125.6	19.5	39	SM400A		
2	D-STF	PL	100* 10	1397	78.50	11.0	22	SM400A		
2	D-STF	PL	100* 10	1412	78.50	11.1	22	SM400A		

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2	D-STF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	FB-W	PL	2232* 9	168	70.65	26.5	26	SM400A		
1	FB-F	PL	280* 16	168	125.6	5.91	6	SM400A		
1	FB-F	PL	111* 10	167	78.50	1.46	1	SM400A		
1	FB-F	PL	111* 10	172	78.50	1.50	2	SM400A		
2	D-FLG	PL	111* 10	2545	78.50	22.2	44	SM400A		
1	BR-F	PL	230* 10	633	78.50	11.4	11	SM400A		
							JL7-JL8			
							544 kg			

APPROACH BRIDGE CROSS GIRDER C5 JL8-RR1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	BR-W	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	BR-STF	PL	90* 9	509	70.65	3.24	3	SM400A		
1	BR-F	PL	230* 10	1024	78.50	18.5	18	SM400A		
							JL8-RR1			
							53 kg			
							C5			
							4706 kg			

APPROACH BRIDGE CROSS GIRDER C6 LL1-JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	BR-W	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	BR-STF	PL	90* 9	509	70.65	3.24	3	SM400A		
1	BR-F	PL	230* 10	1024	78.50	18.5	18	SM400A		
							LL1-JL1			
							53 kg			

APPROACH BRIDGE CROSS GIRDER C6 JL1-JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DIA	PL	2730* 9	2989	70.65	346	346	SM400A	60	
1	BR-W	PL	788* 9	609	70.65	18.6	19	SM400A	55	
2	D-STF	PL	121* 10	1144	78.50	10.9	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	FB-W	PL	2233* 9	168	70.65	26.5	26	SM400A		
1	FB-F	PL	250* 10	168	78.50	3.30	3	SM400A		
1	BR-F	PL	230* 10	633	78.50	11.4	11	SM400A		
2	D-FLG	PL	111* 10	2545	78.50	22.2	44	SM400A		
2	FB-F	PL	111* 10	168	78.50	1.46	3	SM400A		

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JL1-JL2										
524 kg										

APPROACH BRIDGE CROSS GIRDER C6 JL2-JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	673* 9	1285	70.65	61.1	61	SM400A		
JL2-JL3										
61 kg										

APPROACH BRIDGE CROSS GIRDER C6 JL2-JL3CG										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	1596* 9	1285	70.65	145	145	SM400A		
1	FLG	PL	250* 10	1287	78.50	25.3	25	SM400A		
1	FB-STF	PL	130* 11	1392	86.35	15.6	16	SM400A		
2	FB-STF	PL	110* 9	438	70.65	3.40	7	SM400A		
2	FB-F	PL	111* 10	1285	78.50	11.2	22	SM400A		
JL2-JL3CG										
215 kg										

APPROACH BRIDGE CROSS GIRDER C6 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DIA	PL	2690* 9	2727	70.65	415	415	SM400A	80	
1	FB-W	PL	2182* 9	169	70.65	26.1	26	SM400A		
1	FB-W	PL	2231* 9	169	70.65	26.6	27	SM400A		
1	FB-F	PL	250* 10	168	78.50	3.30	3	SM400A		
1	FB-F	PL	250* 16	168	125.6	5.28	5	SM400A		
2	D-STF	PL	121* 16	2690	125.6	40.9	82	SM400A		
2	D-STF	PL	100* 10	1383	78.50	10.9	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	90* 9	765	70.65	4.86	10	SM400A		
2	FB-F	PL	111* 10	169	78.50	1.47	3	SM400A		
2	D-FLG	PL	111* 10	2691	78.50	23.4	47	SM400A		
2	FB-F	PL	111* 10	168	78.50	1.46	3	SM400A		
JL3-JL4										
665 kg										

APPROACH BRIDGE CROSS GIRDER C6 JL4-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	677* 9	2935	70.65	119	119	SM400A	85	

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JL4-JL5					119 kg				
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APPROACH BRIDGE CROSS GIRDER C6 JL4-JL5CG										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	1578* 9	2935	70.65	327	327	SM400A		
1	FLG	PL	250* 16	2935	125.6	92.2	92	SM400A		
1	FB-STF	PL	130* 11	1450	86.35	16.3	16	SM400A		
2	FB-STF	PL	120* 10	1261	78.50	11.9	24	SM400A		
2	FB-F	PL	111* 10	2935	78.50	25.6	51	SM400A		
JL4-JL5CG					510 kg					

APPROACH BRIDGE CROSS GIRDER C6 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DIA	PL	2690* 9	2727	70.65	415	415	SM400A	80	
1	FB-W	PL	169* 9	2231	70.65	26.6	27	SM400A		
1	FB-W	PL	169* 9	2178	70.65	26.0	26	SM400A		
1	FB-F	PL	250* 16	168	125.6	5.28	5	SM400A		
1	FB-F	PL	280* 16	168	125.6	5.91	6	SM400A		
2	D-STF	PL	136* 16	2690	125.6	45.9	92	SM400A		
2	D-STF	PL	100* 10	1383	78.50	10.9	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	90* 9	765	70.65	4.86	10	SM400A		
2	FB-F	PL	111* 10	169	78.50	1.47	3	SM400A		
2	D-FLG	PL	111* 10	2691	78.50	23.4	47	SM400A		
2	FB-F	PL	111* 10	169	78.50	1.47	3	SM400A		
JL5-JL6					678 kg					

APPROACH BRIDGE CROSS GIRDER C6 JL6-JL6A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	647* 9	1908	70.65	87.2	87	SM400A		
JL6-JL6A					87 kg					

APPROACH BRIDGE CROSS GIRDER C6 JL6A-JL6B										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	647* 9	1928	70.65	88.1	88	SM400A		
JL6A-JL6B					88 kg					

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APPROACH BRIDGE CROSS GIRDER C6 JL6B-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	647* 9	1607	70.65	73.5	74	SM400A		
JL6B-JL7							74 kg			

APPROACH BRIDGE CROSS GIRDER C6 JL6-JL7CG										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	1574* 9	5462	70.65	607	607	SM400A		
1	FLG	PL	280* 16	5417	125.6	191	191	SM400A		
1	FB-STF	PL	130* 11	1391	86.35	15.6	16	SM400A		
1	FB-STF	PL	120* 10	2502	78.50	23.6	24	SM400A		
1	FB-STF	PL	120* 10	2502	78.50	23.6	24	SM400A		
2	FB-F	PL	111* 10	5415	78.50	47.2	94	SM400A		
JL6-JL7CG							956 kg			

APPROACH BRIDGE CROSS GIRDER C6 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DIA	PL	2729* 9	2989	70.65	346	346	SM400A	60	
1	BR-W	PL	788* 9	609	70.65	18.6	19	SM400A	55	
2	D-STF	PL	136* 16	1144	125.6	19.5	39	SM400A		
2	D-STF	PL	100* 10	1397	78.50	11.0	22	SM400A		
2	D-STF	PL	100* 10	1412	78.50	11.1	22	SM400A		
2	D-STF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	FB-W	PL	2232* 9	168	70.65	26.5	26	SM400A		
1	FB-F	PL	280* 16	168	125.6	5.91	6	SM400A		
1	FB-F	PL	111* 10	167	78.50	1.46	1	SM400A		
1	FB-F	PL	111* 10	172	78.50	1.50	2	SM400A		
2	D-FLG	PL	111* 10	2545	78.50	22.2	44	SM400A		
1	BR-F	PL	230* 10	633	78.50	11.4	11	SM400A		
JL7-JL8							544 kg			

APPROACH BRIDGE CROSS GIRDER C6 JL8-RR1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	BR-W	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	BR-STF	PL	90* 9	509	70.65	3.24	3	SM400A		
1	BR-F	PL	230* 10	1024	78.50	18.5	18	SM400A		

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JL8-RR1		53 kg
C6		4627 kg

APPROACH BRIDGE CROSS GIRDER C7 LL1-JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	BR-W	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	BR-STF	PL	90* 9	509	70.65	3.24	3	SM400A		
1	BR-F	PL	230* 10	1024	78.50	18.5	18	SM400A		
LL1-JL1		53 kg								

APPROACH BRIDGE CROSS GIRDER C7 JL1-JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DIA	PL	2730* 9	2989	70.65	346	346	SM400A	60	
1	BR-W	PL	787* 9	606	70.65	18.5	18	SM400A	55	
2	D-STF	PL	121* 10	1144	78.50	10.9	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	FB-W	PL	2233* 9	166	70.65	26.2	26	SM400A		
1	FB-F	PL	250* 10	166	78.50	3.26	3	SM400A		
1	BR-F	PL	230* 10	627	78.50	11.3	11	SM400A		
2	D-FLG	PL	111* 10	2545	78.50	22.2	44	SM400A		
2	FB-F	PL	111* 10	166	78.50	1.45	3	SM400A		
JL1-JL2		523 kg								

APPROACH BRIDGE CROSS GIRDER C7 JL2-JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	673* 9	1285	70.65	61.1	61	SM400A		
JL2-JL3		61 kg								

APPROACH BRIDGE CROSS GIRDER C7 JL2-JL3CG										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	1596* 9	1285	70.65	145	145	SM400A		
1	FLG	PL	250* 10	1287	78.50	25.3	25	SM400A		
1	FB-STF	PL	130* 11	1392	86.35	15.6	16	SM400A		

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2	FB-STF	PL	110* 9	438	70.65	3.40	7	SM400A		
2	FB-F	PL	111* 10	1285	78.50	11.2	22	SM400A		
JL2-JL3CG							215 kg			

APPROACH BRIDGE CROSS GIRDER C7 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DIA	PL	2690* 9	2727	70.65	415	415	SM400A	80	
1	FB-W	PL	2182* 9	169	70.65	26.1	26	SM400A		
1	FB-W	PL	2231* 9	169	70.65	26.6	27	SM400A		
1	FB-F	PL	250* 10	168	78.50	3.30	3	SM400A		
1	FB-F	PL	250* 16	168	125.6	5.28	5	SM400A		
2	D-STF	PL	121* 16	2690	125.6	40.9	82	SM400A		
2	D-STF	PL	100* 10	1383	78.50	10.9	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	90* 9	765	70.65	4.86	10	SM400A		
2	FB-F	PL	111* 10	169	78.50	1.47	3	SM400A		
2	D-FLG	PL	111* 10	2691	78.50	23.4	47	SM400A		
2	FB-F	PL	111* 10	168	78.50	1.46	3	SM400A		
JL3-JL4							665 kg			

APPROACH BRIDGE CROSS GIRDER C7 JL4-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	677* 9	2935	70.65	119	119	SM400A	85	
JL4-JL5							119 kg			

APPROACH BRIDGE CROSS GIRDER C7 JL4-JL5CG										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	1578* 9	2935	70.65	327	327	SM400A		
1	FLG	PL	250* 16	2935	125.6	92.2	92	SM400A		
1	FB-STF	PL	130* 11	1450	86.35	16.3	16	SM400A		
2	FB-STF	PL	120* 10	1261	78.50	11.9	24	SM400A		
2	FB-F	PL	111* 10	2935	78.50	25.6	51	SM400A		
JL4-JL5CG							510 kg			

APPROACH BRIDGE CROSS GIRDER C7 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks

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1	DIA	PL	2690* 9	2727	70.65	415	415	SM400A	80		
1	FB-W	PL	169* 9	2231	70.65	26.6	27	SM400A			
1	FB-W	PL	169* 9	2178	70.65	26.0	26	SM400A			
1	FB-F	PL	250* 16	168	125.6	5.28	5	SM400A			
1	FB-F	PL	280* 16	168	125.6	5.91	6	SM400A			
2	D-STF	PL	136* 16	2690	125.6	45.9	92	SM400A			
2	D-STF	PL	100* 10	1383	78.50	10.9	22	SM400A			
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A			
2	D-STF	PL	90* 9	765	70.65	4.86	10	SM400A			
2	FB-F	PL	111* 10	169	78.50	1.47	3	SM400A			
2	D-FLG	PL	111* 10	2691	78.50	23.4	47	SM400A			
2	FB-F	PL	111* 10	169	78.50	1.47	3	SM400A			
							JL5-JL6				678 kg

APPROACH BRIDGE CROSS GIRDER C7 JL6-JL6A											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	WEB	PL	647* 9	1908	70.65	87.2	87	SM400A			
							JL6-JL6A				87 kg

APPROACH BRIDGE CROSS GIRDER C7 JL6A-JL7											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	WEB	PL	647* 9	3271	70.65	149	149	SM400A			
							JL6A-JL7				149 kg

APPROACH BRIDGE CROSS GIRDER C7 JL6-JL7CG											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	WEB	PL	1574* 9	5205	70.65	579	579	SM400A			
1	FLG	PL	280* 16	5160	125.6	181	181	SM400A			
1	FB-STF	PL	130* 11	1391	86.35	15.6	16	SM400A			
1	FB-STF	PL	120* 10	2373	78.50	22.4	22	SM400A			
1	FB-STF	PL	120* 10	2373	78.50	22.4	22	SM400A			
2	FB-F	PL	111* 10	5158	78.50	44.9	90	SM400A			
							JL6-JL7CG				910 kg

APPROACH BRIDGE CROSS GIRDER C7 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks

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1	DIA	PL	2729* 9	2989	70.65	346	346	SM400A	60		
1	BR-W	PL	787* 9	606	70.65	18.5	18	SM400A	55		
2	D-STF	PL	136* 16	1144	125.6	19.5	39	SM400A			
2	D-STF	PL	100* 10	1397	78.50	11.0	22	SM400A			
2	D-STF	PL	100* 10	1412	78.50	11.1	22	SM400A			
2	D-STF	PL	90* 9	503	70.65	3.20	6	SM400A			
1	FB-W	PL	2232* 9	166	70.65	26.2	26	SM400A			
1	FB-F	PL	280* 16	166	125.6	5.84	6	SM400A			
1	FB-F	PL	111* 10	167	78.50	1.46	1	SM400A			
1	FB-F	PL	111* 10	172	78.50	1.50	2	SM400A			
2	D-FLG	PL	111* 10	2545	78.50	22.2	44	SM400A			
1	BR-F	PL	230* 10	627	78.50	11.3	11	SM400A			
							JL7-JL8				543 kg

APPROACH BRIDGE CROSS GIRDER C7 JL8-RR1											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	BR-W	PL	636* 9	1113	70.65	32.5	32	SM400A	65		
1	BR-STF	PL	90* 9	509	70.65	3.24	3	SM400A			
1	BR-F	PL	230* 10	1024	78.50	18.5	18	SM400A			
							JL8-RR1				53 kg
							C7				4566 kg

APPROACH BRIDGE CROSS GIRDER C8 LL1-JL1											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	BR-W	PL	636* 9	1113	70.65	32.5	32	SM400A	65		
1	BR-STF	PL	90* 9	509	70.65	3.24	3	SM400A			
1	BR-F	PL	230* 10	1024	78.50	18.5	18	SM400A			
							LL1-JL1				53 kg

APPROACH BRIDGE CROSS GIRDER C8 JL1-JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DIA	PL	2730* 9	2989	70.65	346	346	SM400A	60	
1	BR-W	PL	787* 9	606	70.65	18.5	18	SM400A	55	
2	D-STF	PL	121* 10	1144	78.50	10.9	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	90* 9	503	70.65	3.20	6	SM400A		

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1	FB-W	PL	2233* 9	166	70.65	26.2	26	SM400A		
1	FB-F	PL	250* 10	166	78.50	3.26	3	SM400A		
1	BR-F	PL	230* 10	627	78.50	11.3	11	SM400A		
2	D-FLG	PL	111* 10	2545	78.50	22.2	44	SM400A		
2	FB-F	PL	111* 10	166	78.50	1.45	3	SM400A		
							JL1-JL2			
							523 kg			

APPROACH BRIDGE CROSS GIRDER C8 JL2-JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	673* 9	1285	70.65	61.1	61	SM400A		
							JL2-JL3			
							61 kg			

APPROACH BRIDGE CROSS GIRDER C8 JL2-JL3CG										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	1596* 9	1285	70.65	145	145	SM400A		
1	FLG	PL	250* 10	1287	78.50	25.3	25	SM400A		
1	FB-STF	PL	130* 11	1392	86.35	15.6	16	SM400A		
2	FB-STF	PL	110* 9	438	70.65	3.40	7	SM400A		
2	FB-F	PL	111* 10	1285	78.50	11.2	22	SM400A		
							JL2-JL3CG			
							215 kg			

APPROACH BRIDGE CROSS GIRDER C8 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DIA	PL	2690* 9	2727	70.65	415	415	SM400A	80	
1	FB-W	PL	2182* 9	169	70.65	26.1	26	SM400A		
1	FB-W	PL	2231* 9	169	70.65	26.6	27	SM400A		
1	FB-F	PL	250* 10	168	78.50	3.30	3	SM400A		
1	FB-F	PL	250* 16	168	125.6	5.28	5	SM400A		
2	D-STF	PL	121* 16	2690	125.6	40.9	82	SM400A		
2	D-STF	PL	100* 10	1383	78.50	10.9	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	90* 9	765	70.65	4.86	10	SM400A		
2	FB-F	PL	111* 10	169	78.50	1.47	3	SM400A		
2	D-FLG	PL	111* 10	2691	78.50	23.4	47	SM400A		
2	FB-F	PL	111* 10	168	78.50	1.46	3	SM400A		
							JL3-JL4			
							665 kg			

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APPROACH BRIDGE CROSS GIRDER C8 JL4-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	677* 9	2935	70.65	119	119	SM400A	85	
JL4-JL5							119 kg			

APPROACH BRIDGE CROSS GIRDER C8 JL4-JL5CG										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	1578* 9	2935	70.65	327	327	SM400A		
1	FLG	PL	250* 16	2935	125.6	92.2	92	SM400A		
1	FB-STF	PL	130* 11	1450	86.35	16.3	16	SM400A		
2	FB-STF	PL	120* 10	1261	78.50	11.9	24	SM400A		
2	FB-F	PL	111* 10	2935	78.50	25.6	51	SM400A		
JL4-JL5CG							510 kg			

APPROACH BRIDGE CROSS GIRDER C8 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DIA	PL	2690* 9	2727	70.65	415	415	SM400A	80	
1	FB-W	PL	169* 9	2231	70.65	26.6	27	SM400A		
1	FB-W	PL	169* 9	2178	70.65	26.0	26	SM400A		
1	FB-F	PL	250* 16	168	125.6	5.28	5	SM400A		
1	FB-F	PL	280* 16	168	125.6	5.91	6	SM400A		
2	D-STF	PL	136* 16	2690	125.6	45.9	92	SM400A		
2	D-STF	PL	100* 10	1383	78.50	10.9	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	90* 9	765	70.65	4.86	10	SM400A		
2	FB-F	PL	111* 10	169	78.50	1.47	3	SM400A		
2	D-FLG	PL	111* 10	2691	78.50	23.4	47	SM400A		
2	FB-F	PL	111* 10	169	78.50	1.47	3	SM400A		
JL5-JL6							678 kg			

APPROACH BRIDGE CROSS GIRDER C8 JL6-JL6A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	647* 9	1908	70.65	87.2	87	SM400A		
JL6-JL6A							87 kg			

APPROACH BRIDGE CROSS GIRDER C8 JL6A-JL7										
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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	647* 9	2893	70.65	132	132	SM400A		
JL6A-JL7							132 kg			

APPROACH BRIDGE CROSS GIRDER C8 JL6-JL7CG										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	1574* 9	4829	70.65	537	537	SM400A		
1	FLG	PL	280* 16	4782	125.6	168	168	SM400A		
1	FB-STF	PL	130* 11	1391	86.35	15.6	16	SM400A		
1	FB-STF	PL	120* 10	2184	78.50	20.6	21	SM400A		
1	FB-STF	PL	120* 10	2184	78.50	20.6	21	SM400A		
2	FB-F	PL	111* 10	4781	78.50	41.7	83	SM400A		
JL6-JL7CG							846 kg			

APPROACH BRIDGE CROSS GIRDER C8 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DIA	PL	2729* 9	2989	70.65	346	346	SM400A	60	
1	BR-W	PL	787* 9	606	70.65	18.5	18	SM400A	55	
2	D-STF	PL	136* 16	1144	125.6	19.5	39	SM400A		
2	D-STF	PL	100* 10	1397	78.50	11.0	22	SM400A		
2	D-STF	PL	100* 10	1412	78.50	11.1	22	SM400A		
2	D-STF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	FB-W	PL	2232* 9	166	70.65	26.2	26	SM400A		
1	FB-F	PL	280* 16	166	125.6	5.84	6	SM400A		
1	FB-F	PL	111* 10	167	78.50	1.46	1	SM400A		
1	FB-F	PL	111* 10	172	78.50	1.50	2	SM400A		
2	D-FLG	PL	111* 10	2545	78.50	22.2	44	SM400A		
1	BR-F	PL	230* 10	627	78.50	11.3	11	SM400A		
JL7-JL8							543 kg			

APPROACH BRIDGE CROSS GIRDER C8 JL8-RR1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	BR-W	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	BR-STF	PL	90* 9	509	70.65	3.24	3	SM400A		
1	BR-F	PL	230* 10	1024	78.50	18.5	18	SM400A		
JL8-RR1							53 kg			

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C8	4485 kg
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APPROACH BRIDGE CROSS GIRDER C9 LL1-JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	BR-W	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	BR-STF	PL	90* 9	509	70.65	3.24	3	SM400A		
1	BR-F	PL	230* 10	1024	78.50	18.5	18	SM400A		
LL1-JL1							53 kg			

APPROACH BRIDGE CROSS GIRDER C9 JL1-JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DIA	PL	2730* 9	2989	70.65	346	346	SM400A	60	
1	BR-W	PL	788* 9	609	70.65	18.6	19	SM400A	55	
2	D-STF	PL	121* 10	1144	78.50	10.9	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	FB-W	PL	2233* 9	168	70.65	26.5	26	SM400A		
1	FB-F	PL	250* 10	168	78.50	3.30	3	SM400A		
1	BR-F	PL	230* 10	633	78.50	11.4	11	SM400A		
2	D-FLG	PL	111* 10	2545	78.50	22.2	44	SM400A		
2	FB-F	PL	111* 10	168	78.50	1.46	3	SM400A		
JL1-JL2							524 kg			

APPROACH BRIDGE CROSS GIRDER C9 JL2-JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	673* 9	1285	70.65	61.1	61	SM400A		
JL2-JL3							61 kg			

APPROACH BRIDGE CROSS GIRDER C9 JL2-JL3CG										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	1596* 9	1285	70.65	145	145	SM400A		
1	FLG	PL	250* 10	1287	78.50	25.3	25	SM400A		
1	FB-STF	PL	130* 11	1392	86.35	15.6	16	SM400A		
2	FB-STF	PL	110* 9	438	70.65	3.40	7	SM400A		
2	FB-F	PL	111* 10	1285	78.50	11.2	22	SM400A		

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JL2-JL3CG		215 kg
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APPROACH BRIDGE CROSS GIRDER C9 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DIA	PL	2690* 9	2727	70.65	415	415	SM400A	80	
1	FB-W	PL	2182* 9	169	70.65	26.1	26	SM400A		
1	FB-W	PL	2231* 9	169	70.65	26.6	27	SM400A		
1	FB-F	PL	250* 10	168	78.50	3.30	3	SM400A		
1	FB-F	PL	250* 16	168	125.6	5.28	5	SM400A		
2	D-STF	PL	121* 16	2690	125.6	40.9	82	SM400A		
2	D-STF	PL	100* 10	1383	78.50	10.9	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	90* 9	765	70.65	4.86	10	SM400A		
2	FB-F	PL	111* 10	169	78.50	1.47	3	SM400A		
2	D-FLG	PL	111* 10	2691	78.50	23.4	47	SM400A		
2	FB-F	PL	111* 10	168	78.50	1.46	3	SM400A		
JL3-JL4							665 kg			

APPROACH BRIDGE CROSS GIRDER C9 JL4-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	677* 9	2935	70.65	119	119	SM400A	85	
JL4-JL5							119 kg			

APPROACH BRIDGE CROSS GIRDER C9 JL4-JL5CG										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	1578* 9	2935	70.65	327	327	SM400A		
1	FLG	PL	250* 16	2935	125.6	92.2	92	SM400A		
1	FB-STF	PL	130* 11	1450	86.35	16.3	16	SM400A		
2	FB-STF	PL	120* 10	1261	78.50	11.9	24	SM400A		
2	FB-F	PL	111* 10	2935	78.50	25.6	51	SM400A		
JL4-JL5CG							510 kg			

APPROACH BRIDGE CROSS GIRDER C9 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DIA	PL	2690* 9	2727	70.65	415	415	SM400A	80	
1	FB-W	PL	169* 9	2231	70.65	26.6	27	SM400A		

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1	FB-W	PL	169* 9	2178	70.65	26.0	26	SM400A		
1	FB-F	PL	250* 16	168	125.6	5.28	5	SM400A		
1	FB-F	PL	280* 16	168	125.6	5.91	6	SM400A		
2	D-STF	PL	136* 16	2690	125.6	45.9	92	SM400A		
2	D-STF	PL	100* 10	1383	78.50	10.9	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	90* 9	765	70.65	4.86	10	SM400A		
2	FB-F	PL	111* 10	169	78.50	1.47	3	SM400A		
2	D-FLG	PL	111* 10	2691	78.50	23.4	47	SM400A		
2	FB-F	PL	111* 10	169	78.50	1.47	3	SM400A		
JL5-JL6							678 kg			

APPROACH BRIDGE CROSS GIRDER C9 JL6-JL6A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	647* 9	1908	70.65	87.2	87	SM400A		
JL6-JL6A							87 kg			

APPROACH BRIDGE CROSS GIRDER C9 JL6A-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	647* 9	2770	70.65	127	127	SM400A		
JL6A-JL7							127 kg			

APPROACH BRIDGE CROSS GIRDER C9 JL6-JL7CG										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	1574* 9	4703	70.65	523	523	SM400A		
1	FLG	PL	280* 16	4656	125.6	164	164	SM400A		
1	FB-STF	PL	130* 11	1391	86.35	15.6	16	SM400A		
1	FB-STF	PL	120* 10	2121	78.50	20.0	20	SM400A		
1	FB-STF	PL	120* 10	2121	78.50	20.0	20	SM400A		
2	FB-F	PL	111* 10	4654	78.50	40.6	81	SM400A		
JL6-JL7CG							824 kg			

APPROACH BRIDGE CROSS GIRDER C9 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DIA	PL	2729* 9	2989	70.65	346	346	SM400A	60	
1	BR-W	PL	788* 9	609	70.65	18.6	19	SM400A	55	

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2	D-STF	PL	136* 16	1144	125.6	19.5	39	SM400A		
2	D-STF	PL	100* 10	1397	78.50	11.0	22	SM400A		
2	D-STF	PL	100* 10	1412	78.50	11.1	22	SM400A		
2	D-STF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	FB-W	PL	2232* 9	168	70.65	26.5	26	SM400A		
1	FB-F	PL	280* 16	168	125.6	5.91	6	SM400A		
1	FB-F	PL	111* 10	167	78.50	1.46	1	SM400A		
1	FB-F	PL	111* 10	172	78.50	1.50	2	SM400A		
2	D-FLG	PL	111* 10	2545	78.50	22.2	44	SM400A		
1	BR-F	PL	230* 10	633	78.50	11.4	11	SM400A		
JL7-JL8								544 kg		

APPROACH BRIDGE CROSS GIRDER C9 JL8-RR1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	BR-W	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	BR-STF	PL	90* 9	509	70.65	3.24	3	SM400A		
1	BR-F	PL	230* 10	1024	78.50	18.5	18	SM400A		
JL8-RR1								53 kg		
C9								4460 kg		

APPROACH BRIDGE CROSS GIRDER C10 LL1-JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	BR-W	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	BR-STF	PL	90* 9	509	70.65	3.24	3	SM400A		
1	BR-F	PL	230* 10	1024	78.50	18.5	18	SM400A		
LL1-JL1								53 kg		

APPROACH BRIDGE CROSS GIRDER C10 JL1-JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DIA	PL	2730* 9	2989	70.65	346	346	SM400A	60	
1	BR-W	PL	788* 9	609	70.65	18.6	19	SM400A	55	
2	D-STF	PL	121* 10	1144	78.50	10.9	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	FB-W	PL	2233* 9	168	70.65	26.5	26	SM400A		
1	FB-F	PL	250* 10	168	78.50	3.30	3	SM400A		

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1	BR-F	PL	230* 10	633	78.50	11.4	11	SM400A		
2	D-FLG	PL	111* 10	2545	78.50	22.2	44	SM400A		
2	FB-F	PL	111* 10	168	78.50	1.46	3	SM400A		
JL1-JL2							524 kg			

APPROACH BRIDGE CROSS GIRDER C10 JL2-JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	673* 9	1285	70.65	61.1	61	SM400A		
JL2-JL3							61 kg			

APPROACH BRIDGE CROSS GIRDER C10 JL2-JL3CG										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	1596* 9	1285	70.65	145	145	SM400A		
1	FLG	PL	250* 10	1287	78.50	25.3	25	SM400A		
1	FB-STF	PL	130* 11	1392	86.35	15.6	16	SM400A		
2	FB-STF	PL	110* 9	438	70.65	3.40	7	SM400A		
2	FB-F	PL	111* 10	1285	78.50	11.2	22	SM400A		
JL2-JL3CG							215 kg			

APPROACH BRIDGE CROSS GIRDER C10 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DIA	PL	2690* 9	2727	70.65	415	415	SM400A	80	
1	FB-W	PL	2182* 9	169	70.65	26.1	26	SM400A		
1	FB-W	PL	2231* 9	169	70.65	26.6	27	SM400A		
1	FB-F	PL	250* 10	168	78.50	3.30	3	SM400A		
1	FB-F	PL	250* 16	168	125.6	5.28	5	SM400A		
2	D-STF	PL	121* 16	2690	125.6	40.9	82	SM400A		
2	D-STF	PL	100* 10	1383	78.50	10.9	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	90* 9	765	70.65	4.86	10	SM400A		
2	FB-F	PL	111* 10	169	78.50	1.47	3	SM400A		
2	D-FLG	PL	111* 10	2691	78.50	23.4	47	SM400A		
2	FB-F	PL	111* 10	168	78.50	1.46	3	SM400A		
JL3-JL4							665 kg			

APPROACH BRIDGE CROSS GIRDER C10 JL4-JL5										

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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	677* 9	2935	70.65	119	119	SM400A	85	
JL4-JL5							119 kg			

APPROACH BRIDGE CROSS GIRDER C10 JL4-JL5CG										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	1578* 9	2935	70.65	327	327	SM400A		
1	FLG	PL	250* 16	2935	125.6	92.2	92	SM400A		
1	FB-STF	PL	130* 11	1450	86.35	16.3	16	SM400A		
2	FB-STF	PL	120* 10	1261	78.50	11.9	24	SM400A		
2	FB-F	PL	111* 10	2935	78.50	25.6	51	SM400A		
JL4-JL5CG							510 kg			

APPROACH BRIDGE CROSS GIRDER C10 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DIA	PL	2690* 9	2727	70.65	415	415	SM400A	80	
1	FB-W	PL	169* 9	2231	70.65	26.6	27	SM400A		
1	FB-W	PL	169* 9	2178	70.65	26.0	26	SM400A		
1	FB-F	PL	250* 16	168	125.6	5.28	5	SM400A		
1	FB-F	PL	280* 16	168	125.6	5.91	6	SM400A		
2	D-STF	PL	136* 16	2690	125.6	45.9	92	SM400A		
2	D-STF	PL	100* 10	1383	78.50	10.9	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	90* 9	765	70.65	4.86	10	SM400A		
2	FB-F	PL	111* 10	169	78.50	1.47	3	SM400A		
2	D-FLG	PL	111* 10	2691	78.50	23.4	47	SM400A		
2	FB-F	PL	111* 10	169	78.50	1.47	3	SM400A		
JL5-JL6							678 kg			

APPROACH BRIDGE CROSS GIRDER C10 JL6-JL6A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	647* 9	1908	70.65	87.2	87	SM400A		
JL6-JL6A							87 kg			

APPROACH BRIDGE CROSS GIRDER C10 JL6A-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks

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1	WEB	PL	647* 9	2689	70.65	123	123	SM400A		
JL6A-JL7							123 kg			

APPROACH BRIDGE CROSS GIRDER C10 JL6-JL7CG										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	1574* 9	4622	70.65	514	514	SM400A		
1	FLG	PL	280* 16	4575	125.6	161	161	SM400A		
1	FB-STF	PL	130* 11	1391	86.35	15.6	16	SM400A		
1	FB-STF	PL	120* 10	2081	78.50	19.6	20	SM400A		
1	FB-STF	PL	120* 10	2081	78.50	19.6	20	SM400A		
2	FB-F	PL	111* 10	4574	78.50	39.9	80	SM400A		
JL6-JL7CG							811 kg			

APPROACH BRIDGE CROSS GIRDER C10 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DIA	PL	2729* 9	2989	70.65	346	346	SM400A	60	
1	BR-W	PL	788* 9	609	70.65	18.6	19	SM400A	55	
2	D-STF	PL	136* 16	1144	125.6	19.5	39	SM400A		
2	D-STF	PL	100* 10	1397	78.50	11.0	22	SM400A		
2	D-STF	PL	100* 10	1412	78.50	11.1	22	SM400A		
2	D-STF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	FB-W	PL	2232* 9	168	70.65	26.5	26	SM400A		
1	FB-F	PL	280* 16	168	125.6	5.91	6	SM400A		
1	FB-F	PL	111* 10	167	78.50	1.46	1	SM400A		
1	FB-F	PL	111* 10	172	78.50	1.50	2	SM400A		
2	D-FLG	PL	111* 10	2545	78.50	22.2	44	SM400A		
1	BR-F	PL	230* 10	633	78.50	11.4	11	SM400A		
JL7-JL8							544 kg			

APPROACH BRIDGE CROSS GIRDER C10 JL8-RR1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	BR-W	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	BR-STF	PL	90* 9	509	70.65	3.24	3	SM400A		
1	BR-F	PL	230* 10	1024	78.50	18.5	18	SM400A		
JL8-RR1							53 kg			
C10							4443 kg			

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APPROACH BRIDGE CROSS GIRDER C11 LL1-JL1											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	BR-W	PL	636* 9	1113	70.65	32.5	32	SM400A	65		
1	BR-STF	PL	90* 9	509	70.65	3.24	3	SM400A			
1	BR-F	PL	230* 10	1024	78.50	18.5	18	SM400A			
							LL1-JL1				53 kg

APPROACH BRIDGE CROSS GIRDER C11 JL1-JL2											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	DIA	PL	2730* 9	2989	70.65	346	346	SM400A	60		
1	BR-W	PL	788* 9	609	70.65	18.6	19	SM400A	55		
2	D-STF	PL	121* 10	1144	78.50	10.9	22	SM400A			
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A			
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A			
2	D-STF	PL	90* 9	503	70.65	3.20	6	SM400A			
1	FB-W	PL	2233* 9	168	70.65	26.5	26	SM400A			
1	FB-F	PL	250* 10	168	78.50	3.30	3	SM400A			
1	BR-F	PL	230* 10	633	78.50	11.4	11	SM400A			
2	D-FLG	PL	111* 10	2545	78.50	22.2	44	SM400A			
2	FB-F	PL	111* 10	168	78.50	1.46	3	SM400A			
							JL1-JL2				524 kg

APPROACH BRIDGE CROSS GIRDER C11 JL2-JL3											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	WEB	PL	673* 9	1285	70.65	61.1	61	SM400A			
							JL2-JL3				61 kg

APPROACH BRIDGE CROSS GIRDER C11 JL2-JL3CG											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	WEB	PL	1596* 9	1285	70.65	145	145	SM400A			
1	FLG	PL	250* 10	1287	78.50	25.3	25	SM400A			
1	FB-STF	PL	130* 11	1392	86.35	15.6	16	SM400A			
2	FB-STF	PL	110* 9	438	70.65	3.40	7	SM400A			
2	FB-F	PL	111* 10	1285	78.50	11.2	22	SM400A			
							JL2-JL3CG				215 kg

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APPROACH BRIDGE CROSS GIRDER C11 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DIA	PL	2690* 9	2727	70.65	415	415	SM400A	80	
1	FB-W	PL	2182* 9	169	70.65	26.1	26	SM400A		
1	FB-W	PL	2231* 9	169	70.65	26.6	27	SM400A		
1	FB-F	PL	250* 10	168	78.50	3.30	3	SM400A		
1	FB-F	PL	250* 16	168	125.6	5.28	5	SM400A		
2	D-STF	PL	121* 16	2690	125.6	40.9	82	SM400A		
2	D-STF	PL	100* 10	1383	78.50	10.9	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	90* 9	765	70.65	4.86	10	SM400A		
2	FB-F	PL	111* 10	169	78.50	1.47	3	SM400A		
2	D-FLG	PL	111* 10	2691	78.50	23.4	47	SM400A		
2	FB-F	PL	111* 10	168	78.50	1.46	3	SM400A		
JL3-JL4							665 kg			

APPROACH BRIDGE CROSS GIRDER C11 JL4-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	677* 9	2935	70.65	119	119	SM400A	85	
JL4-JL5							119 kg			

APPROACH BRIDGE CROSS GIRDER C11 JL4-JL5CG										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	1578* 9	2935	70.65	327	327	SM400A		
1	FLG	PL	250* 16	2935	125.6	92.2	92	SM400A		
1	FB-STF	PL	130* 11	1450	86.35	16.3	16	SM400A		
2	FB-STF	PL	120* 10	1261	78.50	11.9	24	SM400A		
2	FB-F	PL	111* 10	2935	78.50	25.6	51	SM400A		
JL4-JL5CG							510 kg			

APPROACH BRIDGE CROSS GIRDER C11 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DIA	PL	2690* 9	2727	70.65	415	415	SM400A	80	
1	FB-W	PL	169* 9	2231	70.65	26.6	27	SM400A		
1	FB-W	PL	169* 9	2178	70.65	26.0	26	SM400A		
1	FB-F	PL	250* 16	168	125.6	5.28	5	SM400A		

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1	FB-F	PL	280* 16	168	125.6	5.91	6	SM400A		
2	D-STF	PL	136* 16	2690	125.6	45.9	92	SM400A		
2	D-STF	PL	100* 10	1383	78.50	10.9	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	90* 9	765	70.65	4.86	10	SM400A		
2	FB-F	PL	111* 10	169	78.50	1.47	3	SM400A		
2	D-FLG	PL	111* 10	2691	78.50	23.4	47	SM400A		
2	FB-F	PL	111* 10	169	78.50	1.47	3	SM400A		
JL5-JL6							678 kg			

APPROACH BRIDGE CROSS GIRDER C11 JL6-JL6A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	647* 9	1908	70.65	87.2	87	SM400A		
JL6-JL6A							87 kg			

APPROACH BRIDGE CROSS GIRDER C11 JL6A-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	647* 9	2653	70.65	121	121	SM400A		
JL6A-JL7							121 kg			

APPROACH BRIDGE CROSS GIRDER C11 JL6-JL7CG										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	1574* 9	4587	70.65	510	510	SM400A		
1	FLG	PL	280* 16	4540	125.6	160	160	SM400A		
1	FB-STF	PL	130* 11	1391	86.35	15.6	16	SM400A		
1	FB-STF	PL	120* 10	2063	78.50	19.4	19	SM400A		
1	FB-STF	PL	120* 10	2063	78.50	19.4	19	SM400A		
2	FB-F	PL	111* 10	4538	78.50	39.5	79	SM400A		
JL6-JL7CG							803 kg			

APPROACH BRIDGE CROSS GIRDER C11 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DIA	PL	2729* 9	2989	70.65	346	346	SM400A	60	
1	BR-W	PL	788* 9	609	70.65	18.6	19	SM400A	55	
2	D-STF	PL	136* 16	1144	125.6	19.5	39	SM400A		
2	D-STF	PL	100* 10	1397	78.50	11.0	22	SM400A		

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2	D-STF	PL	100* 10	1412	78.50	11.1	22	SM400A		
2	D-STF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	FB-W	PL	2232* 9	168	70.65	26.5	26	SM400A		
1	FB-F	PL	280* 16	168	125.6	5.91	6	SM400A		
1	FB-F	PL	111* 10	167	78.50	1.46	1	SM400A		
1	FB-F	PL	111* 10	172	78.50	1.50	2	SM400A		
2	D-FLG	PL	111* 10	2545	78.50	22.2	44	SM400A		
1	BR-F	PL	230* 10	633	78.50	11.4	11	SM400A		
JL7-JL8							544 kg			

APPROACH BRIDGE CROSS GIRDER C11 JL8-RR1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	BR-W	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	BR-STF	PL	90* 9	509	70.65	3.24	3	SM400A		
1	BR-F	PL	230* 10	1024	78.50	18.5	18	SM400A		
JL8-RR1							53 kg			
C11							4433 kg			

APPROACH BRIDGE CROSS GIRDER C12 LL1-JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	BR-W	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	BR-STF	PL	90* 9	509	70.65	3.24	3	SM400A		
1	BR-F	PL	230* 10	1024	78.50	18.5	18	SM400A		
LL1-JL1							53 kg			

APPROACH BRIDGE CROSS GIRDER C12 JL1-JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DIA	PL	2730* 9	2989	70.65	346	346	SM400A	60	
1	BR-W	PL	788* 9	609	70.65	18.6	19	SM400A	55	
2	D-STF	PL	121* 10	1144	78.50	10.9	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	FB-W	PL	2233* 9	168	70.65	26.5	26	SM400A		
1	FB-F	PL	250* 10	168	78.50	3.30	3	SM400A		
1	BR-F	PL	230* 10	633	78.50	11.4	11	SM400A		
2	D-FLG	PL	111* 10	2545	78.50	22.2	44	SM400A		

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2	FB-F	PL	111* 10	168	78.50	1.46	3	SM400A			
							524 kg				
JL1-JL2											

APPROACH BRIDGE CROSS GIRDER C12 JL2-JL3											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	WEB	PL	673* 9	1285	70.65	61.1	61	SM400A			
							61 kg				
JL2-JL3											

APPROACH BRIDGE CROSS GIRDER C12 JL2-JL3CG											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	WEB	PL	1596* 9	1285	70.65	145	145	SM400A			
1	FLG	PL	250* 10	1287	78.50	25.3	25	SM400A			
1	FB-STF	PL	130* 11	1392	86.35	15.6	16	SM400A			
2	FB-STF	PL	110* 9	438	70.65	3.40	7	SM400A			
2	FB-F	PL	111* 10	1285	78.50	11.2	22	SM400A			
							215 kg				
JL2-JL3CG											

APPROACH BRIDGE CROSS GIRDER C12 JL3-JL4											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	DIA	PL	2690* 9	2727	70.65	415	415	SM400A	80		
1	FB-W	PL	2182* 9	169	70.65	26.1	26	SM400A			
1	FB-W	PL	2231* 9	169	70.65	26.6	27	SM400A			
1	FB-F	PL	250* 10	168	78.50	3.30	3	SM400A			
1	FB-F	PL	250* 16	168	125.6	5.28	5	SM400A			
2	D-STF	PL	121* 16	2690	125.6	40.9	82	SM400A			
2	D-STF	PL	100* 10	1383	78.50	10.9	22	SM400A			
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A			
2	D-STF	PL	90* 9	765	70.65	4.86	10	SM400A			
2	FB-F	PL	111* 10	169	78.50	1.47	3	SM400A			
2	D-FLG	PL	111* 10	2691	78.50	23.4	47	SM400A			
2	FB-F	PL	111* 10	168	78.50	1.46	3	SM400A			
							665 kg				
JL3-JL4											

APPROACH BRIDGE CROSS GIRDER C12 JL4-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	677* 9	2935	70.65	119	119	SM400A	85	

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JL4-JL5	119 kg
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APPROACH BRIDGE CROSS GIRDER C12 JL4-JL5CG										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	1578* 9	2935	70.65	327	327	SM400A		
1	FLG	PL	250* 16	2935	125.6	92.2	92	SM400A		
1	FB-STF	PL	130* 11	1450	86.35	16.3	16	SM400A		
2	FB-STF	PL	120* 10	1261	78.50	11.9	24	SM400A		
2	FB-F	PL	111* 10	2935	78.50	25.6	51	SM400A		
JL4-JL5CG							510 kg			

APPROACH BRIDGE CROSS GIRDER C12 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DIA	PL	2690* 9	2727	70.65	415	415	SM400A	80	
1	FB-W	PL	169* 9	2231	70.65	26.6	27	SM400A		
1	FB-W	PL	169* 9	2178	70.65	26.0	26	SM400A		
1	FB-F	PL	250* 16	168	125.6	5.28	5	SM400A		
1	FB-F	PL	280* 16	168	125.6	5.91	6	SM400A		
2	D-STF	PL	136* 16	2690	125.6	45.9	92	SM400A		
2	D-STF	PL	100* 10	1383	78.50	10.9	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	90* 9	765	70.65	4.86	10	SM400A		
2	FB-F	PL	111* 10	169	78.50	1.47	3	SM400A		
2	D-FLG	PL	111* 10	2691	78.50	23.4	47	SM400A		
2	FB-F	PL	111* 10	169	78.50	1.47	3	SM400A		
JL5-JL6							678 kg			

APPROACH BRIDGE CROSS GIRDER C12 JL6-JL6A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	647* 9	1908	70.65	87.2	87	SM400A		
JL6-JL6A							87 kg			

APPROACH BRIDGE CROSS GIRDER C12 JL6A-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	647* 9	2544	70.65	116	116	SM400A		

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JL6A-JL7	116 kg
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APPROACH BRIDGE CROSS GIRDER C12 JL6-JL7CG										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	1574* 9	4478	70.65	498	498	SM400A		
1	FLG	PL	280* 16	4430	125.6	156	156	SM400A		
1	FB-STF	PL	130* 11	1391	86.35	15.6	16	SM400A		
1	FB-STF	PL	120* 10	2008	78.50	18.9	19	SM400A		
1	FB-STF	PL	120* 10	2008	78.50	18.9	19	SM400A		
2	FB-F	PL	111* 10	4428	78.50	38.6	77	SM400A		
JL6-JL7CG							785 kg			

APPROACH BRIDGE CROSS GIRDER C12 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DIA	PL	2729* 9	2989	70.65	346	346	SM400A	60	
1	BR-W	PL	788* 9	609	70.65	18.6	19	SM400A	55	
2	D-STF	PL	136* 16	1144	125.6	19.5	39	SM400A		
2	D-STF	PL	100* 10	1397	78.50	11.0	22	SM400A		
2	D-STF	PL	100* 10	1412	78.50	11.1	22	SM400A		
2	D-STF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	FB-W	PL	2232* 9	168	70.65	26.5	26	SM400A		
1	FB-F	PL	280* 16	168	125.6	5.91	6	SM400A		
1	FB-F	PL	111* 10	167	78.50	1.46	1	SM400A		
1	FB-F	PL	111* 10	172	78.50	1.50	2	SM400A		
2	D-FLG	PL	111* 10	2545	78.50	22.2	44	SM400A		
1	BR-F	PL	230* 10	633	78.50	11.4	11	SM400A		
JL7-JL8							544 kg			

APPROACH BRIDGE CROSS GIRDER C12 JL8-RR1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	BR-W	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	BR-STF	PL	90* 9	509	70.65	3.24	3	SM400A		
1	BR-F	PL	230* 10	1024	78.50	18.5	18	SM400A		
JL8-RR1							53 kg			
C12							4410 kg			

APPROACH BRIDGE CROSS GIRDER C13 LL1-JL1										
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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	BR-W	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	BR-STF	PL	90* 9	509	70.65	3.24	3	SM400A		
1	BR-F	PL	230* 10	1024	78.50	18.5	18	SM400A		
LL1-JL1							53 kg			

APPROACH BRIDGE CROSS GIRDER C13 JL1-JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DIA	PL	2730* 9	2989	70.65	346	346	SM400A	60	
1	BR-W	PL	788* 9	609	70.65	18.6	19	SM400A	55	
2	D-STF	PL	121* 10	1144	78.50	10.9	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	FB-W	PL	2233* 9	168	70.65	26.5	26	SM400A		
1	FB-F	PL	250* 10	168	78.50	3.30	3	SM400A		
1	BR-F	PL	230* 10	633	78.50	11.4	11	SM400A		
2	D-FLG	PL	111* 10	2545	78.50	22.2	44	SM400A		
2	FB-F	PL	111* 10	168	78.50	1.46	3	SM400A		
JL1-JL2							524 kg			

APPROACH BRIDGE CROSS GIRDER C13 JL2-JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	673* 9	1285	70.65	61.1	61	SM400A		
JL2-JL3							61 kg			

APPROACH BRIDGE CROSS GIRDER C13 JL2-JL3CG										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	1596* 9	1285	70.65	145	145	SM400A		
1	FLG	PL	250* 10	1287	78.50	25.3	25	SM400A		
1	FB-STF	PL	130* 11	1392	86.35	15.6	16	SM400A		
2	FB-STF	PL	110* 9	438	70.65	3.40	7	SM400A		
2	FB-F	PL	111* 10	1285	78.50	11.2	22	SM400A		
JL2-JL3CG							215 kg			

APPROACH BRIDGE CROSS GIRDER C13 JL3-JL4										
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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DIA	PL	2690* 9	2727	70.65	415	415	SM400A	80	
1	FB-W	PL	2182* 9	169	70.65	26.1	26	SM400A		
1	FB-W	PL	2231* 9	169	70.65	26.6	27	SM400A		
1	FB-F	PL	250* 10	168	78.50	3.30	3	SM400A		
1	FB-F	PL	250* 16	168	125.6	5.28	5	SM400A		
2	D-STF	PL	121* 16	2690	125.6	40.9	82	SM400A		
2	D-STF	PL	100* 10	1383	78.50	10.9	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	90* 9	765	70.65	4.86	10	SM400A		
2	FB-F	PL	111* 10	169	78.50	1.47	3	SM400A		
2	D-FLG	PL	111* 10	2691	78.50	23.4	47	SM400A		
2	FB-F	PL	111* 10	168	78.50	1.46	3	SM400A		
JL3-JL4							665 kg			

APPROACH BRIDGE CROSS GIRDER C13 JL4-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	677* 9	2935	70.65	119	119	SM400A	85	
JL4-JL5							119 kg			

APPROACH BRIDGE CROSS GIRDER C13 JL4-JL5CG										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	1578* 9	2935	70.65	327	327	SM400A		
1	FLG	PL	250* 16	2935	125.6	92.2	92	SM400A		
1	FB-STF	PL	130* 11	1450	86.35	16.3	16	SM400A		
2	FB-STF	PL	120* 10	1261	78.50	11.9	24	SM400A		
2	FB-F	PL	111* 10	2936	78.50	25.6	51	SM400A		
JL4-JL5CG							510 kg			

APPROACH BRIDGE CROSS GIRDER C13 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DIA	PL	2690* 9	2727	70.65	415	415	SM400A	80	
1	FB-W	PL	2231* 9	169	70.65	26.6	27	SM400A		
1	FB-W	PL	2178* 9	169	70.65	26.0	26	SM400A		
1	FB-F	PL	250* 16	168	125.6	5.28	5	SM400A		
1	FB-F	PL	250* 10	168	78.50	3.30	3	SM400A		
2	D-STF	PL	121* 16	2690	125.6	40.9	82	SM400A		

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2	D-STF	PL	100* 10	1383	78.50	10.9	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	90* 9	765	70.65	4.86	10	SM400A		
2	FB-F	PL	111* 10	169	78.50	1.47	3	SM400A		
2	D-FLG	PL	111* 10	2691	78.50	23.4	47	SM400A		
2	FB-F	PL	111* 10	169	78.50	1.47	3	SM400A		
JL5-JL6							665 kg			

APPROACH BRIDGE CROSS GIRDER C13 JL6-JL6A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	647* 9	1908	70.65	87.2	87	SM400A		
JL6-JL6A							87 kg			

APPROACH BRIDGE CROSS GIRDER C13 JL6A-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	647* 9	1847	70.65	84.4	84	SM400A		
JL6A-JL7							84 kg			

APPROACH BRIDGE CROSS GIRDER C13 JL6-JL7CG										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	1573* 9	3787	70.65	421	421	SM400A		
1	FLG	PL	250* 10	3737	78.50	73.3	73	SM400A		
1	FB-STF	PL	130* 11	1383	86.35	15.5	16	SM400A		
1	FB-STF	PL	120* 10	1113	78.50	10.5	10	SM400A		
1	FB-STF	PL	120* 10	2212	78.50	20.8	21	SM400A		
2	FB-F	PL	111* 10	3735	78.50	32.5	65	SM400A		
JL6-JL7CG							606 kg			

APPROACH BRIDGE CROSS GIRDER C13 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DIA	PL	2730* 9	2989	70.65	346	346	SM400A	60	
1	BR-W	PL	788* 9	609	70.65	18.6	19	SM400A	55	
2	D-STF	PL	121* 10	1144	78.50	10.9	22	SM400A		
2	D-STF	PL	100* 10	1397	78.50	11.0	22	SM400A		
2	D-STF	PL	100* 10	1412	78.50	11.1	22	SM400A		
2	D-STF	PL	90* 9	503	70.65	3.20	6	SM400A		

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1	FB-W	PL	2232* 9	168	70.65	26.5	26	SM400A		
1	FB-F	PL	250* 10	168	78.50	3.30	3	SM400A		
1	FB-F	PL	111* 10	167	78.50	1.46	1	SM400A		
1	FB-F	PL	111* 10	172	78.50	1.50	2	SM400A		
2	D-FLG	PL	111* 10	2545	78.50	22.2	44	SM400A		
1	BR-F	PL	230* 10	633	78.50	11.4	11	SM400A		
							JL7-JL8			
							524 kg			

APPROACH BRIDGE CROSS GIRDER C13 JL8-RR1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	BR-W	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	BR-STF	PL	90* 9	509	70.65	3.24	3	SM400A		
1	BR-F	PL	230* 10	1024	78.50	18.5	18	SM400A		
							JL8-RR1			
							53 kg			
							C13			
							4166 kg			

APPROACH BRIDGE CROSS GIRDER C14 LL1-JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	BR-W	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	BR-STF	PL	90* 9	509	70.65	3.24	3	SM400A		
1	BR-F	PL	230* 10	1024	78.50	18.5	18	SM400A		
							LL1-JL1			
							53 kg			

APPROACH BRIDGE CROSS GIRDER C14 JL1-JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DIA	PL	2730* 9	2989	70.65	346	346	SM400A	60	
1	BR-W	PL	787* 9	606	70.65	18.5	18	SM400A	55	
2	D-STF	PL	121* 10	1144	78.50	10.9	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	FB-W	PL	2233* 9	166	70.65	26.2	26	SM400A		
1	FB-F	PL	250* 10	166	78.50	3.26	3	SM400A		
1	BR-F	PL	230* 10	627	78.50	11.3	11	SM400A		
2	D-FLG	PL	111* 10	2545	78.50	22.2	44	SM400A		
2	FB-F	PL	111* 10	166	78.50	1.45	3	SM400A		

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JL1-JL2						523 kg				
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APPROACH BRIDGE CROSS GIRDER C14 JL2-JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	673* 9	1285	70.65	61.1	61	SM400A		
JL2-JL3						61 kg				

APPROACH BRIDGE CROSS GIRDER C14 JL2-JL3CG										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	1596* 9	1285	70.65	145	145	SM400A		
1	FLG	PL	250* 10	1287	78.50	25.3	25	SM400A		
1	FB-STF	PL	130* 11	1392	86.35	15.6	16	SM400A		
2	FB-STF	PL	110* 9	438	70.65	3.40	7	SM400A		
2	FB-F	PL	111* 10	1285	78.50	11.2	22	SM400A		
JL2-JL3CG						215 kg				

APPROACH BRIDGE CROSS GIRDER C14 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DIA	PL	2690* 9	2727	70.65	415	415	SM400A	80	
1	FB-W	PL	2182* 9	169	70.65	26.1	26	SM400A		
1	FB-W	PL	2231* 9	169	70.65	26.6	27	SM400A		
1	FB-F	PL	250* 10	168	78.50	3.30	3	SM400A		
1	FB-F	PL	250* 16	168	125.6	5.28	5	SM400A		
2	D-STF	PL	121* 16	2690	125.6	40.9	82	SM400A		
2	D-STF	PL	100* 10	1383	78.50	10.9	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	90* 9	765	70.65	4.86	10	SM400A		
2	FB-F	PL	111* 10	169	78.50	1.47	3	SM400A		
2	D-FLG	PL	111* 10	2691	78.50	23.4	47	SM400A		
2	FB-F	PL	111* 10	168	78.50	1.46	3	SM400A		
JL3-JL4						665 kg				

APPROACH BRIDGE CROSS GIRDER C14 JL4-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	677* 9	2935	70.65	119	119	SM400A	85	
JL4-JL5						119 kg				

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APPROACH BRIDGE CROSS GIRDER C14 JL4-JL5CG										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	1578* 9	2935	70.65	327	327	SM400A		
1	FLG	PL	250* 16	2935	125.6	92.2	92	SM400A		
1	FB-STF	PL	130* 11	1450	86.35	16.3	16	SM400A		
2	FB-STF	PL	120* 10	1261	78.50	11.9	24	SM400A		
2	FB-F	PL	111* 10	2936	78.50	25.6	51	SM400A		
JL4-JL5CG							510 kg			

APPROACH BRIDGE CROSS GIRDER C14 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DIA	PL	2690* 9	2727	70.65	415	415	SM400A	80	
1	FB-W	PL	2231* 9	169	70.65	26.6	27	SM400A		
1	FB-W	PL	2178* 9	169	70.65	26.0	26	SM400A		
1	FB-F	PL	250* 16	168	125.6	5.28	5	SM400A		
1	FB-F	PL	250* 10	168	78.50	3.30	3	SM400A		
2	D-STF	PL	121* 16	2690	125.6	40.9	82	SM400A		
2	D-STF	PL	100* 10	1383	78.50	10.9	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	90* 9	765	70.65	4.86	10	SM400A		
2	FB-F	PL	111* 10	169	78.50	1.47	3	SM400A		
2	D-FLG	PL	111* 10	2691	78.50	23.4	47	SM400A		
2	FB-F	PL	111* 10	169	78.50	1.47	3	SM400A		
JL5-JL6							665 kg			

APPROACH BRIDGE CROSS GIRDER C14 JL6-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	647* 9	3054	70.65	140	140	SM400A		
JL6-JL7							140 kg			

APPROACH BRIDGE CROSS GIRDER C14 JL6-JL7CG										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	1634* 9	3040	70.65	351	351	SM400A		
1	FLG	PL	250* 10	3042	78.50	59.7	60	SM400A		
1	FB-STF	PL	130* 11	1391	86.35	15.6	16	SM400A		
1	FB-STF	PL	110* 9	1315	70.65	10.2	10	SM400A		

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1	FB-STF	PL	110* 9	1315	70.65	10.2	10	SM400A		
2	FB-F	PL	111* 10	3040	78.50	26.5	53	SM400A		
JL6-JL7CG							500 kg			

APPROACH BRIDGE CROSS GIRDER C14 JL7-JL8											
Q'ty	Item	Category	Dimension of Section	Length	Length	Unit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DIA	PL	2730* 9	2989		70.65	346	346	SM400A	60	
1	BR-W	PL	787* 9	606		70.65	18.5	18	SM400A	55	
2	D-STF	PL	121* 10	1144		78.50	10.9	22	SM400A		
2	D-STF	PL	100* 10	1397		78.50	11.0	22	SM400A		
2	D-STF	PL	100* 10	1412		78.50	11.1	22	SM400A		
2	D-STF	PL	90* 9	503		70.65	3.20	6	SM400A		
1	FB-W	PL	2232* 9	166		70.65	26.2	26	SM400A		
1	FB-F	PL	250* 10	166		78.50	3.26	3	SM400A		
1	FB-F	PL	111* 10	167		78.50	1.46	1	SM400A		
1	FB-F	PL	111* 10	172		78.50	1.50	2	SM400A		
2	D-FLG	PL	111* 10	2545		78.50	22.2	44	SM400A		
1	BR-F	PL	230* 10	627		78.50	11.3	11	SM400A		
JL7-JL8							523 kg				

APPROACH BRIDGE CROSS GIRDER C14 JL8-RR1											
Q'ty	Item	Category	Dimension of Section	Length	Length	Unit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	BR-W	PL	636* 9	1113		70.65	32.5	32	SM400A	65	
1	BR-STF	PL	90* 9	509		70.65	3.24	3	SM400A		
1	BR-F	PL	230* 10	1024		78.50	18.5	18	SM400A		
JL8-RR1							53 kg				
C14							4027 kg				

APPROACH BRIDGE CROSS GIRDER C15 LL1-JL1											
Q'ty	Item	Category	Dimension of Section	Length	Length	Unit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	BR-W	PL	636* 9	1113		70.65	32.5	32	SM400A	65	
1	BR-STF	PL	90* 9	509		70.65	3.24	3	SM400A		
1	BR-F	PL	230* 10	1024		78.50	18.5	18	SM400A		
LL1-JL1							53 kg				

APPROACH BRIDGE CROSS GIRDER C15 JL1-JL2										
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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DIA	PL	2730* 9	2989	70.65	346	346	SM400A	60	
1	BR-W	PL	788* 9	609	70.65	18.6	19	SM400A	55	
2	D-STF	PL	121* 10	1144	78.50	10.9	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	FB-W	PL	2233* 9	168	70.65	26.5	26	SM400A		
1	FB-F	PL	250* 10	168	78.50	3.30	3	SM400A		
1	BR-F	PL	230* 10	633	78.50	11.4	11	SM400A		
2	D-FLG	PL	111* 10	2545	78.50	22.2	44	SM400A		
2	FB-F	PL	111* 10	168	78.50	1.46	3	SM400A		
JL1-JL2							524 kg			

APPROACH BRIDGE CROSS GIRDER C15 JL2-JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	673* 9	1285	70.65	61.1	61	SM400A		
JL2-JL3							61 kg			

APPROACH BRIDGE CROSS GIRDER C15 JL2-JL3CG										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	1596* 9	1285	70.65	145	145	SM400A		
1	FLG	PL	250* 10	1287	78.50	25.3	25	SM400A		
1	FB-STF	PL	130* 11	1392	86.35	15.6	16	SM400A		
2	FB-STF	PL	110* 9	438	70.65	3.40	7	SM400A		
2	FB-F	PL	111* 10	1285	78.50	11.2	22	SM400A		
JL2-JL3CG							215 kg			

APPROACH BRIDGE CROSS GIRDER C15 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DIA	PL	2690* 9	2727	70.65	415	415	SM400A	80	
1	FB-W	PL	2182* 9	169	70.65	26.1	26	SM400A		
1	FB-W	PL	2231* 9	169	70.65	26.6	27	SM400A		
1	FB-F	PL	250* 10	168	78.50	3.30	3	SM400A		
1	FB-F	PL	250* 16	168	125.6	5.28	5	SM400A		
2	D-STF	PL	121* 16	2690	125.6	40.9	82	SM400A		
2	D-STF	PL	100* 10	1383	78.50	10.9	22	SM400A		

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2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A			
2	D-STF	PL	90* 9	765	70.65	4.86	10	SM400A			
2	FB-F	PL	111* 10	169	78.50	1.47	3	SM400A			
2	D-FLG	PL	111* 10	2691	78.50	23.4	47	SM400A			
2	FB-F	PL	111* 10	168	78.50	1.46	3	SM400A			
							JL3-JL4				665 kg

APPROACH BRIDGE CROSS GIRDER C15 JL4-JL5											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	WEB	PL	677* 9	2935	70.65	119	119	SM400A	85		
							JL4-JL5				119 kg

APPROACH BRIDGE CROSS GIRDER C15 JL4-JL5CG											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	WEB	PL	1578* 9	2935	70.65	327	327	SM400A			
1	FLG	PL	250* 16	2935	125.6	92.2	92	SM400A			
1	FB-STF	PL	130* 11	1450	86.35	16.3	16	SM400A			
2	FB-STF	PL	120* 10	1261	78.50	11.9	24	SM400A			
2	FB-F	PL	111* 10	2936	78.50	25.6	51	SM400A			
							JL4-JL5CG				510 kg

APPROACH BRIDGE CROSS GIRDER C15 JL5-JL6											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	DIA	PL	2690* 9	2727	70.65	415	415	SM400A	80		
1	FB-W	PL	2231* 9	169	70.65	26.6	27	SM400A			
1	FB-W	PL	2178* 9	169	70.65	26.0	26	SM400A			
1	FB-F	PL	250* 16	168	125.6	5.28	5	SM400A			
1	FB-F	PL	250* 10	168	78.50	3.30	3	SM400A			
2	D-STF	PL	121* 16	2690	125.6	40.9	82	SM400A			
2	D-STF	PL	100* 10	1383	78.50	10.9	22	SM400A			
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A			
2	D-STF	PL	90* 9	765	70.65	4.86	10	SM400A			
2	FB-F	PL	111* 10	169	78.50	1.47	3	SM400A			
2	D-FLG	PL	111* 10	2691	78.50	23.4	47	SM400A			
2	FB-F	PL	111* 10	169	78.50	1.47	3	SM400A			
							JL5-JL6				665 kg

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APPROACH BRIDGE CROSS GIRDER C15 JL6-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	647* 9	1732	70.65	79.2	79	SM400A		
JL6-JL7							79 kg			

APPROACH BRIDGE CROSS GIRDER C15 JL6-JL7CG										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	1412* 9	1781	70.65	178	178	SM400A		
1	FLG	PL	250* 10	1718	78.50	33.7	34	SM400A		
1	FB-STF	PL	130* 11	1391	86.35	15.6	16	SM400A		
1	FB-STF	PL	110* 9	652	70.65	5.07	5	SM400A		
1	FB-STF	PL	110* 9	652	70.65	5.07	5	SM400A		
2	FB-F	PL	111* 10	1716	78.50	15.0	30	SM400A		
JL6-JL7CG							268 kg			

APPROACH BRIDGE CROSS GIRDER C15 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DIA	PL	2730* 9	2989	70.65	346	346	SM400A	60	
1	BR-W	PL	788* 9	609	70.65	18.6	19	SM400A	55	
2	D-STF	PL	121* 10	1144	78.50	10.9	22	SM400A		
2	D-STF	PL	100* 10	1397	78.50	11.0	22	SM400A		
2	D-STF	PL	100* 10	1412	78.50	11.1	22	SM400A		
2	D-STF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	FB-W	PL	2232* 9	168	70.65	26.5	26	SM400A		
1	FB-F	PL	250* 10	168	78.50	3.30	3	SM400A		
1	FB-F	PL	111* 10	167	78.50	1.46	1	SM400A		
1	FB-F	PL	111* 10	172	78.50	1.50	2	SM400A		
2	D-FLG	PL	111* 10	2545	78.50	22.2	44	SM400A		
1	BR-F	PL	230* 10	633	78.50	11.4	11	SM400A		
JL7-JL8							524 kg			

APPROACH BRIDGE CROSS GIRDER C15 JL8-RR1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	BR-W	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	BR-STF	PL	90* 9	509	70.65	3.24	3	SM400A		
1	BR-F	PL	230* 10	1024	78.50	18.5	18	SM400A		

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JL8-RR1		53 kg
C15		3736 kg

APPROACH BRIDGE CROSS GIRDER C16 LL1-JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	BR-W	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	BR-STF	PL	90* 9	509	70.65	3.24	3	SM400A		
1	BR-F	PL	230* 10	1024	78.50	18.5	18	SM400A		
LL1-JL1		53 kg								

APPROACH BRIDGE CROSS GIRDER C16 JL1-JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DIA	PL	2730* 9	2989	70.65	346	346	SM400A	60	
1	BR-W	PL	788* 9	609	70.65	18.6	19	SM400A	55	
2	D-STF	PL	121* 10	1144	78.50	10.9	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	FB-W	PL	2233* 9	168	70.65	26.5	26	SM400A		
1	FB-F	PL	250* 10	168	78.50	3.30	3	SM400A		
1	BR-F	PL	230* 10	633	78.50	11.4	11	SM400A		
2	D-FLG	PL	111* 10	2545	78.50	22.2	44	SM400A		
2	FB-F	PL	111* 10	168	78.50	1.46	3	SM400A		
JL1-JL2		524 kg								

APPROACH BRIDGE CROSS GIRDER C16 JL2-JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	673* 9	1285	70.65	61.1	61	SM400A		
JL2-JL3		61 kg								

APPROACH BRIDGE CROSS GIRDER C16 JL2-JL3CG										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	1596* 9	1285	70.65	145	145	SM400A		
1	FLG	PL	250* 10	1287	78.50	25.3	25	SM400A		
1	FB-STF	PL	130* 11	1392	86.35	15.6	16	SM400A		
2	FB-STF	PL	110* 9	438	70.65	3.40	7	SM400A		

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2	FB-F	PL	111* 10	1285	78.50	11.2	22	SM400A			
JL2-JL3CG							215 kg				

APPROACH BRIDGE CROSS GIRDER C16 JL3-JL4											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	DIA	PL	2690* 9	2727	70.65	415	415	SM400A	80		
1	FB-W	PL	2182* 9	169	70.65	26.1	26	SM400A			
1	FB-W	PL	2231* 9	169	70.65	26.6	27	SM400A			
1	FB-F	PL	250* 10	168	78.50	3.30	3	SM400A			
1	FB-F	PL	250* 16	168	125.6	5.28	5	SM400A			
2	D-STF	PL	121* 16	2690	125.6	40.9	82	SM400A			
2	D-STF	PL	100* 10	1383	78.50	10.9	22	SM400A			
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A			
2	D-STF	PL	90* 9	765	70.65	4.86	10	SM400A			
2	FB-F	PL	111* 10	169	78.50	1.47	3	SM400A			
2	D-FLG	PL	111* 10	2691	78.50	23.4	47	SM400A			
2	FB-F	PL	111* 10	168	78.50	1.46	3	SM400A			
JL3-JL4							665 kg				

APPROACH BRIDGE CROSS GIRDER C16 JL4-JL5											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	WEB	PL	677* 9	2935	70.65	119	119	SM400A	85		
JL4-JL5							119 kg				

APPROACH BRIDGE CROSS GIRDER C16 JL4-JL5CG											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	WEB	PL	1578* 9	2935	70.65	327	327	SM400A			
1	FLG	PL	250* 16	2935	125.6	92.2	92	SM400A			
1	FB-STF	PL	130* 11	1450	86.35	16.3	16	SM400A			
2	FB-STF	PL	120* 10	1261	78.50	11.9	24	SM400A			
2	FB-F	PL	111* 10	2936	78.50	25.6	51	SM400A			
JL4-JL5CG							510 kg				

APPROACH BRIDGE CROSS GIRDER C16 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DIA	PL	2690* 9	2727	70.65	415	415	SM400A	80	

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1	FB-W	PL	2231* 9	169	70.65	26.6	27	SM400A		
1	FB-W	PL	2178* 9	169	70.65	26.0	26	SM400A		
1	FB-F	PL	250* 16	168	125.6	5.28	5	SM400A		
1	FB-F	PL	250* 10	168	78.50	3.30	3	SM400A		
2	D-STF	PL	121* 16	2690	125.6	40.9	82	SM400A		
2	D-STF	PL	100* 10	1383	78.50	10.9	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	90* 9	765	70.65	4.86	10	SM400A		
2	FB-F	PL	111* 10	169	78.50	1.47	3	SM400A		
2	D-FLG	PL	111* 10	2691	78.50	23.4	47	SM400A		
2	FB-F	PL	111* 10	169	78.50	1.47	3	SM400A		
JL5-JL6								665 kg		

APPROACH BRIDGE CROSS GIRDER C16 JL6-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	673* 9	1285	70.65	61.1	61	SM400A		
JL6-JL7								61 kg		

APPROACH BRIDGE CROSS GIRDER C16 JL6-JL7CG										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	1426* 9	1285	70.65	129	129	SM400A		
1	FLG	PL	250* 10	1286	78.50	25.2	25	SM400A		
1	FB-STF	PL	130* 11	1384	86.35	15.5	16	SM400A		
1	FB-STF	PL	110* 9	428	70.65	3.33	3	SM400A		
1	FB-STF	PL	110* 9	427	70.65	3.32	3	SM400A		
2	FB-F	PL	111* 10	1286	78.50	11.2	22	SM400A		
JL6-JL7CG								198 kg		

APPROACH BRIDGE CROSS GIRDER C16 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DIA	PL	2730* 9	2989	70.65	346	346	SM400A	60	
1	BR-W	PL	788* 9	609	70.65	18.6	19	SM400A	55	
2	D-STF	PL	121* 10	1144	78.50	10.9	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	FB-W	PL	2232* 9	168	70.65	26.5	26	SM400A		
1	FB-F	PL	250* 10	168	78.50	3.30	3	SM400A		

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2	FB-F	PL	111* 10	168	78.50	1.46	3	SM400A		
2	D-FLG	PL	111* 10	2545	78.50	22.2	44	SM400A		
1	BR-F	PL	230* 10	633	78.50	11.4	11	SM400A		
JL7-JL8							524 kg			

APPROACH BRIDGE CROSS GIRDER C16 JL8-RR1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	BR-W	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	BR-STF	PL	90* 9	509	70.65	3.24	3	SM400A		
1	BR-F	PL	230* 10	1024	78.50	18.5	18	SM400A		
JL8-RR1							53 kg			
C16							3648 kg			

APPROACH BRIDGE CROSS GIRDER C17 LL1-JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	BR-W	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	BR-STF	PL	90* 9	509	70.65	3.24	3	SM400A		
1	BR-F	PL	230* 10	1024	78.50	18.5	18	SM400A		
LL1-JL1							53 kg			

APPROACH BRIDGE CROSS GIRDER C17 JL1-JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DIA	PL	2730* 9	2989	70.65	346	346	SM400A	60	
1	BR-W	PL	788* 9	609	70.65	18.6	19	SM400A	55	
2	D-STF	PL	121* 10	1144	78.50	10.9	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	FB-W	PL	2233* 9	168	70.65	26.5	26	SM400A		
1	FB-F	PL	250* 10	168	78.50	3.30	3	SM400A		
1	BR-F	PL	230* 10	633	78.50	11.4	11	SM400A		
2	D-FLG	PL	111* 10	2545	78.50	22.2	44	SM400A		
2	FB-F	PL	111* 10	168	78.50	1.46	3	SM400A		
JL1-JL2							524 kg			

APPROACH BRIDGE CROSS GIRDER C17 JL2-JL3										
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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	673* 9	1285	70.65	61.1	61	SM400A		
JL2-JL3							61 kg			

APPROACH BRIDGE CROSS GIRDER C17 JL2-JL3CG										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	1596* 9	1285	70.65	145	145	SM400A		
1	FLG	PL	250* 10	1287	78.50	25.3	25	SM400A		
1	FB-STF	PL	130* 11	1392	86.35	15.6	16	SM400A		
2	FB-STF	PL	110* 9	438	70.65	3.40	7	SM400A		
2	FB-F	PL	111* 10	1285	78.50	11.2	22	SM400A		
JL2-JL3CG							215 kg			

APPROACH BRIDGE CROSS GIRDER C17 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DIA	PL	2690* 9	2727	70.65	415	415	SM400A	80	
1	FB-W	PL	2182* 9	169	70.65	26.1	26	SM400A		
1	FB-W	PL	2231* 9	169	70.65	26.6	27	SM400A		
1	FB-F	PL	250* 10	168	78.50	3.30	3	SM400A		
1	FB-F	PL	250* 16	168	125.6	5.28	5	SM400A		
2	D-STF	PL	121* 16	2690	125.6	40.9	82	SM400A		
2	D-STF	PL	100* 10	1383	78.50	10.9	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	90* 9	765	70.65	4.86	10	SM400A		
2	FB-F	PL	111* 10	169	78.50	1.47	3	SM400A		
2	D-FLG	PL	111* 10	2691	78.50	23.4	47	SM400A		
2	FB-F	PL	111* 10	168	78.50	1.46	3	SM400A		
JL3-JL4							665 kg			

APPROACH BRIDGE CROSS GIRDER C17 JL4-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	677* 9	2935	70.65	119	119	SM400A	85	
JL4-JL5							119 kg			

APPROACH BRIDGE CROSS GIRDER C17 JL4-JL5CG										

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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	1578* 9	2935	70.65	327	327	SM400A		
1	FLG	PL	250* 16	2935	125.6	92.2	92	SM400A		
1	FB-STF	PL	130* 11	1450	86.35	16.3	16	SM400A		
2	FB-STF	PL	120* 10	1261	78.50	11.9	24	SM400A		
2	FB-F	PL	111* 10	2936	78.50	25.6	51	SM400A		
JL4-JL5CG							510 kg			

APPROACH BRIDGE CROSS GIRDER C17 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DIA	PL	2690* 9	2727	70.65	415	415	SM400A	80	
1	FB-W	PL	2231* 9	169	70.65	26.6	27	SM400A		
1	FB-W	PL	2178* 9	169	70.65	26.0	26	SM400A		
1	FB-F	PL	250* 16	168	125.6	5.28	5	SM400A		
1	FB-F	PL	250* 10	168	78.50	3.30	3	SM400A		
2	D-STF	PL	121* 16	2690	125.6	40.9	82	SM400A		
2	D-STF	PL	100* 10	1383	78.50	10.9	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	90* 9	765	70.65	4.86	10	SM400A		
2	FB-F	PL	111* 10	169	78.50	1.47	3	SM400A		
2	D-FLG	PL	111* 10	2691	78.50	23.4	47	SM400A		
2	FB-F	PL	111* 10	169	78.50	1.47	3	SM400A		
JL5-JL6							665 kg			

APPROACH BRIDGE CROSS GIRDER C17 JL6-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	673* 9	1285	70.65	61.1	61	SM400A		
JL6-JL7							61 kg			

APPROACH BRIDGE CROSS GIRDER C17 JL6-JL7CG										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	1426* 9	1285	70.65	129	129	SM400A		
1	FLG	PL	250* 10	1286	78.50	25.2	25	SM400A		
1	FB-STF	PL	130* 11	1384	86.35	15.5	16	SM400A		
1	FB-STF	PL	110* 9	428	70.65	3.33	3	SM400A		
1	FB-STF	PL	110* 9	427	70.65	3.32	3	SM400A		
2	FB-F	PL	111* 10	1286	78.50	11.2	22	SM400A		

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JL6-JL7CG					198 kg					
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APPROACH BRIDGE CROSS GIRDER C17 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DIA	PL	2730* 9	2989	70.65	346	346	SM400A	60	
1	BR-W	PL	788* 9	609	70.65	18.6	19	SM400A	55	
2	D-STF	PL	121* 10	1144	78.50	10.9	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	FB-W	PL	2232* 9	168	70.65	26.5	26	SM400A		
1	FB-F	PL	250* 10	168	78.50	3.30	3	SM400A		
2	FB-F	PL	111* 10	168	78.50	1.46	3	SM400A		
2	D-FLG	PL	111* 10	2545	78.50	22.2	44	SM400A		
1	BR-F	PL	230* 10	633	78.50	11.4	11	SM400A		
JL7-JL8							524 kg			

APPROACH BRIDGE CROSS GIRDER C17 JL8-RR1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	BR-W	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	BR-STF	PL	90* 9	509	70.65	3.24	3	SM400A		
1	BR-F	PL	230* 10	1024	78.50	18.5	18	SM400A		
JL8-RR1							53 kg			
C17							3648 kg			

APPROACH BRIDGE CROSS GIRDER C18 LL1-JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	BR-W	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	BR-STF	PL	90* 9	509	70.65	3.24	3	SM400A		
1	BR-F	PL	230* 10	1024	78.50	18.5	18	SM400A		
LL1-JL1							53 kg			

APPROACH BRIDGE CROSS GIRDER C18 JL1-JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DIA	PL	2730* 9	2989	70.65	346	346	SM400A	60	
1	BR-W	PL	787* 9	606	70.65	18.5	18	SM400A	55	

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2	D-STF	PL	121* 10	1144	78.50	10.9	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	FB-W	PL	2233* 9	166	70.65	26.2	26	SM400A		
1	FB-F	PL	250* 10	166	78.50	3.26	3	SM400A		
1	BR-F	PL	230* 10	627	78.50	11.3	11	SM400A		
2	D-FLG	PL	111* 10	2545	78.50	22.2	44	SM400A		
2	FB-F	PL	111* 10	166	78.50	1.45	3	SM400A		
JL1-JL2								523 kg		

APPROACH BRIDGE CROSS GIRDER C18 JL2-JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	673* 9	1285	70.65	61.1	61	SM400A		
JL2-JL3								61 kg		

APPROACH BRIDGE CROSS GIRDER C18 JL2-JL3CG										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	1596* 9	1285	70.65	145	145	SM400A		
1	FLG	PL	250* 10	1287	78.50	25.3	25	SM400A		
1	FB-STF	PL	130* 11	1392	86.35	15.6	16	SM400A		
2	FB-STF	PL	110* 9	438	70.65	3.40	7	SM400A		
2	FB-F	PL	111* 10	1285	78.50	11.2	22	SM400A		
JL2-JL3CG								215 kg		

APPROACH BRIDGE CROSS GIRDER C18 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DIA	PL	2690* 9	2727	70.65	415	415	SM400A	80	
1	FB-W	PL	2182* 9	169	70.65	26.1	26	SM400A		
1	FB-W	PL	2231* 9	169	70.65	26.6	27	SM400A		
1	FB-F	PL	250* 10	168	78.50	3.30	3	SM400A		
1	FB-F	PL	250* 16	168	125.6	5.28	5	SM400A		
2	D-STF	PL	121* 16	2690	125.6	40.9	82	SM400A		
2	D-STF	PL	100* 10	1383	78.50	10.9	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	90* 9	765	70.65	4.86	10	SM400A		
2	FB-F	PL	111* 10	169	78.50	1.47	3	SM400A		
2	D-FLG	PL	111* 10	2691	78.50	23.4	47	SM400A		

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2	FB-F	PL	111* 10	168	78.50	1.46	3	SM400A		
JL3-JL4							665 kg			

APPROACH BRIDGE CROSS GIRDER C18 JL4-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	677* 9	2935	70.65	119	119	SM400A	85	
JL4-JL5							119 kg			

APPROACH BRIDGE CROSS GIRDER C18 JL4-JL5CG										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	1578* 9	2935	70.65	327	327	SM400A		
1	FLG	PL	250* 16	2935	125.6	92.2	92	SM400A		
1	FB-STF	PL	130* 11	1450	86.35	16.3	16	SM400A		
2	FB-STF	PL	120* 10	1261	78.50	11.9	24	SM400A		
2	FB-F	PL	111* 10	2936	78.50	25.6	51	SM400A		
JL4-JL5CG							510 kg			

APPROACH BRIDGE CROSS GIRDER C18 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DIA	PL	2690* 9	2727	70.65	415	415	SM400A	80	
1	FB-W	PL	2231* 9	169	70.65	26.6	27	SM400A		
1	FB-W	PL	2178* 9	169	70.65	26.0	26	SM400A		
1	FB-F	PL	250* 16	168	125.6	5.28	5	SM400A		
1	FB-F	PL	250* 10	168	78.50	3.30	3	SM400A		
2	D-STF	PL	121* 16	2690	125.6	40.9	82	SM400A		
2	D-STF	PL	100* 10	1383	78.50	10.9	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	90* 9	765	70.65	4.86	10	SM400A		
2	FB-F	PL	111* 10	169	78.50	1.47	3	SM400A		
2	D-FLG	PL	111* 10	2691	78.50	23.4	47	SM400A		
2	FB-F	PL	111* 10	169	78.50	1.47	3	SM400A		
JL5-JL6							665 kg			

APPROACH BRIDGE CROSS GIRDER C18 JL6-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	673* 9	1285	70.65	61.1	61	SM400A		

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JL6-JL7	61 kg
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APPROACH BRIDGE CROSS GIRDER C18 JL6-JL7CG										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	1426* 9	1285	70.65	129	129	SM400A		
1	FLG	PL	250* 10	1286	78.50	25.2	25	SM400A		
1	FB-STF	PL	130* 11	1384	86.35	15.5	16	SM400A		
1	FB-STF	PL	110* 9	428	70.65	3.33	3	SM400A		
1	FB-STF	PL	110* 9	427	70.65	3.32	3	SM400A		
2	FB-F	PL	111* 10	1286	78.50	11.2	22	SM400A		
JL6-JL7CG							198 kg			

APPROACH BRIDGE CROSS GIRDER C18 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DIA	PL	2715* 9	2989	70.65	344	344	SM400A	60	
1	BR-W	PL	787* 9	606	70.65	18.5	18	SM400A	55	
2	D-STF	PL	121* 10	1144	78.50	10.9	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	FB-W	PL	2232* 9	166	70.65	26.2	26	SM400A		
1	FB-F	PL	250* 10	166	78.50	3.26	3	SM400A		
2	FB-F	PL	111* 10	166	78.50	1.45	3	SM400A		
2	D-FLG	PL	111* 10	2545	78.50	22.2	44	SM400A		
1	BR-F	PL	230* 10	627	78.50	11.3	11	SM400A		
JL7-JL8							521 kg			

APPROACH BRIDGE CROSS GIRDER C18 JL8-RR1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	BR-W	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	BR-STF	PL	90* 9	509	70.65	3.24	3	SM400A		
1	BR-F	PL	230* 10	1024	78.50	18.5	18	SM400A		
JL8-RR1							53 kg			
C18							3644 kg			

APPROACH BRIDGE CROSS GIRDER C19 LL1-JL1										
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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	BR-W	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	BR-STF	PL	90* 9	509	70.65	3.24	3	SM400A		
1	BR-F	PL	230* 10	1024	78.50	18.5	18	SM400A		
LL1-JL1							53 kg			

APPROACH BRIDGE CROSS GIRDER C19 JL1-JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DIA	PL	2730* 9	2989	70.65	346	346	SM400A	60	
1	BR-W	PL	788* 9	609	70.65	18.6	19	SM400A	55	
2	D-STF	PL	121* 10	1144	78.50	10.9	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	FB-W	PL	2233* 9	168	70.65	26.5	26	SM400A		
1	FB-F	PL	250* 10	168	78.50	3.30	3	SM400A		
1	BR-F	PL	230* 10	633	78.50	11.4	11	SM400A		
2	D-FLG	PL	111* 10	2545	78.50	22.2	44	SM400A		
2	FB-F	PL	111* 10	168	78.50	1.46	3	SM400A		
JL1-JL2							524 kg			

APPROACH BRIDGE CROSS GIRDER C19 JL2-JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	673* 9	1285	70.65	61.1	61	SM400A		
JL2-JL3							61 kg			

APPROACH BRIDGE CROSS GIRDER C19 JL2-JL3CG										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	1596* 9	1285	70.65	145	145	SM400A		
1	FLG	PL	250* 10	1287	78.50	25.3	25	SM400A		
1	FB-STF	PL	130* 11	1392	86.35	15.6	16	SM400A		
2	FB-STF	PL	110* 9	438	70.65	3.40	7	SM400A		
2	FB-F	PL	111* 10	1285	78.50	11.2	22	SM400A		
JL2-JL3CG							215 kg			

APPROACH BRIDGE CROSS GIRDER C19 JL3-JL4										
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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DIA	PL	2690* 9	2727	70.65	415	415	SM400A	80	
1	FB-W	PL	2182* 9	169	70.65	26.1	26	SM400A		
1	FB-W	PL	2231* 9	169	70.65	26.6	27	SM400A		
1	FB-F	PL	250* 10	168	78.50	3.30	3	SM400A		
1	FB-F	PL	250* 16	168	125.6	5.28	5	SM400A		
2	D-STF	PL	121* 16	2690	125.6	40.9	82	SM400A		
2	D-STF	PL	100* 10	1383	78.50	10.9	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	90* 9	765	70.65	4.86	10	SM400A		
2	FB-F	PL	111* 10	169	78.50	1.47	3	SM400A		
2	D-FLG	PL	111* 10	2691	78.50	23.4	47	SM400A		
2	FB-F	PL	111* 10	167	78.50	1.46	3	SM400A		
JL3-JL4							665 kg			

APPROACH BRIDGE CROSS GIRDER C19 JL4-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	677* 9	2936	70.65	119	119	SM400A	85	
JL4-JL5							119 kg			

APPROACH BRIDGE CROSS GIRDER C19 JL4-JL5CG										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	1578* 9	2936	70.65	327	327	SM400A		
1	FLG	PL	250* 16	2936	125.6	92.2	92	SM400A		
1	FB-STF	PL	130* 11	1450	86.35	16.3	16	SM400A		
1	FB-STF	PL	120* 10	1259	78.50	11.9	12	SM400A		
1	FB-STF	PL	120* 10	1266	78.50	11.9	12	SM400A		
2	FB-F	PL	111* 10	2939	78.50	25.6	51	SM400A		
JL4-JL5CG							510 kg			

APPROACH BRIDGE CROSS GIRDER C19 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DIA	PL	2690* 9	2727	70.65	415	415	SM400A	80	
1	FB-W	PL	2231* 9	169	70.65	26.6	27	SM400A		
1	FB-W	PL	2178* 9	169	70.65	26.0	26	SM400A		
1	FB-F	PL	250* 16	168	125.6	5.28	5	SM400A		
1	FB-F	PL	250* 10	168	78.50	3.30	3	SM400A		

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2	D-STF	PL	121* 16	2690	125.6	40.9	82	SM400A		
2	D-STF	PL	100* 10	1383	78.50	10.9	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	FB-F	PL	111* 10	170	78.50	1.48	1	SM400A		
1	FB-F	PL	111* 10	168	78.50	1.46	1	SM400A		
2	D-FLG	PL	111* 10	2691	78.50	23.4	47	SM400A		
2	FB-F	PL	111* 10	169	78.50	1.47	3	SM400A		
JL5-JL6								664 kg		

APPROACH BRIDGE CROSS GIRDER C19 JL6-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	647* 9	1298	70.65	59.3	59	SM400A		
JL6-JL7								59 kg		

APPROACH BRIDGE CROSS GIRDER C19 JL6-JL7CG										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	1571* 9	1317	70.65	146	146	SM400A		
1	FLG	PL	250* 10	1289	78.50	25.3	25	SM400A		
1	FB-STF	PL	130* 11	1392	86.35	15.6	16	SM400A		
2	FB-STF	PL	110* 9	438	70.65	3.40	7	SM400A		
2	FB-F	PL	111* 10	1285	78.50	11.2	22	SM400A		
JL6-JL7CG								216 kg		

APPROACH BRIDGE CROSS GIRDER C19 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DIA	PL	2730* 9	2989	70.65	346	346	SM400A	60	
1	BR-W	PL	787* 9	609	70.65	18.6	19	SM400A	55	
2	D-STF	PL	121* 10	1144	78.50	10.9	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	FB-W	PL	2232* 9	168	70.65	26.5	26	SM400A		
1	FB-F	PL	250* 10	168	78.50	3.30	3	SM400A		
2	FB-F	PL	111* 10	168	78.50	1.46	3	SM400A		
2	D-FLG	PL	111* 10	2546	78.50	22.2	44	SM400A		
1	BR-F	PL	230* 10	633	78.50	11.4	11	SM400A		

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JL7-JL8	524 kg
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APPROACH BRIDGE CROSS GIRDER C19 JL8-RR1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	BR-W	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	BR-STF	PL	90* 9	509	70.65	3.24	3	SM400A		
1	BR-F	PL	230* 10	1024	78.50	18.5	18	SM400A		
JL8-RR1							53 kg			
C19							3663 kg			

APPROACH BRIDGE CROSS GIRDER C20 LL1-JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	BR-W	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	BR-STF	PL	90* 9	509	70.65	3.24	3	SM400A		
1	BR-F	PL	230* 10	1024	78.50	18.5	18	SM400A		
LL1-JL1							53 kg			

APPROACH BRIDGE CROSS GIRDER C20 JL1-JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DIA	PL	2730* 9	2989	70.65	346	346	SM400A	60	
1	BR-W	PL	788* 9	609	70.65	18.6	19	SM400A	55	
2	D-STF	PL	121* 10	1144	78.50	10.9	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	FB-W	PL	2233* 9	168	70.65	26.5	26	SM400A		
1	FB-F	PL	250* 10	168	78.50	3.30	3	SM400A		
1	BR-F	PL	230* 10	633	78.50	11.4	11	SM400A		
2	D-FLG	PL	111* 10	2545	78.50	22.2	44	SM400A		
2	FB-F	PL	111* 10	168	78.50	1.46	3	SM400A		
JL1-JL2							524 kg			

APPROACH BRIDGE CROSS GIRDER C20 JL2-JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	673* 9	1285	70.65	61.1	61	SM400A		

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JL2-JL3	61 kg
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APPROACH BRIDGE CROSS GIRDER C20 JL2-JL3CG										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	1596* 9	1285	70.65	145	145	SM400A		
1	FLG	PL	250* 10	1287	78.50	25.3	25	SM400A		
1	FB-STF	PL	130* 11	1392	86.35	15.6	16	SM400A		
2	FB-STF	PL	110* 9	438	70.65	3.40	7	SM400A		
2	FB-F	PL	111* 10	1285	78.50	11.2	22	SM400A		
JL2-JL3CG							215 kg			

APPROACH BRIDGE CROSS GIRDER C20 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DIA	PL	2690* 9	2727	70.65	415	415	SM400A	80	
1	FB-W	PL	2182* 9	169	70.65	26.1	26	SM400A		
1	FB-W	PL	2231* 9	169	70.65	26.6	27	SM400A		
1	FB-F	PL	250* 10	168	78.50	3.30	3	SM400A		
1	FB-F	PL	250* 16	168	125.6	5.28	5	SM400A		
2	D-STF	PL	121* 16	2690	125.6	40.9	82	SM400A		
2	D-STF	PL	100* 10	1383	78.50	10.9	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	90* 9	765	70.65	4.86	10	SM400A		
2	FB-F	PL	111* 10	169	78.50	1.47	3	SM400A		
2	D-FLG	PL	111* 10	2691	78.50	23.4	47	SM400A		
2	FB-F	PL	111* 10	167	78.50	1.46	3	SM400A		
JL3-JL4							665 kg			

APPROACH BRIDGE CROSS GIRDER C20 JL4-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	684* 9	3233	70.65	133	133	SM400A	85	
JL4-JL5							133 kg			

APPROACH BRIDGE CROSS GIRDER C20 JL4-JL5CG										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	1578* 9	3233	70.65	360	360	SM400A		
1	FLG	PL	250* 16	3233	125.6	102	102	SM400A		
1	FB-STF	PL	130* 11	1456	86.35	16.3	16	SM400A		

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1	FB-STF	PL	120* 10	1308	78.50	12.3	12	SM400A		
1	FB-STF	PL	120* 10	1511	78.50	14.2	14	SM400A		
2	FB-F	PL	111* 10	3233	78.50	28.2	56	SM400A		
JL4-JL5CG								560 kg		

APPROACH BRIDGE CROSS GIRDER C20 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DIA	PL	2690* 9	2727	70.65	415	415	SM400A	80	
1	FB-W	PL	2231* 9	169	70.65	26.6	27	SM400A		
1	FB-W	PL	2178* 9	169	70.65	26.0	26	SM400A		
1	FB-F	PL	250* 16	168	125.6	5.28	5	SM400A		
1	FB-F	PL	250* 10	168	78.50	3.30	3	SM400A		
2	D-STF	PL	121* 16	2690	125.6	40.9	82	SM400A		
2	D-STF	PL	100* 10	1383	78.50	10.9	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	FB-F	PL	111* 10	170	78.50	1.48	1	SM400A		
1	FB-F	PL	111* 10	168	78.50	1.46	1	SM400A		
2	D-FLG	PL	111* 10	2691	78.50	23.4	47	SM400A		
2	FB-F	PL	111* 10	169	78.50	1.47	3	SM400A		
JL5-JL6								664 kg		

APPROACH BRIDGE CROSS GIRDER C20 JL6-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	647* 9	1298	70.65	59.3	59	SM400A		
JL6-JL7								59 kg		

APPROACH BRIDGE CROSS GIRDER C20 JL6-JL7CG										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	1571* 9	1317	70.65	146	146	SM400A		
1	FLG	PL	250* 10	1289	78.50	25.3	25	SM400A		
1	FB-STF	PL	130* 11	1392	86.35	15.6	16	SM400A		
2	FB-STF	PL	110* 9	438	70.65	3.40	7	SM400A		
2	FB-F	PL	111* 10	1285	78.50	11.2	22	SM400A		
JL6-JL7CG								216 kg		

APPROACH BRIDGE CROSS GIRDER C20 JL7-JL8										
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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DIA	PL	2730* 9	2989	70.65	346	346	SM400A	60	
1	BR-W	PL	787* 9	609	70.65	18.6	19	SM400A	55	
2	D-STF	PL	121* 10	1144	78.50	10.9	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	FB-W	PL	2232* 9	168	70.65	26.5	26	SM400A		
1	FB-F	PL	250* 10	168	78.50	3.30	3	SM400A		
2	FB-F	PL	111* 10	168	78.50	1.46	3	SM400A		
2	D-FLG	PL	111* 10	2546	78.50	22.2	44	SM400A		
1	BR-F	PL	230* 10	633	78.50	11.4	11	SM400A		
JL7-JL8							524 kg			

APPROACH BRIDGE CROSS GIRDER C20 JL8-RR1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	BR-W	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	BR-STF	PL	90* 9	509	70.65	3.24	3	SM400A		
1	BR-F	PL	230* 10	1024	78.50	18.5	18	SM400A		
JL8-RR1							53 kg			
C20							3727 kg			

APPROACH BRIDGE CROSS GIRDER C21 LL1-JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	BR-W	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	BR-STF	PL	90* 9	509	70.65	3.24	3	SM400A		
1	BR-F	PL	230* 10	1024	78.50	18.5	18	SM400A		
LL1-JL1							53 kg			

APPROACH BRIDGE CROSS GIRDER C21 JL1-JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DIA	PL	2730* 9	2989	70.65	346	346	SM400A	60	
1	BR-W	PL	788* 9	609	70.65	18.6	19	SM400A	55	
2	D-STF	PL	121* 10	1144	78.50	10.9	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		

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2	D-STF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	FB-W	PL	2233* 9	168	70.65	26.5	26	SM400A		
1	FB-F	PL	250* 10	168	78.50	3.30	3	SM400A		
1	BR-F	PL	230* 10	633	78.50	11.4	11	SM400A		
2	D-FLG	PL	111* 10	2545	78.50	22.2	44	SM400A		
2	FB-F	PL	111* 10	168	78.50	1.46	3	SM400A		
JL1-JL2							524 kg			

APPROACH BRIDGE CROSS GIRDER C21 JL2-JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	673* 9	1285	70.65	61.1	61	SM400A		
JL2-JL3							61 kg			

APPROACH BRIDGE CROSS GIRDER C21 JL2-JL3CG										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	1596* 9	1285	70.65	145	145	SM400A		
1	FLG	PL	250* 10	1287	78.50	25.3	25	SM400A		
1	FB-STF	PL	130* 11	1392	86.35	15.6	16	SM400A		
2	FB-STF	PL	110* 9	438	70.65	3.40	7	SM400A		
2	FB-F	PL	111* 10	1285	78.50	11.2	22	SM400A		
JL2-JL3CG							215 kg			

APPROACH BRIDGE CROSS GIRDER C21 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DIA	PL	2690* 9	2727	70.65	415	415	SM400A	80	
1	FB-W	PL	2182* 9	169	70.65	26.1	26	SM400A		
1	FB-W	PL	2231* 9	169	70.65	26.6	27	SM400A		
1	FB-F	PL	250* 10	168	78.50	3.30	3	SM400A		
1	FB-F	PL	250* 16	168	125.6	5.28	5	SM400A		
2	D-STF	PL	121* 16	2690	125.6	40.9	82	SM400A		
2	D-STF	PL	100* 10	1383	78.50	10.9	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	90* 9	765	70.65	4.86	10	SM400A		
2	FB-F	PL	111* 10	169	78.50	1.47	3	SM400A		
2	D-FLG	PL	111* 10	2691	78.50	23.4	47	SM400A		
2	FB-F	PL	111* 10	167	78.50	1.46	3	SM400A		
JL3-JL4							665 kg			

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APPROACH BRIDGE CROSS GIRDER C21 JL4-JL4A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	655* 9	1908	70.65	88.3	88	SM400A		
JL4-JL4A							88 kg			

APPROACH BRIDGE CROSS GIRDER C21 JL4A-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	647* 9	1818	70.65	83.1	83	SM400A		
JL4A-JL5							83 kg			

APPROACH BRIDGE CROSS GIRDER C21 JL4-JL5CG										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	1618* 9	3705	70.65	424	424	SM400A		
1	FLG	PL	250* 16	3705	125.6	116	116	SM400A		
1	FB-STF	PL	130* 11	1458	86.35	16.4	16	SM400A		
1	FB-STF	PL	120* 10	1646	78.50	15.5	16	SM400A		
1	FB-STF	PL	120* 10	1646	78.50	15.5	16	SM400A		
2	FB-F	PL	111* 10	3706	78.50	32.3	65	SM400A		
JL4-JL5CG							653 kg			

APPROACH BRIDGE CROSS GIRDER C21 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DIA	PL	2690* 9	2727	70.65	415	415	SM400A	80	
1	FB-W	PL	2231* 9	169	70.65	26.6	27	SM400A		
1	FB-W	PL	2178* 9	169	70.65	26.0	26	SM400A		
1	FB-F	PL	250* 16	168	125.6	5.28	5	SM400A		
1	FB-F	PL	250* 10	168	78.50	3.30	3	SM400A		
2	D-STF	PL	121* 16	2690	125.6	40.9	82	SM400A		
2	D-STF	PL	100* 10	1383	78.50	10.9	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	FB-F	PL	111* 10	170	78.50	1.48	1	SM400A		
1	FB-F	PL	111* 10	168	78.50	1.46	1	SM400A		
2	D-FLG	PL	111* 10	2691	78.50	23.4	47	SM400A		
2	FB-F	PL	111* 10	169	78.50	1.47	3	SM400A		

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JL5-JL6					664 kg					
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APPROACH BRIDGE CROSS GIRDER C21 JL6-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	647* 9	1298	70.65	59.3	59	SM400A		
JL6-JL7					59 kg					

APPROACH BRIDGE CROSS GIRDER C21 JL6-JL7CG										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	1571* 9	1317	70.65	146	146	SM400A		
1	FLG	PL	250* 10	1289	78.50	25.3	25	SM400A		
1	FB-STF	PL	130* 11	1392	86.35	15.6	16	SM400A		
2	FB-STF	PL	110* 9	438	70.65	3.40	7	SM400A		
2	FB-F	PL	111* 10	1285	78.50	11.2	22	SM400A		
JL6-JL7CG					216 kg					

APPROACH BRIDGE CROSS GIRDER C21 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DIA	PL	2730* 9	2989	70.65	346	346	SM400A	60	
1	BR-W	PL	787* 9	609	70.65	18.6	19	SM400A	55	
2	D-STF	PL	121* 10	1144	78.50	10.9	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	FB-W	PL	2232* 9	168	70.65	26.5	26	SM400A		
1	FB-F	PL	250* 10	168	78.50	3.30	3	SM400A		
2	FB-F	PL	111* 10	168	78.50	1.46	3	SM400A		
2	D-FLG	PL	111* 10	2546	78.50	22.2	44	SM400A		
1	BR-F	PL	230* 10	633	78.50	11.4	11	SM400A		
JL7-JL8					524 kg					

APPROACH BRIDGE CROSS GIRDER C21 JL8-RR1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	BR-W	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	BR-STF	PL	90* 9	509	70.65	3.24	3	SM400A		
1	BR-F	PL	230* 10	1024	78.50	18.5	18	SM400A		

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JL8-RR1	53 kg
C21	3858 kg

APPROACH BRIDGE CROSS GIRDER C22 LL1-JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	BR-W	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	BR-STF	PL	90* 9	509	70.65	3.24	3	SM400A		
1	BR-F	PL	230* 10	1024	78.50	18.5	18	SM400A		
							LL1-JL1	53 kg		

APPROACH BRIDGE CROSS GIRDER C22 JL1-JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DIA	PL	2730* 9	2989	70.65	346	346	SM400A	60	
1	BR-W	PL	788* 9	609	70.65	18.6	19	SM400A	55	
2	D-STF	PL	121* 10	1144	78.50	10.9	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	FB-W	PL	2233* 9	168	70.65	26.5	26	SM400A		
1	FB-F	PL	250* 10	168	78.50	3.30	3	SM400A		
1	BR-F	PL	230* 10	633	78.50	11.4	11	SM400A		
2	D-FLG	PL	111* 10	2545	78.50	22.2	44	SM400A		
2	FB-F	PL	111* 10	168	78.50	1.46	3	SM400A		
							JL1-JL2	524 kg		

APPROACH BRIDGE CROSS GIRDER C22 JL2-JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	673* 9	1285	70.65	61.1	61	SM400A		
							JL2-JL3	61 kg		

APPROACH BRIDGE CROSS GIRDER C22 JL2-JL3CG										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	1596* 9	1285	70.65	145	145	SM400A		
1	FLG	PL	250* 10	1287	78.50	25.3	25	SM400A		
1	FB-STF	PL	130* 11	1392	86.35	15.6	16	SM400A		
2	FB-STF	PL	110* 9	438	70.65	3.40	7	SM400A		

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2	FB-F	PL	111* 10	1285	78.50	11.2	22	SM400A			
JL2-JL3CG							215 kg				

APPROACH BRIDGE CROSS GIRDER C22 JL3-JL4											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	DIA	PL	2690* 9	2727	70.65	415	415	SM400A	80		
1	FB-W	PL	2182* 9	169	70.65	26.1	26	SM400A			
1	FB-W	PL	2231* 9	169	70.65	26.6	27	SM400A			
1	FB-F	PL	250* 10	168	78.50	3.30	3	SM400A			
1	FB-F	PL	250* 16	168	125.6	5.28	5	SM400A			
2	D-STF	PL	121* 16	2690	125.6	40.9	82	SM400A			
2	D-STF	PL	100* 10	1383	78.50	10.9	22	SM400A			
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A			
2	D-STF	PL	90* 9	765	70.65	4.86	10	SM400A			
2	FB-F	PL	111* 10	169	78.50	1.47	3	SM400A			
2	D-FLG	PL	111* 10	2691	78.50	23.4	47	SM400A			
2	FB-F	PL	111* 10	167	78.50	1.46	3	SM400A			
JL3-JL4							665 kg				

APPROACH BRIDGE CROSS GIRDER C22 JL4-JL4A											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	WEB	PL	655* 9	2136	70.65	98.8	99	SM400A			
JL4-JL4A							99 kg				

APPROACH BRIDGE CROSS GIRDER C22 JL4A-JL5											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	WEB	PL	647* 9	2063	70.65	94.3	94	SM400A			
JL4A-JL5							94 kg				

APPROACH BRIDGE CROSS GIRDER C22 JL4-JL5CG										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	1623* 9	4178	70.65	479	479	SM400A		
1	FLG	PL	250* 16	4178	125.6	131	131	SM400A		
1	FB-STF	PL	130* 11	1462	86.35	16.4	16	SM400A		
1	FB-STF	PL	120* 10	1882	78.50	17.7	18	SM400A		
1	FB-STF	PL	120* 10	1882	78.50	17.7	18	SM400A		

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2	FB-F	PL	111* 10	4179	78.50	36.4	73	SM400A		
JL4-JL5CG							735 kg			

APPROACH BRIDGE CROSS GIRDER C22 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DIA	PL	2690* 9	2727	70.65	415	415	SM400A	80	
1	FB-W	PL	2231* 9	169	70.65	26.6	27	SM400A		
1	FB-W	PL	2178* 9	169	70.65	26.0	26	SM400A		
1	FB-F	PL	250* 16	168	125.6	5.28	5	SM400A		
1	FB-F	PL	250* 10	168	78.50	3.30	3	SM400A		
2	D-STF	PL	121* 16	2690	125.6	40.9	82	SM400A		
2	D-STF	PL	100* 10	1383	78.50	10.9	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	FB-F	PL	111* 10	170	78.50	1.48	1	SM400A		
1	FB-F	PL	111* 10	168	78.50	1.46	1	SM400A		
2	D-FLG	PL	111* 10	2691	78.50	23.4	47	SM400A		
2	FB-F	PL	111* 10	169	78.50	1.47	3	SM400A		
JL5-JL6							664 kg			

APPROACH BRIDGE CROSS GIRDER C22 JL6-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	647* 9	1298	70.65	59.3	59	SM400A		
JL6-JL7							59 kg			

APPROACH BRIDGE CROSS GIRDER C22 JL6-JL7CG										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	1571* 9	1317	70.65	146	146	SM400A		
1	FLG	PL	250* 10	1289	78.50	25.3	25	SM400A		
1	FB-STF	PL	130* 11	1392	86.35	15.6	16	SM400A		
2	FB-STF	PL	110* 9	438	70.65	3.40	7	SM400A		
2	FB-F	PL	111* 10	1285	78.50	11.2	22	SM400A		
JL6-JL7CG							216 kg			

APPROACH BRIDGE CROSS GIRDER C22 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks

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1	DIA	PL	2730* 9	2989	70.65	346	346	SM400A	60	
1	BR-W	PL	787* 9	609	70.65	18.6	19	SM400A	55	
2	D-STF	PL	121* 10	1144	78.50	10.9	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	FB-W	PL	168* 9	2232	70.65	26.5	26	SM400A		
1	FB-F	PL	250* 10	168	78.50	3.30	3	SM400A		
2	FB-F	PL	111* 10	168	78.50	1.46	3	SM400A		
2	D-FLG	PL	111* 10	2546	78.50	22.2	44	SM400A		
1	BR-F	PL	230* 10	632	78.50	11.4	11	SM400A		
JL7-JL8							524 kg			

APPROACH BRIDGE CROSS GIRDER C22 JL8-RR1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	BR-W	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	BR-STF	PL	90* 9	509	70.65	3.24	3	SM400A		
1	BR-F	PL	230* 10	1024	78.50	18.5	18	SM400A		
JL8-RR1							53 kg			
C22							3962 kg			

APPROACH BRIDGE CROSS GIRDER C23 LL1-JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	BR-W	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	BR-STF	PL	90* 9	509	70.65	3.24	3	SM400A		
1	BR-F	PL	230* 10	1024	78.50	18.5	18	SM400A		
LL1-JL1							53 kg			

APPROACH BRIDGE CROSS GIRDER C23 JL1-JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DIA	PL	2730* 9	2989	70.65	346	346	SM400A	60	
1	BR-W	PL	788* 9	609	70.65	18.6	19	SM400A	55	
2	D-STF	PL	121* 10	1144	78.50	10.9	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	FB-W	PL	2233* 9	168	70.65	26.5	26	SM400A		

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1	FB-F	PL	250* 10	168	78.50	3.30	3	SM400A		
1	BR-F	PL	230* 10	633	78.50	11.4	11	SM400A		
2	D-FLG	PL	111* 10	2545	78.50	22.2	44	SM400A		
2	FB-F	PL	111* 10	168	78.50	1.46	3	SM400A		
							524 kg			
JL1-JL2										

APPROACH BRIDGE CROSS GIRDER C23 JL2-JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	673* 9	1285	70.65	61.1	61	SM400A		
							61 kg			
JL2-JL3										

APPROACH BRIDGE CROSS GIRDER C23 JL2-JL3CG										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	1596* 9	1285	70.65	145	145	SM400A		
1	FLG	PL	250* 10	1287	78.50	25.3	25	SM400A		
1	FB-STF	PL	130* 11	1392	86.35	15.6	16	SM400A		
2	FB-STF	PL	110* 9	438	70.65	3.40	7	SM400A		
2	FB-F	PL	111* 10	1285	78.50	11.2	22	SM400A		
							215 kg			
JL2-JL3CG										

APPROACH BRIDGE CROSS GIRDER C23 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DIA	PL	2690* 9	2727	70.65	415	415	SM400A	80	
1	FB-W	PL	2182* 9	169	70.65	26.1	26	SM400A		
1	FB-W	PL	2231* 9	169	70.65	26.6	27	SM400A		
1	FB-F	PL	250* 10	168	78.50	3.30	3	SM400A		
1	FB-F	PL	250* 16	168	125.6	5.28	5	SM400A		
2	D-STF	PL	121* 16	2690	125.6	40.9	82	SM400A		
2	D-STF	PL	100* 10	1383	78.50	10.9	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	90* 9	765	70.65	4.86	10	SM400A		
2	FB-F	PL	111* 10	169	78.50	1.47	3	SM400A		
2	D-FLG	PL	111* 10	2691	78.50	23.4	47	SM400A		
2	FB-F	PL	111* 10	167	78.50	1.46	3	SM400A		
							665 kg			
JL3-JL4										

APPROACH BRIDGE CROSS GIRDER C23 JL4-JL4A										
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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	655* 9	2408	70.65	111	111	SM400A		
JL4-JL4A							111 kg			

APPROACH BRIDGE CROSS GIRDER C23 JL4A-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	647* 9	2266	70.65	104	104	SM400A		
JL4A-JL5							104 kg			

APPROACH BRIDGE CROSS GIRDER C23 JL4-JL5CG										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	1632* 9	4650	70.65	536	536	SM400A		
1	FLG	PL	250* 16	4650	125.6	146	146	SM400A		
1	FB-STF	PL	130* 11	1467	86.35	16.5	16	SM400A		
1	FB-STF	PL	120* 10	2119	78.50	20.0	20	SM400A		
1	FB-STF	PL	120* 10	2119	78.50	20.0	20	SM400A		
2	FB-F	PL	111* 10	4651	78.50	40.5	81	SM400A		
JL4-JL5CG							819 kg			

APPROACH BRIDGE CROSS GIRDER C23 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DIA	PL	2690* 9	2727	70.65	415	415	SM400A	80	
1	FB-W	PL	2231* 9	169	70.65	26.6	27	SM400A		
1	FB-W	PL	2178* 9	169	70.65	26.0	26	SM400A		
1	FB-F	PL	250* 16	168	125.6	5.28	5	SM400A		
1	FB-F	PL	250* 10	168	78.50	3.30	3	SM400A		
2	D-STF	PL	121* 16	2690	125.6	40.9	82	SM400A		
2	D-STF	PL	100* 10	1383	78.50	10.9	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	FB-F	PL	111* 10	170	78.50	1.48	1	SM400A		
1	FB-F	PL	111* 10	168	78.50	1.46	1	SM400A		
2	D-FLG	PL	111* 10	2691	78.50	23.4	47	SM400A		
2	FB-F	PL	111* 10	169	78.50	1.47	3	SM400A		
JL5-JL6							664 kg			

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APPROACH BRIDGE CROSS GIRDER C23 JL6-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	647* 9	1298	70.65	59.3	59	SM400A		
							59 kg			
JL6-JL7										

APPROACH BRIDGE CROSS GIRDER C23 JL6-JL7CG										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	1571* 9	1317	70.65	146	146	SM400A		
1	FLG	PL	250* 10	1289	78.50	25.3	25	SM400A		
1	FB-STF	PL	130* 11	1392	86.35	15.6	16	SM400A		
2	FB-STF	PL	110* 9	438	70.65	3.40	7	SM400A		
2	FB-F	PL	111* 10	1285	78.50	11.2	22	SM400A		
							216 kg			
JL6-JL7CG										

APPROACH BRIDGE CROSS GIRDER C23 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DIA	PL	2730* 9	2989	70.65	346	346	SM400A	60	
1	BR-W	PL	787* 9	609	70.65	18.6	19	SM400A	55	
2	D-STF	PL	121* 10	1144	78.50	10.9	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	FB-W	PL	168* 9	2232	70.65	26.5	26	SM400A		
1	FB-F	PL	250* 10	168	78.50	3.30	3	SM400A		
2	FB-F	PL	111* 10	168	78.50	1.46	3	SM400A		
2	D-FLG	PL	111* 10	2546	78.50	22.2	44	SM400A		
1	BR-F	PL	230* 10	632	78.50	11.4	11	SM400A		
							524 kg			
JL7-JL8										

APPROACH BRIDGE CROSS GIRDER C23 JL8-RR1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	BR-W	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	BR-STF	PL	90* 9	509	70.65	3.24	3	SM400A		
1	BR-F	PL	230* 10	1024	78.50	18.5	18	SM400A		
							53 kg			
JL8-RR1										

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C23	4068 kg
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APPROACH BRIDGE CROSS GIRDER C24 LL1-JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	BR-W	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	BR-STF	PL	90* 9	509	70.65	3.24	3	SM400A		
1	BR-F	PL	230* 10	1021	78.50	18.4	18	SM400A		
LL1-JL1							53 kg			

APPROACH BRIDGE CROSS GIRDER C24 JL1-JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DIA	PL	2730* 9	2989	70.65	346	346	SM400A	60	
1	BR-W	PL	788* 9	609	70.65	18.6	19	SM400A	55	
2	D-STF	PL	121* 10	1144	78.50	10.9	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	FB-W	PL	2233* 9	168	70.65	26.5	26	SM400A		
1	FB-F	PL	250* 10	168	78.50	3.30	3	SM400A		
1	BR-F	PL	230* 10	633	78.50	11.4	11	SM400A		
2	D-FLG	PL	111* 10	2545	78.50	22.2	44	SM400A		
2	FB-F	PL	111* 10	168	78.50	1.46	3	SM400A		
JL1-JL2							524 kg			

APPROACH BRIDGE CROSS GIRDER C24 JL2-JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	673* 9	1285	70.65	61.1	61	SM400A		
JL2-JL3							61 kg			

APPROACH BRIDGE CROSS GIRDER C24 JL2-JL3CG										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	1596* 9	1285	70.65	145	145	SM400A		
1	FLG	PL	250* 10	1287	78.50	25.3	25	SM400A		
1	FB-STF	PL	130* 11	1392	86.35	15.6	16	SM400A		
2	FB-STF	PL	110* 9	438	70.65	3.40	7	SM400A		
2	FB-F	PL	111* 10	1285	78.50	11.2	22	SM400A		

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JL2-JL3CG	215 kg
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APPROACH BRIDGE CROSS GIRDER C24 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DIA	PL	2690* 9	2727	70.65	415	415	SM400A	80	
1	FB-W	PL	2182* 9	169	70.65	26.1	26	SM400A		
1	FB-W	PL	2231* 9	169	70.65	26.6	27	SM400A		
1	FB-F	PL	250* 10	168	78.50	3.30	3	SM400A		
1	FB-F	PL	250* 16	168	125.6	5.28	5	SM400A		
2	D-STF	PL	121* 16	2690	125.6	40.9	82	SM400A		
2	D-STF	PL	100* 10	1383	78.50	10.9	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	90* 9	765	70.65	4.86	10	SM400A		
2	FB-F	PL	111* 10	169	78.50	1.47	3	SM400A		
2	D-FLG	PL	111* 10	2691	78.50	23.4	47	SM400A		
2	FB-F	PL	111* 10	167	78.50	1.46	3	SM400A		
JL3-JL4							665 kg			

APPROACH BRIDGE CROSS GIRDER C24 JL4-JL4A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	655* 9	2703	70.65	125	125	SM400A		
JL4-JL4A							125 kg			

APPROACH BRIDGE CROSS GIRDER C24 JL4A-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	647* 9	2399	70.65	110	110	SM400A		
JL4A-JL5							110 kg			

APPROACH BRIDGE CROSS GIRDER C24 JL4-JL5CG										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	1630* 9	5081	70.65	585	585	SM400A		
1	FLG	PL	250* 16	5081	125.6	160	160	SM400A		
1	FB-STF	PL	130* 11	1472	86.35	16.5	16	SM400A		
1	FB-STF	PL	120* 10	2334	78.50	22.0	22	SM400A		
1	FB-STF	PL	120* 10	2334	78.50	22.0	22	SM400A		
2	FB-F	PL	111* 10	5082	78.50	44.3	89	SM400A		

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JL4-JL5CG	894 kg
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APPROACH BRIDGE CROSS GIRDER C24 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DIA	PL	2690* 9	2727	70.65	415	415	SM400A	80	
1	FB-W	PL	2231* 9	169	70.65	26.6	27	SM400A		
1	FB-W	PL	2178* 9	169	70.65	26.0	26	SM400A		
1	FB-F	PL	250* 16	168	125.6	5.28	5	SM400A		
1	FB-F	PL	250* 10	168	78.50	3.30	3	SM400A		
2	D-STF	PL	121* 16	2690	125.6	40.9	82	SM400A		
2	D-STF	PL	100* 10	1383	78.50	10.9	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	FB-F	PL	111* 10	170	78.50	1.48	1	SM400A		
1	FB-F	PL	111* 10	168	78.50	1.46	1	SM400A		
2	D-FLG	PL	111* 10	2691	78.50	23.4	47	SM400A		
2	FB-F	PL	111* 10	169	78.50	1.47	3	SM400A		
JL5-JL6						664 kg				

APPROACH BRIDGE CROSS GIRDER C24 JL6-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	647* 9	1298	70.65	59.3	59	SM400A		
JL6-JL7						59 kg				

APPROACH BRIDGE CROSS GIRDER C24 JL6-JL7CG										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	WEB	PL	1571* 9	1317	70.65	146	146	SM400A		
1	FLG	PL	250* 10	1289	78.50	25.3	25	SM400A		
1	FB-STF	PL	130* 11	1392	86.35	15.6	16	SM400A		
2	FB-STF	PL	110* 9	438	70.65	3.40	7	SM400A		
2	FB-F	PL	111* 10	1285	78.50	11.2	22	SM400A		
JL6-JL7CG						216 kg				

APPROACH BRIDGE CROSS GIRDER C24 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	DIA	PL	2730* 9	2989	70.65	346	346	SM400A	60	
1	BR-W	PL	787* 9	609	70.65	18.6	19	SM400A	55	

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2	D-STF	PL	121* 10	1144	78.50	10.9	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	FB-W	PL	168* 9	2232	70.65	26.5	26	SM400A		
1	FB-F	PL	250* 10	168	78.50	3.30	3	SM400A		
2	FB-F	PL	111* 10	168	78.50	1.46	3	SM400A		
2	D-FLG	PL	111* 10	2546	78.50	22.2	44	SM400A		
1	BR-F	PL	230* 10	632	78.50	11.4	11	SM400A		
JL7-JL8								524 kg		

APPROACH BRIDGE CROSS GIRDER C24 JL8-RR1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	BR-W	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	BR-STF	PL	90* 9	509	70.65	3.24	3	SM400A		
1	BR-F	PL	230* 10	1021	78.50	18.4	18	SM400A		
JL8-RR1								53 kg		
C24								4163 kg		
CROSS GIRDER								102095 kg		
APPROACH BRIDGE								102095 kg		

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APPROACH BRIDGE CROSS GIRDER SPLICE C1 JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	556	70.65	11.7	23	SS400		BR-W
21		TCB	M 22* 65			0.508	11	S10T		BR-W
2	SPL	PL	80* 9	297	70.65	1.68	3	SS400		BR-F
1	SPL	PL	220* 9	297	70.65	4.62	5	SS400		BR-F
8		TCB	M 22* 65			0.508	4	S10T		BR-F
							JL1	46 kg		

APPROACH BRIDGE CROSS GIRDER SPLICE C1 JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	685	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	297* 9	1305	70.65	27.4	55	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG
2	SPL	PL	100* 9	297	70.65	2.10	4	SS400		FLG
8		TCB	M 22* 65			0.508	4	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
							JL2	145 kg		

APPROACH BRIDGE CROSS GIRDER SPLICE C1 HL1HS										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	180* 9	953	70.65	12.1	24	SS400		WEB
20		TCB	M 22* 65			0.508	10	S10T		WEB
							HL1HS	34 kg		

APPROACH BRIDGE CROSS GIRDER SPLICE C1 JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	685	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	297* 9	1305	70.65	27.4	55	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG
2	SPL	PL	100* 9	297	70.65	2.10	4	SS400		FLG
8		TCB	M 22* 65			0.508	4	S10T		FLG

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4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
JL3							145 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C1 JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	686	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	297* 9	1304	70.65	27.4	55	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG
2	SPL	PL	100* 11	297	86.35	2.56	5	SS400		FLG
8		TCB	M 22* 75			0.538	4	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
JL4							146 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C1 HL2HS										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	180* 9	2603	70.65	33.1	66	SS400		WEB
50		TCB	M 22* 65			0.508	25	S10T		WEB
HL2HS							91 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C1 JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	686	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	297* 9	1304	70.65	27.4	55	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG
2	SPL	PL	100* 11	297	86.35	2.56	5	SS400		FLG
8		TCB	M 22* 75			0.538	4	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
JL5							146 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C1 JL6										
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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	686	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	297* 9	1251	70.65	26.2	52	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	270* 9	297	70.65	5.67	6	SS400		FLG
2	SPL	PL	105* 12	297	94.20	2.94	6	SS400		FLG
12		TCB	M 22* 75			0.538	6	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
JL6							147 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C1 JL6A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	686	70.65	14.4	29	SS400		WEB
24		TCB	M 22* 65			0.508	12	S10T		WEB
JL6A							41 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C1 JL6B										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	686	70.65	14.4	29	SS400		WEB
24		TCB	M 22* 65			0.508	12	S10T		WEB
JL6B							41 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C1 JL6C										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	686	70.65	14.4	29	SS400		WEB
24		TCB	M 22* 65			0.508	12	S10T		WEB
JL6C							41 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C1 HL3HS										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	180* 9	1597	70.65	20.3	41	SS400		WEB
30		TCB	M 22* 65			0.508	15	S10T		WEB
2	SPL	PL	180* 9	1587	70.65	20.2	40	SS400		WEB

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32		TCB	M 22* 65			0.508	16	S10T		WEB
2	SPL	PL	180* 9	1587	70.65	20.2	40	SS400		WEB
32		TCB	M 22* 65			0.508	16	S10T		WEB
2	SPL	PL	180* 9	1298	70.65	16.5	33	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
HL3HS										
214 kg										

APPROACH BRIDGE CROSS GIRDER SPLICE C1 JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	685	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	297* 9	1304	70.65	27.4	55	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	270* 9	297	70.65	5.67	6	SS400		FLG
2	SPL	PL	105* 12	297	94.20	2.94	6	SS400		FLG
12		TCB	M 22* 75			0.538	6	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
JL7										
150 kg										

APPROACH BRIDGE CROSS GIRDER SPLICE C1 JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	556	70.65	11.7	23	SS400		BR-W
21		TCB	M 22* 65			0.508	11	S10T		BR-W
2	SPL	PL	80* 9	297	70.65	1.68	3	SS400		BR-F
1	SPL	PL	220* 9	297	70.65	4.62	5	SS400		BR-F
8		TCB	M 22* 65			0.508	4	S10T		BR-F
JL8										
46 kg										
C1										
1433 kg										

APPROACH BRIDGE CROSS GIRDER SPLICE C2 JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	556	70.65	11.7	23	SS400		BR-W
21		TCB	M 22* 65			0.508	11	S10T		BR-W
2	SPL	PL	80* 9	297	70.65	1.68	3	SS400		BR-F
1	SPL	PL	220* 9	297	70.65	4.62	5	SS400		BR-F
8		TCB	M 22* 65			0.508	4	S10T		BR-F

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JL1	46 kg
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APPROACH BRIDGE CROSS GIRDER SPLICE C2 JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	685	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	297* 9	1305	70.65	27.4	55	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG
2	SPL	PL	100* 9	297	70.65	2.10	4	SS400		FLG
8		TCB	M 22* 65			0.508	4	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
JL2							145 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C2 HL1HS										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	180* 9	953	70.65	12.1	24	SS400		WEB
20		TCB	M 22* 65			0.508	10	S10T		WEB
HL1HS							34 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C2 JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	685	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	297* 9	1305	70.65	27.4	55	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG
2	SPL	PL	100* 9	297	70.65	2.10	4	SS400		FLG
8		TCB	M 22* 65			0.508	4	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
JL3							145 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C2 JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks

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2	SPL	PL	297* 9	686	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	297* 9	1304	70.65	27.4	55	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG
2	SPL	PL	100* 11	297	86.35	2.56	5	SS400		FLG
8		TCB	M 22* 75			0.538	4	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
JL4										146 kg

APPROACH BRIDGE CROSS GIRDER SPLICE C2 HL2HS										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	180* 9	2603	70.65	33.1	66	SS400		WEB
50		TCB	M 22* 65			0.508	25	S10T		WEB
HL2HS										91 kg

APPROACH BRIDGE CROSS GIRDER SPLICE C2 JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	686	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	297* 9	1304	70.65	27.4	55	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG
2	SPL	PL	100* 11	297	86.35	2.56	5	SS400		FLG
8		TCB	M 22* 75			0.538	4	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
JL5										146 kg

APPROACH BRIDGE CROSS GIRDER SPLICE C2 JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	686	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	297* 9	1251	70.65	26.2	52	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	270* 9	297	70.65	5.67	6	SS400		FLG
2	SPL	PL	105* 12	297	94.20	2.94	6	SS400		FLG

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12		TCB	M 22* 75			0.538	6	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
JL6										
147 kg										

APPROACH BRIDGE CROSS GIRDER SPLICE C2 JL6A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	686	70.65	14.4	29	SS400		WEB
24		TCB	M 22* 65			0.508	12	S10T		WEB
JL6A										
41 kg										

APPROACH BRIDGE CROSS GIRDER SPLICE C2 JL6B										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	686	70.65	14.4	29	SS400		WEB
24		TCB	M 22* 65			0.508	12	S10T		WEB
JL6B										
41 kg										

APPROACH BRIDGE CROSS GIRDER SPLICE C2 HL3HS										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	180* 9	1597	70.65	20.3	41	SS400		WEB
30		TCB	M 22* 65			0.508	15	S10T		WEB
2	SPL	PL	180* 9	1587	70.65	20.2	40	SS400		WEB
32		TCB	M 22* 65			0.508	16	S10T		WEB
2	SPL	PL	180* 9	2739	70.65	34.8	70	SS400		WEB
54		TCB	M 22* 65			0.508	27	S10T		WEB
HL3HS										
209 kg										

APPROACH BRIDGE CROSS GIRDER SPLICE C2 JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	685	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	297* 9	1304	70.65	27.4	55	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	270* 9	297	70.65	5.67	6	SS400		FLG
2	SPL	PL	105* 12	297	94.20	2.94	6	SS400		FLG
12		TCB	M 22* 75			0.538	6	S10T		FLG

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4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F	
8		TCB	M 22* 65			0.508	4	S10T		FB-F	
							JL7				
							150 kg				

APPROACH BRIDGE CROSS GIRDER SPLICE C2 JL8											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	SPL	PL	297* 9	556	70.65	11.7	23	SS400		BR-W	
21		TCB	M 22* 65			0.508	11	S10T		BR-W	
2	SPL	PL	80* 9	297	70.65	1.68	3	SS400		BR-F	
1	SPL	PL	220* 9	297	70.65	4.62	5	SS400		BR-F	
8		TCB	M 22* 65			0.508	4	S10T		BR-F	
							JL8				
							46 kg				
							C2				
							1387 kg				

APPROACH BRIDGE CROSS GIRDER SPLICE C3 JL1											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	SPL	PL	297* 9	556	70.65	11.7	23	SS400		BR-W	
21		TCB	M 22* 65			0.508	11	S10T		BR-W	
2	SPL	PL	80* 9	297	70.65	1.68	3	SS400		BR-F	
1	SPL	PL	220* 9	297	70.65	4.62	5	SS400		BR-F	
8		TCB	M 22* 65			0.508	4	S10T		BR-F	
							JL1				
							46 kg				

APPROACH BRIDGE CROSS GIRDER SPLICE C3 JL2											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	SPL	PL	297* 9	685	70.65	14.4	29	SS400		WEB	
26		TCB	M 22* 65			0.508	13	S10T		WEB	
2	SPL	PL	297* 9	1305	70.65	27.4	55	SS400		WEB	
48		TCB	M 22* 65			0.508	24	S10T		WEB	
1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG	
2	SPL	PL	100* 9	297	70.65	2.10	4	SS400		FLG	
8		TCB	M 22* 65			0.508	4	S10T		FLG	
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F	
8		TCB	M 22* 65			0.508	4	S10T		FB-F	
							JL2				
							145 kg				

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APPROACH BRIDGE CROSS GIRDER SPLICE C3 HL1HS										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	180* 9	953	70.65	12.1	24	SS400		WEB
20		TCB	M 22* 65			0.508	10	S10T		WEB
							HL1HS 34 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C3 JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	685	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	297* 9	1305	70.65	27.4	55	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG
2	SPL	PL	100* 9	297	70.65	2.10	4	SS400		FLG
8		TCB	M 22* 65			0.508	4	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
							JL3 145 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C3 JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	686	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	297* 9	1304	70.65	27.4	55	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG
2	SPL	PL	100* 11	297	86.35	2.56	5	SS400		FLG
8		TCB	M 22* 75			0.538	4	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
							JL4 146 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C3 HL2HS										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	180* 9	2603	70.65	33.1	66	SS400		WEB
50		TCB	M 22* 65			0.508	25	S10T		WEB

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HL2HS	91 kg
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APPROACH BRIDGE CROSS GIRDER SPLICE C3 JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	686	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	297* 9	1304	70.65	27.4	55	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG
2	SPL	PL	100* 11	297	86.35	2.56	5	SS400		FLG
8		TCB	M 22* 75			0.538	4	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
JL5							146 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C3 JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	686	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	297* 9	1251	70.65	26.2	52	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	270* 9	297	70.65	5.67	6	SS400		FLG
2	SPL	PL	105* 12	297	94.20	2.94	6	SS400		FLG
12		TCB	M 22* 75			0.538	6	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
JL6							147 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C3 JL6A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	686	70.65	14.4	29	SS400		WEB
24		TCB	M 22* 65			0.508	12	S10T		WEB
JL6A							41 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C3 JL6B										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	686	70.65	14.4	29	SS400		WEB

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24		TCB	M 22* 65			0.508	12	S10T		WEB
JL6B						41 kg				

APPROACH BRIDGE CROSS GIRDER SPLICE C3 HL3HS										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	180* 9	1597	70.65	20.3	41	SS400		WEB
30		TCB	M 22* 65			0.508	15	S10T		WEB
2	SPL	PL	180* 9	1587	70.65	20.2	40	SS400		WEB
32		TCB	M 22* 65			0.508	16	S10T		WEB
2	SPL	PL	180* 9	2304	70.65	29.3	59	SS400		WEB
46		TCB	M 22* 65			0.508	23	S10T		WEB
HL3HS						194 kg				

APPROACH BRIDGE CROSS GIRDER SPLICE C3 JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	685	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	297* 9	1304	70.65	27.4	55	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	270* 9	297	70.65	5.67	6	SS400		FLG
2	SPL	PL	105* 12	297	94.20	2.94	6	SS400		FLG
12		TCB	M 22* 75			0.538	6	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
JL7						150 kg				

APPROACH BRIDGE CROSS GIRDER SPLICE C3 JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	556	70.65	11.7	23	SS400		BR-W
21		TCB	M 22* 65			0.508	11	S10T		BR-W
2	SPL	PL	80* 9	297	70.65	1.68	3	SS400		BR-F
1	SPL	PL	220* 9	297	70.65	4.62	5	SS400		BR-F
8		TCB	M 22* 65			0.508	4	S10T		BR-F
JL8						46 kg				
C3						1372 kg				

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APPROACH BRIDGE CROSS GIRDER SPLICE C4 JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	556	70.65	11.7	23	SS400		BR-W
21		TCB	M 22* 65			0.508	11	S10T		BR-W
2	SPL	PL	80* 9	297	70.65	1.68	3	SS400		BR-F
1	SPL	PL	220* 9	297	70.65	4.62	5	SS400		BR-F
8		TCB	M 22* 65			0.508	4	S10T		BR-F
							JL1			
							46 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C4 JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	685	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	297* 9	1305	70.65	27.4	55	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG
2	SPL	PL	100* 9	297	70.65	2.10	4	SS400		FLG
8		TCB	M 22* 65			0.508	4	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
							JL2			
							145 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C4 HL1HS										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	180* 9	953	70.65	12.1	24	SS400		WEB
20		TCB	M 22* 65			0.508	10	S10T		WEB
							HL1HS			
							34 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C4 JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	685	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	297* 9	1305	70.65	27.4	55	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG
2	SPL	PL	100* 9	297	70.65	2.10	4	SS400		FLG
8		TCB	M 22* 65			0.508	4	S10T		FLG

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4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
JL3							145 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C4 JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	686	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	297* 9	1304	70.65	27.4	55	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG
2	SPL	PL	100* 11	297	86.35	2.56	5	SS400		FLG
8		TCB	M 22* 75			0.538	4	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
JL4							146 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C4 HL2HS										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	180* 9	2603	70.65	33.1	66	SS400		WEB
50		TCB	M 22* 65			0.508	25	S10T		WEB
HL2HS							91 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C4 JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	686	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	297* 9	1304	70.65	27.4	55	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG
2	SPL	PL	100* 11	297	86.35	2.56	5	SS400		FLG
8		TCB	M 22* 75			0.538	4	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
JL5							146 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C4 JL6										
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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	686	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	297* 9	1252	70.65	26.3	53	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	270* 9	297	70.65	5.67	6	SS400		FLG
2	SPL	PL	105* 12	297	94.20	2.94	6	SS400		FLG
12		TCB	M 22* 75			0.538	6	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
JL6							148 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C4 JL6A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	686	70.65	14.4	29	SS400		WEB
24		TCB	M 22* 65			0.508	12	S10T		WEB
JL6A							41 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C4 JL6B										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	686	70.65	14.4	29	SS400		WEB
24		TCB	M 22* 65			0.508	12	S10T		WEB
JL6B							41 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C4 HL3HS										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	180* 9	1597	70.65	20.3	41	SS400		WEB
30		TCB	M 22* 65			0.508	15	S10T		WEB
2	SPL	PL	180* 9	1587	70.65	20.2	40	SS400		WEB
32		TCB	M 22* 65			0.508	16	S10T		WEB
2	SPL	PL	180* 9	2304	70.65	29.3	59	SS400		WEB
46		TCB	M 22* 65			0.508	23	S10T		WEB
HL3HS							194 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C4 JL7										

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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	685	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	297* 9	1305	70.65	27.4	55	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	270* 9	297	70.65	5.67	6	SS400		FLG
2	SPL	PL	105* 12	297	94.20	2.94	6	SS400		FLG
12		TCB	M 22* 75			0.538	6	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
JL7							150 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C4 JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	556	70.65	11.7	23	SS400		BR-W
21		TCB	M 22* 65			0.508	11	S10T		BR-W
2	SPL	PL	80* 9	297	70.65	1.68	3	SS400		BR-F
1	SPL	PL	220* 9	297	70.65	4.62	5	SS400		BR-F
8		TCB	M 22* 65			0.508	4	S10T		BR-F
JL8							46 kg			
C4							1373 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C5 JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	556	70.65	11.7	23	SS400		BR-W
21		TCB	M 22* 65			0.508	11	S10T		BR-W
2	SPL	PL	80* 9	297	70.65	1.68	3	SS400		BR-F
1	SPL	PL	220* 9	297	70.65	4.62	5	SS400		BR-F
8		TCB	M 22* 65			0.508	4	S10T		BR-F
JL1							46 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C5 JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	685	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	297* 9	1305	70.65	27.4	55	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB

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1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG
2	SPL	PL	100* 9	297	70.65	2.10	4	SS400		FLG
8		TCB	M 22* 65			0.508	4	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
JL2										145 kg

APPROACH BRIDGE CROSS GIRDER SPLICE C5 HL1HS										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	180* 9	953	70.65	12.1	24	SS400		WEB
20		TCB	M 22* 65			0.508	10	S10T		WEB
HL1HS										34 kg

APPROACH BRIDGE CROSS GIRDER SPLICE C5 JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	685	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	297* 9	1305	70.65	27.4	55	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG
2	SPL	PL	100* 9	297	70.65	2.10	4	SS400		FLG
8		TCB	M 22* 65			0.508	4	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
JL3										145 kg

APPROACH BRIDGE CROSS GIRDER SPLICE C5 JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	686	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	297* 9	1304	70.65	27.4	55	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG
2	SPL	PL	100* 11	297	86.35	2.56	5	SS400		FLG
8		TCB	M 22* 75			0.538	4	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F

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JL4	146 kg
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APPROACH BRIDGE CROSS GIRDER SPLICE C5 HL2HS										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	180* 9	2603	70.65	33.1	66	SS400		WEB
50		TCB	M 22* 65			0.508	25	S10T		WEB
							HL2HS	91 kg		

APPROACH BRIDGE CROSS GIRDER SPLICE C5 JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	686	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	297* 9	1304	70.65	27.4	55	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG
2	SPL	PL	100* 11	297	86.35	2.56	5	SS400		FLG
8		TCB	M 22* 75			0.538	4	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
							JL5	146 kg		

APPROACH BRIDGE CROSS GIRDER SPLICE C5 JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	686	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	297* 9	1252	70.65	26.3	53	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	270* 9	297	70.65	5.67	6	SS400		FLG
2	SPL	PL	105* 12	297	94.20	2.94	6	SS400		FLG
12		TCB	M 22* 75			0.538	6	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
							JL6	148 kg		

APPROACH BRIDGE CROSS GIRDER SPLICE C5 JL6A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	686	70.65	14.4	29	SS400		WEB

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24		TCB	M 22* 65			0.508	12	S10T		WEB	
							JL6A	41 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C5 JL6B											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	SPL	PL	297* 9	686	70.65	14.4	29	SS400		WEB	
24		TCB	M 22* 65			0.508	12	S10T		WEB	
							JL6B	41 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C5 HL3HS											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	SPL	PL	180* 9	1567	70.65	19.9	40	SS400		WEB	
30		TCB	M 22* 65			0.508	15	S10T		WEB	
2	SPL	PL	180* 9	1587	70.65	20.2	40	SS400		WEB	
30		TCB	M 22* 65			0.508	15	S10T		WEB	
2	SPL	PL	180* 9	1568	70.65	19.9	40	SS400		WEB	
30		TCB	M 22* 65			0.508	15	S10T		WEB	
							HL3HS	165 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C5 JL7											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	SPL	PL	297* 9	685	70.65	14.4	29	SS400		WEB	
26		TCB	M 22* 65			0.508	13	S10T		WEB	
2	SPL	PL	297* 9	1305	70.65	27.4	55	SS400		WEB	
48		TCB	M 22* 65			0.508	24	S10T		WEB	
1	SPL	PL	270* 9	297	70.65	5.67	6	SS400		FLG	
2	SPL	PL	105* 12	297	94.20	2.94	6	SS400		FLG	
12		TCB	M 22* 75			0.538	6	S10T		FLG	
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F	
8		TCB	M 22* 65			0.508	4	S10T		FB-F	
							JL7	150 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C5 JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	556	70.65	11.7	23	SS400		BR-W
21		TCB	M 22* 65			0.508	11	S10T		BR-W

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2	SPL	PL	80* 9	297	70.65	1.68	3	SS400		BR-F
1	SPL	PL	220* 9	297	70.65	4.62	5	SS400		BR-F
8		TCB	M 22* 65			0.508	4	S10T		BR-F
JL8							46 kg			
C5										
							1344 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C6 JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	556	70.65	11.7	23	SS400		BR-W
21		TCB	M 22* 65			0.508	11	S10T		BR-W
2	SPL	PL	80* 9	297	70.65	1.68	3	SS400		BR-F
1	SPL	PL	220* 9	297	70.65	4.62	5	SS400		BR-F
8		TCB	M 22* 65			0.508	4	S10T		BR-F
JL1							46 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C6 JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	685	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	297* 9	1305	70.65	27.4	55	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG
2	SPL	PL	100* 9	297	70.65	2.10	4	SS400		FLG
8		TCB	M 22* 65			0.508	4	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
JL2							145 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C6 HL1HS										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	180* 9	953	70.65	12.1	24	SS400		WEB
20		TCB	M 22* 65			0.508	10	S10T		WEB
HL1HS							34 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C6 JL3										

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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	685	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	297* 9	1305	70.65	27.4	55	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG
2	SPL	PL	100* 9	297	70.65	2.10	4	SS400		FLG
8		TCB	M 22* 65			0.508	4	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
JL3							145 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C6 JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	686	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	297* 9	1304	70.65	27.4	55	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG
2	SPL	PL	100* 11	297	86.35	2.56	5	SS400		FLG
8		TCB	M 22* 75			0.538	4	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
JL4							146 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C6 HL2HS										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	180* 9	2603	70.65	33.1	66	SS400		WEB
50		TCB	M 22* 65			0.508	25	S10T		WEB
HL2HS							91 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C6 JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	686	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	297* 9	1304	70.65	27.4	55	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG

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2	SPL	PL	100* 11	297	86.35	2.56	5	SS400		FLG
8		TCB	M 22* 75			0.538	4	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
JL5							146 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C6 JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	686	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	297* 9	1252	70.65	26.3	53	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	270* 9	297	70.65	5.67	6	SS400		FLG
2	SPL	PL	105* 12	297	94.20	2.94	6	SS400		FLG
12		TCB	M 22* 75			0.538	6	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
JL6							148 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C6 JL6A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	686	70.65	14.4	29	SS400		WEB
24		TCB	M 22* 65			0.508	12	S10T		WEB
JL6A							41 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C6 JL6B										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	686	70.65	14.4	29	SS400		WEB
24		TCB	M 22* 65			0.508	12	S10T		WEB
JL6B							41 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C6 HL3HS										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	180* 9	1567	70.65	19.9	40	SS400		WEB
30		TCB	M 22* 65			0.508	15	S10T		WEB
2	SPL	PL	180* 9	1587	70.65	20.2	40	SS400		WEB

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30		TCB	M 22* 65			0.508	15	S10T		WEB
2	SPL	PL	180* 9	1266	70.65	16.1	32	SS400		WEB
24		TCB	M 22* 65			0.508	12	S10T		WEB
HL3HS										154 kg

APPROACH BRIDGE CROSS GIRDER SPLICE C6 JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	685	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	297* 9	1305	70.65	27.4	55	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	270* 9	297	70.65	5.67	6	SS400		FLG
2	SPL	PL	105* 12	297	94.20	2.94	6	SS400		FLG
12		TCB	M 22* 75			0.538	6	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
JL7										150 kg

APPROACH BRIDGE CROSS GIRDER SPLICE C6 JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	556	70.65	11.7	23	SS400		BR-W
21		TCB	M 22* 65			0.508	11	S10T		BR-W
2	SPL	PL	80* 9	297	70.65	1.68	3	SS400		BR-F
1	SPL	PL	220* 9	297	70.65	4.62	5	SS400		BR-F
8		TCB	M 22* 65			0.508	4	S10T		BR-F
JL8										46 kg
C6										1333 kg

APPROACH BRIDGE CROSS GIRDER SPLICE C7 JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	556	70.65	11.7	23	SS400		BR-W
21		TCB	M 22* 65			0.508	11	S10T		BR-W
2	SPL	PL	80* 9	297	70.65	1.68	3	SS400		BR-F
1	SPL	PL	220* 9	297	70.65	4.62	5	SS400		BR-F
8		TCB	M 22* 65			0.508	4	S10T		BR-F
JL1										46 kg

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APPROACH BRIDGE CROSS GIRDER SPLICE C7 JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	685	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	297* 9	1305	70.65	27.4	55	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG
2	SPL	PL	100* 9	297	70.65	2.10	4	SS400		FLG
8		TCB	M 22* 65			0.508	4	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
JL2							145 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C7 HL1HS										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	180* 9	953	70.65	12.1	24	SS400		WEB
20		TCB	M 22* 65			0.508	10	S10T		WEB
HL1HS							34 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C7 JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	685	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	297* 9	1305	70.65	27.4	55	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG
2	SPL	PL	100* 9	297	70.65	2.10	4	SS400		FLG
8		TCB	M 22* 65			0.508	4	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
JL3							145 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C7 JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	686	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB

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2	SPL	PL	297* 9	1304	70.65	27.4	55	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG
2	SPL	PL	100* 11	297	86.35	2.56	5	SS400		FLG
8		TCB	M 22* 75			0.538	4	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
JL4										146 kg

APPROACH BRIDGE CROSS GIRDER SPLICE C7 HL2HS										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	180* 9	2603	70.65	33.1	66	SS400		WEB
50		TCB	M 22* 65			0.508	25	S10T		WEB
HL2HS										91 kg

APPROACH BRIDGE CROSS GIRDER SPLICE C7 JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	686	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	297* 9	1304	70.65	27.4	55	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG
2	SPL	PL	100* 11	297	86.35	2.56	5	SS400		FLG
8		TCB	M 22* 75			0.538	4	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
JL5										146 kg

APPROACH BRIDGE CROSS GIRDER SPLICE C7 JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	686	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	297* 9	1252	70.65	26.3	53	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	270* 9	297	70.65	5.67	6	SS400		FLG
2	SPL	PL	105* 12	297	94.20	2.94	6	SS400		FLG
12		TCB	M 22* 75			0.538	6	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F

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8		TCB	M 22* 65			0.508	4	S10T		FB-F
JL6						148 kg				

APPROACH BRIDGE CROSS GIRDER SPLICE C7 JL6A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	686	70.65	14.4	29	SS400		WEB
24		TCB	M 22* 65			0.508	12	S10T		WEB
JL6A						41 kg				

APPROACH BRIDGE CROSS GIRDER SPLICE C7 HL3HS										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	180* 9	1567	70.65	19.9	40	SS400		WEB
30		TCB	M 22* 65			0.508	15	S10T		WEB
2	SPL	PL	180* 9	2552	70.65	32.5	65	SS400		WEB
56		TCB	M 22* 65			0.508	28	S10T		WEB
HL3HS						148 kg				

APPROACH BRIDGE CROSS GIRDER SPLICE C7 JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	685	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	297* 9	1305	70.65	27.4	55	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	270* 9	297	70.65	5.67	6	SS400		FLG
2	SPL	PL	105* 12	297	94.20	2.94	6	SS400		FLG
12		TCB	M 22* 75			0.538	6	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
JL7						150 kg				

APPROACH BRIDGE CROSS GIRDER SPLICE C7 JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	556	70.65	11.7	23	SS400		BR-W
21		TCB	M 22* 65			0.508	11	S10T		BR-W
2	SPL	PL	80* 9	297	70.65	1.68	3	SS400		BR-F
1	SPL	PL	220* 9	297	70.65	4.62	5	SS400		BR-F

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8		TCB	M 22* 65			0.508	4	S10T		BR-F	
							JL8	46 kg			
							C7	1286 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C8 JL1											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	SPL	PL	297* 9	556	70.65	11.7	23	SS400		BR-W	
21		TCB	M 22* 65			0.508	11	S10T		BR-W	
2	SPL	PL	80* 9	297	70.65	1.68	3	SS400		BR-F	
1	SPL	PL	220* 9	297	70.65	4.62	5	SS400		BR-F	
8		TCB	M 22* 65			0.508	4	S10T		BR-F	
							JL1	46 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C8 JL2											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	SPL	PL	297* 9	685	70.65	14.4	29	SS400		WEB	
26		TCB	M 22* 65			0.508	13	S10T		WEB	
2	SPL	PL	297* 9	1305	70.65	27.4	55	SS400		WEB	
48		TCB	M 22* 65			0.508	24	S10T		WEB	
1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG	
2	SPL	PL	100* 9	297	70.65	2.10	4	SS400		FLG	
8		TCB	M 22* 65			0.508	4	S10T		FLG	
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F	
8		TCB	M 22* 65			0.508	4	S10T		FB-F	
							JL2	145 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C8 HL1HS											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	SPL	PL	180* 9	953	70.65	12.1	24	SS400		WEB	
20		TCB	M 22* 65			0.508	10	S10T		WEB	
							HL1HS	34 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C8 JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	685	70.65	14.4	29	SS400		WEB

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26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	297* 9	1305	70.65	27.4	55	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG
2	SPL	PL	100* 9	297	70.65	2.10	4	SS400		FLG
8		TCB	M 22* 65			0.508	4	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
JL3							145 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C8 JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	686	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	297* 9	1304	70.65	27.4	55	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG
2	SPL	PL	100* 11	297	86.35	2.56	5	SS400		FLG
8		TCB	M 22* 75			0.538	4	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
JL4							146 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C8 HL2HS										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	180* 9	2603	70.65	33.1	66	SS400		WEB
50		TCB	M 22* 65			0.508	25	S10T		WEB
HL2HS							91 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C8 JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	686	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	297* 9	1304	70.65	27.4	55	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG
2	SPL	PL	100* 11	297	86.35	2.56	5	SS400		FLG
8		TCB	M 22* 75			0.538	4	S10T		FLG

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4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
JL5							146 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C8 JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	686	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	297* 9	1252	70.65	26.3	53	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	270* 9	297	70.65	5.67	6	SS400		FLG
2	SPL	PL	105* 12	297	94.20	2.94	6	SS400		FLG
12		TCB	M 22* 75			0.538	6	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
JL6							148 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C8 JL6A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	686	70.65	14.4	29	SS400		WEB
24		TCB	M 22* 65			0.508	12	S10T		WEB
JL6A							41 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C8 HL3HS										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	180* 9	1567	70.65	19.9	40	SS400		WEB
30		TCB	M 22* 65			0.508	15	S10T		WEB
2	SPL	PL	180* 9	2552	70.65	32.5	65	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
HL3HS							144 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C8 JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	685	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	297* 9	1305	70.65	27.4	55	SS400		WEB

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48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	270* 9	297	70.65	5.67	6	SS400		FLG
2	SPL	PL	105* 12	297	94.20	2.94	6	SS400		FLG
12		TCB	M 22* 75			0.538	6	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
JL7										
150 kg										

APPROACH BRIDGE CROSS GIRDER SPLICE C8 JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	556	70.65	11.7	23	SS400		BR-W
21		TCB	M 22* 65			0.508	11	S10T		BR-W
2	SPL	PL	80* 9	297	70.65	1.68	3	SS400		BR-F
1	SPL	PL	220* 9	297	70.65	4.62	5	SS400		BR-F
8		TCB	M 22* 65			0.508	4	S10T		BR-F
JL8										
46 kg										
C8										
1282 kg										

APPROACH BRIDGE CROSS GIRDER SPLICE C9 JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	556	70.65	11.7	23	SS400		BR-W
21		TCB	M 22* 65			0.508	11	S10T		BR-W
2	SPL	PL	80* 9	297	70.65	1.68	3	SS400		BR-F
1	SPL	PL	220* 9	297	70.65	4.62	5	SS400		BR-F
8		TCB	M 22* 65			0.508	4	S10T		BR-F
JL1										
46 kg										

APPROACH BRIDGE CROSS GIRDER SPLICE C9 JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	685	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	297* 9	1305	70.65	27.4	55	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG
2	SPL	PL	100* 9	297	70.65	2.10	4	SS400		FLG
8		TCB	M 22* 65			0.508	4	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F

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8		TCB	M 22* 65			0.508	4	S10T		FB-F	
							JL2	145 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C9 HL1HS											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	SPL	PL	180* 9	953	70.65	12.1	24	SS400		WEB	
20		TCB	M 22* 65			0.508	10	S10T		WEB	
							HL1HS	34 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C9 JL3											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	SPL	PL	297* 9	685	70.65	14.4	29	SS400		WEB	
26		TCB	M 22* 65			0.508	13	S10T		WEB	
2	SPL	PL	297* 9	1305	70.65	27.4	55	SS400		WEB	
48		TCB	M 22* 65			0.508	24	S10T		WEB	
1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG	
2	SPL	PL	100* 9	297	70.65	2.10	4	SS400		FLG	
8		TCB	M 22* 65			0.508	4	S10T		FLG	
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F	
8		TCB	M 22* 65			0.508	4	S10T		FB-F	
							JL3	145 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C9 JL4											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	SPL	PL	297* 9	686	70.65	14.4	29	SS400		WEB	
26		TCB	M 22* 65			0.508	13	S10T		WEB	
2	SPL	PL	297* 9	1304	70.65	27.4	55	SS400		WEB	
48		TCB	M 22* 65			0.508	24	S10T		WEB	
1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG	
2	SPL	PL	100* 11	297	86.35	2.56	5	SS400		FLG	
8		TCB	M 22* 75			0.538	4	S10T		FLG	
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F	
8		TCB	M 22* 65			0.508	4	S10T		FB-F	
							JL4	146 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C9 HL2HS										

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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	180* 9	2603	70.65	33.1	66	SS400		WEB
50		TCB	M 22* 65			0.508	25	S10T		WEB
HL2HS							91 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C9 JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	686	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	297* 9	1304	70.65	27.4	55	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG
2	SPL	PL	100* 11	297	86.35	2.56	5	SS400		FLG
8		TCB	M 22* 75			0.538	4	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
JL5							146 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C9 JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	686	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	297* 9	1252	70.65	26.3	53	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	270* 9	297	70.65	5.67	6	SS400		FLG
2	SPL	PL	105* 12	297	94.20	2.94	6	SS400		FLG
12		TCB	M 22* 75			0.538	6	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
JL6							148 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C9 JL6A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	686	70.65	14.4	29	SS400		WEB
24		TCB	M 22* 65			0.508	12	S10T		WEB
JL6A							41 kg			

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APPROACH BRIDGE CROSS GIRDER SPLICE C9 HL3HS										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	180* 9	1567	70.65	19.9	40	SS400		WEB
30		TCB	M 22* 65			0.508	15	S10T		WEB
2	SPL	PL	180* 9	2425	70.65	30.8	62	SS400		WEB
46		TCB	M 22* 65			0.508	23	S10T		WEB
							HL3HS 140 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C9 JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	685	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	297* 9	1305	70.65	27.4	55	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	270* 9	297	70.65	5.67	6	SS400		FLG
2	SPL	PL	105* 12	297	94.20	2.94	6	SS400		FLG
12		TCB	M 22* 75			0.538	6	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
							JL7 150 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C9 JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	556	70.65	11.7	23	SS400		BR-W
21		TCB	M 22* 65			0.508	11	S10T		BR-W
2	SPL	PL	80* 9	297	70.65	1.68	3	SS400		BR-F
1	SPL	PL	220* 9	297	70.65	4.62	5	SS400		BR-F
8		TCB	M 22* 65			0.508	4	S10T		BR-F
							JL8 46 kg			
							C9 1278 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C10 JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	556	70.65	11.7	23	SS400		BR-W
21		TCB	M 22* 65			0.508	11	S10T		BR-W
2	SPL	PL	80* 9	297	70.65	1.68	3	SS400		BR-F

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1	SPL	PL	220* 9	297	70.65	4.62	5	SS400		BR-F
8		TCB	M 22* 65			0.508	4	S10T		BR-F
JL1							46 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C10 JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	685	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	297* 9	1305	70.65	27.4	55	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG
2	SPL	PL	100* 9	297	70.65	2.10	4	SS400		FLG
8		TCB	M 22* 65			0.508	4	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
JL2							145 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C10 HL1HS										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	180* 9	953	70.65	12.1	24	SS400		WEB
20		TCB	M 22* 65			0.508	10	S10T		WEB
HL1HS							34 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C10 JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	685	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	297* 9	1305	70.65	27.4	55	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG
2	SPL	PL	100* 9	297	70.65	2.10	4	SS400		FLG
8		TCB	M 22* 65			0.508	4	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
JL3							145 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C10 JL4										
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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	686	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	297* 9	1304	70.65	27.4	55	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG
2	SPL	PL	100* 11	297	86.35	2.56	5	SS400		FLG
8		TCB	M 22* 75			0.538	4	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
JL4							146 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C10 HL2HS										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	180* 9	2603	70.65	33.1	66	SS400		WEB
50		TCB	M 22* 65			0.508	25	S10T		WEB
HL2HS							91 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C10 JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	686	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	297* 9	1304	70.65	27.4	55	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG
2	SPL	PL	100* 11	297	86.35	2.56	5	SS400		FLG
8		TCB	M 22* 75			0.538	4	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
JL5							146 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C10 JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	686	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	297* 9	1252	70.65	26.3	53	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB

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1	SPL	PL	270* 9	297	70.65	5.67	6	SS400		FLG
2	SPL	PL	105* 12	297	94.20	2.94	6	SS400		FLG
12		TCB	M 22* 75			0.538	6	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
JL6										148 kg

APPROACH BRIDGE CROSS GIRDER SPLICE C10 JL6A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	686	70.65	14.4	29	SS400		WEB
24		TCB	M 22* 65			0.508	12	S10T		WEB
JL6A										41 kg

APPROACH BRIDGE CROSS GIRDER SPLICE C10 HL3HS										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	180* 9	1567	70.65	19.9	40	SS400		WEB
30		TCB	M 22* 65			0.508	15	S10T		WEB
2	SPL	PL	180* 9	2344	70.65	29.8	60	SS400		WEB
44		TCB	M 22* 65			0.508	22	S10T		WEB
HL3HS										137 kg

APPROACH BRIDGE CROSS GIRDER SPLICE C10 JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	685	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	297* 9	1305	70.65	27.4	55	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	270* 9	297	70.65	5.67	6	SS400		FLG
2	SPL	PL	105* 12	297	94.20	2.94	6	SS400		FLG
12		TCB	M 22* 75			0.538	6	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
JL7										150 kg

APPROACH BRIDGE CROSS GIRDER SPLICE C10 JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks

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2	SPL	PL	297* 9	556	70.65	11.7	23	SS400		BR-W
21		TCB	M 22* 65			0.508	11	S10T		BR-W
2	SPL	PL	80* 9	297	70.65	1.68	3	SS400		BR-F
1	SPL	PL	220* 9	297	70.65	4.62	5	SS400		BR-F
8		TCB	M 22* 65			0.508	4	S10T		BR-F
JL8										46 kg
C10										1275 kg

APPROACH BRIDGE CROSS GIRDER SPLICE C11 JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	556	70.65	11.7	23	SS400		BR-W
21		TCB	M 22* 65			0.508	11	S10T		BR-W
2	SPL	PL	80* 9	297	70.65	1.68	3	SS400		BR-F
1	SPL	PL	220* 9	297	70.65	4.62	5	SS400		BR-F
8		TCB	M 22* 65			0.508	4	S10T		BR-F
JL1										46 kg

APPROACH BRIDGE CROSS GIRDER SPLICE C11 JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	685	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	297* 9	1305	70.65	27.4	55	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG
2	SPL	PL	100* 9	297	70.65	2.10	4	SS400		FLG
8		TCB	M 22* 65			0.508	4	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
JL2										145 kg

APPROACH BRIDGE CROSS GIRDER SPLICE C11 HL1HS										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	180* 9	953	70.65	12.1	24	SS400		WEB
20		TCB	M 22* 65			0.508	10	S10T		WEB
HL1HS										34 kg

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APPROACH BRIDGE CROSS GIRDER SPLICE C11 JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	685	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	297* 9	1305	70.65	27.4	55	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG
2	SPL	PL	100* 9	297	70.65	2.10	4	SS400		FLG
8		TCB	M 22* 65			0.508	4	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
JL3							145 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C11 JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	686	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	297* 9	1304	70.65	27.4	55	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG
2	SPL	PL	100* 11	297	86.35	2.56	5	SS400		FLG
8		TCB	M 22* 75			0.538	4	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
JL4							146 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C11 HL2HS										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	180* 9	2603	70.65	33.1	66	SS400		WEB
50		TCB	M 22* 65			0.508	25	S10T		WEB
HL2HS							91 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C11 JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	686	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	297* 9	1304	70.65	27.4	55	SS400		WEB

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48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG
2	SPL	PL	100* 11	297	86.35	2.56	5	SS400		FLG
8		TCB	M 22* 75			0.538	4	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
JL5										
146 kg										

APPROACH BRIDGE CROSS GIRDER SPLICE C11 JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	686	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	297* 9	1252	70.65	26.3	53	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	270* 9	297	70.65	5.67	6	SS400		FLG
2	SPL	PL	105* 12	297	94.20	2.94	6	SS400		FLG
12		TCB	M 22* 75			0.538	6	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
JL6										
148 kg										

APPROACH BRIDGE CROSS GIRDER SPLICE C11 JL6A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	686	70.65	14.4	29	SS400		WEB
24		TCB	M 22* 65			0.508	12	S10T		WEB
JL6A										
41 kg										

APPROACH BRIDGE CROSS GIRDER SPLICE C11 HL3HS										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	180* 9	1567	70.65	19.9	40	SS400		WEB
30		TCB	M 22* 65			0.508	15	S10T		WEB
2	SPL	PL	180* 9	2309	70.65	29.4	59	SS400		WEB
44		TCB	M 22* 65			0.508	22	S10T		WEB
HL3HS										
136 kg										

APPROACH BRIDGE CROSS GIRDER SPLICE C11 JL7										

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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	685	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	297* 9	1305	70.65	27.4	55	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	270* 9	297	70.65	5.67	6	SS400		FLG
2	SPL	PL	105* 12	297	94.20	2.94	6	SS400		FLG
12		TCB	M 22* 75			0.538	6	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
JL7							150 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C11 JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	556	70.65	11.7	23	SS400		BR-W
21		TCB	M 22* 65			0.508	11	S10T		BR-W
2	SPL	PL	80* 9	297	70.65	1.68	3	SS400		BR-F
1	SPL	PL	220* 9	297	70.65	4.62	5	SS400		BR-F
8		TCB	M 22* 65			0.508	4	S10T		BR-F
JL8							46 kg			
C11							1274 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C12 JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	556	70.65	11.7	23	SS400		BR-W
21		TCB	M 22* 65			0.508	11	S10T		BR-W
2	SPL	PL	80* 9	297	70.65	1.68	3	SS400		BR-F
1	SPL	PL	220* 9	297	70.65	4.62	5	SS400		BR-F
8		TCB	M 22* 65			0.508	4	S10T		BR-F
JL1							46 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C12 JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	685	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	297* 9	1305	70.65	27.4	55	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB

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1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG
2	SPL	PL	100* 9	297	70.65	2.10	4	SS400		FLG
8		TCB	M 22* 65			0.508	4	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
JL2										145 kg

APPROACH BRIDGE CROSS GIRDER SPLICE C12 HL1HS										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	180* 9	953	70.65	12.1	24	SS400		WEB
20		TCB	M 22* 65			0.508	10	S10T		WEB
HL1HS										34 kg

APPROACH BRIDGE CROSS GIRDER SPLICE C12 JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	685	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	297* 9	1305	70.65	27.4	55	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG
2	SPL	PL	100* 9	297	70.65	2.10	4	SS400		FLG
8		TCB	M 22* 65			0.508	4	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
JL3										145 kg

APPROACH BRIDGE CROSS GIRDER SPLICE C12 JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	686	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	297* 9	1304	70.65	27.4	55	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG
2	SPL	PL	100* 11	297	86.35	2.56	5	SS400		FLG
8		TCB	M 22* 75			0.538	4	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F

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JL4	146 kg
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APPROACH BRIDGE CROSS GIRDER SPLICE C12 HL2HS										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	180* 9	2603	70.65	33.1	66	SS400		WEB
50		TCB	M 22* 65			0.508	25	S10T		WEB
							HL2HS	91 kg		

APPROACH BRIDGE CROSS GIRDER SPLICE C12 JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	686	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	297* 9	1304	70.65	27.4	55	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG
2	SPL	PL	100* 11	297	86.35	2.56	5	SS400		FLG
8		TCB	M 22* 75			0.538	4	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
							JL5	146 kg		

APPROACH BRIDGE CROSS GIRDER SPLICE C12 JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	686	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	297* 9	1252	70.65	26.3	53	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	270* 9	297	70.65	5.67	6	SS400		FLG
2	SPL	PL	105* 12	297	94.20	2.94	6	SS400		FLG
12		TCB	M 22* 75			0.538	6	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
							JL6	148 kg		

APPROACH BRIDGE CROSS GIRDER SPLICE C12 JL6A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	686	70.65	14.4	29	SS400		WEB

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24		TCB	M 22* 65			0.508	12	S10T		WEB	
							JL6A	41 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C12 HL3HS											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	SPL	PL	180* 9	1567	70.65	19.9	40	SS400		WEB	
30		TCB	M 22* 65			0.508	15	S10T		WEB	
2	SPL	PL	180* 9	2199	70.65	28.0	56	SS400		WEB	
42		TCB	M 22* 65			0.508	21	S10T		WEB	
							HL3HS	132 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C12 JL7											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	SPL	PL	297* 9	685	70.65	14.4	29	SS400		WEB	
26		TCB	M 22* 65			0.508	13	S10T		WEB	
2	SPL	PL	297* 9	1305	70.65	27.4	55	SS400		WEB	
48		TCB	M 22* 65			0.508	24	S10T		WEB	
1	SPL	PL	270* 9	297	70.65	5.67	6	SS400		FLG	
2	SPL	PL	105* 12	297	94.20	2.94	6	SS400		FLG	
12		TCB	M 22* 75			0.538	6	S10T		FLG	
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F	
8		TCB	M 22* 65			0.508	4	S10T		FB-F	
							JL7	150 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C12 JL8											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	SPL	PL	297* 9	556	70.65	11.7	23	SS400		BR-W	
21		TCB	M 22* 65			0.508	11	S10T		BR-W	
2	SPL	PL	80* 9	297	70.65	1.68	3	SS400		BR-F	
1	SPL	PL	220* 9	297	70.65	4.62	5	SS400		BR-F	
8		TCB	M 22* 65			0.508	4	S10T		BR-F	
							JL8	46 kg			
							C12	1270 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C13 JL1										
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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	556	70.65	11.7	23	SS400		BR-W
21		TCB	M 22* 65			0.508	11	S10T		BR-W
2	SPL	PL	80* 9	297	70.65	1.68	3	SS400		BR-F
1	SPL	PL	220* 9	297	70.65	4.62	5	SS400		BR-F
8		TCB	M 22* 65			0.508	4	S10T		BR-F
JL1							46 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C13 JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	685	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	297* 9	1305	70.65	27.4	55	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG
2	SPL	PL	100* 9	297	70.65	2.10	4	SS400		FLG
8		TCB	M 22* 65			0.508	4	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
JL2							145 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C13 HL1HS										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	180* 9	953	70.65	12.1	24	SS400		WEB
20		TCB	M 22* 65			0.508	10	S10T		WEB
HL1HS							34 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C13 JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	685	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	297* 9	1305	70.65	27.4	55	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG
2	SPL	PL	100* 9	297	70.65	2.10	4	SS400		FLG
8		TCB	M 22* 65			0.508	4	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F

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JL3		145 kg
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APPROACH BRIDGE CROSS GIRDER SPLICE C13 JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	686	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	297* 9	1304	70.65	27.4	55	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG
2	SPL	PL	100* 11	297	86.35	2.56	5	SS400		FLG
8		TCB	M 22* 75			0.538	4	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
JL4							146 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C13 HL2HS										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	180* 9	2603	70.65	33.1	66	SS400		WEB
50		TCB	M 22* 65			0.508	25	S10T		WEB
HL2HS							91 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C13 JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	686	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	297* 9	1304	70.65	27.4	55	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG
2	SPL	PL	100* 11	297	86.35	2.56	5	SS400		FLG
8		TCB	M 22* 75			0.538	4	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
JL5							146 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C13 JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks

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2	SPL	PL	297* 9	686	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	297* 9	1253	70.65	26.3	53	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG
2	SPL	PL	100* 9	297	70.65	2.10	4	SS400		FLG
8		TCB	M 22* 65			0.508	4	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
JL6										143 kg

APPROACH BRIDGE CROSS GIRDER SPLICE C13 JL6A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	686	70.65	14.4	29	SS400		WEB
24		TCB	M 22* 65			0.508	12	S10T		WEB
JL6A										41 kg

APPROACH BRIDGE CROSS GIRDER SPLICE C13 HL3HS										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	180* 9	1597	70.65	20.3	41	SS400		WEB
30		TCB	M 22* 65			0.508	15	S10T		WEB
2	SPL	PL	180* 9	1506	70.65	19.2	38	SS400		WEB
30		TCB	M 22* 65			0.508	15	S10T		WEB
HL3HS										109 kg

APPROACH BRIDGE CROSS GIRDER SPLICE C13 JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	685	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	297* 9	1304	70.65	27.4	55	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG
2	SPL	PL	100* 9	297	70.65	2.10	4	SS400		FLG
8		TCB	M 22* 65			0.508	4	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
JL7										145 kg

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APPROACH BRIDGE CROSS GIRDER SPLICE C13 JL8											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	SPL	PL	297* 9	556	70.65	11.7	23	SS400		BR-W	
21		TCB	M 22* 65			0.508	11	S10T		BR-W	
2	SPL	PL	80* 9	297	70.65	1.68	3	SS400		BR-F	
1	SPL	PL	220* 9	297	70.65	4.62	5	SS400		BR-F	
8		TCB	M 22* 65			0.508	4	S10T		BR-F	
							JL8				46 kg
							C13				1237 kg

APPROACH BRIDGE CROSS GIRDER SPLICE C14 JL1											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	SPL	PL	297* 9	556	70.65	11.7	23	SS400		BR-W	
21		TCB	M 22* 65			0.508	11	S10T		BR-W	
2	SPL	PL	80* 9	297	70.65	1.68	3	SS400		BR-F	
1	SPL	PL	220* 9	297	70.65	4.62	5	SS400		BR-F	
8		TCB	M 22* 65			0.508	4	S10T		BR-F	
							JL1				46 kg

APPROACH BRIDGE CROSS GIRDER SPLICE C14 JL2											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	SPL	PL	297* 9	685	70.65	14.4	29	SS400		WEB	
26		TCB	M 22* 65			0.508	13	S10T		WEB	
2	SPL	PL	297* 9	1305	70.65	27.4	55	SS400		WEB	
48		TCB	M 22* 65			0.508	24	S10T		WEB	
1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG	
2	SPL	PL	100* 9	297	70.65	2.10	4	SS400		FLG	
8		TCB	M 22* 65			0.508	4	S10T		FLG	
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F	
8		TCB	M 22* 65			0.508	4	S10T		FB-F	
							JL2				145 kg

APPROACH BRIDGE CROSS GIRDER SPLICE C14 HL1HS										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	180* 9	953	70.65	12.1	24	SS400		WEB

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20		TCB	M 22* 65			0.508	10	S10T		WEB	
							HL1HS				
							34 kg				

APPROACH BRIDGE CROSS GIRDER SPLICE C14 JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	685	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	297* 9	1305	70.65	27.4	55	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG
2	SPL	PL	100* 9	297	70.65	2.10	4	SS400		FLG
8		TCB	M 22* 65			0.508	4	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
							JL3			
							145 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C14 JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	686	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	297* 9	1304	70.65	27.4	55	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG
2	SPL	PL	100* 11	297	86.35	2.56	5	SS400		FLG
8		TCB	M 22* 75			0.538	4	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
							JL4			
							146 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C14 HL2HS										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	180* 9	2603	70.65	33.1	66	SS400		WEB
50		TCB	M 22* 65			0.508	25	S10T		WEB
							HL2HS			
							91 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C14 JL5										

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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	686	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	297* 9	1304	70.65	27.4	55	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG
2	SPL	PL	100* 11	297	86.35	2.56	5	SS400		FLG
8		TCB	M 22* 75			0.538	4	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
JL5							146 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C14 JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	686	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	297* 9	1258	70.65	26.4	53	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG
2	SPL	PL	100* 9	297	70.65	2.10	4	SS400		FLG
8		TCB	M 22* 65			0.508	4	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
JL6							143 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C14 HL3HS										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	180* 9	2713	70.65	34.5	69	SS400		WEB
52		TCB	M 22* 65			0.508	26	S10T		WEB
HL3HS							95 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C14 JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	685	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	297* 9	1304	70.65	27.4	55	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG

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2	SPL	PL	100* 9	297	70.65	2.10	4	SS400		FLG
8		TCB	M 22* 65			0.508	4	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
							JL7			
							145 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C14 JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	556	70.65	11.7	23	SS400		BR-W
21		TCB	M 22* 65			0.508	11	S10T		BR-W
2	SPL	PL	80* 9	297	70.65	1.68	3	SS400		BR-F
1	SPL	PL	220* 9	297	70.65	4.62	5	SS400		BR-F
8		TCB	M 22* 65			0.508	4	S10T		BR-F
							JL8			
							46 kg			
							C14			
							1182 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C15 JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	556	70.65	11.7	23	SS400		BR-W
21		TCB	M 22* 65			0.508	11	S10T		BR-W
2	SPL	PL	80* 9	297	70.65	1.68	3	SS400		BR-F
1	SPL	PL	220* 9	297	70.65	4.62	5	SS400		BR-F
8		TCB	M 22* 65			0.508	4	S10T		BR-F
							JL1			
							46 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C15 JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	685	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	297* 9	1305	70.65	27.4	55	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG
2	SPL	PL	100* 9	297	70.65	2.10	4	SS400		FLG
8		TCB	M 22* 65			0.508	4	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F

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JL2					145 kg					
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APPROACH BRIDGE CROSS GIRDER SPLICE C15 HL1HS										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	180* 9	953	70.65	12.1	24	SS400		WEB
20		TCB	M 22* 65			0.508	10	S10T		WEB
HL1HS					34 kg					

APPROACH BRIDGE CROSS GIRDER SPLICE C15 JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	685	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	297* 9	1305	70.65	27.4	55	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG
2	SPL	PL	100* 9	297	70.65	2.10	4	SS400		FLG
8		TCB	M 22* 65			0.508	4	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
JL3					145 kg					

APPROACH BRIDGE CROSS GIRDER SPLICE C15 JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	686	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	297* 9	1304	70.65	27.4	55	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG
2	SPL	PL	100* 11	297	86.35	2.56	5	SS400		FLG
8		TCB	M 22* 75			0.538	4	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
JL4					146 kg					

APPROACH BRIDGE CROSS GIRDER SPLICE C15 HL2HS										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	180* 9	2603	70.65	33.1	66	SS400		WEB

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50		TCB	M 22* 65			0.508	25	S10T		WEB
HL2HS						91 kg				

APPROACH BRIDGE CROSS GIRDER SPLICE C15 JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	686	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	297* 9	1304	70.65	27.4	55	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG
2	SPL	PL	100* 11	297	86.35	2.56	5	SS400		FLG
8		TCB	M 22* 75			0.538	4	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
JL5						146 kg				

APPROACH BRIDGE CROSS GIRDER SPLICE C15 JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	686	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	297* 9	1258	70.65	26.4	53	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG
2	SPL	PL	100* 9	297	70.65	2.10	4	SS400		FLG
8		TCB	M 22* 65			0.508	4	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
JL6						143 kg				

APPROACH BRIDGE CROSS GIRDER SPLICE C15 HL3HS										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	180* 9	1387	70.65	17.6	35	SS400		WEB
28		TCB	M 22* 65			0.508	14	S10T		WEB
HL3HS						49 kg				

APPROACH BRIDGE CROSS GIRDER SPLICE C15 JL7										

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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	685	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	297* 9	1304	70.65	27.4	55	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG
2	SPL	PL	100* 9	297	70.65	2.10	4	SS400		FLG
8		TCB	M 22* 65			0.508	4	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
JL7							145 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C15 JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	556	70.65	11.7	23	SS400		BR-W
21		TCB	M 22* 65			0.508	11	S10T		BR-W
2	SPL	PL	80* 9	297	70.65	1.68	3	SS400		BR-F
1	SPL	PL	220* 9	297	70.65	4.62	5	SS400		BR-F
8		TCB	M 22* 65			0.508	4	S10T		BR-F
JL8							46 kg			
C15							1136 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C16 JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	556	70.65	11.7	23	SS400		BR-W
21		TCB	M 22* 65			0.508	11	S10T		BR-W
2	SPL	PL	80* 9	297	70.65	1.68	3	SS400		BR-F
1	SPL	PL	220* 9	297	70.65	4.62	5	SS400		BR-F
8		TCB	M 22* 65			0.508	4	S10T		BR-F
JL1							46 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C16 JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	685	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	297* 9	1305	70.65	27.4	55	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB

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1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG
2	SPL	PL	100* 9	297	70.65	2.10	4	SS400		FLG
8		TCB	M 22* 65			0.508	4	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
JL2										145 kg

APPROACH BRIDGE CROSS GIRDER SPLICE C16 HL1HS										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	180* 9	953	70.65	12.1	24	SS400		WEB
20		TCB	M 22* 65			0.508	10	S10T		WEB
HL1HS										34 kg

APPROACH BRIDGE CROSS GIRDER SPLICE C16 JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	685	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	297* 9	1305	70.65	27.4	55	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG
2	SPL	PL	100* 9	297	70.65	2.10	4	SS400		FLG
8		TCB	M 22* 65			0.508	4	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
JL3										145 kg

APPROACH BRIDGE CROSS GIRDER SPLICE C16 JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	686	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	297* 9	1304	70.65	27.4	55	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG
2	SPL	PL	100* 11	297	86.35	2.56	5	SS400		FLG
8		TCB	M 22* 75			0.538	4	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F

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JL4	146 kg
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APPROACH BRIDGE CROSS GIRDER SPLICE C16 HL2HS										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	180* 9	2603	70.65	33.1	66	SS400		WEB
50		TCB	M 22* 65			0.508	25	S10T		WEB
							HL2HS	91 kg		

APPROACH BRIDGE CROSS GIRDER SPLICE C16 JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	686	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	297* 9	1304	70.65	27.4	55	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG
2	SPL	PL	100* 11	297	86.35	2.56	5	SS400		FLG
8		TCB	M 22* 75			0.538	4	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
							JL5	146 kg		

APPROACH BRIDGE CROSS GIRDER SPLICE C16 JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	686	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	297* 9	1305	70.65	27.4	55	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG
2	SPL	PL	100* 9	297	70.65	2.10	4	SS400		FLG
8		TCB	M 22* 65			0.508	4	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
							JL6	145 kg		

APPROACH BRIDGE CROSS GIRDER SPLICE C16 HL3HS										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	180* 9	953	70.65	12.1	24	SS400		WEB

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20		TCB	M 22* 65			0.508	10	S10T		WEB	
							HL3HS	34 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C16 JL7											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	SPL	PL	297* 9	685	70.65	14.4	29	SS400		WEB	
26		TCB	M 22* 65			0.508	13	S10T		WEB	
2	SPL	PL	297* 9	1305	70.65	27.4	55	SS400		WEB	
48		TCB	M 22* 65			0.508	24	S10T		WEB	
1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG	
2	SPL	PL	100* 9	297	70.65	2.10	4	SS400		FLG	
8		TCB	M 22* 65			0.508	4	S10T		FLG	
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F	
8		TCB	M 22* 65			0.508	4	S10T		FB-F	
							JL7	145 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C16 JL8											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	SPL	PL	297* 9	556	70.65	11.7	23	SS400		BR-W	
21		TCB	M 22* 65			0.508	11	S10T		BR-W	
2	SPL	PL	80* 9	297	70.65	1.68	3	SS400		BR-F	
1	SPL	PL	220* 9	297	70.65	4.62	5	SS400		BR-F	
8		TCB	M 22* 65			0.508	4	S10T		BR-F	
							JL8	46 kg			
							C16	1123 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C17 JL1											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	SPL	PL	297* 9	556	70.65	11.7	23	SS400		BR-W	
21		TCB	M 22* 65			0.508	11	S10T		BR-W	
2	SPL	PL	80* 9	297	70.65	1.68	3	SS400		BR-F	
1	SPL	PL	220* 9	297	70.65	4.62	5	SS400		BR-F	
8		TCB	M 22* 65			0.508	4	S10T		BR-F	
							JL1	46 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C17 JL2										
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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	685	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	297* 9	1305	70.65	27.4	55	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG
2	SPL	PL	100* 9	297	70.65	2.10	4	SS400		FLG
8		TCB	M 22* 65			0.508	4	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
JL2							145 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C17 HL1HS										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	180* 9	953	70.65	12.1	24	SS400		WEB
20		TCB	M 22* 65			0.508	10	S10T		WEB
HL1HS							34 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C17 JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	685	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	297* 9	1305	70.65	27.4	55	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG
2	SPL	PL	100* 9	297	70.65	2.10	4	SS400		FLG
8		TCB	M 22* 65			0.508	4	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
JL3							145 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C17 JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	686	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	297* 9	1304	70.65	27.4	55	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB

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1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG
2	SPL	PL	100* 11	297	86.35	2.56	5	SS400		FLG
8		TCB	M 22* 75			0.538	4	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
JL4										146 kg

APPROACH BRIDGE CROSS GIRDER SPLICE C17 HL2HS										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	180* 9	2603	70.65	33.1	66	SS400		WEB
50		TCB	M 22* 65			0.508	25	S10T		WEB
HL2HS										91 kg

APPROACH BRIDGE CROSS GIRDER SPLICE C17 JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	686	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	297* 9	1304	70.65	27.4	55	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG
2	SPL	PL	100* 11	297	86.35	2.56	5	SS400		FLG
8		TCB	M 22* 75			0.538	4	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
JL5										146 kg

APPROACH BRIDGE CROSS GIRDER SPLICE C17 JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	686	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	297* 9	1305	70.65	27.4	55	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG
2	SPL	PL	100* 9	297	70.65	2.10	4	SS400		FLG
8		TCB	M 22* 65			0.508	4	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F

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JL6	145 kg
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APPROACH BRIDGE CROSS GIRDER SPLICE C17 HL3HS										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	180* 9	953	70.65	12.1	24	SS400		WEB
20		TCB	M 22* 65			0.508	10	S10T		WEB
							HL3HS	34 kg		

APPROACH BRIDGE CROSS GIRDER SPLICE C17 JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	685	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	297* 9	1305	70.65	27.4	55	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG
2	SPL	PL	100* 9	297	70.65	2.10	4	SS400		FLG
8		TCB	M 22* 65			0.508	4	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
							JL7	145 kg		

APPROACH BRIDGE CROSS GIRDER SPLICE C17 JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	556	70.65	11.7	23	SS400		BR-W
21		TCB	M 22* 65			0.508	11	S10T		BR-W
2	SPL	PL	80* 9	297	70.65	1.68	3	SS400		BR-F
1	SPL	PL	220* 9	297	70.65	4.62	5	SS400		BR-F
8		TCB	M 22* 65			0.508	4	S10T		BR-F
							JL8	46 kg		
							C17	1123 kg		

APPROACH BRIDGE CROSS GIRDER SPLICE C18 JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	556	70.65	11.7	23	SS400		BR-W
21		TCB	M 22* 65			0.508	11	S10T		BR-W
2	SPL	PL	80* 9	297	70.65	1.68	3	SS400		BR-F

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1	SPL	PL	220* 9	297	70.65	4.62	5	SS400		BR-F	
8		TCB	M 22* 65			0.508	4	S10T		BR-F	
JL1							46 kg				

APPROACH BRIDGE CROSS GIRDER SPLICE C18 JL2											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	SPL	PL	297* 9	685	70.65	14.4	29	SS400		WEB	
26		TCB	M 22* 65			0.508	13	S10T		WEB	
2	SPL	PL	297* 9	1305	70.65	27.4	55	SS400		WEB	
48		TCB	M 22* 65			0.508	24	S10T		WEB	
1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG	
2	SPL	PL	100* 9	297	70.65	2.10	4	SS400		FLG	
8		TCB	M 22* 65			0.508	4	S10T		FLG	
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F	
8		TCB	M 22* 65			0.508	4	S10T		FB-F	
JL2							145 kg				

APPROACH BRIDGE CROSS GIRDER SPLICE C18 HL1HS											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	SPL	PL	180* 9	953	70.65	12.1	24	SS400		WEB	
20		TCB	M 22* 65			0.508	10	S10T		WEB	
HL1HS							34 kg				

APPROACH BRIDGE CROSS GIRDER SPLICE C18 JL3											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	SPL	PL	297* 9	685	70.65	14.4	29	SS400		WEB	
26		TCB	M 22* 65			0.508	13	S10T		WEB	
2	SPL	PL	297* 9	1305	70.65	27.4	55	SS400		WEB	
48		TCB	M 22* 65			0.508	24	S10T		WEB	
1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG	
2	SPL	PL	100* 9	297	70.65	2.10	4	SS400		FLG	
8		TCB	M 22* 65			0.508	4	S10T		FLG	
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F	
8		TCB	M 22* 65			0.508	4	S10T		FB-F	
JL3							145 kg				

APPROACH BRIDGE CROSS GIRDER SPLICE C18 JL4										
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APPROACH BRIDGE CROSS GIRDER SPLICE C18 JL4											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	SPL	PL	297* 9	686	70.65	14.4	29	SS400		WEB	
26		TCB	M 22* 65			0.508	13	S10T		WEB	
2	SPL	PL	297* 9	1304	70.65	27.4	55	SS400		WEB	
48		TCB	M 22* 65			0.508	24	S10T		WEB	
1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG	
2	SPL	PL	100* 11	297	86.35	2.56	5	SS400		FLG	
8		TCB	M 22* 75			0.538	4	S10T		FLG	
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F	
8		TCB	M 22* 65			0.508	4	S10T		FB-F	
							JL4				146 kg

APPROACH BRIDGE CROSS GIRDER SPLICE C18 HL2HS											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	SPL	PL	180* 9	2603	70.65	33.1	66	SS400		WEB	
50		TCB	M 22* 65			0.508	25	S10T		WEB	
							HL2HS				91 kg

APPROACH BRIDGE CROSS GIRDER SPLICE C18 JL5											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	SPL	PL	297* 9	686	70.65	14.4	29	SS400		WEB	
26		TCB	M 22* 65			0.508	13	S10T		WEB	
2	SPL	PL	297* 9	1304	70.65	27.4	55	SS400		WEB	
48		TCB	M 22* 65			0.508	24	S10T		WEB	
1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG	
2	SPL	PL	100* 11	297	86.35	2.56	5	SS400		FLG	
8		TCB	M 22* 75			0.538	4	S10T		FLG	
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F	
8		TCB	M 22* 65			0.508	4	S10T		FB-F	
							JL5				146 kg

APPROACH BRIDGE CROSS GIRDER SPLICE C18 JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	686	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	297* 9	1305	70.65	27.4	55	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB

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1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG
2	SPL	PL	100* 9	297	70.65	2.10	4	SS400		FLG
8		TCB	M 22* 65			0.508	4	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
JL6										145 kg

APPROACH BRIDGE CROSS GIRDER SPLICE C18 HL3HS										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	180* 9	953	70.65	12.1	24	SS400		WEB
20		TCB	M 22* 65			0.508	10	S10T		WEB
HL3HS										34 kg

APPROACH BRIDGE CROSS GIRDER SPLICE C18 JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	685	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	297* 9	1305	70.65	27.4	55	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG
2	SPL	PL	100* 9	297	70.65	2.10	4	SS400		FLG
8		TCB	M 22* 65			0.508	4	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
JL7										145 kg

APPROACH BRIDGE CROSS GIRDER SPLICE C18 JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	556	70.65	11.7	23	SS400		BR-W
21		TCB	M 22* 65			0.508	11	S10T		BR-W
2	SPL	PL	80* 9	297	70.65	1.68	3	SS400		BR-F
1	SPL	PL	220* 9	297	70.65	4.62	5	SS400		BR-F
8		TCB	M 22* 65			0.508	4	S10T		BR-F
JL8										46 kg
C18										1123 kg

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APPROACH BRIDGE CROSS GIRDER SPLICE C19 JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	556	70.65	11.7	23	SS400		BR-W
21		TCB	M 22* 65			0.508	11	S10T		BR-W
2	SPL	PL	80* 9	297	70.65	1.68	3	SS400		BR-F
1	SPL	PL	220* 9	297	70.65	4.62	5	SS400		BR-F
8		TCB	M 22* 65			0.508	4	S10T		BR-F
							JL1	46 kg		

APPROACH BRIDGE CROSS GIRDER SPLICE C19 JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	685	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	297* 9	1305	70.65	27.4	55	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG
2	SPL	PL	100* 9	297	70.65	2.10	4	SS400		FLG
8		TCB	M 22* 65			0.508	4	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
							JL2	145 kg		

APPROACH BRIDGE CROSS GIRDER SPLICE C19 HL1HS										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	180* 9	953	70.65	12.1	24	SS400		WEB
20		TCB	M 22* 65			0.508	10	S10T		WEB
							HL1HS	34 kg		

APPROACH BRIDGE CROSS GIRDER SPLICE C19 JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	685	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	297* 9	1305	70.65	27.4	55	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG
2	SPL	PL	100* 9	297	70.65	2.10	4	SS400		FLG
8		TCB	M 22* 65			0.508	4	S10T		FLG

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4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
JL3							145 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C19 JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	686	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	297* 9	1304	70.65	27.4	55	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG
2	SPL	PL	100* 11	297	86.35	2.56	5	SS400		FLG
8		TCB	M 22* 75			0.538	4	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
JL4							146 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C19 HL2HS										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	180* 9	2603	70.65	33.1	66	SS400		WEB
50		TCB	M 22* 65			0.508	25	S10T		WEB
HL2HS							91 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C19 JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	686	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	297* 9	1304	70.65	27.4	55	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG
2	SPL	PL	100* 11	297	86.35	2.56	5	SS400		FLG
8		TCB	M 22* 75			0.538	4	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
JL5							146 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C19 JL6										
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APPROACH BRIDGE CROSS GIRDER SPLICE C19 JL6											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	SPL	PL	297* 9	686	70.65	14.4	29	SS400		WEB	
26		TCB	M 22* 65			0.508	13	S10T		WEB	
2	SPL	PL	297* 9	1260	70.65	26.4	53	SS400		WEB	
48		TCB	M 22* 65			0.508	24	S10T		WEB	
1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG	
2	SPL	PL	100* 9	297	70.65	2.10	4	SS400		FLG	
8		TCB	M 22* 65			0.508	4	S10T		FLG	
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F	
8		TCB	M 22* 65			0.508	4	S10T		FB-F	
							JL6				143 kg

APPROACH BRIDGE CROSS GIRDER SPLICE C19 HL3HS											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	SPL	PL	180* 9	957	70.65	12.2	24	SS400		WEB	
20		TCB	M 22* 65			0.508	10	S10T		WEB	
							HL3HS				34 kg

APPROACH BRIDGE CROSS GIRDER SPLICE C19 JL7											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	SPL	PL	297* 9	685	70.65	14.4	29	SS400		WEB	
26		TCB	M 22* 65			0.508	13	S10T		WEB	
2	SPL	PL	297* 9	1305	70.65	27.4	55	SS400		WEB	
48		TCB	M 22* 65			0.508	24	S10T		WEB	
1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG	
2	SPL	PL	100* 9	297	70.65	2.10	4	SS400		FLG	
8		TCB	M 22* 65			0.508	4	S10T		FLG	
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F	
8		TCB	M 22* 65			0.508	4	S10T		FB-F	
							JL7				145 kg

APPROACH BRIDGE CROSS GIRDER SPLICE C19 JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	556	70.65	11.7	23	SS400		BR-W
21		TCB	M 22* 65			0.508	11	S10T		BR-W
2	SPL	PL	80* 9	297	70.65	1.68	3	SS400		BR-F
1	SPL	PL	220* 9	297	70.65	4.62	5	SS400		BR-F

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8		TCB	M 22* 65			0.508	4	S10T		BR-F	
							JL8	46 kg			
							C19	1121 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C20 JL1											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	SPL	PL	297* 9	556	70.65	11.7	23	SS400		BR-W	
21		TCB	M 22* 65			0.508	11	S10T		BR-W	
2	SPL	PL	80* 9	297	70.65	1.68	3	SS400		BR-F	
1	SPL	PL	220* 9	297	70.65	4.62	5	SS400		BR-F	
8		TCB	M 22* 65			0.508	4	S10T		BR-F	
							JL1	46 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C20 JL2											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	SPL	PL	297* 9	685	70.65	14.4	29	SS400		WEB	
26		TCB	M 22* 65			0.508	13	S10T		WEB	
2	SPL	PL	297* 9	1305	70.65	27.4	55	SS400		WEB	
48		TCB	M 22* 65			0.508	24	S10T		WEB	
1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG	
2	SPL	PL	100* 9	297	70.65	2.10	4	SS400		FLG	
8		TCB	M 22* 65			0.508	4	S10T		FLG	
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F	
8		TCB	M 22* 65			0.508	4	S10T		FB-F	
							JL2	145 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C20 HL1HS											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	SPL	PL	180* 9	953	70.65	12.1	24	SS400		WEB	
20		TCB	M 22* 65			0.508	10	S10T		WEB	
							HL1HS	34 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C20 JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	685	70.65	14.4	29	SS400		WEB

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26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	297* 9	1305	70.65	27.4	55	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG
2	SPL	PL	100* 9	297	70.65	2.10	4	SS400		FLG
8		TCB	M 22* 65			0.508	4	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
JL3							145 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C20 JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	686	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	297* 9	1303	70.65	27.3	55	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG
2	SPL	PL	100* 11	297	86.35	2.56	5	SS400		FLG
8		TCB	M 22* 75			0.538	4	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
JL4							146 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C20 HL2HS										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	2901	70.65	60.9	122	SS400		WEB
56		TCB	M 22* 65			0.508	28	S10T		WEB
HL2HS							150 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C20 JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	686	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	297* 9	1304	70.65	27.4	55	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG
2	SPL	PL	100* 11	297	86.35	2.56	5	SS400		FLG
8		TCB	M 22* 75			0.538	4	S10T		FLG

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4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
JL5							146 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C20 JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	686	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	297* 9	1260	70.65	26.4	53	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG
2	SPL	PL	100* 9	297	70.65	2.10	4	SS400		FLG
8		TCB	M 22* 65			0.508	4	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
JL6							143 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C20 HL3HS										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	180* 9	957	70.65	12.2	24	SS400		WEB
20		TCB	M 22* 65			0.508	10	S10T		WEB
HL3HS							34 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C20 JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	685	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	297* 9	1305	70.65	27.4	55	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG
2	SPL	PL	100* 9	297	70.65	2.10	4	SS400		FLG
8		TCB	M 22* 65			0.508	4	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
JL7							145 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C20 JL8										
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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	556	70.65	11.7	23	SS400		BR-W
21		TCB	M 22* 65			0.508	11	S10T		BR-W
2	SPL	PL	80* 9	297	70.65	1.68	3	SS400		BR-F
1	SPL	PL	220* 9	297	70.65	4.62	5	SS400		BR-F
8		TCB	M 22* 65			0.508	4	S10T		BR-F
JL8							46 kg			
C20							1180 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C21 JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	556	70.65	11.7	23	SS400		BR-W
21		TCB	M 22* 65			0.508	11	S10T		BR-W
2	SPL	PL	80* 9	297	70.65	1.68	3	SS400		BR-F
1	SPL	PL	220* 9	297	70.65	4.62	5	SS400		BR-F
8		TCB	M 22* 65			0.508	4	S10T		BR-F
JL1							46 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C21 JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	685	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	297* 9	1305	70.65	27.4	55	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG
2	SPL	PL	100* 9	297	70.65	2.10	4	SS400		FLG
8		TCB	M 22* 65			0.508	4	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
JL2							145 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C21 HL1HS										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	180* 9	953	70.65	12.1	24	SS400		WEB
20		TCB	M 22* 65			0.508	10	S10T		WEB

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HL1HS	34 kg
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APPROACH BRIDGE CROSS GIRDER SPLICE C21 JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	685	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	297* 9	1305	70.65	27.4	55	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG
2	SPL	PL	100* 9	297	70.65	2.10	4	SS400		FLG
8		TCB	M 22* 65			0.508	4	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
JL3							145 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C21 JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	686	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	297* 9	1304	70.65	27.4	55	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG
2	SPL	PL	100* 11	297	86.35	2.56	5	SS400		FLG
8		TCB	M 22* 75			0.538	4	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
JL4							146 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C21 JL4A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	686	70.65	14.4	29	SS400		WEB
22		TCB	M 22* 65			0.508	11	S10T		WEB
JL4A							40 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C21 HL2HS										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	180* 9	1568	70.65	19.9	40	SS400		WEB

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30		TCB	M 22* 65			0.508	15	S10T		WEB
2	SPL	PL	180* 9	1476	70.65	18.8	38	SS400		WEB
28		TCB	M 22* 65			0.508	14	S10T		WEB
HL2HS										107 kg

APPROACH BRIDGE CROSS GIRDER SPLICE C21 JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	686	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	297* 9	1304	70.65	27.4	55	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG
2	SPL	PL	100* 11	297	86.35	2.56	5	SS400		FLG
8		TCB	M 22* 75			0.538	4	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
JL5										146 kg

APPROACH BRIDGE CROSS GIRDER SPLICE C21 JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	686	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	297* 9	1260	70.65	26.4	53	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG
2	SPL	PL	100* 9	297	70.65	2.10	4	SS400		FLG
8		TCB	M 22* 65			0.508	4	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
JL6										143 kg

APPROACH BRIDGE CROSS GIRDER SPLICE C21 HL3HS										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	180* 9	957	70.65	12.2	24	SS400		WEB
20		TCB	M 22* 65			0.508	10	S10T		WEB
HL3HS										34 kg

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APPROACH BRIDGE CROSS GIRDER SPLICE C21 JL7											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	SPL	PL	297* 9	685	70.65	14.4	29	SS400		WEB	
26		TCB	M 22* 65			0.508	13	S10T		WEB	
2	SPL	PL	297* 9	1305	70.65	27.4	55	SS400		WEB	
48		TCB	M 22* 65			0.508	24	S10T		WEB	
1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG	
2	SPL	PL	100* 9	297	70.65	2.10	4	SS400		FLG	
8		TCB	M 22* 65			0.508	4	S10T		FLG	
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F	
8		TCB	M 22* 65			0.508	4	S10T		FB-F	
							JL7				145 kg

APPROACH BRIDGE CROSS GIRDER SPLICE C21 JL8											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	SPL	PL	297* 9	556	70.65	11.7	23	SS400		BR-W	
21		TCB	M 22* 65			0.508	11	S10T		BR-W	
2	SPL	PL	80* 9	297	70.65	1.68	3	SS400		BR-F	
1	SPL	PL	220* 9	297	70.65	4.62	5	SS400		BR-F	
8		TCB	M 22* 65			0.508	4	S10T		BR-F	
							JL8				46 kg
							C21				1177 kg

APPROACH BRIDGE CROSS GIRDER SPLICE C22 JL1											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	SPL	PL	297* 9	556	70.65	11.7	23	SS400		BR-W	
21		TCB	M 22* 65			0.508	11	S10T		BR-W	
2	SPL	PL	80* 9	297	70.65	1.68	3	SS400		BR-F	
1	SPL	PL	220* 9	297	70.65	4.62	5	SS400		BR-F	
8		TCB	M 22* 65			0.508	4	S10T		BR-F	
							JL1				46 kg

APPROACH BRIDGE CROSS GIRDER SPLICE C22 JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	685	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB

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2	SPL	PL	297* 9	1305	70.65	27.4	55	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG
2	SPL	PL	100* 9	297	70.65	2.10	4	SS400		FLG
8		TCB	M 22* 65			0.508	4	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
JL2										145 kg

APPROACH BRIDGE CROSS GIRDER SPLICE C22 HL1HS										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	180* 9	953	70.65	12.1	24	SS400		WEB
20		TCB	M 22* 65			0.508	10	S10T		WEB
HL1HS										34 kg

APPROACH BRIDGE CROSS GIRDER SPLICE C22 JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	685	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	297* 9	1305	70.65	27.4	55	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG
2	SPL	PL	100* 9	297	70.65	2.10	4	SS400		FLG
8		TCB	M 22* 65			0.508	4	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
JL3										145 kg

APPROACH BRIDGE CROSS GIRDER SPLICE C22 JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	686	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	297* 9	1304	70.65	27.4	55	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG
2	SPL	PL	100* 11	297	86.35	2.56	5	SS400		FLG
8		TCB	M 22* 75			0.538	4	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F

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8		TCB	M 22* 65			0.508	4	S10T		FB-F	
JL4							146 kg				

APPROACH BRIDGE CROSS GIRDER SPLICE C22 JL4A											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	SPL	PL	297* 9	686	70.65	14.4	29	SS400		WEB	
22		TCB	M 22* 65			0.508	11	S10T		WEB	
JL4A							40 kg				

APPROACH BRIDGE CROSS GIRDER SPLICE C22 HL2HS											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	SPL	PL	180* 9	1796	70.65	22.8	46	SS400		WEB	
34		TCB	M 22* 65			0.508	17	S10T		WEB	
2	SPL	PL	180* 9	1721	70.65	21.9	44	SS400		WEB	
34		TCB	M 22* 65			0.508	17	S10T		WEB	
HL2HS							124 kg				

APPROACH BRIDGE CROSS GIRDER SPLICE C22 JL5											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	SPL	PL	297* 9	686	70.65	14.4	29	SS400		WEB	
26		TCB	M 22* 65			0.508	13	S10T		WEB	
2	SPL	PL	297* 9	1304	70.65	27.4	55	SS400		WEB	
48		TCB	M 22* 65			0.508	24	S10T		WEB	
1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG	
2	SPL	PL	100* 11	297	86.35	2.56	5	SS400		FLG	
8		TCB	M 22* 75			0.538	4	S10T		FLG	
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F	
8		TCB	M 22* 65			0.508	4	S10T		FB-F	
JL5							146 kg				

APPROACH BRIDGE CROSS GIRDER SPLICE C22 JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	686	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	297* 9	1260	70.65	26.4	53	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB

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1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG
2	SPL	PL	100* 9	297	70.65	2.10	4	SS400		FLG
8		TCB	M 22* 65			0.508	4	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
JL6										143 kg

APPROACH BRIDGE CROSS GIRDER SPLICE C22 HL3HS										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	180* 9	957	70.65	12.2	24	SS400		WEB
20		TCB	M 22* 65			0.508	10	S10T		WEB
HL3HS										34 kg

APPROACH BRIDGE CROSS GIRDER SPLICE C22 JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	685	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	297* 9	1305	70.65	27.4	55	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG
2	SPL	PL	100* 9	297	70.65	2.10	4	SS400		FLG
8		TCB	M 22* 65			0.508	4	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
JL7										145 kg

APPROACH BRIDGE CROSS GIRDER SPLICE C22 JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	556	70.65	11.7	23	SS400		BR-W
21		TCB	M 22* 65			0.508	11	S10T		BR-W
2	SPL	PL	80* 9	297	70.65	1.68	3	SS400		BR-F
1	SPL	PL	220* 9	297	70.65	4.62	5	SS400		BR-F
8		TCB	M 22* 65			0.508	4	S10T		BR-F
JL8										46 kg
C22										1194 kg

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APPROACH BRIDGE CROSS GIRDER SPLICE C23 JL1											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	SPL	PL	297* 9	556	70.65	11.7	23	SS400		BR-W	
21		TCB	M 22* 65			0.508	11	S10T		BR-W	
2	SPL	PL	80* 9	297	70.65	1.68	3	SS400		BR-F	
1	SPL	PL	220* 9	297	70.65	4.62	5	SS400		BR-F	
8		TCB	M 22* 65			0.508	4	S10T		BR-F	
							JL1				46 kg

APPROACH BRIDGE CROSS GIRDER SPLICE C23 JL2											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	SPL	PL	297* 9	685	70.65	14.4	29	SS400		WEB	
26		TCB	M 22* 65			0.508	13	S10T		WEB	
2	SPL	PL	297* 9	1305	70.65	27.4	55	SS400		WEB	
48		TCB	M 22* 65			0.508	24	S10T		WEB	
1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG	
2	SPL	PL	100* 9	297	70.65	2.10	4	SS400		FLG	
8		TCB	M 22* 65			0.508	4	S10T		FLG	
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F	
8		TCB	M 22* 65			0.508	4	S10T		FB-F	
							JL2				145 kg

APPROACH BRIDGE CROSS GIRDER SPLICE C23 HL1HS											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	SPL	PL	180* 9	953	70.65	12.1	24	SS400		WEB	
20		TCB	M 22* 65			0.508	10	S10T		WEB	
							HL1HS				34 kg

APPROACH BRIDGE CROSS GIRDER SPLICE C23 JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	685	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	297* 9	1305	70.65	27.4	55	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG
2	SPL	PL	100* 9	297	70.65	2.10	4	SS400		FLG
8		TCB	M 22* 65			0.508	4	S10T		FLG

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4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
JL3							145 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C23 JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	686	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	297* 9	1304	70.65	27.4	55	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG
2	SPL	PL	100* 11	297	86.35	2.56	5	SS400		FLG
8		TCB	M 22* 75			0.538	4	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
JL4							146 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C23 JL4A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	686	70.65	14.4	29	SS400		WEB
22		TCB	M 22* 65			0.508	11	S10T		WEB
JL4A							40 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C23 HL2HS										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	180* 9	2067	70.65	26.3	53	SS400		WEB
40		TCB	M 22* 65			0.508	20	S10T		WEB
2	SPL	PL	180* 9	1922	70.65	24.4	49	SS400		WEB
38		TCB	M 22* 65			0.508	19	S10T		WEB
HL2HS							141 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C23 JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	686	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	297* 9	1304	70.65	27.4	55	SS400		WEB

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48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG
2	SPL	PL	100* 11	297	86.35	2.56	5	SS400		FLG
8		TCB	M 22* 75			0.538	4	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
JL5										146 kg

APPROACH BRIDGE CROSS GIRDER SPLICE C23 JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	686	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	297* 9	1260	70.65	26.4	53	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG
2	SPL	PL	100* 9	297	70.65	2.10	4	SS400		FLG
8		TCB	M 22* 65			0.508	4	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
JL6										143 kg

APPROACH BRIDGE CROSS GIRDER SPLICE C23 HL3HS										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	180* 9	957	70.65	12.2	24	SS400		WEB
20		TCB	M 22* 65			0.508	10	S10T		WEB
HL3HS										34 kg

APPROACH BRIDGE CROSS GIRDER SPLICE C23 JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	685	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	297* 9	1305	70.65	27.4	55	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG
2	SPL	PL	100* 9	297	70.65	2.10	4	SS400		FLG
8		TCB	M 22* 65			0.508	4	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F

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JL7	145 kg
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APPROACH BRIDGE CROSS GIRDER SPLICE C23 JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	556	70.65	11.7	23	SS400		BR-W
21		TCB	M 22* 65			0.508	11	S10T		BR-W
2	SPL	PL	80* 9	297	70.65	1.68	3	SS400		BR-F
1	SPL	PL	220* 9	297	70.65	4.62	5	SS400		BR-F
8		TCB	M 22* 65			0.508	4	S10T		BR-F
JL8							46 kg			
C23							1211 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C24 JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	556	70.65	11.7	23	SS400		BR-W
21		TCB	M 22* 65			0.508	11	S10T		BR-W
2	SPL	PL	80* 9	297	70.65	1.68	3	SS400		BR-F
1	SPL	PL	220* 9	297	70.65	4.62	5	SS400		BR-F
8		TCB	M 22* 65			0.508	4	S10T		BR-F
JL1							46 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C24 JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	685	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	297* 9	1305	70.65	27.4	55	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG
2	SPL	PL	100* 9	297	70.65	2.10	4	SS400		FLG
8		TCB	M 22* 65			0.508	4	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
JL2							145 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C24 HL1HS										

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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	180* 9	953	70.65	12.1	24	SS400		WEB
20		TCB	M 22* 65			0.508	10	S10T		WEB
HL1HS							34 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C24 JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	685	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	297* 9	1305	70.65	27.4	55	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG
2	SPL	PL	100* 9	297	70.65	2.10	4	SS400		FLG
8		TCB	M 22* 65			0.508	4	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
JL3							145 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C24 JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	686	70.65	14.4	29	SS400		WEB
26		TCB	M 22* 65			0.508	13	S10T		WEB
2	SPL	PL	297* 9	1304	70.65	27.4	55	SS400		WEB
48		TCB	M 22* 65			0.508	24	S10T		WEB
1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG
2	SPL	PL	100* 11	297	86.35	2.56	5	SS400		FLG
8		TCB	M 22* 75			0.538	4	S10T		FLG
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F
8		TCB	M 22* 65			0.508	4	S10T		FB-F
JL4							146 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C24 JL4A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	297* 9	686	70.65	14.4	29	SS400		WEB
22		TCB	M 22* 65			0.508	11	S10T		WEB
JL4A							40 kg			

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APPROACH BRIDGE CROSS GIRDER SPLICE C24 HL2HS											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	SPL	PL	180* 9	2363	70.65	30.0	60	SS400		WEB	
46		TCB	M 22* 65			0.508	23	S10T		WEB	
2	SPL	PL	180* 9	2058	70.65	26.2	52	SS400		WEB	
40		TCB	M 22* 65			0.508	20	S10T		WEB	
							HL2HS				155 kg

APPROACH BRIDGE CROSS GIRDER SPLICE C24 JL5											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	SPL	PL	297* 9	686	70.65	14.4	29	SS400		WEB	
26		TCB	M 22* 65			0.508	13	S10T		WEB	
2	SPL	PL	297* 9	1304	70.65	27.4	55	SS400		WEB	
48		TCB	M 22* 65			0.508	24	S10T		WEB	
1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG	
2	SPL	PL	100* 11	297	86.35	2.56	5	SS400		FLG	
8		TCB	M 22* 75			0.538	4	S10T		FLG	
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F	
8		TCB	M 22* 65			0.508	4	S10T		FB-F	
							JL5				146 kg

APPROACH BRIDGE CROSS GIRDER SPLICE C24 JL6											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	SPL	PL	297* 9	686	70.65	14.4	29	SS400		WEB	
26		TCB	M 22* 65			0.508	13	S10T		WEB	
2	SPL	PL	297* 9	1260	70.65	26.4	53	SS400		WEB	
48		TCB	M 22* 65			0.508	24	S10T		WEB	
1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG	
2	SPL	PL	100* 9	297	70.65	2.10	4	SS400		FLG	
8		TCB	M 22* 65			0.508	4	S10T		FLG	
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F	
8		TCB	M 22* 65			0.508	4	S10T		FB-F	
							JL6				143 kg

APPROACH BRIDGE CROSS GIRDER SPLICE C24 HL3HS										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	SPL	PL	180* 9	957	70.65	12.2	24	SS400		WEB

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20		TCB	M 22* 65			0.508	10	S10T		WEB	
							HL3HS	34 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C24 JL7											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	SPL	PL	297* 9	685	70.65	14.4	29	SS400		WEB	
26		TCB	M 22* 65			0.508	13	S10T		WEB	
2	SPL	PL	297* 9	1305	70.65	27.4	55	SS400		WEB	
48		TCB	M 22* 65			0.508	24	S10T		WEB	
1	SPL	PL	240* 9	297	70.65	5.04	5	SS400		FLG	
2	SPL	PL	100* 9	297	70.65	2.10	4	SS400		FLG	
8		TCB	M 22* 65			0.508	4	S10T		FLG	
4	SPL	PL	80* 9	297	70.65	1.68	7	SS400		FB-F	
8		TCB	M 22* 65			0.508	4	S10T		FB-F	
							JL7	145 kg			

APPROACH BRIDGE CROSS GIRDER SPLICE C24 JL8											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	SPL	PL	297* 9	556	70.65	11.7	23	SS400		BR-W	
21		TCB	M 22* 65			0.508	11	S10T		BR-W	
2	SPL	PL	80* 9	297	70.65	1.68	3	SS400		BR-F	
1	SPL	PL	220* 9	297	70.65	4.62	5	SS400		BR-F	
8		TCB	M 22* 65			0.508	4	S10T		BR-F	
							JL8	46 kg			
							C24	1225 kg			
							CROSS GIRDER SPLICE	29939 kg			
							APPROACH BRIDGE	29939 kg			

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APPROACH BRIDGE DIAPHRAGM D1 LL1-JL1											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	FLG	PL	230* 10	1021	78.50	18.4	18	SM400A			
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65		
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A			
							LL1-JL1				53 kg

APPROACH BRIDGE DIAPHRAGM D1 JL1-JL2											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	FLG	PL	230* 10	630	78.50	11.4	11	SM400A			
1	FLG	PL	230* 10	168	78.50	3.03	3	SM400A			
2	FLG	PL	111* 10	2546	78.50	22.2	44	SM400A			
1	WEB	PL	788* 9	609	70.65	18.6	19	SM400A	55		
1	WEB	PL	803* 9	168	70.65	9.53	10	SM400A			
2	D-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A			
1	DIA	PL	2989* 9	2730	70.65	346	346	SM400A	60		
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A			
2	D-STF	PL	100* 10	1397	78.50	11.0	22	SM400A			
2	D-STF	PL	110* 10	800	78.50	6.91	14	SM400A			
							JL1-JL2				497 kg

APPROACH BRIDGE DIAPHRAGM D1 JL2-JL3											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	FLG	PL	230* 10	1285	78.50	23.2	23	SM400A			
1	WEB	PL	800* 9	1301	70.65	62.5	62	SM400A	85		
1	VSTF	PL	90* 9	503	70.65	3.20	3	SM400A			
							JL2-JL3				88 kg

APPROACH BRIDGE DIAPHRAGM D1 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
2	FLG	PL	111* 10	2691	78.50	23.4	47	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
2	D-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	DIA	PL	2690* 9	2727	70.65	415	415	SM400A	80	

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2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	110* 10	800	78.50	6.91	14	SM400A		
JL3-JL4							556 kg			

APPROACH BRIDGE DIAPHRAGM D1 JL4-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	2936	78.50	53.0	53	SM400A		
1	WEB	PL	829* 9	2935	70.65	146	146	SM400A	85	
2	VSTF	PL	90* 9	780	70.65	4.96	10	SM400A		
JL4-JL5							209 kg			

APPROACH BRIDGE DIAPHRAGM D1 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
2	FLG	PL	111* 10	2691	78.50	23.4	47	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
2	D-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	DIA	PL	2690* 9	2727	70.65	415	415	SM400A	80	
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	110* 10	800	78.50	6.91	14	SM400A		
JL5-JL6							556 kg			

APPROACH BRIDGE DIAPHRAGM D1 JL6-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1895	78.50	34.2	34	SM400A		
1	FLG	PL	230* 10	1915	78.50	34.6	35	SM400A		
1	FLG	PL	230* 10	1915	78.50	34.6	35	SM400A		
1	FLG	PL	230* 10	1869	78.50	33.7	34	SM400A		
1	WEB	PL	800* 9	1911	70.65	91.8	92	SM400A	85	
1	WEB	PL	800* 9	1931	70.65	92.8	93	SM400A	85	
1	WEB	PL	800* 9	1931	70.65	92.8	93	SM400A	85	
1	WEB	PL	800* 9	1885	70.65	90.6	91	SM400A	85	
1	VSTF	PL	90* 9	503	70.65	3.20	3	SM400A		
2	VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		

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2	VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	VSTF	PL	90* 9	503	70.65	3.20	3	SM400A		
JL6-JL7							525 kg			

APPROACH BRIDGE DIAPHRAGM D1 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	174	78.50	3.14	3	SM400A		
1	FLG	PL	230* 10	630	78.50	11.4	11	SM400A		
2	FLG	PL	111* 10	2546	78.50	22.2	44	SM400A		
1	WEB	PL	803* 9	168	70.65	9.53	10	SM400A		
1	WEB	PL	788* 9	609	70.65	18.6	19	SM400A	55	
2	D-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	DIA	PL	2989* 9	2730	70.65	346	346	SM400A	60	
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	110* 10	800	78.50	6.91	14	SM400A		
JL7-JL8							497 kg			

APPROACH BRIDGE DIAPHRAGM D1 JL8-RR1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1021	78.50	18.4	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		
JL8-RR1							53 kg			
D1							3034 kg			

APPROACH BRIDGE DIAPHRAGM D2 LL1-JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1021	78.50	18.4	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		
LL1-JL1							53 kg			

APPROACH BRIDGE DIAPHRAGM D2 JL1-JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks

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1	FLG	PL	230* 10	630	78.50	11.4	11	SM400A		
1	FLG	PL	230* 10	168	78.50	3.03	3	SM400A		
2	FLG	PL	111* 10	2546	78.50	22.2	44	SM400A		
1	WEB	PL	788* 9	609	70.65	18.6	19	SM400A	55	
1	WEB	PL	803* 9	168	70.65	9.53	10	SM400A		
2	D-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	DIA	PL	2989* 9	2730	70.65	346	346	SM400A	60	
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	100* 10	1397	78.50	11.0	22	SM400A		
2	D-STF	PL	110* 10	800	78.50	6.91	14	SM400A		
JL1-JL2								497 kg		

APPROACH BRIDGE DIAPHRAGM D2 JL2-JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1285	78.50	23.2	23	SM400A		
1	WEB	PL	800* 9	1301	70.65	62.5	62	SM400A	85	
1	VSTF	PL	90* 9	503	70.65	3.20	3	SM400A		
JL2-JL3								88 kg		

APPROACH BRIDGE DIAPHRAGM D2 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
2	FLG	PL	111* 10	2691	78.50	23.4	47	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
2	D-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	DIA	PL	2690* 9	2727	70.65	415	415	SM400A	80	
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	110* 10	800	78.50	6.91	14	SM400A		
JL3-JL4								556 kg		

APPROACH BRIDGE DIAPHRAGM D2 JL4-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	2936	78.50	53.0	53	SM400A		
1	WEB	PL	829* 9	2935	70.65	146	146	SM400A	85	
2	VSTF	PL	90* 9	780	70.65	4.96	10	SM400A		

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JL4-JL5	209 kg
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APPROACH BRIDGE DIAPHRAGM D2 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
2	FLG	PL	111* 10	2691	78.50	23.4	47	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
2	D-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	DIA	PL	2690* 9	2727	70.65	415	415	SM400A	80	
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	110* 10	800	78.50	6.91	14	SM400A		
JL5-JL6							556 kg			

APPROACH BRIDGE DIAPHRAGM D2 JL6-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1895	78.50	34.2	34	SM400A		
1	FLG	PL	230* 10	1915	78.50	34.6	35	SM400A		
1	FLG	PL	230* 10	1915	78.50	34.6	35	SM400A		
1	FLG	PL	230* 10	1381	78.50	24.9	25	SM400A		
1	WEB	PL	800* 9	1911	70.65	91.8	92	SM400A	85	
1	WEB	PL	800* 9	1931	70.65	92.8	93	SM400A	85	
1	WEB	PL	800* 9	1931	70.65	92.8	93	SM400A	85	
1	WEB	PL	800* 9	1397	70.65	67.1	67	SM400A	85	
1	VSTF	PL	90* 9	503	70.65	3.20	3	SM400A		
2	VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
2	VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	VSTF	PL	90* 9	503	70.65	3.20	3	SM400A		
JL6-JL7							492 kg			

APPROACH BRIDGE DIAPHRAGM D2 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	174	78.50	3.14	3	SM400A		
1	FLG	PL	230* 10	630	78.50	11.4	11	SM400A		
2	FLG	PL	111* 10	2546	78.50	22.2	44	SM400A		
1	WEB	PL	803* 9	168	70.65	9.53	10	SM400A		

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1	WEB	PL	788* 9	609	70.65	18.6	19	SM400A	55	
2	D-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	DIA	PL	2989* 9	2730	70.65	346	346	SM400A	60	
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	110* 10	800	78.50	6.91	14	SM400A		
JL7-JL8										
497 kg										

APPROACH BRIDGE DIAPHRAGM D2 JL8-RR1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1021	78.50	18.4	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		
JL8-RR1										
53 kg										
D2										
3001 kg										

APPROACH BRIDGE DIAPHRAGM D3 LL1-JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1021	78.50	18.4	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		
LL1-JL1										
53 kg										

APPROACH BRIDGE DIAPHRAGM D3 JL1-JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	630	78.50	11.4	11	SM400A		
1	FLG	PL	230* 10	168	78.50	3.03	3	SM400A		
2	FLG	PL	111* 10	2546	78.50	22.2	44	SM400A		
1	WEB	PL	788* 9	609	70.65	18.6	19	SM400A	55	
1	WEB	PL	803* 9	168	70.65	9.53	10	SM400A		
2	D-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	DIA	PL	2989* 9	2730	70.65	346	346	SM400A	60	
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	100* 10	1397	78.50	11.0	22	SM400A		
2	D-STF	PL	110* 10	800	78.50	6.91	14	SM400A		
JL1-JL2										
497 kg										

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APPROACH BRIDGE DIAPHRAGM D3 JL2-JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1285	78.50	23.2	23	SM400A		
1	WEB	PL	800* 9	1301	70.65	62.5	62	SM400A	85	
1	VSTF	PL	90* 9	503	70.65	3.20	3	SM400A		
JL2-JL3							88 kg			

APPROACH BRIDGE DIAPHRAGM D3 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
2	FLG	PL	111* 10	2691	78.50	23.4	47	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
2	D-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	DIA	PL	2690* 9	2727	70.65	415	415	SM400A	80	
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	110* 10	800	78.50	6.91	14	SM400A		
JL3-JL4							556 kg			

APPROACH BRIDGE DIAPHRAGM D3 JL4-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	2936	78.50	53.0	53	SM400A		
1	WEB	PL	829* 9	2935	70.65	146	146	SM400A	85	
2	VSTF	PL	90* 9	780	70.65	4.96	10	SM400A		
JL4-JL5							209 kg			

APPROACH BRIDGE DIAPHRAGM D3 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
2	FLG	PL	111* 10	2691	78.50	23.4	47	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
2	D-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		

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1	DIA	PL	2690* 9	2727	70.65	415	415	SM400A	80	
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	110* 10	800	78.50	6.91	14	SM400A		
JL5-JL6							556 kg			

APPROACH BRIDGE DIAPHRAGM D3 JL6-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1895	78.50	34.2	34	SM400A		
1	FLG	PL	230* 10	1915	78.50	34.6	35	SM400A		
1	FLG	PL	230* 10	2845	78.50	51.4	51	SM400A		
1	WEB	PL	800* 9	1911	70.65	91.8	92	SM400A	85	
1	WEB	PL	800* 9	1931	70.65	92.8	93	SM400A	85	
1	WEB	PL	800* 9	2860	70.65	137	137	SM400A	85	
1	VSTF	PL	90* 9	503	70.65	3.20	3	SM400A		
2	VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
2	VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
JL6-JL7							457 kg			

APPROACH BRIDGE DIAPHRAGM D3 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	173	78.50	3.12	3	SM400A		
1	FLG	PL	230* 10	630	78.50	11.4	11	SM400A		
2	FLG	PL	111* 10	2546	78.50	22.2	44	SM400A		
1	WEB	PL	803* 9	168	70.65	9.53	10	SM400A		
1	WEB	PL	788* 9	609	70.65	18.6	19	SM400A	55	
2	D-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	DIA	PL	2989* 9	2730	70.65	346	346	SM400A	60	
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	110* 10	800	78.50	6.91	14	SM400A		
JL7-JL8							497 kg			

APPROACH BRIDGE DIAPHRAGM D3 JL8-RR1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1021	78.50	18.4	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		

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JL8-RR1		53 kg
D3		2966 kg

APPROACH BRIDGE DIAPHRAGM D4 LL1-JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1021	78.50	18.4	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		
LL1-JL1								53 kg		

APPROACH BRIDGE DIAPHRAGM D4 JL1-JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	630	78.50	11.4	11	SM400A		
1	FLG	PL	230* 10	168	78.50	3.03	3	SM400A		
2	FLG	PL	111* 10	2546	78.50	22.2	44	SM400A		
1	WEB	PL	788* 9	609	70.65	18.6	19	SM400A	55	
1	WEB	PL	803* 9	168	70.65	9.53	10	SM400A		
2	D-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	DIA	PL	2989* 9	2730	70.65	346	346	SM400A	60	
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	100* 10	1397	78.50	11.0	22	SM400A		
2	D-STF	PL	110* 10	800	78.50	6.91	14	SM400A		
JL1-JL2								497 kg		

APPROACH BRIDGE DIAPHRAGM D4 JL2-JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1285	78.50	23.2	23	SM400A		
1	WEB	PL	800* 9	1301	70.65	62.5	62	SM400A	85	
1	VSTF	PL	90* 9	503	70.65	3.20	3	SM400A		
JL2-JL3								88 kg		

APPROACH BRIDGE DIAPHRAGM D4 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		

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2	FLG	PL	111* 10	2691	78.50	23.4	47	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
2	D-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	DIA	PL	2690* 9	2727	70.65	415	415	SM400A	80	
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	110* 10	800	78.50	6.91	14	SM400A		
JL3-JL4								556 kg		

APPROACH BRIDGE DIAPHRAGM D4 JL4-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	2936	78.50	53.0	53	SM400A		
1	WEB	PL	829* 9	2935	70.65	146	146	SM400A	85	
2	VSTF	PL	90* 9	780	70.65	4.96	10	SM400A		
JL4-JL5								209 kg		

APPROACH BRIDGE DIAPHRAGM D4 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
2	FLG	PL	111* 10	2691	78.50	23.4	47	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
2	D-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	DIA	PL	2690* 9	2727	70.65	415	415	SM400A	80	
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	110* 10	800	78.50	6.91	14	SM400A		
JL5-JL6								556 kg		

APPROACH BRIDGE DIAPHRAGM D4 JL6-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1895	78.50	34.2	34	SM400A		
1	FLG	PL	230* 10	1915	78.50	34.6	35	SM400A		
1	FLG	PL	230* 10	2432	78.50	43.9	44	SM400A		
1	WEB	PL	800* 9	1911	70.65	91.8	92	SM400A	85	
1	WEB	PL	800* 9	1931	70.65	92.8	93	SM400A	85	

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1	WEB	PL	800* 9	2447	70.65	118	118	SM400A	85	
1	VSTF	PL	90* 9	503	70.65	3.20	3	SM400A		
2	VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
2	VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
JL6-JL7							431 kg			

APPROACH BRIDGE DIAPHRAGM D4 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	172	78.50	3.11	3	SM400A		
1	FLG	PL	230* 10	630	78.50	11.4	11	SM400A		
2	FLG	PL	111* 10	2546	78.50	22.2	44	SM400A		
1	WEB	PL	803* 9	168	70.65	9.53	10	SM400A		
1	WEB	PL	788* 9	609	70.65	18.6	19	SM400A	55	
2	D-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	DIA	PL	2989* 9	2730	70.65	346	346	SM400A	60	
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	110* 10	800	78.50	6.91	14	SM400A		
JL7-JL8							497 kg			

APPROACH BRIDGE DIAPHRAGM D4 JL8-RR1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1021	78.50	18.4	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		
JL8-RR1							53 kg			
D4							2940 kg			

APPROACH BRIDGE DIAPHRAGM D5 LL1-JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1021	78.50	18.4	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		
LL1-JL1							53 kg			

APPROACH BRIDGE DIAPHRAGM D5 JL1-JL2										
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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	630	78.50	11.4	11	SM400A		
1	FLG	PL	230* 10	168	78.50	3.03	3	SM400A		
2	FLG	PL	111* 10	2546	78.50	22.2	44	SM400A		
1	WEB	PL	788* 9	609	70.65	18.6	19	SM400A	55	
1	WEB	PL	803* 9	168	70.65	9.53	10	SM400A		
2	D-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	DIA	PL	2989* 9	2730	70.65	346	346	SM400A	60	
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	100* 10	1397	78.50	11.0	22	SM400A		
2	D-STF	PL	110* 10	800	78.50	6.91	14	SM400A		
JL1-JL2							497 kg			

APPROACH BRIDGE DIAPHRAGM D5 JL2-JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1285	78.50	23.2	23	SM400A		
1	WEB	PL	800* 9	1301	70.65	62.5	62	SM400A	85	
1	VSTF	PL	90* 9	503	70.65	3.20	3	SM400A		
JL2-JL3							88 kg			

APPROACH BRIDGE DIAPHRAGM D5 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
2	FLG	PL	111* 10	2691	78.50	23.4	47	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
2	D-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	DIA	PL	2690* 9	2727	70.65	415	415	SM400A	80	
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	110* 10	800	78.50	6.91	14	SM400A		
JL3-JL4							556 kg			

APPROACH BRIDGE DIAPHRAGM D5 JL4-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	2936	78.50	53.0	53	SM400A		

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1	WEB	PL	829* 9	2935	70.65	146	146	SM400A	85	
2	VSTF	PL	90* 9	780	70.65	4.96	10	SM400A		
JL4-JL5							209 kg			

APPROACH BRIDGE DIAPHRAGM D5 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
2	FLG	PL	111* 10	2691	78.50	23.4	47	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
2	D-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	DIA	PL	2690* 9	2727	70.65	415	415	SM400A	80	
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	110* 10	800	78.50	6.91	14	SM400A		
JL5-JL6							556 kg			

APPROACH BRIDGE DIAPHRAGM D5 JL6-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1895	78.50	34.2	34	SM400A		
1	FLG	PL	230* 10	1915	78.50	34.6	35	SM400A		
1	FLG	PL	230* 10	2064	78.50	37.3	37	SM400A		
1	WEB	PL	800* 9	1911	70.65	91.8	92	SM400A	85	
1	WEB	PL	800* 9	1931	70.65	92.8	93	SM400A	85	
1	WEB	PL	800* 9	2079	70.65	99.9	100	SM400A	85	
1	VSTF	PL	90* 9	503	70.65	3.20	3	SM400A		
2	VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
2	VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
JL6-JL7							406 kg			

APPROACH BRIDGE DIAPHRAGM D5 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	172	78.50	3.11	3	SM400A		
1	FLG	PL	230* 10	630	78.50	11.4	11	SM400A		
2	FLG	PL	111* 10	2546	78.50	22.2	44	SM400A		
1	WEB	PL	803* 9	168	70.65	9.53	10	SM400A		
1	WEB	PL	788* 9	609	70.65	18.6	19	SM400A	55	

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2	D-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	DIA	PL	2989* 9	2730	70.65	346	346	SM400A	60	
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	110* 10	800	78.50	6.91	14	SM400A		
							JL7-JL8			
							497 kg			

APPROACH BRIDGE DIAPHRAGM D5 JL8-RR1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1021	78.50	18.4	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		
							JL8-RR1			
							53 kg			
							D5			
							2915 kg			

APPROACH BRIDGE DIAPHRAGM D6 LL1-JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1021	78.50	18.4	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		
							LL1-JL1			
							53 kg			

APPROACH BRIDGE DIAPHRAGM D6 JL1-JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	630	78.50	11.4	11	SM400A		
1	FLG	PL	230* 10	168	78.50	3.03	3	SM400A		
2	FLG	PL	111* 10	2546	78.50	22.2	44	SM400A		
1	WEB	PL	788* 9	609	70.65	18.6	19	SM400A	55	
1	WEB	PL	803* 9	168	70.65	9.53	10	SM400A		
2	D-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	DIA	PL	2989* 9	2730	70.65	346	346	SM400A	60	
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	100* 10	1397	78.50	11.0	22	SM400A		
2	D-STF	PL	110* 10	800	78.50	6.91	14	SM400A		
							JL1-JL2			
							497 kg			

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APPROACH BRIDGE DIAPHRAGM D6 JL2-JL3											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	FLG	PL	230* 10	1285	78.50	23.2	23	SM400A			
1	WEB	PL	800* 9	1301	70.65	62.5	62	SM400A	85		
1	VSTF	PL	90* 9	503	70.65	3.20	3	SM400A			
							JL2-JL3				88 kg

APPROACH BRIDGE DIAPHRAGM D6 JL3-JL4											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A			
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A			
2	FLG	PL	111* 10	2691	78.50	23.4	47	SM400A			
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A			
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A			
2	D-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A			
1	DIA	PL	2690* 9	2727	70.65	415	415	SM400A	80		
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A			
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A			
2	D-STF	PL	110* 10	800	78.50	6.91	14	SM400A			
							JL3-JL4				556 kg

APPROACH BRIDGE DIAPHRAGM D6 JL4-JL5											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	FLG	PL	230* 10	2936	78.50	53.0	53	SM400A			
1	WEB	PL	829* 9	2935	70.65	146	146	SM400A	85		
2	VSTF	PL	90* 9	780	70.65	4.96	10	SM400A			
							JL4-JL5				209 kg

APPROACH BRIDGE DIAPHRAGM D6 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
2	FLG	PL	111* 10	2691	78.50	23.4	47	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
2	D-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	DIA	PL	2690* 9	2727	70.65	415	415	SM400A	80	

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2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	110* 10	800	78.50	6.91	14	SM400A		
JL5-JL6							556 kg			

APPROACH BRIDGE DIAPHRAGM D6 JL6-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1895	78.50	34.2	34	SM400A		
1	FLG	PL	230* 10	1915	78.50	34.6	35	SM400A		
1	FLG	PL	230* 10	1740	78.50	31.4	31	SM400A		
1	WEB	PL	800* 9	1911	70.65	91.8	92	SM400A	85	
1	WEB	PL	800* 9	1931	70.65	92.8	93	SM400A	85	
1	WEB	PL	800* 9	1755	70.65	84.3	84	SM400A	85	
1	VSTF	PL	90* 9	503	70.65	3.20	3	SM400A		
2	VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	VSTF	PL	90* 9	503	70.65	3.20	3	SM400A		
JL6-JL7							381 kg			

APPROACH BRIDGE DIAPHRAGM D6 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	171	78.50	3.09	3	SM400A		
1	FLG	PL	230* 10	630	78.50	11.4	11	SM400A		
2	FLG	PL	111* 10	2546	78.50	22.2	44	SM400A		
1	WEB	PL	803* 9	168	70.65	9.53	10	SM400A		
1	WEB	PL	788* 9	609	70.65	18.6	19	SM400A	55	
2	D-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	DIA	PL	2989* 9	2730	70.65	346	346	SM400A	60	
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	110* 10	800	78.50	6.91	14	SM400A		
JL7-JL8							497 kg			

APPROACH BRIDGE DIAPHRAGM D6 JL8-RR1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1021	78.50	18.4	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		

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JL8-RR1		53 kg
D6		2890 kg

APPROACH BRIDGE DIAPHRAGM D7 LL1-JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1021	78.50	18.4	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		
LL1-JL1							53 kg			

APPROACH BRIDGE DIAPHRAGM D7 JL1-JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	630	78.50	11.4	11	SM400A		
1	FLG	PL	230* 10	168	78.50	3.03	3	SM400A		
2	FLG	PL	111* 10	2546	78.50	22.2	44	SM400A		
1	WEB	PL	788* 9	609	70.65	18.6	19	SM400A	55	
1	WEB	PL	803* 9	168	70.65	9.53	10	SM400A		
2	D-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	DIA	PL	2989* 9	2730	70.65	346	346	SM400A	60	
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	100* 10	1397	78.50	11.0	22	SM400A		
2	D-STF	PL	110* 10	800	78.50	6.91	14	SM400A		
JL1-JL2							497 kg			

APPROACH BRIDGE DIAPHRAGM D7 JL2-JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1285	78.50	23.2	23	SM400A		
1	WEB	PL	800* 9	1301	70.65	62.5	62	SM400A	85	
1	VSTF	PL	90* 9	503	70.65	3.20	3	SM400A		
JL2-JL3							88 kg			

APPROACH BRIDGE DIAPHRAGM D7 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
2	FLG	PL	111* 10	2691	78.50	23.4	47	SM400A		

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1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
2	D-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	DIA	PL	2690* 9	2727	70.65	415	415	SM400A	80	
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	110* 10	800	78.50	6.91	14	SM400A		
JL3-JL4								556 kg		

APPROACH BRIDGE DIAPHRAGM D7 JL4-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	2936	78.50	53.0	53	SM400A		
1	WEB	PL	829* 9	2935	70.65	146	146	SM400A	85	
2	VSTF	PL	90* 9	780	70.65	4.96	10	SM400A		
JL4-JL5								209 kg		

APPROACH BRIDGE DIAPHRAGM D7 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
2	FLG	PL	111* 10	2691	78.50	23.4	47	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
2	D-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	DIA	PL	2690* 9	2727	70.65	415	415	SM400A	80	
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	110* 10	800	78.50	6.91	14	SM400A		
JL5-JL6								556 kg		

APPROACH BRIDGE DIAPHRAGM D7 JL6-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1895	78.50	34.2	34	SM400A		
1	FLG	PL	230* 10	1915	78.50	34.6	35	SM400A		
1	FLG	PL	230* 10	1460	78.50	26.4	26	SM400A		
1	WEB	PL	800* 9	1911	70.65	91.8	92	SM400A	85	
1	WEB	PL	800* 9	1931	70.65	92.8	93	SM400A	85	
1	WEB	PL	800* 9	1476	70.65	70.9	71	SM400A	85	

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1	VSTF	PL	90* 9	503	70.65	3.20	3	SM400A		
2	VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	VSTF	PL	90* 9	503	70.65	3.20	3	SM400A		
							JL6-JL7			
							363 kg			

APPROACH BRIDGE DIAPHRAGM D7 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	171	78.50	3.09	3	SM400A		
1	FLG	PL	230* 10	630	78.50	11.4	11	SM400A		
2	FLG	PL	111* 10	2546	78.50	22.2	44	SM400A		
1	WEB	PL	803* 9	168	70.65	9.53	10	SM400A		
1	WEB	PL	788* 9	609	70.65	18.6	19	SM400A	55	
2	D-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	DIA	PL	2989* 9	2730	70.65	346	346	SM400A	60	
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	110* 10	800	78.50	6.91	14	SM400A		
							JL7-JL8			
							497 kg			

APPROACH BRIDGE DIAPHRAGM D7 JL8-RR1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1021	78.50	18.4	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		
							JL8-RR1			
							53 kg			
							D7			
							2872 kg			

APPROACH BRIDGE DIAPHRAGM D8 LL1-JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1021	78.50	18.4	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		
							LL1-JL1			
							53 kg			

APPROACH BRIDGE DIAPHRAGM D8 JL1-JL2										

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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	627	78.50	11.3	11	SM400A		
1	FLG	PL	230* 10	166	78.50	3.00	3	SM400A		
2	FLG	PL	111* 10	2546	78.50	22.2	44	SM400A		
1	WEB	PL	787* 9	606	70.65	18.5	18	SM400A	55	
1	WEB	PL	803* 9	166	70.65	9.42	9	SM400A		
2	D-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	DIA	PL	2989* 9	2730	70.65	346	346	SM400A	60	
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	100* 10	1397	78.50	11.0	22	SM400A		
2	D-STF	PL	110* 10	800	78.50	6.91	14	SM400A		
JL1-JL2							495 kg			

APPROACH BRIDGE DIAPHRAGM D8 JL2-JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1285	78.50	23.2	23	SM400A		
1	WEB	PL	800* 9	1301	70.65	62.5	62	SM400A	85	
1	VSTF	PL	90* 9	503	70.65	3.20	3	SM400A		
JL2-JL3							88 kg			

APPROACH BRIDGE DIAPHRAGM D8 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
2	FLG	PL	111* 10	2691	78.50	23.4	47	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
2	D-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	DIA	PL	2690* 9	2727	70.65	415	415	SM400A	80	
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	110* 10	800	78.50	6.91	14	SM400A		
JL3-JL4							556 kg			

APPROACH BRIDGE DIAPHRAGM D8 JL4-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	2936	78.50	53.0	53	SM400A		
1	WEB	PL	829* 9	2935	70.65	146	146	SM400A	85	

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2	VSTF	PL	90* 9	780	70.65	4.96	10	SM400A		
JL4-JL5							209 kg			

APPROACH BRIDGE DIAPHRAGM D8 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
2	FLG	PL	111* 10	2691	78.50	23.4	47	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
2	D-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	DIA	PL	2690* 9	2727	70.65	415	415	SM400A	80	
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	110* 10	800	78.50	6.91	14	SM400A		
JL5-JL6							556 kg			

APPROACH BRIDGE DIAPHRAGM D8 JL6-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1895	78.50	34.2	34	SM400A		
1	FLG	PL	230* 10	3148	78.50	56.8	57	SM400A		
1	WEB	PL	800* 9	1911	70.65	91.8	92	SM400A	85	
1	WEB	PL	800* 9	3163	70.65	152	152	SM400A	85	
1	VSTF	PL	90* 9	503	70.65	3.20	3	SM400A		
3	VSTF	PL	90* 9	503	70.65	3.20	10	SM400A		
JL6-JL7							348 kg			

APPROACH BRIDGE DIAPHRAGM D8 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	168	78.50	3.03	3	SM400A		
1	FLG	PL	230* 10	627	78.50	11.3	11	SM400A		
2	FLG	PL	111* 10	2546	78.50	22.2	44	SM400A		
1	WEB	PL	803* 9	166	70.65	9.42	9	SM400A		
1	WEB	PL	787* 9	606	70.65	18.5	18	SM400A	55	
2	D-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	DIA	PL	2989* 9	2730	70.65	346	346	SM400A	60	
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		

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2	D-STF	PL	110* 10	800	78.50	6.91	14	SM400A			
							JL7-JL8	495 kg			

APPROACH BRIDGE DIAPHRAGM D8 JL8-RR1											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	FLG	PL	230* 10	1021	78.50	18.4	18	SM400A			
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65		
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A			
							JL8-RR1	53 kg			
							D8	2853 kg			

APPROACH BRIDGE DIAPHRAGM D9 LL1-JL1											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	FLG	PL	230* 10	1021	78.50	18.4	18	SM400A			
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65		
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A			
							LL1-JL1	53 kg			

APPROACH BRIDGE DIAPHRAGM D9 JL1-JL2											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	FLG	PL	230* 10	627	78.50	11.3	11	SM400A			
1	FLG	PL	230* 10	166	78.50	3.00	3	SM400A			
2	FLG	PL	111* 10	2546	78.50	22.2	44	SM400A			
1	WEB	PL	787* 9	606	70.65	18.5	18	SM400A	55		
1	WEB	PL	803* 9	166	70.65	9.42	9	SM400A			
2	D-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A			
1	DIA	PL	2989* 9	2730	70.65	346	346	SM400A	60		
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A			
2	D-STF	PL	100* 10	1397	78.50	11.0	22	SM400A			
2	D-STF	PL	110* 10	800	78.50	6.91	14	SM400A			
							JL1-JL2	495 kg			

APPROACH BRIDGE DIAPHRAGM D9 JL2-JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1285	78.50	23.2	23	SM400A		

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1	WEB	PL	800* 9	1301	70.65	62.5	62	SM400A	85	
1	VSTF	PL	90* 9	503	70.65	3.20	3	SM400A		
JL2-JL3							88 kg			

APPROACH BRIDGE DIAPHRAGM D9 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
2	FLG	PL	111* 10	2691	78.50	23.4	47	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
2	D-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	DIA	PL	2690* 9	2727	70.65	415	415	SM400A	80	
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	110* 10	800	78.50	6.91	14	SM400A		
JL3-JL4							556 kg			

APPROACH BRIDGE DIAPHRAGM D9 JL4-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	2936	78.50	53.0	53	SM400A		
1	WEB	PL	829* 9	2935	70.65	146	146	SM400A	85	
2	VSTF	PL	90* 9	780	70.65	4.96	10	SM400A		
JL4-JL5							209 kg			

APPROACH BRIDGE DIAPHRAGM D9 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
2	FLG	PL	111* 10	2691	78.50	23.4	47	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
2	D-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	DIA	PL	2690* 9	2727	70.65	415	415	SM400A	80	
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	110* 10	800	78.50	6.91	14	SM400A		

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JL5-JL6	556 kg
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APPROACH BRIDGE DIAPHRAGM D9 JL6-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1895	78.50	34.2	34	SM400A		
1	FLG	PL	230* 10	2959	78.50	53.4	53	SM400A		
1	WEB	PL	800* 9	1911	70.65	91.8	92	SM400A	85	
1	WEB	PL	800* 9	2974	70.65	143	143	SM400A	85	
1	VSTF	PL	90* 9	503	70.65	3.20	3	SM400A		
3	VSTF	PL	90* 9	503	70.65	3.20	10	SM400A		
JL6-JL7							335 kg			

APPROACH BRIDGE DIAPHRAGM D9 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	168	78.50	3.03	3	SM400A		
1	FLG	PL	230* 10	627	78.50	11.3	11	SM400A		
2	FLG	PL	111* 10	2546	78.50	22.2	44	SM400A		
1	WEB	PL	803* 9	166	70.65	9.42	9	SM400A		
1	WEB	PL	787* 9	606	70.65	18.5	18	SM400A	55	
2	D-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	DIA	PL	2989* 9	2730	70.65	346	346	SM400A	60	
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	110* 10	800	78.50	6.91	14	SM400A		
JL7-JL8							495 kg			

APPROACH BRIDGE DIAPHRAGM D9 JL8-RR1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1021	78.50	18.4	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		
JL8-RR1							53 kg			
D9							2840 kg			

APPROACH BRIDGE DIAPHRAGM D10 LL1-JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks

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1	FLG	PL	230* 10	1021	78.50	18.4	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		
LL1-JL1								53 kg		

APPROACH BRIDGE DIAPHRAGM D10 JL1-JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	630	78.50	11.4	11	SM400A		
1	FLG	PL	230* 10	168	78.50	3.03	3	SM400A		
2	FLG	PL	111* 10	2546	78.50	22.2	44	SM400A		
1	WEB	PL	788* 9	609	70.65	18.6	19	SM400A	55	
1	WEB	PL	803* 9	168	70.65	9.53	10	SM400A		
2	D-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	DIA	PL	2989* 9	2730	70.65	346	346	SM400A	60	
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	100* 10	1397	78.50	11.0	22	SM400A		
2	D-STF	PL	110* 10	800	78.50	6.91	14	SM400A		
JL1-JL2								497 kg		

APPROACH BRIDGE DIAPHRAGM D10 JL2-JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1285	78.50	23.2	23	SM400A		
1	WEB	PL	800* 9	1301	70.65	62.5	62	SM400A	85	
1	VSTF	PL	90* 9	503	70.65	3.20	3	SM400A		
JL2-JL3								88 kg		

APPROACH BRIDGE DIAPHRAGM D10 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
2	FLG	PL	111* 10	2691	78.50	23.4	47	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
2	D-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	DIA	PL	2690* 9	2727	70.65	415	415	SM400A	80	
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	110* 10	800	78.50	6.91	14	SM400A		

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JL3-JL4		556 kg
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APPROACH BRIDGE DIAPHRAGM D10 JL4-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	2936	78.50	53.0	53	SM400A		
1	WEB	PL	829* 9	2935	70.65	146	146	SM400A	85	
2	VSTF	PL	90* 9	780	70.65	4.96	10	SM400A		
JL4-JL5		209 kg								

APPROACH BRIDGE DIAPHRAGM D10 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
2	FLG	PL	111* 10	2691	78.50	23.4	47	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
2	D-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	DIA	PL	2690* 9	2727	70.65	415	415	SM400A	80	
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	110* 10	800	78.50	6.91	14	SM400A		
JL5-JL6		556 kg								

APPROACH BRIDGE DIAPHRAGM D10 JL6-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1895	78.50	34.2	34	SM400A		
1	FLG	PL	230* 10	2811	78.50	50.8	51	SM400A		
1	WEB	PL	800* 9	1911	70.65	91.8	92	SM400A	85	
1	WEB	PL	800* 9	2827	70.65	136	136	SM400A	85	
1	VSTF	PL	90* 9	503	70.65	3.20	3	SM400A		
3	VSTF	PL	90* 9	503	70.65	3.20	10	SM400A		
JL6-JL7		326 kg								

APPROACH BRIDGE DIAPHRAGM D10 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		

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1	FLG	PL	230* 10	630	78.50	11.4	11	SM400A		
2	FLG	PL	111* 10	2546	78.50	22.2	44	SM400A		
1	WEB	PL	803* 9	168	70.65	9.53	10	SM400A		
1	WEB	PL	788* 9	609	70.65	18.6	19	SM400A	55	
2	D-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	DIA	PL	2989* 9	2730	70.65	346	346	SM400A	60	
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	110* 10	800	78.50	6.91	14	SM400A		
JL7-JL8								497 kg		

APPROACH BRIDGE DIAPHRAGM D10 JL8-RR1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1021	78.50	18.4	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		
JL8-RR1								53 kg		
D10								2835 kg		

APPROACH BRIDGE DIAPHRAGM D11 LL1-JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1021	78.50	18.4	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		
LL1-JL1								53 kg		

APPROACH BRIDGE DIAPHRAGM D11 JL1-JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	630	78.50	11.4	11	SM400A		
1	FLG	PL	230* 10	168	78.50	3.03	3	SM400A		
2	FLG	PL	111* 10	2546	78.50	22.2	44	SM400A		
1	WEB	PL	788* 9	609	70.65	18.6	19	SM400A	55	
1	WEB	PL	803* 9	168	70.65	9.53	10	SM400A		
2	D-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	DIA	PL	2989* 9	2730	70.65	346	346	SM400A	60	
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	100* 10	1397	78.50	11.0	22	SM400A		

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2	D-STF	PL	110* 10	800	78.50	6.91	14	SM400A			
							JL1-JL2	497 kg			

APPROACH BRIDGE DIAPHRAGM D11 JL2-JL3											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	FLG	PL	230* 10	1285	78.50	23.2	23	SM400A			
1	WEB	PL	800* 9	1301	70.65	62.5	62	SM400A	85		
1	VSTF	PL	90* 9	503	70.65	3.20	3	SM400A			
							JL2-JL3	88 kg			

APPROACH BRIDGE DIAPHRAGM D11 JL3-JL4											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A			
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A			
2	FLG	PL	111* 10	2691	78.50	23.4	47	SM400A			
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A			
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A			
2	D-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A			
1	DIA	PL	2690* 9	2727	70.65	415	415	SM400A	80		
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A			
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A			
2	D-STF	PL	110* 10	800	78.50	6.91	14	SM400A			
							JL3-JL4	556 kg			

APPROACH BRIDGE DIAPHRAGM D11 JL4-JL5											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	FLG	PL	230* 10	2936	78.50	53.0	53	SM400A			
1	WEB	PL	829* 9	2935	70.65	146	146	SM400A	85		
2	VSTF	PL	90* 9	780	70.65	4.96	10	SM400A			
							JL4-JL5	209 kg			

APPROACH BRIDGE DIAPHRAGM D11 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
2	FLG	PL	111* 10	2691	78.50	23.4	47	SM400A		

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1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
2	D-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	DIA	PL	2690* 9	2727	70.65	415	415	SM400A	80	
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	110* 10	800	78.50	6.91	14	SM400A		
JL5-JL6								556 kg		

APPROACH BRIDGE DIAPHRAGM D11 JL6-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1895	78.50	34.2	34	SM400A		
1	FLG	PL	230* 10	2708	78.50	48.9	49	SM400A		
1	WEB	PL	800* 9	1911	70.65	91.8	92	SM400A	85	
1	WEB	PL	800* 9	2723	70.65	131	131	SM400A	85	
1	VSTF	PL	90* 9	503	70.65	3.20	3	SM400A		
3	VSTF	PL	90* 9	503	70.65	3.20	10	SM400A		
JL6-JL7								319 kg		

APPROACH BRIDGE DIAPHRAGM D11 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	630	78.50	11.4	11	SM400A		
2	FLG	PL	111* 10	2546	78.50	22.2	44	SM400A		
1	WEB	PL	803* 9	168	70.65	9.53	10	SM400A		
1	WEB	PL	788* 9	609	70.65	18.6	19	SM400A	55	
2	D-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	DIA	PL	2989* 9	2730	70.65	346	346	SM400A	60	
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	110* 10	800	78.50	6.91	14	SM400A		
JL7-JL8								497 kg		

APPROACH BRIDGE DIAPHRAGM D11 JL8-RR1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1021	78.50	18.4	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		

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JL8-RR1		53 kg
D11		2828 kg

APPROACH BRIDGE DIAPHRAGM D12 LL1-JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1021	78.50	18.4	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		
LL1-JL1							53 kg			

APPROACH BRIDGE DIAPHRAGM D12 JL1-JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	630	78.50	11.4	11	SM400A		
1	FLG	PL	230* 10	168	78.50	3.03	3	SM400A		
2	FLG	PL	111* 10	2546	78.50	22.2	44	SM400A		
1	WEB	PL	788* 9	609	70.65	18.6	19	SM400A	55	
1	WEB	PL	803* 9	168	70.65	9.53	10	SM400A		
2	D-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	DIA	PL	2989* 9	2730	70.65	346	346	SM400A	60	
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	100* 10	1397	78.50	11.0	22	SM400A		
2	D-STF	PL	110* 10	800	78.50	6.91	14	SM400A		
JL1-JL2							497 kg			

APPROACH BRIDGE DIAPHRAGM D12 JL2-JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1285	78.50	23.2	23	SM400A		
1	WEB	PL	800* 9	1301	70.65	62.5	62	SM400A	85	
1	VSTF	PL	90* 9	503	70.65	3.20	3	SM400A		
JL2-JL3							88 kg			

APPROACH BRIDGE DIAPHRAGM D12 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		

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2	FLG	PL	111* 10	2691	78.50	23.4	47	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
2	D-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	DIA	PL	2690* 9	2727	70.65	415	415	SM400A	80	
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	110* 10	800	78.50	6.91	14	SM400A		
JL3-JL4								556 kg		

APPROACH BRIDGE DIAPHRAGM D12 JL4-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	2936	78.50	53.0	53	SM400A		
1	WEB	PL	829* 9	2935	70.65	146	146	SM400A	85	
2	VSTF	PL	90* 9	780	70.65	4.96	10	SM400A		
JL4-JL5								209 kg		

APPROACH BRIDGE DIAPHRAGM D12 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
2	FLG	PL	111* 10	2691	78.50	23.4	47	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
2	D-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	DIA	PL	2690* 9	2727	70.65	415	415	SM400A	80	
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	110* 10	800	78.50	6.91	14	SM400A		
JL5-JL6								556 kg		

APPROACH BRIDGE DIAPHRAGM D12 JL6-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1895	78.50	34.2	34	SM400A		
1	FLG	PL	230* 10	2650	78.50	47.8	48	SM400A		
1	WEB	PL	800* 9	1911	70.65	91.8	92	SM400A	85	
1	WEB	PL	800* 9	2665	70.65	128	128	SM400A	85	
1	VSTF	PL	90* 9	503	70.65	3.20	3	SM400A		

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3	VSTF	PL	90* 9	503	70.65	3.20	10	SM400A			
JL6-JL7							315 kg				

APPROACH BRIDGE DIAPHRAGM D12 JL7-JL8											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	FLG	PL	230* 10	168	78.50	3.03	3	SM400A			
1	FLG	PL	230* 10	630	78.50	11.4	11	SM400A			
2	FLG	PL	111* 10	2546	78.50	22.2	44	SM400A			
1	WEB	PL	803* 9	168	70.65	9.53	10	SM400A			
1	WEB	PL	788* 9	609	70.65	18.6	19	SM400A	55		
2	D-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A			
1	DIA	PL	2989* 9	2730	70.65	346	346	SM400A	60		
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A			
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A			
2	D-STF	PL	110* 10	800	78.50	6.91	14	SM400A			
JL7-JL8							497 kg				

APPROACH BRIDGE DIAPHRAGM D12 JL8-RR1											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	FLG	PL	230* 10	1021	78.50	18.4	18	SM400A			
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65		
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A			
JL8-RR1							53 kg				
D12							2824 kg				

APPROACH BRIDGE DIAPHRAGM D13 LL1-JL1											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	FLG	PL	230* 10	1021	78.50	18.4	18	SM400A			
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65		
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A			
LL1-JL1							53 kg				

APPROACH BRIDGE DIAPHRAGM D13 JL1-JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	630	78.50	11.4	11	SM400A		

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1	FLG	PL	230* 10	168	78.50	3.03	3	SM400A		
2	FLG	PL	111* 10	2546	78.50	22.2	44	SM400A		
1	WEB	PL	788* 9	609	70.65	18.6	19	SM400A	55	
1	WEB	PL	803* 9	168	70.65	9.53	10	SM400A		
2	D-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	DIA	PL	2989* 9	2730	70.65	346	346	SM400A	60	
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	100* 10	1397	78.50	11.0	22	SM400A		
2	D-STF	PL	110* 10	800	78.50	6.91	14	SM400A		
JL1-JL2								497 kg		

APPROACH BRIDGE DIAPHRAGM D13 JL2-JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1285	78.50	23.2	23	SM400A		
1	WEB	PL	800* 9	1301	70.65	62.5	62	SM400A	85	
1	VSTF	PL	90* 9	503	70.65	3.20	3	SM400A		
JL2-JL3								88 kg		

APPROACH BRIDGE DIAPHRAGM D13 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
2	FLG	PL	111* 10	2691	78.50	23.4	47	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
2	D-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	DIA	PL	2690* 9	2727	70.65	415	415	SM400A	80	
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	110* 10	800	78.50	6.91	14	SM400A		
JL3-JL4								556 kg		

APPROACH BRIDGE DIAPHRAGM D13 JL4-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	2936	78.50	53.0	53	SM400A		
1	WEB	PL	829* 9	2935	70.65	146	146	SM400A	85	
2	VSTF	PL	90* 9	780	70.65	4.96	10	SM400A		

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JL4-JL5	209 kg
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APPROACH BRIDGE DIAPHRAGM D13 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
2	FLG	PL	111* 10	2691	78.50	23.4	47	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
2	D-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	DIA	PL	2690* 9	2727	70.65	415	415	SM400A	80	
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	110* 10	800	78.50	6.91	14	SM400A		
JL5-JL6							556 kg			

APPROACH BRIDGE DIAPHRAGM D13 JL6-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1895	78.50	34.2	34	SM400A		
1	FLG	PL	230* 10	2635	78.50	47.6	48	SM400A		
1	WEB	PL	800* 9	1911	70.65	91.8	92	SM400A	85	
1	WEB	PL	800* 9	2651	70.65	127	127	SM400A	85	
1	VSTF	PL	90* 9	503	70.65	3.20	3	SM400A		
3	VSTF	PL	90* 9	503	70.65	3.20	10	SM400A		
JL6-JL7							314 kg			

APPROACH BRIDGE DIAPHRAGM D13 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	168	78.50	3.03	3	SM400A		
1	FLG	PL	230* 10	630	78.50	11.4	11	SM400A		
2	FLG	PL	111* 10	2546	78.50	22.2	44	SM400A		
1	WEB	PL	803* 9	168	70.65	9.53	10	SM400A		
1	WEB	PL	788* 9	609	70.65	18.6	19	SM400A	55	
2	D-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	DIA	PL	2989* 9	2730	70.65	346	346	SM400A	60	
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	110* 10	800	78.50	6.91	14	SM400A		

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JL7-JL8	497 kg
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APPROACH BRIDGE DIAPHRAGM D13 JL8-RR1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1021	78.50	18.4	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		
JL8-RR1							53 kg			
D13							2823 kg			

APPROACH BRIDGE DIAPHRAGM D14 LL1-JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1021	78.50	18.4	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		
LL1-JL1							53 kg			

APPROACH BRIDGE DIAPHRAGM D14 JL1-JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	630	78.50	11.4	11	SM400A		
1	FLG	PL	230* 10	168	78.50	3.03	3	SM400A		
2	FLG	PL	111* 10	2546	78.50	22.2	44	SM400A		
1	WEB	PL	788* 9	609	70.65	18.6	19	SM400A	55	
1	WEB	PL	803* 9	168	70.65	9.53	10	SM400A		
2	D-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	DIA	PL	2989* 9	2730	70.65	346	346	SM400A	60	
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	100* 10	1397	78.50	11.0	22	SM400A		
2	D-STF	PL	110* 10	800	78.50	6.91	14	SM400A		
JL1-JL2							497 kg			

APPROACH BRIDGE DIAPHRAGM D14 JL2-JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1285	78.50	23.2	23	SM400A		
1	WEB	PL	800* 9	1301	70.65	62.5	62	SM400A	85	
1	VSTF	PL	90* 9	503	70.65	3.20	3	SM400A		

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JL2-JL3	88 kg
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APPROACH BRIDGE DIAPHRAGM D14 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
2	FLG	PL	111* 10	2691	78.50	23.4	47	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
2	D-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	DIA	PL	2690* 9	2727	70.65	415	415	SM400A	80	
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	110* 10	800	78.50	6.91	14	SM400A		
JL3-JL4							556 kg			

APPROACH BRIDGE DIAPHRAGM D14 JL4-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	2936	78.50	53.0	53	SM400A		
1	WEB	PL	829* 9	2935	70.65	146	146	SM400A	85	
2	VSTF	PL	90* 9	780	70.65	4.96	10	SM400A		
JL4-JL5							209 kg			

APPROACH BRIDGE DIAPHRAGM D14 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
2	FLG	PL	111* 10	2691	78.50	23.4	47	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
2	D-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	DIA	PL	2690* 9	2727	70.65	415	415	SM400A	80	
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	110* 10	800	78.50	6.91	14	SM400A		
JL5-JL6							556 kg			

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APPROACH BRIDGE DIAPHRAGM D14 JL6-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1895	78.50	34.2	34	SM400A		
1	FLG	PL	230* 10	2181	78.50	39.4	39	SM400A		
1	WEB	PL	800* 9	1911	70.65	91.8	92	SM400A	85	
1	WEB	PL	800* 9	2197	70.65	106	106	SM400A	85	
1	VSTF	PL	90* 9	503	70.65	3.20	3	SM400A		
3	VSTF	PL	90* 9	503	70.65	3.20	10	SM400A		
JL6-JL7							284 kg			

APPROACH BRIDGE DIAPHRAGM D14 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	176	78.50	3.18	3	SM400A		
1	FLG	PL	230* 10	630	78.50	11.4	11	SM400A		
2	FLG	PL	111* 10	2546	78.50	22.2	44	SM400A		
1	WEB	PL	803* 9	168	70.65	9.53	10	SM400A		
1	WEB	PL	788* 9	609	70.65	18.6	19	SM400A	55	
2	D-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	DIA	PL	2989* 9	2730	70.65	346	346	SM400A	60	
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	110* 10	800	78.50	6.91	14	SM400A		
JL7-JL8							497 kg			

APPROACH BRIDGE DIAPHRAGM D14 JL8-RR1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1021	78.50	18.4	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		
JL8-RR1							53 kg			
D14							2793 kg			

APPROACH BRIDGE DIAPHRAGM D15 LL1-JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1021	78.50	18.4	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	

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1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		
LL1-JL1							53 kg			

APPROACH BRIDGE DIAPHRAGM D15 JL1-JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	630	78.50	11.4	11	SM400A		
1	FLG	PL	230* 10	168	78.50	3.03	3	SM400A		
2	FLG	PL	111* 10	2546	78.50	22.2	44	SM400A		
1	WEB	PL	788* 9	609	70.65	18.6	19	SM400A	55	
1	WEB	PL	803* 9	168	70.65	9.53	10	SM400A		
2	D-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	DIA	PL	2989* 9	2730	70.65	346	346	SM400A	60	
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	100* 10	1397	78.50	11.0	22	SM400A		
2	D-STF	PL	110* 10	800	78.50	6.91	14	SM400A		
JL1-JL2							497 kg			

APPROACH BRIDGE DIAPHRAGM D15 JL2-JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1285	78.50	23.2	23	SM400A		
1	WEB	PL	800* 9	1301	70.65	62.5	62	SM400A	85	
1	VSTF	PL	90* 9	503	70.65	3.20	3	SM400A		
JL2-JL3							88 kg			

APPROACH BRIDGE DIAPHRAGM D15 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
2	FLG	PL	111* 10	2691	78.50	23.4	47	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
2	D-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	DIA	PL	2690* 9	2727	70.65	415	415	SM400A	80	
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	110* 10	800	78.50	6.91	14	SM400A		
JL3-JL4							556 kg			

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APPROACH BRIDGE DIAPHRAGM D15 JL4-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	2936	78.50	53.0	53	SM400A		
1	WEB	PL	829* 9	2935	70.65	146	146	SM400A	85	
2	VSTF	PL	90* 9	780	70.65	4.96	10	SM400A		
JL4-JL5							209 kg			

APPROACH BRIDGE DIAPHRAGM D15 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
2	FLG	PL	111* 10	2691	78.50	23.4	47	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
2	D-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	DIA	PL	2690* 9	2727	70.65	415	415	SM400A	80	
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	110* 10	800	78.50	6.91	14	SM400A		
JL5-JL6							556 kg			

APPROACH BRIDGE DIAPHRAGM D15 JL6-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1895	78.50	34.2	34	SM400A		
1	FLG	PL	230* 10	1487	78.50	26.8	27	SM400A		
1	WEB	PL	800* 9	1911	70.65	91.8	92	SM400A	85	
1	WEB	PL	800* 9	1503	70.65	72.2	72	SM400A	85	
1	VSTF	PL	90* 9	503	70.65	3.20	3	SM400A		
3	VSTF	PL	90* 9	503	70.65	3.20	10	SM400A		
JL6-JL7							238 kg			

APPROACH BRIDGE DIAPHRAGM D15 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	176	78.50	3.18	3	SM400A		
1	FLG	PL	230* 10	630	78.50	11.4	11	SM400A		
2	FLG	PL	111* 10	2546	78.50	22.2	44	SM400A		

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1	WEB	PL	803* 9	168	70.65	9.53	10	SM400A		
1	WEB	PL	788* 9	609	70.65	18.6	19	SM400A	55	
2	D-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	DIA	PL	2989* 9	2730	70.65	346	346	SM400A	60	
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	110* 10	800	78.50	6.91	14	SM400A		
JL7-JL8								497 kg		

APPROACH BRIDGE DIAPHRAGM D15 JL8-RR1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1021	78.50	18.4	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		
JL8-RR1								53 kg		
D15								2747 kg		

APPROACH BRIDGE DIAPHRAGM D16 LL1-JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1021	78.50	18.4	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		
LL1-JL1								53 kg		

APPROACH BRIDGE DIAPHRAGM D16 JL1-JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	627	78.50	11.3	11	SM400A		
1	FLG	PL	230* 10	166	78.50	3.00	3	SM400A		
2	FLG	PL	111* 10	2546	78.50	22.2	44	SM400A		
1	WEB	PL	787* 9	606	70.65	18.5	18	SM400A	55	
1	WEB	PL	803* 9	166	70.65	9.42	9	SM400A		
2	D-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	DIA	PL	2989* 9	2730	70.65	346	346	SM400A	60	
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	100* 10	1397	78.50	11.0	22	SM400A		
2	D-STF	PL	110* 10	800	78.50	6.91	14	SM400A		

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JL1-JL2	495 kg
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APPROACH BRIDGE DIAPHRAGM D16 JL2-JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1285	78.50	23.2	23	SM400A		
1	WEB	PL	800* 9	1301	70.65	62.5	62	SM400A	85	
1	VSTF	PL	90* 9	503	70.65	3.20	3	SM400A		
JL2-JL3										88 kg

APPROACH BRIDGE DIAPHRAGM D16 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
2	FLG	PL	111* 10	2691	78.50	23.4	47	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
2	D-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	DIA	PL	2690* 9	2727	70.65	415	415	SM400A	80	
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	110* 10	800	78.50	6.91	14	SM400A		
JL3-JL4										556 kg

APPROACH BRIDGE DIAPHRAGM D16 JL4-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	2936	78.50	53.0	53	SM400A		
1	WEB	PL	829* 9	2935	70.65	146	146	SM400A	85	
2	VSTF	PL	90* 9	780	70.65	4.96	10	SM400A		
JL4-JL5										209 kg

APPROACH BRIDGE DIAPHRAGM D16 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
2	FLG	PL	111* 10	2691	78.50	23.4	47	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		

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2	D-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	DIA	PL	2690* 9	2727	70.65	415	415	SM400A	80	
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	110* 10	800	78.50	6.91	14	SM400A		
							JL5-JL6			
							556 kg			

APPROACH BRIDGE DIAPHRAGM D16 JL6-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	2700	78.50	48.7	49	SM400A		
1	WEB	PL	800* 9	2710	70.65	130	130	SM400A	85	
1	VSTF	PL	90* 9	503	70.65	3.20	3	SM400A		
							JL6-JL7			
							182 kg			

APPROACH BRIDGE DIAPHRAGM D16 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	174	78.50	3.14	3	SM400A		
1	FLG	PL	230* 10	627	78.50	11.3	11	SM400A		
2	FLG	PL	111* 10	2546	78.50	22.2	44	SM400A		
1	WEB	PL	803* 9	166	70.65	9.42	9	SM400A		
1	WEB	PL	787* 9	606	70.65	18.5	18	SM400A	55	
2	D-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	DIA	PL	2989* 9	2730	70.65	346	346	SM400A	60	
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	110* 10	800	78.50	6.91	14	SM400A		
							JL7-JL8			
							495 kg			

APPROACH BRIDGE DIAPHRAGM D16 JL8-RR1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1021	78.50	18.4	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		
							JL8-RR1			
							53 kg			
							D16			
							2687 kg			

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APPROACH BRIDGE DIAPHRAGM D17 LL1-JL1											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	FLG	PL	230* 10	1021	78.50	18.4	18	SM400A			
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65		
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A			
							LL1-JL1				53 kg

APPROACH BRIDGE DIAPHRAGM D17 JL1-JL2											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	FLG	PL	230* 10	627	78.50	11.3	11	SM400A			
1	FLG	PL	230* 10	166	78.50	3.00	3	SM400A			
2	FLG	PL	111* 10	2546	78.50	22.2	44	SM400A			
1	WEB	PL	787* 9	606	70.65	18.5	18	SM400A	55		
1	WEB	PL	803* 9	166	70.65	9.42	9	SM400A			
2	D-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A			
1	DIA	PL	2989* 9	2730	70.65	346	346	SM400A	60		
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A			
2	D-STF	PL	100* 10	1397	78.50	11.0	22	SM400A			
2	D-STF	PL	110* 10	800	78.50	6.91	14	SM400A			
							JL1-JL2				495 kg

APPROACH BRIDGE DIAPHRAGM D17 JL2-JL3											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	FLG	PL	230* 10	1285	78.50	23.2	23	SM400A			
1	WEB	PL	800* 9	1301	70.65	62.5	62	SM400A	85		
1	VSTF	PL	90* 9	503	70.65	3.20	3	SM400A			
							JL2-JL3				88 kg

APPROACH BRIDGE DIAPHRAGM D17 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
2	FLG	PL	111* 10	2691	78.50	23.4	47	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
2	D-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	DIA	PL	2690* 9	2727	70.65	415	415	SM400A	80	

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2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	110* 10	800	78.50	6.91	14	SM400A		
JL3-JL4							556 kg			

APPROACH BRIDGE DIAPHRAGM D17 JL4-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	2936	78.50	53.0	53	SM400A		
1	WEB	PL	829* 9	2935	70.65	146	146	SM400A	85	
2	VSTF	PL	90* 9	780	70.65	4.96	10	SM400A		
JL4-JL5							209 kg			

APPROACH BRIDGE DIAPHRAGM D17 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
2	FLG	PL	111* 10	2691	78.50	23.4	47	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
2	D-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	DIA	PL	2690* 9	2727	70.65	415	415	SM400A	80	
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	110* 10	800	78.50	6.91	14	SM400A		
JL5-JL6							556 kg			

APPROACH BRIDGE DIAPHRAGM D17 JL6-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	2037	78.50	36.8	37	SM400A		
1	WEB	PL	800* 9	2048	70.65	98.4	98	SM400A	85	
1	VSTF	PL	90* 9	503	70.65	3.20	3	SM400A		
JL6-JL7							138 kg			

APPROACH BRIDGE DIAPHRAGM D17 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	174	78.50	3.14	3	SM400A		

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1	FLG	PL	230* 10	627	78.50	11.3	11	SM400A		
2	FLG	PL	111* 10	2546	78.50	22.2	44	SM400A		
1	WEB	PL	803* 9	166	70.65	9.42	9	SM400A		
1	WEB	PL	787* 9	606	70.65	18.5	18	SM400A	55	
2	D-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	DIA	PL	2989* 9	2730	70.65	346	346	SM400A	60	
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	110* 10	800	78.50	6.91	14	SM400A		
JL7-JL8								495 kg		

APPROACH BRIDGE DIAPHRAGM D17 JL8-RR1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1021	78.50	18.4	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		
JL8-RR1								53 kg		
D17								2643 kg		

APPROACH BRIDGE DIAPHRAGM D18 LL1-JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1021	78.50	18.4	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		
LL1-JL1								53 kg		

APPROACH BRIDGE DIAPHRAGM D18 JL1-JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	630	78.50	11.4	11	SM400A		
1	FLG	PL	230* 10	168	78.50	3.03	3	SM400A		
2	FLG	PL	111* 10	2546	78.50	22.2	44	SM400A		
1	WEB	PL	788* 9	609	70.65	18.6	19	SM400A	55	
1	WEB	PL	803* 9	168	70.65	9.53	10	SM400A		
2	D-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	DIA	PL	2989* 9	2730	70.65	346	346	SM400A	60	
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	100* 10	1397	78.50	11.0	22	SM400A		

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2	D-STF	PL	110* 10	800	78.50	6.91	14	SM400A			
							JL1-JL2	497 kg			

APPROACH BRIDGE DIAPHRAGM D18 JL2-JL3											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	FLG	PL	230* 10	1285	78.50	23.2	23	SM400A			
1	WEB	PL	800* 9	1301	70.65	62.5	62	SM400A	85		
1	VSTF	PL	90* 9	503	70.65	3.20	3	SM400A			
							JL2-JL3	88 kg			

APPROACH BRIDGE DIAPHRAGM D18 JL3-JL4											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A			
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A			
2	FLG	PL	111* 10	2691	78.50	23.4	47	SM400A			
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A			
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A			
2	D-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A			
1	DIA	PL	2690* 9	2727	70.65	415	415	SM400A	80		
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A			
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A			
2	D-STF	PL	110* 10	800	78.50	6.91	14	SM400A			
							JL3-JL4	556 kg			

APPROACH BRIDGE DIAPHRAGM D18 JL4-JL5											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	FLG	PL	230* 10	2936	78.50	53.0	53	SM400A			
1	WEB	PL	829* 9	2935	70.65	146	146	SM400A	85		
2	VSTF	PL	90* 9	780	70.65	4.96	10	SM400A			
							JL4-JL5	209 kg			

APPROACH BRIDGE DIAPHRAGM D18 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
2	FLG	PL	111* 10	2691	78.50	23.4	47	SM400A		

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1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
2	D-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	DIA	PL	2690* 9	2727	70.65	415	415	SM400A	80	
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	110* 10	800	78.50	6.91	14	SM400A		
JL5-JL6								556 kg		

APPROACH BRIDGE DIAPHRAGM D18 JL6-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1376	78.50	24.8	25	SM400A		
1	WEB	PL	800* 9	1387	70.65	66.7	67	SM400A	85	
1	VSTF	PL	90* 9	503	70.65	3.20	3	SM400A		
JL6-JL7								95 kg		

APPROACH BRIDGE DIAPHRAGM D18 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	176	78.50	3.18	3	SM400A		
1	FLG	PL	230* 10	630	78.50	11.4	11	SM400A		
2	FLG	PL	111* 10	2546	78.50	22.2	44	SM400A		
1	WEB	PL	803* 9	168	70.65	9.53	10	SM400A		
1	WEB	PL	788* 9	609	70.65	18.6	19	SM400A	55	
2	D-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	DIA	PL	2989* 9	2730	70.65	346	346	SM400A	60	
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	110* 10	800	78.50	6.91	14	SM400A		
JL7-JL8								497 kg		

APPROACH BRIDGE DIAPHRAGM D18 JL8-RR1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1021	78.50	18.4	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		
JL8-RR1								53 kg		

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D18	2604 kg
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APPROACH BRIDGE DIAPHRAGM D19 LL1-JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1021	78.50	18.4	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		
LL1-JL1							53 kg			

APPROACH BRIDGE DIAPHRAGM D19 JL1-JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	630	78.50	11.4	11	SM400A		
1	FLG	PL	230* 10	168	78.50	3.03	3	SM400A		
2	FLG	PL	111* 10	2546	78.50	22.2	44	SM400A		
1	WEB	PL	788* 9	609	70.65	18.6	19	SM400A	55	
1	WEB	PL	803* 9	168	70.65	9.53	10	SM400A		
2	D-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	DIA	PL	2989* 9	2730	70.65	346	346	SM400A	60	
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	100* 10	1397	78.50	11.0	22	SM400A		
2	D-STF	PL	110* 10	800	78.50	6.91	14	SM400A		
JL1-JL2							497 kg			

APPROACH BRIDGE DIAPHRAGM D19 JL2-JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1285	78.50	23.2	23	SM400A		
1	WEB	PL	800* 9	1301	70.65	62.5	62	SM400A	85	
1	VSTF	PL	90* 9	503	70.65	3.20	3	SM400A		
JL2-JL3							88 kg			

APPROACH BRIDGE DIAPHRAGM D19 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
2	FLG	PL	111* 10	2691	78.50	23.4	47	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		

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2	D-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	DIA	PL	2690* 9	2727	70.65	415	415	SM400A	80	
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	110* 10	800	78.50	6.91	14	SM400A		
							JL3-JL4			
							556 kg			

APPROACH BRIDGE DIAPHRAGM D19 JL4-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	2936	78.50	53.0	53	SM400A		
1	WEB	PL	829* 9	2935	70.65	146	146	SM400A	85	
2	VSTF	PL	90* 9	780	70.65	4.96	10	SM400A		
							JL4-JL5			
							209 kg			

APPROACH BRIDGE DIAPHRAGM D19 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
2	FLG	PL	111* 10	2691	78.50	23.4	47	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
2	D-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	DIA	PL	2690* 9	2727	70.65	415	415	SM400A	80	
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	110* 10	800	78.50	6.91	14	SM400A		
							JL5-JL6			
							556 kg			

APPROACH BRIDGE DIAPHRAGM D19 JL6-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1285	78.50	23.2	23	SM400A		
1	WEB	PL	800* 9	1296	70.65	62.3	62	SM400A	85	
1	VSTF	PL	90* 9	503	70.65	3.20	3	SM400A		
							JL6-JL7			
							88 kg			

APPROACH BRIDGE DIAPHRAGM D19 JL7-JL8										

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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	168	78.50	3.03	3	SM400A		
1	FLG	PL	230* 10	630	78.50	11.4	11	SM400A		
2	FLG	PL	111* 10	2546	78.50	22.2	44	SM400A		
1	WEB	PL	803* 9	168	70.65	9.53	10	SM400A		
1	WEB	PL	788* 9	609	70.65	18.6	19	SM400A	55	
2	D-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	DIA	PL	2989* 9	2730	70.65	346	346	SM400A	60	
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	110* 10	800	78.50	6.91	14	SM400A		
JL7-JL8							497 kg			

APPROACH BRIDGE DIAPHRAGM D19 JL8-RR1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1021	78.50	18.4	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		
JL8-RR1							53 kg			
D19							2597 kg			

APPROACH BRIDGE DIAPHRAGM D20 LL1-JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1021	78.50	18.4	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		
LL1-JL1							53 kg			

APPROACH BRIDGE DIAPHRAGM D20 JL1-JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	630	78.50	11.4	11	SM400A		
1	FLG	PL	230* 10	168	78.50	3.03	3	SM400A		
2	FLG	PL	111* 10	2546	78.50	22.2	44	SM400A		
1	WEB	PL	788* 9	609	70.65	18.6	19	SM400A	55	
1	WEB	PL	803* 9	168	70.65	9.53	10	SM400A		
2	D-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	DIA	PL	2989* 9	2730	70.65	346	346	SM400A	60	

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2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	100* 10	1397	78.50	11.0	22	SM400A		
2	D-STF	PL	110* 10	800	78.50	6.91	14	SM400A		
JL1-JL2							497 kg			

APPROACH BRIDGE DIAPHRAGM D20 JL2-JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1285	78.50	23.2	23	SM400A		
1	WEB	PL	800* 9	1301	70.65	62.5	62	SM400A	85	
1	VSTF	PL	90* 9	503	70.65	3.20	3	SM400A		
JL2-JL3							88 kg			

APPROACH BRIDGE DIAPHRAGM D20 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
2	FLG	PL	111* 10	2691	78.50	23.4	47	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
2	D-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	DIA	PL	2690* 9	2727	70.65	415	415	SM400A	80	
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	110* 10	800	78.50	6.91	14	SM400A		
JL3-JL4							556 kg			

APPROACH BRIDGE DIAPHRAGM D20 JL4-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	2936	78.50	53.0	53	SM400A		
1	WEB	PL	829* 9	2935	70.65	146	146	SM400A	85	
2	VSTF	PL	90* 9	780	70.65	4.96	10	SM400A		
JL4-JL5							209 kg			

APPROACH BRIDGE DIAPHRAGM D20 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		

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1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
2	FLG	PL	111* 10	2691	78.50	23.4	47	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
2	D-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	DIA	PL	2690* 9	2727	70.65	415	415	SM400A	80	
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	110* 10	800	78.50	6.91	14	SM400A		
JL5-JL6								556 kg		

APPROACH BRIDGE DIAPHRAGM D20 JL6-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1285	78.50	23.2	23	SM400A		
1	WEB	PL	800* 9	1296	70.65	62.3	62	SM400A	85	
1	VSTF	PL	90* 9	503	70.65	3.20	3	SM400A		
JL6-JL7								88 kg		

APPROACH BRIDGE DIAPHRAGM D20 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	168	78.50	3.03	3	SM400A		
1	FLG	PL	230* 10	630	78.50	11.4	11	SM400A		
2	FLG	PL	111* 10	2546	78.50	22.2	44	SM400A		
1	WEB	PL	803* 9	168	70.65	9.53	10	SM400A		
1	WEB	PL	788* 9	609	70.65	18.6	19	SM400A	55	
2	D-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	DIA	PL	2989* 9	2730	70.65	346	346	SM400A	60	
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	110* 10	800	78.50	6.91	14	SM400A		
JL7-JL8								497 kg		

APPROACH BRIDGE DIAPHRAGM D20 JL8-RR1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1021	78.50	18.4	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		

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JL8-RR1	53 kg
D20	2597 kg

APPROACH BRIDGE DIAPHRAGM D21 LL1-JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1021	78.50	18.4	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		
							LL1-JL1	53 kg		

APPROACH BRIDGE DIAPHRAGM D21 JL1-JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	627	78.50	11.3	11	SM400A		
1	FLG	PL	230* 10	166	78.50	3.00	3	SM400A		
2	FLG	PL	111* 10	2546	78.50	22.2	44	SM400A		
1	WEB	PL	787* 9	606	70.65	18.5	18	SM400A	55	
1	WEB	PL	803* 9	166	70.65	9.42	9	SM400A		
2	D-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	DIA	PL	2989* 9	2730	70.65	346	346	SM400A	60	
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	100* 10	1397	78.50	11.0	22	SM400A		
2	D-STF	PL	110* 10	800	78.50	6.91	14	SM400A		
							JL1-JL2	495 kg		

APPROACH BRIDGE DIAPHRAGM D21 JL2-JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1285	78.50	23.2	23	SM400A		
1	WEB	PL	800* 9	1301	70.65	62.5	62	SM400A	85	
1	VSTF	PL	90* 9	503	70.65	3.20	3	SM400A		
							JL2-JL3	88 kg		

APPROACH BRIDGE DIAPHRAGM D21 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
2	FLG	PL	111* 10	2691	78.50	23.4	47	SM400A		

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1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
2	D-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	DIA	PL	2690* 9	2727	70.65	415	415	SM400A	80	
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	110* 10	800	78.50	6.91	14	SM400A		
JL3-JL4								556 kg		

APPROACH BRIDGE DIAPHRAGM D21 JL4-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	2936	78.50	53.0	53	SM400A		
1	WEB	PL	829* 9	2935	70.65	146	146	SM400A	85	
2	VSTF	PL	90* 9	780	70.65	4.96	10	SM400A		
JL4-JL5								209 kg		

APPROACH BRIDGE DIAPHRAGM D21 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
2	FLG	PL	111* 10	2691	78.50	23.4	47	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
2	D-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	DIA	PL	2690* 9	2727	70.65	415	415	SM400A	80	
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	110* 10	800	78.50	6.91	14	SM400A		
JL5-JL6								556 kg		

APPROACH BRIDGE DIAPHRAGM D21 JL6-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1285	78.50	23.2	23	SM400A		
1	WEB	PL	800* 9	1296	70.65	62.3	62	SM400A	85	
1	VSTF	PL	90* 9	503	70.65	3.20	3	SM400A		
JL6-JL7								88 kg		

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APPROACH BRIDGE DIAPHRAGM D21 JL7-JL8											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	FLG	PL	230* 10	166	78.50	3.00	3	SM400A			
1	FLG	PL	230* 10	627	78.50	11.3	11	SM400A			
2	FLG	PL	111* 10	2546	78.50	22.2	44	SM400A			
1	WEB	PL	803* 9	166	70.65	9.42	9	SM400A			
1	WEB	PL	787* 9	606	70.65	18.5	18	SM400A	55		
2	D-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A			
1	DIA	PL	2989* 9	2730	70.65	346	346	SM400A	60		
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A			
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A			
2	D-STF	PL	110* 10	800	78.50	6.91	14	SM400A			
							JL7-JL8				495 kg

APPROACH BRIDGE DIAPHRAGM D21 JL8-RR1											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	FLG	PL	230* 10	1021	78.50	18.4	18	SM400A			
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65		
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A			
							JL8-RR1				53 kg
							D21				2593 kg

APPROACH BRIDGE DIAPHRAGM D22 LL1-JL1											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	FLG	PL	230* 10	1021	78.50	18.4	18	SM400A			
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65		
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A			
							LL1-JL1				53 kg

APPROACH BRIDGE DIAPHRAGM D22 JL1-JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	627	78.50	11.3	11	SM400A		
1	FLG	PL	230* 10	166	78.50	3.00	3	SM400A		
2	FLG	PL	111* 10	2546	78.50	22.2	44	SM400A		
1	WEB	PL	787* 9	606	70.65	18.5	18	SM400A	55	
1	WEB	PL	803* 9	166	70.65	9.42	9	SM400A		

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2	D-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	DIA	PL	2989* 9	2730	70.65	346	346	SM400A	60	
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	100* 10	1397	78.50	11.0	22	SM400A		
2	D-STF	PL	110* 10	800	78.50	6.91	14	SM400A		
							JL1-JL2			
							495 kg			

APPROACH BRIDGE DIAPHRAGM D22 JL2-JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1285	78.50	23.2	23	SM400A		
1	WEB	PL	800* 9	1301	70.65	62.5	62	SM400A	85	
1	VSTF	PL	90* 9	503	70.65	3.20	3	SM400A		
							JL2-JL3			
							88 kg			

APPROACH BRIDGE DIAPHRAGM D22 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
2	FLG	PL	111* 10	2691	78.50	23.4	47	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
2	D-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	DIA	PL	2690* 9	2727	70.65	415	415	SM400A	80	
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	110* 10	800	78.50	6.91	14	SM400A		
							JL3-JL4			
							556 kg			

APPROACH BRIDGE DIAPHRAGM D22 JL4-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	3019	78.50	54.5	54	SM400A		
1	WEB	PL	831* 9	3018	70.65	151	151	SM400A	85	
2	VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
							JL4-JL5			
							211 kg			

APPROACH BRIDGE DIAPHRAGM D22 JL5-JL6										

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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	165	78.50	2.98	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
2	FLG	PL	111* 10	2691	78.50	23.4	47	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
2	D-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	DIA	PL	2690* 9	2727	70.65	415	415	SM400A	80	
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	110* 10	800	78.50	6.91	14	SM400A		
JL5-JL6							556 kg			

APPROACH BRIDGE DIAPHRAGM D22 JL6-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1285	78.50	23.2	23	SM400A		
1	WEB	PL	800* 9	1296	70.65	62.3	62	SM400A	85	
1	VSTF	PL	90* 9	503	70.65	3.20	3	SM400A		
JL6-JL7							88 kg			

APPROACH BRIDGE DIAPHRAGM D22 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	166	78.50	3.00	3	SM400A		
1	FLG	PL	230* 10	627	78.50	11.3	11	SM400A		
2	FLG	PL	111* 10	2546	78.50	22.2	44	SM400A		
1	WEB	PL	803* 9	166	70.65	9.42	9	SM400A		
1	WEB	PL	787* 9	606	70.65	18.5	18	SM400A	55	
2	D-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	DIA	PL	2989* 9	2730	70.65	346	346	SM400A	60	
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	110* 10	800	78.50	6.91	14	SM400A		
JL7-JL8							495 kg			

APPROACH BRIDGE DIAPHRAGM D22 JL8-RR1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1021	78.50	18.4	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	

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1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A			
							JL8-RR1				
							53 kg				
							D22				
							2595 kg				

APPROACH BRIDGE DIAPHRAGM D23 LL1-JL1											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	FLG	PL	230* 10	1021	78.50	18.4	18	SM400A			
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65		
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A			
							LL1-JL1				
							53 kg				

APPROACH BRIDGE DIAPHRAGM D23 JL1-JL2											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	FLG	PL	230* 10	627	78.50	11.3	11	SM400A			
1	FLG	PL	230* 10	166	78.50	3.00	3	SM400A			
2	FLG	PL	111* 10	2546	78.50	22.2	44	SM400A			
1	WEB	PL	787* 9	606	70.65	18.5	18	SM400A	55		
1	WEB	PL	803* 9	166	70.65	9.42	9	SM400A			
2	D-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A			
1	DIA	PL	2989* 9	2730	70.65	346	346	SM400A	60		
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A			
2	D-STF	PL	100* 10	1397	78.50	11.0	22	SM400A			
2	D-STF	PL	110* 10	800	78.50	6.91	14	SM400A			
							JL1-JL2				
							495 kg				

APPROACH BRIDGE DIAPHRAGM D23 JL2-JL3											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	FLG	PL	230* 10	1285	78.50	23.2	23	SM400A			
1	WEB	PL	800* 9	1301	70.65	62.5	62	SM400A	85		
1	VSTF	PL	90* 9	503	70.65	3.20	3	SM400A			
							JL2-JL3				
							88 kg				

APPROACH BRIDGE DIAPHRAGM D23 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		

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1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
2	FLG	PL	111* 10	2691	78.50	23.4	47	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
2	D-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	DIA	PL	2690* 9	2727	70.65	415	415	SM400A	80	
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	110* 10	800	78.50	6.91	14	SM400A		
JL3-JL4								556 kg		

APPROACH BRIDGE DIAPHRAGM D23 JL4-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1799	78.50	32.5	32	SM400A		
1	FLG	PL	230* 10	1665	78.50	30.1	30	SM400A		
1	WEB	PL	832* 9	1799	70.65	89.9	90	SM400A	85	
1	WEB	PL	800* 9	1681	70.65	80.8	81	SM400A	85	
1	VSTF	PL	90* 9	503	70.65	3.20	3	SM400A		
2	VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
JL4-JL5								242 kg		

APPROACH BRIDGE DIAPHRAGM D23 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	165	78.50	2.98	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
2	FLG	PL	111* 10	2691	78.50	23.4	47	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
2	D-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	DIA	PL	2690* 9	2727	70.65	415	415	SM400A	80	
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	110* 10	800	78.50	6.91	14	SM400A		
JL5-JL6								556 kg		

APPROACH BRIDGE DIAPHRAGM D23 JL6-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1285	78.50	23.2	23	SM400A		

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1	WEB	PL	800* 9	1296	70.65	62.3	62	SM400A	85	
1	VSTF	PL	90* 9	503	70.65	3.20	3	SM400A		
JL6-JL7							88 kg			

APPROACH BRIDGE DIAPHRAGM D23 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	166	78.50	3.00	3	SM400A		
1	FLG	PL	230* 10	627	78.50	11.3	11	SM400A		
2	FLG	PL	111* 10	2546	78.50	22.2	44	SM400A		
1	WEB	PL	803* 9	166	70.65	9.42	9	SM400A		
1	WEB	PL	787* 9	606	70.65	18.5	18	SM400A	55	
2	D-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	DIA	PL	2989* 9	2730	70.65	346	346	SM400A	60	
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	110* 10	800	78.50	6.91	14	SM400A		
JL7-JL8							495 kg			

APPROACH BRIDGE DIAPHRAGM D23 JL8-RR1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1021	78.50	18.4	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		
JL8-RR1							53 kg			
D23							2626 kg			

APPROACH BRIDGE DIAPHRAGM D24 LL1-JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1021	78.50	18.4	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		
LL1-JL1							53 kg			

APPROACH BRIDGE DIAPHRAGM D24 JL1-JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks

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1	FLG	PL	230* 10	627	78.50	11.3	11	SM400A		
1	FLG	PL	230* 10	166	78.50	3.00	3	SM400A		
2	FLG	PL	111* 10	2546	78.50	22.2	44	SM400A		
1	WEB	PL	787* 9	606	70.65	18.5	18	SM400A	55	
1	WEB	PL	803* 9	166	70.65	9.42	9	SM400A		
2	D-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	DIA	PL	2989* 9	2730	70.65	346	346	SM400A	60	
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	100* 10	1397	78.50	11.0	22	SM400A		
2	D-STF	PL	110* 10	800	78.50	6.91	14	SM400A		
JL1-JL2								495 kg		

APPROACH BRIDGE DIAPHRAGM D24 JL2-JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1285	78.50	23.2	23	SM400A		
1	WEB	PL	800* 9	1301	70.65	62.5	62	SM400A	85	
1	VSTF	PL	90* 9	503	70.65	3.20	3	SM400A		
JL2-JL3								88 kg		

APPROACH BRIDGE DIAPHRAGM D24 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
2	FLG	PL	111* 10	2691	78.50	23.4	47	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
2	D-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	DIA	PL	2690* 9	2727	70.65	415	415	SM400A	80	
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	110* 10	800	78.50	6.91	14	SM400A		
JL3-JL4								556 kg		

APPROACH BRIDGE DIAPHRAGM D24 JL4-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	2004	78.50	36.2	36	SM400A		
1	FLG	PL	230* 10	1932	78.50	34.9	35	SM400A		
1	WEB	PL	836* 9	2004	70.65	101	101	SM400A	85	

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1	WEB	PL	800* 9	1948	70.65	93.6	94	SM400A	85	
1	VSTF	PL	90* 9	503	70.65	3.20	3	SM400A		
2	VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
JL4-JL5							275 kg			

APPROACH BRIDGE DIAPHRAGM D24 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	166	78.50	3.00	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
2	FLG	PL	111* 10	2691	78.50	23.4	47	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
2	D-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	DIA	PL	2690* 9	2727	70.65	415	415	SM400A	80	
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	110* 10	800	78.50	6.91	14	SM400A		
JL5-JL6							556 kg			

APPROACH BRIDGE DIAPHRAGM D24 JL6-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1285	78.50	23.2	23	SM400A		
1	WEB	PL	800* 9	1296	70.65	62.3	62	SM400A	85	
1	VSTF	PL	90* 9	503	70.65	3.20	3	SM400A		
JL6-JL7							88 kg			

APPROACH BRIDGE DIAPHRAGM D24 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	166	78.50	3.00	3	SM400A		
1	FLG	PL	230* 10	627	78.50	11.3	11	SM400A		
2	FLG	PL	111* 10	2546	78.50	22.2	44	SM400A		
1	WEB	PL	803* 9	166	70.65	9.42	9	SM400A		
1	WEB	PL	787* 9	606	70.65	18.5	18	SM400A	55	
2	D-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	DIA	PL	2989* 9	2730	70.65	346	346	SM400A	60	
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	110* 10	800	78.50	6.91	14	SM400A		

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JL7-JL8	495 kg
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APPROACH BRIDGE DIAPHRAGM D24 JL8-RR1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1021	78.50	18.4	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		
JL8-RR1							53 kg			
D24							2659 kg			

APPROACH BRIDGE DIAPHRAGM D25 LL1-JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1021	78.50	18.4	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		
LL1-JL1							53 kg			

APPROACH BRIDGE DIAPHRAGM D25 JL1-JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	627	78.50	11.3	11	SM400A		
1	FLG	PL	230* 10	166	78.50	3.00	3	SM400A		
2	FLG	PL	111* 10	2546	78.50	22.2	44	SM400A		
1	WEB	PL	787* 9	606	70.65	18.5	18	SM400A	55	
1	WEB	PL	803* 9	166	70.65	9.42	9	SM400A		
2	D-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	DIA	PL	2989* 9	2730	70.65	346	346	SM400A	60	
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	100* 10	1397	78.50	11.0	22	SM400A		
2	D-STF	PL	110* 10	800	78.50	6.91	14	SM400A		
JL1-JL2							495 kg			

APPROACH BRIDGE DIAPHRAGM D25 JL2-JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1285	78.50	23.2	23	SM400A		
1	WEB	PL	800* 9	1301	70.65	62.5	62	SM400A	85	

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1	VSTF	PL	90* 9	503	70.65	3.20	3	SM400A		
JL2-JL3							88 kg			

APPROACH BRIDGE DIAPHRAGM D25 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
2	FLG	PL	111* 10	2691	78.50	23.4	47	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
2	D-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	DIA	PL	2690* 9	2727	70.65	415	415	SM400A	80	
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	110* 10	800	78.50	6.91	14	SM400A		
JL3-JL4							556 kg			

APPROACH BRIDGE DIAPHRAGM D25 JL4-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	2209	78.50	39.9	40	SM400A		
1	FLG	PL	230* 10	2168	78.50	39.1	39	SM400A		
1	WEB	PL	841* 9	2254	70.65	114	114	SM400A	85	
1	WEB	PL	800* 9	2184	70.65	105	105	SM400A	85	
1	VSTF	PL	90* 9	503	70.65	3.20	3	SM400A		
2	VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
JL4-JL5							307 kg			

APPROACH BRIDGE DIAPHRAGM D25 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	166	78.50	3.00	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
2	FLG	PL	111* 10	2691	78.50	23.4	47	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
2	D-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	DIA	PL	2690* 9	2727	70.65	415	415	SM400A	80	
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		

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2	D-STF	PL	110* 10	800	78.50	6.91	14	SM400A			
							JL5-JL6	556 kg			

APPROACH BRIDGE DIAPHRAGM D25 JL6-JL7											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	FLG	PL	230* 10	1285	78.50	23.2	23	SM400A			
1	WEB	PL	800* 9	1296	70.65	62.3	62	SM400A	85		
1	VSTF	PL	90* 9	503	70.65	3.20	3	SM400A			
							JL6-JL7	88 kg			

APPROACH BRIDGE DIAPHRAGM D25 JL7-JL8											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	FLG	PL	230* 10	166	78.50	3.00	3	SM400A			
1	FLG	PL	230* 10	627	78.50	11.3	11	SM400A			
2	FLG	PL	111* 10	2546	78.50	22.2	44	SM400A			
1	WEB	PL	803* 9	166	70.65	9.42	9	SM400A			
1	WEB	PL	787* 9	606	70.65	18.5	18	SM400A	55		
2	D-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A			
1	DIA	PL	2989* 9	2730	70.65	346	346	SM400A	60		
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A			
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A			
2	D-STF	PL	110* 10	800	78.50	6.91	14	SM400A			
							JL7-JL8	495 kg			

APPROACH BRIDGE DIAPHRAGM D25 JL8-RR1											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	FLG	PL	230* 10	1021	78.50	18.4	18	SM400A			
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65		
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A			
							JL8-RR1	53 kg			
							D25	2691 kg			

APPROACH BRIDGE DIAPHRAGM D26 LL1-JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1021	78.50	18.4	18	SM400A		

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1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		
LL1-JL1							53 kg			

APPROACH BRIDGE DIAPHRAGM D26 JL1-JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	630	78.50	11.4	11	SM400A		
1	FLG	PL	230* 10	168	78.50	3.03	3	SM400A		
2	FLG	PL	111* 10	2546	78.50	22.2	44	SM400A		
1	WEB	PL	788* 9	609	70.65	18.6	19	SM400A	55	
1	WEB	PL	803* 9	168	70.65	9.53	10	SM400A		
2	D-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	DIA	PL	2989* 9	2730	70.65	346	346	SM400A	60	
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	100* 10	1397	78.50	11.0	22	SM400A		
2	D-STF	PL	110* 10	800	78.50	6.91	14	SM400A		
JL1-JL2							497 kg			

APPROACH BRIDGE DIAPHRAGM D26 JL2-JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1285	78.50	23.2	23	SM400A		
1	WEB	PL	800* 9	1301	70.65	62.5	62	SM400A	85	
1	VSTF	PL	90* 9	503	70.65	3.20	3	SM400A		
JL2-JL3							88 kg			

APPROACH BRIDGE DIAPHRAGM D26 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
2	FLG	PL	111* 10	2691	78.50	23.4	47	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
2	D-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	DIA	PL	2690* 9	2727	70.65	415	415	SM400A	80	
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	110* 10	800	78.50	6.91	14	SM400A		

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JL3-JL4					556 kg					
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APPROACH BRIDGE DIAPHRAGM D26 JL4-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	2548	78.50	46.0	46	SM400A		
1	FLG	PL	230* 10	2766	78.50	49.9	50	SM400A		
1	WEB	PL	847* 9	2548	70.65	130	130	SM400A	85	
1	WEB	PL	800* 9	2350	70.65	113	113	SM400A	85	
2	VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
2	VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
JL4-JL5					351 kg					

APPROACH BRIDGE DIAPHRAGM D26 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	167	78.50	3.02	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
2	FLG	PL	111* 10	2691	78.50	23.4	47	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
2	D-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	DIA	PL	2690* 9	2727	70.65	415	415	SM400A	80	
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	110* 10	800	78.50	6.91	14	SM400A		
JL5-JL6					556 kg					

APPROACH BRIDGE DIAPHRAGM D26 JL6-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1285	78.50	23.2	23	SM400A		
1	WEB	PL	800* 9	1296	70.65	62.3	62	SM400A	85	
1	VSTF	PL	90* 9	503	70.65	3.20	3	SM400A		
JL6-JL7					88 kg					

APPROACH BRIDGE DIAPHRAGM D26 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	168	78.50	3.03	3	SM400A		
1	FLG	PL	230* 10	630	78.50	11.4	11	SM400A		

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2	FLG	PL	111* 10	2546	78.50	22.2	44	SM400A		
1	WEB	PL	803* 9	168	70.65	9.53	10	SM400A		
1	WEB	PL	788* 9	609	70.65	18.6	19	SM400A	55	
2	D-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	DIA	PL	2989* 9	2730	70.65	346	346	SM400A	60	
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	110* 10	800	78.50	6.91	14	SM400A		
JL7-JL8							497 kg			

APPROACH BRIDGE DIAPHRAGM D26 JL8-RR1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1021	78.50	18.4	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		
JL8-RR1							53 kg			
D26							2739 kg			

APPROACH BRIDGE DIAPHRAGM D27 LL1-JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1021	78.50	18.4	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		
LL1-JL1							53 kg			

APPROACH BRIDGE DIAPHRAGM D27 JL1-JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	630	78.50	11.4	11	SM400A		
1	FLG	PL	230* 10	168	78.50	3.03	3	SM400A		
2	FLG	PL	111* 10	2546	78.50	22.2	44	SM400A		
1	WEB	PL	788* 9	609	70.65	18.6	19	SM400A	55	
1	WEB	PL	803* 9	168	70.65	9.53	10	SM400A		
2	D-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	DIA	PL	2989* 9	2730	70.65	346	346	SM400A	60	
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	100* 10	1397	78.50	11.0	22	SM400A		
2	D-STF	PL	110* 10	800	78.50	6.91	14	SM400A		

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JL1-JL2										
497 kg										

APPROACH BRIDGE DIAPHRAGM D27 JL2-JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1285	78.50	23.2	23	SM400A		
1	WEB	PL	800* 9	1301	70.65	62.5	62	SM400A	85	
1	VSTF	PL	90* 9	503	70.65	3.20	3	SM400A		
JL2-JL3										
88 kg										

APPROACH BRIDGE DIAPHRAGM D27 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
2	FLG	PL	111* 10	2691	78.50	23.4	47	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
2	D-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	DIA	PL	2690* 9	2727	70.65	415	415	SM400A	80	
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	110* 10	800	78.50	6.91	14	SM400A		
JL3-JL4										
556 kg										

APPROACH BRIDGE DIAPHRAGM D27 JL4-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	2334	78.50	42.1	42	SM400A		
1	FLG	PL	230* 10	2365	78.50	42.7	43	SM400A		
1	WEB	PL	851* 9	2765	70.65	141	141	SM400A	85	
1	WEB	PL	800* 9	2381	70.65	114	114	SM400A	85	
2	VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
2	VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
JL4-JL5										
352 kg										

APPROACH BRIDGE DIAPHRAGM D27 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		

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1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
2	FLG	PL	111* 10	2691	78.50	23.4	47	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
2	D-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	DIA	PL	2690* 9	2727	70.65	415	415	SM400A	80	
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	110* 10	800	78.50	6.91	14	SM400A		
JL5-JL6								556 kg		

APPROACH BRIDGE DIAPHRAGM D27 JL6-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1285	78.50	23.2	23	SM400A		
1	WEB	PL	800* 9	1296	70.65	62.3	62	SM400A	85	
1	VSTF	PL	90* 9	503	70.65	3.20	3	SM400A		
JL6-JL7								88 kg		

APPROACH BRIDGE DIAPHRAGM D27 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	168	78.50	3.03	3	SM400A		
1	FLG	PL	230* 10	630	78.50	11.4	11	SM400A		
2	FLG	PL	111* 10	2546	78.50	22.2	44	SM400A		
1	WEB	PL	803* 9	168	70.65	9.53	10	SM400A		
1	WEB	PL	788* 9	609	70.65	18.6	19	SM400A	55	
2	D-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	DIA	PL	2989* 9	2730	70.65	346	346	SM400A	60	
2	D-STF	PL	100* 10	1413	78.50	11.1	22	SM400A		
2	D-STF	PL	100* 10	1398	78.50	11.0	22	SM400A		
2	D-STF	PL	110* 10	800	78.50	6.91	14	SM400A		
JL7-JL8								497 kg		

APPROACH BRIDGE DIAPHRAGM D27 JL8-RR1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1021	78.50	18.4	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		

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JL8-RR1	53 kg
D27	2740 kg
DIAPHRAGM	74932 kg
APPROACH BRIDGE	74932 kg

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APPROACH BRIDGE DIAPHRAGM SPLICE D1 JL1											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400			
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400			
8	F-SPL	TCB	M 22* 65			0.508	4	S10T			
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400			
21	W-SPL	TCB	M 22* 65			0.508	11	S10T			
							JL1				46 kg

APPROACH BRIDGE DIAPHRAGM SPLICE D1 JL2											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400			
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400			
8	F-SPL	TCB	M 22* 65			0.508	4	S10T			
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400			
26	W-SPL	TCB	M 22* 65			0.508	13	S10T			
							JL2				54 kg

APPROACH BRIDGE DIAPHRAGM SPLICE D1 JL3											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400			
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400			
8	F-SPL	TCB	M 22* 65			0.508	4	S10T			
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400			
26	W-SPL	TCB	M 22* 65			0.508	13	S10T			
							JL3				54 kg

APPROACH BRIDGE DIAPHRAGM SPLICE D1 JL4											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400			
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400			
8	F-SPL	TCB	M 22* 65			0.508	4	S10T			
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400			
26	W-SPL	TCB	M 22* 65			0.508	13	S10T			
							JL4				54 kg

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APPROACH BRIDGE DIAPHRAGM SPLICE D1 JL5											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400			
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400			
8	F-SPL	TCB	M 22* 65			0.508	4	S10T			
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400			
26	W-SPL	TCB	M 22* 65			0.508	13	S10T			
							JL5				54 kg

APPROACH BRIDGE DIAPHRAGM SPLICE D1 JL6											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400			
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400			
8	F-SPL	TCB	M 22* 65			0.508	4	S10T			
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400			
26	W-SPL	TCB	M 22* 65			0.508	13	S10T			
							JL6				54 kg

APPROACH BRIDGE DIAPHRAGM SPLICE D1 JL6A											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400			
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400			
8	F-SPL	TCB	M 22* 65			0.508	4	S10T			
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400			
28	W-SPL	TCB	M 22* 65			0.508	14	S10T			
							JL6A				55 kg

APPROACH BRIDGE DIAPHRAGM SPLICE D1 JL6B											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400			
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400			
8	F-SPL	TCB	M 22* 65			0.508	4	S10T			
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400			
28	W-SPL	TCB	M 22* 65			0.508	14	S10T			
							JL6B				55 kg

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APPROACH BRIDGE DIAPHRAGM SPLICE D1 JL6C										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
28	W-SPL	TCB	M 22* 65			0.508	14	S10T		
JL6C							55 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D1 JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL7							54 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D1 JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
JL8							46 kg			
D1							581 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D2 JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		

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JL1	46 kg
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APPROACH BRIDGE DIAPHRAGM SPLICE D2 JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL2							54 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D2 JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL3							54 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D2 JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL4							54 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D2 JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		

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JL5	54 kg
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APPROACH BRIDGE DIAPHRAGM SPLICE D2 JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL6							54 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D2 JL6A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
28	W-SPL	TCB	M 22* 65			0.508	14	S10T		
JL6A							55 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D2 JL6B										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
28	W-SPL	TCB	M 22* 65			0.508	14	S10T		
JL6B							55 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D2 JL6C										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
28	W-SPL	TCB	M 22* 65			0.508	14	S10T		

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JL6C	55 kg
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APPROACH BRIDGE DIAPHRAGM SPLICE D2 JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL7							54 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D2 JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
JL8							46 kg			
D2							581 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D3 JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
JL1							46 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D3 JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		

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26	W-SPL	TCB	M 22* 65			0.508	13	S10T			
							JL2	54 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D3 JL3											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400			
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400			
8	F-SPL	TCB	M 22* 65			0.508	4	S10T			
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400			
26	W-SPL	TCB	M 22* 65			0.508	13	S10T			
							JL3	54 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D3 JL4											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400			
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400			
8	F-SPL	TCB	M 22* 65			0.508	4	S10T			
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400			
26	W-SPL	TCB	M 22* 65			0.508	13	S10T			
							JL4	54 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D3 JL5											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400			
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400			
8	F-SPL	TCB	M 22* 65			0.508	4	S10T			
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400			
26	W-SPL	TCB	M 22* 65			0.508	13	S10T			
							JL5	54 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D3 JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		

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26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL6						54 kg				

APPROACH BRIDGE DIAPHRAGM SPLICE D3 JL6A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
28	W-SPL	TCB	M 22* 65			0.508	14	S10T		
JL6A						55 kg				

APPROACH BRIDGE DIAPHRAGM SPLICE D3 JL6B										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
28	W-SPL	TCB	M 22* 65			0.508	14	S10T		
JL6B						55 kg				

APPROACH BRIDGE DIAPHRAGM SPLICE D3 JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL7						54 kg				

APPROACH BRIDGE DIAPHRAGM SPLICE D3 JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		

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21	W-SPL	TCB	M 22* 65			0.508	11	S10T			
							JL8	46 kg			
							D3	526 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D4 JL1											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400			
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400			
8	F-SPL	TCB	M 22* 65			0.508	4	S10T			
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400			
21	W-SPL	TCB	M 22* 65			0.508	11	S10T			
							JL1	46 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D4 JL2											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400			
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400			
8	F-SPL	TCB	M 22* 65			0.508	4	S10T			
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400			
26	W-SPL	TCB	M 22* 65			0.508	13	S10T			
							JL2	54 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D4 JL3											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400			
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400			
8	F-SPL	TCB	M 22* 65			0.508	4	S10T			
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400			
26	W-SPL	TCB	M 22* 65			0.508	13	S10T			
							JL3	54 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D4 JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		

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8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL4							54 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D4 JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL5							54 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D4 JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL6							54 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D4 JL6A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
28	W-SPL	TCB	M 22* 65			0.508	14	S10T		
JL6A							55 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D4 JL6B										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		

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8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
28	W-SPL	TCB	M 22* 65			0.508	14	S10T		
JL6B							55 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D4 JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL7							54 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D4 JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
JL8							46 kg			
D4							526 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D5 JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
JL1							46 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D5 JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks

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2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
							JL2			
							54 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D5 JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
							JL3			
							54 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D5 JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
							JL4			
							54 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D5 JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
							JL5			
							54 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D5 JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks

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2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL6										
54 kg										

APPROACH BRIDGE DIAPHRAGM SPLICE D5 JL6A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
28	W-SPL	TCB	M 22* 65			0.508	14	S10T		
JL6A										
55 kg										

APPROACH BRIDGE DIAPHRAGM SPLICE D5 JL6B										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
28	W-SPL	TCB	M 22* 65			0.508	14	S10T		
JL6B										
55 kg										

APPROACH BRIDGE DIAPHRAGM SPLICE D5 JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL7										
54 kg										

APPROACH BRIDGE DIAPHRAGM SPLICE D5 JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks

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2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
JL8							46 kg			
D5							526 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D6 JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
JL1							46 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D6 JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL2							54 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D6 JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL3							54 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D6 JL4										
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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL4							54 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D6 JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL5							54 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D6 JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL6							54 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D6 JL6A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
28	W-SPL	TCB	M 22* 65			0.508	14	S10T		
JL6A							55 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D6 JL6B										
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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
28	W-SPL	TCB	M 22* 65			0.508	14	S10T		
JL6B							55 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D6 JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL7							54 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D6 JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
JL8							46 kg			
D6							526 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D7 JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
JL1							46 kg			

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APPROACH BRIDGE DIAPHRAGM SPLICE D7 JL2											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400			
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400			
8	F-SPL	TCB	M 22* 65			0.508	4	S10T			
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400			
26	W-SPL	TCB	M 22* 65			0.508	13	S10T			
							JL2				54 kg

APPROACH BRIDGE DIAPHRAGM SPLICE D7 JL3											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400			
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400			
8	F-SPL	TCB	M 22* 65			0.508	4	S10T			
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400			
26	W-SPL	TCB	M 22* 65			0.508	13	S10T			
							JL3				54 kg

APPROACH BRIDGE DIAPHRAGM SPLICE D7 JL4											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400			
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400			
8	F-SPL	TCB	M 22* 65			0.508	4	S10T			
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400			
26	W-SPL	TCB	M 22* 65			0.508	13	S10T			
							JL4				54 kg

APPROACH BRIDGE DIAPHRAGM SPLICE D7 JL5											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400			
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400			
8	F-SPL	TCB	M 22* 65			0.508	4	S10T			
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400			
26	W-SPL	TCB	M 22* 65			0.508	13	S10T			
							JL5				54 kg

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APPROACH BRIDGE DIAPHRAGM SPLICE D7 JL6											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400			
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400			
8	F-SPL	TCB	M 22* 65			0.508	4	S10T			
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400			
26	W-SPL	TCB	M 22* 65			0.508	13	S10T			
							JL6				54 kg

APPROACH BRIDGE DIAPHRAGM SPLICE D7 JL6A											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400			
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400			
8	F-SPL	TCB	M 22* 65			0.508	4	S10T			
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400			
28	W-SPL	TCB	M 22* 65			0.508	14	S10T			
							JL6A				55 kg

APPROACH BRIDGE DIAPHRAGM SPLICE D7 JL6B											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400			
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400			
8	F-SPL	TCB	M 22* 65			0.508	4	S10T			
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400			
28	W-SPL	TCB	M 22* 65			0.508	14	S10T			
							JL6B				55 kg

APPROACH BRIDGE DIAPHRAGM SPLICE D7 JL7											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400			
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400			
8	F-SPL	TCB	M 22* 65			0.508	4	S10T			
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400			
26	W-SPL	TCB	M 22* 65			0.508	13	S10T			
							JL7				54 kg

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APPROACH BRIDGE DIAPHRAGM SPLICE D7 JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
JL8							46 kg			
D7							526 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D8 JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
JL1							46 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D8 JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL2							54 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D8 JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		

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JL3	54 kg
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APPROACH BRIDGE DIAPHRAGM SPLICE D8 JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL4							54 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D8 JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL5							54 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D8 JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL6							54 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D8 JL6A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
28	W-SPL	TCB	M 22* 65			0.508	14	S10T		

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JL6A	55 kg
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APPROACH BRIDGE DIAPHRAGM SPLICE D8 JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL7							54 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D8 JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
JL8							46 kg			
D8							471 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D9 JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
JL1							46 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D9 JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		

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2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL2							54 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D9 JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL3							54 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D9 JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL4							54 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D9 JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL5							54 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D9 JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		

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2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL6							54 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D9 JL6A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
28	W-SPL	TCB	M 22* 65			0.508	14	S10T		
JL6A							55 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D9 JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL7							54 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D9 JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
JL8							46 kg			
D9							471 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D10 JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		

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1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
JL1							46 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D10 JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL2							54 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D10 JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL3							54 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D10 JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL4							54 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D10 JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		

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1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL5							54 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D10 JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL6							54 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D10 JL6A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
28	W-SPL	TCB	M 22* 65			0.508	14	S10T		
JL6A							55 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D10 JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL7							54 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D10 JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		

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1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
JL8							46 kg			
D10							471 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D11 JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
JL1							46 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D11 JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL2							54 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D11 JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL3							54 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D11 JL4										

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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL4							54 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D11 JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL5							54 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D11 JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL6							54 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D11 JL6A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
28	W-SPL	TCB	M 22* 65			0.508	14	S10T		
JL6A							55 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D11 JL7										

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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400			
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400			
8	F-SPL	TCB	M 22* 65			0.508	4	S10T			
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400			
26	W-SPL	TCB	M 22* 65			0.508	13	S10T			
							JL7				54 kg

APPROACH BRIDGE DIAPHRAGM SPLICE D11 JL8											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400			
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400			
8	F-SPL	TCB	M 22* 65			0.508	4	S10T			
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400			
21	W-SPL	TCB	M 22* 65			0.508	11	S10T			
							JL8				46 kg
							D11				471 kg

APPROACH BRIDGE DIAPHRAGM SPLICE D12 JL1											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400			
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400			
8	F-SPL	TCB	M 22* 65			0.508	4	S10T			
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400			
21	W-SPL	TCB	M 22* 65			0.508	11	S10T			
							JL1				46 kg

APPROACH BRIDGE DIAPHRAGM SPLICE D12 JL2											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400			
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400			
8	F-SPL	TCB	M 22* 65			0.508	4	S10T			
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400			
26	W-SPL	TCB	M 22* 65			0.508	13	S10T			
							JL2				54 kg

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APPROACH BRIDGE DIAPHRAGM SPLICE D12 JL3											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400			
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400			
8	F-SPL	TCB	M 22* 65			0.508	4	S10T			
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400			
26	W-SPL	TCB	M 22* 65			0.508	13	S10T			
							JL3				54 kg

APPROACH BRIDGE DIAPHRAGM SPLICE D12 JL4											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400			
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400			
8	F-SPL	TCB	M 22* 65			0.508	4	S10T			
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400			
26	W-SPL	TCB	M 22* 65			0.508	13	S10T			
							JL4				54 kg

APPROACH BRIDGE DIAPHRAGM SPLICE D12 JL5											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400			
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400			
8	F-SPL	TCB	M 22* 65			0.508	4	S10T			
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400			
26	W-SPL	TCB	M 22* 65			0.508	13	S10T			
							JL5				54 kg

APPROACH BRIDGE DIAPHRAGM SPLICE D12 JL6											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400			
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400			
8	F-SPL	TCB	M 22* 65			0.508	4	S10T			
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400			
26	W-SPL	TCB	M 22* 65			0.508	13	S10T			
							JL6				54 kg

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APPROACH BRIDGE DIAPHRAGM SPLICE D12 JL6A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
28	W-SPL	TCB	M 22* 65			0.508	14	S10T		
JL6A							55 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D12 JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL7							54 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D12 JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
JL8							46 kg			
D12							471 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D13 JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		

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JL1	46 kg
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APPROACH BRIDGE DIAPHRAGM SPLICE D13 JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL2							54 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D13 JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL3							54 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D13 JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL4							54 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D13 JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		

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JL5	54 kg
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APPROACH BRIDGE DIAPHRAGM SPLICE D13 JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL6							54 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D13 JL6A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
28	W-SPL	TCB	M 22* 65			0.508	14	S10T		
JL6A							55 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D13 JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL7							54 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D13 JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		

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JL8	46 kg
D13	471 kg

APPROACH BRIDGE DIAPHRAGM SPLICE D14 JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
							JL1	46 kg		

APPROACH BRIDGE DIAPHRAGM SPLICE D14 JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
							JL2	54 kg		

APPROACH BRIDGE DIAPHRAGM SPLICE D14 JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
							JL3	54 kg		

APPROACH BRIDGE DIAPHRAGM SPLICE D14 JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		

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26	W-SPL	TCB	M 22* 65			0.508	13	S10T			
							JL4	54 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D14 JL5											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400			
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400			
8	F-SPL	TCB	M 22* 65			0.508	4	S10T			
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400			
26	W-SPL	TCB	M 22* 65			0.508	13	S10T			
							JL5	54 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D14 JL6											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400			
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400			
8	F-SPL	TCB	M 22* 65			0.508	4	S10T			
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400			
26	W-SPL	TCB	M 22* 65			0.508	13	S10T			
							JL6	54 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D14 JL6A											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400			
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400			
8	F-SPL	TCB	M 22* 65			0.508	4	S10T			
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400			
28	W-SPL	TCB	M 22* 65			0.508	14	S10T			
							JL6A	55 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D14 JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		

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26	W-SPL	TCB	M 22* 65			0.508	13	S10T			
							JL7	54 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D14 JL8											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400			
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400			
8	F-SPL	TCB	M 22* 65			0.508	4	S10T			
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400			
21	W-SPL	TCB	M 22* 65			0.508	11	S10T			
							JL8	46 kg			
							D14	471 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D15 JL1											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400			
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400			
8	F-SPL	TCB	M 22* 65			0.508	4	S10T			
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400			
21	W-SPL	TCB	M 22* 65			0.508	11	S10T			
							JL1	46 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D15 JL2											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400			
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400			
8	F-SPL	TCB	M 22* 65			0.508	4	S10T			
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400			
26	W-SPL	TCB	M 22* 65			0.508	13	S10T			
							JL2	54 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D15 JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		

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8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL3							54 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D15 JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL4							54 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D15 JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL5							54 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D15 JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL6							54 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D15 JL6A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		

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8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
28	W-SPL	TCB	M 22* 65			0.508	14	S10T		
JL6A							55 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D15 JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL7							54 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D15 JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
JL8							46 kg			
D15							471 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D16 JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
JL1							46 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D16 JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks

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2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL2										54 kg

APPROACH BRIDGE DIAPHRAGM SPLICE D16 JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL3										54 kg

APPROACH BRIDGE DIAPHRAGM SPLICE D16 JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL4										54 kg

APPROACH BRIDGE DIAPHRAGM SPLICE D16 JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL5										54 kg

APPROACH BRIDGE DIAPHRAGM SPLICE D16 JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks

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2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
							JL6			
							54 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D16 JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
							JL7			
							54 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D16 JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
							JL8			
							46 kg			
							D16			
							416 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D17 JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
							JL1			
							46 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D17 JL2										
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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL2							54 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D17 JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL3							54 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D17 JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL4							54 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D17 JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL5							54 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D17 JL6										
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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400			
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400			
8	F-SPL	TCB	M 22* 65			0.508	4	S10T			
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400			
26	W-SPL	TCB	M 22* 65			0.508	13	S10T			
							JL6				54 kg

APPROACH BRIDGE DIAPHRAGM SPLICE D17 JL7											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400			
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400			
8	F-SPL	TCB	M 22* 65			0.508	4	S10T			
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400			
26	W-SPL	TCB	M 22* 65			0.508	13	S10T			
							JL7				54 kg

APPROACH BRIDGE DIAPHRAGM SPLICE D17 JL8											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400			
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400			
8	F-SPL	TCB	M 22* 65			0.508	4	S10T			
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400			
21	W-SPL	TCB	M 22* 65			0.508	11	S10T			
							JL8				46 kg
							D17				416 kg

APPROACH BRIDGE DIAPHRAGM SPLICE D18 JL1											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400			
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400			
8	F-SPL	TCB	M 22* 65			0.508	4	S10T			
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400			
21	W-SPL	TCB	M 22* 65			0.508	11	S10T			
							JL1				46 kg

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APPROACH BRIDGE DIAPHRAGM SPLICE D18 JL2											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400			
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400			
8	F-SPL	TCB	M 22* 65			0.508	4	S10T			
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400			
26	W-SPL	TCB	M 22* 65			0.508	13	S10T			
							JL2				54 kg

APPROACH BRIDGE DIAPHRAGM SPLICE D18 JL3											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400			
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400			
8	F-SPL	TCB	M 22* 65			0.508	4	S10T			
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400			
26	W-SPL	TCB	M 22* 65			0.508	13	S10T			
							JL3				54 kg

APPROACH BRIDGE DIAPHRAGM SPLICE D18 JL4											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400			
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400			
8	F-SPL	TCB	M 22* 65			0.508	4	S10T			
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400			
26	W-SPL	TCB	M 22* 65			0.508	13	S10T			
							JL4				54 kg

APPROACH BRIDGE DIAPHRAGM SPLICE D18 JL5											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400			
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400			
8	F-SPL	TCB	M 22* 65			0.508	4	S10T			
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400			
26	W-SPL	TCB	M 22* 65			0.508	13	S10T			
							JL5				54 kg

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APPROACH BRIDGE DIAPHRAGM SPLICE D18 JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
							JL6			
							54 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D18 JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
							JL7			
							54 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D18 JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
							JL8			
							46 kg			
							D18			
							416 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D19 JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		

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JL1	46 kg
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APPROACH BRIDGE DIAPHRAGM SPLICE D19 JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
							JL2	54 kg		

APPROACH BRIDGE DIAPHRAGM SPLICE D19 JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
							JL3	54 kg		

APPROACH BRIDGE DIAPHRAGM SPLICE D19 JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
							JL4	54 kg		

APPROACH BRIDGE DIAPHRAGM SPLICE D19 JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		

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JL5	54 kg
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APPROACH BRIDGE DIAPHRAGM SPLICE D19 JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL6							54 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D19 JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL7							54 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D19 JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
JL8							46 kg			
D19							416 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D20 JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		

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2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
JL1							46 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D20 JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL2							54 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D20 JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL3							54 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D20 JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL4							54 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D20 JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		

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2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL5							54 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D20 JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL6							54 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D20 JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL7							54 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D20 JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
JL8							46 kg			
D20							416 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D21 JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		

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1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
JL1							46 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D21 JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL2							54 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D21 JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL3							54 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D21 JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL4							54 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D21 JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		

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1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL5							54 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D21 JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL6							54 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D21 JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL7							54 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D21 JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
JL8							46 kg			
D21							416 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D22 JL1										
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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
JL1							46 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D22 JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL2							54 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D22 JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL3							54 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D22 JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL4							54 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D22 JL5										

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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL5							54 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D22 JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL6							54 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D22 JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL7							54 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D22 JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
JL8							46 kg			
D22							416 kg			

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APPROACH BRIDGE DIAPHRAGM SPLICE D23 JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
							JL1			
							46 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D23 JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
							JL2			
							54 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D23 JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
							JL3			
							54 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D23 JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
							JL4			
							54 kg			

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APPROACH BRIDGE DIAPHRAGM SPLICE D23 JL4A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
28	W-SPL	TCB	M 22* 65			0.508	14	S10T		
JL4A							55 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D23 JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL5							54 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D23 JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL6							54 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D23 JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL7							54 kg			

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APPROACH BRIDGE DIAPHRAGM SPLICE D23 JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
JL8							46 kg			
D23							471 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D24 JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
JL1							46 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D24 JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL2							54 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D24 JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		

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JL3	54 kg
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APPROACH BRIDGE DIAPHRAGM SPLICE D24 JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL4							54 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D24 JL4A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
28	W-SPL	TCB	M 22* 65			0.508	14	S10T		
JL4A							55 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D24 JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL5							54 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D24 JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		

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JL6	54 kg
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APPROACH BRIDGE DIAPHRAGM SPLICE D24 JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL7							54 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D24 JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
JL8							46 kg			
D24							471 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D25 JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
JL1							46 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D25 JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		

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26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL2						54 kg				

APPROACH BRIDGE DIAPHRAGM SPLICE D25 JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL3						54 kg				

APPROACH BRIDGE DIAPHRAGM SPLICE D25 JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL4						54 kg				

APPROACH BRIDGE DIAPHRAGM SPLICE D25 JL4A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
28	W-SPL	TCB	M 22* 65			0.508	14	S10T		
JL4A						55 kg				

APPROACH BRIDGE DIAPHRAGM SPLICE D25 JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		

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26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL5						54 kg				

APPROACH BRIDGE DIAPHRAGM SPLICE D25 JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL6						54 kg				

APPROACH BRIDGE DIAPHRAGM SPLICE D25 JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL7						54 kg				

APPROACH BRIDGE DIAPHRAGM SPLICE D25 JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
JL8						46 kg				
D25						471 kg				

APPROACH BRIDGE DIAPHRAGM SPLICE D26 JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		

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8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
JL1							46 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D26 JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL2							54 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D26 JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL3							54 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D26 JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL4							54 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D26 JL4A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		

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8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
28	W-SPL	TCB	M 22* 65			0.508	14	S10T		
JL4A							55 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D26 JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL5							54 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D26 JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL6							54 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D26 JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL7							54 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D26 JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		

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8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
JL8							46 kg			
D26										
							471 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D27 JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
JL1							46 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D27 JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL2							54 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D27 JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL3							54 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D27 JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks

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2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL4										54 kg

APPROACH BRIDGE DIAPHRAGM SPLICE D27 JL4A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
28	W-SPL	TCB	M 22* 65			0.508	14	S10T		
JL4A										55 kg

APPROACH BRIDGE DIAPHRAGM SPLICE D27 JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL5										54 kg

APPROACH BRIDGE DIAPHRAGM SPLICE D27 JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL6										54 kg

APPROACH BRIDGE DIAPHRAGM SPLICE D27 JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks

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2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL7							54 kg			

APPROACH BRIDGE DIAPHRAGM SPLICE D27 JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
JL8							46 kg			
D27							471 kg			
DIAPHRAGM SPLICE							12827 kg			
APPROACH BRIDGE							12827 kg			

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APPROACH BRIDGE CROSSBEAM R1 LL1-JL1											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	FLG	PL	230* 10	1024	78.50	18.5	18	SM400A			
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65		
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A			
							LL1-JL1				53 kg

APPROACH BRIDGE CROSSBEAM R1 JL1-JL2											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	FLG	PL	230* 10	633	78.50	11.4	11	SM400A			
1	FLG	PL	230* 10	168	78.50	3.03	3	SM400A			
1	CR-FLG	PL	230* 10	2545	78.50	46.0	46	SM400A			
1	CR-FLG	PL	100* 10	1721	78.50	13.5	14	SM400A			
1	WEB	PL	788* 9	609	70.65	18.6	19	SM400A	55		
1	CR-WEB	PL	800* 9	2990	70.65	169	169	SM400A			
1	CR-WEB	PL	400* 9	1714	70.65	48.4	48	SM400A			
1	WEB	PL	803* 9	168	70.65	9.53	10	SM400A			
2	CR-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A			
1	CR-VSTF	PL	240* 19	1808	149.2	64.7	65	SM400A			
1	CR-VSTF	PL	240* 19	1510	149.2	54.1	54	SM400A			
							JL1-JL2				445 kg

APPROACH BRIDGE CROSSBEAM R1 JL2-JL3											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	FLG	PL	230* 10	1285	78.50	23.2	23	SM400A			
1	WEB	PL	800* 9	1301	70.65	62.5	62	SM400A	85		
1	VSTF	PL	90* 9	495	70.65	3.15	3	SM400A			
							JL2-JL3				88 kg

APPROACH BRIDGE CROSSBEAM R1 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	CR-FLG	PL	230* 10	2690	78.50	48.6	49	SM400A		
1	CR-FLG	PL	100* 10	2690	78.50	21.1	21	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		

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1	CR-WEB	PL	800* 9	2707	70.65	153	153	SM400A		
1	CR-WEB	PL	400* 9	2690	70.65	76.0	76	SM400A		
2	CR-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	CR-VSTF	PL	190* 15	1457	117.8	32.6	33	SM400A		
1	CR-VSTF	PL	190* 15	1507	117.8	33.7	34	SM400A		
JL3-JL4							402 kg			

APPROACH BRIDGE CROSSBEAM R1 JL4-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	2936	78.50	53.0	53	SM400A		
1	WEB	PL	829* 9	2935	70.65	146	146	SM400A	85	
2	VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
JL4-JL5							209 kg			

APPROACH BRIDGE CROSSBEAM R1 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	260* 10	169	78.50	3.45	3	SM400A		
1	CR-FLG	PL	260* 10	2691	78.50	54.9	55	SM400A		
1	CR-FLG	PL	100* 10	2690	78.50	21.1	21	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	CR-WEB	PL	800* 9	2707	70.65	153	153	SM400A		
1	CR-WEB	PL	400* 9	2690	70.65	76.0	76	SM400A		
2	CR-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	CR-VSTF	PL	190* 15	1457	117.8	32.6	33	SM400A		
1	CR-VSTF	PL	190* 15	1507	117.8	33.7	34	SM400A		
JL5-JL6							408 kg			

APPROACH BRIDGE CROSSBEAM R1 JL6-JL6A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	260* 10	1895	78.50	38.7	39	SM400A		
1	WEB	PL	800* 9	1911	70.65	91.8	92	SM400A	85	
1	VSTF	PL	90* 9	503	70.65	3.20	3	SM400A		
JL6-JL6A							134 kg			

APPROACH BRIDGE CROSSBEAM R1 JL6A-JL6B										
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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	260* 10	1915	78.50	39.1	39	SM400A		
1	WEB	PL	800* 9	1931	70.65	92.8	93	SM400A	85	
2	VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
JL6A-JL6B							138 kg			

APPROACH BRIDGE CROSSBEAM R1 JL6B-JL6C										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	260* 10	1915	78.50	39.1	39	SM400A		
1	WEB	PL	800* 9	1931	70.65	92.8	93	SM400A	85	
2	VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
JL6B-JL6C							138 kg			

APPROACH BRIDGE CROSSBEAM R1 JL6C-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	260* 10	1987	78.50	40.6	41	SM400A		
1	WEB	PL	800* 9	2003	70.65	96.2	96	SM400A	85	
1	VSTF	PL	90* 9	503	70.65	3.20	3	SM400A		
JL6C-JL7							140 kg			

APPROACH BRIDGE CROSSBEAM R1 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	260* 10	174	78.50	3.55	4	SM400A		
1	FLG	PL	230* 10	633	78.50	11.4	11	SM400A		
1	CR-FLG	PL	260* 10	2546	78.50	52.0	52	SM400A		
1	CR-FLG	PL	100* 10	1721	78.50	13.5	14	SM400A		
1	WEB	PL	788* 9	611	70.65	18.7	19	SM400A	55	
1	WEB	PL	803* 9	168	70.65	9.53	10	SM400A		
1	CR-WEB	PL	800* 9	2990	70.65	169	169	SM400A		
1	CR-WEB	PL	400* 9	1714	70.65	48.4	48	SM400A		
2	CR-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	CR-VSTF	PL	240* 19	1808	149.2	64.7	65	SM400A		
1	CR-VSTF	PL	240* 19	1510	149.2	54.1	54	SM400A		
JL7-JL8							452 kg			

APPROACH BRIDGE CROSSBEAM R1 JL8-RR1										
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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1024	78.50	18.5	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		
JL8-RR1							53 kg			
R1							2660 kg			

APPROACH BRIDGE CROSSBEAM R2 LL1-JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1024	78.50	18.5	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		
LL1-JL1							53 kg			

APPROACH BRIDGE CROSSBEAM R2 JL1-JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	633	78.50	11.4	11	SM400A		
1	FLG	PL	230* 10	168	78.50	3.03	3	SM400A		
1	CR-FLG	PL	230* 10	2545	78.50	46.0	46	SM400A		
1	CR-FLG	PL	100* 10	1721	78.50	13.5	14	SM400A		
1	WEB	PL	788* 9	609	70.65	18.6	19	SM400A	55	
1	CR-WEB	PL	800* 9	2990	70.65	169	169	SM400A		
1	CR-WEB	PL	400* 9	1714	70.65	48.4	48	SM400A		
1	WEB	PL	803* 9	168	70.65	9.53	10	SM400A		
2	CR-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	CR-VSTF	PL	240* 19	1808	149.2	64.7	65	SM400A		
1	CR-VSTF	PL	240* 19	1510	149.2	54.1	54	SM400A		
JL1-JL2							445 kg			

APPROACH BRIDGE CROSSBEAM R2 JL2-JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1285	78.50	23.2	23	SM400A		
1	WEB	PL	800* 9	1301	70.65	62.5	62	SM400A	85	
1	VSTF	PL	90* 9	495	70.65	3.15	3	SM400A		
JL2-JL3							88 kg			

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APPROACH BRIDGE CROSSBEAM R2 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	CR-FLG	PL	230* 10	2690	78.50	48.6	49	SM400A		
1	CR-FLG	PL	100* 10	2690	78.50	21.1	21	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	CR-WEB	PL	800* 9	2707	70.65	153	153	SM400A		
1	CR-WEB	PL	400* 9	2690	70.65	76.0	76	SM400A		
2	CR-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	CR-VSTF	PL	190* 15	1457	117.8	32.6	33	SM400A		
1	CR-VSTF	PL	190* 15	1507	117.8	33.7	34	SM400A		
JL3-JL4							402 kg			

APPROACH BRIDGE CROSSBEAM R2 JL4-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	2936	78.50	53.0	53	SM400A		
1	WEB	PL	829* 9	2935	70.65	146	146	SM400A	85	
2	VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
JL4-JL5							209 kg			

APPROACH BRIDGE CROSSBEAM R2 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	CR-FLG	PL	230* 10	2691	78.50	48.6	49	SM400A		
1	CR-FLG	PL	100* 10	2690	78.50	21.1	21	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	CR-WEB	PL	800* 9	2707	70.65	153	153	SM400A		
1	CR-WEB	PL	400* 9	2690	70.65	76.0	76	SM400A		
2	CR-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	CR-VSTF	PL	190* 15	1457	117.8	32.6	33	SM400A		
1	CR-VSTF	PL	190* 15	1507	117.8	33.7	34	SM400A		
JL5-JL6							402 kg			

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APPROACH BRIDGE CROSSBEAM R2 JL6-JL6A											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	FLG	PL	230* 10	1895	78.50	34.2	34	SM400A			
1	WEB	PL	800* 9	1911	70.65	91.8	92	SM400A	85		
1	VSTF	PL	90* 9	503	70.65	3.20	3	SM400A			
							JL6-JL6A				129 kg

APPROACH BRIDGE CROSSBEAM R2 JL6A-JL6B											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	FLG	PL	230* 10	1915	78.50	34.6	35	SM400A			
1	WEB	PL	800* 9	1931	70.65	92.8	93	SM400A	85		
2	VSTF	PL	90* 9	503	70.65	3.20	6	SM400A			
							JL6A-JL6B				134 kg

APPROACH BRIDGE CROSSBEAM R2 JL6B-JL6C											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	FLG	PL	230* 10	1915	78.50	34.6	35	SM400A			
1	WEB	PL	800* 9	1931	70.65	92.8	93	SM400A	85		
2	VSTF	PL	90* 9	503	70.65	3.20	6	SM400A			
							JL6B-JL6C				134 kg

APPROACH BRIDGE CROSSBEAM R2 JL6C-JL7											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	FLG	PL	230* 10	1749	78.50	31.6	32	SM400A			
1	WEB	PL	800* 9	1765	70.65	84.8	85	SM400A	85		
1	VSTF	PL	90* 9	503	70.65	3.20	3	SM400A			
							JL6C-JL7				120 kg

APPROACH BRIDGE CROSSBEAM R2 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	174	78.50	3.14	3	SM400A		
1	FLG	PL	230* 10	633	78.50	11.4	11	SM400A		
1	CR-FLG	PL	230* 10	2546	78.50	46.0	46	SM400A		
1	CR-FLG	PL	100* 10	1721	78.50	13.5	14	SM400A		
1	WEB	PL	788* 9	611	70.65	18.7	19	SM400A	55	

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1	WEB	PL	803* 9	168	70.65	9.53	10	SM400A		
1	CR-WEB	PL	800* 9	2990	70.65	169	169	SM400A		
1	CR-WEB	PL	400* 9	1714	70.65	48.4	48	SM400A		
2	CR-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	CR-VSTF	PL	240* 19	1808	149.2	64.7	65	SM400A		
1	CR-VSTF	PL	240* 19	1510	149.2	54.1	54	SM400A		
							JL7-JL8			
							445 kg			

APPROACH BRIDGE CROSSBEAM R2 JL8-RR1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1024	78.50	18.5	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		
							JL8-RR1			
							53 kg			
							R2			
							2614 kg			

APPROACH BRIDGE CROSSBEAM R3 LL1-JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1024	78.50	18.5	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		
							LL1-JL1			
							53 kg			

APPROACH BRIDGE CROSSBEAM R3 JL1-JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	633	78.50	11.4	11	SM400A		
1	FLG	PL	230* 10	168	78.50	3.03	3	SM400A		
1	CR-FLG	PL	230* 10	2545	78.50	46.0	46	SM400A		
1	CR-FLG	PL	100* 10	1721	78.50	13.5	14	SM400A		
1	WEB	PL	788* 9	609	70.65	18.6	19	SM400A	55	
1	CR-WEB	PL	800* 9	2990	70.65	169	169	SM400A		
1	CR-WEB	PL	400* 9	1714	70.65	48.4	48	SM400A		
1	WEB	PL	803* 9	168	70.65	9.53	10	SM400A		
2	CR-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	CR-VSTF	PL	240* 19	1808	149.2	64.7	65	SM400A		
1	CR-VSTF	PL	240* 19	1510	149.2	54.1	54	SM400A		

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JL1-JL2					445 kg					
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APPROACH BRIDGE CROSSBEAM R3 JL2-JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1285	78.50	23.2	23	SM400A		
1	WEB	PL	800* 9	1301	70.65	62.5	62	SM400A	85	
1	VSTF	PL	90* 9	495	70.65	3.15	3	SM400A		
JL2-JL3					88 kg					

APPROACH BRIDGE CROSSBEAM R3 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	CR-FLG	PL	230* 10	2690	78.50	48.6	49	SM400A		
1	CR-FLG	PL	100* 10	2690	78.50	21.1	21	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	CR-WEB	PL	800* 9	2707	70.65	153	153	SM400A		
1	CR-WEB	PL	400* 9	2690	70.65	76.0	76	SM400A		
2	CR-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	CR-VSTF	PL	190* 15	1457	117.8	32.6	33	SM400A		
1	CR-VSTF	PL	190* 15	1507	117.8	33.7	34	SM400A		
JL3-JL4					402 kg					

APPROACH BRIDGE CROSSBEAM R3 JL4-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	2936	78.50	53.0	53	SM400A		
1	WEB	PL	829* 9	2935	70.65	146	146	SM400A	85	
2	VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
JL4-JL5					209 kg					

APPROACH BRIDGE CROSSBEAM R3 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	CR-FLG	PL	230* 10	2691	78.50	48.6	49	SM400A		
1	CR-FLG	PL	100* 10	2690	78.50	21.1	21	SM400A		

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1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	CR-WEB	PL	800* 9	2707	70.65	153	153	SM400A		
1	CR-WEB	PL	400* 9	2690	70.65	76.0	76	SM400A		
2	CR-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	CR-VSTF	PL	190* 15	1457	117.8	32.6	33	SM400A		
1	CR-VSTF	PL	190* 15	1507	117.8	33.7	34	SM400A		
JL5-JL6								402 kg		

APPROACH BRIDGE CROSSBEAM R3 JL6-JL6A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1895	78.50	34.2	34	SM400A		
1	WEB	PL	800* 9	1911	70.65	91.8	92	SM400A	85	
1	VSTF	PL	90* 9	503	70.65	3.20	3	SM400A		
JL6-JL6A								129 kg		

APPROACH BRIDGE CROSSBEAM R3 JL6A-JL6B										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1915	78.50	34.6	35	SM400A		
1	WEB	PL	800* 9	1931	70.65	92.8	93	SM400A	85	
2	VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
JL6A-JL6B								134 kg		

APPROACH BRIDGE CROSSBEAM R3 JL6B-JL6C										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1915	78.50	34.6	35	SM400A		
1	WEB	PL	800* 9	1931	70.65	92.8	93	SM400A	85	
2	VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
JL6B-JL6C								134 kg		

APPROACH BRIDGE CROSSBEAM R3 JL6C-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1502	78.50	27.1	27	SM400A		
1	WEB	PL	800* 9	1518	70.65	72.9	73	SM400A	85	
1	VSTF	PL	90* 9	503	70.65	3.20	3	SM400A		

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JL6C-JL7	103 kg
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APPROACH BRIDGE CROSSBEAM R3 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	174	78.50	3.14	3	SM400A		
1	FLG	PL	230* 10	633	78.50	11.4	11	SM400A		
1	CR-FLG	PL	230* 10	2546	78.50	46.0	46	SM400A		
1	CR-FLG	PL	100* 10	1721	78.50	13.5	14	SM400A		
1	WEB	PL	788* 9	611	70.65	18.7	19	SM400A	55	
1	WEB	PL	803* 9	168	70.65	9.53	10	SM400A		
1	CR-WEB	PL	800* 9	2990	70.65	169	169	SM400A		
1	CR-WEB	PL	400* 9	1714	70.65	48.4	48	SM400A		
2	CR-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	CR-VSTF	PL	240* 19	1808	149.2	64.7	65	SM400A		
1	CR-VSTF	PL	240* 19	1510	149.2	54.1	54	SM400A		
JL7-JL8							445 kg			

APPROACH BRIDGE CROSSBEAM R3 JL8-RR1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1024	78.50	18.5	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		
JL8-RR1							53 kg			
R3							2597 kg			

APPROACH BRIDGE CROSSBEAM R4 LL1-JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1024	78.50	18.5	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		
LL1-JL1							53 kg			

APPROACH BRIDGE CROSSBEAM R4 JL1-JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	633	78.50	11.4	11	SM400A		
1	FLG	PL	230* 10	168	78.50	3.03	3	SM400A		

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1	CR-FLG	PL	230* 10	2545	78.50	46.0	46	SM400A		
1	CR-FLG	PL	100* 10	1721	78.50	13.5	14	SM400A		
1	WEB	PL	788* 9	609	70.65	18.6	19	SM400A	55	
1	CR-WEB	PL	800* 9	2990	70.65	169	169	SM400A		
1	CR-WEB	PL	400* 9	1714	70.65	48.4	48	SM400A		
1	WEB	PL	803* 9	168	70.65	9.53	10	SM400A		
2	CR-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	CR-VSTF	PL	240* 19	1808	149.2	64.7	65	SM400A		
1	CR-VSTF	PL	240* 19	1510	149.2	54.1	54	SM400A		
JL1-JL2							445 kg			

APPROACH BRIDGE CROSSBEAM R4 JL2-JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1285	78.50	23.2	23	SM400A		
1	WEB	PL	800* 9	1301	70.65	62.5	62	SM400A	85	
1	VSTF	PL	90* 9	495	70.65	3.15	3	SM400A		
JL2-JL3							88 kg			

APPROACH BRIDGE CROSSBEAM R4 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	CR-FLG	PL	230* 10	2690	78.50	48.6	49	SM400A		
1	CR-FLG	PL	100* 10	2690	78.50	21.1	21	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	CR-WEB	PL	800* 9	2707	70.65	153	153	SM400A		
1	CR-WEB	PL	400* 9	2690	70.65	76.0	76	SM400A		
2	CR-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	CR-VSTF	PL	190* 15	1457	117.8	32.6	33	SM400A		
1	CR-VSTF	PL	190* 15	1507	117.8	33.7	34	SM400A		
JL3-JL4							402 kg			

APPROACH BRIDGE CROSSBEAM R4 JL4-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	2936	78.50	53.0	53	SM400A		
1	WEB	PL	829* 9	2935	70.65	146	146	SM400A	85	
2	VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		

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JL4-JL5	209 kg
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APPROACH BRIDGE CROSSBEAM R4 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	CR-FLG	PL	230* 10	2691	78.50	48.6	49	SM400A		
1	CR-FLG	PL	100* 10	2690	78.50	21.1	21	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	CR-WEB	PL	800* 9	2707	70.65	153	153	SM400A		
1	CR-WEB	PL	400* 9	2690	70.65	76.0	76	SM400A		
2	CR-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	CR-VSTF	PL	190* 15	1457	117.8	32.6	33	SM400A		
1	CR-VSTF	PL	190* 15	1507	117.8	33.7	34	SM400A		
JL5-JL6							402 kg			

APPROACH BRIDGE CROSSBEAM R4 JL6-JL6A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1895	78.50	34.2	34	SM400A		
1	WEB	PL	800* 9	1911	70.65	91.8	92	SM400A	85	
1	VSTF	PL	90* 9	503	70.65	3.20	3	SM400A		
JL6-JL6A							129 kg			

APPROACH BRIDGE CROSSBEAM R4 JL6A-JL6B										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1915	78.50	34.6	35	SM400A		
1	WEB	PL	800* 9	1931	70.65	92.8	93	SM400A	85	
2	VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
JL6A-JL6B							134 kg			

APPROACH BRIDGE CROSSBEAM R4 JL6B-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	3183	78.50	57.5	58	SM400A		
1	WEB	PL	800* 9	3199	70.65	154	154	SM400A	85	
3	VSTF	PL	90* 9	503	70.65	3.20	10	SM400A		

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JL6B-JL7	222 kg
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APPROACH BRIDGE CROSSBEAM R4 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	173	78.50	3.12	3	SM400A		
1	FLG	PL	230* 10	633	78.50	11.4	11	SM400A		
1	CR-FLG	PL	230* 10	2546	78.50	46.0	46	SM400A		
1	CR-FLG	PL	100* 10	1721	78.50	13.5	14	SM400A		
1	WEB	PL	788* 9	611	70.65	18.7	19	SM400A	55	
1	WEB	PL	803* 9	168	70.65	9.53	10	SM400A		
1	CR-WEB	PL	800* 9	2990	70.65	169	169	SM400A		
1	CR-WEB	PL	400* 9	1714	70.65	48.4	48	SM400A		
2	CR-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	CR-VSTF	PL	240* 19	1808	149.2	64.7	65	SM400A		
1	CR-VSTF	PL	240* 19	1510	149.2	54.1	54	SM400A		
JL7-JL8							445 kg			

APPROACH BRIDGE CROSSBEAM R4 JL8-RR1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1024	78.50	18.5	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		
JL8-RR1							53 kg			
R4							2582 kg			

APPROACH BRIDGE CROSSBEAM R5 LL1-JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1024	78.50	18.5	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		
LL1-JL1							53 kg			

APPROACH BRIDGE CROSSBEAM R5 JL1-JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	633	78.50	11.4	11	SM400A		

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1	FLG	PL	230* 10	168	78.50	3.03	3	SM400A		
1	CR-FLG	PL	230* 10	2545	78.50	46.0	46	SM400A		
1	CR-FLG	PL	100* 10	1721	78.50	13.5	14	SM400A		
1	WEB	PL	788* 9	609	70.65	18.6	19	SM400A	55	
1	CR-WEB	PL	800* 9	2990	70.65	169	169	SM400A		
1	CR-WEB	PL	400* 9	1714	70.65	48.4	48	SM400A		
1	WEB	PL	803* 9	168	70.65	9.53	10	SM400A		
2	CR-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	CR-VSTF	PL	240* 19	1808	149.2	64.7	65	SM400A		
1	CR-VSTF	PL	240* 19	1510	149.2	54.1	54	SM400A		
JL1-JL2							445 kg			

APPROACH BRIDGE CROSSBEAM R5 JL2-JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1285	78.50	23.2	23	SM400A		
1	WEB	PL	800* 9	1301	70.65	62.5	62	SM400A	85	
1	VSTF	PL	90* 9	495	70.65	3.15	3	SM400A		
JL2-JL3							88 kg			

APPROACH BRIDGE CROSSBEAM R5 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	168	78.50	3.03	3	SM400A		
1	CR-FLG	PL	230* 10	2690	78.50	48.6	49	SM400A		
1	CR-FLG	PL	100* 10	2690	78.50	21.1	21	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	CR-WEB	PL	800* 9	2707	70.65	153	153	SM400A		
1	CR-WEB	PL	400* 9	2690	70.65	76.0	76	SM400A		
2	CR-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	CR-VSTF	PL	190* 15	1457	117.8	32.6	33	SM400A		
1	CR-VSTF	PL	190* 15	1507	117.8	33.7	34	SM400A		
JL3-JL4							402 kg			

APPROACH BRIDGE CROSSBEAM R5 JL4-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	2936	78.50	53.0	53	SM400A		
1	WEB	PL	829* 9	2935	70.65	146	146	SM400A	85	

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2	VSTF	PL	90* 9	765	70.65	4.86	10	SM400A			
JL4-JL5							209 kg				

APPROACH BRIDGE CROSSBEAM R5 JL5-JL6											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A			
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A			
1	CR-FLG	PL	230* 10	2691	78.50	48.6	49	SM400A			
1	CR-FLG	PL	100* 10	2690	78.50	21.1	21	SM400A			
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A			
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A			
1	CR-WEB	PL	800* 9	2707	70.65	153	153	SM400A			
1	CR-WEB	PL	400* 9	2690	70.65	76.0	76	SM400A			
2	CR-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A			
1	CR-VSTF	PL	190* 15	1457	117.8	32.6	33	SM400A			
1	CR-VSTF	PL	190* 15	1507	117.8	33.7	34	SM400A			
JL5-JL6							402 kg				

APPROACH BRIDGE CROSSBEAM R5 JL6-JL6A											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	FLG	PL	230* 10	1895	78.50	34.2	34	SM400A			
1	WEB	PL	800* 9	1911	70.65	91.8	92	SM400A	85		
1	VSTF	PL	90* 9	503	70.65	3.20	3	SM400A			
JL6-JL6A							129 kg				

APPROACH BRIDGE CROSSBEAM R5 JL6A-JL6B											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	FLG	PL	230* 10	1915	78.50	34.6	35	SM400A			
1	WEB	PL	800* 9	1931	70.65	92.8	93	SM400A	85		
2	VSTF	PL	90* 9	503	70.65	3.20	6	SM400A			
JL6A-JL6B							134 kg				

APPROACH BRIDGE CROSSBEAM R5 JL6B-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	2955	78.50	53.3	53	SM400A		
1	WEB	PL	800* 9	2971	70.65	143	143	SM400A	85	

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2	VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
JL6B-JL7							202 kg			

APPROACH BRIDGE CROSSBEAM R5 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	173	78.50	3.12	3	SM400A		
1	FLG	PL	230* 10	633	78.50	11.4	11	SM400A		
1	CR-FLG	PL	230* 10	2546	78.50	46.0	46	SM400A		
1	CR-FLG	PL	100* 10	1721	78.50	13.5	14	SM400A		
1	WEB	PL	788* 9	611	70.65	18.7	19	SM400A	55	
1	WEB	PL	803* 9	168	70.65	9.53	10	SM400A		
1	CR-WEB	PL	800* 9	2990	70.65	169	169	SM400A		
1	CR-WEB	PL	400* 9	1714	70.65	48.4	48	SM400A		
2	CR-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	CR-VSTF	PL	240* 19	1808	149.2	64.7	65	SM400A		
1	CR-VSTF	PL	240* 19	1510	149.2	54.1	54	SM400A		
JL7-JL8							445 kg			

APPROACH BRIDGE CROSSBEAM R5 JL8-RR1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1024	78.50	18.5	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		
JL8-RR1							53 kg			
R5							2562 kg			

APPROACH BRIDGE CROSSBEAM R6 LL1-JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1024	78.50	18.5	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		
LL1-JL1							53 kg			

APPROACH BRIDGE CROSSBEAM R6 JL1-JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks

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1	FLG	PL	230* 10	633	78.50	11.4	11	SM400A		
1	FLG	PL	230* 10	168	78.50	3.03	3	SM400A		
1	CR-FLG	PL	230* 10	2545	78.50	46.0	46	SM400A		
1	CR-FLG	PL	100* 10	1721	78.50	13.5	14	SM400A		
1	WEB	PL	788* 9	609	70.65	18.6	19	SM400A	55	
1	CR-WEB	PL	800* 9	2990	70.65	169	169	SM400A		
1	CR-WEB	PL	400* 9	1714	70.65	48.4	48	SM400A		
1	WEB	PL	803* 9	168	70.65	9.53	10	SM400A		
2	CR-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	CR-VSTF	PL	240* 19	1808	149.2	64.7	65	SM400A		
1	CR-VSTF	PL	240* 19	1510	149.2	54.1	54	SM400A		
JL1-JL2								445 kg		

APPROACH BRIDGE CROSSBEAM R6 JL2-JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1285	78.50	23.2	23	SM400A		
1	WEB	PL	800* 9	1301	70.65	62.5	62	SM400A	85	
1	VSTF	PL	90* 9	495	70.65	3.15	3	SM400A		
JL2-JL3								88 kg		

APPROACH BRIDGE CROSSBEAM R6 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	168	78.50	3.03	3	SM400A		
1	CR-FLG	PL	230* 10	2690	78.50	48.6	49	SM400A		
1	CR-FLG	PL	100* 10	2690	78.50	21.1	21	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	CR-WEB	PL	800* 9	2707	70.65	153	153	SM400A		
1	CR-WEB	PL	400* 9	2690	70.65	76.0	76	SM400A		
2	CR-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	CR-VSTF	PL	190* 15	1457	117.8	32.6	33	SM400A		
1	CR-VSTF	PL	190* 15	1507	117.8	33.7	34	SM400A		
JL3-JL4								402 kg		

APPROACH BRIDGE CROSSBEAM R6 JL4-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	2936	78.50	53.0	53	SM400A		

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1	WEB	PL	829* 9	2935	70.65	146	146	SM400A	85	
2	VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
JL4-JL5							209 kg			

APPROACH BRIDGE CROSSBEAM R6 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	CR-FLG	PL	230* 10	2691	78.50	48.6	49	SM400A		
1	CR-FLG	PL	100* 10	2690	78.50	21.1	21	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	CR-WEB	PL	800* 9	2707	70.65	153	153	SM400A		
1	CR-WEB	PL	400* 9	2690	70.65	76.0	76	SM400A		
2	CR-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	CR-VSTF	PL	190* 15	1457	117.8	32.6	33	SM400A		
1	CR-VSTF	PL	190* 15	1507	117.8	33.7	34	SM400A		
JL5-JL6							402 kg			

APPROACH BRIDGE CROSSBEAM R6 JL6-JL6A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1895	78.50	34.2	34	SM400A		
1	WEB	PL	800* 9	1911	70.65	91.8	92	SM400A	85	
1	VSTF	PL	90* 9	503	70.65	3.20	3	SM400A		
JL6-JL6A							129 kg			

APPROACH BRIDGE CROSSBEAM R6 JL6A-JL6B										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1915	78.50	34.6	35	SM400A		
1	WEB	PL	800* 9	1931	70.65	92.8	93	SM400A	85	
2	VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
JL6A-JL6B							134 kg			

APPROACH BRIDGE CROSSBEAM R6 JL6B-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	2737	78.50	49.4	49	SM400A		

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1	WEB	PL	800* 9	2753	70.65	132	132	SM400A	85	
2	VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
JL6B-JL7							187 kg			

APPROACH BRIDGE CROSSBEAM R6 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	173	78.50	3.12	3	SM400A		
1	FLG	PL	230* 10	633	78.50	11.4	11	SM400A		
1	CR-FLG	PL	230* 10	2546	78.50	46.0	46	SM400A		
1	CR-FLG	PL	100* 10	1721	78.50	13.5	14	SM400A		
1	WEB	PL	788* 9	611	70.65	18.7	19	SM400A	55	
1	WEB	PL	803* 9	168	70.65	9.53	10	SM400A		
1	CR-WEB	PL	800* 9	2990	70.65	169	169	SM400A		
1	CR-WEB	PL	400* 9	1714	70.65	48.4	48	SM400A		
2	CR-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	CR-VSTF	PL	240* 19	1808	149.2	64.7	65	SM400A		
1	CR-VSTF	PL	240* 19	1510	149.2	54.1	54	SM400A		
JL7-JL8							445 kg			

APPROACH BRIDGE CROSSBEAM R6 JL8-RR1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1024	78.50	18.5	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		
JL8-RR1							53 kg			
R6							2547 kg			

APPROACH BRIDGE CROSSBEAM R7 LL1-JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1024	78.50	18.5	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		
LL1-JL1							53 kg			

APPROACH BRIDGE CROSSBEAM R7 JL1-JL2										
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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	633	78.50	11.4	11	SM400A		
1	FLG	PL	230* 10	168	78.50	3.03	3	SM400A		
1	CR-FLG	PL	230* 10	2545	78.50	46.0	46	SM400A		
1	CR-FLG	PL	100* 10	1721	78.50	13.5	14	SM400A		
1	WEB	PL	788* 9	609	70.65	18.6	19	SM400A	55	
1	CR-WEB	PL	800* 9	2990	70.65	169	169	SM400A		
1	CR-WEB	PL	400* 9	1714	70.65	48.4	48	SM400A		
1	WEB	PL	803* 9	168	70.65	9.53	10	SM400A		
2	CR-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	CR-VSTF	PL	240* 19	1808	149.2	64.7	65	SM400A		
1	CR-VSTF	PL	240* 19	1510	149.2	54.1	54	SM400A		
JL1-JL2							445 kg			

APPROACH BRIDGE CROSSBEAM R7 JL2-JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1285	78.50	23.2	23	SM400A		
1	WEB	PL	800* 9	1301	70.65	62.5	62	SM400A	85	
1	VSTF	PL	90* 9	495	70.65	3.15	3	SM400A		
JL2-JL3							88 kg			

APPROACH BRIDGE CROSSBEAM R7 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	168	78.50	3.03	3	SM400A		
1	CR-FLG	PL	230* 10	2690	78.50	48.6	49	SM400A		
1	CR-FLG	PL	100* 10	2690	78.50	21.1	21	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	CR-WEB	PL	800* 9	2707	70.65	153	153	SM400A		
1	CR-WEB	PL	400* 9	2690	70.65	76.0	76	SM400A		
2	CR-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	CR-VSTF	PL	190* 15	1457	117.8	32.6	33	SM400A		
1	CR-VSTF	PL	190* 15	1507	117.8	33.7	34	SM400A		
JL3-JL4							402 kg			

APPROACH BRIDGE CROSSBEAM R7 JL4-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks

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1	FLG	PL	230* 10	2936	78.50	53.0	53	SM400A		
1	WEB	PL	829* 9	2935	70.65	146	146	SM400A	85	
2	VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
JL4-JL5							209 kg			

APPROACH BRIDGE CROSSBEAM R7 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	CR-FLG	PL	230* 10	2691	78.50	48.6	49	SM400A		
1	CR-FLG	PL	100* 10	2690	78.50	21.1	21	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	CR-WEB	PL	800* 9	2707	70.65	153	153	SM400A		
1	CR-WEB	PL	400* 9	2690	70.65	76.0	76	SM400A		
2	CR-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	CR-VSTF	PL	190* 15	1457	117.8	32.6	33	SM400A		
1	CR-VSTF	PL	190* 15	1507	117.8	33.7	34	SM400A		
JL5-JL6							402 kg			

APPROACH BRIDGE CROSSBEAM R7 JL6-JL6A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1895	78.50	34.2	34	SM400A		
1	WEB	PL	800* 9	1911	70.65	91.8	92	SM400A	85	
1	VSTF	PL	90* 9	503	70.65	3.20	3	SM400A		
JL6-JL6A							129 kg			

APPROACH BRIDGE CROSSBEAM R7 JL6A-JL6B										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1915	78.50	34.6	35	SM400A		
1	WEB	PL	800* 9	1931	70.65	92.8	93	SM400A	85	
2	VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
JL6A-JL6B							134 kg			

APPROACH BRIDGE CROSSBEAM R7 JL6B-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks

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1	FLG	PL	230* 10	2531	78.50	45.7	46	SM400A		
1	WEB	PL	800* 9	2547	70.65	122	122	SM400A	85	
2	VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
							JL6B-JL7			
							174 kg			

APPROACH BRIDGE CROSSBEAM R7 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	173	78.50	3.12	3	SM400A		
1	FLG	PL	230* 10	633	78.50	11.4	11	SM400A		
1	CR-FLG	PL	230* 10	2546	78.50	46.0	46	SM400A		
1	CR-FLG	PL	100* 10	1721	78.50	13.5	14	SM400A		
1	WEB	PL	788* 9	611	70.65	18.7	19	SM400A	55	
1	WEB	PL	803* 9	168	70.65	9.53	10	SM400A		
1	CR-WEB	PL	800* 9	2990	70.65	169	169	SM400A		
1	CR-WEB	PL	400* 9	1714	70.65	48.4	48	SM400A		
2	CR-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	CR-VSTF	PL	240* 19	1808	149.2	64.7	65	SM400A		
1	CR-VSTF	PL	240* 19	1510	149.2	54.1	54	SM400A		
							JL7-JL8			
							445 kg			

APPROACH BRIDGE CROSSBEAM R7 JL8-RR1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1024	78.50	18.5	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		
							JL8-RR1			
							53 kg			
							R7			
							2534 kg			

APPROACH BRIDGE CROSSBEAM R8 LL1-JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1024	78.50	18.5	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		
							LL1-JL1			
							53 kg			

APPROACH BRIDGE CROSSBEAM R8 JL1-JL2										
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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	633	78.50	11.4	11	SM400A		
1	FLG	PL	230* 10	168	78.50	3.03	3	SM400A		
1	CR-FLG	PL	230* 10	2545	78.50	46.0	46	SM400A		
1	CR-FLG	PL	100* 10	1721	78.50	13.5	14	SM400A		
1	WEB	PL	788* 9	609	70.65	18.6	19	SM400A	55	
1	CR-WEB	PL	800* 9	2990	70.65	169	169	SM400A		
1	CR-WEB	PL	400* 9	1714	70.65	48.4	48	SM400A		
1	WEB	PL	803* 9	168	70.65	9.53	10	SM400A		
2	CR-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	CR-VSTF	PL	240* 19	1808	149.2	64.7	65	SM400A		
1	CR-VSTF	PL	240* 19	1510	149.2	54.1	54	SM400A		
JL1-JL2							445 kg			

APPROACH BRIDGE CROSSBEAM R8 JL2-JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1285	78.50	23.2	23	SM400A		
1	WEB	PL	800* 9	1301	70.65	62.5	62	SM400A	85	
1	VSTF	PL	90* 9	495	70.65	3.15	3	SM400A		
JL2-JL3							88 kg			

APPROACH BRIDGE CROSSBEAM R8 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	168	78.50	3.03	3	SM400A		
1	CR-FLG	PL	230* 10	2690	78.50	48.6	49	SM400A		
1	CR-FLG	PL	100* 10	2690	78.50	21.1	21	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	CR-WEB	PL	800* 9	2707	70.65	153	153	SM400A		
1	CR-WEB	PL	400* 9	2690	70.65	76.0	76	SM400A		
2	CR-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	CR-VSTF	PL	190* 15	1457	117.8	32.6	33	SM400A		
1	CR-VSTF	PL	190* 15	1507	117.8	33.7	34	SM400A		
JL3-JL4							402 kg			

APPROACH BRIDGE CROSSBEAM R8 JL4-JL5										

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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	2936	78.50	53.0	53	SM400A		
1	WEB	PL	829* 9	2935	70.65	146	146	SM400A	85	
2	VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
JL4-JL5							209 kg			

APPROACH BRIDGE CROSSBEAM R8 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	CR-FLG	PL	230* 10	2691	78.50	48.6	49	SM400A		
1	CR-FLG	PL	100* 10	2690	78.50	21.1	21	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	CR-WEB	PL	800* 9	2707	70.65	153	153	SM400A		
1	CR-WEB	PL	400* 9	2690	70.65	76.0	76	SM400A		
2	CR-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	CR-VSTF	PL	190* 15	1457	117.8	32.6	33	SM400A		
1	CR-VSTF	PL	190* 15	1507	117.8	33.7	34	SM400A		
JL5-JL6							402 kg			

APPROACH BRIDGE CROSSBEAM R8 JL6-JL6A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1895	78.50	34.2	34	SM400A		
1	WEB	PL	800* 9	1911	70.65	91.8	92	SM400A	85	
1	VSTF	PL	90* 9	503	70.65	3.20	3	SM400A		
JL6-JL6A							129 kg			

APPROACH BRIDGE CROSSBEAM R8 JL6A-JL6B										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1915	78.50	34.6	35	SM400A		
1	WEB	PL	800* 9	1931	70.65	92.8	93	SM400A	85	
2	VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
JL6A-JL6B							134 kg			

APPROACH BRIDGE CROSSBEAM R8 JL6B-JL7										

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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	2336	78.50	42.2	42	SM400A		
1	WEB	PL	800* 9	2352	70.65	113	113	SM400A	85	
2	VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
JL6B-JL7							161 kg			

APPROACH BRIDGE CROSSBEAM R8 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	172	78.50	3.11	3	SM400A		
1	FLG	PL	230* 10	633	78.50	11.4	11	SM400A		
1	CR-FLG	PL	230* 10	2546	78.50	46.0	46	SM400A		
1	CR-FLG	PL	100* 10	1721	78.50	13.5	14	SM400A		
1	WEB	PL	788* 9	611	70.65	18.7	19	SM400A	55	
1	WEB	PL	803* 9	168	70.65	9.53	10	SM400A		
1	CR-WEB	PL	800* 9	2990	70.65	169	169	SM400A		
1	CR-WEB	PL	400* 9	1714	70.65	48.4	48	SM400A		
2	CR-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	CR-VSTF	PL	240* 19	1808	149.2	64.7	65	SM400A		
1	CR-VSTF	PL	240* 19	1510	149.2	54.1	54	SM400A		
JL7-JL8							445 kg			

APPROACH BRIDGE CROSSBEAM R8 JL8-RR1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1024	78.50	18.5	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		
JL8-RR1							53 kg			
R8							2521 kg			

APPROACH BRIDGE CROSSBEAM R9 LL1-JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1024	78.50	18.5	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		
LL1-JL1							53 kg			

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APPROACH BRIDGE CROSSBEAM R9 JL1-JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	633	78.50	11.4	11	SM400A		
1	FLG	PL	230* 10	168	78.50	3.03	3	SM400A		
1	CR-FLG	PL	230* 10	2545	78.50	46.0	46	SM400A		
1	CR-FLG	PL	100* 10	1721	78.50	13.5	14	SM400A		
1	WEB	PL	788* 9	609	70.65	18.6	19	SM400A	55	
1	CR-WEB	PL	800* 9	2990	70.65	169	169	SM400A		
1	CR-WEB	PL	400* 9	1714	70.65	48.4	48	SM400A		
1	WEB	PL	803* 9	168	70.65	9.53	10	SM400A		
2	CR-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	CR-VSTF	PL	240* 19	1808	149.2	64.7	65	SM400A		
1	CR-VSTF	PL	240* 19	1510	149.2	54.1	54	SM400A		
							445 kg			

APPROACH BRIDGE CROSSBEAM R9 JL2-JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1285	78.50	23.2	23	SM400A		
1	WEB	PL	800* 9	1301	70.65	62.5	62	SM400A	85	
1	VSTF	PL	90* 9	495	70.65	3.15	3	SM400A		
							88 kg			

APPROACH BRIDGE CROSSBEAM R9 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	168	78.50	3.03	3	SM400A		
1	CR-FLG	PL	230* 10	2690	78.50	48.6	49	SM400A		
1	CR-FLG	PL	100* 10	2690	78.50	21.1	21	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	CR-WEB	PL	800* 9	2707	70.65	153	153	SM400A		
1	CR-WEB	PL	400* 9	2690	70.65	76.0	76	SM400A		
2	CR-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	CR-VSTF	PL	190* 15	1457	117.8	32.6	33	SM400A		
1	CR-VSTF	PL	190* 15	1507	117.8	33.7	34	SM400A		
							402 kg			

APPROACH BRIDGE CROSSBEAM R9 JL4-JL5										
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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	2936	78.50	53.0	53	SM400A		
1	WEB	PL	829* 9	2935	70.65	146	146	SM400A	85	
2	VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
JL4-JL5							209 kg			

APPROACH BRIDGE CROSSBEAM R9 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	CR-FLG	PL	230* 10	2691	78.50	48.6	49	SM400A		
1	CR-FLG	PL	100* 10	2690	78.50	21.1	21	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	CR-WEB	PL	800* 9	2707	70.65	153	153	SM400A		
1	CR-WEB	PL	400* 9	2690	70.65	76.0	76	SM400A		
2	CR-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	CR-VSTF	PL	190* 15	1457	117.8	32.6	33	SM400A		
1	CR-VSTF	PL	190* 15	1507	117.8	33.7	34	SM400A		
JL5-JL6							402 kg			

APPROACH BRIDGE CROSSBEAM R9 JL6-JL6A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1895	78.50	34.2	34	SM400A		
1	WEB	PL	800* 9	1911	70.65	91.8	92	SM400A	85	
1	VSTF	PL	90* 9	503	70.65	3.20	3	SM400A		
JL6-JL6A							129 kg			

APPROACH BRIDGE CROSSBEAM R9 JL6A-JL6B										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1915	78.50	34.6	35	SM400A		
1	WEB	PL	800* 9	1931	70.65	92.8	93	SM400A	85	
2	VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
JL6A-JL6B							134 kg			

APPROACH BRIDGE CROSSBEAM R9 JL6B-JL7										
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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	2152	78.50	38.9	39	SM400A		
1	WEB	PL	800* 9	2168	70.65	104	104	SM400A	85	
2	VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
JL6B-JL7							149 kg			

APPROACH BRIDGE CROSSBEAM R9 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	172	78.50	3.11	3	SM400A		
1	FLG	PL	230* 10	633	78.50	11.4	11	SM400A		
1	CR-FLG	PL	230* 10	2546	78.50	46.0	46	SM400A		
1	CR-FLG	PL	100* 10	1721	78.50	13.5	14	SM400A		
1	WEB	PL	788* 9	611	70.65	18.7	19	SM400A	55	
1	WEB	PL	803* 9	168	70.65	9.53	10	SM400A		
1	CR-WEB	PL	800* 9	2990	70.65	169	169	SM400A		
1	CR-WEB	PL	400* 9	1714	70.65	48.4	48	SM400A		
2	CR-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	CR-VSTF	PL	240* 19	1808	149.2	64.7	65	SM400A		
1	CR-VSTF	PL	240* 19	1510	149.2	54.1	54	SM400A		
JL7-JL8							445 kg			

APPROACH BRIDGE CROSSBEAM R9 JL8-RR1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1024	78.50	18.5	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		
JL8-RR1							53 kg			
R9							2509 kg			

APPROACH BRIDGE CROSSBEAM R10 LL1-JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1024	78.50	18.5	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		
LL1-JL1							53 kg			

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APPROACH BRIDGE CROSSBEAM R10 JL1-JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	633	78.50	11.4	11	SM400A		
1	FLG	PL	230* 10	168	78.50	3.03	3	SM400A		
1	CR-FLG	PL	230* 10	2545	78.50	46.0	46	SM400A		
1	CR-FLG	PL	100* 10	1721	78.50	13.5	14	SM400A		
1	WEB	PL	788* 9	609	70.65	18.6	19	SM400A	55	
1	CR-WEB	PL	800* 9	2990	70.65	169	169	SM400A		
1	CR-WEB	PL	400* 9	1714	70.65	48.4	48	SM400A		
1	WEB	PL	803* 9	168	70.65	9.53	10	SM400A		
2	CR-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	CR-VSTF	PL	240* 19	1808	149.2	64.7	65	SM400A		
1	CR-VSTF	PL	240* 19	1510	149.2	54.1	54	SM400A		
JL1-JL2							445 kg			

APPROACH BRIDGE CROSSBEAM R10 JL2-JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1285	78.50	23.2	23	SM400A		
1	WEB	PL	800* 9	1301	70.65	62.5	62	SM400A	85	
1	VSTF	PL	90* 9	495	70.65	3.15	3	SM400A		
JL2-JL3							88 kg			

APPROACH BRIDGE CROSSBEAM R10 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	168	78.50	3.03	3	SM400A		
1	CR-FLG	PL	230* 10	2690	78.50	48.6	49	SM400A		
1	CR-FLG	PL	100* 10	2690	78.50	21.1	21	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	CR-WEB	PL	800* 9	2707	70.65	153	153	SM400A		
1	CR-WEB	PL	400* 9	2690	70.65	76.0	76	SM400A		
2	CR-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	CR-VSTF	PL	190* 15	1457	117.8	32.6	33	SM400A		
1	CR-VSTF	PL	190* 15	1507	117.8	33.7	34	SM400A		
JL3-JL4							402 kg			

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APPROACH BRIDGE CROSSBEAM R10 JL4-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	2936	78.50	53.0	53	SM400A		
1	WEB	PL	829* 9	2935	70.65	146	146	SM400A	85	
2	VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
JL4-JL5							209 kg			

APPROACH BRIDGE CROSSBEAM R10 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	CR-FLG	PL	230* 10	2691	78.50	48.6	49	SM400A		
1	CR-FLG	PL	100* 10	2690	78.50	21.1	21	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	CR-WEB	PL	800* 9	2707	70.65	153	153	SM400A		
1	CR-WEB	PL	400* 9	2690	70.65	76.0	76	SM400A		
2	CR-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	CR-VSTF	PL	190* 15	1457	117.8	32.6	33	SM400A		
1	CR-VSTF	PL	190* 15	1507	117.8	33.7	34	SM400A		
JL5-JL6							402 kg			

APPROACH BRIDGE CROSSBEAM R10 JL6-JL6A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1895	78.50	34.2	34	SM400A		
1	WEB	PL	800* 9	1911	70.65	91.8	92	SM400A	85	
1	VSTF	PL	90* 9	503	70.65	3.20	3	SM400A		
JL6-JL6A							129 kg			

APPROACH BRIDGE CROSSBEAM R10 JL6A-JL6B										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1915	78.50	34.6	35	SM400A		
1	WEB	PL	800* 9	1931	70.65	92.8	93	SM400A	85	
2	VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
JL6A-JL6B							134 kg			

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APPROACH BRIDGE CROSSBEAM R10 JL6B-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1978	78.50	35.7	36	SM400A		
1	WEB	PL	800* 9	1994	70.65	95.8	96	SM400A	85	
2	VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
							JL6B-JL7			
							138 kg			

APPROACH BRIDGE CROSSBEAM R10 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	172	78.50	3.11	3	SM400A		
1	FLG	PL	230* 10	633	78.50	11.4	11	SM400A		
1	CR-FLG	PL	230* 10	2546	78.50	46.0	46	SM400A		
1	CR-FLG	PL	100* 10	1721	78.50	13.5	14	SM400A		
1	WEB	PL	788* 9	611	70.65	18.7	19	SM400A	55	
1	WEB	PL	803* 9	168	70.65	9.53	10	SM400A		
1	CR-WEB	PL	800* 9	2990	70.65	169	169	SM400A		
1	CR-WEB	PL	400* 9	1714	70.65	48.4	48	SM400A		
2	CR-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	CR-VSTF	PL	240* 19	1808	149.2	64.7	65	SM400A		
1	CR-VSTF	PL	240* 19	1510	149.2	54.1	54	SM400A		
							JL7-JL8			
							445 kg			

APPROACH BRIDGE CROSSBEAM R10 JL8-RR1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1024	78.50	18.5	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		
							JL8-RR1			
							53 kg			
							R10			
							2498 kg			

APPROACH BRIDGE CROSSBEAM R11 LL1-JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1024	78.50	18.5	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		

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LL1-JL1	53 kg
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APPROACH BRIDGE CROSSBEAM R11 JL1-JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	633	78.50	11.4	11	SM400A		
1	FLG	PL	230* 10	168	78.50	3.03	3	SM400A		
1	CR-FLG	PL	230* 10	2545	78.50	46.0	46	SM400A		
1	CR-FLG	PL	100* 10	1721	78.50	13.5	14	SM400A		
1	WEB	PL	788* 9	609	70.65	18.6	19	SM400A	55	
1	CR-WEB	PL	800* 9	2990	70.65	169	169	SM400A		
1	CR-WEB	PL	400* 9	1714	70.65	48.4	48	SM400A		
1	WEB	PL	803* 9	168	70.65	9.53	10	SM400A		
2	CR-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	CR-VSTF	PL	240* 19	1808	149.2	64.7	65	SM400A		
1	CR-VSTF	PL	240* 19	1510	149.2	54.1	54	SM400A		
JL1-JL2							445 kg			

APPROACH BRIDGE CROSSBEAM R11 JL2-JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1285	78.50	23.2	23	SM400A		
1	WEB	PL	800* 9	1301	70.65	62.5	62	SM400A	85	
1	VSTF	PL	90* 9	495	70.65	3.15	3	SM400A		
JL2-JL3							88 kg			

APPROACH BRIDGE CROSSBEAM R11 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	168	78.50	3.03	3	SM400A		
1	CR-FLG	PL	230* 10	2690	78.50	48.6	49	SM400A		
1	CR-FLG	PL	100* 10	2690	78.50	21.1	21	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	CR-WEB	PL	800* 9	2707	70.65	153	153	SM400A		
1	CR-WEB	PL	400* 9	2690	70.65	76.0	76	SM400A		
2	CR-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	CR-VSTF	PL	190* 15	1457	117.8	32.6	33	SM400A		
1	CR-VSTF	PL	190* 15	1507	117.8	33.7	34	SM400A		
JL3-JL4							402 kg			

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APPROACH BRIDGE CROSSBEAM R11 JL4-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	2936	78.50	53.0	53	SM400A		
1	WEB	PL	829* 9	2935	70.65	146	146	SM400A	85	
2	VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
JL4-JL5							209 kg			

APPROACH BRIDGE CROSSBEAM R11 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	CR-FLG	PL	230* 10	2691	78.50	48.6	49	SM400A		
1	CR-FLG	PL	100* 10	2690	78.50	21.1	21	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	CR-WEB	PL	800* 9	2707	70.65	153	153	SM400A		
1	CR-WEB	PL	400* 9	2690	70.65	76.0	76	SM400A		
2	CR-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	CR-VSTF	PL	190* 15	1457	117.8	32.6	33	SM400A		
1	CR-VSTF	PL	190* 15	1507	117.8	33.7	34	SM400A		
JL5-JL6							402 kg			

APPROACH BRIDGE CROSSBEAM R11 JL6-JL6A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1895	78.50	34.2	34	SM400A		
1	WEB	PL	800* 9	1911	70.65	91.8	92	SM400A	85	
1	VSTF	PL	90* 9	503	70.65	3.20	3	SM400A		
JL6-JL6A							129 kg			

APPROACH BRIDGE CROSSBEAM R11 JL6A-JL6B										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1915	78.50	34.6	35	SM400A		
1	WEB	PL	800* 9	1931	70.65	92.8	93	SM400A	85	
2	VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
JL6A-JL6B							134 kg			

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APPROACH BRIDGE CROSSBEAM R11 JL6B-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1817	78.50	32.8	33	SM400A		
1	WEB	PL	800* 9	1833	70.65	88.0	88	SM400A	85	
2	VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
JL6B-JL7							127 kg			

APPROACH BRIDGE CROSSBEAM R11 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	171	78.50	3.09	3	SM400A		
1	FLG	PL	230* 10	633	78.50	11.4	11	SM400A		
1	CR-FLG	PL	230* 10	2546	78.50	46.0	46	SM400A		
1	CR-FLG	PL	100* 10	1721	78.50	13.5	14	SM400A		
1	WEB	PL	788* 9	611	70.65	18.7	19	SM400A	55	
1	WEB	PL	803* 9	168	70.65	9.53	10	SM400A		
1	CR-WEB	PL	800* 9	2990	70.65	169	169	SM400A		
1	CR-WEB	PL	400* 9	1714	70.65	48.4	48	SM400A		
2	CR-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	CR-VSTF	PL	240* 19	1808	149.2	64.7	65	SM400A		
1	CR-VSTF	PL	240* 19	1510	149.2	54.1	54	SM400A		
JL7-JL8							445 kg			

APPROACH BRIDGE CROSSBEAM R11 JL8-RR1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1024	78.50	18.5	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		
JL8-RR1							53 kg			
R11							2487 kg			

APPROACH BRIDGE CROSSBEAM R12 LL1-JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1024	78.50	18.5	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		

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LL1-JL1	53 kg
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APPROACH BRIDGE CROSSBEAM R12 JL1-JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	630	78.50	11.4	11	SM400A		
1	FLG	PL	230* 10	168	78.50	3.03	3	SM400A		
1	CR-FLG	PL	230* 10	2545	78.50	46.0	46	SM400A		
1	CR-FLG	PL	100* 10	1721	78.50	13.5	14	SM400A		
1	WEB	PL	788* 9	609	70.65	18.6	19	SM400A	55	
1	CR-WEB	PL	800* 9	2990	70.65	169	169	SM400A		
1	CR-WEB	PL	400* 9	1714	70.65	48.4	48	SM400A		
1	WEB	PL	803* 9	168	70.65	9.53	10	SM400A		
2	CR-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	CR-VSTF	PL	240* 19	1808	149.2	64.7	65	SM400A		
1	CR-VSTF	PL	240* 19	1510	149.2	54.1	54	SM400A		
JL1-JL2							445 kg			

APPROACH BRIDGE CROSSBEAM R12 JL2-JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1285	78.50	23.2	23	SM400A		
1	WEB	PL	800* 9	1301	70.65	62.5	62	SM400A	85	
1	VSTF	PL	90* 9	495	70.65	3.15	3	SM400A		
JL2-JL3							88 kg			

APPROACH BRIDGE CROSSBEAM R12 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	CR-FLG	PL	230* 10	2690	78.50	48.6	49	SM400A		
1	CR-FLG	PL	100* 10	2690	78.50	21.1	21	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	CR-WEB	PL	800* 9	2707	70.65	153	153	SM400A		
1	CR-WEB	PL	400* 9	2690	70.65	76.0	76	SM400A		
2	CR-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	CR-VSTF	PL	190* 15	1457	117.8	32.6	33	SM400A		
1	CR-VSTF	PL	190* 15	1507	117.8	33.7	34	SM400A		

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JL3-JL4	402 kg
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APPROACH BRIDGE CROSSBEAM R12 JL4-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	2936	78.50	53.0	53	SM400A		
1	WEB	PL	829* 9	2935	70.65	146	146	SM400A	85	
2	VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
JL4-JL5							209 kg			

APPROACH BRIDGE CROSSBEAM R12 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	CR-FLG	PL	230* 10	2691	78.50	48.6	49	SM400A		
1	CR-FLG	PL	100* 10	2690	78.50	21.1	21	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	CR-WEB	PL	800* 9	2707	70.65	153	153	SM400A		
1	CR-WEB	PL	400* 9	2690	70.65	76.0	76	SM400A		
2	CR-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	CR-VSTF	PL	190* 15	1457	117.8	32.6	33	SM400A		
1	CR-VSTF	PL	190* 15	1507	117.8	33.7	34	SM400A		
JL5-JL6							402 kg			

APPROACH BRIDGE CROSSBEAM R12 JL6-JL6A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1895	78.50	34.2	34	SM400A		
1	WEB	PL	800* 9	1911	70.65	91.8	92	SM400A	85	
1	VSTF	PL	90* 9	503	70.65	3.20	3	SM400A		
JL6-JL6A							129 kg			

APPROACH BRIDGE CROSSBEAM R12 JL6A-JL6B										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1915	78.50	34.6	35	SM400A		
1	WEB	PL	800* 9	1931	70.65	92.8	93	SM400A	85	
2	VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		

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JL6A-JL6B					134 kg					
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APPROACH BRIDGE CROSSBEAM R12 JL6B-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1666	78.50	30.1	30	SM400A		
1	WEB	PL	800* 9	1682	70.65	80.8	81	SM400A	85	
1	VSTF	PL	90* 9	503	70.65	3.20	3	SM400A		
JL6B-JL7					114 kg					

APPROACH BRIDGE CROSSBEAM R12 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	171	78.50	3.09	3	SM400A		
1	FLG	PL	230* 10	630	78.50	11.4	11	SM400A		
1	CR-FLG	PL	230* 10	2546	78.50	46.0	46	SM400A		
1	CR-FLG	PL	100* 10	1721	78.50	13.5	14	SM400A		
1	WEB	PL	788* 9	609	70.65	18.6	19	SM400A	55	
1	WEB	PL	803* 9	168	70.65	9.53	10	SM400A		
1	CR-WEB	PL	800* 9	2990	70.65	169	169	SM400A		
1	CR-WEB	PL	400* 9	1714	70.65	48.4	48	SM400A		
2	CR-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	CR-VSTF	PL	240* 19	1808	149.2	64.7	65	SM400A		
1	CR-VSTF	PL	240* 19	1510	149.2	54.1	54	SM400A		
JL7-JL8					445 kg					

APPROACH BRIDGE CROSSBEAM R12 JL8-RR1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1024	78.50	18.5	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		
JL8-RR1					53 kg					
R12					2474 kg					

APPROACH BRIDGE CROSSBEAM R13 LL1-JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1024	78.50	18.5	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	

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1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A			
LL1-JL1							53 kg				

APPROACH BRIDGE CROSSBEAM R13 JL1-JL2											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	FLG	PL	230* 10	630	78.50	11.4	11	SM400A			
1	FLG	PL	230* 10	168	78.50	3.03	3	SM400A			
1	CR-FLG	PL	230* 10	2545	78.50	46.0	46	SM400A			
1	CR-FLG	PL	100* 10	1721	78.50	13.5	14	SM400A			
1	WEB	PL	788* 9	609	70.65	18.6	19	SM400A	55		
1	CR-WEB	PL	800* 9	2990	70.65	169	169	SM400A			
1	CR-WEB	PL	400* 9	1714	70.65	48.4	48	SM400A			
1	WEB	PL	803* 9	168	70.65	9.53	10	SM400A			
2	CR-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A			
1	CR-VSTF	PL	240* 19	1808	149.2	64.7	65	SM400A			
1	CR-VSTF	PL	240* 19	1510	149.2	54.1	54	SM400A			
JL1-JL2							445 kg				

APPROACH BRIDGE CROSSBEAM R13 JL2-JL3											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	FLG	PL	230* 10	1285	78.50	23.2	23	SM400A			
1	WEB	PL	800* 9	1301	70.65	62.5	62	SM400A	85		
1	VSTF	PL	90* 9	495	70.65	3.15	3	SM400A			
JL2-JL3							88 kg				

APPROACH BRIDGE CROSSBEAM R13 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	CR-FLG	PL	230* 10	2690	78.50	48.6	49	SM400A		
1	CR-FLG	PL	100* 10	2690	78.50	21.1	21	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	CR-WEB	PL	800* 9	2707	70.65	153	153	SM400A		
1	CR-WEB	PL	400* 9	2690	70.65	76.0	76	SM400A		
2	CR-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	CR-VSTF	PL	190* 15	1457	117.8	32.6	33	SM400A		
1	CR-VSTF	PL	190* 15	1507	117.8	33.7	34	SM400A		

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JL3-JL4	402 kg
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APPROACH BRIDGE CROSSBEAM R13 JL4-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	2936	78.50	53.0	53	SM400A		
1	WEB	PL	829* 9	2935	70.65	146	146	SM400A	85	
2	VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
JL4-JL5							209 kg			

APPROACH BRIDGE CROSSBEAM R13 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	CR-FLG	PL	230* 10	2691	78.50	48.6	49	SM400A		
1	CR-FLG	PL	100* 10	2690	78.50	21.1	21	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	CR-WEB	PL	800* 9	2707	70.65	153	153	SM400A		
1	CR-WEB	PL	400* 9	2690	70.65	76.0	76	SM400A		
2	CR-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	CR-VSTF	PL	190* 15	1457	117.8	32.6	33	SM400A		
1	CR-VSTF	PL	190* 15	1507	117.8	33.7	34	SM400A		
JL5-JL6							402 kg			

APPROACH BRIDGE CROSSBEAM R13 JL6-JL6A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1895	78.50	34.2	34	SM400A		
1	WEB	PL	800* 9	1911	70.65	91.8	92	SM400A	85	
1	VSTF	PL	90* 9	503	70.65	3.20	3	SM400A		
JL6-JL6A							129 kg			

APPROACH BRIDGE CROSSBEAM R13 JL6A-JL6B										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1915	78.50	34.6	35	SM400A		
1	WEB	PL	800* 9	1931	70.65	92.8	93	SM400A	85	
2	VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		

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JL6A-JL6B		134 kg
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APPROACH BRIDGE CROSSBEAM R13 JL6B-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1526	78.50	27.6	28	SM400A		
1	WEB	PL	800* 9	1542	70.65	74.1	74	SM400A	85	
1	VSTF	PL	90* 9	503	70.65	3.20	3	SM400A		
JL6B-JL7							105 kg			

APPROACH BRIDGE CROSSBEAM R13 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	171	78.50	3.09	3	SM400A		
1	FLG	PL	230* 10	630	78.50	11.4	11	SM400A		
1	CR-FLG	PL	230* 10	2546	78.50	46.0	46	SM400A		
1	CR-FLG	PL	100* 10	1721	78.50	13.5	14	SM400A		
1	WEB	PL	788* 9	609	70.65	18.6	19	SM400A	55	
1	WEB	PL	803* 9	168	70.65	9.53	10	SM400A		
1	CR-WEB	PL	800* 9	2990	70.65	169	169	SM400A		
1	CR-WEB	PL	400* 9	1714	70.65	48.4	48	SM400A		
2	CR-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	CR-VSTF	PL	240* 19	1808	149.2	64.7	65	SM400A		
1	CR-VSTF	PL	240* 19	1510	149.2	54.1	54	SM400A		
JL7-JL8							445 kg			

APPROACH BRIDGE CROSSBEAM R13 JL8-RR1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1024	78.50	18.5	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		
JL8-RR1							53 kg			
R13							2465 kg			

APPROACH BRIDGE CROSSBEAM R14 LL1-JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1024	78.50	18.5	18	SM400A		

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1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		
LL1-JL1							53 kg			

APPROACH BRIDGE CROSSBEAM R14 JL1-JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	630	78.50	11.4	11	SM400A		
1	FLG	PL	230* 10	168	78.50	3.03	3	SM400A		
1	CR-FLG	PL	230* 10	2545	78.50	46.0	46	SM400A		
1	CR-FLG	PL	100* 10	1721	78.50	13.5	14	SM400A		
1	WEB	PL	788* 9	609	70.65	18.6	19	SM400A	55	
1	CR-WEB	PL	800* 9	2990	70.65	169	169	SM400A		
1	CR-WEB	PL	400* 9	1714	70.65	48.4	48	SM400A		
1	WEB	PL	803* 9	168	70.65	9.53	10	SM400A		
2	CR-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	CR-VSTF	PL	240* 19	1808	149.2	64.7	65	SM400A		
1	CR-VSTF	PL	240* 19	1510	149.2	54.1	54	SM400A		
JL1-JL2							445 kg			

APPROACH BRIDGE CROSSBEAM R14 JL2-JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1285	78.50	23.2	23	SM400A		
1	WEB	PL	800* 9	1301	70.65	62.5	62	SM400A	85	
1	VSTF	PL	90* 9	495	70.65	3.15	3	SM400A		
JL2-JL3							88 kg			

APPROACH BRIDGE CROSSBEAM R14 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	CR-FLG	PL	230* 10	2690	78.50	48.6	49	SM400A		
1	CR-FLG	PL	100* 10	2690	78.50	21.1	21	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	CR-WEB	PL	800* 9	2707	70.65	153	153	SM400A		
1	CR-WEB	PL	400* 9	2690	70.65	76.0	76	SM400A		
2	CR-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	CR-VSTF	PL	190* 15	1457	117.8	32.6	33	SM400A		

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1	CR-VSTF	PL	190* 15	1507	117.8	33.7	34	SM400A		
JL3-JL4							402 kg			

APPROACH BRIDGE CROSSBEAM R14 JL4-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	2936	78.50	53.0	53	SM400A		
1	WEB	PL	829* 9	2935	70.65	146	146	SM400A	85	
2	VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
JL4-JL5							209 kg			

APPROACH BRIDGE CROSSBEAM R14 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	CR-FLG	PL	230* 10	2691	78.50	48.6	49	SM400A		
1	CR-FLG	PL	100* 10	2690	78.50	21.1	21	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	CR-WEB	PL	800* 9	2707	70.65	153	153	SM400A		
1	CR-WEB	PL	400* 9	2690	70.65	76.0	76	SM400A		
2	CR-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	CR-VSTF	PL	190* 15	1457	117.8	32.6	33	SM400A		
1	CR-VSTF	PL	190* 15	1507	117.8	33.7	34	SM400A		
JL5-JL6							402 kg			

APPROACH BRIDGE CROSSBEAM R14 JL6-JL6A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1895	78.50	34.2	34	SM400A		
1	WEB	PL	800* 9	1911	70.65	91.8	92	SM400A	85	
1	VSTF	PL	90* 9	503	70.65	3.20	3	SM400A		
JL6-JL6A							129 kg			

APPROACH BRIDGE CROSSBEAM R14 JL6A-JL6B										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1915	78.50	34.6	35	SM400A		
1	WEB	PL	800* 9	1931	70.65	92.8	93	SM400A	85	

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2	VSTF	PL	90* 9	503	70.65	3.20	6	SM400A			
							JL6A-JL6B				
							134 kg				

APPROACH BRIDGE CROSSBEAM R14 JL6B-JL7											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	FLG	PL	230* 10	1397	78.50	25.2	25	SM400A			
1	WEB	PL	800* 9	1413	70.65	67.9	68	SM400A	85		
1	VSTF	PL	90* 9	503	70.65	3.20	3	SM400A			
							JL6B-JL7				
							96 kg				

APPROACH BRIDGE CROSSBEAM R14 JL7-JL8											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	FLG	PL	230* 10	171	78.50	3.09	3	SM400A			
1	FLG	PL	230* 10	630	78.50	11.4	11	SM400A			
1	CR-FLG	PL	230* 10	2546	78.50	46.0	46	SM400A			
1	CR-FLG	PL	100* 10	1721	78.50	13.5	14	SM400A			
1	WEB	PL	788* 9	609	70.65	18.6	19	SM400A	55		
1	WEB	PL	803* 9	168	70.65	9.53	10	SM400A			
1	CR-WEB	PL	800* 9	2990	70.65	169	169	SM400A			
1	CR-WEB	PL	400* 9	1714	70.65	48.4	48	SM400A			
2	CR-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A			
1	CR-VSTF	PL	240* 19	1808	149.2	64.7	65	SM400A			
1	CR-VSTF	PL	240* 19	1510	149.2	54.1	54	SM400A			
							JL7-JL8				
							445 kg				

APPROACH BRIDGE CROSSBEAM R14 JL8-RR1											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	FLG	PL	230* 10	1024	78.50	18.5	18	SM400A			
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65		
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A			
							JL8-RR1				
							53 kg				
							R14				
							2456 kg				

APPROACH BRIDGE CROSSBEAM R15 LL1-JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks

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1	FLG	PL	230* 10	1024	78.50	18.5	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		
LL1-JL1								53 kg		

APPROACH BRIDGE CROSSBEAM R15 JL1-JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	627	78.50	11.3	11	SM400A		
1	FLG	PL	230* 10	166	78.50	3.00	3	SM400A		
1	CR-FLG	PL	230* 10	2545	78.50	46.0	46	SM400A		
1	CR-FLG	PL	100* 10	1721	78.50	13.5	14	SM400A		
1	WEB	PL	787* 9	606	70.65	18.5	18	SM400A	55	
1	CR-WEB	PL	800* 9	2990	70.65	169	169	SM400A		
1	CR-WEB	PL	400* 9	1714	70.65	48.4	48	SM400A		
1	WEB	PL	803* 9	166	70.65	9.42	9	SM400A		
2	CR-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	CR-VSTF	PL	240* 19	1808	149.2	64.7	65	SM400A		
1	CR-VSTF	PL	240* 19	1510	149.2	54.1	54	SM400A		
JL1-JL2								443 kg		

APPROACH BRIDGE CROSSBEAM R15 JL2-JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1285	78.50	23.2	23	SM400A		
1	WEB	PL	800* 9	1301	70.65	62.5	62	SM400A	85	
1	VSTF	PL	90* 9	495	70.65	3.15	3	SM400A		
JL2-JL3								88 kg		

APPROACH BRIDGE CROSSBEAM R15 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	CR-FLG	PL	230* 10	2690	78.50	48.6	49	SM400A		
1	CR-FLG	PL	100* 10	2690	78.50	21.1	21	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	CR-WEB	PL	800* 9	2707	70.65	153	153	SM400A		
1	CR-WEB	PL	400* 9	2690	70.65	76.0	76	SM400A		
2	CR-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		

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1	CR-VSTF	PL	190* 15	1457	117.8	32.6	33	SM400A		
1	CR-VSTF	PL	190* 15	1507	117.8	33.7	34	SM400A		
JL3-JL4							402 kg			

APPROACH BRIDGE CROSSBEAM R15 JL4-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	2936	78.50	53.0	53	SM400A		
1	WEB	PL	829* 9	2935	70.65	146	146	SM400A	85	
2	VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
JL4-JL5							209 kg			

APPROACH BRIDGE CROSSBEAM R15 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	CR-FLG	PL	230* 10	2691	78.50	48.6	49	SM400A		
1	CR-FLG	PL	100* 10	2690	78.50	21.1	21	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	CR-WEB	PL	800* 9	2707	70.65	153	153	SM400A		
1	CR-WEB	PL	400* 9	2690	70.65	76.0	76	SM400A		
2	CR-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	CR-VSTF	PL	190* 15	1457	117.8	32.6	33	SM400A		
1	CR-VSTF	PL	190* 15	1507	117.8	33.7	34	SM400A		
JL5-JL6							402 kg			

APPROACH BRIDGE CROSSBEAM R15 JL6-JL6A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1895	78.50	34.2	34	SM400A		
1	WEB	PL	800* 9	1911	70.65	91.8	92	SM400A	85	
1	VSTF	PL	90* 9	503	70.65	3.20	3	SM400A		
JL6-JL6A							129 kg			

APPROACH BRIDGE CROSSBEAM R15 JL6A-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	3201	78.50	57.8	58	SM400A		

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1	WEB	PL	800* 9	3217	70.65	155	155	SM400A	85	
3	VSTF	PL	90* 9	503	70.65	3.20	10	SM400A		
JL6A-JL7							223 kg			

APPROACH BRIDGE CROSSBEAM R15 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	168	78.50	3.03	3	SM400A		
1	FLG	PL	230* 10	627	78.50	11.3	11	SM400A		
1	CR-FLG	PL	230* 10	2546	78.50	46.0	46	SM400A		
1	CR-FLG	PL	100* 10	1721	78.50	13.5	14	SM400A		
1	WEB	PL	787* 9	606	70.65	18.5	18	SM400A	55	
1	WEB	PL	803* 9	166	70.65	9.42	9	SM400A		
1	CR-WEB	PL	800* 9	2990	70.65	169	169	SM400A		
1	CR-WEB	PL	400* 9	1714	70.65	48.4	48	SM400A		
2	CR-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	CR-VSTF	PL	240* 19	1808	149.2	64.7	65	SM400A		
1	CR-VSTF	PL	240* 19	1510	149.2	54.1	54	SM400A		
JL7-JL8							443 kg			

APPROACH BRIDGE CROSSBEAM R15 JL8-RR1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1024	78.50	18.5	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		
JL8-RR1							53 kg			
R15							2445 kg			

APPROACH BRIDGE CROSSBEAM R16 LL1-JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1024	78.50	18.5	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		
LL1-JL1							53 kg			

APPROACH BRIDGE CROSSBEAM R16 JL1-JL2										

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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	627	78.50	11.3	11	SM400A		
1	FLG	PL	230* 10	166	78.50	3.00	3	SM400A		
1	CR-FLG	PL	230* 10	2545	78.50	46.0	46	SM400A		
1	CR-FLG	PL	100* 10	1721	78.50	13.5	14	SM400A		
1	WEB	PL	787* 9	606	70.65	18.5	18	SM400A	55	
1	CR-WEB	PL	800* 9	2990	70.65	169	169	SM400A		
1	CR-WEB	PL	400* 9	1714	70.65	48.4	48	SM400A		
1	WEB	PL	803* 9	166	70.65	9.42	9	SM400A		
2	CR-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	CR-VSTF	PL	240* 19	1808	149.2	64.7	65	SM400A		
1	CR-VSTF	PL	240* 19	1510	149.2	54.1	54	SM400A		
JL1-JL2							443 kg			

APPROACH BRIDGE CROSSBEAM R16 JL2-JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1285	78.50	23.2	23	SM400A		
1	WEB	PL	800* 9	1301	70.65	62.5	62	SM400A	85	
1	VSTF	PL	90* 9	495	70.65	3.15	3	SM400A		
JL2-JL3							88 kg			

APPROACH BRIDGE CROSSBEAM R16 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	CR-FLG	PL	230* 10	2690	78.50	48.6	49	SM400A		
1	CR-FLG	PL	100* 10	2690	78.50	21.1	21	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	CR-WEB	PL	800* 9	2707	70.65	153	153	SM400A		
1	CR-WEB	PL	400* 9	2690	70.65	76.0	76	SM400A		
2	CR-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	CR-VSTF	PL	190* 15	1457	117.8	32.6	33	SM400A		
1	CR-VSTF	PL	190* 15	1507	117.8	33.7	34	SM400A		
JL3-JL4							402 kg			

APPROACH BRIDGE CROSSBEAM R16 JL4-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks

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1	FLG	PL	230* 10	2936	78.50	53.0	53	SM400A		
1	WEB	PL	829* 9	2935	70.65	146	146	SM400A	85	
2	VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
JL4-JL5							209 kg			

APPROACH BRIDGE CROSSBEAM R16 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	CR-FLG	PL	230* 10	2691	78.50	48.6	49	SM400A		
1	CR-FLG	PL	100* 10	2690	78.50	21.1	21	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	CR-WEB	PL	800* 9	2707	70.65	153	153	SM400A		
1	CR-WEB	PL	400* 9	2690	70.65	76.0	76	SM400A		
2	CR-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	CR-VSTF	PL	190* 15	1457	117.8	32.6	33	SM400A		
1	CR-VSTF	PL	190* 15	1507	117.8	33.7	34	SM400A		
JL5-JL6							402 kg			

APPROACH BRIDGE CROSSBEAM R16 JL6-JL6A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1895	78.50	34.2	34	SM400A		
1	WEB	PL	800* 9	1911	70.65	91.8	92	SM400A	85	
1	VSTF	PL	90* 9	503	70.65	3.20	3	SM400A		
JL6-JL6A							129 kg			

APPROACH BRIDGE CROSSBEAM R16 JL6A-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	3097	78.50	55.9	56	SM400A		
1	WEB	PL	800* 9	3113	70.65	150	150	SM400A	85	
3	VSTF	PL	90* 9	503	70.65	3.20	10	SM400A		
JL6A-JL7							216 kg			

APPROACH BRIDGE CROSSBEAM R16 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks

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1	FLG	PL	230* 10	168	78.50	3.03	3	SM400A			
1	FLG	PL	230* 10	627	78.50	11.3	11	SM400A			
1	CR-FLG	PL	230* 10	2546	78.50	46.0	46	SM400A			
1	CR-FLG	PL	100* 10	1721	78.50	13.5	14	SM400A			
1	WEB	PL	787* 9	606	70.65	18.5	18	SM400A	55		
1	WEB	PL	803* 9	166	70.65	9.42	9	SM400A			
1	CR-WEB	PL	800* 9	2990	70.65	169	169	SM400A			
1	CR-WEB	PL	400* 9	1714	70.65	48.4	48	SM400A			
2	CR-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A			
1	CR-VSTF	PL	240* 19	1808	149.2	64.7	65	SM400A			
1	CR-VSTF	PL	240* 19	1510	149.2	54.1	54	SM400A			
							JL7-JL8				443 kg

APPROACH BRIDGE CROSSBEAM R16 JL8-RR1											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	FLG	PL	230* 10	1024	78.50	18.5	18	SM400A			
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65		
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A			
							JL8-RR1				53 kg
							R16				2438 kg

APPROACH BRIDGE CROSSBEAM R17 LL1-JL1											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	FLG	PL	230* 10	1024	78.50	18.5	18	SM400A			
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65		
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A			
							LL1-JL1				53 kg

APPROACH BRIDGE CROSSBEAM R17 JL1-JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	627	78.50	11.3	11	SM400A		
1	FLG	PL	230* 10	166	78.50	3.00	3	SM400A		
1	CR-FLG	PL	230* 10	2545	78.50	46.0	46	SM400A		
1	CR-FLG	PL	100* 10	1721	78.50	13.5	14	SM400A		
1	WEB	PL	787* 9	606	70.65	18.5	18	SM400A	55	
1	CR-WEB	PL	800* 9	2990	70.65	169	169	SM400A		
1	CR-WEB	PL	400* 9	1714	70.65	48.4	48	SM400A		

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1	WEB	PL	803* 9	166	70.65	9.42	9	SM400A		
2	CR-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	CR-VSTF	PL	240* 19	1808	149.2	64.7	65	SM400A		
1	CR-VSTF	PL	240* 19	1510	149.2	54.1	54	SM400A		
JL1-JL2							443 kg			

APPROACH BRIDGE CROSSBEAM R17 JL2-JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1285	78.50	23.2	23	SM400A		
1	WEB	PL	800* 9	1301	70.65	62.5	62	SM400A	85	
1	VSTF	PL	90* 9	495	70.65	3.15	3	SM400A		
JL2-JL3							88 kg			

APPROACH BRIDGE CROSSBEAM R17 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	CR-FLG	PL	230* 10	2690	78.50	48.6	49	SM400A		
1	CR-FLG	PL	100* 10	2690	78.50	21.1	21	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	CR-WEB	PL	800* 9	2707	70.65	153	153	SM400A		
1	CR-WEB	PL	400* 9	2690	70.65	76.0	76	SM400A		
2	CR-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	CR-VSTF	PL	190* 15	1457	117.8	32.6	33	SM400A		
1	CR-VSTF	PL	190* 15	1507	117.8	33.7	34	SM400A		
JL3-JL4							402 kg			

APPROACH BRIDGE CROSSBEAM R17 JL4-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	2936	78.50	53.0	53	SM400A		
1	WEB	PL	829* 9	2935	70.65	146	146	SM400A	85	
2	VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
JL4-JL5							209 kg			

APPROACH BRIDGE CROSSBEAM R17 JL5-JL6										

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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	CR-FLG	PL	230* 10	2691	78.50	48.6	49	SM400A		
1	CR-FLG	PL	100* 10	2690	78.50	21.1	21	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	CR-WEB	PL	800* 9	2707	70.65	153	153	SM400A		
1	CR-WEB	PL	400* 9	2690	70.65	76.0	76	SM400A		
2	CR-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	CR-VSTF	PL	190* 15	1457	117.8	32.6	33	SM400A		
1	CR-VSTF	PL	190* 15	1507	117.8	33.7	34	SM400A		
JL5-JL6							402 kg			

APPROACH BRIDGE CROSSBEAM R17 JL6-JL6A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1895	78.50	34.2	34	SM400A		
1	WEB	PL	800* 9	1911	70.65	91.8	92	SM400A	85	
1	VSTF	PL	90* 9	503	70.65	3.20	3	SM400A		
JL6-JL6A							129 kg			

APPROACH BRIDGE CROSSBEAM R17 JL6A-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	3002	78.50	54.2	54	SM400A		
1	WEB	PL	800* 9	3018	70.65	145	145	SM400A	85	
3	VSTF	PL	90* 9	503	70.65	3.20	10	SM400A		
JL6A-JL7							209 kg			

APPROACH BRIDGE CROSSBEAM R17 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	168	78.50	3.03	3	SM400A		
1	FLG	PL	230* 10	627	78.50	11.3	11	SM400A		
1	CR-FLG	PL	230* 10	2546	78.50	46.0	46	SM400A		
1	CR-FLG	PL	100* 10	1721	78.50	13.5	14	SM400A		
1	WEB	PL	787* 9	606	70.65	18.5	18	SM400A	55	
1	WEB	PL	803* 9	166	70.65	9.42	9	SM400A		
1	CR-WEB	PL	800* 9	2990	70.65	169	169	SM400A		
1	CR-WEB	PL	400* 9	1714	70.65	48.4	48	SM400A		

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2	CR-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	CR-VSTF	PL	240* 19	1808	149.2	64.7	65	SM400A		
1	CR-VSTF	PL	240* 19	1510	149.2	54.1	54	SM400A		
							443 kg			
JL7-JL8										

APPROACH BRIDGE CROSSBEAM R17 JL8-RR1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1024	78.50	18.5	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		
							53 kg			
JL8-RR1										
							2431 kg			
R17										

APPROACH BRIDGE CROSSBEAM R18 LL1-JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1024	78.50	18.5	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		
							53 kg			
LL1-JL1										

APPROACH BRIDGE CROSSBEAM R18 JL1-JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	627	78.50	11.3	11	SM400A		
1	FLG	PL	230* 10	166	78.50	3.00	3	SM400A		
1	CR-FLG	PL	230* 10	2545	78.50	46.0	46	SM400A		
1	CR-FLG	PL	100* 10	1721	78.50	13.5	14	SM400A		
1	WEB	PL	787* 9	606	70.65	18.5	18	SM400A	55	
1	CR-WEB	PL	800* 9	2990	70.65	169	169	SM400A		
1	CR-WEB	PL	400* 9	1714	70.65	48.4	48	SM400A		
1	WEB	PL	803* 9	166	70.65	9.42	9	SM400A		
2	CR-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	CR-VSTF	PL	240* 19	1808	149.2	64.7	65	SM400A		
1	CR-VSTF	PL	240* 19	1510	149.2	54.1	54	SM400A		
							443 kg			
JL1-JL2										

APPROACH BRIDGE CROSSBEAM R18 JL2-JL3										
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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1285	78.50	23.2	23	SM400A		
1	WEB	PL	800* 9	1301	70.65	62.5	62	SM400A	85	
1	VSTF	PL	90* 9	495	70.65	3.15	3	SM400A		
JL2-JL3							88 kg			

APPROACH BRIDGE CROSSBEAM R18 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	CR-FLG	PL	230* 10	2690	78.50	48.6	49	SM400A		
1	CR-FLG	PL	100* 10	2690	78.50	21.1	21	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	CR-WEB	PL	800* 9	2707	70.65	153	153	SM400A		
1	CR-WEB	PL	400* 9	2690	70.65	76.0	76	SM400A		
2	CR-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	CR-VSTF	PL	190* 15	1457	117.8	32.6	33	SM400A		
1	CR-VSTF	PL	190* 15	1507	117.8	33.7	34	SM400A		
JL3-JL4							402 kg			

APPROACH BRIDGE CROSSBEAM R18 JL4-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	2936	78.50	53.0	53	SM400A		
1	WEB	PL	829* 9	2935	70.65	146	146	SM400A	85	
2	VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
JL4-JL5							209 kg			

APPROACH BRIDGE CROSSBEAM R18 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	CR-FLG	PL	230* 10	2691	78.50	48.6	49	SM400A		
1	CR-FLG	PL	100* 10	2690	78.50	21.1	21	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	CR-WEB	PL	800* 9	2707	70.65	153	153	SM400A		

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1	CR-WEB	PL	400* 9	2690	70.65	76.0	76	SM400A		
2	CR-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	CR-VSTF	PL	190* 15	1457	117.8	32.6	33	SM400A		
1	CR-VSTF	PL	190* 15	1507	117.8	33.7	34	SM400A		
JL5-JL6							402 kg			

APPROACH BRIDGE CROSSBEAM R18 JL6-JL6A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1895	78.50	34.2	34	SM400A		
1	WEB	PL	800* 9	1911	70.65	91.8	92	SM400A	85	
1	VSTF	PL	90* 9	503	70.65	3.20	3	SM400A		
JL6-JL6A							129 kg			

APPROACH BRIDGE CROSSBEAM R18 JL6A-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	2918	78.50	52.7	53	SM400A		
1	WEB	PL	800* 9	2934	70.65	141	141	SM400A	85	
3	VSTF	PL	90* 9	503	70.65	3.20	10	SM400A		
JL6A-JL7							204 kg			

APPROACH BRIDGE CROSSBEAM R18 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	167	78.50	3.02	3	SM400A		
1	FLG	PL	230* 10	627	78.50	11.3	11	SM400A		
1	CR-FLG	PL	230* 10	2546	78.50	46.0	46	SM400A		
1	CR-FLG	PL	100* 10	1721	78.50	13.5	14	SM400A		
1	WEB	PL	787* 9	606	70.65	18.5	18	SM400A	55	
1	WEB	PL	803* 9	166	70.65	9.42	9	SM400A		
1	CR-WEB	PL	800* 9	2990	70.65	169	169	SM400A		
1	CR-WEB	PL	400* 9	1714	70.65	48.4	48	SM400A		
2	CR-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	CR-VSTF	PL	240* 19	1808	149.2	64.7	65	SM400A		
1	CR-VSTF	PL	240* 19	1510	149.2	54.1	54	SM400A		
JL7-JL8							443 kg			

APPROACH BRIDGE CROSSBEAM R18 JL8-RR1										

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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1024	78.50	18.5	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		
JL8-RR1							53 kg			
R18							2426 kg			

APPROACH BRIDGE CROSSBEAM R19 LL1-JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1024	78.50	18.5	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		
LL1-JL1							53 kg			

APPROACH BRIDGE CROSSBEAM R19 JL1-JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	630	78.50	11.4	11	SM400A		
1	FLG	PL	230* 10	168	78.50	3.03	3	SM400A		
1	CR-FLG	PL	230* 10	2545	78.50	46.0	46	SM400A		
1	CR-FLG	PL	100* 10	1721	78.50	13.5	14	SM400A		
1	WEB	PL	788* 9	609	70.65	18.6	19	SM400A	55	
1	CR-WEB	PL	800* 9	2990	70.65	169	169	SM400A		
1	CR-WEB	PL	400* 9	1714	70.65	48.4	48	SM400A		
1	WEB	PL	803* 9	168	70.65	9.53	10	SM400A		
2	CR-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	CR-VSTF	PL	240* 19	1808	149.2	64.7	65	SM400A		
1	CR-VSTF	PL	240* 19	1510	149.2	54.1	54	SM400A		
JL1-JL2							445 kg			

APPROACH BRIDGE CROSSBEAM R19 JL2-JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1285	78.50	23.2	23	SM400A		
1	WEB	PL	800* 9	1301	70.65	62.5	62	SM400A	85	
1	VSTF	PL	90* 9	495	70.65	3.15	3	SM400A		
JL2-JL3							88 kg			

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APPROACH BRIDGE CROSSBEAM R19 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	CR-FLG	PL	230* 10	2690	78.50	48.6	49	SM400A		
1	CR-FLG	PL	100* 10	2690	78.50	21.1	21	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	CR-WEB	PL	800* 9	2707	70.65	153	153	SM400A		
1	CR-WEB	PL	400* 9	2690	70.65	76.0	76	SM400A		
2	CR-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	CR-VSTF	PL	190* 15	1457	117.8	32.6	33	SM400A		
1	CR-VSTF	PL	190* 15	1507	117.8	33.7	34	SM400A		
							402 kg			

APPROACH BRIDGE CROSSBEAM R19 JL4-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	2936	78.50	53.0	53	SM400A		
1	WEB	PL	829* 9	2935	70.65	146	146	SM400A	85	
2	VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
							209 kg			

APPROACH BRIDGE CROSSBEAM R19 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	CR-FLG	PL	230* 10	2691	78.50	48.6	49	SM400A		
1	CR-FLG	PL	100* 10	2690	78.50	21.1	21	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	CR-WEB	PL	800* 9	2707	70.65	153	153	SM400A		
1	CR-WEB	PL	400* 9	2690	70.65	76.0	76	SM400A		
2	CR-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	CR-VSTF	PL	190* 15	1457	117.8	32.6	33	SM400A		
1	CR-VSTF	PL	190* 15	1507	117.8	33.7	34	SM400A		
							402 kg			

APPROACH BRIDGE CROSSBEAM R19 JL6-JL6A										
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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1895	78.50	34.2	34	SM400A		
1	WEB	PL	800* 9	1911	70.65	91.8	92	SM400A	85	
1	VSTF	PL	90* 9	503	70.65	3.20	3	SM400A		
JL6-JL6A							129 kg			

APPROACH BRIDGE CROSSBEAM R19 JL6A-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	2844	78.50	51.3	51	SM400A		
1	WEB	PL	800* 9	2860	70.65	137	137	SM400A	85	
3	VSTF	PL	90* 9	503	70.65	3.20	10	SM400A		
JL6A-JL7							198 kg			

APPROACH BRIDGE CROSSBEAM R19 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	630	78.50	11.4	11	SM400A		
1	CR-FLG	PL	230* 10	2546	78.50	46.0	46	SM400A		
1	CR-FLG	PL	100* 10	1721	78.50	13.5	14	SM400A		
1	WEB	PL	788* 9	609	70.65	18.6	19	SM400A	55	
1	WEB	PL	803* 9	168	70.65	9.53	10	SM400A		
1	CR-WEB	PL	800* 9	2990	70.65	169	169	SM400A		
1	CR-WEB	PL	400* 9	1714	70.65	48.4	48	SM400A		
2	CR-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	CR-VSTF	PL	240* 19	1808	149.2	64.7	65	SM400A		
1	CR-VSTF	PL	240* 19	1510	149.2	54.1	54	SM400A		
JL7-JL8							445 kg			

APPROACH BRIDGE CROSSBEAM R19 JL8-RR1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1024	78.50	18.5	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		
JL8-RR1							53 kg			
R19							2424 kg			

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APPROACH BRIDGE CROSSBEAM R20 LL1-JL1											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	FLG	PL	230* 10	1024	78.50	18.5	18	SM400A			
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65		
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A			
							LL1-JL1				53 kg

APPROACH BRIDGE CROSSBEAM R20 JL1-JL2											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	FLG	PL	230* 10	630	78.50	11.4	11	SM400A			
1	FLG	PL	230* 10	168	78.50	3.03	3	SM400A			
1	CR-FLG	PL	230* 10	2545	78.50	46.0	46	SM400A			
1	CR-FLG	PL	100* 10	1721	78.50	13.5	14	SM400A			
1	WEB	PL	788* 9	609	70.65	18.6	19	SM400A	55		
1	CR-WEB	PL	800* 9	2990	70.65	169	169	SM400A			
1	CR-WEB	PL	400* 9	1714	70.65	48.4	48	SM400A			
1	WEB	PL	803* 9	168	70.65	9.53	10	SM400A			
2	CR-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A			
1	CR-VSTF	PL	240* 19	1808	149.2	64.7	65	SM400A			
1	CR-VSTF	PL	240* 19	1510	149.2	54.1	54	SM400A			
							JL1-JL2				445 kg

APPROACH BRIDGE CROSSBEAM R20 JL2-JL3											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	FLG	PL	230* 10	1285	78.50	23.2	23	SM400A			
1	WEB	PL	800* 9	1301	70.65	62.5	62	SM400A	85		
1	VSTF	PL	90* 9	495	70.65	3.15	3	SM400A			
							JL2-JL3				88 kg

APPROACH BRIDGE CROSSBEAM R20 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	CR-FLG	PL	230* 10	2690	78.50	48.6	49	SM400A		
1	CR-FLG	PL	100* 10	2690	78.50	21.1	21	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		

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1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	CR-WEB	PL	800* 9	2707	70.65	153	153	SM400A		
1	CR-WEB	PL	400* 9	2690	70.65	76.0	76	SM400A		
2	CR-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	CR-VSTF	PL	190* 15	1457	117.8	32.6	33	SM400A		
1	CR-VSTF	PL	190* 15	1507	117.8	33.7	34	SM400A		
JL3-JL4								402 kg		

APPROACH BRIDGE CROSSBEAM R20 JL4-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	2936	78.50	53.0	53	SM400A		
1	WEB	PL	829* 9	2935	70.65	146	146	SM400A	85	
2	VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
JL4-JL5								209 kg		

APPROACH BRIDGE CROSSBEAM R20 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	CR-FLG	PL	230* 10	2691	78.50	48.6	49	SM400A		
1	CR-FLG	PL	100* 10	2690	78.50	21.1	21	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	CR-WEB	PL	800* 9	2707	70.65	153	153	SM400A		
1	CR-WEB	PL	400* 9	2690	70.65	76.0	76	SM400A		
2	CR-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	CR-VSTF	PL	190* 15	1457	117.8	32.6	33	SM400A		
1	CR-VSTF	PL	190* 15	1507	117.8	33.7	34	SM400A		
JL5-JL6								402 kg		

APPROACH BRIDGE CROSSBEAM R20 JL6-JL6A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1895	78.50	34.2	34	SM400A		
1	WEB	PL	800* 9	1911	70.65	91.8	92	SM400A	85	
1	VSTF	PL	90* 9	503	70.65	3.20	3	SM400A		
JL6-JL6A								129 kg		

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APPROACH BRIDGE CROSSBEAM R20 JL6A-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	2781	78.50	50.2	50	SM400A		
1	WEB	PL	800* 9	2797	70.65	134	134	SM400A	85	
3	VSTF	PL	90* 9	503	70.65	3.20	10	SM400A		
							JL6A-JL7			
							194 kg			

APPROACH BRIDGE CROSSBEAM R20 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	630	78.50	11.4	11	SM400A		
1	CR-FLG	PL	230* 10	2546	78.50	46.0	46	SM400A		
1	CR-FLG	PL	100* 10	1721	78.50	13.5	14	SM400A		
1	WEB	PL	788* 9	609	70.65	18.6	19	SM400A	55	
1	WEB	PL	803* 9	168	70.65	9.53	10	SM400A		
1	CR-WEB	PL	800* 9	2990	70.65	169	169	SM400A		
1	CR-WEB	PL	400* 9	1714	70.65	48.4	48	SM400A		
2	CR-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	CR-VSTF	PL	240* 19	1808	149.2	64.7	65	SM400A		
1	CR-VSTF	PL	240* 19	1510	149.2	54.1	54	SM400A		
							JL7-JL8			
							445 kg			

APPROACH BRIDGE CROSSBEAM R20 JL8-RR1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1024	78.50	18.5	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		
							JL8-RR1			
							53 kg			
							R20			
							2420 kg			

APPROACH BRIDGE CROSSBEAM R21 LL1-JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1024	78.50	18.5	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		

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LL1-JL1	53 kg
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APPROACH BRIDGE CROSSBEAM R21 JL1-JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	630	78.50	11.4	11	SM400A		
1	FLG	PL	230* 10	168	78.50	3.03	3	SM400A		
1	CR-FLG	PL	230* 10	2545	78.50	46.0	46	SM400A		
1	CR-FLG	PL	100* 10	1721	78.50	13.5	14	SM400A		
1	WEB	PL	788* 9	609	70.65	18.6	19	SM400A	55	
1	CR-WEB	PL	800* 9	2990	70.65	169	169	SM400A		
1	CR-WEB	PL	400* 9	1714	70.65	48.4	48	SM400A		
1	WEB	PL	803* 9	168	70.65	9.53	10	SM400A		
2	CR-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	CR-VSTF	PL	240* 19	1808	149.2	64.7	65	SM400A		
1	CR-VSTF	PL	240* 19	1510	149.2	54.1	54	SM400A		
JL1-JL2							445 kg			

APPROACH BRIDGE CROSSBEAM R21 JL2-JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1285	78.50	23.2	23	SM400A		
1	WEB	PL	800* 9	1301	70.65	62.5	62	SM400A	85	
1	VSTF	PL	90* 9	495	70.65	3.15	3	SM400A		
JL2-JL3							88 kg			

APPROACH BRIDGE CROSSBEAM R21 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	CR-FLG	PL	230* 10	2690	78.50	48.6	49	SM400A		
1	CR-FLG	PL	100* 10	2690	78.50	21.1	21	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	CR-WEB	PL	800* 9	2707	70.65	153	153	SM400A		
1	CR-WEB	PL	400* 9	2690	70.65	76.0	76	SM400A		
2	CR-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	CR-VSTF	PL	190* 15	1457	117.8	32.6	33	SM400A		
1	CR-VSTF	PL	190* 15	1507	117.8	33.7	34	SM400A		
JL3-JL4							402 kg			

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APPROACH BRIDGE CROSSBEAM R21 JL4-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	2936	78.50	53.0	53	SM400A		
1	WEB	PL	829* 9	2935	70.65	146	146	SM400A	85	
2	VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
JL4-JL5							209 kg			

APPROACH BRIDGE CROSSBEAM R21 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	CR-FLG	PL	230* 10	2691	78.50	48.6	49	SM400A		
1	CR-FLG	PL	100* 10	2690	78.50	21.1	21	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	CR-WEB	PL	800* 9	2707	70.65	153	153	SM400A		
1	CR-WEB	PL	400* 9	2690	70.65	76.0	76	SM400A		
2	CR-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	CR-VSTF	PL	190* 15	1457	117.8	32.6	33	SM400A		
1	CR-VSTF	PL	190* 15	1507	117.8	33.7	34	SM400A		
JL5-JL6							402 kg			

APPROACH BRIDGE CROSSBEAM R21 JL6-JL6A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1895	78.50	34.2	34	SM400A		
1	WEB	PL	800* 9	1911	70.65	91.8	92	SM400A	85	
1	VSTF	PL	90* 9	503	70.65	3.20	3	SM400A		
JL6-JL6A							129 kg			

APPROACH BRIDGE CROSSBEAM R21 JL6A-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	2729	78.50	49.3	49	SM400A		
1	WEB	PL	800* 9	2745	70.65	132	132	SM400A	85	
3	VSTF	PL	90* 9	503	70.65	3.20	10	SM400A		
JL6A-JL7							191 kg			

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APPROACH BRIDGE CROSSBEAM R21 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	630	78.50	11.4	11	SM400A		
1	CR-FLG	PL	230* 10	2546	78.50	46.0	46	SM400A		
1	CR-FLG	PL	100* 10	1721	78.50	13.5	14	SM400A		
1	WEB	PL	788* 9	609	70.65	18.6	19	SM400A	55	
1	WEB	PL	803* 9	168	70.65	9.53	10	SM400A		
1	CR-WEB	PL	800* 9	2990	70.65	169	169	SM400A		
1	CR-WEB	PL	400* 9	1714	70.65	48.4	48	SM400A		
2	CR-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	CR-VSTF	PL	240* 19	1808	149.2	64.7	65	SM400A		
1	CR-VSTF	PL	240* 19	1510	149.2	54.1	54	SM400A		
JL7-JL8							445 kg			

APPROACH BRIDGE CROSSBEAM R21 JL8-RR1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1024	78.50	18.5	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		
JL8-RR1							53 kg			
R21							2417 kg			

APPROACH BRIDGE CROSSBEAM R22 LL1-JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1024	78.50	18.5	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		
LL1-JL1							53 kg			

APPROACH BRIDGE CROSSBEAM R22 JL1-JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	630	78.50	11.4	11	SM400A		
1	FLG	PL	230* 10	168	78.50	3.03	3	SM400A		
1	CR-FLG	PL	230* 10	2545	78.50	46.0	46	SM400A		

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1	CR-FLG	PL	100* 10	1721	78.50	13.5	14	SM400A		
1	WEB	PL	788* 9	609	70.65	18.6	19	SM400A	55	
1	CR-WEB	PL	800* 9	2990	70.65	169	169	SM400A		
1	CR-WEB	PL	400* 9	1714	70.65	48.4	48	SM400A		
1	WEB	PL	803* 9	168	70.65	9.53	10	SM400A		
2	CR-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	CR-VSTF	PL	240* 19	1808	149.2	64.7	65	SM400A		
1	CR-VSTF	PL	240* 19	1510	149.2	54.1	54	SM400A		
JL1-JL2							445 kg			

APPROACH BRIDGE CROSSBEAM R22 JL2-JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1285	78.50	23.2	23	SM400A		
1	WEB	PL	800* 9	1301	70.65	62.5	62	SM400A	85	
1	VSTF	PL	90* 9	495	70.65	3.15	3	SM400A		
JL2-JL3							88 kg			

APPROACH BRIDGE CROSSBEAM R22 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	CR-FLG	PL	230* 10	2690	78.50	48.6	49	SM400A		
1	CR-FLG	PL	100* 10	2690	78.50	21.1	21	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	CR-WEB	PL	800* 9	2707	70.65	153	153	SM400A		
1	CR-WEB	PL	400* 9	2690	70.65	76.0	76	SM400A		
2	CR-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	CR-VSTF	PL	190* 15	1457	117.8	32.6	33	SM400A		
1	CR-VSTF	PL	190* 15	1507	117.8	33.7	34	SM400A		
JL3-JL4							402 kg			

APPROACH BRIDGE CROSSBEAM R22 JL4-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	2936	78.50	53.0	53	SM400A		
1	WEB	PL	829* 9	2935	70.65	146	146	SM400A	85	
2	VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		

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JL4-JL5	209 kg
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APPROACH BRIDGE CROSSBEAM R22 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	CR-FLG	PL	230* 10	2691	78.50	48.6	49	SM400A		
1	CR-FLG	PL	100* 10	2690	78.50	21.1	21	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	CR-WEB	PL	800* 9	2707	70.65	153	153	SM400A		
1	CR-WEB	PL	400* 9	2690	70.65	76.0	76	SM400A		
2	CR-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	CR-VSTF	PL	190* 15	1457	117.8	32.6	33	SM400A		
1	CR-VSTF	PL	190* 15	1507	117.8	33.7	34	SM400A		
JL5-JL6										
402 kg										

APPROACH BRIDGE CROSSBEAM R22 JL6-JL6A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1895	78.50	34.2	34	SM400A		
1	WEB	PL	800* 9	1911	70.65	91.8	92	SM400A	85	
1	VSTF	PL	90* 9	503	70.65	3.20	3	SM400A		
JL6-JL6A										
129 kg										

APPROACH BRIDGE CROSSBEAM R22 JL6A-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	2689	78.50	48.6	49	SM400A		
1	WEB	PL	800* 9	2705	70.65	130	130	SM400A	85	
3	VSTF	PL	90* 9	503	70.65	3.20	10	SM400A		
JL6A-JL7										
189 kg										

APPROACH BRIDGE CROSSBEAM R22 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	168	78.50	3.03	3	SM400A		
1	FLG	PL	230* 10	630	78.50	11.4	11	SM400A		
1	CR-FLG	PL	230* 10	2546	78.50	46.0	46	SM400A		
1	CR-FLG	PL	100* 10	1721	78.50	13.5	14	SM400A		

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1	WEB	PL	788* 9	609	70.65	18.6	19	SM400A	55	
1	WEB	PL	803* 9	168	70.65	9.53	10	SM400A		
1	CR-WEB	PL	800* 9	2990	70.65	169	169	SM400A		
1	CR-WEB	PL	400* 9	1714	70.65	48.4	48	SM400A		
2	CR-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	CR-VSTF	PL	240* 19	1808	149.2	64.7	65	SM400A		
1	CR-VSTF	PL	240* 19	1510	149.2	54.1	54	SM400A		
JL7-JL8								445 kg		

APPROACH BRIDGE CROSSBEAM R22 JL8-RR1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1024	78.50	18.5	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		
JL8-RR1								53 kg		
R22								2415 kg		

APPROACH BRIDGE CROSSBEAM R23 LL1-JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1024	78.50	18.5	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		
LL1-JL1								53 kg		

APPROACH BRIDGE CROSSBEAM R23 JL1-JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	630	78.50	11.4	11	SM400A		
1	FLG	PL	230* 10	168	78.50	3.03	3	SM400A		
1	CR-FLG	PL	230* 10	2545	78.50	46.0	46	SM400A		
1	CR-FLG	PL	100* 10	1721	78.50	13.5	14	SM400A		
1	WEB	PL	788* 9	609	70.65	18.6	19	SM400A	55	
1	CR-WEB	PL	800* 9	2990	70.65	169	169	SM400A		
1	CR-WEB	PL	400* 9	1714	70.65	48.4	48	SM400A		
1	WEB	PL	803* 9	168	70.65	9.53	10	SM400A		
2	CR-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	CR-VSTF	PL	240* 19	1808	149.2	64.7	65	SM400A		
1	CR-VSTF	PL	240* 19	1510	149.2	54.1	54	SM400A		

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JL1-JL2		445 kg
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APPROACH BRIDGE CROSSBEAM R23 JL2-JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1285	78.50	23.2	23	SM400A		
1	WEB	PL	800* 9	1301	70.65	62.5	62	SM400A	85	
1	VSTF	PL	90* 9	495	70.65	3.15	3	SM400A		
JL2-JL3		88 kg								

APPROACH BRIDGE CROSSBEAM R23 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	CR-FLG	PL	230* 10	2690	78.50	48.6	49	SM400A		
1	CR-FLG	PL	100* 10	2690	78.50	21.1	21	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	CR-WEB	PL	800* 9	2707	70.65	153	153	SM400A		
1	CR-WEB	PL	400* 9	2690	70.65	76.0	76	SM400A		
2	CR-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	CR-VSTF	PL	190* 15	1457	117.8	32.6	33	SM400A		
1	CR-VSTF	PL	190* 15	1507	117.8	33.7	34	SM400A		
JL3-JL4		402 kg								

APPROACH BRIDGE CROSSBEAM R23 JL4-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	2936	78.50	53.0	53	SM400A		
1	WEB	PL	829* 9	2935	70.65	146	146	SM400A	85	
1	VSTF	PL	90* 9	765	70.65	4.86	5	SM400A		
JL4-JL5		204 kg								

APPROACH BRIDGE CROSSBEAM R23 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	CR-FLG	PL	230* 10	2691	78.50	48.6	49	SM400A		

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1	CR-FLG	PL	100* 10	2690	78.50	21.1	21	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	CR-WEB	PL	800* 9	2707	70.65	153	153	SM400A		
1	CR-WEB	PL	400* 9	2690	70.65	76.0	76	SM400A		
2	CR-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	CR-VSTF	PL	190* 15	1457	117.8	32.6	33	SM400A		
1	CR-VSTF	PL	190* 15	1507	117.8	33.7	34	SM400A		
JL5-JL6							402 kg			

APPROACH BRIDGE CROSSBEAM R23 JL6-JL6A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1895	78.50	34.2	34	SM400A		
1	WEB	PL	800* 9	1911	70.65	91.8	92	SM400A	85	
1	VSTF	PL	90* 9	503	70.65	3.20	3	SM400A		
JL6-JL6A							129 kg			

APPROACH BRIDGE CROSSBEAM R23 JL6A-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	2660	78.50	48.0	48	SM400A		
1	WEB	PL	800* 9	2676	70.65	129	129	SM400A	85	
3	VSTF	PL	90* 9	503	70.65	3.20	10	SM400A		
JL6A-JL7							187 kg			

APPROACH BRIDGE CROSSBEAM R23 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	168	78.50	3.03	3	SM400A		
1	FLG	PL	230* 10	630	78.50	11.4	11	SM400A		
1	CR-FLG	PL	230* 10	2546	78.50	46.0	46	SM400A		
1	CR-FLG	PL	100* 10	1721	78.50	13.5	14	SM400A		
1	WEB	PL	788* 9	609	70.65	18.6	19	SM400A	55	
1	WEB	PL	803* 9	168	70.65	9.53	10	SM400A		
1	CR-WEB	PL	800* 9	2990	70.65	169	169	SM400A		
1	CR-WEB	PL	400* 9	1714	70.65	48.4	48	SM400A		
2	CR-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	CR-VSTF	PL	240* 19	1808	149.2	64.7	65	SM400A		
1	CR-VSTF	PL	240* 19	1510	149.2	54.1	54	SM400A		

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JL7-JL8	445 kg
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APPROACH BRIDGE CROSSBEAM R23 JL8-RR1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1024	78.50	18.5	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		
JL8-RR1							53 kg			
R23							2408 kg			

APPROACH BRIDGE CROSSBEAM R24 LL1-JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1024	78.50	18.5	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		
LL1-JL1							53 kg			

APPROACH BRIDGE CROSSBEAM R24 JL1-JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	630	78.50	11.4	11	SM400A		
1	FLG	PL	230* 10	168	78.50	3.03	3	SM400A		
1	CR-FLG	PL	230* 10	2545	78.50	46.0	46	SM400A		
1	CR-FLG	PL	100* 10	1721	78.50	13.5	14	SM400A		
1	WEB	PL	788* 9	609	70.65	18.6	19	SM400A	55	
1	CR-WEB	PL	800* 9	2990	70.65	169	169	SM400A		
1	CR-WEB	PL	400* 9	1714	70.65	48.4	48	SM400A		
1	WEB	PL	803* 9	168	70.65	9.53	10	SM400A		
2	CR-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	CR-VSTF	PL	240* 19	1808	149.2	64.7	65	SM400A		
1	CR-VSTF	PL	240* 19	1510	149.2	54.1	54	SM400A		
JL1-JL2							445 kg			

APPROACH BRIDGE CROSSBEAM R24 JL2-JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1285	78.50	23.2	23	SM400A		
1	WEB	PL	800* 9	1301	70.65	62.5	62	SM400A	85	

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1	VSTF	PL	90* 9	495	70.65	3.15	3	SM400A		
JL2-JL3							88 kg			

APPROACH BRIDGE CROSSBEAM R24 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	CR-FLG	PL	230* 10	2690	78.50	48.6	49	SM400A		
1	CR-FLG	PL	100* 10	2690	78.50	21.1	21	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	CR-WEB	PL	800* 9	2707	70.65	153	153	SM400A		
1	CR-WEB	PL	400* 9	2690	70.65	76.0	76	SM400A		
2	CR-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	CR-VSTF	PL	190* 15	1457	117.8	32.6	33	SM400A		
1	CR-VSTF	PL	190* 15	1507	117.8	33.7	34	SM400A		
JL3-JL4							402 kg			

APPROACH BRIDGE CROSSBEAM R24 JL4-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	2936	78.50	53.0	53	SM400A		
1	WEB	PL	829* 9	2935	70.65	146	146	SM400A	85	
1	VSTF	PL	90* 9	765	70.65	4.86	5	SM400A		
JL4-JL5							204 kg			

APPROACH BRIDGE CROSSBEAM R24 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	CR-FLG	PL	230* 10	2691	78.50	48.6	49	SM400A		
1	CR-FLG	PL	100* 10	2690	78.50	21.1	21	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	CR-WEB	PL	800* 9	2707	70.65	153	153	SM400A		
1	CR-WEB	PL	400* 9	2690	70.65	76.0	76	SM400A		
2	CR-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	CR-VSTF	PL	190* 15	1457	117.8	32.6	33	SM400A		
1	CR-VSTF	PL	190* 15	1507	117.8	33.7	34	SM400A		

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JL5-JL6		402 kg
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APPROACH BRIDGE CROSSBEAM R24 JL6-JL6A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1895	78.50	34.2	34	SM400A		
1	WEB	PL	800* 9	1911	70.65	91.8	92	SM400A	85	
1	VSTF	PL	90* 9	503	70.65	3.20	3	SM400A		
JL6-JL6A							129 kg			

APPROACH BRIDGE CROSSBEAM R24 JL6A-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	2642	78.50	47.7	48	SM400A		
1	WEB	PL	800* 9	2658	70.65	128	128	SM400A	85	
3	VSTF	PL	90* 9	503	70.65	3.20	10	SM400A		
JL6A-JL7							186 kg			

APPROACH BRIDGE CROSSBEAM R24 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	168	78.50	3.03	3	SM400A		
1	FLG	PL	230* 10	630	78.50	11.4	11	SM400A		
1	CR-FLG	PL	230* 10	2546	78.50	46.0	46	SM400A		
1	CR-FLG	PL	100* 10	1721	78.50	13.5	14	SM400A		
1	WEB	PL	788* 9	609	70.65	18.6	19	SM400A	55	
1	WEB	PL	803* 9	168	70.65	9.53	10	SM400A		
1	CR-WEB	PL	800* 9	2990	70.65	169	169	SM400A		
1	CR-WEB	PL	400* 9	1714	70.65	48.4	48	SM400A		
2	CR-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	CR-VSTF	PL	240* 19	1808	149.2	64.7	65	SM400A		
1	CR-VSTF	PL	240* 19	1510	149.2	54.1	54	SM400A		
JL7-JL8							445 kg			

APPROACH BRIDGE CROSSBEAM R24 JL8-RR1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1024	78.50	18.5	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		

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JL8-RR1		53 kg
R24		2407 kg

APPROACH BRIDGE CROSSBEAM R25 LL1-JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1024	78.50	18.5	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		
LL1-JL1		53 kg								

APPROACH BRIDGE CROSSBEAM R25 JL1-JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	630	78.50	11.4	11	SM400A		
1	FLG	PL	230* 10	168	78.50	3.03	3	SM400A		
1	CR-FLG	PL	230* 10	2545	78.50	46.0	46	SM400A		
1	CR-FLG	PL	100* 10	1721	78.50	13.5	14	SM400A		
1	WEB	PL	788* 9	609	70.65	18.6	19	SM400A	55	
1	CR-WEB	PL	800* 9	2990	70.65	169	169	SM400A		
1	CR-WEB	PL	400* 9	1714	70.65	48.4	48	SM400A		
1	WEB	PL	803* 9	168	70.65	9.53	10	SM400A		
2	CR-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	CR-VSTF	PL	240* 19	1808	149.2	64.7	65	SM400A		
1	CR-VSTF	PL	240* 19	1510	149.2	54.1	54	SM400A		
JL1-JL2		445 kg								

APPROACH BRIDGE CROSSBEAM R25 JL2-JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1285	78.50	23.2	23	SM400A		
1	WEB	PL	800* 9	1301	70.65	62.5	62	SM400A	85	
1	VSTF	PL	90* 9	495	70.65	3.15	3	SM400A		
JL2-JL3		88 kg								

APPROACH BRIDGE CROSSBEAM R25 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		

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1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	CR-FLG	PL	230* 10	2690	78.50	48.6	49	SM400A		
1	CR-FLG	PL	100* 10	2690	78.50	21.1	21	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	CR-WEB	PL	800* 9	2707	70.65	153	153	SM400A		
1	CR-WEB	PL	400* 9	2690	70.65	76.0	76	SM400A		
2	CR-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	CR-VSTF	PL	190* 15	1457	117.8	32.6	33	SM400A		
1	CR-VSTF	PL	190* 15	1507	117.8	33.7	34	SM400A		
JL3-JL4								402 kg		

APPROACH BRIDGE CROSSBEAM R25 JL4-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	2936	78.50	53.0	53	SM400A		
1	WEB	PL	829* 9	2935	70.65	146	146	SM400A	85	
1	VSTF	PL	90* 9	765	70.65	4.86	5	SM400A		
JL4-JL5								204 kg		

APPROACH BRIDGE CROSSBEAM R25 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	CR-FLG	PL	230* 10	2691	78.50	48.6	49	SM400A		
1	CR-FLG	PL	100* 10	2690	78.50	21.1	21	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	CR-WEB	PL	800* 9	2707	70.65	153	153	SM400A		
1	CR-WEB	PL	400* 9	2690	70.65	76.0	76	SM400A		
2	CR-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	CR-VSTF	PL	190* 15	1457	117.8	32.6	33	SM400A		
1	CR-VSTF	PL	190* 15	1507	117.8	33.7	34	SM400A		
JL5-JL6								402 kg		

APPROACH BRIDGE CROSSBEAM R25 JL6-JL6A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1895	78.50	34.2	34	SM400A		
1	WEB	PL	800* 9	1911	70.65	91.8	92	SM400A	85	

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1	VSTF	PL	90* 9	503	70.65	3.20	3	SM400A			
JL6-JL6A							129 kg				

APPROACH BRIDGE CROSSBEAM R25 JL6A-JL7											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	FLG	PL	230* 10	2636	78.50	47.6	48	SM400A			
1	WEB	PL	800* 9	2652	70.65	127	127	SM400A	85		
3	VSTF	PL	90* 9	503	70.65	3.20	10	SM400A			
JL6A-JL7							185 kg				

APPROACH BRIDGE CROSSBEAM R25 JL7-JL8											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	FLG	PL	230* 10	168	78.50	3.03	3	SM400A			
1	FLG	PL	230* 10	630	78.50	11.4	11	SM400A			
1	CR-FLG	PL	230* 10	2546	78.50	46.0	46	SM400A			
1	CR-FLG	PL	100* 10	1721	78.50	13.5	14	SM400A			
1	WEB	PL	788* 9	609	70.65	18.6	19	SM400A	55		
1	WEB	PL	803* 9	168	70.65	9.53	10	SM400A			
1	CR-WEB	PL	800* 9	2990	70.65	169	169	SM400A			
1	CR-WEB	PL	400* 9	1714	70.65	48.4	48	SM400A			
2	CR-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A			
1	CR-VSTF	PL	240* 19	1808	149.2	64.7	65	SM400A			
1	CR-VSTF	PL	240* 19	1510	149.2	54.1	54	SM400A			
JL7-JL8							445 kg				

APPROACH BRIDGE CROSSBEAM R25 JL8-RR1											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	FLG	PL	230* 10	1024	78.50	18.5	18	SM400A			
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65		
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A			
JL8-RR1							53 kg				
R25							2406 kg				

APPROACH BRIDGE CROSSBEAM R26 LL1-JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks

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1	FLG	PL	230* 10	1024	78.50	18.5	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		
LL1-JL1								53 kg		

APPROACH BRIDGE CROSSBEAM R26 JL1-JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	630	78.50	11.4	11	SM400A		
1	FLG	PL	230* 10	168	78.50	3.03	3	SM400A		
1	CR-FLG	PL	230* 10	2545	78.50	46.0	46	SM400A		
1	CR-FLG	PL	100* 10	1721	78.50	13.5	14	SM400A		
1	WEB	PL	788* 9	609	70.65	18.6	19	SM400A	55	
1	CR-WEB	PL	800* 9	2990	70.65	169	169	SM400A		
1	CR-WEB	PL	400* 9	1714	70.65	48.4	48	SM400A		
1	WEB	PL	803* 9	168	70.65	9.53	10	SM400A		
2	CR-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	CR-VSTF	PL	240* 19	1808	149.2	64.7	65	SM400A		
1	CR-VSTF	PL	240* 19	1510	149.2	54.1	54	SM400A		
JL1-JL2								445 kg		

APPROACH BRIDGE CROSSBEAM R26 JL2-JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1285	78.50	23.2	23	SM400A		
1	WEB	PL	800* 9	1301	70.65	62.5	62	SM400A	85	
1	VSTF	PL	90* 9	495	70.65	3.15	3	SM400A		
JL2-JL3								88 kg		

APPROACH BRIDGE CROSSBEAM R26 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	CR-FLG	PL	230* 10	2690	78.50	48.6	49	SM400A		
1	CR-FLG	PL	100* 10	2690	78.50	21.1	21	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	CR-WEB	PL	800* 9	2707	70.65	153	153	SM400A		
1	CR-WEB	PL	400* 9	2690	70.65	76.0	76	SM400A		
2	CR-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		

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1	CR-VSTF	PL	190* 15	1457	117.8	32.6	33	SM400A		
1	CR-VSTF	PL	190* 15	1507	117.8	33.7	34	SM400A		
JL3-JL4							402 kg			

APPROACH BRIDGE CROSSBEAM R26 JL4-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	2936	78.50	53.0	53	SM400A		
1	WEB	PL	829* 9	2935	70.65	146	146	SM400A	85	
2	VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
JL4-JL5							209 kg			

APPROACH BRIDGE CROSSBEAM R26 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	CR-FLG	PL	230* 10	2691	78.50	48.6	49	SM400A		
1	CR-FLG	PL	100* 10	2690	78.50	21.1	21	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	CR-WEB	PL	800* 9	2707	70.65	153	153	SM400A		
1	CR-WEB	PL	400* 9	2690	70.65	76.0	76	SM400A		
2	CR-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	CR-VSTF	PL	190* 15	1457	117.8	32.6	33	SM400A		
1	CR-VSTF	PL	190* 15	1507	117.8	33.7	34	SM400A		
JL5-JL6							402 kg			

APPROACH BRIDGE CROSSBEAM R26 JL6-JL6A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1895	78.50	34.2	34	SM400A		
1	WEB	PL	800* 9	1911	70.65	91.8	92	SM400A	85	
1	VSTF	PL	90* 9	503	70.65	3.20	3	SM400A		
JL6-JL6A							129 kg			

APPROACH BRIDGE CROSSBEAM R26 JL6A-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	2636	78.50	47.6	48	SM400A		

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1	WEB	PL	800* 9	2652	70.65	127	127	SM400A	85	
3	VSTF	PL	90* 9	503	70.65	3.20	10	SM400A		
JL6A-JL7							185 kg			

APPROACH BRIDGE CROSSBEAM R26 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	168	78.50	3.03	3	SM400A		
1	FLG	PL	230* 10	630	78.50	11.4	11	SM400A		
1	CR-FLG	PL	230* 10	2546	78.50	46.0	46	SM400A		
1	CR-FLG	PL	100* 10	1721	78.50	13.5	14	SM400A		
1	WEB	PL	788* 9	609	70.65	18.6	19	SM400A	55	
1	WEB	PL	803* 9	168	70.65	9.53	10	SM400A		
1	CR-WEB	PL	800* 9	2990	70.65	169	169	SM400A		
1	CR-WEB	PL	400* 9	1714	70.65	48.4	48	SM400A		
2	CR-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	CR-VSTF	PL	240* 19	1808	149.2	64.7	65	SM400A		
1	CR-VSTF	PL	240* 19	1510	149.2	54.1	54	SM400A		
JL7-JL8							445 kg			

APPROACH BRIDGE CROSSBEAM R26 JL8-RR1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1024	78.50	18.5	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		
JL8-RR1							53 kg			
R26							2411 kg			

APPROACH BRIDGE CROSSBEAM R27 LL1-JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1024	78.50	18.5	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		
LL1-JL1							53 kg			

APPROACH BRIDGE CROSSBEAM R27 JL1-JL2										

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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	633	78.50	11.4	11	SM400A		
1	FLG	PL	230* 10	168	78.50	3.03	3	SM400A		
1	CR-FLG	PL	230* 10	2545	78.50	46.0	46	SM400A		
1	CR-FLG	PL	100* 10	1721	78.50	13.5	14	SM400A		
1	WEB	PL	788* 9	609	70.65	18.6	19	SM400A	55	
1	CR-WEB	PL	800* 9	2990	70.65	169	169	SM400A		
1	CR-WEB	PL	400* 9	1714	70.65	48.4	48	SM400A		
1	WEB	PL	803* 9	168	70.65	9.53	10	SM400A		
2	CR-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	CR-VSTF	PL	240* 19	1808	149.2	64.7	65	SM400A		
1	CR-VSTF	PL	240* 19	1510	149.2	54.1	54	SM400A		
JL1-JL2							445 kg			

APPROACH BRIDGE CROSSBEAM R27 JL2-JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1285	78.50	23.2	23	SM400A		
1	WEB	PL	800* 9	1301	70.65	62.5	62	SM400A	85	
1	VSTF	PL	90* 9	495	70.65	3.15	3	SM400A		
JL2-JL3							88 kg			

APPROACH BRIDGE CROSSBEAM R27 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	CR-FLG	PL	230* 10	2690	78.50	48.6	49	SM400A		
1	CR-FLG	PL	100* 10	2690	78.50	21.1	21	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	CR-WEB	PL	800* 9	2707	70.65	153	153	SM400A		
1	CR-WEB	PL	400* 9	2690	70.65	76.0	76	SM400A		
2	CR-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	CR-VSTF	PL	190* 15	1457	117.8	32.6	33	SM400A		
1	CR-VSTF	PL	190* 15	1507	117.8	33.7	34	SM400A		
JL3-JL4							402 kg			

APPROACH BRIDGE CROSSBEAM R27 JL4-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks

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1	FLG	PL	230* 10	2936	78.50	53.0	53	SM400A		
1	WEB	PL	829* 9	2935	70.65	146	146	SM400A	85	
2	VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
JL4-JL5							209 kg			

APPROACH BRIDGE CROSSBEAM R27 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	CR-FLG	PL	230* 10	2691	78.50	48.6	49	SM400A		
1	CR-FLG	PL	100* 10	2690	78.50	21.1	21	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	CR-WEB	PL	800* 9	2707	70.65	153	153	SM400A		
1	CR-WEB	PL	400* 9	2690	70.65	76.0	76	SM400A		
2	CR-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	CR-VSTF	PL	190* 15	1457	117.8	32.6	33	SM400A		
1	CR-VSTF	PL	190* 15	1507	117.8	33.7	34	SM400A		
JL5-JL6							402 kg			

APPROACH BRIDGE CROSSBEAM R27 JL6-JL6A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1895	78.50	34.2	34	SM400A		
1	WEB	PL	800* 9	1911	70.65	91.8	92	SM400A	85	
1	VSTF	PL	90* 9	503	70.65	3.20	3	SM400A		
JL6-JL6A							129 kg			

APPROACH BRIDGE CROSSBEAM R27 JL6A-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	2354	78.50	42.5	42	SM400A		
1	WEB	PL	800* 9	2370	70.65	114	114	SM400A	85	
2	VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
JL6A-JL7							162 kg			

APPROACH BRIDGE CROSSBEAM R27 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks

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1	FLG	PL	230* 10	176	78.50	3.18	3	SM400A			
1	FLG	PL	230* 10	633	78.50	11.4	11	SM400A			
1	CR-FLG	PL	230* 10	2546	78.50	46.0	46	SM400A			
1	CR-FLG	PL	100* 10	1721	78.50	13.5	14	SM400A			
1	WEB	PL	788* 9	611	70.65	18.7	19	SM400A	55		
1	WEB	PL	803* 9	168	70.65	9.53	10	SM400A			
1	CR-WEB	PL	800* 9	2990	70.65	169	169	SM400A			
1	CR-WEB	PL	400* 9	1714	70.65	48.4	48	SM400A			
2	CR-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A			
1	CR-VSTF	PL	240* 19	1808	149.2	64.7	65	SM400A			
1	CR-VSTF	PL	240* 19	1510	149.2	54.1	54	SM400A			
							JL7-JL8				445 kg

APPROACH BRIDGE CROSSBEAM R27 JL8-RR1											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	FLG	PL	230* 10	1024	78.50	18.5	18	SM400A			
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65		
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A			
							JL8-RR1				53 kg
							R27				2388 kg

APPROACH BRIDGE CROSSBEAM R28 LL1-JL1											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	FLG	PL	230* 10	1024	78.50	18.5	18	SM400A			
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65		
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A			
							LL1-JL1				53 kg

APPROACH BRIDGE CROSSBEAM R28 JL1-JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	633	78.50	11.4	11	SM400A		
1	FLG	PL	230* 10	168	78.50	3.03	3	SM400A		
1	CR-FLG	PL	230* 10	2545	78.50	46.0	46	SM400A		
1	CR-FLG	PL	100* 10	1721	78.50	13.5	14	SM400A		
1	WEB	PL	788* 9	609	70.65	18.6	19	SM400A	55	
1	CR-WEB	PL	800* 9	2990	70.65	169	169	SM400A		
1	CR-WEB	PL	400* 9	1714	70.65	48.4	48	SM400A		

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1	WEB	PL	803* 9	168	70.65	9.53	10	SM400A		
2	CR-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	CR-VSTF	PL	240* 19	1808	149.2	64.7	65	SM400A		
1	CR-VSTF	PL	240* 19	1510	149.2	54.1	54	SM400A		
JL1-JL2							445 kg			

APPROACH BRIDGE CROSSBEAM R28 JL2-JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1285	78.50	23.2	23	SM400A		
1	WEB	PL	800* 9	1301	70.65	62.5	62	SM400A	85	
1	VSTF	PL	90* 9	495	70.65	3.15	3	SM400A		
JL2-JL3							88 kg			

APPROACH BRIDGE CROSSBEAM R28 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	CR-FLG	PL	230* 10	2690	78.50	48.6	49	SM400A		
1	CR-FLG	PL	100* 10	2690	78.50	21.1	21	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	CR-WEB	PL	800* 9	2707	70.65	153	153	SM400A		
1	CR-WEB	PL	400* 9	2690	70.65	76.0	76	SM400A		
2	CR-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	CR-VSTF	PL	190* 15	1457	117.8	32.6	33	SM400A		
1	CR-VSTF	PL	190* 15	1507	117.8	33.7	34	SM400A		
JL3-JL4							402 kg			

APPROACH BRIDGE CROSSBEAM R28 JL4-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	2936	78.50	53.0	53	SM400A		
1	WEB	PL	829* 9	2935	70.65	146	146	SM400A	85	
2	VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
JL4-JL5							209 kg			

APPROACH BRIDGE CROSSBEAM R28 JL5-JL6										

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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	CR-FLG	PL	230* 10	2691	78.50	48.6	49	SM400A		
1	CR-FLG	PL	100* 10	2690	78.50	21.1	21	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	CR-WEB	PL	800* 9	2707	70.65	153	153	SM400A		
1	CR-WEB	PL	400* 9	2690	70.65	76.0	76	SM400A		
2	CR-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	CR-VSTF	PL	190* 15	1457	117.8	32.6	33	SM400A		
1	CR-VSTF	PL	190* 15	1507	117.8	33.7	34	SM400A		
JL5-JL6							402 kg			

APPROACH BRIDGE CROSSBEAM R28 JL6-JL6A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1895	78.50	34.2	34	SM400A		
1	WEB	PL	800* 9	1911	70.65	91.8	92	SM400A	85	
1	VSTF	PL	90* 9	503	70.65	3.20	3	SM400A		
JL6-JL6A							129 kg			

APPROACH BRIDGE CROSSBEAM R28 JL6A-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	2008	78.50	36.3	36	SM400A		
1	WEB	PL	800* 9	2024	70.65	97.2	97	SM400A	85	
2	VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
JL6A-JL7							139 kg			

APPROACH BRIDGE CROSSBEAM R28 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	176	78.50	3.18	3	SM400A		
1	FLG	PL	230* 10	633	78.50	11.4	11	SM400A		
1	CR-FLG	PL	230* 10	2546	78.50	46.0	46	SM400A		
1	CR-FLG	PL	100* 10	1721	78.50	13.5	14	SM400A		
1	WEB	PL	788* 9	611	70.65	18.7	19	SM400A	55	
1	WEB	PL	803* 9	168	70.65	9.53	10	SM400A		
1	CR-WEB	PL	800* 9	2990	70.65	169	169	SM400A		
1	CR-WEB	PL	400* 9	1714	70.65	48.4	48	SM400A		

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2	CR-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	CR-VSTF	PL	240* 19	1808	149.2	64.7	65	SM400A		
1	CR-VSTF	PL	240* 19	1510	149.2	54.1	54	SM400A		
							JL7-JL8			
							445 kg			

APPROACH BRIDGE CROSSBEAM R28 JL8-RR1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1024	78.50	18.5	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		
							JL8-RR1			
							53 kg			
							R28			
							2365 kg			

APPROACH BRIDGE CROSSBEAM R29 LL1-JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1024	78.50	18.5	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		
							LL1-JL1			
							53 kg			

APPROACH BRIDGE CROSSBEAM R29 JL1-JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	633	78.50	11.4	11	SM400A		
1	FLG	PL	230* 10	168	78.50	3.03	3	SM400A		
1	CR-FLG	PL	230* 10	2545	78.50	46.0	46	SM400A		
1	CR-FLG	PL	100* 10	1721	78.50	13.5	14	SM400A		
1	WEB	PL	788* 9	609	70.65	18.6	19	SM400A	55	
1	CR-WEB	PL	800* 9	2990	70.65	169	169	SM400A		
1	CR-WEB	PL	400* 9	1714	70.65	48.4	48	SM400A		
1	WEB	PL	803* 9	168	70.65	9.53	10	SM400A		
2	CR-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	CR-VSTF	PL	240* 19	1808	149.2	64.7	65	SM400A		
1	CR-VSTF	PL	240* 19	1510	149.2	54.1	54	SM400A		
							JL1-JL2			
							445 kg			

APPROACH BRIDGE CROSSBEAM R29 JL2-JL3										
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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1285	78.50	23.2	23	SM400A		
1	WEB	PL	800* 9	1301	70.65	62.5	62	SM400A	85	
1	VSTF	PL	90* 9	495	70.65	3.15	3	SM400A		
JL2-JL3							88 kg			

APPROACH BRIDGE CROSSBEAM R29 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	CR-FLG	PL	230* 10	2690	78.50	48.6	49	SM400A		
1	CR-FLG	PL	100* 10	2690	78.50	21.1	21	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	CR-WEB	PL	800* 9	2707	70.65	153	153	SM400A		
1	CR-WEB	PL	400* 9	2690	70.65	76.0	76	SM400A		
2	CR-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	CR-VSTF	PL	190* 15	1457	117.8	32.6	33	SM400A		
1	CR-VSTF	PL	190* 15	1507	117.8	33.7	34	SM400A		
JL3-JL4							402 kg			

APPROACH BRIDGE CROSSBEAM R29 JL4-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	2936	78.50	53.0	53	SM400A		
1	WEB	PL	829* 9	2935	70.65	146	146	SM400A	85	
2	VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
JL4-JL5							209 kg			

APPROACH BRIDGE CROSSBEAM R29 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	CR-FLG	PL	230* 10	2691	78.50	48.6	49	SM400A		
1	CR-FLG	PL	100* 10	2690	78.50	21.1	21	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	CR-WEB	PL	800* 9	2707	70.65	153	153	SM400A		

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1	CR-WEB	PL	400* 9	2690	70.65	76.0	76	SM400A		
2	CR-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	CR-VSTF	PL	190* 15	1457	117.8	32.6	33	SM400A		
1	CR-VSTF	PL	190* 15	1507	117.8	33.7	34	SM400A		
JL5-JL6							402 kg			

APPROACH BRIDGE CROSSBEAM R29 JL6-JL6A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1895	78.50	34.2	34	SM400A		
1	WEB	PL	800* 9	1911	70.65	91.8	92	SM400A	85	
1	VSTF	PL	90* 9	503	70.65	3.20	3	SM400A		
JL6-JL6A							129 kg			

APPROACH BRIDGE CROSSBEAM R29 JL6A-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1661	78.50	30.0	30	SM400A		
1	WEB	PL	800* 9	1677	70.65	80.6	81	SM400A	85	
2	VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
JL6A-JL7							117 kg			

APPROACH BRIDGE CROSSBEAM R29 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	176	78.50	3.18	3	SM400A		
1	FLG	PL	230* 10	633	78.50	11.4	11	SM400A		
1	CR-FLG	PL	230* 10	2546	78.50	46.0	46	SM400A		
1	CR-FLG	PL	100* 10	1721	78.50	13.5	14	SM400A		
1	WEB	PL	788* 9	611	70.65	18.7	19	SM400A	55	
1	WEB	PL	803* 9	168	70.65	9.53	10	SM400A		
1	CR-WEB	PL	800* 9	2990	70.65	169	169	SM400A		
1	CR-WEB	PL	400* 9	1714	70.65	48.4	48	SM400A		
2	CR-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	CR-VSTF	PL	240* 19	1808	149.2	64.7	65	SM400A		
1	CR-VSTF	PL	240* 19	1510	149.2	54.1	54	SM400A		
JL7-JL8							445 kg			

APPROACH BRIDGE CROSSBEAM R29 JL8-RR1										

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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1024	78.50	18.5	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		
JL8-RR1							53 kg			
R29							2343 kg			

APPROACH BRIDGE CROSSBEAM R30 LL1-JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1024	78.50	18.5	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		
LL1-JL1							53 kg			

APPROACH BRIDGE CROSSBEAM R30 JL1-JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	630	78.50	11.4	11	SM400A		
1	FLG	PL	230* 10	168	78.50	3.03	3	SM400A		
1	CR-FLG	PL	230* 10	2545	78.50	46.0	46	SM400A		
1	CR-FLG	PL	100* 10	1721	78.50	13.5	14	SM400A		
1	WEB	PL	788* 9	609	70.65	18.6	19	SM400A	55	
1	CR-WEB	PL	800* 9	2990	70.65	169	169	SM400A		
1	CR-WEB	PL	400* 9	1714	70.65	48.4	48	SM400A		
1	WEB	PL	803* 9	168	70.65	9.53	10	SM400A		
2	CR-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	CR-VSTF	PL	240* 19	1808	149.2	64.7	65	SM400A		
1	CR-VSTF	PL	240* 19	1510	149.2	54.1	54	SM400A		
JL1-JL2							445 kg			

APPROACH BRIDGE CROSSBEAM R30 JL2-JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1285	78.50	23.2	23	SM400A		
1	WEB	PL	800* 9	1301	70.65	62.5	62	SM400A	85	
1	VSTF	PL	90* 9	495	70.65	3.15	3	SM400A		
JL2-JL3							88 kg			

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APPROACH BRIDGE CROSSBEAM R30 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	CR-FLG	PL	230* 10	2690	78.50	48.6	49	SM400A		
1	CR-FLG	PL	100* 10	2690	78.50	21.1	21	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	CR-WEB	PL	800* 9	2707	70.65	153	153	SM400A		
1	CR-WEB	PL	400* 9	2690	70.65	76.0	76	SM400A		
2	CR-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	CR-VSTF	PL	190* 15	1457	117.8	32.6	33	SM400A		
1	CR-VSTF	PL	190* 15	1507	117.8	33.7	34	SM400A		
							402 kg			

APPROACH BRIDGE CROSSBEAM R30 JL4-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	2936	78.50	53.0	53	SM400A		
1	WEB	PL	829* 9	2935	70.65	146	146	SM400A	85	
2	VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
							209 kg			

APPROACH BRIDGE CROSSBEAM R30 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	168	78.50	3.03	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	CR-FLG	PL	230* 10	2691	78.50	48.6	49	SM400A		
1	CR-FLG	PL	100* 10	2690	78.50	21.1	21	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	CR-WEB	PL	800* 9	2707	70.65	153	153	SM400A		
1	CR-WEB	PL	400* 9	2690	70.65	76.0	76	SM400A		
2	CR-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	CR-VSTF	PL	190* 15	1457	117.8	32.6	33	SM400A		
1	CR-VSTF	PL	190* 15	1507	117.8	33.7	34	SM400A		
							402 kg			

APPROACH BRIDGE CROSSBEAM R30 JL6-JL6A										
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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1895	78.50	34.2	34	SM400A		
1	WEB	PL	800* 9	1911	70.65	91.8	92	SM400A	85	
1	VSTF	PL	90* 9	503	70.65	3.20	3	SM400A		
JL6-JL6A							129 kg			

APPROACH BRIDGE CROSSBEAM R30 JL6A-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1314	78.50	23.7	24	SM400A		
1	WEB	PL	800* 9	1330	70.65	63.9	64	SM400A	85	
1	VSTF	PL	90* 9	503	70.65	3.20	3	SM400A		
JL6A-JL7							91 kg			

APPROACH BRIDGE CROSSBEAM R30 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	176	78.50	3.18	3	SM400A		
1	FLG	PL	230* 10	630	78.50	11.4	11	SM400A		
1	CR-FLG	PL	230* 10	2546	78.50	46.0	46	SM400A		
1	CR-FLG	PL	100* 10	1721	78.50	13.5	14	SM400A		
1	WEB	PL	788* 9	609	70.65	18.6	19	SM400A	55	
1	WEB	PL	803* 9	168	70.65	9.53	10	SM400A		
1	CR-WEB	PL	800* 9	2990	70.65	169	169	SM400A		
1	CR-WEB	PL	400* 9	1714	70.65	48.4	48	SM400A		
2	CR-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	CR-VSTF	PL	240* 19	1808	149.2	64.7	65	SM400A		
1	CR-VSTF	PL	240* 19	1510	149.2	54.1	54	SM400A		
JL7-JL8							445 kg			

APPROACH BRIDGE CROSSBEAM R30 JL8-RR1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1024	78.50	18.5	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		
JL8-RR1							53 kg			
R30							2317 kg			

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APPROACH BRIDGE CROSSBEAM R31 LL1-JL1											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	FLG	PL	230* 10	1024	78.50	18.5	18	SM400A			
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65		
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A			
							LL1-JL1				53 kg

APPROACH BRIDGE CROSSBEAM R31 JL1-JL2											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	FLG	PL	230* 10	627	78.50	11.3	11	SM400A			
1	FLG	PL	230* 10	166	78.50	3.00	3	SM400A			
1	CR-FLG	PL	230* 10	2545	78.50	46.0	46	SM400A			
1	CR-FLG	PL	100* 10	1721	78.50	13.5	14	SM400A			
1	WEB	PL	787* 9	606	70.65	18.5	18	SM400A	55		
1	CR-WEB	PL	800* 9	2990	70.65	169	169	SM400A			
1	CR-WEB	PL	400* 9	1714	70.65	48.4	48	SM400A			
1	WEB	PL	803* 9	166	70.65	9.42	9	SM400A			
2	CR-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A			
1	CR-VSTF	PL	240* 19	1808	149.2	64.7	65	SM400A			
1	CR-VSTF	PL	240* 19	1510	149.2	54.1	54	SM400A			
							JL1-JL2				443 kg

APPROACH BRIDGE CROSSBEAM R31 JL2-JL3											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	FLG	PL	230* 10	1285	78.50	23.2	23	SM400A			
1	WEB	PL	800* 9	1301	70.65	62.5	62	SM400A	85		
1	VSTF	PL	90* 9	495	70.65	3.15	3	SM400A			
							JL2-JL3				88 kg

APPROACH BRIDGE CROSSBEAM R31 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	CR-FLG	PL	230* 10	2690	78.50	48.6	49	SM400A		
1	CR-FLG	PL	100* 10	2690	78.50	21.1	21	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		

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1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	CR-WEB	PL	800* 9	2707	70.65	153	153	SM400A		
1	CR-WEB	PL	400* 9	2690	70.65	76.0	76	SM400A		
2	CR-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	CR-VSTF	PL	190* 15	1457	117.8	32.6	33	SM400A		
1	CR-VSTF	PL	190* 15	1507	117.8	33.7	34	SM400A		
JL3-JL4							402 kg			

APPROACH BRIDGE CROSSBEAM R31 JL4-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	2936	78.50	53.0	53	SM400A		
1	WEB	PL	829* 9	2935	70.65	146	146	SM400A	85	
2	VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
JL4-JL5							209 kg			

APPROACH BRIDGE CROSSBEAM R31 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	168	78.50	3.03	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	CR-FLG	PL	230* 10	2691	78.50	48.6	49	SM400A		
1	CR-FLG	PL	100* 10	2690	78.50	21.1	21	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	CR-WEB	PL	800* 9	2707	70.65	153	153	SM400A		
1	CR-WEB	PL	400* 9	2690	70.65	76.0	76	SM400A		
2	CR-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	CR-VSTF	PL	190* 15	1457	117.8	32.6	33	SM400A		
1	CR-VSTF	PL	190* 15	1507	117.8	33.7	34	SM400A		
JL5-JL6							402 kg			

APPROACH BRIDGE CROSSBEAM R31 JL6-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	2870	78.50	51.8	52	SM400A		
1	WEB	PL	800* 9	2886	70.65	139	139	SM400A	85	
2	VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
JL6-JL7							197 kg			

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APPROACH BRIDGE CROSSBEAM R31 JL7-JL8											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	FLG	PL	230* 10	174	78.50	3.14	3	SM400A			
1	FLG	PL	230* 10	627	78.50	11.3	11	SM400A			
1	CR-FLG	PL	230* 10	2546	78.50	46.0	46	SM400A			
1	CR-FLG	PL	100* 10	1721	78.50	13.5	14	SM400A			
1	WEB	PL	787* 9	606	70.65	18.5	18	SM400A	55		
1	WEB	PL	803* 9	166	70.65	9.42	9	SM400A			
1	CR-WEB	PL	800* 9	2990	70.65	169	169	SM400A			
1	CR-WEB	PL	400* 9	1714	70.65	48.4	48	SM400A			
2	CR-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A			
1	CR-VSTF	PL	240* 19	1808	149.2	64.7	65	SM400A			
1	CR-VSTF	PL	240* 19	1510	149.2	54.1	54	SM400A			
							JL7-JL8				443 kg

APPROACH BRIDGE CROSSBEAM R31 JL8-RR1											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	FLG	PL	230* 10	1024	78.50	18.5	18	SM400A			
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65		
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A			
							JL8-RR1				53 kg
							R31				2290 kg

APPROACH BRIDGE CROSSBEAM R32 LL1-JL1											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	FLG	PL	230* 10	1024	78.50	18.5	18	SM400A			
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65		
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A			
							LL1-JL1				53 kg

APPROACH BRIDGE CROSSBEAM R32 JL1-JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	627	78.50	11.3	11	SM400A		
1	FLG	PL	230* 10	166	78.50	3.00	3	SM400A		
1	CR-FLG	PL	230* 10	2545	78.50	46.0	46	SM400A		
1	CR-FLG	PL	100* 10	1721	78.50	13.5	14	SM400A		

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1	WEB	PL	787* 9	606	70.65	18.5	18	SM400A	55	
1	CR-WEB	PL	800* 9	2990	70.65	169	169	SM400A		
1	CR-WEB	PL	400* 9	1714	70.65	48.4	48	SM400A		
1	WEB	PL	803* 9	166	70.65	9.42	9	SM400A		
2	CR-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	CR-VSTF	PL	240* 19	1808	149.2	64.7	65	SM400A		
1	CR-VSTF	PL	240* 19	1510	149.2	54.1	54	SM400A		
JL1-JL2								443 kg		

APPROACH BRIDGE CROSSBEAM R32 JL2-JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1285	78.50	23.2	23	SM400A		
1	WEB	PL	800* 9	1301	70.65	62.5	62	SM400A	85	
1	VSTF	PL	90* 9	495	70.65	3.15	3	SM400A		
JL2-JL3								88 kg		

APPROACH BRIDGE CROSSBEAM R32 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	CR-FLG	PL	230* 10	2690	78.50	48.6	49	SM400A		
1	CR-FLG	PL	100* 10	2690	78.50	21.1	21	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	CR-WEB	PL	800* 9	2707	70.65	153	153	SM400A		
1	CR-WEB	PL	400* 9	2690	70.65	76.0	76	SM400A		
2	CR-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	CR-VSTF	PL	190* 15	1457	117.8	32.6	33	SM400A		
1	CR-VSTF	PL	190* 15	1507	117.8	33.7	34	SM400A		
JL3-JL4								402 kg		

APPROACH BRIDGE CROSSBEAM R32 JL4-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	2936	78.50	53.0	53	SM400A		
1	WEB	PL	829* 9	2935	70.65	146	146	SM400A	85	
2	VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
JL4-JL5								209 kg		

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APPROACH BRIDGE CROSSBEAM R32 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	168	78.50	3.03	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	CR-FLG	PL	230* 10	2691	78.50	48.6	49	SM400A		
1	CR-FLG	PL	100* 10	2690	78.50	21.1	21	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	CR-WEB	PL	800* 9	2707	70.65	153	153	SM400A		
1	CR-WEB	PL	400* 9	2690	70.65	76.0	76	SM400A		
2	CR-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	CR-VSTF	PL	190* 15	1457	117.8	32.6	33	SM400A		
1	CR-VSTF	PL	190* 15	1507	117.8	33.7	34	SM400A		
JL5-JL6							402 kg			

APPROACH BRIDGE CROSSBEAM R32 JL6-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	2529	78.50	45.7	46	SM400A		
1	WEB	PL	800* 9	2545	70.65	122	122	SM400A	85	
2	VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
JL6-JL7							174 kg			

APPROACH BRIDGE CROSSBEAM R32 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	174	78.50	3.14	3	SM400A		
1	FLG	PL	230* 10	627	78.50	11.3	11	SM400A		
1	CR-FLG	PL	230* 10	2546	78.50	46.0	46	SM400A		
1	CR-FLG	PL	100* 10	1721	78.50	13.5	14	SM400A		
1	WEB	PL	787* 9	606	70.65	18.5	18	SM400A	55	
1	WEB	PL	803* 9	166	70.65	9.42	9	SM400A		
1	CR-WEB	PL	800* 9	2990	70.65	169	169	SM400A		
1	CR-WEB	PL	400* 9	1714	70.65	48.4	48	SM400A		
2	CR-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	CR-VSTF	PL	240* 19	1808	149.2	64.7	65	SM400A		
1	CR-VSTF	PL	240* 19	1510	149.2	54.1	54	SM400A		
JL7-JL8							443 kg			

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APPROACH BRIDGE CROSSBEAM R32 JL8-RR1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1024	78.50	18.5	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		
JL8-RR1							53 kg			
R32							2267 kg			

APPROACH BRIDGE CROSSBEAM R33 LL1-JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1024	78.50	18.5	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		
LL1-JL1							53 kg			

APPROACH BRIDGE CROSSBEAM R33 JL1-JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	627	78.50	11.3	11	SM400A		
1	FLG	PL	230* 10	166	78.50	3.00	3	SM400A		
1	CR-FLG	PL	230* 10	2545	78.50	46.0	46	SM400A		
1	CR-FLG	PL	100* 10	1721	78.50	13.5	14	SM400A		
1	WEB	PL	787* 9	606	70.65	18.5	18	SM400A	55	
1	CR-WEB	PL	800* 9	2990	70.65	169	169	SM400A		
1	CR-WEB	PL	400* 9	1714	70.65	48.4	48	SM400A		
1	WEB	PL	803* 9	166	70.65	9.42	9	SM400A		
2	CR-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	CR-VSTF	PL	240* 19	1808	149.2	64.7	65	SM400A		
1	CR-VSTF	PL	240* 19	1510	149.2	54.1	54	SM400A		
JL1-JL2							443 kg			

APPROACH BRIDGE CROSSBEAM R33 JL2-JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1285	78.50	23.2	23	SM400A		
1	WEB	PL	800* 9	1301	70.65	62.5	62	SM400A	85	
1	VSTF	PL	90* 9	495	70.65	3.15	3	SM400A		

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JL2-JL3	88 kg
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APPROACH BRIDGE CROSSBEAM R33 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	CR-FLG	PL	230* 10	2690	78.50	48.6	49	SM400A		
1	CR-FLG	PL	100* 10	2690	78.50	21.1	21	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	CR-WEB	PL	800* 9	2707	70.65	153	153	SM400A		
1	CR-WEB	PL	400* 9	2690	70.65	76.0	76	SM400A		
2	CR-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	CR-VSTF	PL	190* 15	1457	117.8	32.6	33	SM400A		
1	CR-VSTF	PL	190* 15	1507	117.8	33.7	34	SM400A		
JL3-JL4							402 kg			

APPROACH BRIDGE CROSSBEAM R33 JL4-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	2936	78.50	53.0	53	SM400A		
1	WEB	PL	829* 9	2935	70.65	146	146	SM400A	85	
2	VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
JL4-JL5							209 kg			

APPROACH BRIDGE CROSSBEAM R33 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	168	78.50	3.03	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	CR-FLG	PL	230* 10	2691	78.50	48.6	49	SM400A		
1	CR-FLG	PL	100* 10	2690	78.50	21.1	21	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	CR-WEB	PL	800* 9	2707	70.65	153	153	SM400A		
1	CR-WEB	PL	400* 9	2690	70.65	76.0	76	SM400A		
2	CR-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	CR-VSTF	PL	190* 15	1457	117.8	32.6	33	SM400A		
1	CR-VSTF	PL	190* 15	1507	117.8	33.7	34	SM400A		
JL5-JL6							402 kg			

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APPROACH BRIDGE CROSSBEAM R33 JL6-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	2198	78.50	39.7	40	SM400A		
1	WEB	PL	800* 9	2214	70.65	106	106	SM400A	85	
2	VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
JL6-JL7							152 kg			

APPROACH BRIDGE CROSSBEAM R33 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	174	78.50	3.14	3	SM400A		
1	FLG	PL	230* 10	627	78.50	11.3	11	SM400A		
1	CR-FLG	PL	230* 10	2546	78.50	46.0	46	SM400A		
1	CR-FLG	PL	100* 10	1721	78.50	13.5	14	SM400A		
1	WEB	PL	787* 9	606	70.65	18.5	18	SM400A	55	
1	WEB	PL	803* 9	166	70.65	9.42	9	SM400A		
1	CR-WEB	PL	800* 9	2990	70.65	169	169	SM400A		
1	CR-WEB	PL	400* 9	1714	70.65	48.4	48	SM400A		
2	CR-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	CR-VSTF	PL	240* 19	1808	149.2	64.7	65	SM400A		
1	CR-VSTF	PL	240* 19	1510	149.2	54.1	54	SM400A		
JL7-JL8							443 kg			

APPROACH BRIDGE CROSSBEAM R33 JL8-RR1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1024	78.50	18.5	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		
JL8-RR1							53 kg			
R33							2245 kg			

APPROACH BRIDGE CROSSBEAM R34 LL1-JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1024	78.50	18.5	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		

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LL1-JL1	53 kg
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APPROACH BRIDGE CROSSBEAM R34 JL1-JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	627	78.50	11.3	11	SM400A		
1	FLG	PL	230* 10	168	78.50	3.03	3	SM400A		
1	CR-FLG	PL	230* 10	2545	78.50	46.0	46	SM400A		
1	CR-FLG	PL	100* 10	1721	78.50	13.5	14	SM400A		
1	WEB	PL	787* 9	606	70.65	18.5	18	SM400A	55	
1	CR-WEB	PL	800* 9	2990	70.65	169	169	SM400A		
1	CR-WEB	PL	400* 9	1714	70.65	48.4	48	SM400A		
1	WEB	PL	803* 9	166	70.65	9.42	9	SM400A		
2	CR-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	CR-VSTF	PL	240* 19	1808	149.2	64.7	65	SM400A		
1	CR-VSTF	PL	240* 19	1510	149.2	54.1	54	SM400A		
JL1-JL2							443 kg			

APPROACH BRIDGE CROSSBEAM R34 JL2-JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1285	78.50	23.2	23	SM400A		
1	WEB	PL	800* 9	1301	70.65	62.5	62	SM400A	85	
1	VSTF	PL	90* 9	495	70.65	3.15	3	SM400A		
JL2-JL3							88 kg			

APPROACH BRIDGE CROSSBEAM R34 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	166	78.50	3.00	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	CR-FLG	PL	230* 10	2690	78.50	48.6	49	SM400A		
1	CR-FLG	PL	100* 10	2690	78.50	21.1	21	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	CR-WEB	PL	800* 9	2707	70.65	153	153	SM400A		
1	CR-WEB	PL	400* 9	2690	70.65	76.0	76	SM400A		
2	CR-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	CR-VSTF	PL	190* 15	1457	117.8	32.6	33	SM400A		
1	CR-VSTF	PL	190* 15	1507	117.8	33.7	34	SM400A		

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JL3-JL4	402 kg
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APPROACH BRIDGE CROSSBEAM R34 JL4-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	2936	78.50	53.0	53	SM400A		
1	WEB	PL	829* 9	2935	70.65	146	146	SM400A	85	
2	VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
JL4-JL5							209 kg			

APPROACH BRIDGE CROSSBEAM R34 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	CR-FLG	PL	230* 10	2691	78.50	48.6	49	SM400A		
1	CR-FLG	PL	100* 10	2690	78.50	21.1	21	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	CR-WEB	PL	800* 9	2707	70.65	153	153	SM400A		
1	CR-WEB	PL	400* 9	2690	70.65	76.0	76	SM400A		
2	CR-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	CR-VSTF	PL	190* 15	1457	117.8	32.6	33	SM400A		
1	CR-VSTF	PL	190* 15	1507	117.8	33.7	34	SM400A		
JL5-JL6							402 kg			

APPROACH BRIDGE CROSSBEAM R34 JL6-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1876	78.50	33.9	34	SM400A		
1	WEB	PL	800* 9	1892	70.65	90.9	91	SM400A	85	
1	VSTF	PL	90* 9	495	70.65	3.15	3	SM400A		
JL6-JL7							128 kg			

APPROACH BRIDGE CROSSBEAM R34 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	174	78.50	3.14	3	SM400A		
1	FLG	PL	230* 10	627	78.50	11.3	11	SM400A		
1	CR-FLG	PL	230* 10	2546	78.50	46.0	46	SM400A		
1	CR-FLG	PL	100* 10	1721	78.50	13.5	14	SM400A		

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1	WEB	PL	787* 9	609	70.65	18.6	19	SM400A	55	
1	WEB	PL	803* 9	166	70.65	9.42	9	SM400A		
1	CR-WEB	PL	800* 9	2990	70.65	169	169	SM400A		
1	CR-WEB	PL	400* 9	1714	70.65	48.4	48	SM400A		
2	CR-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	CR-VSTF	PL	240* 19	1808	149.2	64.7	65	SM400A		
1	CR-VSTF	PL	240* 19	1510	149.2	54.1	54	SM400A		
JL7-JL8								444 kg		

APPROACH BRIDGE CROSSBEAM R34 JL8-RR1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1024	78.50	18.5	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		
JL8-RR1								53 kg		
R34								2222 kg		

APPROACH BRIDGE CROSSBEAM R35 LL1-JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1024	78.50	18.5	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		
LL1-JL1								53 kg		

APPROACH BRIDGE CROSSBEAM R35 JL1-JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	630	78.50	11.4	11	SM400A		
1	FLG	PL	230* 10	168	78.50	3.03	3	SM400A		
1	CR-FLG	PL	230* 10	2545	78.50	46.0	46	SM400A		
1	CR-FLG	PL	100* 10	1721	78.50	13.5	14	SM400A		
1	WEB	PL	788* 9	609	70.65	18.6	19	SM400A	55	
1	CR-WEB	PL	800* 9	2990	70.65	169	169	SM400A		
1	CR-WEB	PL	400* 9	1714	70.65	48.4	48	SM400A		
1	WEB	PL	803* 9	168	70.65	9.53	10	SM400A		
2	CR-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	CR-VSTF	PL	240* 19	1808	149.2	64.7	65	SM400A		
1	CR-VSTF	PL	240* 19	1510	149.2	54.1	54	SM400A		

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JL1-JL2		445 kg
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APPROACH BRIDGE CROSSBEAM R35 JL2-JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1285	78.50	23.2	23	SM400A		
1	WEB	PL	800* 9	1301	70.65	62.5	62	SM400A	85	
1	VSTF	PL	90* 9	495	70.65	3.15	3	SM400A		
JL2-JL3							88 kg			

APPROACH BRIDGE CROSSBEAM R35 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	168	78.50	3.03	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	CR-FLG	PL	230* 10	2690	78.50	48.6	49	SM400A		
1	CR-FLG	PL	100* 10	2690	78.50	21.1	21	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	CR-WEB	PL	800* 9	2707	70.65	153	153	SM400A		
1	CR-WEB	PL	400* 9	2690	70.65	76.0	76	SM400A		
2	CR-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	CR-VSTF	PL	190* 15	1457	117.8	32.6	33	SM400A		
1	CR-VSTF	PL	190* 15	1507	117.8	33.7	34	SM400A		
JL3-JL4							402 kg			

APPROACH BRIDGE CROSSBEAM R35 JL4-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	2936	78.50	53.0	53	SM400A		
1	WEB	PL	829* 9	2935	70.65	146	146	SM400A	85	
2	VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
JL4-JL5							209 kg			

APPROACH BRIDGE CROSSBEAM R35 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	CR-FLG	PL	230* 10	2691	78.50	48.6	49	SM400A		

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1	CR-FLG	PL	100* 10	2690	78.50	21.1	21	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	CR-WEB	PL	800* 9	2707	70.65	153	153	SM400A		
1	CR-WEB	PL	400* 9	2690	70.65	76.0	76	SM400A		
2	CR-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	CR-VSTF	PL	190* 15	1457	117.8	32.6	33	SM400A		
1	CR-VSTF	PL	190* 15	1507	117.8	33.7	34	SM400A		
JL5-JL6							402 kg			

APPROACH BRIDGE CROSSBEAM R35 JL6-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1546	78.50	27.9	28	SM400A		
1	WEB	PL	800* 9	1562	70.65	75.1	75	SM400A	85	
2	VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
JL6-JL7							109 kg			

APPROACH BRIDGE CROSSBEAM R35 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	176	78.50	3.18	3	SM400A		
1	FLG	PL	230* 10	630	78.50	11.4	11	SM400A		
1	CR-FLG	PL	230* 10	2546	78.50	46.0	46	SM400A		
1	CR-FLG	PL	100* 10	1721	78.50	13.5	14	SM400A		
1	WEB	PL	788* 9	612	70.65	18.7	19	SM400A	55	
1	WEB	PL	803* 9	168	70.65	9.53	10	SM400A		
1	CR-WEB	PL	800* 9	2990	70.65	169	169	SM400A		
1	CR-WEB	PL	400* 9	1714	70.65	48.4	48	SM400A		
2	CR-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	CR-VSTF	PL	240* 19	1808	149.2	64.7	65	SM400A		
1	CR-VSTF	PL	240* 19	1510	149.2	54.1	54	SM400A		
JL7-JL8							445 kg			

APPROACH BRIDGE CROSSBEAM R35 JL8-RR1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1024	78.50	18.5	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		

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JL8-RR1	53 kg
R35	2206 kg

APPROACH BRIDGE CROSSBEAM R36 LL1-JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1024	78.50	18.5	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		
LL1-JL1							53 kg			

APPROACH BRIDGE CROSSBEAM R36 JL1-JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	633	78.50	11.4	11	SM400A		
1	FLG	PL	230* 10	168	78.50	3.03	3	SM400A		
1	CR-FLG	PL	230* 10	2545	78.50	46.0	46	SM400A		
1	CR-FLG	PL	100* 10	1721	78.50	13.5	14	SM400A		
1	WEB	PL	788* 9	609	70.65	18.6	19	SM400A	55	
1	CR-WEB	PL	800* 9	2990	70.65	169	169	SM400A		
1	CR-WEB	PL	400* 9	1714	70.65	48.4	48	SM400A		
1	WEB	PL	803* 9	168	70.65	9.53	10	SM400A		
2	CR-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	CR-VSTF	PL	240* 19	1808	149.2	64.7	65	SM400A		
1	CR-VSTF	PL	240* 19	1510	149.2	54.1	54	SM400A		
JL1-JL2							445 kg			

APPROACH BRIDGE CROSSBEAM R36 JL2-JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1285	78.50	23.2	23	SM400A		
1	WEB	PL	800* 9	1301	70.65	62.5	62	SM400A	85	
1	VSTF	PL	90* 9	495	70.65	3.15	3	SM400A		
JL2-JL3							88 kg			

APPROACH BRIDGE CROSSBEAM R36 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		

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1	CR-FLG	PL	230* 10	2691	78.50	48.6	49	SM400A		
1	CR-FLG	PL	100* 10	2690	78.50	21.1	21	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	CR-WEB	PL	800* 9	2707	70.65	153	153	SM400A		
1	CR-WEB	PL	400* 9	2690	70.65	76.0	76	SM400A		
2	CR-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	CR-VSTF	PL	190* 15	1457	117.8	32.6	33	SM400A		
1	CR-VSTF	PL	190* 15	1507	117.8	33.7	34	SM400A		
JL3-JL4								402 kg		

APPROACH BRIDGE CROSSBEAM R36 JL4-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	2936	78.50	53.0	53	SM400A		
1	WEB	PL	829* 9	2935	70.65	146	146	SM400A	85	
2	VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
JL4-JL5								209 kg		

APPROACH BRIDGE CROSSBEAM R36 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	CR-FLG	PL	230* 10	2691	78.50	48.6	49	SM400A		
1	CR-FLG	PL	100* 10	2690	78.50	21.1	21	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	CR-WEB	PL	800* 9	2707	70.65	153	153	SM400A		
1	CR-WEB	PL	400* 9	2690	70.65	76.0	76	SM400A		
2	CR-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	CR-VSTF	PL	190* 15	1457	117.8	32.6	33	SM400A		
1	CR-VSTF	PL	190* 15	1507	117.8	33.7	34	SM400A		
JL5-JL6								402 kg		

APPROACH BRIDGE CROSSBEAM R36 JL6-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1285	78.50	23.2	23	SM400A		
1	WEB	PL	800* 9	1301	70.65	62.5	62	SM400A	85	
1	VSTF	PL	90* 9	495	70.65	3.15	3	SM400A		

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JL6-JL7	88 kg
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APPROACH BRIDGE CROSSBEAM R36 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	168	78.50	3.03	3	SM400A		
1	FLG	PL	230* 10	633	78.50	11.4	11	SM400A		
1	CR-FLG	PL	230* 10	2545	78.50	46.0	46	SM400A		
1	CR-FLG	PL	100* 10	1721	78.50	13.5	14	SM400A		
1	WEB	PL	788* 9	611	70.65	18.7	19	SM400A	55	
1	WEB	PL	803* 9	168	70.65	9.53	10	SM400A		
1	CR-WEB	PL	800* 9	2990	70.65	169	169	SM400A		
1	CR-WEB	PL	400* 9	1714	70.65	48.4	48	SM400A		
2	CR-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	CR-VSTF	PL	240* 19	1808	149.2	64.7	65	SM400A		
1	CR-VSTF	PL	240* 19	1510	149.2	54.1	54	SM400A		
JL7-JL8							445 kg			

APPROACH BRIDGE CROSSBEAM R36 JL8-RR1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1024	78.50	18.5	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		
JL8-RR1							53 kg			
R36							2185 kg			

APPROACH BRIDGE CROSSBEAM R37 LL1-JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1024	78.50	18.5	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		
LL1-JL1							53 kg			

APPROACH BRIDGE CROSSBEAM R37 JL1-JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	633	78.50	11.4	11	SM400A		

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1	FLG	PL	230* 10	168	78.50	3.03	3	SM400A		
1	CR-FLG	PL	230* 10	2545	78.50	46.0	46	SM400A		
1	CR-FLG	PL	100* 10	1721	78.50	13.5	14	SM400A		
1	WEB	PL	788* 9	609	70.65	18.6	19	SM400A	55	
1	CR-WEB	PL	800* 9	2990	70.65	169	169	SM400A		
1	CR-WEB	PL	400* 9	1714	70.65	48.4	48	SM400A		
1	WEB	PL	803* 9	168	70.65	9.53	10	SM400A		
2	CR-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	CR-VSTF	PL	240* 19	1808	149.2	64.7	65	SM400A		
1	CR-VSTF	PL	240* 19	1510	149.2	54.1	54	SM400A		
JL1-JL2							445 kg			

APPROACH BRIDGE CROSSBEAM R37 JL2-JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1285	78.50	23.2	23	SM400A		
1	WEB	PL	800* 9	1301	70.65	62.5	62	SM400A	85	
1	VSTF	PL	90* 9	495	70.65	3.15	3	SM400A		
JL2-JL3							88 kg			

APPROACH BRIDGE CROSSBEAM R37 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	CR-FLG	PL	230* 10	2691	78.50	48.6	49	SM400A		
1	CR-FLG	PL	100* 10	2690	78.50	21.1	21	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	CR-WEB	PL	800* 9	2707	70.65	153	153	SM400A		
1	CR-WEB	PL	400* 9	2690	70.65	76.0	76	SM400A		
2	CR-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	CR-VSTF	PL	190* 15	1457	117.8	32.6	33	SM400A		
1	CR-VSTF	PL	190* 15	1507	117.8	33.7	34	SM400A		
JL3-JL4							402 kg			

APPROACH BRIDGE CROSSBEAM R37 JL4-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	2936	78.50	53.0	53	SM400A		
1	WEB	PL	829* 9	2935	70.65	146	146	SM400A	85	

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2	VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
JL4-JL5							209 kg			

APPROACH BRIDGE CROSSBEAM R37 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	CR-FLG	PL	230* 10	2691	78.50	48.6	49	SM400A		
1	CR-FLG	PL	100* 10	2690	78.50	21.1	21	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	CR-WEB	PL	800* 9	2707	70.65	153	153	SM400A		
1	CR-WEB	PL	400* 9	2690	70.65	76.0	76	SM400A		
2	CR-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	CR-VSTF	PL	190* 15	1457	117.8	32.6	33	SM400A		
1	CR-VSTF	PL	190* 15	1507	117.8	33.7	34	SM400A		
JL5-JL6							402 kg			

APPROACH BRIDGE CROSSBEAM R37 JL6-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1285	78.50	23.2	23	SM400A		
1	WEB	PL	800* 9	1301	70.65	62.5	62	SM400A	85	
1	VSTF	PL	90* 9	495	70.65	3.15	3	SM400A		
JL6-JL7							88 kg			

APPROACH BRIDGE CROSSBEAM R37 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	168	78.50	3.03	3	SM400A		
1	FLG	PL	230* 10	633	78.50	11.4	11	SM400A		
1	CR-FLG	PL	230* 10	2545	78.50	46.0	46	SM400A		
1	CR-FLG	PL	100* 10	1721	78.50	13.5	14	SM400A		
1	WEB	PL	788* 9	611	70.65	18.7	19	SM400A	55	
1	WEB	PL	803* 9	168	70.65	9.53	10	SM400A		
1	CR-WEB	PL	800* 9	2990	70.65	169	169	SM400A		
1	CR-WEB	PL	400* 9	1714	70.65	48.4	48	SM400A		
2	CR-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	CR-VSTF	PL	240* 19	1808	149.2	64.7	65	SM400A		
1	CR-VSTF	PL	240* 19	1510	149.2	54.1	54	SM400A		

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JL7-JL8	445 kg
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APPROACH BRIDGE CROSSBEAM R37 JL8-RR1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1024	78.50	18.5	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		
JL8-RR1							53 kg			
R37							2185 kg			

APPROACH BRIDGE CROSSBEAM R38 LL1-JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1024	78.50	18.5	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		
LL1-JL1							53 kg			

APPROACH BRIDGE CROSSBEAM R38 JL1-JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	633	78.50	11.4	11	SM400A		
1	FLG	PL	230* 10	168	78.50	3.03	3	SM400A		
1	CR-FLG	PL	230* 10	2545	78.50	46.0	46	SM400A		
1	CR-FLG	PL	100* 10	1721	78.50	13.5	14	SM400A		
1	WEB	PL	788* 9	609	70.65	18.6	19	SM400A	55	
1	CR-WEB	PL	800* 9	2990	70.65	169	169	SM400A		
1	CR-WEB	PL	400* 9	1714	70.65	48.4	48	SM400A		
1	WEB	PL	803* 9	168	70.65	9.53	10	SM400A		
2	CR-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	CR-VSTF	PL	240* 19	1808	149.2	64.7	65	SM400A		
1	CR-VSTF	PL	240* 19	1510	149.2	54.1	54	SM400A		
JL1-JL2							445 kg			

APPROACH BRIDGE CROSSBEAM R38 JL2-JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1285	78.50	23.2	23	SM400A		

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1	WEB	PL	800* 9	1301	70.65	62.5	62	SM400A	85	
1	VSTF	PL	90* 9	495	70.65	3.15	3	SM400A		
JL2-JL3							88 kg			

APPROACH BRIDGE CROSSBEAM R38 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	CR-FLG	PL	230* 10	2691	78.50	48.6	49	SM400A		
1	CR-FLG	PL	100* 10	2690	78.50	21.1	21	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	CR-WEB	PL	800* 9	2707	70.65	153	153	SM400A		
1	CR-WEB	PL	400* 9	2690	70.65	76.0	76	SM400A		
2	CR-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	CR-VSTF	PL	190* 15	1457	117.8	32.6	33	SM400A		
1	CR-VSTF	PL	190* 15	1507	117.8	33.7	34	SM400A		
JL3-JL4							402 kg			

APPROACH BRIDGE CROSSBEAM R38 JL4-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	2936	78.50	53.0	53	SM400A		
1	WEB	PL	829* 9	2935	70.65	146	146	SM400A	85	
2	VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
JL4-JL5							209 kg			

APPROACH BRIDGE CROSSBEAM R38 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	CR-FLG	PL	230* 10	2691	78.50	48.6	49	SM400A		
1	CR-FLG	PL	100* 10	2690	78.50	21.1	21	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	CR-WEB	PL	800* 9	2707	70.65	153	153	SM400A		
1	CR-WEB	PL	400* 9	2690	70.65	76.0	76	SM400A		
2	CR-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	CR-VSTF	PL	190* 15	1457	117.8	32.6	33	SM400A		

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1	CR-VSTF	PL	190* 15	1507	117.8	33.7	34	SM400A			
JL5-JL6							402 kg				

APPROACH BRIDGE CROSSBEAM R38 JL6-JL7											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	FLG	PL	230* 10	1285	78.50	23.2	23	SM400A			
1	WEB	PL	800* 9	1301	70.65	62.5	62	SM400A	85		
1	VSTF	PL	90* 9	495	70.65	3.15	3	SM400A			
JL6-JL7							88 kg				

APPROACH BRIDGE CROSSBEAM R38 JL7-JL8											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	FLG	PL	230* 10	168	78.50	3.03	3	SM400A			
1	FLG	PL	230* 10	633	78.50	11.4	11	SM400A			
1	CR-FLG	PL	230* 10	2545	78.50	46.0	46	SM400A			
1	CR-FLG	PL	100* 10	1721	78.50	13.5	14	SM400A			
1	WEB	PL	788* 9	611	70.65	18.7	19	SM400A	55		
1	WEB	PL	803* 9	168	70.65	9.53	10	SM400A			
1	CR-WEB	PL	800* 9	2990	70.65	169	169	SM400A			
1	CR-WEB	PL	400* 9	1714	70.65	48.4	48	SM400A			
2	CR-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A			
1	CR-VSTF	PL	240* 19	1808	149.2	64.7	65	SM400A			
1	CR-VSTF	PL	240* 19	1510	149.2	54.1	54	SM400A			
JL7-JL8							445 kg				

APPROACH BRIDGE CROSSBEAM R38 JL8-RR1											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	FLG	PL	230* 10	1024	78.50	18.5	18	SM400A			
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65		
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A			
JL8-RR1							53 kg				
R38							2185 kg				

APPROACH BRIDGE CROSSBEAM R39 LL1-JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks

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1	FLG	PL	230* 10	1024	78.50	18.5	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		
LL1-JL1								53 kg		

APPROACH BRIDGE CROSSBEAM R39 JL1-JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	633	78.50	11.4	11	SM400A		
1	FLG	PL	230* 10	168	78.50	3.03	3	SM400A		
1	CR-FLG	PL	230* 10	2545	78.50	46.0	46	SM400A		
1	CR-FLG	PL	100* 10	1721	78.50	13.5	14	SM400A		
1	WEB	PL	788* 9	609	70.65	18.6	19	SM400A	55	
1	CR-WEB	PL	800* 9	2990	70.65	169	169	SM400A		
1	CR-WEB	PL	400* 9	1714	70.65	48.4	48	SM400A		
1	WEB	PL	803* 9	168	70.65	9.53	10	SM400A		
2	CR-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	CR-VSTF	PL	240* 19	1808	149.2	64.7	65	SM400A		
1	CR-VSTF	PL	240* 19	1510	149.2	54.1	54	SM400A		
JL1-JL2								445 kg		

APPROACH BRIDGE CROSSBEAM R39 JL2-JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1285	78.50	23.2	23	SM400A		
1	WEB	PL	800* 9	1301	70.65	62.5	62	SM400A	85	
1	VSTF	PL	90* 9	495	70.65	3.15	3	SM400A		
JL2-JL3								88 kg		

APPROACH BRIDGE CROSSBEAM R39 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	CR-FLG	PL	230* 10	2691	78.50	48.6	49	SM400A		
1	CR-FLG	PL	100* 10	2690	78.50	21.1	21	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	CR-WEB	PL	800* 9	2707	70.65	153	153	SM400A		
1	CR-WEB	PL	400* 9	2690	70.65	76.0	76	SM400A		
2	CR-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		

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1	CR-VSTF	PL	190* 15	1457	117.8	32.6	33	SM400A		
1	CR-VSTF	PL	190* 15	1507	117.8	33.7	34	SM400A		
JL3-JL4							402 kg			

APPROACH BRIDGE CROSSBEAM R39 JL4-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	2936	78.50	53.0	53	SM400A		
1	WEB	PL	829* 9	2935	70.65	146	146	SM400A	85	
2	VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
JL4-JL5							209 kg			

APPROACH BRIDGE CROSSBEAM R39 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	CR-FLG	PL	230* 10	2691	78.50	48.6	49	SM400A		
1	CR-FLG	PL	100* 10	2690	78.50	21.1	21	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	CR-WEB	PL	800* 9	2707	70.65	153	153	SM400A		
1	CR-WEB	PL	400* 9	2690	70.65	76.0	76	SM400A		
2	CR-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	CR-VSTF	PL	190* 15	1457	117.8	32.6	33	SM400A		
1	CR-VSTF	PL	190* 15	1507	117.8	33.7	34	SM400A		
JL5-JL6							402 kg			

APPROACH BRIDGE CROSSBEAM R39 JL6-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1285	78.50	23.2	23	SM400A		
1	WEB	PL	800* 9	1301	70.65	62.5	62	SM400A	85	
1	VSTF	PL	90* 9	495	70.65	3.15	3	SM400A		
JL6-JL7							88 kg			

APPROACH BRIDGE CROSSBEAM R39 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	168	78.50	3.03	3	SM400A		

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1	FLG	PL	230* 10	633	78.50	11.4	11	SM400A			
1	CR-FLG	PL	230* 10	2545	78.50	46.0	46	SM400A			
1	CR-FLG	PL	100* 10	1721	78.50	13.5	14	SM400A			
1	WEB	PL	788* 9	611	70.65	18.7	19	SM400A	55		
1	WEB	PL	803* 9	168	70.65	9.53	10	SM400A			
1	CR-WEB	PL	800* 9	2990	70.65	169	169	SM400A			
1	CR-WEB	PL	400* 9	1714	70.65	48.4	48	SM400A			
2	CR-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A			
1	CR-VSTF	PL	240* 19	1808	149.2	64.7	65	SM400A			
1	CR-VSTF	PL	240* 19	1510	149.2	54.1	54	SM400A			
							JL7-JL8				445 kg

APPROACH BRIDGE CROSSBEAM R39 JL8-RR1											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	FLG	PL	230* 10	1024	78.50	18.5	18	SM400A			
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65		
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A			
							JL8-RR1				53 kg
							R39				2185 kg

APPROACH BRIDGE CROSSBEAM R40 LL1-JL1											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	FLG	PL	230* 10	1024	78.50	18.5	18	SM400A			
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65		
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A			
							LL1-JL1				53 kg

APPROACH BRIDGE CROSSBEAM R40 JL1-JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	630	78.50	11.4	11	SM400A		
1	FLG	PL	230* 10	166	78.50	3.00	3	SM400A		
1	CR-FLG	PL	230* 10	2545	78.50	46.0	46	SM400A		
1	CR-FLG	PL	100* 10	1721	78.50	13.5	14	SM400A		
1	WEB	PL	788* 9	609	70.65	18.6	19	SM400A	55	
1	CR-WEB	PL	800* 9	2990	70.65	169	169	SM400A		
1	CR-WEB	PL	400* 9	1714	70.65	48.4	48	SM400A		
1	WEB	PL	803* 9	168	70.65	9.53	10	SM400A		

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2	CR-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	CR-VSTF	PL	240* 19	1808	149.2	64.7	65	SM400A		
1	CR-VSTF	PL	240* 19	1510	149.2	54.1	54	SM400A		
JL1-JL2							445 kg			

APPROACH BRIDGE CROSSBEAM R40 JL2-JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1285	78.50	23.2	23	SM400A		
1	WEB	PL	800* 9	1301	70.65	62.5	62	SM400A	85	
1	VSTF	PL	90* 9	495	70.65	3.15	3	SM400A		
JL2-JL3							88 kg			

APPROACH BRIDGE CROSSBEAM R40 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	CR-FLG	PL	230* 10	2691	78.50	48.6	49	SM400A		
1	CR-FLG	PL	100* 10	2690	78.50	21.1	21	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	CR-WEB	PL	800* 9	2707	70.65	153	153	SM400A		
1	CR-WEB	PL	400* 9	2690	70.65	76.0	76	SM400A		
2	CR-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	CR-VSTF	PL	190* 15	1457	117.8	32.6	33	SM400A		
1	CR-VSTF	PL	190* 15	1507	117.8	33.7	34	SM400A		
JL3-JL4							402 kg			

APPROACH BRIDGE CROSSBEAM R40 JL4-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	2936	78.50	53.0	53	SM400A		
1	WEB	PL	829* 9	2935	70.65	146	146	SM400A	85	
2	VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
JL4-JL5							209 kg			

APPROACH BRIDGE CROSSBEAM R40 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks

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1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	CR-FLG	PL	230* 10	2691	78.50	48.6	49	SM400A		
1	CR-FLG	PL	100* 10	2690	78.50	21.1	21	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	CR-WEB	PL	800* 9	2707	70.65	153	153	SM400A		
1	CR-WEB	PL	400* 9	2690	70.65	76.0	76	SM400A		
2	CR-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	CR-VSTF	PL	190* 15	1457	117.8	32.6	33	SM400A		
1	CR-VSTF	PL	190* 15	1507	117.8	33.7	34	SM400A		
JL5-JL6								402 kg		

APPROACH BRIDGE CROSSBEAM R40 JL6-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1285	78.50	23.2	23	SM400A		
1	WEB	PL	800* 9	1301	70.65	62.5	62	SM400A	85	
1	VSTF	PL	90* 9	495	70.65	3.15	3	SM400A		
JL6-JL7								88 kg		

APPROACH BRIDGE CROSSBEAM R40 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	166	78.50	3.00	3	SM400A		
1	FLG	PL	230* 10	630	78.50	11.4	11	SM400A		
1	CR-FLG	PL	230* 10	2545	78.50	46.0	46	SM400A		
1	CR-FLG	PL	100* 10	1721	78.50	13.5	14	SM400A		
1	WEB	PL	788* 9	611	70.65	18.7	19	SM400A	55	
1	WEB	PL	803* 9	168	70.65	9.53	10	SM400A		
1	CR-WEB	PL	800* 9	2990	70.65	169	169	SM400A		
1	CR-WEB	PL	400* 9	1714	70.65	48.4	48	SM400A		
2	CR-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	CR-VSTF	PL	240* 19	1808	149.2	64.7	65	SM400A		
1	CR-VSTF	PL	240* 19	1510	149.2	54.1	54	SM400A		
JL7-JL8								445 kg		

APPROACH BRIDGE CROSSBEAM R40 JL8-RR1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1024	78.50	18.5	18	SM400A		

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1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		
JL8-RR1							53 kg			
R40							2185 kg			

APPROACH BRIDGE CROSSBEAM R41 LL1-JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1024	78.50	18.5	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		
LL1-JL1							53 kg			

APPROACH BRIDGE CROSSBEAM R41 JL1-JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	630	78.50	11.4	11	SM400A		
1	FLG	PL	230* 10	166	78.50	3.00	3	SM400A		
1	CR-FLG	PL	230* 10	2545	78.50	46.0	46	SM400A		
1	CR-FLG	PL	100* 10	1721	78.50	13.5	14	SM400A		
1	WEB	PL	788* 9	609	70.65	18.6	19	SM400A	55	
1	CR-WEB	PL	800* 9	2990	70.65	169	169	SM400A		
1	CR-WEB	PL	400* 9	1714	70.65	48.4	48	SM400A		
1	WEB	PL	803* 9	168	70.65	9.53	10	SM400A		
2	CR-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	CR-VSTF	PL	240* 19	1808	149.2	64.7	65	SM400A		
1	CR-VSTF	PL	240* 19	1510	149.2	54.1	54	SM400A		
JL1-JL2							445 kg			

APPROACH BRIDGE CROSSBEAM R41 JL2-JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1285	78.50	23.2	23	SM400A		
1	WEB	PL	800* 9	1301	70.65	62.5	62	SM400A	85	
1	VSTF	PL	90* 9	495	70.65	3.15	3	SM400A		
JL2-JL3							88 kg			

APPROACH BRIDGE CROSSBEAM R41 JL3-JL4										

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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	CR-FLG	PL	230* 10	2691	78.50	48.6	49	SM400A		
1	CR-FLG	PL	100* 10	2690	78.50	21.1	21	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	CR-WEB	PL	800* 9	2707	70.65	153	153	SM400A		
1	CR-WEB	PL	400* 9	2690	70.65	76.0	76	SM400A		
2	CR-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	CR-VSTF	PL	190* 15	1457	117.8	32.6	33	SM400A		
1	CR-VSTF	PL	190* 15	1507	117.8	33.7	34	SM400A		
JL3-JL4							402 kg			

APPROACH BRIDGE CROSSBEAM R41 JL4-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	2936	78.50	53.0	53	SM400A		
1	WEB	PL	829* 9	2935	70.65	146	146	SM400A	85	
2	VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
JL4-JL5							209 kg			

APPROACH BRIDGE CROSSBEAM R41 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	CR-FLG	PL	230* 10	2691	78.50	48.6	49	SM400A		
1	CR-FLG	PL	100* 10	2690	78.50	21.1	21	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	CR-WEB	PL	800* 9	2707	70.65	153	153	SM400A		
1	CR-WEB	PL	400* 9	2690	70.65	76.0	76	SM400A		
2	CR-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	CR-VSTF	PL	190* 15	1457	117.8	32.6	33	SM400A		
1	CR-VSTF	PL	190* 15	1507	117.8	33.7	34	SM400A		
JL5-JL6							402 kg			

APPROACH BRIDGE CROSSBEAM R41 JL6-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks

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1	FLG	PL	230* 10	1285	78.50	23.2	23	SM400A		
1	WEB	PL	800* 9	1301	70.65	62.5	62	SM400A	85	
1	VSTF	PL	90* 9	495	70.65	3.15	3	SM400A		
							88 kg			
JL6-JL7										

APPROACH BRIDGE CROSSBEAM R41 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	166	78.50	3.00	3	SM400A		
1	FLG	PL	230* 10	630	78.50	11.4	11	SM400A		
1	CR-FLG	PL	230* 10	2545	78.50	46.0	46	SM400A		
1	CR-FLG	PL	100* 10	1721	78.50	13.5	14	SM400A		
1	WEB	PL	788* 9	611	70.65	18.7	19	SM400A	55	
1	WEB	PL	803* 9	168	70.65	9.53	10	SM400A		
1	CR-WEB	PL	800* 9	2990	70.65	169	169	SM400A		
1	CR-WEB	PL	400* 9	1714	70.65	48.4	48	SM400A		
2	CR-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	CR-VSTF	PL	240* 19	1808	149.2	64.7	65	SM400A		
1	CR-VSTF	PL	240* 19	1510	149.2	54.1	54	SM400A		
							445 kg			
JL7-JL8										

APPROACH BRIDGE CROSSBEAM R41 JL8-RR1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1024	78.50	18.5	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		
							53 kg			
JL8-RR1										
							2185 kg			
R41										

APPROACH BRIDGE CROSSBEAM R42 LL1-JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1024	78.50	18.5	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		
							53 kg			
LL1-JL1										

APPROACH BRIDGE CROSSBEAM R42 JL1-JL2										
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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	630	78.50	11.4	11	SM400A		
1	FLG	PL	230* 10	166	78.50	3.00	3	SM400A		
1	CR-FLG	PL	230* 10	2545	78.50	46.0	46	SM400A		
1	CR-FLG	PL	100* 10	1721	78.50	13.5	14	SM400A		
1	WEB	PL	788* 9	609	70.65	18.6	19	SM400A	55	
1	CR-WEB	PL	800* 9	2990	70.65	169	169	SM400A		
1	CR-WEB	PL	400* 9	1714	70.65	48.4	48	SM400A		
1	WEB	PL	803* 9	168	70.65	9.53	10	SM400A		
2	CR-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	CR-VSTF	PL	240* 19	1808	149.2	64.7	65	SM400A		
1	CR-VSTF	PL	240* 19	1510	149.2	54.1	54	SM400A		
JL1-JL2							445 kg			

APPROACH BRIDGE CROSSBEAM R42 JL2-JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1285	78.50	23.2	23	SM400A		
1	WEB	PL	800* 9	1301	70.65	62.5	62	SM400A	85	
1	VSTF	PL	90* 9	495	70.65	3.15	3	SM400A		
JL2-JL3							88 kg			

APPROACH BRIDGE CROSSBEAM R42 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	CR-FLG	PL	230* 10	2691	78.50	48.6	49	SM400A		
1	CR-FLG	PL	100* 10	2690	78.50	21.1	21	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	CR-WEB	PL	800* 9	2707	70.65	153	153	SM400A		
1	CR-WEB	PL	400* 9	2690	70.65	76.0	76	SM400A		
2	CR-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	CR-VSTF	PL	190* 15	1457	117.8	32.6	33	SM400A		
1	CR-VSTF	PL	190* 15	1507	117.8	33.7	34	SM400A		
JL3-JL4							402 kg			

APPROACH BRIDGE CROSSBEAM R42 JL4-JL5										

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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	2936	78.50	53.0	53	SM400A		
1	WEB	PL	829* 9	2935	70.65	146	146	SM400A	85	
2	VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
JL4-JL5							209 kg			

APPROACH BRIDGE CROSSBEAM R42 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	CR-FLG	PL	230* 10	2691	78.50	48.6	49	SM400A		
1	CR-FLG	PL	100* 10	2690	78.50	21.1	21	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	CR-WEB	PL	800* 9	2707	70.65	153	153	SM400A		
1	CR-WEB	PL	400* 9	2690	70.65	76.0	76	SM400A		
2	CR-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	CR-VSTF	PL	190* 15	1457	117.8	32.6	33	SM400A		
1	CR-VSTF	PL	190* 15	1507	117.8	33.7	34	SM400A		
JL5-JL6							402 kg			

APPROACH BRIDGE CROSSBEAM R42 JL6-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1285	78.50	23.2	23	SM400A		
1	WEB	PL	800* 9	1301	70.65	62.5	62	SM400A	85	
1	VSTF	PL	90* 9	495	70.65	3.15	3	SM400A		
JL6-JL7							88 kg			

APPROACH BRIDGE CROSSBEAM R42 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	166	78.50	3.00	3	SM400A		
1	FLG	PL	230* 10	630	78.50	11.4	11	SM400A		
1	CR-FLG	PL	230* 10	2545	78.50	46.0	46	SM400A		
1	CR-FLG	PL	100* 10	1721	78.50	13.5	14	SM400A		
1	WEB	PL	788* 9	611	70.65	18.7	19	SM400A	55	
1	WEB	PL	803* 9	168	70.65	9.53	10	SM400A		
1	CR-WEB	PL	800* 9	2990	70.65	169	169	SM400A		
1	CR-WEB	PL	400* 9	1714	70.65	48.4	48	SM400A		

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2	CR-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	CR-VSTF	PL	240* 19	1808	149.2	64.7	65	SM400A		
1	CR-VSTF	PL	240* 19	1510	149.2	54.1	54	SM400A		
JL7-JL8							445 kg			

APPROACH BRIDGE CROSSBEAM R42 JL8-RR1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1024	78.50	18.5	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		
JL8-RR1							53 kg			
R42							2185 kg			

APPROACH BRIDGE CROSSBEAM R43 LL1-JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1024	78.50	18.5	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		
LL1-JL1							53 kg			

APPROACH BRIDGE CROSSBEAM R43 JL1-JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	627	78.50	11.3	11	SM400A		
1	FLG	PL	230* 10	168	78.50	3.03	3	SM400A		
1	CR-FLG	PL	230* 10	2545	78.50	46.0	46	SM400A		
1	CR-FLG	PL	100* 10	1721	78.50	13.5	14	SM400A		
1	WEB	PL	787* 9	606	70.65	18.5	18	SM400A	55	
1	CR-WEB	PL	800* 9	2990	70.65	169	169	SM400A		
1	CR-WEB	PL	400* 9	1714	70.65	48.4	48	SM400A		
1	WEB	PL	803* 9	166	70.65	9.42	9	SM400A		
2	CR-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	CR-VSTF	PL	240* 19	1808	149.2	64.7	65	SM400A		
1	CR-VSTF	PL	240* 19	1510	149.2	54.1	54	SM400A		
JL1-JL2							443 kg			

APPROACH BRIDGE CROSSBEAM R43 JL2-JL3										
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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1285	78.50	23.2	23	SM400A		
1	WEB	PL	800* 9	1301	70.65	62.5	62	SM400A	85	
1	VSTF	PL	90* 9	495	70.65	3.15	3	SM400A		
JL2-JL3							88 kg			

APPROACH BRIDGE CROSSBEAM R43 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	166	78.50	3.00	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	CR-FLG	PL	230* 10	2690	78.50	48.6	49	SM400A		
1	CR-FLG	PL	100* 10	2690	78.50	21.1	21	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	CR-WEB	PL	800* 9	2707	70.65	153	153	SM400A		
1	CR-WEB	PL	400* 9	2690	70.65	76.0	76	SM400A		
2	CR-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	CR-VSTF	PL	190* 15	1457	117.8	32.6	33	SM400A		
1	CR-VSTF	PL	190* 15	1507	117.8	33.7	34	SM400A		
JL3-JL4							402 kg			

APPROACH BRIDGE CROSSBEAM R43 JL4-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	2959	78.50	53.4	53	SM400A		
1	WEB	PL	830* 9	2959	70.65	147	147	SM400A	85	
2	VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
JL4-JL5							210 kg			

APPROACH BRIDGE CROSSBEAM R43 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	CR-FLG	PL	230* 10	2691	78.50	48.6	49	SM400A		
1	CR-FLG	PL	100* 10	2690	78.50	21.1	21	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	CR-WEB	PL	800* 9	2707	70.65	153	153	SM400A		

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1	CR-WEB	PL	400* 9	2690	70.65	76.0	76	SM400A		
2	CR-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	CR-VSTF	PL	190* 15	1457	117.8	32.6	33	SM400A		
1	CR-VSTF	PL	190* 15	1507	117.8	33.7	34	SM400A		
JL5-JL6							402 kg			

APPROACH BRIDGE CROSSBEAM R43 JL6-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1285	78.50	23.2	23	SM400A		
1	WEB	PL	800* 9	1301	70.65	62.5	62	SM400A	85	
2	VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
JL6-JL7							91 kg			

APPROACH BRIDGE CROSSBEAM R43 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	166	78.50	3.00	3	SM400A		
1	FLG	PL	230* 10	627	78.50	11.3	11	SM400A		
1	CR-FLG	PL	230* 10	2546	78.50	46.0	46	SM400A		
1	CR-FLG	PL	100* 10	1721	78.50	13.5	14	SM400A		
1	WEB	PL	787* 9	609	70.65	18.6	19	SM400A	55	
1	WEB	PL	803* 9	166	70.65	9.42	9	SM400A		
1	CR-WEB	PL	800* 9	2990	70.65	169	169	SM400A		
1	CR-WEB	PL	400* 9	1714	70.65	48.4	48	SM400A		
2	CR-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	CR-VSTF	PL	240* 19	1808	149.2	64.7	65	SM400A		
1	CR-VSTF	PL	240* 19	1510	149.2	54.1	54	SM400A		
JL7-JL8							444 kg			

APPROACH BRIDGE CROSSBEAM R43 JL8-RR1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1024	78.50	18.5	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		
JL8-RR1							53 kg			
R43							2186 kg			

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APPROACH BRIDGE CROSSBEAM R44 LL1-JL1											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	FLG	PL	230* 10	1024	78.50	18.5	18	SM400A			
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65		
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A			
							LL1-JL1				53 kg

APPROACH BRIDGE CROSSBEAM R44 JL1-JL2											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	FLG	PL	230* 10	627	78.50	11.3	11	SM400A			
1	FLG	PL	230* 10	168	78.50	3.03	3	SM400A			
1	CR-FLG	PL	230* 10	2545	78.50	46.0	46	SM400A			
1	CR-FLG	PL	100* 10	1721	78.50	13.5	14	SM400A			
1	WEB	PL	787* 9	606	70.65	18.5	18	SM400A	55		
1	CR-WEB	PL	800* 9	2990	70.65	169	169	SM400A			
1	CR-WEB	PL	400* 9	1714	70.65	48.4	48	SM400A			
1	WEB	PL	803* 9	166	70.65	9.42	9	SM400A			
2	CR-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A			
1	CR-VSTF	PL	240* 19	1808	149.2	64.7	65	SM400A			
1	CR-VSTF	PL	240* 19	1510	149.2	54.1	54	SM400A			
							JL1-JL2				443 kg

APPROACH BRIDGE CROSSBEAM R44 JL2-JL3											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	FLG	PL	230* 10	1285	78.50	23.2	23	SM400A			
1	WEB	PL	800* 9	1301	70.65	62.5	62	SM400A	85		
1	VSTF	PL	90* 9	495	70.65	3.15	3	SM400A			
							JL2-JL3				88 kg

APPROACH BRIDGE CROSSBEAM R44 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	166	78.50	3.00	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	CR-FLG	PL	230* 10	2690	78.50	48.6	49	SM400A		
1	CR-FLG	PL	100* 10	2690	78.50	21.1	21	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		

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1	CR-WEB	PL	800* 9	2707	70.65	153	153	SM400A		
1	CR-WEB	PL	400* 9	2690	70.65	76.0	76	SM400A		
2	CR-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	CR-VSTF	PL	190* 15	1457	117.8	32.6	33	SM400A		
1	CR-VSTF	PL	190* 15	1507	117.8	33.7	34	SM400A		
JL3-JL4							402 kg			

APPROACH BRIDGE CROSSBEAM R44 JL4-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	3115	78.50	56.2	56	SM400A		
1	WEB	PL	833* 9	3115	70.65	156	156	SM400A	85	
2	VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
JL4-JL5							222 kg			

APPROACH BRIDGE CROSSBEAM R44 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	CR-FLG	PL	230* 10	2691	78.50	48.6	49	SM400A		
1	CR-FLG	PL	100* 10	2690	78.50	21.1	21	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	CR-WEB	PL	800* 9	2707	70.65	153	153	SM400A		
1	CR-WEB	PL	400* 9	2690	70.65	76.0	76	SM400A		
2	CR-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	CR-VSTF	PL	190* 15	1457	117.8	32.6	33	SM400A		
1	CR-VSTF	PL	190* 15	1507	117.8	33.7	34	SM400A		
JL5-JL6							402 kg			

APPROACH BRIDGE CROSSBEAM R44 JL6-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1285	78.50	23.2	23	SM400A		
1	WEB	PL	800* 9	1301	70.65	62.5	62	SM400A	85	
2	VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
JL6-JL7							91 kg			

APPROACH BRIDGE CROSSBEAM R44 JL7-JL8										
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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	166	78.50	3.00	3	SM400A		
1	FLG	PL	230* 10	627	78.50	11.3	11	SM400A		
1	CR-FLG	PL	230* 10	2546	78.50	46.0	46	SM400A		
1	CR-FLG	PL	100* 10	1721	78.50	13.5	14	SM400A		
1	WEB	PL	787* 9	609	70.65	18.6	19	SM400A	55	
1	WEB	PL	803* 9	166	70.65	9.42	9	SM400A		
1	CR-WEB	PL	800* 9	2990	70.65	169	169	SM400A		
1	CR-WEB	PL	400* 9	1714	70.65	48.4	48	SM400A		
2	CR-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	CR-VSTF	PL	240* 19	1808	149.2	64.7	65	SM400A		
1	CR-VSTF	PL	240* 19	1510	149.2	54.1	54	SM400A		
JL7-JL8							444 kg			

APPROACH BRIDGE CROSSBEAM R44 JL8-RR1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1024	78.50	18.5	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		
JL8-RR1							53 kg			
R44							2198 kg			

APPROACH BRIDGE CROSSBEAM R45 LL1-JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1024	78.50	18.5	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		
LL1-JL1							53 kg			

APPROACH BRIDGE CROSSBEAM R45 JL1-JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	630	78.50	11.4	11	SM400A		
1	FLG	PL	230* 10	166	78.50	3.00	3	SM400A		
1	CR-FLG	PL	230* 10	2545	78.50	46.0	46	SM400A		
1	CR-FLG	PL	100* 10	1721	78.50	13.5	14	SM400A		
1	WEB	PL	788* 9	609	70.65	18.6	19	SM400A	55	

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1	CR-WEB	PL	800* 9	2990	70.65	169	169	SM400A		
1	CR-WEB	PL	400* 9	1714	70.65	48.4	48	SM400A		
1	WEB	PL	803* 9	168	70.65	9.53	10	SM400A		
2	CR-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	CR-VSTF	PL	240* 19	1808	149.2	64.7	65	SM400A		
1	CR-VSTF	PL	240* 19	1510	149.2	54.1	54	SM400A		
JL1-JL2							445 kg			

APPROACH BRIDGE CROSSBEAM R45 JL2-JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1285	78.50	23.2	23	SM400A		
1	WEB	PL	800* 9	1301	70.65	62.5	62	SM400A	85	
1	VSTF	PL	90* 9	495	70.65	3.15	3	SM400A		
JL2-JL3							88 kg			

APPROACH BRIDGE CROSSBEAM R45 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	171	78.50	3.09	3	SM400A		
1	CR-FLG	PL	230* 10	2691	78.50	48.6	49	SM400A		
1	CR-FLG	PL	100* 10	2690	78.50	21.1	21	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	CR-WEB	PL	800* 9	2707	70.65	153	153	SM400A		
1	CR-WEB	PL	400* 9	2690	70.65	76.0	76	SM400A		
2	CR-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	CR-VSTF	PL	190* 15	1457	117.8	32.6	33	SM400A		
1	CR-VSTF	PL	190* 15	1507	117.8	33.7	34	SM400A		
JL3-JL4							402 kg			

APPROACH BRIDGE CROSSBEAM R45 JL4-JL4A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1754	78.50	31.7	32	SM400A		
1	WEB	PL	831* 9	1754	70.65	103	103	SM400A		
1	VSTF	PL	90* 9	765	70.65	4.86	5	SM400A		
JL4-JL4A							140 kg			

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APPROACH BRIDGE CROSSBEAM R45 JL4A-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1592	78.50	28.7	29	SM400A		
1	WEB	PL	800* 9	1608	70.65	77.2	77	SM400A	85	
1	VSTF	PL	90* 9	765	70.65	4.86	5	SM400A		
JL4A-JL5							111 kg			

APPROACH BRIDGE CROSSBEAM R45 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	172	78.50	3.11	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	CR-FLG	PL	230* 10	2691	78.50	48.6	49	SM400A		
1	CR-FLG	PL	100* 10	2690	78.50	21.1	21	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	CR-WEB	PL	800* 9	2707	70.65	153	153	SM400A		
1	CR-WEB	PL	400* 9	2690	70.65	76.0	76	SM400A		
2	CR-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	CR-VSTF	PL	190* 15	1457	117.8	32.6	33	SM400A		
1	CR-VSTF	PL	190* 15	1507	117.8	33.7	34	SM400A		
JL5-JL6							402 kg			

APPROACH BRIDGE CROSSBEAM R45 JL6-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1285	78.50	23.2	23	SM400A		
1	WEB	PL	800* 9	1304	70.65	62.6	63	SM400A	85	
1	VSTF	PL	90* 9	495	70.65	3.15	3	SM400A		
JL6-JL7							89 kg			

APPROACH BRIDGE CROSSBEAM R45 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	168	78.50	3.03	3	SM400A		
1	FLG	PL	230* 10	630	78.50	11.4	11	SM400A		
1	CR-FLG	PL	230* 10	2546	78.50	46.0	46	SM400A		
1	CR-FLG	PL	100* 10	1721	78.50	13.5	14	SM400A		
1	WEB	PL	788* 9	611	70.65	18.7	19	SM400A	55	
1	WEB	PL	803* 9	168	70.65	9.53	10	SM400A		

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1	CR-WEB	PL	800* 9	2990	70.65	169	169	SM400A		
1	CR-WEB	PL	400* 9	1714	70.65	48.4	48	SM400A		
2	CR-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	CR-VSTF	PL	240* 19	1808	149.2	64.7	65	SM400A		
1	CR-VSTF	PL	240* 19	1510	149.2	54.1	54	SM400A		
JL7-JL8							445 kg			

APPROACH BRIDGE CROSSBEAM R45 JL8-RR1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1024	78.50	18.5	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		
JL8-RR1							53 kg			
R45							2228 kg			

APPROACH BRIDGE CROSSBEAM R46 LL1-JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1024	78.50	18.5	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		
LL1-JL1							53 kg			

APPROACH BRIDGE CROSSBEAM R46 JL1-JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	630	78.50	11.4	11	SM400A		
1	FLG	PL	230* 10	166	78.50	3.00	3	SM400A		
1	CR-FLG	PL	230* 10	2545	78.50	46.0	46	SM400A		
1	CR-FLG	PL	100* 10	1721	78.50	13.5	14	SM400A		
1	WEB	PL	788* 9	609	70.65	18.6	19	SM400A	55	
1	CR-WEB	PL	800* 9	2990	70.65	169	169	SM400A		
1	CR-WEB	PL	400* 9	1714	70.65	48.4	48	SM400A		
1	WEB	PL	803* 9	168	70.65	9.53	10	SM400A		
2	CR-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	CR-VSTF	PL	240* 19	1808	149.2	64.7	65	SM400A		
1	CR-VSTF	PL	240* 19	1510	149.2	54.1	54	SM400A		
JL1-JL2							445 kg			

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APPROACH BRIDGE CROSSBEAM R46 JL2-JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1285	78.50	23.2	23	SM400A		
1	WEB	PL	800* 9	1301	70.65	62.5	62	SM400A	85	
1	VSTF	PL	90* 9	495	70.65	3.15	3	SM400A		
JL2-JL3							88 kg			

APPROACH BRIDGE CROSSBEAM R46 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	171	78.50	3.09	3	SM400A		
1	CR-FLG	PL	230* 10	2691	78.50	48.6	49	SM400A		
1	CR-FLG	PL	100* 10	2690	78.50	21.1	21	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	CR-WEB	PL	800* 9	2707	70.65	153	153	SM400A		
1	CR-WEB	PL	400* 9	2690	70.65	76.0	76	SM400A		
2	CR-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	CR-VSTF	PL	190* 15	1457	117.8	32.6	33	SM400A		
1	CR-VSTF	PL	190* 15	1507	117.8	33.7	34	SM400A		
JL3-JL4							402 kg			

APPROACH BRIDGE CROSSBEAM R46 JL4-JL4A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1846	78.50	33.3	33	SM400A		
1	WEB	PL	833* 9	1846	70.65	109	109	SM400A		
1	VSTF	PL	90* 9	503	70.65	3.20	3	SM400A		
JL4-JL4A							145 kg			

APPROACH BRIDGE CROSSBEAM R46 JL4A-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1736	78.50	31.3	31	SM400A		
1	WEB	PL	800* 9	1753	70.65	84.2	84	SM400A	85	
2	VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
JL4A-JL5							121 kg			

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APPROACH BRIDGE CROSSBEAM R46 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	172	78.50	3.11	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	CR-FLG	PL	230* 10	2691	78.50	48.6	49	SM400A		
1	CR-FLG	PL	100* 10	2690	78.50	21.1	21	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	CR-WEB	PL	800* 9	2707	70.65	153	153	SM400A		
1	CR-WEB	PL	400* 9	2690	70.65	76.0	76	SM400A		
2	CR-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	CR-VSTF	PL	190* 15	1457	117.8	32.6	33	SM400A		
1	CR-VSTF	PL	190* 15	1507	117.8	33.7	34	SM400A		
JL5-JL6							402 kg			

APPROACH BRIDGE CROSSBEAM R46 JL6-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1285	78.50	23.2	23	SM400A		
1	WEB	PL	800* 9	1304	70.65	62.6	63	SM400A	85	
1	VSTF	PL	90* 9	495	70.65	3.15	3	SM400A		
JL6-JL7							89 kg			

APPROACH BRIDGE CROSSBEAM R46 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	168	78.50	3.03	3	SM400A		
1	FLG	PL	230* 10	630	78.50	11.4	11	SM400A		
1	CR-FLG	PL	230* 10	2546	78.50	46.0	46	SM400A		
1	CR-FLG	PL	100* 10	1721	78.50	13.5	14	SM400A		
1	WEB	PL	788* 9	611	70.65	18.7	19	SM400A	55	
1	WEB	PL	803* 9	168	70.65	9.53	10	SM400A		
1	CR-WEB	PL	800* 9	2990	70.65	169	169	SM400A		
1	CR-WEB	PL	400* 9	1714	70.65	48.4	48	SM400A		
2	CR-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	CR-VSTF	PL	240* 19	1808	149.2	64.7	65	SM400A		
1	CR-VSTF	PL	240* 19	1510	149.2	54.1	54	SM400A		
JL7-JL8							445 kg			

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APPROACH BRIDGE CROSSBEAM R46 JL8-RR1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1024	78.50	18.5	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		
JL8-RR1							53 kg			
R46							2243 kg			

APPROACH BRIDGE CROSSBEAM R47 LL1-JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1024	78.50	18.5	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		
LL1-JL1							53 kg			

APPROACH BRIDGE CROSSBEAM R47 JL1-JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	630	78.50	11.4	11	SM400A		
1	FLG	PL	230* 10	166	78.50	3.00	3	SM400A		
1	CR-FLG	PL	230* 10	2545	78.50	46.0	46	SM400A		
1	CR-FLG	PL	100* 10	1721	78.50	13.5	14	SM400A		
1	WEB	PL	788* 9	609	70.65	18.6	19	SM400A	55	
1	CR-WEB	PL	800* 9	2990	70.65	169	169	SM400A		
1	CR-WEB	PL	400* 9	1714	70.65	48.4	48	SM400A		
1	WEB	PL	803* 9	168	70.65	9.53	10	SM400A		
2	CR-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	CR-VSTF	PL	240* 19	1808	149.2	64.7	65	SM400A		
1	CR-VSTF	PL	240* 19	1510	149.2	54.1	54	SM400A		
JL1-JL2							445 kg			

APPROACH BRIDGE CROSSBEAM R47 JL2-JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1285	78.50	23.2	23	SM400A		
1	WEB	PL	800* 9	1301	70.65	62.5	62	SM400A	85	
1	VSTF	PL	90* 9	495	70.65	3.15	3	SM400A		

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JL2-JL3	88 kg
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APPROACH BRIDGE CROSSBEAM R47 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	171	78.50	3.09	3	SM400A		
1	CR-FLG	PL	230* 10	2691	78.50	48.6	49	SM400A		
1	CR-FLG	PL	100* 10	2690	78.50	21.1	21	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	CR-WEB	PL	800* 9	2707	70.65	153	153	SM400A		
1	CR-WEB	PL	400* 9	2690	70.65	76.0	76	SM400A		
2	CR-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	CR-VSTF	PL	190* 15	1457	117.8	32.6	33	SM400A		
1	CR-VSTF	PL	190* 15	1507	117.8	33.7	34	SM400A		
JL3-JL4							402 kg			

APPROACH BRIDGE CROSSBEAM R47 JL4-JL4A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1949	78.50	35.2	35	SM400A		
1	WEB	PL	835* 9	1949	70.65	115	115	SM400A		
1	VSTF	PL	90* 9	503	70.65	3.20	3	SM400A		
JL4-JL4A							153 kg			

APPROACH BRIDGE CROSSBEAM R47 JL4A-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1870	78.50	33.8	34	SM400A		
1	WEB	PL	800* 9	1886	70.65	90.6	91	SM400A	85	
2	VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
JL4A-JL5							131 kg			

APPROACH BRIDGE CROSSBEAM R47 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	172	78.50	3.11	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	CR-FLG	PL	230* 10	2691	78.50	48.6	49	SM400A		
1	CR-FLG	PL	100* 10	2690	78.50	21.1	21	SM400A		

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1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	CR-WEB	PL	800* 9	2707	70.65	153	153	SM400A		
1	CR-WEB	PL	400* 9	2690	70.65	76.0	76	SM400A		
2	CR-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	CR-VSTF	PL	190* 15	1457	117.8	32.6	33	SM400A		
1	CR-VSTF	PL	190* 15	1507	117.8	33.7	34	SM400A		
JL5-JL6								402 kg		

APPROACH BRIDGE CROSSBEAM R47 JL6-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1285	78.50	23.2	23	SM400A		
1	WEB	PL	800* 9	1304	70.65	62.6	63	SM400A	85	
1	VSTF	PL	90* 9	495	70.65	3.15	3	SM400A		
JL6-JL7								89 kg		

APPROACH BRIDGE CROSSBEAM R47 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	168	78.50	3.03	3	SM400A		
1	FLG	PL	230* 10	630	78.50	11.4	11	SM400A		
1	CR-FLG	PL	230* 10	2546	78.50	46.0	46	SM400A		
1	CR-FLG	PL	100* 10	1721	78.50	13.5	14	SM400A		
1	WEB	PL	788* 9	611	70.65	18.7	19	SM400A	55	
1	WEB	PL	803* 9	168	70.65	9.53	10	SM400A		
1	CR-WEB	PL	800* 9	2990	70.65	169	169	SM400A		
1	CR-WEB	PL	400* 9	1714	70.65	48.4	48	SM400A		
2	CR-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	CR-VSTF	PL	240* 19	1808	149.2	64.7	65	SM400A		
1	CR-VSTF	PL	240* 19	1510	149.2	54.1	54	SM400A		
JL7-JL8								445 kg		

APPROACH BRIDGE CROSSBEAM R47 JL8-RR1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1024	78.50	18.5	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		
JL8-RR1								53 kg		

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R47	2261 kg
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APPROACH BRIDGE CROSSBEAM R48 LL1-JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1024	78.50	18.5	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		
LL1-JL1							53 kg			

APPROACH BRIDGE CROSSBEAM R48 JL1-JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	630	78.50	11.4	11	SM400A		
1	FLG	PL	230* 10	166	78.50	3.00	3	SM400A		
1	CR-FLG	PL	230* 10	2545	78.50	46.0	46	SM400A		
1	CR-FLG	PL	100* 10	1721	78.50	13.5	14	SM400A		
1	WEB	PL	788* 9	609	70.65	18.6	19	SM400A	55	
1	CR-WEB	PL	800* 9	2990	70.65	169	169	SM400A		
1	CR-WEB	PL	400* 9	1714	70.65	48.4	48	SM400A		
1	WEB	PL	803* 9	168	70.65	9.53	10	SM400A		
2	CR-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	CR-VSTF	PL	240* 19	1808	149.2	64.7	65	SM400A		
1	CR-VSTF	PL	240* 19	1510	149.2	54.1	54	SM400A		
JL1-JL2							445 kg			

APPROACH BRIDGE CROSSBEAM R48 JL2-JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1285	78.50	23.2	23	SM400A		
1	WEB	PL	800* 9	1301	70.65	62.5	62	SM400A	85	
1	VSTF	PL	90* 9	495	70.65	3.15	3	SM400A		
JL2-JL3							88 kg			

APPROACH BRIDGE CROSSBEAM R48 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	171	78.50	3.09	3	SM400A		
1	CR-FLG	PL	230* 10	2691	78.50	48.6	49	SM400A		

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1	CR-FLG	PL	100* 10	2690	78.50	21.1	21	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	CR-WEB	PL	800* 9	2707	70.65	153	153	SM400A		
1	CR-WEB	PL	400* 9	2690	70.65	76.0	76	SM400A		
2	CR-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	CR-VSTF	PL	190* 15	1457	117.8	32.6	33	SM400A		
1	CR-VSTF	PL	190* 15	1507	117.8	33.7	34	SM400A		
JL3-JL4							402 kg			

APPROACH BRIDGE CROSSBEAM R48 JL4-JL4A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	2063	78.50	37.2	37	SM400A		
1	WEB	PL	837* 9	2062	70.65	122	122	SM400A		
1	VSTF	PL	90* 9	503	70.65	3.20	3	SM400A		
JL4-JL4A							162 kg			

APPROACH BRIDGE CROSSBEAM R48 JL4A-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1992	78.50	36.0	36	SM400A		
1	WEB	PL	800* 9	2009	70.65	96.5	96	SM400A	85	
2	VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
JL4A-JL5							138 kg			

APPROACH BRIDGE CROSSBEAM R48 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	171	78.50	3.09	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	CR-FLG	PL	230* 10	2691	78.50	48.6	49	SM400A		
1	CR-FLG	PL	100* 10	2690	78.50	21.1	21	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	CR-WEB	PL	800* 9	2707	70.65	153	153	SM400A		
1	CR-WEB	PL	400* 9	2690	70.65	76.0	76	SM400A		
2	CR-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	CR-VSTF	PL	190* 15	1457	117.8	32.6	33	SM400A		
1	CR-VSTF	PL	190* 15	1507	117.8	33.7	34	SM400A		

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JL5-JL6	402 kg
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APPROACH BRIDGE CROSSBEAM R48 JL6-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1285	78.50	23.2	23	SM400A		
1	WEB	PL	800* 9	1304	70.65	62.6	63	SM400A	85	
1	VSTF	PL	90* 9	495	70.65	3.15	3	SM400A		
JL6-JL7							89 kg			

APPROACH BRIDGE CROSSBEAM R48 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	168	78.50	3.03	3	SM400A		
1	FLG	PL	230* 10	630	78.50	11.4	11	SM400A		
1	CR-FLG	PL	230* 10	2546	78.50	46.0	46	SM400A		
1	CR-FLG	PL	100* 10	1721	78.50	13.5	14	SM400A		
1	WEB	PL	788* 9	611	70.65	18.7	19	SM400A	55	
1	WEB	PL	803* 9	168	70.65	9.53	10	SM400A		
1	CR-WEB	PL	800* 9	2990	70.65	169	169	SM400A		
1	CR-WEB	PL	400* 9	1714	70.65	48.4	48	SM400A		
2	CR-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	CR-VSTF	PL	240* 19	1808	149.2	64.7	65	SM400A		
1	CR-VSTF	PL	240* 19	1510	149.2	54.1	54	SM400A		
JL7-JL8							445 kg			

APPROACH BRIDGE CROSSBEAM R48 JL8-RR1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1024	78.50	18.5	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		
JL8-RR1							53 kg			
R48							2277 kg			

APPROACH BRIDGE CROSSBEAM R49 LL1-JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1024	78.50	18.5	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	

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1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A			
							53 kg				
LL1-JL1											

APPROACH BRIDGE CROSSBEAM R49 JL1-JL2											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	FLG	PL	230* 10	630	78.50	11.4	11	SM400A			
1	FLG	PL	230* 10	166	78.50	3.00	3	SM400A			
1	CR-FLG	PL	230* 10	2545	78.50	46.0	46	SM400A			
1	CR-FLG	PL	100* 10	1721	78.50	13.5	14	SM400A			
1	WEB	PL	788* 9	609	70.65	18.6	19	SM400A	55		
1	CR-WEB	PL	800* 9	2990	70.65	169	169	SM400A			
1	CR-WEB	PL	400* 9	1714	70.65	48.4	48	SM400A			
1	WEB	PL	803* 9	168	70.65	9.53	10	SM400A			
2	CR-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A			
1	CR-VSTF	PL	240* 19	1808	149.2	64.7	65	SM400A			
1	CR-VSTF	PL	240* 19	1510	149.2	54.1	54	SM400A			
							445 kg				
JL1-JL2											

APPROACH BRIDGE CROSSBEAM R49 JL2-JL3											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	FLG	PL	230* 10	1285	78.50	23.2	23	SM400A			
1	WEB	PL	800* 9	1301	70.65	62.5	62	SM400A	85		
1	VSTF	PL	90* 9	495	70.65	3.15	3	SM400A			
							88 kg				
JL2-JL3											

APPROACH BRIDGE CROSSBEAM R49 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	171	78.50	3.09	3	SM400A		
1	CR-FLG	PL	230* 10	2691	78.50	48.6	49	SM400A		
1	CR-FLG	PL	100* 10	2690	78.50	21.1	21	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	CR-WEB	PL	800* 9	2707	70.65	153	153	SM400A		
1	CR-WEB	PL	400* 9	2690	70.65	76.0	76	SM400A		
2	CR-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	CR-VSTF	PL	190* 15	1457	117.8	32.6	33	SM400A		
1	CR-VSTF	PL	190* 15	1507	117.8	33.7	34	SM400A		

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JL3-JL4		402 kg
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APPROACH BRIDGE CROSSBEAM R49 JL4-JL4A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	2188	78.50	39.5	40	SM400A		
1	WEB	PL	840* 9	2187	70.65	130	130	SM400A		
1	VSTF	PL	90* 9	503	70.65	3.20	3	SM400A		
JL4-JL4A							173 kg			

APPROACH BRIDGE CROSSBEAM R49 JL4A-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	2104	78.50	38.0	38	SM400A		
1	WEB	PL	800* 9	2120	70.65	102	102	SM400A	85	
2	VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
JL4A-JL5							146 kg			

APPROACH BRIDGE CROSSBEAM R49 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	171	78.50	3.09	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	CR-FLG	PL	230* 10	2691	78.50	48.6	49	SM400A		
1	CR-FLG	PL	100* 10	2690	78.50	21.1	21	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	CR-WEB	PL	800* 9	2707	70.65	153	153	SM400A		
1	CR-WEB	PL	400* 9	2690	70.65	76.0	76	SM400A		
2	CR-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	CR-VSTF	PL	190* 15	1457	117.8	32.6	33	SM400A		
1	CR-VSTF	PL	190* 15	1507	117.8	33.7	34	SM400A		
JL5-JL6							402 kg			

APPROACH BRIDGE CROSSBEAM R49 JL6-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1285	78.50	23.2	23	SM400A		
1	WEB	PL	800* 9	1304	70.65	62.6	63	SM400A	85	
1	VSTF	PL	90* 9	495	70.65	3.15	3	SM400A		

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JL6-JL7	89 kg
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APPROACH BRIDGE CROSSBEAM R49 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	168	78.50	3.03	3	SM400A		
1	FLG	PL	230* 10	630	78.50	11.4	11	SM400A		
1	CR-FLG	PL	230* 10	2546	78.50	46.0	46	SM400A		
1	CR-FLG	PL	100* 10	1721	78.50	13.5	14	SM400A		
1	WEB	PL	788* 9	611	70.65	18.7	19	SM400A	55	
1	WEB	PL	803* 9	168	70.65	9.53	10	SM400A		
1	CR-WEB	PL	800* 9	2990	70.65	169	169	SM400A		
1	CR-WEB	PL	400* 9	1714	70.65	48.4	48	SM400A		
2	CR-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	CR-VSTF	PL	240* 19	1808	149.2	64.7	65	SM400A		
1	CR-VSTF	PL	240* 19	1510	149.2	54.1	54	SM400A		
JL7-JL8							445 kg			

APPROACH BRIDGE CROSSBEAM R49 JL8-RR1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1024	78.50	18.5	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		
JL8-RR1							53 kg			
R49							2296 kg			

APPROACH BRIDGE CROSSBEAM R50 LL1-JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1024	78.50	18.5	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		
LL1-JL1							53 kg			

APPROACH BRIDGE CROSSBEAM R50 JL1-JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	627	78.50	11.3	11	SM400A		

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1	FLG	PL	230* 10	166	78.50	3.00	3	SM400A			
1	CR-FLG	PL	230* 10	2546	78.50	46.0	46	SM400A			
1	CR-FLG	PL	100* 10	1721	78.50	13.5	14	SM400A			
1	WEB	PL	787* 9	606	70.65	18.5	18	SM400A	55		
1	CR-WEB	PL	800* 9	2990	70.65	169	169	SM400A			
1	CR-WEB	PL	400* 9	1714	70.65	48.4	48	SM400A			
1	WEB	PL	803* 9	166	70.65	9.42	9	SM400A			
2	CR-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A			
1	CR-VSTF	PL	240* 19	1808	149.2	64.7	65	SM400A			
1	CR-VSTF	PL	240* 19	1510	149.2	54.1	54	SM400A			
							JL1-JL2				443 kg

APPROACH BRIDGE CROSSBEAM R50 JL2-JL3											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	FLG	PL	230* 10	1285	78.50	23.2	23	SM400A			
1	WEB	PL	800* 9	1301	70.65	62.5	62	SM400A	85		
1	VSTF	PL	90* 9	495	70.65	3.15	3	SM400A			
							JL2-JL3				88 kg

APPROACH BRIDGE CROSSBEAM R50 JL3-JL4											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A			
1	FLG	PL	230* 10	172	78.50	3.11	3	SM400A			
1	CR-FLG	PL	230* 10	2690	78.50	48.6	49	SM400A			
1	CR-FLG	PL	100* 10	2690	78.50	21.1	21	SM400A			
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A			
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A			
1	CR-WEB	PL	800* 9	2707	70.65	153	153	SM400A			
1	CR-WEB	PL	400* 9	2690	70.65	76.0	76	SM400A			
2	CR-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A			
1	CR-VSTF	PL	190* 15	1457	117.8	32.6	33	SM400A			
1	CR-VSTF	PL	190* 15	1507	117.8	33.7	34	SM400A			
							JL3-JL4				402 kg

APPROACH BRIDGE CROSSBEAM R50 JL4-JL4A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	2324	78.50	42.0	42	SM400A		
1	WEB	PL	843* 9	2323	70.65	138	138	SM400A		

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2	VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
JL4-JL4A							190 kg			

APPROACH BRIDGE CROSSBEAM R50 JL4A-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	2204	78.50	39.8	40	SM400A		
1	WEB	PL	800* 9	2220	70.65	107	107	SM400A	85	
2	VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
JL4A-JL5							157 kg			

APPROACH BRIDGE CROSSBEAM R50 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	171	78.50	3.09	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	CR-FLG	PL	230* 10	2691	78.50	48.6	49	SM400A		
1	CR-FLG	PL	100* 10	2690	78.50	21.1	21	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	CR-WEB	PL	800* 9	2707	70.65	153	153	SM400A		
1	CR-WEB	PL	400* 9	2690	70.65	76.0	76	SM400A		
2	CR-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	CR-VSTF	PL	190* 15	1457	117.8	32.6	33	SM400A		
1	CR-VSTF	PL	190* 15	1507	117.8	33.7	34	SM400A		
JL5-JL6							402 kg			

APPROACH BRIDGE CROSSBEAM R50 JL6-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1285	78.50	23.2	23	SM400A		
1	WEB	PL	800* 9	1301	70.65	62.5	62	SM400A	85	
1	VSTF	PL	90* 9	495	70.65	3.15	3	SM400A		
JL6-JL7							88 kg			

APPROACH BRIDGE CROSSBEAM R50 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	168	78.50	3.03	3	SM400A		
1	FLG	PL	230* 10	627	78.50	11.3	11	SM400A		

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1	CR-FLG	PL	230* 10	2546	78.50	46.0	46	SM400A		
1	CR-FLG	PL	100* 10	1721	78.50	13.5	14	SM400A		
1	WEB	PL	787* 9	606	70.65	18.5	18	SM400A	55	
1	WEB	PL	803* 9	166	70.65	9.42	9	SM400A		
1	CR-WEB	PL	800* 9	2990	70.65	169	169	SM400A		
1	CR-WEB	PL	400* 9	1714	70.65	48.4	48	SM400A		
2	CR-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	CR-VSTF	PL	240* 19	1808	149.2	64.7	65	SM400A		
1	CR-VSTF	PL	240* 19	1510	149.2	54.1	54	SM400A		
JL7-JL8								443 kg		

APPROACH BRIDGE CROSSBEAM R50 JL8-RR1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1024	78.50	18.5	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		
JL8-RR1								53 kg		
R50								2319 kg		

APPROACH BRIDGE CROSSBEAM R51 LL1-JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1024	78.50	18.5	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		
LL1-JL1								53 kg		

APPROACH BRIDGE CROSSBEAM R51 JL1-JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	627	78.50	11.3	11	SM400A		
1	FLG	PL	230* 10	166	78.50	3.00	3	SM400A		
1	CR-FLG	PL	230* 10	2546	78.50	46.0	46	SM400A		
1	CR-FLG	PL	100* 10	1721	78.50	13.5	14	SM400A		
1	WEB	PL	787* 9	606	70.65	18.5	18	SM400A	55	
1	CR-WEB	PL	800* 9	2990	70.65	169	169	SM400A		
1	CR-WEB	PL	400* 9	1714	70.65	48.4	48	SM400A		
1	WEB	PL	803* 9	166	70.65	9.42	9	SM400A		
2	CR-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		

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1	CR-VSTF	PL	240* 19	1808	149.2	64.7	65	SM400A		
1	CR-VSTF	PL	240* 19	1510	149.2	54.1	54	SM400A		
JL1-JL2							443 kg			

APPROACH BRIDGE CROSSBEAM R51 JL2-JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1285	78.50	23.2	23	SM400A		
1	WEB	PL	800* 9	1301	70.65	62.5	62	SM400A	85	
1	VSTF	PL	90* 9	495	70.65	3.15	3	SM400A		
JL2-JL3							88 kg			

APPROACH BRIDGE CROSSBEAM R51 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	172	78.50	3.11	3	SM400A		
1	CR-FLG	PL	230* 10	2690	78.50	48.6	49	SM400A		
1	CR-FLG	PL	100* 10	2690	78.50	21.1	21	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	CR-WEB	PL	800* 9	2707	70.65	153	153	SM400A		
1	CR-WEB	PL	400* 9	2690	70.65	76.0	76	SM400A		
2	CR-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	CR-VSTF	PL	190* 15	1457	117.8	32.6	33	SM400A		
1	CR-VSTF	PL	190* 15	1507	117.8	33.7	34	SM400A		
JL3-JL4							402 kg			

APPROACH BRIDGE CROSSBEAM R51 JL4-JL4A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	2471	78.50	44.6	45	SM400A		
1	WEB	PL	845* 9	2470	70.65	147	147	SM400A		
2	VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
JL4-JL4A							198 kg			

APPROACH BRIDGE CROSSBEAM R51 JL4A-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	2293	78.50	41.4	41	SM400A		

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1	WEB	PL	800* 9	2309	70.65	111	111	SM400A	85	
2	VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
JL4A-JL5							158 kg			

APPROACH BRIDGE CROSSBEAM R51 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	171	78.50	3.09	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	CR-FLG	PL	230* 10	2691	78.50	48.6	49	SM400A		
1	CR-FLG	PL	100* 10	2690	78.50	21.1	21	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	CR-WEB	PL	800* 9	2707	70.65	153	153	SM400A		
1	CR-WEB	PL	400* 9	2690	70.65	76.0	76	SM400A		
2	CR-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	CR-VSTF	PL	190* 15	1457	117.8	32.6	33	SM400A		
1	CR-VSTF	PL	190* 15	1507	117.8	33.7	34	SM400A		
JL5-JL6							402 kg			

APPROACH BRIDGE CROSSBEAM R51 JL6-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1285	78.50	23.2	23	SM400A		
1	WEB	PL	800* 9	1301	70.65	62.5	62	SM400A	85	
1	VSTF	PL	90* 9	495	70.65	3.15	3	SM400A		
JL6-JL7							88 kg			

APPROACH BRIDGE CROSSBEAM R51 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	168	78.50	3.03	3	SM400A		
1	FLG	PL	230* 10	627	78.50	11.3	11	SM400A		
1	CR-FLG	PL	230* 10	2546	78.50	46.0	46	SM400A		
1	CR-FLG	PL	100* 10	1721	78.50	13.5	14	SM400A		
1	WEB	PL	787* 9	606	70.65	18.5	18	SM400A	55	
1	WEB	PL	803* 9	166	70.65	9.42	9	SM400A		
1	CR-WEB	PL	800* 9	2990	70.65	169	169	SM400A		
1	CR-WEB	PL	400* 9	1714	70.65	48.4	48	SM400A		
2	CR-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	CR-VSTF	PL	240* 19	1808	149.2	64.7	65	SM400A		

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1	CR-VSTF	PL	240* 19	1510	149.2	54.1	54	SM400A			
							JL7-JL8				
							443 kg				

APPROACH BRIDGE CROSSBEAM R51 JL8-RR1											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	FLG	PL	230* 10	1024	78.50	18.5	18	SM400A			
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65		
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A			
							JL8-RR1				
							53 kg				
							R51				
							2328 kg				

APPROACH BRIDGE CROSSBEAM R52 LL1-JL1											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	FLG	PL	230* 10	1024	78.50	18.5	18	SM400A			
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65		
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A			
							LL1-JL1				
							53 kg				

APPROACH BRIDGE CROSSBEAM R52 JL1-JL2											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
1	FLG	PL	230* 10	630	78.50	11.4	11	SM400A			
1	FLG	PL	230* 10	168	78.50	3.03	3	SM400A			
1	CR-FLG	PL	230* 10	2546	78.50	46.0	46	SM400A			
1	CR-FLG	PL	100* 10	1721	78.50	13.5	14	SM400A			
1	WEB	PL	788* 9	609	70.65	18.6	19	SM400A	55		
1	CR-WEB	PL	800* 9	2990	70.65	169	169	SM400A			
1	CR-WEB	PL	400* 9	1714	70.65	48.4	48	SM400A			
1	WEB	PL	803* 9	168	70.65	9.53	10	SM400A			
2	CR-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A			
1	CR-VSTF	PL	240* 19	1808	149.2	64.7	65	SM400A			
1	CR-VSTF	PL	240* 19	1510	149.2	54.1	54	SM400A			
							JL1-JL2				
							445 kg				

APPROACH BRIDGE CROSSBEAM R52 JL2-JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks

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1	FLG	PL	230* 10	1285	78.50	23.2	23	SM400A		
1	WEB	PL	800* 9	1301	70.65	62.5	62	SM400A	85	
1	VSTF	PL	90* 9	495	70.65	3.15	3	SM400A		
JL2-JL3							88 kg			

APPROACH BRIDGE CROSSBEAM R52 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	172	78.50	3.11	3	SM400A		
1	CR-FLG	PL	230* 10	2690	78.50	48.6	49	SM400A		
1	CR-FLG	PL	100* 10	2690	78.50	21.1	21	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	CR-WEB	PL	800* 9	2707	70.65	153	153	SM400A		
1	CR-WEB	PL	400* 9	2690	70.65	76.0	76	SM400A		
2	CR-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	CR-VSTF	PL	190* 15	1457	117.8	32.6	33	SM400A		
1	CR-VSTF	PL	190* 15	1507	117.8	33.7	34	SM400A		
JL3-JL4							402 kg			

APPROACH BRIDGE CROSSBEAM R52 JL4-JL4A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	2627	78.50	47.4	47	SM400A		
1	WEB	PL	849* 9	2626	70.65	157	157	SM400A		
2	VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
JL4-JL4A							210 kg			

APPROACH BRIDGE CROSSBEAM R52 JL4A-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	2369	78.50	42.8	43	SM400A		
1	WEB	PL	800* 9	2385	70.65	115	115	SM400A	85	
2	VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
JL4A-JL5							164 kg			

APPROACH BRIDGE CROSSBEAM R52 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks

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1	FLG	PL	230* 10	170	78.50	3.07	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	CR-FLG	PL	230* 10	2691	78.50	48.6	49	SM400A		
1	CR-FLG	PL	100* 10	2690	78.50	21.1	21	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	CR-WEB	PL	800* 9	2707	70.65	153	153	SM400A		
1	CR-WEB	PL	400* 9	2690	70.65	76.0	76	SM400A		
2	CR-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	CR-VSTF	PL	190* 15	1457	117.8	32.6	33	SM400A		
1	CR-VSTF	PL	190* 15	1507	117.8	33.7	34	SM400A		
JL5-JL6								402 kg		

APPROACH BRIDGE CROSSBEAM R52 JL6-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1285	78.50	23.2	23	SM400A		
1	WEB	PL	800* 9	1301	70.65	62.5	62	SM400A	85	
1	VSTF	PL	90* 9	495	70.65	3.15	3	SM400A		
JL6-JL7								88 kg		

APPROACH BRIDGE CROSSBEAM R52 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	168	78.50	3.03	3	SM400A		
1	FLG	PL	230* 10	630	78.50	11.4	11	SM400A		
1	CR-FLG	PL	230* 10	2546	78.50	46.0	46	SM400A		
1	CR-FLG	PL	100* 10	1721	78.50	13.5	14	SM400A		
1	WEB	PL	788* 9	609	70.65	18.6	19	SM400A	55	
1	WEB	PL	803* 9	168	70.65	9.53	10	SM400A		
1	CR-WEB	PL	800* 9	2990	70.65	169	169	SM400A		
1	CR-WEB	PL	400* 9	1714	70.65	48.4	48	SM400A		
2	CR-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	CR-VSTF	PL	240* 19	1808	149.2	64.7	65	SM400A		
1	CR-VSTF	PL	240* 19	1510	149.2	54.1	54	SM400A		
JL7-JL8								445 kg		

APPROACH BRIDGE CROSSBEAM R52 JL8-RR1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1024	78.50	18.5	18	SM400A		

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1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		
JL8-RR1							53 kg			
R52							2350 kg			

APPROACH BRIDGE CROSSBEAM R53 LL1-JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1024	78.50	18.5	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		
LL1-JL1							53 kg			

APPROACH BRIDGE CROSSBEAM R53 JL1-JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	630	78.50	11.4	11	SM400A		
1	FLG	PL	230* 10	168	78.50	3.03	3	SM400A		
1	CR-FLG	PL	230* 10	2546	78.50	46.0	46	SM400A		
1	CR-FLG	PL	100* 10	1721	78.50	13.5	14	SM400A		
1	WEB	PL	788* 9	609	70.65	18.6	19	SM400A	55	
1	CR-WEB	PL	800* 9	2990	70.65	169	169	SM400A		
1	CR-WEB	PL	400* 9	1714	70.65	48.4	48	SM400A		
1	WEB	PL	803* 9	168	70.65	9.53	10	SM400A		
2	CR-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	CR-VSTF	PL	240* 19	1808	149.2	64.7	65	SM400A		
1	CR-VSTF	PL	240* 19	1510	149.2	54.1	54	SM400A		
JL1-JL2							445 kg			

APPROACH BRIDGE CROSSBEAM R53 JL2-JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1285	78.50	23.2	23	SM400A		
1	WEB	PL	800* 9	1301	70.65	62.5	62	SM400A	85	
1	VSTF	PL	90* 9	495	70.65	3.15	3	SM400A		
JL2-JL3							88 kg			

APPROACH BRIDGE CROSSBEAM R53 JL3-JL4										

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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	172	78.50	3.11	3	SM400A		
1	CR-FLG	PL	230* 10	2690	78.50	48.6	49	SM400A		
1	CR-FLG	PL	100* 10	2690	78.50	21.1	21	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	CR-WEB	PL	800* 9	2707	70.65	153	153	SM400A		
1	CR-WEB	PL	400* 9	2690	70.65	76.0	76	SM400A		
2	CR-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	CR-VSTF	PL	190* 15	1457	117.8	32.6	33	SM400A		
1	CR-VSTF	PL	190* 15	1507	117.8	33.7	34	SM400A		
JL3-JL4							402 kg			

APPROACH BRIDGE CROSSBEAM R53 JL4-JL4A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	2740	78.50	49.5	50	SM400A		
1	WEB	PL	851* 9	2739	70.65	165	165	SM400A		
2	VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
JL4-JL4A							221 kg			

APPROACH BRIDGE CROSSBEAM R53 JL4A-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	2381	78.50	43.0	43	SM400A		
1	WEB	PL	800* 9	2397	70.65	115	115	SM400A	85	
2	VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
JL4A-JL5							164 kg			

APPROACH BRIDGE CROSSBEAM R53 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	CR-FLG	PL	230* 10	2691	78.50	48.6	49	SM400A		
1	CR-FLG	PL	100* 10	2690	78.50	21.1	21	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	CR-WEB	PL	800* 9	2707	70.65	153	153	SM400A		
1	CR-WEB	PL	400* 9	2690	70.65	76.0	76	SM400A		

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2	CR-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	CR-VSTF	PL	190* 15	1457	117.8	32.6	33	SM400A		
1	CR-VSTF	PL	190* 15	1507	117.8	33.7	34	SM400A		
JL5-JL6							402 kg			

APPROACH BRIDGE CROSSBEAM R53 JL6-JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1285	78.50	23.2	23	SM400A		
1	WEB	PL	800* 9	1301	70.65	62.5	62	SM400A	85	
1	VSTF	PL	90* 9	495	70.65	3.15	3	SM400A		
JL6-JL7							88 kg			

APPROACH BRIDGE CROSSBEAM R53 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	168	78.50	3.03	3	SM400A		
1	FLG	PL	230* 10	630	78.50	11.4	11	SM400A		
1	CR-FLG	PL	230* 10	2546	78.50	46.0	46	SM400A		
1	CR-FLG	PL	100* 10	1721	78.50	13.5	14	SM400A		
1	WEB	PL	788* 9	609	70.65	18.6	19	SM400A	55	
1	WEB	PL	803* 9	168	70.65	9.53	10	SM400A		
1	CR-WEB	PL	800* 9	2990	70.65	169	169	SM400A		
1	CR-WEB	PL	400* 9	1714	70.65	48.4	48	SM400A		
2	CR-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	CR-VSTF	PL	240* 19	1808	149.2	64.7	65	SM400A		
1	CR-VSTF	PL	240* 19	1510	149.2	54.1	54	SM400A		
JL7-JL8							445 kg			

APPROACH BRIDGE CROSSBEAM R53 JL8-RR1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1024	78.50	18.5	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		
JL8-RR1							53 kg			
R53							2361 kg			

APPROACH BRIDGE CROSSBEAM R54 LL1-JL1										
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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1024	78.50	18.5	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		
LL1-JL1							53 kg			

APPROACH BRIDGE CROSSBEAM R54 JL1-JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	630	78.50	11.4	11	SM400A		
1	FLG	PL	230* 10	168	78.50	3.03	3	SM400A		
1	CR-FLG	PL	230* 10	2546	78.50	46.0	46	SM400A		
1	CR-FLG	PL	100* 10	1721	78.50	13.5	14	SM400A		
1	WEB	PL	788* 9	609	70.65	18.6	19	SM400A	55	
1	CR-WEB	PL	800* 9	2990	70.65	169	169	SM400A		
1	CR-WEB	PL	400* 9	1714	70.65	48.4	48	SM400A		
1	WEB	PL	803* 9	168	70.65	9.53	10	SM400A		
2	CR-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	CR-VSTF	PL	240* 19	1808	149.2	64.7	65	SM400A		
1	CR-VSTF	PL	240* 19	1510	149.2	54.1	54	SM400A		
JL1-JL2							445 kg			

APPROACH BRIDGE CROSSBEAM R54 JL2-JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1285	78.50	23.2	23	SM400A		
1	WEB	PL	800* 9	1301	70.65	62.5	62	SM400A	85	
1	VSTF	PL	90* 9	495	70.65	3.15	3	SM400A		
JL2-JL3							88 kg			

APPROACH BRIDGE CROSSBEAM R54 JL3-JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	172	78.50	3.11	3	SM400A		
1	CR-FLG	PL	230* 10	2690	78.50	48.6	49	SM400A		
1	CR-FLG	PL	100* 10	2690	78.50	21.1	21	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	CR-WEB	PL	800* 9	2707	70.65	153	153	SM400A		

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1	CR-WEB	PL	400* 9	2690	70.65	76.0	76	SM400A		
2	CR-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	CR-VSTF	PL	190* 15	1457	117.8	32.6	33	SM400A		
1	CR-VSTF	PL	190* 15	1507	117.8	33.7	34	SM400A		
JL3-JL4							402 kg			

APPROACH BRIDGE CROSSBEAM R54 JL4-JL4A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	2766	78.50	49.9	50	SM400A		
1	WEB	PL	851* 9	2765	70.65	166	166	SM400A		
2	VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
JL4-JL4A							222 kg			

APPROACH BRIDGE CROSSBEAM R54 JL4A-JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	2365	78.50	42.7	43	SM400A		
1	WEB	PL	800* 9	2381	70.65	114	114	SM400A	85	
2	VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
JL4A-JL5							163 kg			

APPROACH BRIDGE CROSSBEAM R54 JL5-JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	FLG	PL	230* 10	169	78.50	3.05	3	SM400A		
1	CR-FLG	PL	230* 10	2691	78.50	48.6	49	SM400A		
1	CR-FLG	PL	100* 10	2690	78.50	21.1	21	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	WEB	PL	803* 9	169	70.65	9.59	10	SM400A		
1	CR-WEB	PL	800* 9	2707	70.65	153	153	SM400A		
1	CR-WEB	PL	400* 9	2690	70.65	76.0	76	SM400A		
2	CR-VSTF	PL	90* 9	765	70.65	4.86	10	SM400A		
1	CR-VSTF	PL	190* 15	1457	117.8	32.6	33	SM400A		
1	CR-VSTF	PL	190* 15	1507	117.8	33.7	34	SM400A		
JL5-JL6							402 kg			

APPROACH BRIDGE CROSSBEAM R54 JL6-JL7										

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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1285	78.50	23.2	23	SM400A		
1	WEB	PL	800* 9	1301	70.65	62.5	62	SM400A	85	
1	VSTF	PL	90* 9	495	70.65	3.15	3	SM400A		
JL6-JL7							88 kg			

APPROACH BRIDGE CROSSBEAM R54 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	168	78.50	3.03	3	SM400A		
1	FLG	PL	230* 10	630	78.50	11.4	11	SM400A		
1	CR-FLG	PL	230* 10	2546	78.50	46.0	46	SM400A		
1	CR-FLG	PL	100* 10	1721	78.50	13.5	14	SM400A		
1	WEB	PL	788* 9	609	70.65	18.6	19	SM400A	55	
1	WEB	PL	803* 9	168	70.65	9.53	10	SM400A		
1	CR-WEB	PL	800* 9	2990	70.65	169	169	SM400A		
1	CR-WEB	PL	400* 9	1714	70.65	48.4	48	SM400A		
2	CR-VSTF	PL	90* 9	503	70.65	3.20	6	SM400A		
1	CR-VSTF	PL	240* 19	1808	149.2	64.7	65	SM400A		
1	CR-VSTF	PL	240* 19	1510	149.2	54.1	54	SM400A		
JL7-JL8							445 kg			

APPROACH BRIDGE CROSSBEAM R54 JL8-RR1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
1	FLG	PL	230* 10	1024	78.50	18.5	18	SM400A		
1	WEB	PL	636* 9	1113	70.65	32.5	32	SM400A	65	
1	VSTF	PL	90* 9	509	70.65	3.24	3	SM400A		
JL8-RR1							53 kg			
R54							2361 kg			
CROSSBEAM							127900 kg			
APPROACH BRIDGE							127900 kg			

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APPROACH BRIDGE CROSSBEAM SPLICE R1 JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
							JL1 46 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R1 JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
							JL2 54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R1 JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
							JL3 54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R1 JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
							JL4 54 kg			

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APPROACH BRIDGE CROSSBEAM SPLICE R1 JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
							JL5			
							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R1 JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	100* 9	297	70.65	2.10	4	SS400		
1	F-SPL	PL	250* 9	297	70.65	5.25	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
							JL6			
							55 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R1 JL6A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	100* 9	297	70.65	2.10	4	SS400		
1	F-SPL	PL	250* 9	297	70.65	5.25	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
24	W-SPL	TCB	M 22* 65			0.508	12	S10T		
							JL6A			
							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R1 JL6B										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	100* 9	297	70.65	2.10	4	SS400		
1	F-SPL	PL	250* 9	297	70.65	5.25	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
24	W-SPL	TCB	M 22* 65			0.508	12	S10T		
							JL6B			
							54 kg			

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APPROACH BRIDGE CROSSBEAM SPLICE R1 JL6C										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	100* 9	297	70.65	2.10	4	SS400		
1	F-SPL	PL	250* 9	297	70.65	5.25	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
24	W-SPL	TCB	M 22* 65			0.508	12	S10T		
JL6C							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R1 JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	100* 9	297	70.65	2.10	4	SS400		
1	F-SPL	PL	250* 9	297	70.65	5.25	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL7							55 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R1 JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
JL8							46 kg			
R1							580 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R2 JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		

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JL1	46 kg
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APPROACH BRIDGE CROSSBEAM SPLICE R2 JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL2							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R2 JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL3							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R2 JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL4							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R2 JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		

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JL5	54 kg
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APPROACH BRIDGE CROSSBEAM SPLICE R2 JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL6							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R2 JL6A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
24	W-SPL	TCB	M 22* 65			0.508	12	S10T		
JL6A							53 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R2 JL6B										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
24	W-SPL	TCB	M 22* 65			0.508	12	S10T		
JL6B							53 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R2 JL6C										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
24	W-SPL	TCB	M 22* 65			0.508	12	S10T		

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JL6C	53 kg
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APPROACH BRIDGE CROSSBEAM SPLICE R2 JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL7							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R2 JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
JL8							46 kg			
R2							575 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R3 JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
JL1							46 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R3 JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		

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26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL2							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R3 JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL3							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R3 JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL4							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R3 JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL5							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R3 JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		

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26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL6						54 kg				

APPROACH BRIDGE CROSSBEAM SPLICE R3 JL6A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
24	W-SPL	TCB	M 22* 65			0.508	12	S10T		
JL6A						53 kg				

APPROACH BRIDGE CROSSBEAM SPLICE R3 JL6B										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
24	W-SPL	TCB	M 22* 65			0.508	12	S10T		
JL6B						53 kg				

APPROACH BRIDGE CROSSBEAM SPLICE R3 JL6C										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
24	W-SPL	TCB	M 22* 65			0.508	12	S10T		
JL6C						53 kg				

APPROACH BRIDGE CROSSBEAM SPLICE R3 JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		

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26	W-SPL	TCB	M 22* 65			0.508	13	S10T			
							JL7	54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R3 JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
							JL8	46 kg		
							R3	575 kg		

APPROACH BRIDGE CROSSBEAM SPLICE R4 JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
							JL1	46 kg		

APPROACH BRIDGE CROSSBEAM SPLICE R4 JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
							JL2	54 kg		

APPROACH BRIDGE CROSSBEAM SPLICE R4 JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		

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8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL3							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R4 JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL4							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R4 JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL5							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R4 JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL6							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R4 JL6A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		

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8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
24	W-SPL	TCB	M 22* 65			0.508	12	S10T		
JL6A							53 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R4 JL6B										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
24	W-SPL	TCB	M 22* 65			0.508	12	S10T		
JL6B							53 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R4 JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL7							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R4 JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
JL8							46 kg			
R4							522 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R5 JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks

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2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
JL1										46 kg

APPROACH BRIDGE CROSSBEAM SPLICE R5 JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL2										54 kg

APPROACH BRIDGE CROSSBEAM SPLICE R5 JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL3										54 kg

APPROACH BRIDGE CROSSBEAM SPLICE R5 JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL4										54 kg

APPROACH BRIDGE CROSSBEAM SPLICE R5 JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks

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2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
							JL5			
							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R5 JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
							JL6			
							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R5 JL6A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
24	W-SPL	TCB	M 22* 65			0.508	12	S10T		
							JL6A			
							53 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R5 JL6B										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
24	W-SPL	TCB	M 22* 65			0.508	12	S10T		
							JL6B			
							53 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R5 JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks

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2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL7							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R5 JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
JL8							46 kg			
R5							522 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R6 JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
JL1							46 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R6 JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL2							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R6 JL3										
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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL3							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R6 JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL4							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R6 JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL5							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R6 JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL6							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R6 JL6A										
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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
24	W-SPL	TCB	M 22* 65			0.508	12	S10T		
JL6A							53 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R6 JL6B										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
24	W-SPL	TCB	M 22* 65			0.508	12	S10T		
JL6B							53 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R6 JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL7							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R6 JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
JL8							46 kg			
R6							522 kg			

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APPROACH BRIDGE CROSSBEAM SPLICE R7 JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
							JL1			
							46 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R7 JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
							JL2			
							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R7 JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
							JL3			
							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R7 JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
							JL4			
							54 kg			

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APPROACH BRIDGE CROSSBEAM SPLICE R7 JL5											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400			
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400			
8	F-SPL	TCB	M 22* 65			0.508	4	S10T			
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400			
26	W-SPL	TCB	M 22* 65			0.508	13	S10T			
							JL5				54 kg

APPROACH BRIDGE CROSSBEAM SPLICE R7 JL6											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400			
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400			
8	F-SPL	TCB	M 22* 65			0.508	4	S10T			
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400			
26	W-SPL	TCB	M 22* 65			0.508	13	S10T			
							JL6				54 kg

APPROACH BRIDGE CROSSBEAM SPLICE R7 JL6A											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400			
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400			
8	F-SPL	TCB	M 22* 65			0.508	4	S10T			
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400			
24	W-SPL	TCB	M 22* 65			0.508	12	S10T			
							JL6A				53 kg

APPROACH BRIDGE CROSSBEAM SPLICE R7 JL6B											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400			
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400			
8	F-SPL	TCB	M 22* 65			0.508	4	S10T			
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400			
24	W-SPL	TCB	M 22* 65			0.508	12	S10T			
							JL6B				53 kg

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APPROACH BRIDGE CROSSBEAM SPLICE R7 JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
							JL7			
							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R7 JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
							JL8			
							46 kg			
							R7			
							522 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R8 JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
							JL1			
							46 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R8 JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		

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JL2	54 kg
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APPROACH BRIDGE CROSSBEAM SPLICE R8 JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
							JL3	54 kg		

APPROACH BRIDGE CROSSBEAM SPLICE R8 JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
							JL4	54 kg		

APPROACH BRIDGE CROSSBEAM SPLICE R8 JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
							JL5	54 kg		

APPROACH BRIDGE CROSSBEAM SPLICE R8 JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		

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JL6	54 kg
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APPROACH BRIDGE CROSSBEAM SPLICE R8 JL6A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
24	W-SPL	TCB	M 22* 65			0.508	12	S10T		
JL6A							53 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R8 JL6B										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
24	W-SPL	TCB	M 22* 65			0.508	12	S10T		
JL6B							53 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R8 JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL7							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R8 JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		

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JL8		46 kg
R8		522 kg

APPROACH BRIDGE CROSSBEAM SPLICE R9 JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
JL1							46 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R9 JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL2							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R9 JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL3							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R9 JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		

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2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL4							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R9 JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL5							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R9 JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL6							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R9 JL6A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
24	W-SPL	TCB	M 22* 65			0.508	12	S10T		
JL6A							53 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R9 JL6B										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		

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2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
24	W-SPL	TCB	M 22* 65			0.508	12	S10T		
JL6B							53 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R9 JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL7							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R9 JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
JL8							46 kg			
R9							522 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R10 JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
JL1							46 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R10 JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		

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1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL2							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R10 JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL3							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R10 JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL4							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R10 JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL5							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R10 JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		

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1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL6							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R10 JL6A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
24	W-SPL	TCB	M 22* 65			0.508	12	S10T		
JL6A							53 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R10 JL6B										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
24	W-SPL	TCB	M 22* 65			0.508	12	S10T		
JL6B							53 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R10 JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL7							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R10 JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		

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1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
JL8							46 kg			
R10							522 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R11 JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
JL1							46 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R11 JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL2							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R11 JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL3							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R11 JL4										

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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL4							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R11 JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL5							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R11 JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL6							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R11 JL6A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
24	W-SPL	TCB	M 22* 65			0.508	12	S10T		
JL6A							53 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R11 JL6B										

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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
24	W-SPL	TCB	M 22* 65			0.508	12	S10T		
JL6B							53 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R11 JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL7							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R11 JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
JL8							46 kg			
R11							522 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R12 JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
JL1							46 kg			

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APPROACH BRIDGE CROSSBEAM SPLICE R12 JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
							JL2			
							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R12 JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
							JL3			
							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R12 JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
							JL4			
							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R12 JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
							JL5			
							54 kg			

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APPROACH BRIDGE CROSSBEAM SPLICE R12 JL6											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400			
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400			
8	F-SPL	TCB	M 22* 65			0.508	4	S10T			
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400			
26	W-SPL	TCB	M 22* 65			0.508	13	S10T			
							JL6				54 kg

APPROACH BRIDGE CROSSBEAM SPLICE R12 JL6A											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400			
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400			
8	F-SPL	TCB	M 22* 65			0.508	4	S10T			
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400			
24	W-SPL	TCB	M 22* 65			0.508	12	S10T			
							JL6A				53 kg

APPROACH BRIDGE CROSSBEAM SPLICE R12 JL6B											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400			
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400			
8	F-SPL	TCB	M 22* 65			0.508	4	S10T			
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400			
24	W-SPL	TCB	M 22* 65			0.508	12	S10T			
							JL6B				53 kg

APPROACH BRIDGE CROSSBEAM SPLICE R12 JL7											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400			
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400			
8	F-SPL	TCB	M 22* 65			0.508	4	S10T			
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400			
26	W-SPL	TCB	M 22* 65			0.508	13	S10T			
							JL7				54 kg

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APPROACH BRIDGE CROSSBEAM SPLICE R12 JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
JL8							46 kg			
R12							522 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R13 JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
JL1							46 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R13 JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL2							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R13 JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		

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JL3	54 kg
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APPROACH BRIDGE CROSSBEAM SPLICE R13 JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL4							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R13 JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL5							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R13 JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL6							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R13 JL6A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
24	W-SPL	TCB	M 22* 65			0.508	12	S10T		

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JL6A	53 kg
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APPROACH BRIDGE CROSSBEAM SPLICE R13 JL6B										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
24	W-SPL	TCB	M 22* 65			0.508	12	S10T		
JL6B							53 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R13 JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL7							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R13 JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
JL8							46 kg			
R13							522 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R14 JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		

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21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
JL1						46 kg				

APPROACH BRIDGE CROSSBEAM SPLICE R14 JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL2						54 kg				

APPROACH BRIDGE CROSSBEAM SPLICE R14 JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL3						54 kg				

APPROACH BRIDGE CROSSBEAM SPLICE R14 JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL4						54 kg				

APPROACH BRIDGE CROSSBEAM SPLICE R14 JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		

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26	W-SPL	TCB	M 22* 65			0.508	13	S10T			
						JL5	54 kg				

APPROACH BRIDGE CROSSBEAM SPLICE R14 JL6											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400			
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400			
8	F-SPL	TCB	M 22* 65			0.508	4	S10T			
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400			
26	W-SPL	TCB	M 22* 65			0.508	13	S10T			
						JL6	54 kg				

APPROACH BRIDGE CROSSBEAM SPLICE R14 JL6A											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400			
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400			
8	F-SPL	TCB	M 22* 65			0.508	4	S10T			
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400			
24	W-SPL	TCB	M 22* 65			0.508	12	S10T			
						JL6A	53 kg				

APPROACH BRIDGE CROSSBEAM SPLICE R14 JL6B											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400			
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400			
8	F-SPL	TCB	M 22* 65			0.508	4	S10T			
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400			
24	W-SPL	TCB	M 22* 65			0.508	12	S10T			
						JL6B	53 kg				

APPROACH BRIDGE CROSSBEAM SPLICE R14 JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		

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26	W-SPL	TCB	M 22* 65			0.508	13	S10T			
							JL7	54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R14 JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
							JL8	46 kg		
							R14	522 kg		

APPROACH BRIDGE CROSSBEAM SPLICE R15 JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
							JL1	46 kg		

APPROACH BRIDGE CROSSBEAM SPLICE R15 JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
							JL2	54 kg		

APPROACH BRIDGE CROSSBEAM SPLICE R15 JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		

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8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL3							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R15 JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL4							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R15 JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL5							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R15 JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL6							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R15 JL6A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		

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8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
24	W-SPL	TCB	M 22* 65			0.508	12	S10T		
JL6A							53 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R15 JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL7							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R15 JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
JL8							46 kg			
R15							469 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R16 JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
JL1							46 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R16 JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks

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2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
							JL2			
							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R16 JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
							JL3			
							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R16 JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
							JL4			
							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R16 JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
							JL5			
							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R16 JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks

材料計算書

2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL6							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R16 JL6A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
24	W-SPL	TCB	M 22* 65			0.508	12	S10T		
JL6A							53 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R16 JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL7							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R16 JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
JL8							46 kg			
R16							469 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R17 JL1										
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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
JL1							46 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R17 JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL2							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R17 JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL3							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R17 JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL4							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R17 JL5										
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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400			
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400			
8	F-SPL	TCB	M 22* 65			0.508	4	S10T			
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400			
26	W-SPL	TCB	M 22* 65			0.508	13	S10T			
							JL5				54 kg

APPROACH BRIDGE CROSSBEAM SPLICE R17 JL6											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400			
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400			
8	F-SPL	TCB	M 22* 65			0.508	4	S10T			
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400			
26	W-SPL	TCB	M 22* 65			0.508	13	S10T			
							JL6				54 kg

APPROACH BRIDGE CROSSBEAM SPLICE R17 JL6A											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400			
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400			
8	F-SPL	TCB	M 22* 65			0.508	4	S10T			
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400			
24	W-SPL	TCB	M 22* 65			0.508	12	S10T			
							JL6A				53 kg

APPROACH BRIDGE CROSSBEAM SPLICE R17 JL7											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400			
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400			
8	F-SPL	TCB	M 22* 65			0.508	4	S10T			
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400			
26	W-SPL	TCB	M 22* 65			0.508	13	S10T			
							JL7				54 kg

APPROACH BRIDGE CROSSBEAM SPLICE R17 JL8										
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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
JL8							46 kg			
R17							469 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R18 JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
JL1							46 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R18 JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL2							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R18 JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL3							54 kg			

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APPROACH BRIDGE CROSSBEAM SPLICE R18 JL4											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400			
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400			
8	F-SPL	TCB	M 22* 65			0.508	4	S10T			
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400			
26	W-SPL	TCB	M 22* 65			0.508	13	S10T			
							JL4				54 kg

APPROACH BRIDGE CROSSBEAM SPLICE R18 JL5											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400			
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400			
8	F-SPL	TCB	M 22* 65			0.508	4	S10T			
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400			
26	W-SPL	TCB	M 22* 65			0.508	13	S10T			
							JL5				54 kg

APPROACH BRIDGE CROSSBEAM SPLICE R18 JL6											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400			
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400			
8	F-SPL	TCB	M 22* 65			0.508	4	S10T			
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400			
26	W-SPL	TCB	M 22* 65			0.508	13	S10T			
							JL6				54 kg

APPROACH BRIDGE CROSSBEAM SPLICE R18 JL6A											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400			
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400			
8	F-SPL	TCB	M 22* 65			0.508	4	S10T			
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400			
24	W-SPL	TCB	M 22* 65			0.508	12	S10T			
							JL6A				53 kg

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APPROACH BRIDGE CROSSBEAM SPLICE R18 JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL7							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R18 JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
JL8							46 kg			
R18							469 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R19 JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
JL1							46 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R19 JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		

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JL2	54 kg
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APPROACH BRIDGE CROSSBEAM SPLICE R19 JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
							JL3	54 kg		

APPROACH BRIDGE CROSSBEAM SPLICE R19 JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
							JL4	54 kg		

APPROACH BRIDGE CROSSBEAM SPLICE R19 JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
							JL5	54 kg		

APPROACH BRIDGE CROSSBEAM SPLICE R19 JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		

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JL6	54 kg
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APPROACH BRIDGE CROSSBEAM SPLICE R19 JL6A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
24	W-SPL	TCB	M 22* 65			0.508	12	S10T		
JL6A							53 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R19 JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL7							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R19 JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
JL8							46 kg			
R19							469 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R20 JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		

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2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
JL1							46 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R20 JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL2							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R20 JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL3							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R20 JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL4							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R20 JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		

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2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL5							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R20 JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL6							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R20 JL6A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
24	W-SPL	TCB	M 22* 65			0.508	12	S10T		
JL6A							53 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R20 JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL7							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R20 JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		

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2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
JL8							46 kg			
R20							469 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R21 JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
JL1							46 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R21 JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL2							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R21 JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL3							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R21 JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		

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1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL4							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R21 JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL5							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R21 JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL6							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R21 JL6A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
24	W-SPL	TCB	M 22* 65			0.508	12	S10T		
JL6A							53 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R21 JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		

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1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL7							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R21 JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
JL8							46 kg			
R21							469 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R22 JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
JL1							46 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R22 JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL2							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R22 JL3										

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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL3							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R22 JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL4							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R22 JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL5							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R22 JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL6							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R22 JL6A										

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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
24	W-SPL	TCB	M 22* 65			0.508	12	S10T		
JL6A							53 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R22 JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL7							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R22 JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
JL8							46 kg			
R22							469 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R23 JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
JL1							46 kg			

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APPROACH BRIDGE CROSSBEAM SPLICE R23 JL2											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400			
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400			
8	F-SPL	TCB	M 22* 65			0.508	4	S10T			
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400			
26	W-SPL	TCB	M 22* 65			0.508	13	S10T			
							JL2				54 kg

APPROACH BRIDGE CROSSBEAM SPLICE R23 JL3											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400			
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400			
8	F-SPL	TCB	M 22* 65			0.508	4	S10T			
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400			
26	W-SPL	TCB	M 22* 65			0.508	13	S10T			
							JL3				54 kg

APPROACH BRIDGE CROSSBEAM SPLICE R23 JL4											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400			
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400			
8	F-SPL	TCB	M 22* 65			0.508	4	S10T			
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400			
26	W-SPL	TCB	M 22* 65			0.508	13	S10T			
							JL4				54 kg

APPROACH BRIDGE CROSSBEAM SPLICE R23 JL5											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400			
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400			
8	F-SPL	TCB	M 22* 65			0.508	4	S10T			
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400			
26	W-SPL	TCB	M 22* 65			0.508	13	S10T			
							JL5				54 kg

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APPROACH BRIDGE CROSSBEAM SPLICE R23 JL6											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400			
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400			
8	F-SPL	TCB	M 22* 65			0.508	4	S10T			
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400			
26	W-SPL	TCB	M 22* 65			0.508	13	S10T			
							JL6				54 kg

APPROACH BRIDGE CROSSBEAM SPLICE R23 JL6A											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400			
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400			
8	F-SPL	TCB	M 22* 65			0.508	4	S10T			
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400			
24	W-SPL	TCB	M 22* 65			0.508	12	S10T			
							JL6A				53 kg

APPROACH BRIDGE CROSSBEAM SPLICE R23 JL7											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400			
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400			
8	F-SPL	TCB	M 22* 65			0.508	4	S10T			
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400			
26	W-SPL	TCB	M 22* 65			0.508	13	S10T			
							JL7				54 kg

APPROACH BRIDGE CROSSBEAM SPLICE R23 JL8											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400			
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400			
8	F-SPL	TCB	M 22* 65			0.508	4	S10T			
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400			
21	W-SPL	TCB	M 22* 65			0.508	11	S10T			
							JL8				46 kg

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R23	469 kg
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APPROACH BRIDGE CROSSBEAM SPLICE R24 JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
JL1							46 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R24 JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL2							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R24 JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL3							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R24 JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		

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JL4	54 kg
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APPROACH BRIDGE CROSSBEAM SPLICE R24 JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL5							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R24 JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL6							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R24 JL6A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
24	W-SPL	TCB	M 22* 65			0.508	12	S10T		
JL6A							53 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R24 JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		

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JL7	54 kg
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APPROACH BRIDGE CROSSBEAM SPLICE R24 JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
JL8							46 kg			
R24							469 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R25 JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
JL1							46 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R25 JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL2							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R25 JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		

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26	W-SPL	TCB	M 22* 65			0.508	13	S10T			
							JL3	54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R25 JL4											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400			
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400			
8	F-SPL	TCB	M 22* 65			0.508	4	S10T			
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400			
26	W-SPL	TCB	M 22* 65			0.508	13	S10T			
							JL4	54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R25 JL5											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400			
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400			
8	F-SPL	TCB	M 22* 65			0.508	4	S10T			
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400			
26	W-SPL	TCB	M 22* 65			0.508	13	S10T			
							JL5	54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R25 JL6											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400			
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400			
8	F-SPL	TCB	M 22* 65			0.508	4	S10T			
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400			
26	W-SPL	TCB	M 22* 65			0.508	13	S10T			
							JL6	54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R25 JL6A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		

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24	W-SPL	TCB	M 22* 65			0.508	12	S10T			
							JL6A	53 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R25 JL7											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400			
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400			
8	F-SPL	TCB	M 22* 65			0.508	4	S10T			
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400			
26	W-SPL	TCB	M 22* 65			0.508	13	S10T			
							JL7	54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R25 JL8											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400			
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400			
8	F-SPL	TCB	M 22* 65			0.508	4	S10T			
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400			
21	W-SPL	TCB	M 22* 65			0.508	11	S10T			
							JL8	46 kg			
							R25	469 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R26 JL1											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400			
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400			
8	F-SPL	TCB	M 22* 65			0.508	4	S10T			
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400			
21	W-SPL	TCB	M 22* 65			0.508	11	S10T			
							JL1	46 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R26 JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		

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8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL2							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R26 JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL3							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R26 JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL4							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R26 JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL5							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R26 JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		

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8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL6							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R26 JL6A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
24	W-SPL	TCB	M 22* 65			0.508	12	S10T		
JL6A							53 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R26 JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL7							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R26 JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
JL8							46 kg			
R26							469 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R27 JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks

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2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
JL1							46 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R27 JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL2							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R27 JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL3							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R27 JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL4							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R27 JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks

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2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
							JL5			
							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R27 JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
							JL6			
							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R27 JL6A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
24	W-SPL	TCB	M 22* 65			0.508	12	S10T		
							JL6A			
							53 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R27 JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
							JL7			
							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R27 JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks

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2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
JL8							46 kg			
R27							469 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R28 JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
JL1							46 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R28 JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL2							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R28 JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL3							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R28 JL4										
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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL4							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R28 JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL5							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R28 JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL6							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R28 JL6A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
24	W-SPL	TCB	M 22* 65			0.508	12	S10T		
JL6A							53 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R28 JL7										
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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
							JL7			
							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R28 JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
							JL8			
							46 kg			
							R28			
							469 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R29 JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
							JL1			
							46 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R29 JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
							JL2			
							54 kg			

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APPROACH BRIDGE CROSSBEAM SPLICE R29 JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
							JL3			
							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R29 JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
							JL4			
							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R29 JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
							JL5			
							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R29 JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
							JL6			
							54 kg			

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APPROACH BRIDGE CROSSBEAM SPLICE R29 JL6A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
24	W-SPL	TCB	M 22* 65			0.508	12	S10T		
							JL6A			
							53 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R29 JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
							JL7			
							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R29 JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
							JL8			
							46 kg			
							R29			
							469 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R30 JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		

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JL1	46 kg
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APPROACH BRIDGE CROSSBEAM SPLICE R30 JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
							JL2	54 kg		

APPROACH BRIDGE CROSSBEAM SPLICE R30 JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
							JL3	54 kg		

APPROACH BRIDGE CROSSBEAM SPLICE R30 JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
							JL4	54 kg		

APPROACH BRIDGE CROSSBEAM SPLICE R30 JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		

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JL5	54 kg
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APPROACH BRIDGE CROSSBEAM SPLICE R30 JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL6							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R30 JL6A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
24	W-SPL	TCB	M 22* 65			0.508	12	S10T		
JL6A							53 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R30 JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL7							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R30 JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		

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JL8		46 kg
R30		469 kg

APPROACH BRIDGE CROSSBEAM SPLICE R31 JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
JL1		46 kg								

APPROACH BRIDGE CROSSBEAM SPLICE R31 JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL2		54 kg								

APPROACH BRIDGE CROSSBEAM SPLICE R31 JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL3		54 kg								

APPROACH BRIDGE CROSSBEAM SPLICE R31 JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		

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2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL4							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R31 JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL5							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R31 JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL6							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R31 JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL7							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R31 JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		

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2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
JL8							46 kg			
R31							416 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R32 JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
JL1							46 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R32 JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL2							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R32 JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL3							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R32 JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		

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1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL4							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R32 JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL5							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R32 JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL6							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R32 JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL7							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R32 JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		

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1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
JL8							46 kg			
R32							416 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R33 JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
JL1							46 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R33 JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL2							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R33 JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL3							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R33 JL4										

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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL4							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R33 JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL5							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R33 JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL6							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R33 JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL7							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R33 JL8										

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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
JL8							46 kg			
R33							416 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R34 JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
JL1							46 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R34 JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL2							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R34 JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL3							54 kg			

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APPROACH BRIDGE CROSSBEAM SPLICE R34 JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
							JL4			
							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R34 JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
							JL5			
							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R34 JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
							JL6			
							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R34 JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
							JL7			
							54 kg			

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APPROACH BRIDGE CROSSBEAM SPLICE R34 JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
JL8							46 kg			
R34							416 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R35 JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
JL1							46 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R35 JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL2							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R35 JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		

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JL3	54 kg
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APPROACH BRIDGE CROSSBEAM SPLICE R35 JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL4							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R35 JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL5							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R35 JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL6							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R35 JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		

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JL7	54 kg
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APPROACH BRIDGE CROSSBEAM SPLICE R35 JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
JL8							46 kg			
R35							416 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R36 JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
JL1							46 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R36 JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL2							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R36 JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		

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26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL3						54 kg				

APPROACH BRIDGE CROSSBEAM SPLICE R36 JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL4						54 kg				

APPROACH BRIDGE CROSSBEAM SPLICE R36 JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL5						54 kg				

APPROACH BRIDGE CROSSBEAM SPLICE R36 JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL6						54 kg				

APPROACH BRIDGE CROSSBEAM SPLICE R36 JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		

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26	W-SPL	TCB	M 22* 65			0.508	13	S10T			
							JL7	54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R36 JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
							JL8	46 kg		
							R36	416 kg		

APPROACH BRIDGE CROSSBEAM SPLICE R37 JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
							JL1	46 kg		

APPROACH BRIDGE CROSSBEAM SPLICE R37 JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
							JL2	54 kg		

APPROACH BRIDGE CROSSBEAM SPLICE R37 JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		

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8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL3							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R37 JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL4							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R37 JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL5							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R37 JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL6							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R37 JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		

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8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL7							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R37 JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
JL8							46 kg			
R37							416 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R38 JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
JL1							46 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R38 JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL2							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R38 JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks

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2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
							JL3			
							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R38 JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
							JL4			
							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R38 JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
							JL5			
							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R38 JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
							JL6			
							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R38 JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks

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2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL7							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R38 JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
JL8							46 kg			
R38							416 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R39 JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
JL1							46 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R39 JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL2							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R39 JL3										
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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL3							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R39 JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL4							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R39 JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL5							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R39 JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL6							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R39 JL7										
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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
							JL7			
							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R39 JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
							JL8			
							46 kg			
							R39			
							416 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R40 JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
							JL1			
							46 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R40 JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
							JL2			
							54 kg			

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APPROACH BRIDGE CROSSBEAM SPLICE R40 JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
							JL3			
							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R40 JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
							JL4			
							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R40 JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
							JL5			
							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R40 JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
							JL6			
							54 kg			

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APPROACH BRIDGE CROSSBEAM SPLICE R40 JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
							JL7			
							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R40 JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
							JL8			
							46 kg			
							R40			
							416 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R41 JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
							JL1			
							46 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R41 JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		

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JL2	54 kg
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APPROACH BRIDGE CROSSBEAM SPLICE R41 JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
							JL3	54 kg		

APPROACH BRIDGE CROSSBEAM SPLICE R41 JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
							JL4	54 kg		

APPROACH BRIDGE CROSSBEAM SPLICE R41 JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
							JL5	54 kg		

APPROACH BRIDGE CROSSBEAM SPLICE R41 JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		

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JL6	54 kg
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APPROACH BRIDGE CROSSBEAM SPLICE R41 JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL7							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R41 JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
JL8							46 kg			
R41							416 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R42 JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
JL1							46 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R42 JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		

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2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL2							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R42 JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL3							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R42 JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL4							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R42 JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL5							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R42 JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		

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2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
							JL6	54 kg		

APPROACH BRIDGE CROSSBEAM SPLICE R42 JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
							JL7	54 kg		

APPROACH BRIDGE CROSSBEAM SPLICE R42 JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
							JL8	46 kg		
							R42	416 kg		

APPROACH BRIDGE CROSSBEAM SPLICE R43 JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
							JL1	46 kg		

APPROACH BRIDGE CROSSBEAM SPLICE R43 JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		

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1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL2							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R43 JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL3							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R43 JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL4							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R43 JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL5							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R43 JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		

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1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL6							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R43 JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL7							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R43 JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
JL8							46 kg			
R43							416 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R44 JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
JL1							46 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R44 JL2										

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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL2							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R44 JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL3							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R44 JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL4							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R44 JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL5							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R44 JL6										

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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL6							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R44 JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL7							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R44 JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
JL8							46 kg			
R44							416 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R45 JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
JL1							46 kg			

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APPROACH BRIDGE CROSSBEAM SPLICE R45 JL2											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400			
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400			
8	F-SPL	TCB	M 22* 65			0.508	4	S10T			
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400			
26	W-SPL	TCB	M 22* 65			0.508	13	S10T			
							JL2				54 kg

APPROACH BRIDGE CROSSBEAM SPLICE R45 JL3											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400			
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400			
8	F-SPL	TCB	M 22* 65			0.508	4	S10T			
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400			
26	W-SPL	TCB	M 22* 65			0.508	13	S10T			
							JL3				54 kg

APPROACH BRIDGE CROSSBEAM SPLICE R45 JL4											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400			
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400			
8	F-SPL	TCB	M 22* 65			0.508	4	S10T			
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400			
26	W-SPL	TCB	M 22* 65			0.508	13	S10T			
							JL4				54 kg

APPROACH BRIDGE CROSSBEAM SPLICE R45 JL4A											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400			
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400			
8	F-SPL	TCB	M 22* 65			0.508	4	S10T			
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400			
22	W-SPL	TCB	M 22* 65			0.508	11	S10T			
							JL4A				52 kg

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APPROACH BRIDGE CROSSBEAM SPLICE R45 JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
							JL5			
							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R45 JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
							JL6			
							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R45 JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
							JL7			
							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R45 JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
							JL8			
							46 kg			

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R45	468 kg
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APPROACH BRIDGE CROSSBEAM SPLICE R46 JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
JL1							46 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R46 JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL2							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R46 JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL3							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R46 JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		

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JL4	54 kg
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APPROACH BRIDGE CROSSBEAM SPLICE R46 JL4A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
24	W-SPL	TCB	M 22* 65			0.508	12	S10T		
JL4A							53 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R46 JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL5							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R46 JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL6							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R46 JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		

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JL7	54 kg
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APPROACH BRIDGE CROSSBEAM SPLICE R46 JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
JL8							46 kg			
R46							469 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R47 JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
JL1							46 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R47 JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL2							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R47 JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		

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26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL3						54 kg				

APPROACH BRIDGE CROSSBEAM SPLICE R47 JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL4						54 kg				

APPROACH BRIDGE CROSSBEAM SPLICE R47 JL4A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
22	W-SPL	TCB	M 22* 65			0.508	11	S10T		
JL4A						52 kg				

APPROACH BRIDGE CROSSBEAM SPLICE R47 JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL5						54 kg				

APPROACH BRIDGE CROSSBEAM SPLICE R47 JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		

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26	W-SPL	TCB	M 22* 65			0.508	13	S10T			
							JL6	54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R47 JL7											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400			
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400			
8	F-SPL	TCB	M 22* 65			0.508	4	S10T			
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400			
26	W-SPL	TCB	M 22* 65			0.508	13	S10T			
							JL7	54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R47 JL8											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400			
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400			
8	F-SPL	TCB	M 22* 65			0.508	4	S10T			
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400			
21	W-SPL	TCB	M 22* 65			0.508	11	S10T			
							JL8	46 kg			
							R47	468 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R48 JL1											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400			
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400			
8	F-SPL	TCB	M 22* 65			0.508	4	S10T			
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400			
21	W-SPL	TCB	M 22* 65			0.508	11	S10T			
							JL1	46 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R48 JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		

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8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL2							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R48 JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL3							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R48 JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL4							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R48 JL4A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
24	W-SPL	TCB	M 22* 65			0.508	12	S10T		
JL4A							53 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R48 JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		

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8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL5							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R48 JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL6							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R48 JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL7							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R48 JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
JL8							46 kg			
R48							469 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R49 JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks

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2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
JL1							46 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R49 JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL2							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R49 JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL3							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R49 JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL4							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R49 JL4A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks

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2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
24	W-SPL	TCB	M 22* 65			0.508	12	S10T		
JL4A										53 kg

APPROACH BRIDGE CROSSBEAM SPLICE R49 JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL5										54 kg

APPROACH BRIDGE CROSSBEAM SPLICE R49 JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL6										54 kg

APPROACH BRIDGE CROSSBEAM SPLICE R49 JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL7										54 kg

APPROACH BRIDGE CROSSBEAM SPLICE R49 JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks

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2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
JL8							46 kg			
R49							469 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R50 JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
JL1							46 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R50 JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL2							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R50 JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL3							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R50 JL4										
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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL4							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R50 JL4A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
22	W-SPL	TCB	M 22* 65			0.508	11	S10T		
JL4A							52 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R50 JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL5							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R50 JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL6							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R50 JL7										
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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL7							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R50 JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
JL8							46 kg			
R50							468 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R51 JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
JL1							46 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R51 JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL2							54 kg			

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APPROACH BRIDGE CROSSBEAM SPLICE R51 JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
							JL3			
							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R51 JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
							JL4			
							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R51 JL4A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
22	W-SPL	TCB	M 22* 65			0.508	11	S10T		
							JL4A			
							52 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R51 JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
							JL5			
							54 kg			

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APPROACH BRIDGE CROSSBEAM SPLICE R51 JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
							JL6			
							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R51 JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
							JL7			
							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R51 JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
							JL8			
							46 kg			
							R51			
							468 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R52 JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		

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JL1	46 kg
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APPROACH BRIDGE CROSSBEAM SPLICE R52 JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
							JL2	54 kg		

APPROACH BRIDGE CROSSBEAM SPLICE R52 JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
							JL3	54 kg		

APPROACH BRIDGE CROSSBEAM SPLICE R52 JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
							JL4	54 kg		

APPROACH BRIDGE CROSSBEAM SPLICE R52 JL4A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
22	W-SPL	TCB	M 22* 65			0.508	11	S10T		

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JL4A	52 kg
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APPROACH BRIDGE CROSSBEAM SPLICE R52 JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL5							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R52 JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL6							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R52 JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL7							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R52 JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		

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JL8	46 kg
R52	468 kg

APPROACH BRIDGE CROSSBEAM SPLICE R53 JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
JL1							46 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R53 JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL2							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R53 JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL3							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R53 JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		

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2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL4							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R53 JL4A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
22	W-SPL	TCB	M 22* 65			0.508	11	S10T		
JL4A							52 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R53 JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL5							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R53 JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL6							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R53 JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		

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2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL7							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R53 JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
JL8							46 kg			
R53							468 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R54 JL1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
JL1							46 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R54 JL2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL2							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R54 JL3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		

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1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL3							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R54 JL4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL4							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R54 JL4A										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
22	W-SPL	TCB	M 22* 65			0.508	11	S10T		
JL4A							52 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R54 JL5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	686	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
JL5							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R54 JL6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		

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1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
							JL6			
							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R54 JL7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	685	70.65	14.4	29	SS400		
26	W-SPL	TCB	M 22* 65			0.508	13	S10T		
							JL7			
							54 kg			

APPROACH BRIDGE CROSSBEAM SPLICE R54 JL8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2	F-SPL	PL	80* 9	297	70.65	1.68	3	SS400		
1	F-SPL	PL	220* 9	297	70.65	4.62	5	SS400		
8	F-SPL	TCB	M 22* 65			0.508	4	S10T		
2	W-SPL	PL	297* 9	556	70.65	11.7	23	SS400		
21	W-SPL	TCB	M 22* 65			0.508	11	S10T		
							JL8			
							46 kg			
							R54			
							468 kg			
							CROSSBEAM SPLICE			
							25483 kg			
							APPROACH BRIDGE			
							25483 kg			

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APPROACH BRIDGE INSPECTION WALKWAY G1 IN1-1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2		L	65* 65* 6	2188	5.910	12.9	26	SS400		HDG
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG
1		L	65* 65* 6	1941	5.910	11.5	12	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG
1		EXP	600	2148	14.50	18.7	19	XG11		HDG
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG
							IN1-1	93 kg		
							4@ IN1-1	372 kg		

APPROACH BRIDGE INSPECTION WALKWAY G1 IN1-2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2		L	65* 65* 6	2267	5.910	13.4	27	SS400		HDG
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG
1		L	65* 65* 6	2020	5.910	11.9	12	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG
1		EXP	600	2227	14.50	19.4	19	XG11		HDG
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG
							IN1-2	94 kg		

APPROACH BRIDGE INSPECTION WALKWAY G1 IN1-3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2		L	65* 65* 6	2267	5.910	13.4	27	SS400		HDG
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG
1		L	65* 65* 6	2020	5.910	11.9	12	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG
1		EXP	600	2227	14.50	19.4	19	XG11		HDG
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG

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2		BN	M 12* 40			0.077	1	SS400		2-W,HDG	
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG	
							IN1-3 94 kg				

APPROACH BRIDGE INSPECTION WALKWAY G1 IN1-4											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2		L	65* 65* 6	2267	5.910	13.4	27	SS400		HDG	
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG	
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG	
1		L	65* 65* 6	2020	5.910	11.9	12	SS400		HDG	
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG	
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG	
1		EXP	600	2227	14.50	19.4	19	XG11		HDG	
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG	
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG	
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG	
							IN1-4 94 kg				

APPROACH BRIDGE INSPECTION WALKWAY G1 IN1-5											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2		L	65* 65* 6	2280	5.910	13.5	27	SS400		HDG	
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG	
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG	
1		L	65* 65* 6	2033	5.910	12.0	12	SS400		HDG	
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG	
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG	
1		EXP	600	2240	14.50	19.5	20	XG11		HDG	
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG	
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG	
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG	
							IN1-5 95 kg				
							2@ IN1-5 190 kg				

APPROACH BRIDGE INSPECTION WALKWAY G1 IN1-6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2		L	65* 65* 6	2288	5.910	13.5	27	SS400		HDG
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG

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1		L	65* 65* 6	2041	5.910	12.1	12	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG
1		EXP		600	2248	14.50	19.6	20	XG11	HDG
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG
								IN1-6		95 kg
								7@ IN1-6		665 kg

APPROACH BRIDGE INSPECTION WALKWAY G1 IN1-7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2		L	65* 65* 6	2291	5.910	13.5	27	SS400		HDG
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG
1		L	65* 65* 6	2044	5.910	12.1	12	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG
1		EXP		600	2251	14.50	19.6	20	XG11	HDG
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG
								IN1-7		95 kg

APPROACH BRIDGE INSPECTION WALKWAY G1 IN1-8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2		L	65* 65* 6	2303	5.910	13.6	27	SS400		HDG
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG
1		L	65* 65* 6	2056	5.910	12.2	12	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG
1		EXP		600	2263	14.50	19.7	20	XG11	HDG
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG
								IN1-8		95 kg

APPROACH BRIDGE INSPECTION WALKWAY G1 IN1-9										
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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2		L	65* 65* 6	2307	5.910	13.6	27	SS400		HDG
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG
1		L	65* 65* 6	2060	5.910	12.2	12	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG
1		EXP	600	2267	14.50	19.7	20	XG11		HDG
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG
							IN1-9	95 kg		

APPROACH BRIDGE INSPECTION WALKWAY G1 IN1-10										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2		L	65* 65* 6	2308	5.910	13.6	27	SS400		HDG
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG
1		L	65* 65* 6	2061	5.910	12.2	12	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG
1		EXP	600	2268	14.50	19.7	20	XG11		HDG
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG
							IN1-10	95 kg		

APPROACH BRIDGE INSPECTION WALKWAY G1 IN1-11										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2		L	65* 65* 6	2308	5.910	13.6	27	SS400		HDG
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG
1		L	65* 65* 6	2061	5.910	12.2	12	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG
1		EXP	600	2268	14.50	19.7	20	XG11		HDG
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG

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IN1-11	95 kg
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APPROACH BRIDGE INSPECTION WALKWAY G1 IN1-12										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2		L	65* 65* 6	2308	5.910	13.6	27	SS400		HDG
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG
1		L	65* 65* 6	2061	5.910	12.2	12	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG
1		EXP		600	2268	14.50	19.7	20	XG11	HDG
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG
IN1-12										
95 kg										

APPROACH BRIDGE INSPECTION WALKWAY G1 IN1-13										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2		L	65* 65* 6	2308	5.910	13.6	27	SS400		HDG
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG
1		L	65* 65* 6	2061	5.910	12.2	12	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG
1		EXP		600	2268	14.50	19.7	20	XG11	HDG
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG
IN1-13										
95 kg										

APPROACH BRIDGE INSPECTION WALKWAY G1 IN1-14										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2		L	65* 65* 6	2308	5.910	13.6	27	SS400		HDG
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG
1		L	65* 65* 6	2061	5.910	12.2	12	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG

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1		EXP		600	2268	14.50	19.7	20	XG11		HDG
2		BN	M 12* 35				0.073	1	SS400		2-W,HDG
2		BN	M 12* 40				0.077	1	SS400		2-W,HDG
10		BN	M 12* 35				0.073	1	SS400		2-W,HDG
								95 kg			
IN1-14											

APPROACH BRIDGE INSPECTION WALKWAY G1 IN1-15											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2		L	65* 65* 6	2308	5.910	13.6	27	SS400		HDG	
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG	
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG	
1		L	65* 65* 6	2061	5.910	12.2	12	SS400		HDG	
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG	
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG	
1		EXP		600	2268	14.50	19.7	20	XG11		HDG
2		BN	M 12* 35				0.073	1	SS400		2-W,HDG
2		BN	M 12* 40				0.077	1	SS400		2-W,HDG
10		BN	M 12* 35				0.073	1	SS400		2-W,HDG
								95 kg			
IN1-15											

APPROACH BRIDGE INSPECTION WALKWAY G1 IN1-16											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2		L	65* 65* 6	2308	5.910	13.6	27	SS400		HDG	
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG	
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG	
1		L	65* 65* 6	2061	5.910	12.2	12	SS400		HDG	
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG	
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG	
1		EXP		600	2268	14.50	19.7	20	XG11		HDG
2		BN	M 12* 35				0.073	1	SS400		2-W,HDG
2		BN	M 12* 40				0.077	1	SS400		2-W,HDG
10		BN	M 12* 35				0.073	1	SS400		2-W,HDG
								95 kg			
IN1-16											

APPROACH BRIDGE INSPECTION WALKWAY G1 IN1-17											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2		L	65* 65* 6	2308	5.910	13.6	27	SS400		HDG	
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG	

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4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG
1		L	65* 65* 6	2061	5.910	12.2	12	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG
1		EXP		600	2268	14.50	19.7	20	XG11	HDG
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG
IN1-17									95 kg	

APPROACH BRIDGE INSPECTION WALKWAY G1 IN1-18										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2		L	65* 65* 6	2309	5.910	13.6	27	SS400		HDG
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG
1		L	65* 65* 6	2062	5.910	12.2	12	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG
1		EXP		600	2269	14.50	19.7	20	XG11	HDG
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG
IN1-18									95 kg	

APPROACH BRIDGE INSPECTION WALKWAY G1 IN1-19										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2		L	65* 65* 6	2309	5.910	13.6	27	SS400		HDG
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG
1		L	65* 65* 6	2062	5.910	12.2	12	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG
1		EXP		600	2269	14.50	19.7	20	XG11	HDG
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG
IN1-19									95 kg	

APPROACH BRIDGE INSPECTION WALKWAY G1 IN1-20										
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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2		L	65* 65* 6	2309	5.910	13.6	27	SS400		HDG
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG
1		L	65* 65* 6	2062	5.910	12.2	12	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG
1		EXP		600	2269	14.50	19.7	20	XG11	HDG
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG
							IN1-20	95 kg		

APPROACH BRIDGE INSPECTION WALKWAY G1 IN1-21										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2		L	65* 65* 6	2309	5.910	13.6	27	SS400		HDG
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG
1		L	65* 65* 6	2062	5.910	12.2	12	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG
1		EXP		600	2269	14.50	19.7	20	XG11	HDG
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG
							IN1-21	95 kg		

APPROACH BRIDGE INSPECTION WALKWAY G1 IN1-22										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2		L	65* 65* 6	2309	5.910	13.6	27	SS400		HDG
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG
1		L	65* 65* 6	2062	5.910	12.2	12	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG
1		EXP		600	2269	14.50	19.7	20	XG11	HDG
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG

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IN1-22	95 kg
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APPROACH BRIDGE INSPECTION WALKWAY G1 IN1-23										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2		L	65* 65* 6	2313	5.910	13.7	27	SS400		HDG
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG
1		L	65* 65* 6	2066	5.910	12.2	12	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG
1		EXP		600	2273	14.50	19.8	20	XG11	HDG
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG
IN1-23							95 kg			
15@ IN1-23							1425 kg			

APPROACH BRIDGE INSPECTION WALKWAY G1 IN1-24										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2		L	65* 65* 6	2323	5.910	13.7	27	SS400		HDG
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG
1		L	65* 65* 6	2076	5.910	12.3	12	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG
1		EXP		600	2283	14.50	19.9	20	XG11	HDG
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG
IN1-24							95 kg			

APPROACH BRIDGE INSPECTION WALKWAY G1 IN1-25										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2		L	65* 65* 6	2326	5.910	13.7	27	SS400		HDG
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG
1		L	65* 65* 6	2079	5.910	12.3	12	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG

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2		FB	65* 6	545	3.060	1.67	3	SS400		HDG
1		EXP	600	2286	14.50	19.9	20	XG11		HDG
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG
								IN1-25		95 kg
								8@ IN1-25		760 kg

APPROACH BRIDGE INSPECTION WALKWAY G1 IN1-26										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2		L	65* 65* 6	2330	5.910	13.8	28	SS400		HDG
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG
1		L	65* 65* 6	2083	5.910	12.3	12	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG
1		EXP	600	2290	14.50	19.9	20	XG11		HDG
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG
								IN1-26		96 kg

APPROACH BRIDGE INSPECTION WALKWAY G1 IN1-27										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2		L	65* 65* 6	2338	5.910	13.8	28	SS400		HDG
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG
1		L	65* 65* 6	2091	5.910	12.4	12	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG
1		EXP	600	2298	14.50	20.0	20	XG11		HDG
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG
								IN1-27		96 kg
								24@ IN1-27		2304 kg

APPROACH BRIDGE INSPECTION WALKWAY G1 IN1-28										

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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2		L	65* 65* 6	2349	5.910	13.9	28	SS400		HDG
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG
1		L	65* 65* 6	2102	5.910	12.4	12	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG
1		EXP	600	2309	14.50	20.1	20	XG11		HDG
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG
IN1-28							96 kg			

APPROACH BRIDGE INSPECTION WALKWAY G1 IN1-29										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2		L	65* 65* 6	2363	5.910	14.0	28	SS400		HDG
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG
1		L	65* 65* 6	2116	5.910	12.5	12	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG
1		EXP	600	2323	14.50	20.2	20	XG11		HDG
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG
IN1-29							96 kg			
24@ IN1-29							2304 kg			

APPROACH BRIDGE INSPECTION WALKWAY G1 IN1-30										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2		L	65* 65* 6	2374	5.910	14.0	28	SS400		HDG
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG
1		L	65* 65* 6	2127	5.910	12.6	13	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG
1		EXP	600	2334	14.50	20.3	20	XG11		HDG
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG

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IN1-30	97 kg
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APPROACH BRIDGE INSPECTION WALKWAY G1 IN1-31										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2		L	65* 65* 6	2377	5.910	14.0	28	SS400		HDG
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG
1		L	65* 65* 6	2130	5.910	12.6	13	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG
1		EXP		600	2337	14.50	20.3	20	XG11	HDG
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG
IN1-31							97 kg			
G1							10303 kg			

APPROACH BRIDGE INSPECTION WALKWAY G2 IN2-1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2		L	65* 65* 6	2183	5.910	12.9	26	SS400		HDG
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG
1		L	65* 65* 6	1936	5.910	11.4	11	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG
1		EXP		600	2143	14.50	18.6	19	XG11	HDG
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG
IN2-1							92 kg			
4@ IN2-1							368 kg			

APPROACH BRIDGE INSPECTION WALKWAY G2 IN2-2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2		L	65* 65* 6	2280	5.910	13.5	27	SS400		HDG
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG

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1		L	65* 65* 6	2033	5.910	12.0	12	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG
1		EXP		600	2240	14.50	19.5	20	XG11	HDG
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG
								IN2-2		95 kg
								2@ IN2-2		190 kg

APPROACH BRIDGE INSPECTION WALKWAY G2 IN2-3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2		L	65* 65* 6	2284	5.910	13.5	27	SS400		HDG
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG
1		L	65* 65* 6	2037	5.910	12.0	12	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG
1		EXP		600	2244	14.50	19.5	20	XG11	HDG
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG
								IN2-3		95 kg
								7@ IN2-3		665 kg

APPROACH BRIDGE INSPECTION WALKWAY G2 IN2-4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2		L	65* 65* 6	2285	5.910	13.5	27	SS400		HDG
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG
1		L	65* 65* 6	2038	5.910	12.0	12	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG
1		EXP		600	2245	14.50	19.5	20	XG11	HDG
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG
								IN2-4		95 kg

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APPROACH BRIDGE INSPECTION WALKWAY G2 IN2-5											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2		L	65* 65* 6	2294	5.910	13.6	27	SS400		HDG	
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG	
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG	
1		L	65* 65* 6	2047	5.910	12.1	12	SS400		HDG	
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG	
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG	
1		EXP		600	2254	14.50	19.6	20	XG11	HDG	
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG	
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG	
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG	
							IN2-5				95 kg

APPROACH BRIDGE INSPECTION WALKWAY G2 IN2-6											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2		L	65* 65* 6	2296	5.910	13.6	27	SS400		HDG	
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG	
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG	
1		L	65* 65* 6	2049	5.910	12.1	12	SS400		HDG	
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG	
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG	
1		EXP		600	2256	14.50	19.6	20	XG11	HDG	
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG	
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG	
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG	
							IN2-6				95 kg

APPROACH BRIDGE INSPECTION WALKWAY G2 IN2-7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2		L	65* 65* 6	2296	5.910	13.6	27	SS400		HDG
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG
1		L	65* 65* 6	2049	5.910	12.1	12	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG
1		EXP		600	2256	14.50	19.6	20	XG11	HDG
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG

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10		BN	M 12* 35			0.073	1	SS400		2-W,HDG
IN2-7						95 kg				

APPROACH BRIDGE INSPECTION WALKWAY G2 IN2-8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2		L	65* 65* 6	2297	5.910	13.6	27	SS400		HDG
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG
1		L	65* 65* 6	2050	5.910	12.1	12	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG
1		EXP		600	2257	14.50	19.6	20	XG11	HDG
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG
IN2-8						95 kg				

APPROACH BRIDGE INSPECTION WALKWAY G2 IN2-9										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2		L	65* 65* 6	2306	5.910	13.6	27	SS400		HDG
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG
1		L	65* 65* 6	2059	5.910	12.2	12	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG
1		EXP		600	2266	14.50	19.7	20	XG11	HDG
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG
IN2-9						95 kg				

APPROACH BRIDGE INSPECTION WALKWAY G2 IN2-10										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2		L	65* 65* 6	2307	5.910	13.6	27	SS400		HDG
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG
1		L	65* 65* 6	2060	5.910	12.2	12	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG

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2		FB	65* 6	545	3.060	1.67	3	SS400		HDG
1		EXP	600	2267	14.50	19.7	20	XG11		HDG
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG
								IN2-10		95 kg
								2@ IN2-10		190 kg

APPROACH BRIDGE INSPECTION WALKWAY G2 IN2-11										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2		L	65* 65* 6	2308	5.910	13.6	27	SS400		HDG
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG
1		L	65* 65* 6	2061	5.910	12.2	12	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG
1		EXP	600	2268	14.50	19.7	20	XG11		HDG
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG
								IN2-11		95 kg

APPROACH BRIDGE INSPECTION WALKWAY G2 IN2-12										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2		L	65* 65* 6	2308	5.910	13.6	27	SS400		HDG
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG
1		L	65* 65* 6	2061	5.910	12.2	12	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG
1		EXP	600	2268	14.50	19.7	20	XG11		HDG
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG
								IN2-12		95 kg

APPROACH BRIDGE INSPECTION WALKWAY G2 IN2-13										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks

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2		L	65* 65* 6	2308	5.910	13.6	27	SS400		HDG
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG
1		L	65* 65* 6	2061	5.910	12.2	12	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG
1		EXP	600	2268	14.50	19.7	20	XG11		HDG
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG
IN2-13										
95 kg										

APPROACH BRIDGE INSPECTION WALKWAY G2 IN2-14										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2		L	65* 65* 6	2308	5.910	13.6	27	SS400		HDG
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG
1		L	65* 65* 6	2061	5.910	12.2	12	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG
1		EXP	600	2268	14.50	19.7	20	XG11		HDG
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG
IN2-14										
95 kg										

APPROACH BRIDGE INSPECTION WALKWAY G2 IN2-15										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2		L	65* 65* 6	2308	5.910	13.6	27	SS400		HDG
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG
1		L	65* 65* 6	2061	5.910	12.2	12	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG
1		EXP	600	2268	14.50	19.7	20	XG11		HDG
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG
IN2-15										
95 kg										

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APPROACH BRIDGE INSPECTION WALKWAY G2 IN2-16											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2		L	65* 65* 6	2308	5.910	13.6	27	SS400		HDG	
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG	
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG	
1		L	65* 65* 6	2061	5.910	12.2	12	SS400		HDG	
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG	
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG	
1		EXP	600	2268	14.50	19.7	20	XG11		HDG	
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG	
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG	
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG	
							IN2-16				95 kg

APPROACH BRIDGE INSPECTION WALKWAY G2 IN2-17											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2		L	65* 65* 6	2308	5.910	13.6	27	SS400		HDG	
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG	
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG	
1		L	65* 65* 6	2061	5.910	12.2	12	SS400		HDG	
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG	
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG	
1		EXP	600	2268	14.50	19.7	20	XG11		HDG	
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG	
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG	
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG	
							IN2-17				95 kg

APPROACH BRIDGE INSPECTION WALKWAY G2 IN2-18										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2		L	65* 65* 6	2308	5.910	13.6	27	SS400		HDG
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG
1		L	65* 65* 6	2061	5.910	12.2	12	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG
1		EXP	600	2268	14.50	19.7	20	XG11		HDG
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG

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2		BN	M 12* 40			0.077	1	SS400		2-W,HDG	
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG	
							IN2-18 95 kg				

APPROACH BRIDGE INSPECTION WALKWAY G2 IN2-19											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2		L	65* 65* 6	2309	5.910	13.6	27	SS400		HDG	
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG	
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG	
1		L	65* 65* 6	2062	5.910	12.2	12	SS400		HDG	
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG	
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG	
1		EXP		600	2269	14.50	19.7	20	XG11	HDG	
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG	
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG	
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG	
							IN2-19 95 kg				
							16@ IN2-19 1520 kg				

APPROACH BRIDGE INSPECTION WALKWAY G2 IN2-20											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2		L	65* 65* 6	2309	5.910	13.6	27	SS400		HDG	
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG	
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG	
1		L	65* 65* 6	2062	5.910	12.2	12	SS400		HDG	
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG	
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG	
1		EXP		600	2269	14.50	19.7	20	XG11	HDG	
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG	
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG	
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG	
							IN2-20 95 kg				

APPROACH BRIDGE INSPECTION WALKWAY G2 IN2-21										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2		L	65* 65* 6	2309	5.910	13.6	27	SS400		HDG
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG

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1		L	65* 65* 6	2062	5.910	12.2	12	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG
1		EXP	600	2269	14.50	19.7	20	XG11		HDG
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG
IN2-21										95 kg

APPROACH BRIDGE INSPECTION WALKWAY G2 IN2-22										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2		L	65* 65* 6	2309	5.910	13.6	27	SS400		HDG
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG
1		L	65* 65* 6	2062	5.910	12.2	12	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG
1		EXP	600	2269	14.50	19.7	20	XG11		HDG
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG
IN2-22										95 kg

APPROACH BRIDGE INSPECTION WALKWAY G2 IN2-23										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2		L	65* 65* 6	2309	5.910	13.6	27	SS400		HDG
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG
1		L	65* 65* 6	2062	5.910	12.2	12	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG
1		EXP	600	2269	14.50	19.7	20	XG11		HDG
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG
IN2-23										95 kg

APPROACH BRIDGE INSPECTION WALKWAY G2 IN2-24										

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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2		L	65* 65* 6	2315	5.910	13.7	27	SS400		HDG
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG
1		L	65* 65* 6	2068	5.910	12.2	12	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG
1		EXP	600	2275	14.50	19.8	20	XG11		HDG
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG
							IN2-24	95 kg		

APPROACH BRIDGE INSPECTION WALKWAY G2 IN2-25										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2		L	65* 65* 6	2320	5.910	13.7	27	SS400		HDG
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG
1		L	65* 65* 6	2073	5.910	12.3	12	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG
1		EXP	600	2280	14.50	19.8	20	XG11		HDG
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG
							IN2-25	95 kg		

APPROACH BRIDGE INSPECTION WALKWAY G2 IN2-26										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2		L	65* 65* 6	2321	5.910	13.7	27	SS400		HDG
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG
1		L	65* 65* 6	2074	5.910	12.3	12	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG
1		EXP	600	2281	14.50	19.9	20	XG11		HDG
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG

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IN2-26	95 kg
8@ IN2-26	760 kg

APPROACH BRIDGE INSPECTION WALKWAY G2 IN2-27										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2		L	65* 65* 6	2325	5.910	13.7	27	SS400		HDG
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG
1		L	65* 65* 6	2078	5.910	12.3	12	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG
1		EXP		600	2285	14.50	19.9	20	XG11	HDG
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG
IN2-27							95 kg			

APPROACH BRIDGE INSPECTION WALKWAY G2 IN2-28										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2		L	65* 65* 6	2334	5.910	13.8	28	SS400		HDG
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG
1		L	65* 65* 6	2087	5.910	12.3	12	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG
1		EXP		600	2294	14.50	20.0	20	XG11	HDG
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG
IN2-28							96 kg			
24@ IN2-28							2304 kg			

APPROACH BRIDGE INSPECTION WALKWAY G2 IN2-29										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2		L	65* 65* 6	2359	5.910	13.9	28	SS400		HDG
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG
1		L	65* 65* 6	2112	5.910	12.5	12	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG

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2		FB	65* 6	545	3.060	1.67	3	SS400		HDG
1		EXP	600	2319	14.50	20.2	20	XG11		HDG
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG
								IN2-29		96 kg
								24@ IN2-29		2304 kg
								G2		10296 kg

APPROACH BRIDGE INSPECTION WALKWAY G3 IN3-1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2		L	65* 65* 6	2177	5.910	12.9	26	SS400		HDG
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG
1		L	65* 65* 6	1930	5.910	11.4	11	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG
1		EXP	600	2137	14.50	18.6	19	XG11		HDG
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG
								IN3-1		92 kg
								4@ IN3-1		368 kg

APPROACH BRIDGE INSPECTION WALKWAY G3 IN3-2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2		L	65* 65* 6	2268	5.910	13.4	27	SS400		HDG
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG
1		L	65* 65* 6	2021	5.910	11.9	12	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG
1		EXP	600	2228	14.50	19.4	19	XG11		HDG
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG
								IN3-2		94 kg

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APPROACH BRIDGE INSPECTION WALKWAY G3 IN3-3											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2		L	65* 65* 6	2275	5.910	13.4	27	SS400		HDG	
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG	
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG	
1		L	65* 65* 6	2028	5.910	12.0	12	SS400		HDG	
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG	
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG	
1		EXP		600	2235	14.50	19.4	19	XG11	HDG	
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG	
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG	
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG	
							IN3-3				94 kg

APPROACH BRIDGE INSPECTION WALKWAY G3 IN3-4											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2		L	65* 65* 6	2277	5.910	13.5	27	SS400		HDG	
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG	
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG	
1		L	65* 65* 6	2030	5.910	12.0	12	SS400		HDG	
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG	
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG	
1		EXP		600	2237	14.50	19.5	20	XG11	HDG	
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG	
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG	
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG	
							IN3-4				95 kg
							7@ IN3-4				665 kg

APPROACH BRIDGE INSPECTION WALKWAY G3 IN3-5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2		L	65* 65* 6	2280	5.910	13.5	27	SS400		HDG
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG
1		L	65* 65* 6	2033	5.910	12.0	12	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG
1		EXP		600	2240	14.50	19.5	20	XG11	HDG
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG

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2		BN	M 12* 40			0.077	1	SS400		2-W,HDG
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG
							IN3-5		95 kg	
							2@ IN3-5		190 kg	

APPROACH BRIDGE INSPECTION WALKWAY G3 IN3-6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2		L	65* 65* 6	2283	5.910	13.5	27	SS400		HDG
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG
1		L	65* 65* 6	2036	5.910	12.0	12	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG
1		EXP		600	2243	14.50	19.5	20	XG11	HDG
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG
							IN3-6		95 kg	

APPROACH BRIDGE INSPECTION WALKWAY G3 IN3-7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2		L	65* 65* 6	2287	5.910	13.5	27	SS400		HDG
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG
1		L	65* 65* 6	2040	5.910	12.1	12	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG
1		EXP		600	2247	14.50	19.5	20	XG11	HDG
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG
							IN3-7		95 kg	

APPROACH BRIDGE INSPECTION WALKWAY G3 IN3-8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2		L	65* 65* 6	2293	5.910	13.6	27	SS400		HDG
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG

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1		L	65* 65* 6	2046	5.910	12.1	12	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG
1		EXP	600	2253	14.50	19.6	20	XG11		HDG
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG
IN3-8										95 kg

APPROACH BRIDGE INSPECTION WALKWAY G3 IN3-9										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2		L	65* 65* 6	2293	5.910	13.6	27	SS400		HDG
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG
1		L	65* 65* 6	2046	5.910	12.1	12	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG
1		EXP	600	2253	14.50	19.6	20	XG11		HDG
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG
IN3-9										95 kg

APPROACH BRIDGE INSPECTION WALKWAY G3 IN3-10										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2		L	65* 65* 6	2293	5.910	13.6	27	SS400		HDG
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG
1		L	65* 65* 6	2046	5.910	12.1	12	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG
1		EXP	600	2253	14.50	19.6	20	XG11		HDG
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG
IN3-10										95 kg

APPROACH BRIDGE INSPECTION WALKWAY G3 IN3-11										

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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2		L	65* 65* 6	2302	5.910	13.6	27	SS400		HDG
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG
1		L	65* 65* 6	2055	5.910	12.1	12	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG
1		EXP	600	2262	14.50	19.7	20	XG11		HDG
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG
IN3-11							95 kg			
15@ IN3-11							1425 kg			

APPROACH BRIDGE INSPECTION WALKWAY G3 IN3-12										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2		L	65* 65* 6	2302	5.910	13.6	27	SS400		HDG
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG
1		L	65* 65* 6	2055	5.910	12.1	12	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG
1		EXP	600	2262	14.50	19.7	20	XG11		HDG
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG
IN3-12							95 kg			

APPROACH BRIDGE INSPECTION WALKWAY G3 IN3-13										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2		L	65* 65* 6	2302	5.910	13.6	27	SS400		HDG
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG
1		L	65* 65* 6	2055	5.910	12.1	12	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG
1		EXP	600	2262	14.50	19.7	20	XG11		HDG
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG

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IN3-13	95 kg
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APPROACH BRIDGE INSPECTION WALKWAY G3 IN3-14										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2		L	65* 65* 6	2302	5.910	13.6	27	SS400		HDG
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG
1		L	65* 65* 6	2055	5.910	12.1	12	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG
1		EXP		600	2262	14.50	19.7	20	XG11	HDG
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG
IN3-14							95 kg			

APPROACH BRIDGE INSPECTION WALKWAY G3 IN3-15										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2		L	65* 65* 6	2303	5.910	13.6	27	SS400		HDG
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG
1		L	65* 65* 6	2056	5.910	12.2	12	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG
1		EXP		600	2263	14.50	19.7	20	XG11	HDG
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG
IN3-15							95 kg			

APPROACH BRIDGE INSPECTION WALKWAY G3 IN3-16										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2		L	65* 65* 6	2303	5.910	13.6	27	SS400		HDG
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG
1		L	65* 65* 6	2056	5.910	12.2	12	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG

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1		EXP		600	2263	14.50	19.7	20	XG11		HDG
2		BN	M 12* 35				0.073	1	SS400		2-W,HDG
2		BN	M 12* 40				0.077	1	SS400		2-W,HDG
10		BN	M 12* 35				0.073	1	SS400		2-W,HDG
								IN3-16		95 kg	

APPROACH BRIDGE INSPECTION WALKWAY G3 IN3-17											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2		L	65* 65* 6	2303	5.910	13.6	27	SS400		HDG	
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG	
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG	
1		L	65* 65* 6	2056	5.910	12.2	12	SS400		HDG	
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG	
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG	
1		EXP		600	2263	14.50	19.7	20	XG11		HDG
2		BN	M 12* 35				0.073	1	SS400		2-W,HDG
2		BN	M 12* 40				0.077	1	SS400		2-W,HDG
10		BN	M 12* 35				0.073	1	SS400		2-W,HDG
								IN3-17		95 kg	

APPROACH BRIDGE INSPECTION WALKWAY G3 IN3-18											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2		L	65* 65* 6	2303	5.910	13.6	27	SS400		HDG	
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG	
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG	
1		L	65* 65* 6	2056	5.910	12.2	12	SS400		HDG	
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG	
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG	
1		EXP		600	2263	14.50	19.7	20	XG11		HDG
2		BN	M 12* 35				0.073	1	SS400		2-W,HDG
2		BN	M 12* 40				0.077	1	SS400		2-W,HDG
10		BN	M 12* 35				0.073	1	SS400		2-W,HDG
								IN3-18		95 kg	

APPROACH BRIDGE INSPECTION WALKWAY G3 IN3-19											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2		L	65* 65* 6	2303	5.910	13.6	27	SS400		HDG	
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG	

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4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG
1		L	65* 65* 6	2056	5.910	12.2	12	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG
1		EXP		600	2263	14.50	19.7	20	XG11	HDG
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG
IN3-19										95 kg

APPROACH BRIDGE INSPECTION WALKWAY G3 IN3-20										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2		L	65* 65* 6	2303	5.910	13.6	27	SS400		HDG
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG
1		L	65* 65* 6	2056	5.910	12.2	12	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG
1		EXP		600	2263	14.50	19.7	20	XG11	HDG
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG
IN3-20										95 kg

APPROACH BRIDGE INSPECTION WALKWAY G3 IN3-21										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2		L	65* 65* 6	2303	5.910	13.6	27	SS400		HDG
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG
1		L	65* 65* 6	2056	5.910	12.2	12	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG
1		EXP		600	2263	14.50	19.7	20	XG11	HDG
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG
IN3-21										95 kg

APPROACH BRIDGE INSPECTION WALKWAY G3 IN3-22										
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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2		L	65* 65* 6	2303	5.910	13.6	27	SS400		HDG
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG
1		L	65* 65* 6	2056	5.910	12.2	12	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG
1		EXP		600	2263	14.50	19.7	20	XG11	HDG
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG
							IN3-22	95 kg		

APPROACH BRIDGE INSPECTION WALKWAY G3 IN3-23										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2		L	65* 65* 6	2304	5.910	13.6	27	SS400		HDG
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG
1		L	65* 65* 6	2057	5.910	12.2	12	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG
1		EXP		600	2264	14.50	19.7	20	XG11	HDG
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG
							IN3-23	95 kg		

APPROACH BRIDGE INSPECTION WALKWAY G3 IN3-24										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2		L	65* 65* 6	2304	5.910	13.6	27	SS400		HDG
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG
1		L	65* 65* 6	2057	5.910	12.2	12	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG
1		EXP		600	2264	14.50	19.7	20	XG11	HDG
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG

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IN3-24	95 kg
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APPROACH BRIDGE INSPECTION WALKWAY G3 IN3-25										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2		L	65* 65* 6	2304	5.910	13.6	27	SS400		HDG
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG
1		L	65* 65* 6	2057	5.910	12.2	12	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG
1		EXP		600	2264	14.50	19.7	20	XG11	HDG
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG
IN3-25							95 kg			

APPROACH BRIDGE INSPECTION WALKWAY G3 IN3-26										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2		L	65* 65* 6	2304	5.910	13.6	27	SS400		HDG
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG
1		L	65* 65* 6	2057	5.910	12.2	12	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG
1		EXP		600	2264	14.50	19.7	20	XG11	HDG
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG
IN3-26							95 kg			

APPROACH BRIDGE INSPECTION WALKWAY G3 IN3-27										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2		L	65* 65* 6	2307	5.910	13.6	27	SS400		HDG
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG
1		L	65* 65* 6	2060	5.910	12.2	12	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG

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1		EXP		600	2267	14.50	19.7	20	XG11		HDG	
2		BN	M 12* 35				0.073	1	SS400		2-W,HDG	
2		BN	M 12* 40				0.077	1	SS400		2-W,HDG	
10		BN	M 12* 35				0.073	1	SS400		2-W,HDG	
								IN3-27				95 kg

APPROACH BRIDGE INSPECTION WALKWAY G3 IN3-28												
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks		
2		L	65* 65* 6	2312	5.910	13.7	27	SS400		HDG		
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG		
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG		
1		L	65* 65* 6	2065	5.910	12.2	12	SS400		HDG		
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG		
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG		
1		EXP		600	2272	14.50	19.8	20	XG11	HDG		
2		BN	M 12* 35				0.073	1	SS400	2-W,HDG		
2		BN	M 12* 40				0.077	1	SS400	2-W,HDG		
10		BN	M 12* 35				0.073	1	SS400	2-W,HDG		
								IN3-28				95 kg

APPROACH BRIDGE INSPECTION WALKWAY G3 IN3-29												
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks		
2		L	65* 65* 6	2314	5.910	13.7	27	SS400		HDG		
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG		
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG		
1		L	65* 65* 6	2067	5.910	12.2	12	SS400		HDG		
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG		
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG		
1		EXP		600	2274	14.50	19.8	20	XG11	HDG		
2		BN	M 12* 35				0.073	1	SS400	2-W,HDG		
2		BN	M 12* 40				0.077	1	SS400	2-W,HDG		
10		BN	M 12* 35				0.073	1	SS400	2-W,HDG		
								IN3-29				95 kg
								8@ IN3-29				760 kg

APPROACH BRIDGE INSPECTION WALKWAY G3 IN3-30											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2		L	65* 65* 6	2326	5.910	13.7	27	SS400		HDG	

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2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG
1		L	65* 65* 6	2079	5.910	12.3	12	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG
1		EXP		600	2286	14.50	20	XG11		HDG
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG
								IN3-30		95 kg
								24@ IN3-30		2280 kg

APPROACH BRIDGE INSPECTION WALKWAY G3 IN3-31										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2		L	65* 65* 6	2351	5.910	13.9	28	SS400		HDG
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG
1		L	65* 65* 6	2104	5.910	12.4	12	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG
1		EXP		600	2311	14.50	20	XG11		HDG
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG
								IN3-31		96 kg
								24@ IN3-31		2304 kg
								G3		10270 kg

APPROACH BRIDGE INSPECTION WALKWAY G4 IN4-1										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2		L	65* 65* 6	2177	5.910	12.9	26	SS400		HDG
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG
1		L	65* 65* 6	1930	5.910	11.4	11	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG
1		EXP		600	2137	14.50	19	XG11		HDG
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG

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10		BN	M 12* 35			0.073	1	SS400		2-W,HDG
IN4-1										
92 kg										

APPROACH BRIDGE INSPECTION WALKWAY G4 IN4-2										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2		L	65* 65* 6	2178	5.910	12.9	26	SS400		HDG
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG
1		L	65* 65* 6	1931	5.910	11.4	11	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG
1		EXP		600	2138	14.50	18.6	19	XG11	HDG
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG
IN4-2										
92 kg										

APPROACH BRIDGE INSPECTION WALKWAY G4 IN4-3										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2		L	65* 65* 6	2178	5.910	12.9	26	SS400		HDG
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG
1		L	65* 65* 6	1931	5.910	11.4	11	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG
1		EXP		600	2138	14.50	18.6	19	XG11	HDG
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG
IN4-3										
92 kg										

APPROACH BRIDGE INSPECTION WALKWAY G4 IN4-4										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2		L	65* 65* 6	2227	5.910	13.2	26	SS400		HDG
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG
1		L	65* 65* 6	1980	5.910	11.7	12	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG

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2		FB	65* 6	545	3.060	1.67	3	SS400		HDG
1		EXP	600	2187	14.50	19.0	19	XG11		HDG
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG
IN4-4										93 kg

APPROACH BRIDGE INSPECTION WALKWAY G4 IN4-5										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2		L	65* 65* 6	2232	5.910	13.2	26	SS400		HDG
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG
1		L	65* 65* 6	1985	5.910	11.7	12	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG
1		EXP	600	2192	14.50	19.1	19	XG11		HDG
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG
IN4-5										93 kg

APPROACH BRIDGE INSPECTION WALKWAY G4 IN4-6										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2		L	65* 65* 6	2241	5.910	13.2	26	SS400		HDG
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG
1		L	65* 65* 6	1994	5.910	11.8	12	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG
1		EXP	600	2201	14.50	19.2	19	XG11		HDG
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG
IN4-6										93 kg

APPROACH BRIDGE INSPECTION WALKWAY G4 IN4-7										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2		L	65* 65* 6	2246	5.910	13.3	27	SS400		HDG

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2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG
1		L	65* 65* 6	1999	5.910	11.8	12	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG
1		EXP		600	2206	14.50	19	XG11		HDG
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG
IN4-7										94 kg

APPROACH BRIDGE INSPECTION WALKWAY G4 IN4-8										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2		L	65* 65* 6	2252	5.910	13.3	27	SS400		HDG
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG
1		L	65* 65* 6	2005	5.910	11.8	12	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG
1		EXP		600	2212	14.50	19	XG11		HDG
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG
IN4-8										94 kg

APPROACH BRIDGE INSPECTION WALKWAY G4 IN4-9										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2		L	65* 65* 6	2260	5.910	13.4	27	SS400		HDG
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG
1		L	65* 65* 6	2013	5.910	11.9	12	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG
1		EXP		600	2220	14.50	19	XG11		HDG
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG
IN4-9										94 kg

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APPROACH BRIDGE INSPECTION WALKWAY G4 IN4-10											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2		L	65* 65* 6	2263	5.910	13.4	27	SS400		HDG	
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG	
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG	
1		L	65* 65* 6	2016	5.910	11.9	12	SS400		HDG	
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG	
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG	
1		EXP		600	2223	14.50	19.3	19	XG11	HDG	
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG	
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG	
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG	
							IN4-10				94 kg

APPROACH BRIDGE INSPECTION WALKWAY G4 IN4-11											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2		L	65* 65* 6	2264	5.910	13.4	27	SS400		HDG	
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG	
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG	
1		L	65* 65* 6	2017	5.910	11.9	12	SS400		HDG	
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG	
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG	
1		EXP		600	2224	14.50	19.3	19	XG11	HDG	
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG	
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG	
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG	
							IN4-11				94 kg

APPROACH BRIDGE INSPECTION WALKWAY G4 IN4-12										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2		L	65* 65* 6	2264	5.910	13.4	27	SS400		HDG
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG
1		L	65* 65* 6	2017	5.910	11.9	12	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG
1		EXP		600	2224	14.50	19.3	19	XG11	HDG
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG

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10		BN	M 12* 35			0.073	1	SS400		2-W,HDG
IN4-12						94 kg				

APPROACH BRIDGE INSPECTION WALKWAY G4 IN4-13										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2		L	65* 65* 6	2268	5.910	13.4	27	SS400		HDG
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG
1		L	65* 65* 6	2021	5.910	11.9	12	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG
1		EXP		600	2228	14.50	19.4	19	XG11	HDG
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG
IN4-13						94 kg				
3@ IN4-13						282 kg				

APPROACH BRIDGE INSPECTION WALKWAY G4 IN4-14										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2		L	65* 65* 6	2269	5.910	13.4	27	SS400		HDG
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG
1		L	65* 65* 6	2022	5.910	12.0	12	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG
1		EXP		600	2229	14.50	19.4	19	XG11	HDG
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG
IN4-14						94 kg				

APPROACH BRIDGE INSPECTION WALKWAY G4 IN4-15										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2		L	65* 65* 6	2269	5.910	13.4	27	SS400		HDG
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG
1		L	65* 65* 6	2022	5.910	12.0	12	SS400		HDG

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2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG
1		EXP	600	2229	14.50	19.4	19	XG11		HDG
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG
IN4-15										94 kg

APPROACH BRIDGE INSPECTION WALKWAY G4 IN4-16										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2		L	65* 65* 6	2269	5.910	13.4	27	SS400		HDG
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG
1		L	65* 65* 6	2022	5.910	12.0	12	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG
1		EXP	600	2229	14.50	19.4	19	XG11		HDG
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG
IN4-16										94 kg

APPROACH BRIDGE INSPECTION WALKWAY G4 IN4-17										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2		L	65* 65* 6	2280	5.910	13.5	27	SS400		HDG
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG
1		L	65* 65* 6	2033	5.910	12.0	12	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG
1		EXP	600	2240	14.50	19.5	20	XG11		HDG
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG
IN4-17										95 kg
2@ IN4-17										190 kg

APPROACH BRIDGE INSPECTION WALKWAY G4 IN4-18										

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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2		L	65* 65* 6	2297	5.910	13.6	27	SS400		HDG
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG
1		L	65* 65* 6	2050	5.910	12.1	12	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG
1		EXP	600	2257	14.50	19.6	20	XG11		HDG
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG
IN4-18							95 kg			
12@ IN4-18							1140 kg			

APPROACH BRIDGE INSPECTION WALKWAY G4 IN4-19										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2		L	65* 65* 6	2299	5.910	13.6	27	SS400		HDG
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG
1		L	65* 65* 6	2052	5.910	12.1	12	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG
1		EXP	600	2259	14.50	19.6	20	XG11		HDG
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG
IN4-19							95 kg			

APPROACH BRIDGE INSPECTION WALKWAY G4 IN4-20										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2		L	65* 65* 6	2301	5.910	13.6	27	SS400		HDG
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG
1		L	65* 65* 6	2054	5.910	12.1	12	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG
1		EXP	600	2261	14.50	19.7	20	XG11		HDG
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG

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IN4-20	95 kg
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APPROACH BRIDGE INSPECTION WALKWAY G4 IN4-21										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2		L	65* 65* 6	2302	5.910	13.6	27	SS400		HDG
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG
1		L	65* 65* 6	2055	5.910	12.1	12	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG
1		EXP		600	2262	14.50	19.7	20	XG11	HDG
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG
							IN4-21	95 kg		

APPROACH BRIDGE INSPECTION WALKWAY G4 IN4-22										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2		L	65* 65* 6	2302	5.910	13.6	27	SS400		HDG
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG
1		L	65* 65* 6	2055	5.910	12.1	12	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG
1		EXP		600	2262	14.50	19.7	20	XG11	HDG
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG
							IN4-22	95 kg		

APPROACH BRIDGE INSPECTION WALKWAY G4 IN4-23										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2		L	65* 65* 6	2302	5.910	13.6	27	SS400		HDG
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG
1		L	65* 65* 6	2055	5.910	12.1	12	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG

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1		EXP		600	2262	14.50	19.7	20	XG11		HDG
2		BN	M 12* 35				0.073	1	SS400		2-W,HDG
2		BN	M 12* 40				0.077	1	SS400		2-W,HDG
10		BN	M 12* 35				0.073	1	SS400		2-W,HDG
								IN4-23		95 kg	

APPROACH BRIDGE INSPECTION WALKWAY G4 IN4-24											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2		L	65* 65* 6	2303	5.910	13.6	27	SS400		HDG	
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG	
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG	
1		L	65* 65* 6	2056	5.910	12.2	12	SS400		HDG	
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG	
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG	
1		EXP		600	2263	14.50	19.7	20	XG11	HDG	
2		BN	M 12* 35				0.073	1	SS400	2-W,HDG	
2		BN	M 12* 40				0.077	1	SS400	2-W,HDG	
10		BN	M 12* 35				0.073	1	SS400	2-W,HDG	
								IN4-24		95 kg	

APPROACH BRIDGE INSPECTION WALKWAY G4 IN4-25											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2		L	65* 65* 6	2303	5.910	13.6	27	SS400		HDG	
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG	
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG	
1		L	65* 65* 6	2056	5.910	12.2	12	SS400		HDG	
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG	
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG	
1		EXP		600	2263	14.50	19.7	20	XG11	HDG	
2		BN	M 12* 35				0.073	1	SS400	2-W,HDG	
2		BN	M 12* 40				0.077	1	SS400	2-W,HDG	
10		BN	M 12* 35				0.073	1	SS400	2-W,HDG	
								IN4-25		95 kg	

APPROACH BRIDGE INSPECTION WALKWAY G4 IN4-26											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2		L	65* 65* 6	2303	5.910	13.6	27	SS400		HDG	
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG	

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4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG
1		L	65* 65* 6	2056	5.910	12.2	12	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG
1		EXP		600	2263	14.50	19.7	20	XG11	HDG
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG
IN4-26										95 kg

APPROACH BRIDGE INSPECTION WALKWAY G4 IN4-27										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2		L	65* 65* 6	2303	5.910	13.6	27	SS400		HDG
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG
1		L	65* 65* 6	2056	5.910	12.2	12	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG
1		EXP		600	2263	14.50	19.7	20	XG11	HDG
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG
IN4-27										95 kg

APPROACH BRIDGE INSPECTION WALKWAY G4 IN4-28										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2		L	65* 65* 6	2303	5.910	13.6	27	SS400		HDG
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG
1		L	65* 65* 6	2056	5.910	12.2	12	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG
1		EXP		600	2263	14.50	19.7	20	XG11	HDG
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG
IN4-28										95 kg

APPROACH BRIDGE INSPECTION WALKWAY G4 IN4-29										
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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2		L	65* 65* 6	2303	5.910	13.6	27	SS400		HDG
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG
1		L	65* 65* 6	2056	5.910	12.2	12	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG
1		EXP		600 2263	14.50	19.7	20	XG11		HDG
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG
							IN4-29		95 kg	
							2@ IN4-29		190 kg	

APPROACH BRIDGE INSPECTION WALKWAY G4 IN4-30										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2		L	65* 65* 6	2303	5.910	13.6	27	SS400		HDG
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG
1		L	65* 65* 6	2056	5.910	12.2	12	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG
1		EXP		600 2263	14.50	19.7	20	XG11		HDG
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG
							IN4-30		95 kg	

APPROACH BRIDGE INSPECTION WALKWAY G4 IN4-31										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2		L	65* 65* 6	2303	5.910	13.6	27	SS400		HDG
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG
1		L	65* 65* 6	2056	5.910	12.2	12	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG
1		EXP		600 2263	14.50	19.7	20	XG11		HDG
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG

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10		BN	M 12* 35			0.073	1	SS400		2-W,HDG
IN4-31						95 kg				

APPROACH BRIDGE INSPECTION WALKWAY G4 IN4-32										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2		L	65* 65* 6	2304	5.910	13.6	27	SS400		HDG
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG
1		L	65* 65* 6	2057	5.910	12.2	12	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG
1		EXP		600	2264	14.50	19.7	20	XG11	HDG
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG
IN4-32						95 kg				

APPROACH BRIDGE INSPECTION WALKWAY G4 IN4-33										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2		L	65* 65* 6	2304	5.910	13.6	27	SS400		HDG
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG
1		L	65* 65* 6	2057	5.910	12.2	12	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG
1		EXP		600	2264	14.50	19.7	20	XG11	HDG
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG
IN4-33						95 kg				

APPROACH BRIDGE INSPECTION WALKWAY G4 IN4-34										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2		L	65* 65* 6	2304	5.910	13.6	27	SS400		HDG
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG
1		L	65* 65* 6	2057	5.910	12.2	12	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG

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2		FB	65* 6	545	3.060	1.67	3	SS400		HDG
1		EXP	600	2264	14.50	19.7	20	XG11		HDG
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG
								IN4-34		95 kg

APPROACH BRIDGE INSPECTION WALKWAY G4 IN4-35										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2		L	65* 65* 6	2304	5.910	13.6	27	SS400		HDG
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG
1		L	65* 65* 6	2057	5.910	12.2	12	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG
1		EXP	600	2264	14.50	19.7	20	XG11		HDG
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG
								IN4-35		95 kg

APPROACH BRIDGE INSPECTION WALKWAY G4 IN4-36										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2		L	65* 65* 6	2305	5.910	13.6	27	SS400		HDG
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG
1		L	65* 65* 6	2058	5.910	12.2	12	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG
1		EXP	600	2265	14.50	19.7	20	XG11		HDG
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG
								IN4-36		95 kg
								3@ IN4-36		285 kg

APPROACH BRIDGE INSPECTION WALKWAY G4 IN4-37										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks

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2		L	65* 65* 6	2314	5.910	13.7	27	SS400		HDG
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG
1		L	65* 65* 6	2067	5.910	12.2	12	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG
1		EXP	600	2274	14.50	19.8	20	XG11		HDG
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG
IN4-37										
95 kg										

APPROACH BRIDGE INSPECTION WALKWAY G4 IN4-38										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2		L	65* 65* 6	2314	5.910	13.7	27	SS400		HDG
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG
1		L	65* 65* 6	2067	5.910	12.2	12	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG
1		EXP	600	2274	14.50	19.8	20	XG11		HDG
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG
IN4-38										
95 kg										

APPROACH BRIDGE INSPECTION WALKWAY G4 IN4-39										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2		L	65* 65* 6	2314	5.910	13.7	27	SS400		HDG
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG
1		L	65* 65* 6	2067	5.910	12.2	12	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG
1		EXP	600	2274	14.50	19.8	20	XG11		HDG
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG
IN4-39										
95 kg										

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APPROACH BRIDGE INSPECTION WALKWAY G4 IN4-40										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2		L	65* 65* 6	2316	5.910	13.7	27	SS400		HDG
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG
1		L	65* 65* 6	2069	5.910	12.2	12	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG
1		EXP	600	2276	14.50	19.8	20	XG11		HDG
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG
							IN4-40	95 kg		

APPROACH BRIDGE INSPECTION WALKWAY G4 IN4-41										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2		L	65* 65* 6	2317	5.910	13.7	27	SS400		HDG
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG
1		L	65* 65* 6	2070	5.910	12.2	12	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG
1		EXP	600	2277	14.50	19.8	20	XG11		HDG
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG
							IN4-41	95 kg		
							24@ IN4-41	2280 kg		

APPROACH BRIDGE INSPECTION WALKWAY G4 IN4-42										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2		L	65* 65* 6	2320	5.910	13.7	27	SS400		HDG
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG
1		L	65* 65* 6	2073	5.910	12.3	12	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG
1		EXP	600	2280	14.50	19.8	20	XG11		HDG

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2		BN	M 12* 35			0.073	1	SS400		2-W,HDG
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG
IN4-42										95 kg

APPROACH BRIDGE INSPECTION WALKWAY G4 IN4-43										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2		L	65* 65* 6	2322	5.910	13.7	27	SS400		HDG
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG
1		L	65* 65* 6	2075	5.910	12.3	12	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG
1		EXP		600	2282	14.50	19.9	20	XG11	HDG
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG
IN4-43										95 kg

APPROACH BRIDGE INSPECTION WALKWAY G4 IN4-44										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2		L	65* 65* 6	2342	5.910	13.8	28	SS400		HDG
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG
1		L	65* 65* 6	2095	5.910	12.4	12	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG
1		EXP		600	2302	14.50	20.0	20	XG11	HDG
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG
IN4-44										96 kg

APPROACH BRIDGE INSPECTION WALKWAY G4 IN4-45										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2		L	65* 65* 6	2342	5.910	13.8	28	SS400		HDG
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG

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1		L	65* 65* 6	2095	5.910	12.4	12	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG
1		EXP		600	2302	14.50	20	XG11		HDG
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG
								IN4-45		96 kg
								13@ IN4-45		1248 kg

APPROACH BRIDGE INSPECTION WALKWAY G4 IN4-46										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2		L	65* 65* 6	2343	5.910	13.8	28	SS400		HDG
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG
1		L	65* 65* 6	2096	5.910	12.4	12	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG
1		EXP		600	2303	14.50	20	XG11		HDG
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG
								IN4-46		96 kg

APPROACH BRIDGE INSPECTION WALKWAY G4 IN4-47										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2		L	65* 65* 6	2343	5.910	13.8	28	SS400		HDG
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG
1		L	65* 65* 6	2096	5.910	12.4	12	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG
1		EXP		600	2303	14.50	20	XG11		HDG
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG
								IN4-47		96 kg

APPROACH BRIDGE INSPECTION WALKWAY G4 IN4-48										
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Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2		L	65* 65* 6	2350	5.910	13.9	28	SS400		HDG
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG
1		L	65* 65* 6	2103	5.910	12.4	12	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG
1		EXP		600 2310	14.50	20.1	20	XG11		HDG
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG
							IN4-48	96 kg		

APPROACH BRIDGE INSPECTION WALKWAY G4 IN4-49										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2		L	65* 65* 6	2350	5.910	13.9	28	SS400		HDG
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG
1		L	65* 65* 6	2103	5.910	12.4	12	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG
1		EXP		600 2310	14.50	20.1	20	XG11		HDG
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG
							IN4-49	96 kg		

APPROACH BRIDGE INSPECTION WALKWAY G4 IN4-50										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2		L	65* 65* 6	2350	5.910	13.9	28	SS400		HDG
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG
1		L	65* 65* 6	2103	5.910	12.4	12	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG
1		EXP		600 2310	14.50	20.1	20	XG11		HDG
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG

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IN4-50	96 kg
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APPROACH BRIDGE INSPECTION WALKWAY G4 IN4-51										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2		L	65* 65* 6	2350	5.910	13.9	28	SS400		HDG
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG
1		L	65* 65* 6	2103	5.910	12.4	12	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG
1		EXP		600	2310	14.50	20.1	20	XG11	HDG
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG
IN4-51							96 kg			

APPROACH BRIDGE INSPECTION WALKWAY G4 IN4-52										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2		L	65* 65* 6	2350	5.910	13.9	28	SS400		HDG
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG
1		L	65* 65* 6	2103	5.910	12.4	12	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG
1		EXP		600	2310	14.50	20.1	20	XG11	HDG
2		BN	M 12* 35			0.073	1	SS400		2-W,HDG
2		BN	M 12* 40			0.077	1	SS400		2-W,HDG
10		BN	M 12* 35			0.073	1	SS400		2-W,HDG
IN4-52							96 kg			

APPROACH BRIDGE INSPECTION WALKWAY G4 IN4-53										
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks
2		L	65* 65* 6	2351	5.910	13.9	28	SS400		HDG
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG
1		L	65* 65* 6	2104	5.910	12.4	12	SS400		HDG
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG

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1		EXP		600	2311	14.50	20.1	20	XG11		HDG
2		BN	M 12* 35				0.073	1	SS400		2-W,HDG
2		BN	M 12* 40				0.077	1	SS400		2-W,HDG
10		BN	M 12* 35				0.073	1	SS400		2-W,HDG
								IN4-53		96 kg	

APPROACH BRIDGE INSPECTION WALKWAY G4 IN4-54											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2		L	65* 65* 6	2351	5.910	13.9	28	SS400		HDG	
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG	
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG	
1		L	65* 65* 6	2104	5.910	12.4	12	SS400		HDG	
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG	
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG	
1		EXP		600	2311	14.50	20.1	20	XG11	HDG	
2		BN	M 12* 35				0.073	1	SS400	2-W,HDG	
2		BN	M 12* 40				0.077	1	SS400	2-W,HDG	
10		BN	M 12* 35				0.073	1	SS400	2-W,HDG	
								IN4-54		96 kg	

APPROACH BRIDGE INSPECTION WALKWAY G4 IN4-55											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2		L	65* 65* 6	2351	5.910	13.9	28	SS400		HDG	
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG	
4		L	65* 65* 6	900	5.910	5.32	21	SS400		HDG	
1		L	65* 65* 6	2104	5.910	12.4	12	SS400		HDG	
2		FB	65* 6	1231	3.060	3.77	8	SS400		HDG	
2		FB	65* 6	545	3.060	1.67	3	SS400		HDG	
1		EXP		600	2311	14.50	20.1	20	XG11	HDG	
2		BN	M 12* 35				0.073	1	SS400	2-W,HDG	
2		BN	M 12* 40				0.077	1	SS400	2-W,HDG	
10		BN	M 12* 35				0.073	1	SS400	2-W,HDG	
								IN4-55		96 kg	

APPROACH BRIDGE INSPECTION WALKWAY G4 IN4-56											
Q'ty	Item	Category	Dimension of Section	Length	LengthUnit Weight	Piece Weight	Weight	Weight	Net	Remarks	
2		L	65* 65* 6	2401	5.910	14.2	28	SS400		HDG	
2		L	65* 65* 6	65	5.910	0.384	1	SS400		HDG	

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4	L	65* 65* 6	900	5.910	5.32	21	SS400	HDG
1	L	65* 65* 6	2154	5.910	12.7	13	SS400	HDG
2	FB	65* 6	1231	3.060	3.77	8	SS400	HDG
2	FB	65* 6	545	3.060	1.67	3	SS400	HDG
1	EXP	600	2361	14.50	20.5	20	XG11	HDG
2	BN	M 12* 35			0.073	1	SS400	2-W,HDG
2	BN	M 12* 40			0.077	1	SS400	2-W,HDG
10	BN	M 12* 35			0.073	1	SS400	2-W,HDG
IN4-56							97 kg	
G4							10259 kg	
INSPECTION WALKWAY							41128 kg	
APPROACH BRIDGE							41128 kg	

Caluculation of Steel Primer

(Unit: mm, m²)

APPROACH BRIDGE CROSS GIRDER SPLICE C10 HL1HS													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	DECK	PL	1174* 16	1120		2.63	B	1.31	D	1.31			
1	DECK	PL	1174* 16	7330		17.21	B	8.61	D	8.61			
3	RIB1	PL	750* 24	8329	45	16.87	B	16.87					
1	END	PL	260* 10	1120		0.58	B	0.58					
1	ST-W	PL	900* 9	8415	50	7.57	B	7.57					
1	ST-F	PL	100* 10	8461		1.69	B	1.69					
1	COV	PL	250* 19	362		0.18	C	0.18					DRAINAGE
2		PL	50* 19	362		0.07	C	0.04	D	0.04			
2		PL	50* 19	288		0.06	C	0.03	D	0.03			
1		PL	308* 16	420		0.26							
1	DOUBL	PL	588* 16	700		0.82							
1		PL	210* 16	250		0.11	B	0.05	C	0.05			
2		PL	165* 10	229		0.15	B	0.08	C	0.08			
2		PL	157* 10	322		0.20	B	0.10	C	0.10			
6		PL	25* 10	30		0.01	B		C				
1		チエーン	5* 18* 42*250										
1	PIPE	STK	165.2* 4.5	530		0.26							HDG
GE1-J1							B	36.86	C	0.48	D	9.99	

APPROACH BRIDGE DECK PL LL1-JL1 J1-J2													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	DECK	PL	1175* 16	8319		19.55	A	9.77	D	9.77			
3	RIB1	PL	250* 24	8296		12.44	A	12.44					
1	ST-W	PL	400* 9	8317		6.65	A	6.65					
1	ST-F	PL	100* 10	8309		1.66	A	1.66					
1	K-DECK	PL	550* 16	1700		1.87	A	1.87					LIGHTING POST
1	K-WEB	PL	284* 12	2138		1.21	A	1.21					
2	K-RIB	PL	287* 12	559		0.64	A	0.64					
1	K-RIB	PL	364* 12	559		0.41	A	0.41					
1	K-FLG	PL	200* 12	474		0.19	A	0.19					
J1-J2							A	34.84	D	9.77			

APPROACH BRIDGE DECK PL LL1-JL1 J2-J3													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	DECK	PL	1174* 16	8357		19.62	A	9.81	D	9.81			
3	RIB1	PL	250* 24	8334		12.50	A	12.50					
1	ST-W	PL	400* 9	8355		6.68	A	6.68					

Caluculation of Steel Primer

(Unit: mm, m²)

1	ST-F	PL	100* 10	8347		1.67	A	1.67										
1	COV	PL	250* 19	362		0.18	C	0.18										DRAINAGE
2		PL	50* 19	362		0.07	C	0.04	D	0.04								
2		PL	50* 19	288		0.06	C	0.03	D	0.03								
1		PL	308* 16	420		0.26												
1	DOUBL	PL	588* 16	700		0.82												
1		PL	210* 16	250		0.11	A	0.05	C	0.05								
2		PL	165* 10	229		0.15	A	0.08	C	0.08								
2		PL	157* 10	322		0.20	A	0.10	C	0.10								
6		PL	25* 10	30		0.01	A		C									
1		チーソ	5* 18* 42*250															
1	PIPE	STK	165.2* 4.5	530		0.26												HDG
							J2-J3	A	30.89	C	0.48	D	9.88					

APPROACH BRIDGE DECK PL LL1-JL1 J3-J4																		
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks					
1	DECK	PL	1175* 16	8307		19.52	A	9.76	D	9.76								
3	RIB1	PL	250* 24	8283		12.42	A	12.42										
1	ST-W	PL	400* 9	8304		6.64	A	6.64										
1	ST-F	PL	100* 10	8297		1.66	A	1.66										
							J3-J4	A	30.48	D	9.76							

APPROACH BRIDGE DECK PL LL1-JL1 J4-J5																		
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks					
1	DECK	PL	1174* 16	8407		19.74	A	9.87	D	9.87								
3	RIB1	PL	250* 24	8384		12.58	A	12.58										
1	ST-W	PL	400* 9	8404		6.72	A	6.72										
1	ST-F	PL	100* 10	8397		1.68	A	1.68										
1	COV	PL	250* 19	362		0.18	C	0.18										DRAINAGE
2		PL	50* 19	362		0.07	C	0.04	D	0.04								
2		PL	50* 19	288		0.06	C	0.03	D	0.03								
1		PL	308* 16	420		0.26												
1	DOUBL	PL	588* 16	700		0.82												
1		PL	210* 16	250		0.11	A	0.05	C	0.05								
2		PL	165* 10	229		0.15	A	0.08	C	0.08								
2		PL	157* 10	322		0.20	A	0.10	C	0.10								
6		PL	25* 10	30		0.01	A		C									
1		チーソ	5* 18* 42*250															
1	PIPE	STK	165.2* 4.5	530		0.26												HDG

Caluculation of Steel Primer

(Unit: mm, m²)

J4-J5				A	31.08	C	0.48	D	9.94			
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APPROACH BRIDGE DECK PL LL1-JL1 J5-J6

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	DECK	PL	1175* 16	8357		19.64	A	9.82	D	9.82				
3	RIB1	PL	250* 24	8333		12.50	A	12.50						
1	ST-W	PL	400* 9	8354		6.68	A	6.68						
1	ST-F	PL	100* 10	8347		1.67	A	1.67						
1	K-DECK	PL	550* 16	1700		1.87	A	1.87						LIGHTING POST
1	K-WEB	PL	284* 12	2138		1.21	A	1.21						
2	K-RIB	PL	287* 12	559		0.64	A	0.64						
1	K-RIB	PL	364* 12	559		0.41	A	0.41						
1	K-FLG	PL	200* 12	474		0.19	A	0.19						
J5-J6				A	34.99	D	9.82							

APPROACH BRIDGE DECK PL LL1-JL1 J6-J7

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	DECK	PL	1174* 16	8357		19.62	A	9.81	D	9.81				
3	RIB1	PL	250* 24	8333		12.50	A	12.50						
1	ST-W	PL	400* 9	8353		6.68	A	6.68						
1	ST-F	PL	100* 10	8347		1.67	A	1.67						
J6-J7				A	30.66	D	9.81							

APPROACH BRIDGE DECK PL LL1-JL1 J7-J8

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	DECK	PL	1175* 16	8357		19.64	A	9.82	D	9.82				
3	RIB1	PL	250* 24	8333		12.50	A	12.50						
1	ST-W	PL	400* 9	8353		6.68	A	6.68						
1	ST-F	PL	100* 10	8346		1.67	A	1.67						
1	COV	PL	250* 19	362		0.18	C	0.18						DRAINAGE
2		PL	50* 19	362		0.07	C	0.04	D	0.04				
2		PL	50* 19	288		0.06	C	0.03	D	0.03				
1		PL	308* 16	420		0.26								
1	DOUBL	PL	588* 16	700		0.82								
1		PL	210* 16	250		0.11	A	0.05	C	0.05				
2		PL	165* 10	229		0.15	A	0.08	C	0.08				
2		PL	157* 10	322		0.20	A	0.10	C	0.10				
6		PL	25* 10	30		0.01	A		C					
1		チエ-ソ	5* 18* 42*250											

Calculation of Steel Primer

(Unit: mm, m²)

1	PIPE	STK	165.2* 4.5	530	0.26									HDG
J7-J8					A	30.90	C	0.48	D	9.89				

APPROACH BRIDGE DECK PL LL1-JL1 J8-J9

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
							A	D						
1	DECK	PL	1173* 16	7025		16.48	A	8.24	D	8.24				
3	RIB1	PL	250* 24	7002		10.50	A	10.50						
1	ST-W	PL	400* 9	7021		5.62	A	5.62						
1	ST-F	PL	100* 10	7014		1.40	A	1.40						
J8-J9					A	25.76	D	8.24						

APPROACH BRIDGE DECK PL LL1-JL1 J9-J10

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
							A	D						
1	DECK	PL	1172* 16	5890		13.81	A	6.90	D	6.90				
3	RIB1	PL	250* 24	5868		8.80	A	8.80						
1	ST-W	PL	400* 9	5886		4.71	A	4.71						
1	ST-F	PL	100* 10	5880		1.18	A	1.18						
1	K-DECK	PL	550* 16	1700		1.87	A	1.87						LIGHTING POST
1	K-WEB	PL	284* 12	2138		1.21	A	1.21						
2	K-RIB	PL	287* 12	559		0.64	A	0.64						
1	K-RIB	PL	364* 12	559		0.41	A	0.41						
1	K-FLG	PL	200* 12	474		0.19	A	0.19						
1	COV	PL	250* 19	362		0.18	C	0.18						DRAINAGE
2		PL	50* 19	362		0.07	C	0.04	D	0.04				
2		PL	50* 19	288		0.06	C	0.03	D	0.03				
1		PL	308* 16	420		0.26								
1	DOUBL	PL	588* 16	700		0.82								
1		PL	210* 16	250		0.11	A	0.05	C	0.05				
2		PL	165* 10	229		0.15	A	0.08	C	0.08				
2		PL	157* 10	322		0.20	A	0.10	C	0.10				
6		PL	25* 10	30		0.01	A		C					
1		チエ-ソ	5* 18* 42*250											
1	PIPE	STK	165.2* 4.5	530	0.26									HDG
J9-J10					A	26.14	C	0.48	D	6.97				

APPROACH BRIDGE DECK PL LL1-JL1 J10-J11

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
							A	D						
1	DECK	PL	1173* 16	7134		16.74	A	8.37	D	8.37				

Caluculation of Steel Primer

(Unit: mm, m²)

3	RIB1	PL	250* 24	7111		10.67	A	10.67						
1	ST-W	PL	400* 9	7130		5.70	A	5.70						
1	ST-F	PL	100* 10	7124		1.42	A	1.42						
J10-J11							A	26.16	D	8.37				

APPROACH BRIDGE DECK PL LL1-JL1 J11-J12														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	DECK	PL	1175* 16	8444		19.84	A	9.92	D	9.92				
3	RIB1	PL	250* 24	8421		12.63	A	12.63						
1	ST-W	PL	400* 9	8440		6.75	A	6.75						
1	ST-F	PL	100* 10	8434		1.69	A	1.69						
1	COV	PL	250* 19	362		0.18	C	0.18						DRAINAGE
2		PL	50* 19	362		0.07	C	0.04	D	0.04				
2		PL	50* 19	288		0.06	C	0.03	D	0.03				
1		PL	308* 16	420		0.26								
1	DOUBL	PL	588* 16	700		0.82								
1		PL	210* 16	250		0.11	A	0.05	C	0.05				
2		PL	165* 10	229		0.15	A	0.08	C	0.08				
2		PL	157* 10	322		0.20	A	0.10	C	0.10				
6		PL	25* 10	30		0.01	A		C					
1		チエ-ソ	5* 18* 42*250											
1	PIPE	STK	165.2* 4.5	530		0.26								HDG
J11-J12							A	31.22	C	0.48	D	9.99		

APPROACH BRIDGE DECK PL LL1-JL1 J12-J13														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	DECK	PL	1174* 16	8444		19.83	A	9.91	D	9.91				
3	RIB1	PL	250* 24	8421		12.63	A	12.63						
1	ST-W	PL	400* 9	8439		6.75	A	6.75						
1	ST-F	PL	100* 10	8434		1.69	A	1.69						
J12-J13							A	30.98	D	9.91				

APPROACH BRIDGE DECK PL LL1-JL1 J13-J14														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	DECK	PL	1173* 16	7238		16.98	A	8.49	D	8.49				
3	RIB1	PL	250* 24	7215		10.82	A	10.82						
1	ST-W	PL	400* 9	7233		5.79	A	5.79						
1	ST-F	PL	100* 10	7228		1.45	A	1.45						

Caluculation of Steel Primer

(Unit: mm, m²)

1	K-DECK	PL	550* 16	1700		1.87	A	1.87										LIGHTING POST
1	K-WEB	PL	284* 12	2138		1.21	A	1.21										
2	K-RIB	PL	287* 12	559		0.64	A	0.64										
1	K-RIB	PL	364* 12	559		0.41	A	0.41										
1	K-FLG	PL	200* 12	474		0.19	A	0.19										
1	COV	PL	250* 19	362		0.18	C	0.18										DRAINAGE
2		PL	50* 19	362		0.07	C	0.04	D	0.04								
2		PL	50* 19	288		0.06	C	0.03	D	0.03								
1		PL	308* 16	420		0.26												
1	DOUBL	PL	588* 16	700		0.82												
1		PL	210* 16	250		0.11	A	0.05	C	0.05								
2		PL	165* 10	229		0.15	A	0.08	C	0.08								
2		PL	157* 10	322		0.20	A	0.10	C	0.10								
6		PL	25* 10	30		0.01	A		C									
1		チエ-ソ	5* 18* 42*250															
1	PIPE	STK	165.2* 4.5	530		0.26												HDG
							J13-J14	A	31.10	C	0.48	D	8.56					

APPROACH BRIDGE DECK PL LL1-JL1 J14-J15																		
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks					
1	DECK	PL	1175* 16	8444		19.84	A	9.92	D	9.92								
3	RIB1	PL	250* 24	8421		12.63	A	12.63										
1	ST-W	PL	400* 9	8439		6.75	A	6.75										
1	ST-F	PL	100* 10	8434		1.69	A	1.69										
							J14-J15	A	30.99	D	9.92							

APPROACH BRIDGE DECK PL LL1-JL1 J15-J16																		
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks					
1	DECK	PL	1173* 16	7238		16.98	A	8.49	D	8.49								
3	RIB1	PL	250* 24	7215		10.82	A	10.82										
1	ST-W	PL	400* 9	7232		5.79	A	5.79										
1	ST-F	PL	100* 10	7228		1.45	A	1.45										
							J15-J16	A	26.55	D	8.49							

APPROACH BRIDGE DECK PL LL1-JL1 J16-J17																		
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks					
1	DECK	PL	1174* 16	8444		19.83	A	9.91	D	9.91								
3	RIB1	PL	250* 24	8421		12.63	A	12.63										

Caluculation of Steel Primer

(Unit: mm, m²)

1	ST-W	PL	400* 9	8438		6.75	A	6.75					
1	ST-F	PL	100* 10	8434		1.69	A	1.69					
1	COV	PL	250* 19	362		0.18	C	0.18					DRAINAGE
2		PL	50* 19	362		0.07	C	0.04	D	0.04			
2		PL	50* 19	288		0.06	C	0.03	D	0.03			
1		PL	308* 16	420		0.26							
1	DOUBL	PL	588* 16	700		0.82							
1		PL	210* 16	250		0.11	A	0.05	C	0.05			
2		PL	165* 10	229		0.15	A	0.08	C	0.08			
2		PL	157* 10	322		0.20	A	0.10	C	0.10			
6		PL	25* 10	30		0.01	A		C				
1		チエーン	5* 18* 42*250										
1	PIPE	STK	165.2* 4.5	530		0.26							HDG
J16-J17							A	31.21	C	0.48	D	9.98	

APPROACH BRIDGE DECK PL LL1-JL1 J17-J18													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	DECK	PL	1175* 16	8444		19.84	A	9.92	D	9.92			
3	RIB1	PL	250* 24	8421		12.63	A	12.63					
1	ST-W	PL	400* 9	8438		6.75	A	6.75					
1	ST-F	PL	100* 10	8434		1.69	A	1.69					
1	K-DECK	PL	550* 16	1700		1.87	A	1.87					LIGHTING POST
1	K-WEB	PL	284* 12	2138		1.21	A	1.21					
2	K-RIB	PL	287* 12	559		0.64	A	0.64					
1	K-RIB	PL	364* 12	559		0.41	A	0.41					
1	K-FLG	PL	200* 12	474		0.19	A	0.19					
J17-J18							A	35.31	D	9.92			

APPROACH BRIDGE DECK PL LL1-JL1 J18-J19													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	DECK	PL	1173* 16	6883		16.15	A	8.07	D	8.07			
3	RIB1	PL	250* 24	6860		10.29	A	10.29					
1	ST-W	PL	400* 9	6877		5.50	A	5.50					
1	ST-F	PL	100* 10	6873		1.37	A	1.37					
1	COV	PL	250* 19	362		0.18	C	0.18					DRAINAGE
2		PL	50* 19	362		0.07	C	0.04	D	0.04			
2		PL	50* 19	288		0.06	C	0.03	D	0.03			
1		PL	308* 16	420		0.26							
1	DOUBL	PL	588* 16	700		0.82							
1		PL	210* 16	250		0.11	A	0.05	C	0.05			

Caluculation of Steel Primer

(Unit: mm, m²)

2		PL	165* 10	229		0.15	A	0.08	C	0.08				
2		PL	157* 10	322		0.20	A	0.10	C	0.10				
6		PL	25* 10	30		0.01	A		C					
1		チエ-ン	5* 18* 42*250											
1	PIPE	STK	165.2* 4.5	530		0.26								HDG
							J18-J19	A	25.46	C	0.48	D	8.14	

APPROACH BRIDGE DECK PL LL1-JL1 J19-J20														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	DECK	PL	1173* 16	6226		14.61	A	7.30	D	7.30				
3	RIB1	PL	250* 24	6203		9.30	A	9.30						
1	ST-W	PL	400* 9	6220		4.98	A	4.98						
1	ST-F	PL	100* 10	6216		1.24	A	1.24						
1	COV	PL	250* 19	362		0.18	C	0.18						DRAINAGE
2		PL	50* 19	362		0.07	C	0.04	D	0.04				
2		PL	50* 19	288		0.06	C	0.03	D	0.03				
1		PL	308* 16	420		0.26								
1	DOUBL	PL	588* 16	700		0.82								
1		PL	210* 16	250		0.11	A	0.05	C	0.05				
2		PL	165* 10	229		0.15	A	0.08	C	0.08				
2		PL	157* 10	322		0.20	A	0.10	C	0.10				
6		PL	25* 10	30		0.01	A		C					
1		チエ-ン	5* 18* 42*250											
1	PIPE	STK	165.2* 4.5	530		0.26								HDG
							J19-J20	A	23.05	C	0.48	D	7.37	

APPROACH BRIDGE DECK PL LL1-JL1 J20-J21														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	DECK	PL	1173* 16	6530		15.32	A	7.66	D	7.66				
3	RIB1	PL	250* 24	6508		9.76	A	9.76						
1	ST-W	PL	400* 9	6524		5.22	A	5.22						
1	ST-F	PL	100* 10	6520		1.30	A	1.30						
1	COV	PL	250* 19	362		0.18	C	0.18						DRAINAGE
2		PL	50* 19	362		0.07	C	0.04	D	0.04				
2		PL	50* 19	288		0.06	C	0.03	D	0.03				
1		PL	308* 16	420		0.26								
1	DOUBL	PL	588* 16	700		0.82								
1		PL	210* 16	250		0.11	A	0.05	C	0.05				
2		PL	165* 10	229		0.15	A	0.08	C	0.08				
2		PL	157* 10	322		0.20	A	0.10	C	0.10				

Caluculation of Steel Primer

(Unit: mm, m²)

6		PL	25* 10	30		0.01	A		C						
1		チエーン	5* 18* 42*250												
1	PIPE	STK	165.2* 4.5	530		0.26									HDG
J20-J21							A	24.17	C	0.48	D	7.73			

APPROACH BRIDGE DECK PL LL1-JL1 J21-J22															
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks		
1	DECK	PL	1173* 16	7087		16.63	A	8.31	D	8.31					
3	RIB1	PL	250* 24	7064		10.60	A	10.60							
1	ST-W	PL	400* 9	7080		5.66	A	5.66							
1	ST-F	PL	100* 10	7077		1.42	A	1.42							
1	COV	PL	250* 19	362		0.18	C	0.18							DRAINAGE
2		PL	50* 19	362		0.07	C	0.04	D	0.04					
2		PL	50* 19	288		0.06	C	0.03	D	0.03					
1		PL	308* 16	420		0.26									
1	DOUBL	PL	588* 16	700		0.82									
1		PL	210* 16	250		0.11	A	0.05	C	0.05					
2		PL	165* 10	229		0.15	A	0.08	C	0.08					
2		PL	157* 10	322		0.20	A	0.10	C	0.10					
6		PL	25* 10	30		0.01	A		C						
1		チエーン	5* 18* 42*250												
1	PIPE	STK	165.2* 4.5	530		0.26									HDG
J21-J22							A	26.22	C	0.48	D	8.38			

APPROACH BRIDGE DECK PL LL1-JL1 J22-J23															
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks		
1	DECK	PL	1174* 16	8268		19.41	A	9.71	D	9.71					
3	RIB1	PL	250* 24	8244		12.37	A	12.37							
1	ST-W	PL	400* 9	8261		6.61	A	6.61							
1	ST-F	PL	100* 10	8258		1.65	A	1.65							
1	K-DECK	PL	550* 16	1700		1.87	A	1.87							LIGHTING POST
1	K-WEB	PL	284* 12	2138		1.21	A	1.21							
2	K-RIB	PL	287* 12	559		0.64	A	0.64							
1	K-RIB	PL	364* 12	559		0.41	A	0.41							
1	K-FLG	PL	200* 12	474		0.19	A	0.19							
1	COV	PL	250* 19	362		0.18	C	0.18							DRAINAGE
2		PL	50* 19	362		0.07	C	0.04	D	0.04					
2		PL	50* 19	288		0.06	C	0.03	D	0.03					
1		PL	308* 16	420		0.26									
1	DOUBL	PL	588* 16	700		0.82									

Caluculation of Steel Primer

(Unit: mm, m²)

1		PL	210* 16	250	0.11	A	0.05	C	0.05				
2		PL	165* 10	229	0.15	A	0.08	C	0.08				
2		PL	157* 10	322	0.20	A	0.10	C	0.10				
6		PL	25* 10	30	0.01	A		C					
1		チエーン	5* 18* 42*250										
1	PIPE	STK	165.2* 4.5	530	0.26								HDG
J22-J23						A	34.89	C	0.48	D	9.78		

APPROACH BRIDGE DECK PL LL1-JL1 J23-J24													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	DECK	PL	1174* 16	8268		19.41	A	9.71	D	9.71			
3	RIB1	PL	250* 24	8244		12.37	A	12.37					
1	ST-W	PL	400* 9	8261		6.61	A	6.61					
1	ST-F	PL	100* 10	8258		1.65	A	1.65					
1	COV	PL	250* 19	362		0.18	C	0.18					DRAINAGE
2		PL	50* 19	362		0.07	C	0.04	D	0.04			
2		PL	50* 19	288		0.06	C	0.03	D	0.03			
1		PL	308* 16	420		0.26							
1	DOUBL	PL	588* 16	700		0.82							
1		PL	210* 16	250		0.11	A	0.05	C	0.05			
2		PL	165* 10	229		0.15	A	0.08	C	0.08			
2		PL	157* 10	322		0.20	A	0.10	C	0.10			
6		PL	25* 10	30		0.01	A		C				
1		チエーン	5* 18* 42*250										
1	PIPE	STK	165.2* 4.5	530	0.26								HDG
J23-J24						A	30.57	C	0.48	D	9.78		

APPROACH BRIDGE DECK PL LL1-JL1 J24-J25													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	DECK	PL	1174* 16	8187		19.22	A	9.61	D	9.61			
3	RIB1	PL	250* 24	8164		12.25	A	12.25					
1	ST-W	PL	400* 9	8180		6.54	A	6.54					
1	ST-F	PL	100* 10	8177		1.64	A	1.64					
1	COV	PL	250* 19	362		0.18	C	0.18					DRAINAGE
2		PL	50* 19	362		0.07	C	0.04	D	0.04			
2		PL	50* 19	288		0.06	C	0.03	D	0.03			
1		PL	308* 16	420		0.26							
1	DOUBL	PL	588* 16	700		0.82							
1		PL	210* 16	250		0.11	A	0.05	C	0.05			
2		PL	165* 10	229		0.15	A	0.08	C	0.08			

Caluculation of Steel Primer

(Unit: mm, m²)

2		PL	157* 10	322		0.20	A	0.10	C	0.10				
6		PL	25* 10	30		0.01	A		C					
1		チェーン	5* 18* 42*250											
1	PIPE	STK	165.2* 4.5	530		0.26								HDG
J24-J25							A	30.27	C	0.48	D	9.68		

APPROACH BRIDGE DECK PL LL1-JL1 J25-J26														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	DECK	PL	1185* 16	8432		19.98	A	9.99	D	9.99				
3	RIB1	PL	250* 24	8408		12.61	A	12.61						
1	ST-W	PL	400* 9	8424		6.74	A	6.74						
1	ST-F	PL	100* 10	8422		1.68	A	1.68						
1	COV	PL	250* 19	362		0.18	C	0.18						DRAINAGE
2		PL	50* 19	362		0.07	C	0.04	D	0.04				
2		PL	50* 19	288		0.06	C	0.03	D	0.03				
1		PL	308* 16	420		0.26								
1	DOUBL	PL	588* 16	700		0.82								
1		PL	210* 16	250		0.11	A	0.05	C	0.05				
2		PL	165* 10	229		0.15	A	0.08	C	0.08				
2		PL	157* 10	322		0.20	A	0.10	C	0.10				
6		PL	25* 10	30		0.01	A		C					
1		チェーン	5* 18* 42*250											
1	PIPE	STK	165.2* 4.5	530		0.26								HDG
J25-J26							A	31.25	C	0.48	D	10.06		

APPROACH BRIDGE DECK PL LL1-JL1 J26-J27														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	DECK	PL	1185* 16	7925		18.78	A	9.39	D	9.39				
3	RIB1	PL	250* 24	7898		11.85	A	11.85						
1	ST-W	PL	400* 9	7901		6.32	A	6.32						
1	ST-F	PL	100* 10	7899		1.58	A	1.58						
1	K-DECK	PL	550* 16	1700		1.87	A	1.87						LIGHTING POST
1	K-WEB	PL	284* 12	2138		1.21	A	1.21						
2	K-RIB	PL	287* 12	559		0.64	A	0.64						
1	K-RIB	PL	364* 12	559		0.41	A	0.41						
1	K-FLG	PL	200* 12	474		0.19	A	0.19						
1	COV	PL	250* 19	362		0.18	C	0.18						DRAINAGE
2		PL	50* 19	362		0.07	C	0.04	D	0.04				
2		PL	50* 19	288		0.06	C	0.03	D	0.03				
1		PL	308* 16	420		0.26								

Calculation of Steel Primer

(Unit: mm, m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
1	DOUBL	PL	588* 16	700		0.82							
1		PL	210* 16	250		0.11	A	0.05	C	0.05			
2		PL	165* 10	229		0.15	A	0.08	C	0.08			
2		PL	157* 10	322		0.20	A	0.10	C	0.10			
6		PL	25* 10	30		0.01	A		C				
1		チエーン	5* 18* 42*250										
1	PIPE	STK	165.2* 4.5	530		0.26						HDG	
J26-J27							A	33.69	C	0.48	D	9.46	

APPROACH BRIDGE DECK PL LL1-JL1 J27-J28													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
1	DECK	PL	1170* 16	7058		16.52	A	8.26	D	8.26			
3	RIB1	PL	250* 24	7037		10.56	A	10.56					
1	ST-W	PL	400* 9	7050		5.64	A	5.64					
1	ST-F	PL	100* 10	7048		1.41	A	1.41					
1	COV	PL	250* 19	362		0.18	C	0.18				DRAINAGE	
2		PL	50* 19	362		0.07	C	0.04	D	0.04			
2		PL	50* 19	288		0.06	C	0.03	D	0.03			
1		PL	308* 16	420		0.26							
1	DOUBL	PL	588* 16	700		0.82							
1		PL	210* 16	250		0.11	A	0.05	C	0.05			
2		PL	165* 10	229		0.15	A	0.08	C	0.08			
2		PL	157* 10	322		0.20	A	0.10	C	0.10			
6		PL	25* 10	30		0.01	A		C				
1		チエーン	5* 18* 42*250										
1	PIPE	STK	165.2* 4.5	530		0.26						HDG	
J27-J28							A	26.10	C	0.48	D	8.33	

APPROACH BRIDGE DECK PL LL1-JL1 J28-J29												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	DECK	PL	1170* 16	7099		16.61	A	8.31	D	8.31		
3	RIB1	PL	250* 24	7078		10.62	A	10.62				
1	ST-W	PL	400* 9	7091		5.67	A	5.67				
1	ST-F	PL	100* 10	7089		1.42	A	1.42				
1	COV	PL	250* 19	362		0.18	C	0.18				DRAINAGE
2		PL	50* 19	362		0.07	C	0.04	D	0.04		
2		PL	50* 19	288		0.06	C	0.03	D	0.03		
1		PL	308* 16	420		0.26						
1	DOUBL	PL	588* 16	700		0.82						
1		PL	210* 16	250		0.11	A	0.05	C	0.05		

Caluculation of Steel Primer

(Unit: mm, m²)

2		PL	165* 10	229		0.15	A	0.08	C	0.08				
2		PL	157* 10	322		0.20	A	0.10	C	0.10				
6		PL	25* 10	30		0.01	A		C					
1		チエ-ン	5* 18* 42*250											
1	PIPE	STK	165.2* 4.5	530		0.26								HDG
J28-J29							A	26.25	C	0.48	D	8.38		

APPROACH BRIDGE DECK PL LL1-JL1 J29-J30														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	DECK	PL	1170* 16	8397		19.65	A	9.82	D	9.82				
3	RIB1	PL	250* 24	8376		12.56	A	12.56						
1	ST-W	PL	400* 9	8388		6.71	A	6.71						
1	ST-F	PL	100* 10	8387		1.68	A	1.68						
1	COV	PL	250* 19	362		0.18	C	0.18						DRAINAGE
2		PL	50* 19	362		0.07	C	0.04	D	0.04				
2		PL	50* 19	288		0.06	C	0.03	D	0.03				
1		PL	308* 16	420		0.26								
1	DOUBL	PL	588* 16	700		0.82								
1		PL	210* 16	250		0.11	A	0.05	C	0.05				
2		PL	165* 10	229		0.15	A	0.08	C	0.08				
2		PL	157* 10	322		0.20	A	0.10	C	0.10				
6		PL	25* 10	30		0.01	A		C					
1		チエ-ン	5* 18* 42*250											
1	PIPE	STK	165.2* 4.5	530		0.26								HDG
J29-J30							A	31.00	C	0.48	D	9.89		

APPROACH BRIDGE DECK PL LL1-JL1 J30-J31														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	DECK	PL	1170* 16	8159		19.09	A	9.55	D	9.55				
3	RIB1	PL	250* 24	8138		12.21	A	12.21						
1	ST-W	PL	400* 9	8150		6.52	A	6.52						
1	ST-F	PL	100* 10	8149		1.63	A	1.63						
1	COV	PL	250* 19	362		0.18	C	0.18						DRAINAGE
2		PL	50* 19	362		0.07	C	0.04	D	0.04				
2		PL	50* 19	288		0.06	C	0.03	D	0.03				
1		PL	308* 16	420		0.26								
1	DOUBL	PL	588* 16	700		0.82								
1		PL	210* 16	250		0.11	A	0.05	C	0.05				
2		PL	165* 10	229		0.15	A	0.08	C	0.08				
2		PL	157* 10	322		0.20	A	0.10	C	0.10				

Caluculation of Steel Primer

(Unit: mm, m²)

6		PL	25* 10	30		0.01	A		C						
1		パイプ	5* 18* 42*250												
1	PIPE	STK	165.2* 4.5	530		0.26									HDG
J30-J31								A	30.14	C	0.48	D	9.62		

APPROACH BRIDGE DECK PL LL1-JL1 J31-J32														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks		
1	DECK	PL	1195* 16	8398		20.07	A	10.04	D	10.04				
3	RIB1	PL	250* 24	8362		12.54	A	12.54						
1	ST-W	PL	400* 9	8388		6.71	A	6.71						
1	ST-F	PL	100* 10	8387		1.68	A	1.68						
1	K-DECK	PL	550* 16	1700		1.87	A	1.87						LIGHTING POST
1	K-WEB	PL	284* 12	2138		1.21	A	1.21						
2	K-RIB	PL	287* 12	559		0.64	A	0.64						
1	K-RIB	PL	364* 12	559		0.41	A	0.41						
1	K-FLG	PL	200* 12	474		0.19	A	0.19						
1	COV	PL	250* 19	362		0.18	C	0.18						DRAINAGE
2		PL	50* 19	362		0.07	C	0.04	D	0.04				
2		PL	50* 19	288		0.06	C	0.03	D	0.03				
1		PL	308* 16	420		0.26								
1	DOUBL	PL	588* 16	700		0.82								
1		PL	210* 16	250		0.11	A	0.05	C	0.05				
2		PL	165* 10	229		0.15	A	0.08	C	0.08				
2		PL	157* 10	322		0.20	A	0.10	C	0.10				
6		PL	25* 10	30		0.01	A		C					
1		パイプ	5* 18* 42*250											
1	PIPE	STK	165.2* 4.5	530		0.26								HDG
J31-J32								A	35.52	C	0.48	D	10.11	

APPROACH BRIDGE DECK PL LL1-JL1 J32-GE2														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks		
1	DECK	PL	1183* 16	6265		14.82	B	7.41	D	7.41				
1	DECK	PL	1183* 16	1320		3.12	B	1.56	D	1.56				
3	RIB1	PL	750* 24	7428	45	15.04	B	15.04						
1	END	PL	260* 10	1120		0.58	B	0.58						
1	ST-W	PL	900* 9	7531	50	6.78	B	6.78						
1	ST-F	PL	100* 10	7577		1.52	B	1.52						
1	COV	PL	250* 19	362		0.18	C	0.18						DRAINAGE
2		PL	50* 19	362		0.07	C	0.04	D	0.04				
2		PL	50* 19	288		0.06	C	0.03	D	0.03				

Caluculation of Steel Primer

(Unit: mm,m²)

1		PL	308* 16	420	0.26								
1	DOUBL	PL	588* 16	700	0.82								
1		PL	210* 16	250	0.11	B	0.05	C	0.05				
2		PL	165* 10	229	0.15	B	0.08	C	0.08				
2		PL	157* 10	322	0.20	B	0.10	C	0.10				
6		PL	25* 10	30	0.01	B		C					
1		チェーン	5* 18* 42*250										
1	PIPE	STK	165.2* 4.5	530	0.26								HDG
J32-GE2						B	33.12	C	0.48	D	9.04		
LL1-JL1						A	927.84	B	69.98	C	11.04	D	304.96

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DECK PL JL1-JL2 GE1-J1													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	DECK	PL	3365* 16	1120		7.54	B	0.38	C	3.39	D	3.77	
1	DECK	PL	3365* 16	7325		49.30	B	2.46	C	22.18	D	24.65	
1	RIB2	PL	250* 24	2330		1.17	C	1.17					
9	RIB2	PL	750* 24	3074	60	24.90	C	24.90					
5	URIB2	U	320* 240* 8	5240		35.30	C	10.94					
5	DIA	PL	234* 6	308		0.72	C	0.36					
1	END	PL	260* 10	593		0.31	B	0.31					
1	END	PL	260* 10	2711		1.41	C	1.41					
1	END	PL	260* 10	175		0.09	B	0.09					
5	H-RIB	PL	296* 9	320		0.95	C	0.95					
5	BACKING	FB	50* 6	654		0.38							
5	BACKING	FB	50* 6	226		0.14							
GE1-J1							B	3.24	C	65.30	D	28.42	

APPROACH BRIDGE DECK PL JL1-JL2 J1-J2													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	DECK	PL	3365* 16	8315		55.96	A	2.80	C	25.18	D	27.98	
5	URIB2	U	320* 240* 8	8287		55.83	C	17.31					
10	DIA	PL	234* 6	308		1.44	C	0.72					
2	H.H	PL	270* 16	630		0.68							
2	H.H	PL	270* 9	450		0.49							
12	H.H	BN	M 16* 60			0.03							
J1-J2							A	2.80	C	43.21	D	27.98	

APPROACH BRIDGE DECK PL JL1-JL2 J2-J3													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	DECK	PL	3365* 16	8352		56.21	A	2.81	C	25.29	D	28.10	
5	URIB2	U	320* 240* 8	8325		56.09	C	17.39					
10	DIA	PL	234* 6	308		1.44	C	0.72					
J2-J3							A	2.81	C	43.40	D	28.10	

APPROACH BRIDGE DECK PL JL1-JL2 J3-J4													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	DECK	PL	3365* 16	8302		55.87	A	2.79	C	25.14	D	27.94	
5	URIB2	U	320* 240* 8	8274		55.75	C	17.28					

Caluculation of Steel Primer

(Unit: mm, m²)

10	DIA	PL	234* 6	308		1.44	C	0.72						
2	H.H	PL	270* 16	630		0.68								
2	H.H	PL	270* 9	450		0.49								
12	H.H	BN	M 16* 60			0.03								
							J3-J4	A	2.79	C	43.14	D	27.94	

APPROACH BRIDGE DECK PL JL1-JL2 J4-J5														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	DECK	PL	3365* 16	8402		56.55	A	2.83	C	25.45	D	28.27		
5	URIB2	U	320* 240* 8	8375		56.43	C	17.49						
10	DIA	PL	234* 6	308		1.44	C	0.72						
							J4-J5	A	2.83	C	43.66	D	28.27	

APPROACH BRIDGE DECK PL JL1-JL2 J5-J6														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	DECK	PL	3365* 16	8352		56.21	A	2.81	C	25.29	D	28.10		
5	URIB2	U	320* 240* 8	8324		56.08	C	17.39						
10	DIA	PL	234* 6	308		1.44	C	0.72						
2	H.H	PL	270* 16	630		0.68								
2	H.H	PL	270* 9	450		0.49								
12	H.H	BN	M 16* 60			0.03								
							J5-J6	A	2.81	C	43.40	D	28.10	

APPROACH BRIDGE DECK PL JL1-JL2 J6-J7														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	DECK	PL	3365* 16	8352		56.21	A	2.81	C	25.29	D	28.10		
5	URIB2	U	320* 240* 8	8324		56.08	C	17.39						
10	DIA	PL	234* 6	308		1.44	C	0.72						
							J6-J7	A	2.81	C	43.40	D	28.10	

APPROACH BRIDGE DECK PL JL1-JL2 J7-J8														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	DECK	PL	3365* 16	8352		56.21	A	2.81	C	25.29	D	28.10		
5	URIB2	U	320* 240* 8	8324		56.08	C	17.39						
10	DIA	PL	234* 6	308		1.44	C	0.72						
2	H.H	PL	270* 16	630		0.68								

Caluculation of Steel Primer

(Unit: mm, m²)

2	H.H	PL	270* 9	450	0.49								
12	H.H	BN	M 16* 60		0.03								
J7-J8						A	2.81	C	43.40	D	28.10		

APPROACH BRIDGE DECK PL JL1-JL2 J8-J9													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	DECK	PL	3364* 16	7020		47.23	A	2.36	C	21.25	D	23.62	
5	URIB2	U	320* 240* 8	6994		47.12	C	14.61					
10	DIA	PL	234* 6	308		1.44	C	0.72					
1	H.H	PL	270* 16	630		0.34							
1	H.H	PL	270* 9	450		0.24							
6	H.H	BN	M 16* 60			0.02							
J8-J9						A	2.36	C	36.58	D	23.62		

APPROACH BRIDGE DECK PL JL1-JL2 J9-J10													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	DECK	PL	3363* 16	5887		39.60	A	1.98	C	17.82	D	19.80	
5	URIB2	U	320* 240* 8	5861		39.49	C	12.24					
10	DIA	PL	234* 6	308		1.44	C	0.72					
J9-J10						A	1.98	C	30.78	D	19.80		

APPROACH BRIDGE DECK PL JL1-JL2 J10-J11													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	DECK	PL	3364* 16	7130		47.97	A	2.40	C	21.59	D	23.99	
5	URIB2	U	320* 240* 8	7104		47.86	C	14.84					
10	DIA	PL	234* 6	308		1.44	C	0.72					
1	H.H	PL	270* 16	630		0.34							
1	H.H	PL	270* 9	450		0.24							
6	H.H	BN	M 16* 60			0.02							
J10-J11						A	2.40	C	37.15	D	23.99		

APPROACH BRIDGE DECK PL JL1-JL2 J11-J12													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	DECK	PL	3365* 16	8439		56.79	A	2.84	C	25.56	D	28.40	
5	URIB2	U	320* 240* 8	8412		56.68	C	17.57					
10	DIA	PL	234* 6	308		1.44	C	0.72					

Caluculation of Steel Primer

(Unit: mm, m²)

2	H.H	PL	270* 16	630	0.68								
2	H.H	PL	270* 9	450	0.49								
12	H.H	BN	M 16* 60		0.03								
J11-J12						A	2.84	C	43.85	D	28.40		

APPROACH BRIDGE DECK PL JL1-JL2 J12-J13													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	DECK	PL	3365* 16	8439		56.79	A	2.84	C	25.56	D	28.40	
5	URIB2	U	320* 240* 8	8412		56.68	C	17.57					
10	DIA	PL	234* 6	308		1.44	C	0.72					
J12-J13						A	2.84	C	43.85	D	28.40		

APPROACH BRIDGE DECK PL JL1-JL2 J13-J14													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	DECK	PL	3364* 16	7234		48.67	A	2.43	C	21.90	D	24.34	
5	URIB2	U	320* 240* 8	7207		48.56	C	15.05					
10	DIA	PL	234* 6	308		1.44	C	0.72					
1	H.H	PL	270* 16	630		0.34							
1	H.H	PL	270* 9	450		0.24							
6	H.H	BN	M 16* 60			0.02							
J13-J14						A	2.43	C	37.67	D	24.34		

APPROACH BRIDGE DECK PL JL1-JL2 J14-J15													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	DECK	PL	3365* 16	8439		56.79	A	2.84	C	25.56	D	28.40	
5	URIB2	U	320* 240* 8	8412		56.68	C	17.57					
10	DIA	PL	234* 6	308		1.44	C	0.72					
2	H.H	PL	270* 16	630		0.68							
2	H.H	PL	270* 9	450		0.49							
12	H.H	BN	M 16* 60			0.03							
J14-J15						A	2.84	C	43.85	D	28.40		

APPROACH BRIDGE DECK PL JL1-JL2 J15-J16													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	DECK	PL	3364* 16	7234		48.67	A	2.43	C	21.90	D	24.34	
5	URIB2	U	320* 240* 8	7207		48.56	C	15.05					

Caluculation of Steel Primer

(Unit: mm, m²)

10	DIA	PL	234* 6	308		1.44	C	0.72						
1	H.H	PL	270* 16	630		0.34								
1	H.H	PL	270* 9	450		0.24								
6	H.H	BN	M 16* 60			0.02								
J15-J16							A	2.43	C	37.67	D	24.34		

APPROACH BRIDGE DECK PL JL1-JL2 J16-J17														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	DECK	PL	3365* 16	8439		56.79	A	2.84	C	25.56	D	28.40		
5	URIB2	U	320* 240* 8	8411		56.67	C	17.57						
10	DIA	PL	234* 6	308		1.44	C	0.72						
J16-J17							A	2.84	C	43.85	D	28.40		

APPROACH BRIDGE DECK PL JL1-JL2 J17-J18														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	DECK	PL	3365* 16	8439		56.79	A	2.84	C	25.56	D	28.40		
5	URIB2	U	320* 240* 8	8411		56.67	C	17.57						
10	DIA	PL	234* 6	308		1.44	C	0.72						
2	H.H	PL	270* 16	630		0.68								
2	H.H	PL	270* 9	450		0.49								
12	H.H	BN	M 16* 60			0.03								
J17-J18							A	2.84	C	43.85	D	28.40		

APPROACH BRIDGE DECK PL JL1-JL2 J18-J19														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	DECK	PL	3364* 16	6879		46.28	A	2.31	C	20.83	D	23.14		
5	URIB2	U	320* 240* 8	6853		46.17	C	14.31						
10	DIA	PL	234* 6	308		1.44	C	0.72						
1	H.H	PL	270* 16	630		0.34								
1	H.H	PL	270* 9	450		0.24								
6	H.H	BN	M 16* 60			0.02								
J18-J19							A	2.31	C	35.86	D	23.14		

APPROACH BRIDGE DECK PL JL1-JL2 J19-J20														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	DECK	PL	3363* 16	6222		41.85	A	2.09	C	18.83	D	20.92		

Caluculation of Steel Primer

(Unit: mm, m²)

5	URIB2	U	320* 240* 8	6197		41.75	C	12.94					
10	DIA	PL	234* 6	308		1.44	C	0.72					
J19-J20							A	2.09	C	32.49	D	20.92	

APPROACH BRIDGE DECK PL JL1-JL2 J20-J21													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	DECK	PL	3363* 16	6527		43.90	A	2.20	C	19.76	D	21.95	
5	URIB2	U	320* 240* 8	6501		43.80	C	13.58					
10	DIA	PL	234* 6	308		1.44	C	0.72					
1	H.H	PL	270* 16	630		0.34							
1	H.H	PL	270* 9	450		0.24							
6	H.H	BN	M 16* 60			0.02							
J20-J21							A	2.20	C	34.06	D	21.95	

APPROACH BRIDGE DECK PL JL1-JL2 J21-J22													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	DECK	PL	3364* 16	7083		47.65	A	2.38	C	21.44	D	23.83	
5	URIB2	U	320* 240* 8	7056		47.54	C	14.74					
10	DIA	PL	234* 6	308		1.44	C	0.72					
1	H.H	PL	270* 16	630		0.34							
1	H.H	PL	270* 9	450		0.24							
6	H.H	BN	M 16* 60			0.02							
J21-J22							A	2.38	C	36.90	D	23.83	

APPROACH BRIDGE DECK PL JL1-JL2 J22-J23													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	DECK	PL	3365* 16	8263		55.61	A	2.78	C	25.02	D	27.80	
5	URIB2	U	320* 240* 8	8235		55.48	C	17.20					
10	DIA	PL	234* 6	308		1.44	C	0.72					
2	H.H	PL	270* 16	630		0.68							
2	H.H	PL	270* 9	450		0.49							
12	H.H	BN	M 16* 60			0.03							
J22-J23							A	2.78	C	42.94	D	27.80	

APPROACH BRIDGE DECK PL JL1-JL2 J23-J24													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks

Caluculation of Steel Primer

(Unit: mm, m²)

1	DECK	PL	3365* 16	8263		55.61	A	2.78	C	25.02	D	27.80		
5	URIB2	U	320* 240* 8	8235		55.48	C	17.20						
10	DIA	PL	234* 6	308		1.44	C	0.72						
J23-J24							A	2.78	C	42.94	D	27.80		

APPROACH BRIDGE DECK PL JL1-JL2 J24-J25														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	DECK	PL	3365* 16	8183		55.07	A	2.75	C	24.78	D	27.54		
5	URIB2	U	320* 240* 8	8155		54.94	C	17.03						
10	DIA	PL	234* 6	308		1.44	C	0.72						
2	H.H	PL	270* 16	630		0.68								
2	H.H	PL	270* 9	450		0.49								
12	H.H	BN	M 16* 60			0.03								
J24-J25							A	2.75	C	42.53	D	27.54		

APPROACH BRIDGE DECK PL JL1-JL2 J25-J26														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	DECK	PL	3375* 16	8427		56.88	A	2.84	C	25.60	D	28.44		
5	URIB2	U	320* 240* 8	8398		56.58	C	17.54						
10	DIA	PL	234* 6	308		1.44	C	0.72						
J25-J26							A	2.84	C	43.86	D	28.44		

APPROACH BRIDGE DECK PL JL1-JL2 J26-J27														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	DECK	PL	3376* 16	7973		53.83	A	2.69	C	24.23	D	26.92		
5	URIB2	U	320* 240* 8	7929		53.42	C	16.56						
10	DIA	PL	234* 6	308		1.44	C	0.72						
2	H.H	PL	270* 16	630		0.68								
2	H.H	PL	270* 9	450		0.49								
12	H.H	BN	M 16* 60			0.03								
J26-J27							A	2.69	C	41.51	D	26.92		

APPROACH BRIDGE DECK PL JL1-JL2 J27-J28														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	DECK	PL	3361* 16	7058		47.44	A	2.37	C	21.35	D	23.72		
5	URIB2	U	320* 240* 8	7037		47.41	C	14.70						

Caluculation of Steel Primer

(Unit: mm, m²)

10	DIA	PL	234* 6	308		1.44	C	0.72						
1	H.H	PL	270* 16	630		0.34								
1	H.H	PL	270* 9	450		0.24								
6	H.H	BN	M 16* 60			0.02								
J27-J28							A	2.37	C	36.77	D	23.72		

APPROACH BRIDGE DECK PL JL1-JL2 J28-J29														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	DECK	PL	3361* 16	7099		47.72	A	2.39	C	21.47	D	23.86		
5	URIB2	U	320* 240* 8	7078		47.69	C	14.78						
10	DIA	PL	234* 6	308		1.44	C	0.72						
1	H.H	PL	270* 16	630		0.34								
1	H.H	PL	270* 9	450		0.24								
6	H.H	BN	M 16* 60			0.02								
J28-J29							A	2.39	C	36.97	D	23.86		

APPROACH BRIDGE DECK PL JL1-JL2 J29-J30														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	DECK	PL	3361* 16	8397		56.44	A	2.82	C	25.40	D	28.22		
5	URIB2	U	320* 240* 8	8376		56.43	C	17.49						
10	DIA	PL	234* 6	308		1.44	C	0.72						
J29-J30							A	2.82	C	43.61	D	28.22		

APPROACH BRIDGE DECK PL JL1-JL2 J30-J31														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	DECK	PL	3361* 16	8159		54.84	A	2.74	C	24.68	D	27.42		
5	URIB2	U	320* 240* 8	8138		54.83	C	17.00						
10	DIA	PL	234* 6	308		1.44	C	0.72						
2	H.H	PL	270* 16	630		0.68								
2	H.H	PL	270* 9	450		0.49								
12	H.H	BN	M 16* 60			0.03								
J30-J31							A	2.74	C	42.40	D	27.42		

APPROACH BRIDGE DECK PL JL1-JL2 J31-J32														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	DECK	PL	3385* 16	8373		56.69	A	2.83	C	25.51	D	28.34		

Caluculation of Steel Primer

(Unit: mm,m²)

5	URIB2	U	320* 240* 8	8315		56.02	C	17.37					
10	DIA	PL	234* 6	308		1.44	C	0.72					
J31-J32							A	2.83	C	43.60	D	28.34	

APPROACH BRIDGE DECK PL JL1-JL2 J32-GE2														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	DECK	PL	3373* 16	6246		42.14	B	2.11	C	18.96	D	21.07		
1	DECK	PL	3373* 16	1320		8.90	B	0.45	C	4.01	D	4.45		
5	URIB2	U	320* 240* 8	4149		27.95	C	8.67						
5	DIA	PL	234* 6	308		0.72	C	0.36						
10	RIB2	PL	750* 24	3261	60	29.35	C	29.35						
1	END	PL	260* 10	574		0.30	B	0.30						
1	END	PL	260* 10	2730		1.42	C	1.42						
1	END	PL	260* 10	175		0.09	B	0.09						
5	H-RIB	PL	296* 9	320		0.95	C	0.95						
5	BACKING	FB	50* 6	654		0.38								
5	BACKING	FB	50* 6	226		0.14								
1	H.H	PL	270* 16	630		0.34								
1	H.H	PL	270* 9	450		0.24								
6	H.H	BN	M 16* 60			0.02								
J32-GE2							B	2.95	C	63.72	D	25.52		
JL1-JL2							A	81.43	B	6.19	C	1388.17	D	868.52

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DECK PL JL2-JL3 GE1-J1													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks	
1	DECK	PL	1294* 16	1120		2.90	B	1.45	D	1.45			
1	DECK	PL	1294* 16	7311		18.92	B	9.46	D	9.46			
2	URIB3	U	320* 240* 8	5231		14.10	B	3.67	C	0.70			
2	DIA	PL	234* 6	308		0.29	C	0.14					
4	RIB3	PL	750* 24	3071	60	11.06	B	11.06					
1	RIB3	PL	750* 24	8310	45	5.61	B	5.61					
1	END	PL	260* 10	1296		0.67	B	0.67					
2	H-RIB	PL	296* 9	320		0.38	B	0.38					
2	BACKING	FB	50* 6	654		0.14							
2	BACKING	FB	50* 6	226		0.05							
GE1-J1							B	32.30	C	0.84	D	10.91	

APPROACH BRIDGE DECK PL JL2-JL3 J1-J2													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks	
1	DECK	PL	1295* 16	8301		21.50	A	10.75	D	10.75			
2	URIB3	U	320* 240* 8	8278		22.31	A	5.80	C	1.12			
4	DIA	PL	234* 6	308		0.58	C	0.29					
1	RIB3	PL	250* 24	8278		4.14	A	4.14					
J1-J2							A	20.69	C	1.41	D	10.75	

APPROACH BRIDGE DECK PL JL2-JL3 J2-J3													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks	
1	DECK	PL	1294* 16	8338		21.58	A	10.79	D	10.79			
2	URIB3	U	320* 240* 8	8315		22.41	A	5.83	C	1.12			
4	DIA	PL	234* 6	308		0.58	C	0.29					
1	RIB3	PL	250* 24	8315		4.16	A	4.16					
J2-J3							A	20.78	C	1.41	D	10.79	

APPROACH BRIDGE DECK PL JL2-JL3 J3-J4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	DECK	PL	1295* 16	8288		21.47	A	10.73	D	10.73		
2	URIB3	U	320* 240* 8	8265		22.27	A	5.79	C	1.11		
4	DIA	PL	234* 6	308		0.58	C	0.29				
1	RIB3	PL	250* 24	8265		4.13	A	4.13				

Caluculation of Steel Primer

(Unit: mm, m²)

J3-J4					A	20.65	C	1.40	D	10.73		
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APPROACH BRIDGE DECK PL JL2-JL3 J4-J5

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	DECK	PL	1294* 16	8388		21.71	A	10.85	D	10.85			
2	URIB3	U	320* 240* 8	8365		22.54	A	5.86	C	1.13			
4	DIA	PL	234* 6	308		0.58	C	0.29					
1	RIB3	PL	250* 24	8365		4.18	A	4.18					

J4-J5					A	20.89	C	1.42	D	10.85		
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APPROACH BRIDGE DECK PL JL2-JL3 J5-J6

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	DECK	PL	1295* 16	8338		21.60	A	10.80	D	10.80			
2	URIB3	U	320* 240* 8	8315		22.41	A	5.83	C	1.12			
4	DIA	PL	234* 6	308		0.58	C	0.29					
1	RIB3	PL	250* 24	8315		4.16	A	4.16					

J5-J6					A	20.79	C	1.41	D	10.80		
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APPROACH BRIDGE DECK PL JL2-JL3 J6-J7

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	DECK	PL	1294* 16	8338		21.58	A	10.79	D	10.79			
2	URIB3	U	320* 240* 8	8315		22.41	A	5.83	C	1.12			
4	DIA	PL	234* 6	308		0.58	C	0.29					
1	RIB3	PL	250* 24	8315		4.16	A	4.16					

J6-J7					A	20.78	C	1.41	D	10.79		
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APPROACH BRIDGE DECK PL JL2-JL3 J7-J8

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	DECK	PL	1295* 16	8338		21.60	A	10.80	D	10.80			
2	URIB3	U	320* 240* 8	8315		22.41	A	5.83	C	1.12			
4	DIA	PL	234* 6	308		0.58	C	0.29					
1	RIB3	PL	250* 24	8315		4.16	A	4.16					

J7-J8					A	20.79	C	1.41	D	10.80		
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APPROACH BRIDGE DECK PL JL2-JL3 J8-J9

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Caluculation of Steel Primer

(Unit: mm, m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
1	DECK	PL	1293* 16	7009		18.13	A	9.06	D	9.06			
2	URIB3	U	320* 240* 8	6986		18.83	A	4.90	C	0.94			
4	DIA	PL	234* 6	308		0.58	C	0.29					
1	RIB3	PL	250* 24	6986		3.49	A	3.49					
J8-J9							A	17.45	C	1.23	D	9.06	

APPROACH BRIDGE DECK PL JL2-JL3 J9-J10													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
1	DECK	PL	1292* 16	5877		15.19	A	7.59	D	7.59			
2	URIB3	U	320* 240* 8	5855		15.78	A	4.10	C	0.79			
4	DIA	PL	234* 6	308		0.58	C	0.29					
1	RIB3	PL	250* 24	5855		2.93	A	2.93					
J9-J10							A	14.62	C	1.08	D	7.59	

APPROACH BRIDGE DECK PL JL2-JL3 J10-J11													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
1	DECK	PL	1293* 16	7118		18.41	A	9.20	D	9.20			
2	URIB3	U	320* 240* 8	7096		19.12	A	4.97	C	0.96			
4	DIA	PL	234* 6	308		0.58	C	0.29					
1	RIB3	PL	250* 24	7096		3.55	A	3.55					
J10-J11							A	17.72	C	1.25	D	9.20	

APPROACH BRIDGE DECK PL JL2-JL3 J11-J12													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
1	DECK	PL	1295* 16	8425		21.82	A	10.91	D	10.91			
2	URIB3	U	320* 240* 8	8402		22.64	A	5.89	C	1.13			
4	DIA	PL	234* 6	308		0.58	C	0.29					
1	RIB3	PL	250* 24	8402		4.20	A	4.20					
J11-J12							A	21.00	C	1.42	D	10.91	

APPROACH BRIDGE DECK PL JL2-JL3 J12-J13													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
1	DECK	PL	1294* 16	8425		21.80	A	10.90	D	10.90			
2	URIB3	U	320* 240* 8	8402		22.64	A	5.89	C	1.13			
4	DIA	PL	234* 6	308		0.58	C	0.29					

Caluculation of Steel Primer

(Unit: mm, m²)

1	RIB3	PL	250* 24	8402		4.20	A	4.20						
J12-J13							A	20.99	C	1.42	D	10.90		

APPROACH BRIDGE DECK PL JL2-JL3 J13-J14														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	DECK	PL	1293* 16	7222		18.68	A	9.34	D	9.34				
2	URIB3	U	320* 240* 8	7199		19.40	A	5.04	C	0.97				
4	DIA	PL	234* 6	308		0.58	C	0.29						
1	RIB3	PL	250* 24	7199		3.60	A	3.60						
J13-J14							A	17.98	C	1.26	D	9.34		

APPROACH BRIDGE DECK PL JL2-JL3 J14-J15														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	DECK	PL	1295* 16	8425		21.82	A	10.91	D	10.91				
2	URIB3	U	320* 240* 8	8402		22.64	A	5.89	C	1.13				
4	DIA	PL	234* 6	308		0.58	C	0.29						
1	RIB3	PL	250* 24	8402		4.20	A	4.20						
J14-J15							A	21.00	C	1.42	D	10.91		

APPROACH BRIDGE DECK PL JL2-JL3 J15-J16														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	DECK	PL	1293* 16	7221		18.67	A	9.34	D	9.34				
2	URIB3	U	320* 240* 8	7199		19.40	A	5.04	C	0.97				
4	DIA	PL	234* 6	308		0.58	C	0.29						
1	RIB3	PL	250* 24	7199		3.60	A	3.60						
J15-J16							A	17.98	C	1.26	D	9.34		

APPROACH BRIDGE DECK PL JL2-JL3 J16-J17														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	DECK	PL	1294* 16	8425		21.80	A	10.90	D	10.90				
2	URIB3	U	320* 240* 8	8402		22.64	A	5.89	C	1.13				
4	DIA	PL	234* 6	308		0.58	C	0.29						
1	RIB3	PL	250* 24	8402		4.20	A	4.20						
J16-J17							A	20.99	C	1.42	D	10.90		

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DECK PL JL2-JL3 J17-J18												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	DECK	PL	1295* 16	8425		21.82	A	10.91	D	10.91		
2	URIB3	U	320* 240* 8	8402		22.64	A	5.89	C	1.13		
4	DIA	PL	234* 6	308		0.58	C	0.29				
1	RIB3	PL	250* 24	8402		4.20	A	4.20				
J17-J18							A	21.00	C	1.42	D	10.91

APPROACH BRIDGE DECK PL JL2-JL3 J18-J19												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	DECK	PL	1293* 16	6868		17.76	A	8.88	D	8.88		
2	URIB3	U	320* 240* 8	6845		18.45	A	4.80	C	0.92		
4	DIA	PL	234* 6	308		0.58	C	0.29				
1	RIB3	PL	250* 24	6845		3.42	A	3.42				
J18-J19							A	17.10	C	1.21	D	8.88

APPROACH BRIDGE DECK PL JL2-JL3 J19-J20												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	DECK	PL	1293* 16	6212		16.06	A	8.03	D	8.03		
2	URIB3	U	320* 240* 8	6190		16.68	A	4.34	C	0.83		
4	DIA	PL	234* 6	308		0.58	C	0.29				
1	RIB3	PL	250* 24	6190		3.10	A	3.10				
J19-J20							A	15.47	C	1.12	D	8.03

APPROACH BRIDGE DECK PL JL2-JL3 J20-J21												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	DECK	PL	1293* 16	6516		16.85	A	8.43	D	8.43		
2	URIB3	U	320* 240* 8	6493		17.50	A	4.55	C	0.87		
4	DIA	PL	234* 6	308		0.58	C	0.29				
1	RIB3	PL	250* 24	6493		3.25	A	3.25				
J20-J21							A	16.23	C	1.16	D	8.43

APPROACH BRIDGE DECK PL JL2-JL3 J21-J22												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	DECK	PL	1293* 16	7071		18.29	A	9.14	D	9.14		

Caluculation of Steel Primer

(Unit: mm, m²)

2	URIB3	U	320* 240* 8	7048		18.99	A	4.94	C	0.95				
4	DIA	PL	234* 6	308		0.58	C	0.29						
1	RIB3	PL	250* 24	7048		3.52	A	3.52						
J21-J22							A	17.60	C	1.24	D	9.14		

APPROACH BRIDGE DECK PL JL2-JL3 J22-J23														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	DECK	PL	1294* 16	8249		21.35	A	10.67	D	10.67				
2	URIB3	U	320* 240* 8	8226		22.17	A	5.76	C	1.11				
4	DIA	PL	234* 6	308		0.58	C	0.29						
1	RIB3	PL	250* 24	8226		4.11	A	4.11						
J22-J23							A	20.54	C	1.40	D	10.67		

APPROACH BRIDGE DECK PL JL2-JL3 J23-J24														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	DECK	PL	1294* 16	8249		21.35	A	10.67	D	10.67				
2	URIB3	U	320* 240* 8	8226		22.17	A	5.76	C	1.11				
4	DIA	PL	234* 6	308		0.58	C	0.29						
1	RIB3	PL	250* 24	8226		4.11	A	4.11						
J23-J24							A	20.54	C	1.40	D	10.67		

APPROACH BRIDGE DECK PL JL2-JL3 J24-J25														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	DECK	PL	1294* 16	8169		21.14	A	10.57	D	10.57				
2	URIB3	U	320* 240* 8	8146		21.95	A	5.71	C	1.10				
4	DIA	PL	234* 6	308		0.58	C	0.29						
1	RIB3	PL	250* 24	8146		4.07	A	4.07						
J24-J25							A	20.35	C	1.39	D	10.57		

APPROACH BRIDGE DECK PL JL2-JL3 J25-J26														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	DECK	PL	1305* 16	8411		21.95	A	10.98	D	10.98				
2	URIB3	U	320* 240* 8	8388		22.61	A	5.88	C	1.13				
4	DIA	PL	234* 6	308		0.58	C	0.29						
1	RIB3	PL	250* 24	8388		4.19	A	4.19						

Caluculation of Steel Primer

(Unit: mm, m²)

J25-J26					A	21.05	C	1.42	D	10.98		
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APPROACH BRIDGE DECK PL JL2-JL3 J26-J27													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	DECK	PL	1305* 16	7991		20.86	A	10.43	D	10.43			
2	URIB3	U	320* 240* 8	7962		21.46	A	5.58	C	1.07			
4	DIA	PL	234* 6	308		0.58	C	0.29					
1	RIB3	PL	250* 24	7962		3.98	A	3.98					
J26-J27					A	19.99	C	1.36	D	10.43			

APPROACH BRIDGE DECK PL JL2-JL3 J27-J28													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	DECK	PL	1290* 16	7058		18.21	A	9.10	D	9.10			
2	URIB3	U	320* 240* 8	7037		18.96	A	4.93	C	0.95			
4	DIA	PL	234* 6	308		0.58	C	0.29					
1	RIB3	PL	250* 24	7037		3.52	A	3.52					
J27-J28					A	17.55	C	1.24	D	9.10			

APPROACH BRIDGE DECK PL JL2-JL3 J28-J29													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	DECK	PL	1290* 16	7099		18.32	A	9.16	D	9.16			
2	URIB3	U	320* 240* 8	7078		19.08	A	4.96	C	0.95			
4	DIA	PL	234* 6	308		0.58	C	0.29					
1	RIB3	PL	250* 24	7078		3.54	A	3.54					
J28-J29					A	17.66	C	1.24	D	9.16			

APPROACH BRIDGE DECK PL JL2-JL3 J29-J30													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	DECK	PL	1290* 16	8397		21.66	A	10.83	D	10.83			
2	URIB3	U	320* 240* 8	8376		22.57	A	5.87	C	1.13			
4	DIA	PL	234* 6	308		0.58	C	0.29					
1	RIB3	PL	250* 24	8376		4.19	A	4.19					
J29-J30					A	20.89	C	1.42	D	10.83			

APPROACH BRIDGE DECK PL JL2-JL3 J30-J31												
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Caluculation of Steel Primer

(Unit: mm, m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
1	DECK	PL	1290* 16	8159		21.05	A	10.53	D	10.53			
2	URIB3	U	320* 240* 8	8138		21.93	A	5.70	C	1.10			
4	DIA	PL	234* 6	308		0.58	C	0.29					
1	RIB3	PL	250* 24	8138		4.07	A	4.07					
J30-J31							A	20.30	C	1.39	D	10.53	

APPROACH BRIDGE DECK PL JL2-JL3 J31-J32													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
1	DECK	PL	1314* 16	8300		21.81	A	10.91	D	10.91			
2	URIB3	U	320* 240* 8	8266		22.28	A	5.79	C	1.11			
4	DIA	PL	234* 6	308		0.58	C	0.29					
1	RIB3	PL	250* 24	8266		4.13	A	4.13					
J31-J32							A	20.83	C	1.40	D	10.91	

APPROACH BRIDGE DECK PL JL2-JL3 J32-GE2													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
1	DECK	PL	1303* 16	6191		16.13	B	8.07	D	8.07			
1	DECK	PL	1303* 16	1320		3.44	B	1.72	D	1.72			
2	URIB3	U	320* 240* 8	4111		11.08	B	2.88	C	0.55			
2	DIA	PL	234* 6	308		0.29	C	0.14					
1	RIB3	PL	750* 24	7381	45	4.98	B	4.98					
4	RIB3	PL	750* 24	3261	60	11.74	B	11.74					
1	END	PL	260* 10	1296		0.67	B	0.67					
2	H-RIB	PL	296* 9	320		0.38	B	0.38					
2	BACKING	FB	50* 6	654		0.14							
2	BACKING	FB	50* 6	226		0.05							
J32-GE2							B	30.44	C	0.69	D	9.79	
JL2-JL3							A	602.20	B	62.74	C	42.97	D 333.60

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DECK PL JL3-JL4 GE1-J1													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	DECK	PL	3065* 16	1120		6.87	B	0.41	C	3.02	D	3.43	
1	DECK	PL	3065* 16	7305		44.78	B	2.69	C	19.70	D	22.39	
4	URIB4	U	320* 240* 8	5228		28.18	C	8.74					
4	DIA	PL	234* 6	308		0.58	C	0.29					
8	RIB4	PL	750* 24	3064	60	22.06	C	22.06					
1	END	PL	260* 10	175		0.09	B	0.09					
1	END	PL	260* 10	2696		1.40	C	1.40					
1	END	PL	260* 10	175		0.09	B	0.09					
GE1-J1							B	3.28	C	55.21	D	25.82	

APPROACH BRIDGE DECK PL JL3-JL4 J1-J2													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	DECK	PL	3065* 16	8295		50.85	A	3.05	C	22.37	D	25.42	
4	URIB4	U	320* 240* 8	8269		44.57	C	13.82					
8	DIA	PL	234* 6	308		1.15	C	0.58					
2	H.H	PL	270* 16	630		0.68							
2	H.H	PL	270* 9	450		0.49							
12	H.H	BN	M 16* 60			0.03							
J1-J2							A	3.05	C	36.77	D	25.42	

APPROACH BRIDGE DECK PL JL3-JL4 J2-J3													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	DECK	PL	3065* 16	8333		51.08	A	3.06	C	22.48	D	25.54	
4	URIB4	U	320* 240* 8	8306		44.77	C	13.88					
8	DIA	PL	234* 6	308		1.15	C	0.58					
J2-J3							A	3.06	C	36.94	D	25.54	

APPROACH BRIDGE DECK PL JL3-JL4 J3-J4													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	DECK	PL	3065* 16	8283		50.77	A	3.05	C	22.34	D	25.39	
4	URIB4	U	320* 240* 8	8256		44.50	C	13.79					
8	DIA	PL	234* 6	308		1.15	C	0.58					
2	H.H	PL	270* 16	630		0.68							
2	H.H	PL	270* 9	450		0.49							
12	H.H	BN	M 16* 60			0.03							

Caluculation of Steel Primer

(Unit: mm, m²)

J3-J4					A	3.05	C	36.71	D	25.39		

APPROACH BRIDGE DECK PL JL3-JL4 J4-J5													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	DECK	PL	3065* 16	8383		51.39	A	3.08	C	22.61	D	25.69	
4	URIB4	U	320* 240* 8	8356		45.04	C	13.96					
8	DIA	PL	234* 6	308		1.15	C	0.58					
J4-J5					A	3.08	C	37.15	D	25.69			

APPROACH BRIDGE DECK PL JL3-JL4 J5-J6													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	DECK	PL	3065* 16	8333		51.08	A	3.06	C	22.48	D	25.54	
4	URIB4	U	320* 240* 8	8306		44.77	C	13.88					
8	DIA	PL	234* 6	308		1.15	C	0.58					
2	H.H	PL	270* 16	630		0.68							
2	H.H	PL	270* 9	450		0.49							
12	H.H	BN	M 16* 60			0.03							
J5-J6					A	3.06	C	36.94	D	25.54			

APPROACH BRIDGE DECK PL JL3-JL4 J6-J7													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	DECK	PL	3065* 16	8333		51.08	A	3.06	C	22.48	D	25.54	
4	URIB4	U	320* 240* 8	8306		44.77	C	13.88					
8	DIA	PL	234* 6	308		1.15	C	0.58					
J6-J7					A	3.06	C	36.94	D	25.54			

APPROACH BRIDGE DECK PL JL3-JL4 J7-J8													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	DECK	PL	3065* 16	8332		51.08	A	3.06	C	22.47	D	25.54	
4	URIB4	U	320* 240* 8	8306		44.77	C	13.88					
8	DIA	PL	234* 6	308		1.15	C	0.58					
2	H.H	PL	270* 16	630		0.68							
2	H.H	PL	270* 9	450		0.49							
12	H.H	BN	M 16* 60			0.03							
J7-J8					A	3.06	C	36.93	D	25.54			

APPROACH BRIDGE DECK PL JL3-JL4 J8-J9													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks	
1	DECK	PL	3064* 16	7004		42.92	A	2.58	C	18.89	D	21.46	
4	URIB4	U	320* 240* 8	6978		37.61	C	11.66					
8	DIA	PL	234* 6	308		1.15	C	0.58					
1	H.H	PL	270* 16	630		0.34							
1	H.H	PL	270* 9	450		0.24							
6	H.H	BN	M 16* 60			0.02							
J8-J9							A	2.58	C	31.13	D	21.46	

APPROACH BRIDGE DECK PL JL3-JL4 J9-J10													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks	
1	DECK	PL	3063* 16	5873		35.98	A	2.16	C	15.83	D	17.99	
4	URIB4	U	320* 240* 8	5848		31.52	C	9.77					
8	DIA	PL	234* 6	308		1.15	C	0.58					
J9-J10							A	2.16	C	26.18	D	17.99	

APPROACH BRIDGE DECK PL JL3-JL4 J10-J11													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks	
1	DECK	PL	3064* 16	7114		43.59	A	2.62	C	19.18	D	21.80	
4	URIB4	U	320* 240* 8	7088		38.20	C	11.84					
8	DIA	PL	234* 6	308		1.15	C	0.58					
1	H.H	PL	270* 16	630		0.34							
1	H.H	PL	270* 9	450		0.24							
6	H.H	BN	M 16* 60			0.02							
J10-J11							A	2.62	C	31.60	D	21.80	

APPROACH BRIDGE DECK PL JL3-JL4 J11-J12													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks	
1	DECK	PL	3065* 16	8420		51.61	A	3.10	C	22.71	D	25.81	
4	URIB4	U	320* 240* 8	8393		45.24	C	14.02					
8	DIA	PL	234* 6	308		1.15	C	0.58					
2	H.H	PL	270* 16	630		0.68							
2	H.H	PL	270* 9	450		0.49							
12	H.H	BN	M 16* 60			0.03							

Caluculation of Steel Primer

(Unit: mm, m²)

J11-J12						A	3.10	C	37.31	D	25.81		
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APPROACH BRIDGE DECK PL JL3-JL4 J12-J13													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	DECK	PL	3065* 16	8420		51.61	A	3.10	C	22.71	D	25.81	
4	URIB4	U	320* 240* 8	8393		45.24	C	14.02					
8	DIA	PL	234* 6	308		1.15	C	0.58					
J12-J13						A	3.10	C	37.31	D	25.81		

APPROACH BRIDGE DECK PL JL3-JL4 J13-J14													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	DECK	PL	3064* 16	7217		44.23	A	2.65	C	19.46	D	22.11	
4	URIB4	U	320* 240* 8	7191		38.76	C	12.02					
8	DIA	PL	234* 6	308		1.15	C	0.58					
1	H.H	PL	270* 16	630		0.34							
1	H.H	PL	270* 9	450		0.24							
6	H.H	BN	M 16* 60			0.02							
J13-J14						A	2.65	C	32.06	D	22.11		

APPROACH BRIDGE DECK PL JL3-JL4 J14-J15													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	DECK	PL	3065* 16	8420		51.61	A	3.10	C	22.71	D	25.81	
4	URIB4	U	320* 240* 8	8393		45.24	C	14.02					
8	DIA	PL	234* 6	308		1.15	C	0.58					
2	H.H	PL	270* 16	630		0.68							
2	H.H	PL	270* 9	450		0.49							
12	H.H	BN	M 16* 60			0.03							
J14-J15						A	3.10	C	37.31	D	25.81		

APPROACH BRIDGE DECK PL JL3-JL4 J15-J16													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	DECK	PL	3064* 16	7217		44.23	A	2.65	C	19.46	D	22.11	
4	URIB4	U	320* 240* 8	7191		38.76	C	12.02					
8	DIA	PL	234* 6	308		1.15	C	0.58					
1	H.H	PL	270* 16	630		0.34							
1	H.H	PL	270* 9	450		0.24							
6	H.H	BN	M 16* 60			0.02							

Caluculation of Steel Primer

(Unit: mm,m²)

J15-J16										A	2.65	C	32.06	D	22.11		
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APPROACH BRIDGE DECK PL JL3-JL4 J16-J17																	
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks				
1	DECK	PL	3065* 16	8420		51.61	A	3.10	C	22.71	D	25.81					
4	URIB4	U	320* 240* 8	8393		45.24	C	14.02									
8	DIA	PL	234* 6	308		1.15	C	0.58									
J16-J17										A	3.10	C	37.31	D	25.81		

APPROACH BRIDGE DECK PL JL3-JL4 J17-J18																	
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks				
1	DECK	PL	3065* 16	8419		51.61	A	3.10	C	22.71	D	25.80					
4	URIB4	U	320* 240* 8	8393		45.24	C	14.02									
8	DIA	PL	234* 6	308		1.15	C	0.58									
2	H.H	PL	270* 16	630		0.68											
2	H.H	PL	270* 9	450		0.49											
12	H.H	BN	M 16* 60			0.03											
J17-J18										A	3.10	C	37.31	D	25.80		

APPROACH BRIDGE DECK PL JL3-JL4 J18-J19																	
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks				
1	DECK	PL	3063* 16	6863		42.04	A	2.52	C	18.50	D	21.02					
4	URIB4	U	320* 240* 8	6837		36.85	C	11.42									
8	DIA	PL	234* 6	308		1.15	C	0.58									
1	H.H	PL	270* 16	630		0.34											
1	H.H	PL	270* 9	450		0.24											
6	H.H	BN	M 16* 60			0.02											
J18-J19										A	2.52	C	30.50	D	21.02		

APPROACH BRIDGE DECK PL JL3-JL4 J19-J20																	
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks				
1	DECK	PL	3063* 16	6208		38.03	A	2.28	C	16.73	D	19.02					
4	URIB4	U	320* 240* 8	6183		33.33	C	10.33									
8	DIA	PL	234* 6	308		1.15	C	0.58									
J19-J20										A	2.28	C	27.64	D	19.02		

APPROACH BRIDGE DECK PL JL3-JL4 J20-J21													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	DECK	PL	3063* 16	6512		39.89	A	2.39	C	17.55	D	19.95	
4	URIB4	U	320* 240* 8	6486		34.96	C	10.84					
8	DIA	PL	234* 6	308		1.15	C	0.58					
1	H.H	PL	270* 16	630		0.34							
1	H.H	PL	270* 9	450		0.24							
6	H.H	BN	M 16* 60			0.02							
J20-J21							A	2.39	C	28.97	D	19.95	

APPROACH BRIDGE DECK PL JL3-JL4 J21-J22													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	DECK	PL	3064* 16	7066		43.30	A	2.60	C	19.05	D	21.65	
4	URIB4	U	320* 240* 8	7040		37.95	C	11.76					
8	DIA	PL	234* 6	308		1.15	C	0.58					
1	H.H	PL	270* 16	630		0.34							
1	H.H	PL	270* 9	450		0.24							
6	H.H	BN	M 16* 60			0.02							
J21-J22							A	2.60	C	31.39	D	21.65	

APPROACH BRIDGE DECK PL JL3-JL4 J22-J23													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	DECK	PL	3065* 16	8244		50.54	A	3.03	C	22.24	D	25.27	
4	URIB4	U	320* 240* 8	8217		44.29	C	13.73					
8	DIA	PL	234* 6	308		1.15	C	0.58					
2	H.H	PL	270* 16	630		0.68							
2	H.H	PL	270* 9	450		0.49							
12	H.H	BN	M 16* 60			0.03							
J22-J23							A	3.03	C	36.55	D	25.27	

APPROACH BRIDGE DECK PL JL3-JL4 J23-J24													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	DECK	PL	3064* 16	8244		50.52	A	3.03	C	22.23	D	25.26	
4	URIB4	U	320* 240* 8	8217		44.29	C	13.73					
8	DIA	PL	234* 6	308		1.15	C	0.58					

Caluculation of Steel Primer

(Unit: mm, m²)

J23-J24					A	3.03	C	36.54	D	25.26		
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APPROACH BRIDGE DECK PL JL3-JL4 J24-J25													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	DECK	PL	3065* 16	8164		50.05	A	3.00	C	22.02	D	25.02	
4	URIB4	U	320* 240* 8	8137		43.86	C	13.60					
8	DIA	PL	234* 6	308		1.15	C	0.58					
2	H.H	PL	270* 16	630		0.68							
2	H.H	PL	270* 9	450		0.49							
12	H.H	BN	M 16* 60			0.03							
J24-J25					A	3.00	C	36.20	D	25.02			

APPROACH BRIDGE DECK PL JL3-JL4 J25-J26													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	DECK	PL	3075* 16	8406		51.70	A	3.10	C	22.75	D	25.85	
4	URIB4	U	320* 240* 8	8378		45.16	C	14.00					
8	DIA	PL	234* 6	308		1.15	C	0.58					
J25-J26					A	3.10	C	37.33	D	25.85			

APPROACH BRIDGE DECK PL JL3-JL4 J26-J27													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	DECK	PL	3076* 16	8035		49.43	A	2.97	C	21.75	D	24.72	
4	URIB4	U	320* 240* 8	7993		43.08	C	13.36					
8	DIA	PL	234* 6	308		1.15	C	0.58					
2	H.H	PL	270* 16	630		0.68							
2	H.H	PL	270* 9	450		0.49							
12	H.H	BN	M 16* 60			0.03							
J26-J27					A	2.97	C	35.69	D	24.72			

APPROACH BRIDGE DECK PL JL3-JL4 J27-J28													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	DECK	PL	3061* 16	7058		43.21	A	2.59	C	19.01	D	21.60	
4	URIB4	U	320* 240* 8	7037		37.93	C	11.76					
8	DIA	PL	234* 6	308		1.15	C	0.58					
1	H.H	PL	270* 16	630		0.34							
1	H.H	PL	270* 9	450		0.24							
6	H.H	BN	M 16* 60			0.02							

Caluculation of Steel Primer

(Unit: mm,m²)

J27-J28										A	2.59	C	31.35	D	21.60		
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APPROACH BRIDGE DECK PL JL3-JL4 J28-J29																	
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks				
1	DECK	PL	3061* 16	7099		43.46	A	2.61	C	19.12	D	21.73					
4	URIB4	U	320* 240* 8	7078		38.15	C	11.83									
8	DIA	PL	234* 6	308		1.15	C	0.58									
1	H.H	PL	270* 16	630		0.34											
1	H.H	PL	270* 9	450		0.24											
6	H.H	BN	M 16* 60			0.02											
J28-J29										A	2.61	C	31.53	D	21.73		

APPROACH BRIDGE DECK PL JL3-JL4 J29-J30																	
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks				
1	DECK	PL	3061* 16	8397		51.41	A	3.08	C	22.62	D	25.70					
4	URIB4	U	320* 240* 8	8376		45.15	C	14.00									
8	DIA	PL	234* 6	308		1.15	C	0.58									
J29-J30										A	3.08	C	37.20	D	25.70		

APPROACH BRIDGE DECK PL JL3-JL4 J30-J31																	
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks				
1	DECK	PL	3061* 16	8159		49.95	A	3.00	C	21.98	D	24.97					
4	URIB4	U	320* 240* 8	8138		43.86	C	13.60									
8	DIA	PL	234* 6	308		1.15	C	0.58									
2	H.H	PL	270* 16	630		0.68											
2	H.H	PL	270* 9	450		0.49											
12	H.H	BN	M 16* 60			0.03											
J30-J31										A	3.00	C	36.16	D	24.97		

APPROACH BRIDGE DECK PL JL3-JL4 J31-J32																	
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks				
1	DECK	PL	3084* 16	8273		51.03	A	3.06	C	22.45	D	25.51					
4	URIB4	U	320* 240* 8	8220		44.31	C	13.73									
8	DIA	PL	234* 6	308		1.15	C	0.58									
J31-J32										A	3.06	C	36.76	D	25.51		

APPROACH BRIDGE DECK PL JL3-JL4 J32-GE2														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
							B	C	D					
1	DECK	PL	3073* 16	6169		37.91	B	2.27	C	16.68	D	18.96		
1	DECK	PL	3073* 16	1320		8.11	B	0.49	C	3.57	D	4.06		
4	URIB4	U	320* 240* 8	4075		21.96	C	6.81						
4	DIA	PL	234* 6	308		0.58	C	0.29						
8	RIB4	PL	750* 24	3261	60	23.48	C	23.48						
1	END	PL	260* 10	175		0.09	B	0.09						
1	END	PL	260* 10	2696		1.40	C	1.40						
1	END	PL	260* 10	175		0.09	B	0.09						
4	H-RIB	PL	296* 9	320		0.76	C	0.76						
4	BACKING	FB	50* 6	654		0.29								
4	BACKING	FB	50* 6	226		0.10								
1	H.H	PL	270* 16	630		0.34								
1	H.H	PL	270* 9	450		0.24								
6	H.H	BN	M 16* 60			0.02								
J32-GE2							B	2.94	C	52.99	D	23.02		
JL3-JL4							A	88.84	B	6.22	C	1179.97	D	789.28

Caluculation of Steel Primer

(Unit: mm, m²)

APPROACH BRIDGE DECK PL JL4-JL5 GE1-J1													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	DECK	PL	2944* 16	1120		6.59	B	3.30	D	3.30			
1	DECK	PL	2944* 16	7292		42.94	B	21.47	D	21.47			
2	URIB5	U	320* 240* 8	5215		14.05	B	3.65	C	0.70			
2	DIA	PL	234* 6	308		0.29	C	0.14					
4	RIB5	PL	750* 24	3064	60	11.03	B	11.03					
5	RIB5	PL	750* 24	8288	45	27.97	B	27.97					
1	END	PL	260* 10	2941		1.53	B	1.53					
2	H-RIB	PL	296* 9	320		0.38	B	0.38					
2	BACKING	FB	50* 6	654		0.14							
2	BACKING	FB	50* 6	226		0.05							
GE1-J1							B	69.33	C	0.84	D	24.77	

APPROACH BRIDGE DECK PL JL4-JL5 J1-J2													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	DECK	PL	2944* 16	8283		48.77	A	24.39	D	24.39			
2	URIB5	U	320* 240* 8	8256		22.25	A	5.78	C	1.11			
4	DIA	PL	234* 6	308		0.58	C	0.29					
5	RIB5	PL	250* 24	8256		20.64	A	20.64					
J1-J2							A	50.81	C	1.40	D	24.39	

APPROACH BRIDGE DECK PL JL4-JL5 J2-J3													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	DECK	PL	2944* 16	8320		48.99	A	24.49	D	24.49			
2	URIB5	U	320* 240* 8	8294		22.35	A	5.81	C	1.12			
4	DIA	PL	234* 6	308		0.58	C	0.29					
5	RIB5	PL	250* 24	8294		20.74	A	20.74					
J2-J3							A	51.04	C	1.41	D	24.49	

APPROACH BRIDGE DECK PL JL4-JL5 J3-J4													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	DECK	PL	2944* 16	8270		48.69	A	24.35	D	24.35			
2	URIB5	U	320* 240* 8	8244		22.22	A	5.78	C	1.11			
4	DIA	PL	234* 6	308		0.58	C	0.29					
5	RIB5	PL	250* 24	8244		20.61	A	20.61					

Caluculation of Steel Primer

(Unit: mm, m²)

J3-J4					A	50.74	C	1.40	D	24.35		
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APPROACH BRIDGE DECK PL JL4-JL5 J4-J5													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	DECK	PL	2944* 16	8370		49.28	A	24.64	D	24.64			
2	URIB5	U	320* 240* 8	8343		22.48	A	5.85	C	1.12			
4	DIA	PL	234* 6	308		0.58	C	0.29					
5	RIB5	PL	250* 24	8343		20.86	A	20.86					
J4-J5					A	51.35	C	1.41	D	24.64			

APPROACH BRIDGE DECK PL JL4-JL5 J5-J6													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	DECK	PL	2944* 16	8320		48.99	A	24.49	D	24.49			
2	URIB5	U	320* 240* 8	8293		22.35	A	5.81	C	1.12			
4	DIA	PL	234* 6	308		0.58	C	0.29					
5	RIB5	PL	250* 24	8293		20.73	A	20.73					
J5-J6					A	51.03	C	1.41	D	24.49			

APPROACH BRIDGE DECK PL JL4-JL5 J6-J7													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	DECK	PL	2944* 16	8320		48.99	A	24.49	D	24.49			
2	URIB5	U	320* 240* 8	8293		22.35	A	5.81	C	1.12			
4	DIA	PL	234* 6	308		0.58	C	0.29					
5	RIB5	PL	250* 24	8293		20.73	A	20.73					
J6-J7					A	51.03	C	1.41	D	24.49			

APPROACH BRIDGE DECK PL JL4-JL5 J7-J8													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	DECK	PL	2944* 16	8320		48.99	A	24.49	D	24.49			
2	URIB5	U	320* 240* 8	8293		22.35	A	5.81	C	1.12			
4	DIA	PL	234* 6	308		0.58	C	0.29					
5	RIB5	PL	250* 24	8293		20.73	A	20.73					
J7-J8					A	51.03	C	1.41	D	24.49			

APPROACH BRIDGE DECK PL JL4-JL5 J8-J9												
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Caluculation of Steel Primer

(Unit: mm, m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
1	DECK	PL	2943* 16	6993		41.16	A	20.58	D	20.58			
2	URIB5	U	320* 240* 8	6968		18.78	A	4.88	C	0.94			
4	DIA	PL	234* 6	308		0.58	C	0.29					
5	RIB5	PL	250* 24	6968		17.42	A	17.42					
J8-J9							A	42.88	C	1.23	D	20.58	

APPROACH BRIDGE DECK PL JL4-JL5 J9-J10													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
1	DECK	PL	2942* 16	5864		34.50	A	17.25	D	17.25			
2	URIB5	U	320* 240* 8	5840		15.74	A	4.09	C	0.79			
4	DIA	PL	234* 6	308		0.58	C	0.29					
5	RIB5	PL	250* 24	5840		14.60	A	14.60					
J9-J10							A	35.94	C	1.08	D	17.25	

APPROACH BRIDGE DECK PL JL4-JL5 J10-J11													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
1	DECK	PL	2943* 16	7103		41.81	A	20.90	D	20.90			
2	URIB5	U	320* 240* 8	7077		19.07	A	4.96	C	0.95			
4	DIA	PL	234* 6	308		0.58	C	0.29					
5	RIB5	PL	250* 24	7077		17.69	A	17.69					
J10-J11							A	43.55	C	1.24	D	20.90	

APPROACH BRIDGE DECK PL JL4-JL5 J11-J12													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
1	DECK	PL	2944* 16	8407		49.50	A	24.75	D	24.75			
2	URIB5	U	320* 240* 8	8380		22.58	A	5.87	C	1.13			
4	DIA	PL	234* 6	308		0.58	C	0.29					
5	RIB5	PL	250* 24	8380		20.95	A	20.95					
J11-J12							A	51.57	C	1.42	D	24.75	

APPROACH BRIDGE DECK PL JL4-JL5 J12-J13													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
1	DECK	PL	2944* 16	8407		49.50	A	24.75	D	24.75			
2	URIB5	U	320* 240* 8	8380		22.58	A	5.87	C	1.13			
4	DIA	PL	234* 6	308		0.58	C	0.29					

Caluculation of Steel Primer

(Unit: mm, m²)

5	RIB5	PL	250* 24	8380		20.95	A	20.95						
J12-J13							A	51.57	C	1.42	D	24.75		

APPROACH BRIDGE DECK PL JL4-JL5 J13-J14														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	DECK	PL	2943* 16	7206		42.41	A	21.21	D	21.21				
2	URIB5	U	320* 240* 8	7180		19.35	A	5.03	C	0.97				
4	DIA	PL	234* 6	308		0.58	C	0.29						
5	RIB5	PL	250* 24	7180		17.95	A	17.95						
J13-J14							A	44.19	C	1.26	D	21.21		

APPROACH BRIDGE DECK PL JL4-JL5 J14-J15														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	DECK	PL	2944* 16	8407		49.50	A	24.75	D	24.75				
2	URIB5	U	320* 240* 8	8380		22.58	A	5.87	C	1.13				
4	DIA	PL	234* 6	308		0.58	C	0.29						
5	RIB5	PL	250* 24	8380		20.95	A	20.95						
J14-J15							A	51.57	C	1.42	D	24.75		

APPROACH BRIDGE DECK PL JL4-JL5 J15-J16														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	DECK	PL	2943* 16	7206		42.41	A	21.21	D	21.21				
2	URIB5	U	320* 240* 8	7180		19.35	A	5.03	C	0.97				
4	DIA	PL	234* 6	308		0.58	C	0.29						
5	RIB5	PL	250* 24	7180		17.95	A	17.95						
J15-J16							A	44.19	C	1.26	D	21.21		

APPROACH BRIDGE DECK PL JL4-JL5 J16-J17														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	DECK	PL	2944* 16	8407		49.50	A	24.75	D	24.75				
2	URIB5	U	320* 240* 8	8380		22.58	A	5.87	C	1.13				
4	DIA	PL	234* 6	308		0.58	C	0.29						
5	RIB5	PL	250* 24	8380		20.95	A	20.95						
J16-J17							A	51.57	C	1.42	D	24.75		

Caluculation of Steel Primer

(Unit: mm, m²)

APPROACH BRIDGE DECK PL JL4-JL5 J17-J18													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks	
1	DECK	PL	2944* 16	8407		49.50	A	24.75	D	24.75			
2	URIB5	U	320* 240* 8	8380		22.58	A	5.87	C	1.13			
4	DIA	PL	234* 6	308		0.58	C	0.29					
5	RIB5	PL	250* 24	8380		20.95	A	20.95					
J17-J18							A	51.57	C	1.42	D	24.75	

APPROACH BRIDGE DECK PL JL4-JL5 J18-J19													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks	
1	DECK	PL	2943* 16	6853		40.34	A	20.17	D	20.17			
2	URIB5	U	320* 240* 8	6827		18.40	A	4.78	C	0.92			
4	DIA	PL	234* 6	308		0.58	C	0.29					
5	RIB5	PL	250* 24	6827		17.07	A	17.07					
J18-J19							A	42.02	C	1.21	D	20.17	

APPROACH BRIDGE DECK PL JL4-JL5 J19-J20													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks	
1	DECK	PL	2942* 16	6199		36.47	A	18.24	D	18.24			
2	URIB5	U	320* 240* 8	6174		16.64	A	4.33	C	0.83			
4	DIA	PL	234* 6	308		0.58	C	0.29					
5	RIB5	PL	250* 24	6174		15.44	A	15.44					
J19-J20							A	38.01	C	1.12	D	18.24	

APPROACH BRIDGE DECK PL JL4-JL5 J20-J21													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks	
1	DECK	PL	2943* 16	6502		38.27	A	19.14	D	19.14			
2	URIB5	U	320* 240* 8	6476		17.45	A	4.54	C	0.87			
4	DIA	PL	234* 6	308		0.58	C	0.29					
5	RIB5	PL	250* 24	6476		16.19	A	16.19					
J20-J21							A	39.87	C	1.16	D	19.14	

APPROACH BRIDGE DECK PL JL4-JL5 J21-J22												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	DECK	PL	2943* 16	7055		41.53	A	20.76	D	20.76		

Caluculation of Steel Primer

(Unit: mm, m²)

2	URIB5	U	320* 240* 8	7030		18.95	A	4.93	C	0.95				
4	DIA	PL	234* 6	308		0.58	C	0.29						
5	RIB5	PL	250* 24	7030		17.58	A	17.58						
J21-J22							A	43.27	C	1.24	D	20.76		

APPROACH BRIDGE DECK PL JL4-JL5 J22-J23														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	DECK	PL	2944* 16	8231		48.46	A	24.23	D	24.23				
2	URIB5	U	320* 240* 8	8205		22.11	A	5.75	C	1.11				
4	DIA	PL	234* 6	308		0.58	C	0.29						
5	RIB5	PL	250* 24	8205		20.51	A	20.51						
J22-J23							A	50.49	C	1.40	D	24.23		

APPROACH BRIDGE DECK PL JL4-JL5 J23-J24														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	DECK	PL	2944* 16	8231		48.46	A	24.23	D	24.23				
2	URIB5	U	320* 240* 8	8205		22.11	A	5.75	C	1.11				
4	DIA	PL	234* 6	308		0.58	C	0.29						
5	RIB5	PL	250* 24	8205		20.51	A	20.51						
J23-J24							A	50.49	C	1.40	D	24.23		

APPROACH BRIDGE DECK PL JL4-JL5 J24-J25														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	DECK	PL	2944* 16	8151		47.99	A	24.00	D	24.00				
2	URIB5	U	320* 240* 8	8125		21.90	A	5.69	C	1.09				
4	DIA	PL	234* 6	308		0.58	C	0.29						
5	RIB5	PL	250* 24	8125		20.31	A	20.31						
J24-J25							A	50.00	C	1.38	D	24.00		

APPROACH BRIDGE DECK PL JL4-JL5 J25-J26														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	DECK	PL	2979* 16	8411		50.11	A	25.06	D	25.06				
2	URIB5	U	320* 240* 8	8368		22.55	A	5.86	C	1.13				
4	DIA	PL	234* 6	308		0.58	C	0.29						
5	RIB5	PL	250* 24	8368		20.92	A	20.92						

Caluculation of Steel Primer

(Unit: mm,m²)

J25-J26				A	51.84	C	1.42	D	25.06		
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APPROACH BRIDGE DECK PL JL4-JL5 J26-J27

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	DECK	PL	3320* 16	8035		53.35	A	26.68	D	26.68		
2	URIB5	U	320* 240* 8	8008		21.58	A	5.61	C	1.08		
4	DIA	PL	234* 6	308		0.58	C	0.29				
5	RIB5	PL	250* 24	8008		20.02	A	20.02				
1	RIB5	PL	250* 24	6281		3.14	A	3.14				
J26-J27					A	55.45	C	1.37	D	26.68		
JL4-JL5					A	1247.07	B	69.33	C	35.56	D	623.52

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DECK PL JL4-JL4A J27-J28												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	DECK	PL	1884* 16	7057		26.59	A	13.30	D	13.30		
1	URIB5	U	320* 240* 8	7031		9.47	A	2.46	C	0.47		
2	DIA	PL	234* 6	308		0.29	C	0.14				
3	RIB5	PL	250* 24	7031		10.55	A	10.55				
1	RIB5	PL	250* 24	6338		3.17	A	3.17				
J27-J28							A	29.48	C	0.61	D	13.30

APPROACH BRIDGE DECK PL JL4-JL4A J28-J29												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	DECK	PL	2050* 16	7097		29.10	A	14.55	D	14.55		
1	URIB5	U	320* 240* 8	7071		9.53	A	2.48	C	0.48		
2	DIA	PL	234* 6	308		0.29	C	0.14				
4	RIB5	PL	250* 24	7070		14.14	A	14.14				
J28-J29							A	31.17	C	0.62	D	14.55

APPROACH BRIDGE DECK PL JL4-JL4A J29-J30												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	DECK	PL	2278* 16	8394		38.24	A	19.12	D	19.12		
1	URIB5	U	320* 240* 8	8367		11.27	A	2.93	C	0.56		
2	DIA	PL	234* 6	308		0.29	C	0.14				
4	RIB5	PL	250* 24	8366		16.73	A	16.73				
1	RIB5	PL	250* 24	5363		2.68	A	2.68				
J29-J30							A	41.46	C	0.70	D	19.12

APPROACH BRIDGE DECK PL JL4-JL4A J30-J31												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	DECK	PL	2534* 16	8155		41.33	A	20.66	D	20.66		
1	URIB5	U	320* 240* 8	8127		10.95	A	2.85	C	0.55		
2	DIA	PL	234* 6	308		0.29	C	0.14				
5	RIB5	PL	250* 24	8126		20.32	A	20.32				
1	RIB5	PL	250* 24	1758		0.88	A	0.88				
J30-J31							A	44.71	C	0.69	D	20.66

APPROACH BRIDGE DECK PL JL4-JL4A J31-J32												
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Caluculation of Steel Primer

(Unit: mm,m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
1	DECK	PL	2755* 16	8204		45.20	A	22.60	D	22.60			
1	URIB5	U	320* 240* 8	8170		11.01	A	2.86	C	0.55			
2	DIA	PL	234* 6	308		0.29	C	0.14					
6	RIB5	PL	250* 24	8170		24.51	A	24.51					
J31-J32							A	49.97	C	0.69	D	22.60	

APPROACH BRIDGE DECK PL JL4-JL4A J32-GE2														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
1	DECK	PL	2755* 16	6137		33.81	B	16.91	D	16.91				
1	DECK	PL	2755* 16	1320		7.27	B	3.64	D	3.64				
1	URIB5	U	320* 240* 8	4050		5.46	B	1.42	C	0.27				
1	DIA	PL	234* 6	308		0.14	C	0.07						
6	RIB5	PL	750* 24	7324	45	29.66	B	29.66						
2	RIB5	PL	750* 24	3261	60	5.87	B	5.87						
1	END	PL	260* 10	2771		1.44	B	1.44						
1	H-RIB	PL	296* 9	320		0.19	B	0.19						
1	BACKING	FB	50* 6	654		0.10								
1	BACKING	FB	50* 6	226		0.05								
J32-GE2							B	59.13	C	0.34	D	20.55		
JL4-JL4A							A	196.79	B	59.13	C	3.65	D	110.78

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DECK PL JL4A-JL5 J27-J28												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	DECK	PL	1790* 16	7057		25.26	A	12.63	D	12.63		
1	URIB5	U	320* 240* 8	7031		9.47	A	2.46	C	0.47		
2	DIA	PL	234* 6	308		0.29	C	0.14				
3	RIB5	PL	250* 24	7031		10.55	A	10.55				
1	RIB5	PL	250* 24	1637		0.82	A	0.82				
J27-J28							A	26.46	C	0.61	D	12.63

APPROACH BRIDGE DECK PL JL4A-JL5 J28-J29												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	DECK	PL	1980* 16	7097		28.10	A	14.05	D	14.05		
1	URIB5	U	320* 240* 8	7071		9.53	A	2.48	C	0.48		
2	DIA	PL	234* 6	308		0.29	C	0.14				
4	RIB5	PL	250* 24	7070		14.14	A	14.14				
J28-J29							A	30.67	C	0.62	D	14.05

APPROACH BRIDGE DECK PL JL4A-JL5 J29-J30												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	DECK	PL	2174* 16	8394		36.50	A	18.25	D	18.25		
1	URIB5	U	320* 240* 8	8367		11.27	A	2.93	C	0.56		
2	DIA	PL	234* 6	308		0.29	C	0.14				
4	RIB5	PL	250* 24	8366		16.73	A	16.73				
1	RIB5	PL	250* 24	3011		1.51	A	1.51				
J29-J30							A	39.42	C	0.70	D	18.25

APPROACH BRIDGE DECK PL JL4A-JL5 J30-J31												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	DECK	PL	2329* 16	8155		37.99	A	18.99	D	18.99		
1	URIB5	U	320* 240* 8	8127		10.95	A	2.85	C	0.55		
2	DIA	PL	234* 6	308		0.29	C	0.14				
5	RIB5	PL	250* 24	8126		20.32	A	20.32				
J30-J31							A	42.16	C	0.69	D	18.99

APPROACH BRIDGE DECK PL JL4A-JL5 J31-J32												
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Caluculation of Steel Primer

(Unit: mm,m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
1	DECK	PL	2382* 16	8204		39.08	A	19.54	D	19.54			
1	URIB5	U	320* 240* 8	8170		11.01	A	2.86	C	0.55			
2	DIA	PL	234* 6	308		0.29	C	0.14					
5	RIB5	PL	250* 24	8170		20.43	A	20.43					
J31-J32							A	42.83	C	0.69	D	19.54	

APPROACH BRIDGE DECK PL JL4A-JL5 J32-GE2														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
1	DECK	PL	2411* 16	6137		29.59	B	14.80	D	14.80				
1	DECK	PL	2411* 16	1320		6.37	B	3.18	D	3.18				
1	URIB5	U	320* 240* 8	4050		5.46	B	1.42	C	0.27				
1	DIA	PL	234* 6	308		0.14	C	0.07						
5	RIB5	PL	750* 24	7324	45	24.72	B	24.72						
2	RIB5	PL	750* 24	3261	60	5.87	B	5.87						
1	END	PL	260* 10	2376		1.24	B	1.24						
1	H-RIB	PL	296* 9	320		0.19	B	0.19						
1	BACKING	FB	50* 6	654		0.10								
1	BACKING	FB	50* 6	226		0.05								
J32-GE2							B	51.42	C	0.34	D	17.98		
JL4A-JL5							A	181.54	B	51.42	C	3.65	D	101.44

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DECK PL JL5-JL6 GE1-J1													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	DECK	PL	3065* 16	1120		6.87	B	0.41	C	3.02	D	3.43	
1	DECK	PL	3065* 16	7280		44.63	B	2.68	C	19.64	D	22.31	
4	URIB6	U	320* 240* 8	5212		28.09	C	8.71					
4	DIA	PL	234* 6	308		0.58	C	0.29					
8	RIB6	PL	750* 24	3054	60	21.99	C	21.99					
1	END	PL	260* 10	175		0.09	B	0.09					
1	END	PL	260* 10	2696		1.40	C	1.40					
1	END	PL	260* 10	175		0.09	B	0.09					
4	H-RIB	PL	296* 9	320		0.76	C	0.76					
4	BACKING	FB	50* 6	654		0.29							
4	BACKING	FB	50* 6	226		0.10							
GE1-J1							B	3.27	C	55.81	D	25.74	

APPROACH BRIDGE DECK PL JL5-JL6 J1-J2													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	DECK	PL	3065* 16	8271		50.70	A	3.04	C	22.31	D	25.35	
4	URIB6	U	320* 240* 8	8244		44.44	C	13.77					
8	DIA	PL	234* 6	308		1.15	C	0.58					
2	H.H	PL	270* 16	630		0.68							
2	H.H	PL	270* 9	450		0.49							
12	H.H	BN	M 16* 60			0.03							
J1-J2							A	3.04	C	36.66	D	25.35	

APPROACH BRIDGE DECK PL JL5-JL6 J2-J3													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	DECK	PL	3065* 16	8308		50.93	A	3.06	C	22.41	D	25.46	
4	URIB6	U	320* 240* 8	8281		44.63	C	13.84					
8	DIA	PL	234* 6	308		1.15	C	0.58					
J2-J3							A	3.06	C	36.83	D	25.46	

APPROACH BRIDGE DECK PL JL5-JL6 J3-J4													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	DECK	PL	3065* 16	8258		50.62	A	3.04	C	22.27	D	25.31	
4	URIB6	U	320* 240* 8	8231		44.37	C	13.75					
8	DIA	PL	234* 6	308		1.15	C	0.58					

Caluculation of Steel Primer

(Unit: mm, m²)

2	H.H	PL	270* 16	630		0.68								
2	H.H	PL	270* 9	450		0.49								
12	H.H	BN	M 16* 60			0.03								
J3-J4							A	3.04	C	36.60	D	25.31		

APPROACH BRIDGE DECK PL JL5-JL6 J4-J5														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	DECK	PL	3065* 16	8358		51.23	A	3.07	C	22.54	D	25.62		
4	URIB6	U	320* 240* 8	8331		44.90	C	13.92						
8	DIA	PL	234* 6	308		1.15	C	0.58						
J4-J5							A	3.07	C	37.04	D	25.62		

APPROACH BRIDGE DECK PL JL5-JL6 J5-J6														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	DECK	PL	3065* 16	8308		50.93	A	3.06	C	22.41	D	25.46		
4	URIB6	U	320* 240* 8	8281		44.63	C	13.84						
8	DIA	PL	234* 6	308		1.15	C	0.58						
2	H.H	PL	270* 16	630		0.68								
2	H.H	PL	270* 9	450		0.49								
12	H.H	BN	M 16* 60			0.03								
J5-J6							A	3.06	C	36.83	D	25.46		

APPROACH BRIDGE DECK PL JL5-JL6 J6-J7														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	DECK	PL	3065* 16	8308		50.93	A	3.06	C	22.41	D	25.46		
4	URIB6	U	320* 240* 8	8281		44.63	C	13.84						
8	DIA	PL	234* 6	308		1.15	C	0.58						
J6-J7							A	3.06	C	36.83	D	25.46		

APPROACH BRIDGE DECK PL JL5-JL6 J7-J8														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	DECK	PL	3065* 16	8307		50.92	A	3.06	C	22.41	D	25.46		
4	URIB6	U	320* 240* 8	8281		44.63	C	13.84						
8	DIA	PL	234* 6	308		1.15	C	0.58						
2	H.H	PL	270* 16	630		0.68								
2	H.H	PL	270* 9	450		0.49								

Caluculation of Steel Primer

(Unit: mm,m²)

12	H.H	BN	M 16* 60			0.03								
J7-J8						A	3.06	C	36.83	D	25.46			

APPROACH BRIDGE DECK PL JL5-JL6 J8-J9													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	DECK	PL	3064* 16	6983		42.79	A	2.57	C	18.83	D	21.40	
4	URIB6	U	320* 240* 8	6957		37.50	C	11.62					
8	DIA	PL	234* 6	308		1.15	C	0.58					
1	H.H	PL	270* 16	630		0.34							
1	H.H	PL	270* 9	450		0.24							
6	H.H	BN	M 16* 60			0.02							
J8-J9						A	2.57	C	31.03	D	21.40		

APPROACH BRIDGE DECK PL JL5-JL6 J9-J10													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	DECK	PL	3063* 16	5856		35.87	A	2.15	C	15.78	D	17.94	
4	URIB6	U	320* 240* 8	5831		31.43	C	9.74					
8	DIA	PL	234* 6	308		1.15	C	0.58					
J9-J10						A	2.15	C	26.10	D	17.94		

APPROACH BRIDGE DECK PL JL5-JL6 J10-J11													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	DECK	PL	3064* 16	7092		43.46	A	2.61	C	19.12	D	21.73	
4	URIB6	U	320* 240* 8	7067		38.09	C	11.81					
8	DIA	PL	234* 6	308		1.15	C	0.58					
1	H.H	PL	270* 16	630		0.34							
1	H.H	PL	270* 9	450		0.24							
6	H.H	BN	M 16* 60			0.02							
J10-J11						A	2.61	C	31.51	D	21.73		

APPROACH BRIDGE DECK PL JL5-JL6 J11-J12													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	DECK	PL	3065* 16	8395		51.46	A	3.09	C	22.64	D	25.73	
4	URIB6	U	320* 240* 8	8368		45.10	C	13.98					
8	DIA	PL	234* 6	308		1.15	C	0.58					
2	H.H	PL	270* 16	630		0.68							

Caluculation of Steel Primer

(Unit: mm, m²)

2	H.H	PL	270* 9	450	0.49								
12	H.H	BN	M 16* 60		0.03								
J11-J12						A	3.09	C	37.20	D	25.73		

APPROACH BRIDGE DECK PL JL5-JL6 J12-J13													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	DECK	PL	3065* 16	8395		51.46	A	3.09	C	22.64	D	25.73	
4	URIB6	U	320* 240* 8	8368		45.10	C	13.98					
8	DIA	PL	234* 6	308		1.15	C	0.58					
J12-J13						A	3.09	C	37.20	D	25.73		

APPROACH BRIDGE DECK PL JL5-JL6 J13-J14													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	DECK	PL	3064* 16	7195		44.09	A	2.65	C	19.40	D	22.05	
4	URIB6	U	320* 240* 8	7169		38.64	C	11.98					
8	DIA	PL	234* 6	308		1.15	C	0.58					
1	H.H	PL	270* 16	630		0.34							
1	H.H	PL	270* 9	450		0.24							
6	H.H	BN	M 16* 60		0.02								
J13-J14						A	2.65	C	31.96	D	22.05		

APPROACH BRIDGE DECK PL JL5-JL6 J14-J15													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	DECK	PL	3065* 16	8394		51.46	A	3.09	C	22.64	D	25.73	
4	URIB6	U	320* 240* 8	8368		45.10	C	13.98					
8	DIA	PL	234* 6	308		1.15	C	0.58					
2	H.H	PL	270* 16	630		0.68							
2	H.H	PL	270* 9	450		0.49							
12	H.H	BN	M 16* 60		0.03								
J14-J15						A	3.09	C	37.20	D	25.73		

APPROACH BRIDGE DECK PL JL5-JL6 J15-J16													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	DECK	PL	3064* 16	7195		44.09	A	2.65	C	19.40	D	22.05	
4	URIB6	U	320* 240* 8	7169		38.64	C	11.98					
8	DIA	PL	234* 6	308		1.15	C	0.58					

Caluculation of Steel Primer

(Unit: mm, m²)

1	H.H	PL	270* 16	630	0.34								
1	H.H	PL	270* 9	450	0.24								
6	H.H	BN	M 16* 60		0.02								
J15-J16						A	2.65	C	31.96	D	22.05		

APPROACH BRIDGE DECK PL JL5-JL6 J16-J17													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	DECK	PL	3065* 16	8394		51.46	A	3.09	C	22.64	D	25.73	
4	URIB6	U	320* 240* 8	8367		45.10	C	13.98					
8	DIA	PL	234* 6	308		1.15	C	0.58					
J16-J17						A	3.09	C	37.20	D	25.73		

APPROACH BRIDGE DECK PL JL5-JL6 J17-J18													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	DECK	PL	3065* 16	8394		51.46	A	3.09	C	22.64	D	25.73	
4	URIB6	U	320* 240* 8	8367		45.10	C	13.98					
8	DIA	PL	234* 6	308		1.15	C	0.58					
2	H.H	PL	270* 16	630		0.68							
2	H.H	PL	270* 9	450		0.49							
12	H.H	BN	M 16* 60			0.03							
J17-J18						A	3.09	C	37.20	D	25.73		

APPROACH BRIDGE DECK PL JL5-JL6 J18-J19													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	DECK	PL	3063* 16	6843		41.92	A	2.52	C	18.44	D	20.96	
4	URIB6	U	320* 240* 8	6817		36.74	C	11.39					
8	DIA	PL	234* 6	308		1.15	C	0.58					
1	H.H	PL	270* 16	630		0.34							
1	H.H	PL	270* 9	450		0.24							
6	H.H	BN	M 16* 60			0.02							
J18-J19						A	2.52	C	30.41	D	20.96		

APPROACH BRIDGE DECK PL JL5-JL6 J19-J20													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	DECK	PL	3063* 16	6189		37.91	A	2.27	C	16.68	D	18.96	
4	URIB6	U	320* 240* 8	6164		33.22	C	10.30					

Caluculation of Steel Primer

(Unit: mm, m²)

8 DIA	PL	234* 6	308	1.15	C	0.58						
J19-J20						A	2.27	C	27.56	D	18.96	

APPROACH BRIDGE DECK PL JL5-JL6 J20-J21													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	DECK	PL	3063* 16	6492		39.77	A	2.39	C	17.50	D	19.88	
4	URIB6	U	320* 240* 8	6467		34.86	C	10.81					
8	DIA	PL	234* 6	308		1.15	C	0.58					
1	H.H	PL	270* 16	630		0.34							
1	H.H	PL	270* 9	450		0.24							
6	H.H	BN	M 16* 60			0.02							
J20-J21						A	2.39	C	28.89	D	19.88		

APPROACH BRIDGE DECK PL JL5-JL6 J21-J22													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	DECK	PL	3064* 16	7045		43.17	A	2.59	C	19.00	D	21.59	
4	URIB6	U	320* 240* 8	7019		37.83	C	11.73					
8	DIA	PL	234* 6	308		1.15	C	0.58					
1	H.H	PL	270* 16	630		0.34							
1	H.H	PL	270* 9	450		0.24							
6	H.H	BN	M 16* 60			0.02							
J21-J22						A	2.59	C	31.31	D	21.59		

APPROACH BRIDGE DECK PL JL5-JL6 J22-J23													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	DECK	PL	3065* 16	8219		50.38	A	3.02	C	22.17	D	25.19	
4	URIB6	U	320* 240* 8	8192		44.15	C	13.69					
8	DIA	PL	234* 6	308		1.15	C	0.58					
2	H.H	PL	270* 16	630		0.68							
2	H.H	PL	270* 9	450		0.49							
12	H.H	BN	M 16* 60			0.03							
J22-J23						A	3.02	C	36.44	D	25.19		

APPROACH BRIDGE DECK PL JL5-JL6 J23-J24													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	DECK	PL	3064* 16	8219		50.37	A	3.02	C	22.16	D	25.18	

Caluculation of Steel Primer

(Unit: mm, m²)

4	URIB6	U	320* 240* 8	8192		44.15	C	13.69					
8	DIA	PL	234* 6	308		1.15	C	0.58					
J23-J24							A	3.02	C	36.43	D	25.18	

APPROACH BRIDGE DECK PL JL5-JL6 J24-J25													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	DECK	PL	3065* 16	8139		49.89	A	2.99	C	21.95	D	24.95	
4	URIB6	U	320* 240* 8	8113		43.73	C	13.56					
8	DIA	PL	234* 6	308		1.15	C	0.58					
2	H.H	PL	270* 16	630		0.68							
2	H.H	PL	270* 9	450		0.49							
12	H.H	BN	M 16* 60			0.03							
J24-J25							A	2.99	C	36.09	D	24.95	

APPROACH BRIDGE DECK PL JL5-JL6 J25-J26													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	DECK	PL	3098* 16	8384		51.95	A	3.12	C	22.86	D	25.97	
4	URIB6	U	320* 240* 8	8324		44.87	C	13.91					
8	DIA	PL	234* 6	308		1.15	C	0.58					
J25-J26							A	3.12	C	37.35	D	25.97	

APPROACH BRIDGE DECK PL JL5-JL6 J26-J27													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	DECK	PL	3075* 16	8023		49.34	A	2.96	C	21.71	D	24.67	
4	URIB6	U	320* 240* 8	7981		43.02	C	13.34					
8	DIA	PL	234* 6	308		1.15	C	0.58					
2	H.H	PL	270* 16	630		0.68							
2	H.H	PL	270* 9	450		0.49							
12	H.H	BN	M 16* 60			0.03							
J26-J27							A	2.96	C	35.63	D	24.67	

APPROACH BRIDGE DECK PL JL5-JL6 J27-J28													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	DECK	PL	3061* 16	7046		43.14	A	2.59	C	18.98	D	21.57	
4	URIB6	U	320* 240* 8	7026		37.87	C	11.74					
8	DIA	PL	234* 6	308		1.15	C	0.58					

Caluculation of Steel Primer

(Unit: mm, m²)

1	H.H	PL	270* 16	630	0.34								
1	H.H	PL	270* 9	450	0.24								
6	H.H	BN	M 16* 60		0.02								
J27-J28						A	2.59	C	31.30	D	21.57		

APPROACH BRIDGE DECK PL JL5-JL6 J28-J29													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	DECK	PL	3061* 16	7085		43.37	A	2.60	C	19.08	D	21.69	
4	URIB6	U	320* 240* 8	7064		38.07	C	11.80					
8	DIA	PL	234* 6	308		1.15	C	0.58					
1	H.H	PL	270* 16	630		0.34							
1	H.H	PL	270* 9	450		0.24							
6	H.H	BN	M 16* 60			0.02							
J28-J29						A	2.60	C	31.46	D	21.69		

APPROACH BRIDGE DECK PL JL5-JL6 J29-J30													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	DECK	PL	3061* 16	8377		51.28	A	3.08	C	22.56	D	25.64	
4	URIB6	U	320* 240* 8	8357		45.04	C	13.96					
8	DIA	PL	234* 6	308		1.15	C	0.58					
J29-J30						A	3.08	C	37.10	D	25.64		

APPROACH BRIDGE DECK PL JL5-JL6 J30-J31													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	DECK	PL	3061* 16	8136		49.81	A	2.99	C	21.92	D	24.90	
4	URIB6	U	320* 240* 8	8115		43.74	C	13.56					
8	DIA	PL	234* 6	308		1.15	C	0.58					
2	H.H	PL	270* 16	630		0.68							
2	H.H	PL	270* 9	450		0.49							
12	H.H	BN	M 16* 60			0.03							
J30-J31						A	2.99	C	36.06	D	24.90		

APPROACH BRIDGE DECK PL JL5-JL6 J31-J32													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	DECK	PL	3084* 16	8240		50.82	A	3.05	C	22.36	D	25.41	
4	URIB6	U	320* 240* 8	8187		44.13	C	13.68					

Caluculation of Steel Primer

(Unit: mm,m²)

8	DIA	PL	234* 6	308		1.15	C	0.58						
J31-J32							A	3.05	C	36.62	D	25.41		

APPROACH BRIDGE DECK PL JL5-JL6 J32-GE2														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
							B	C	D					
1	DECK	PL	3070* 16	6129		37.63	B	2.26	C	16.56	D	18.82		
1	DECK	PL	3070* 16	1320		8.10	B	0.49	C	3.57	D	4.05		
4	URIB6	U	320* 240* 8	4046		21.81	C	6.76						
4	DIA	PL	234* 6	308		0.58	C	0.29						
8	RIB6	PL	750* 24	3261	60	23.48	C	23.48						
1	END	PL	260* 10	175		0.09	B	0.09						
1	END	PL	260* 10	2696		1.40	C	1.40						
1	END	PL	260* 10	175		0.09	B	0.09						
4	H-RIB	PL	296* 9	320		0.76	C	0.76						
4	BACKING	FB	50* 6	654		0.29								
4	BACKING	FB	50* 6	226		0.10								
J32-GE2							B	2.93	C	52.82	D	22.87		
JL5-JL6							A	88.66	B	6.20	C	1177.46	D	787.11

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DECK PL JL6-JL6A GE1-J1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	DECK	PL	1920* 16	1120		4.30	B	2.15	D	2.15		
1	DECK	PL	1920* 16	7267		27.91	B	13.95	D	13.95		
3	URIB7	U	320* 240* 8	5201		21.03	B	5.47	C	1.05		
3	DIA	PL	234* 6	308		0.43	C	0.22				
6	RIB7	PL	750* 24	3054	60	16.49	B	16.49				
1	END	PL	260* 10	1926		1.00	B	1.00				
3	H-RIB	PL	296* 9	320		0.57	B	0.57				
3	BACKING	FB	50* 6	654		0.24						
3	BACKING	FB	50* 6	226		0.10						
GE1-J1							B	39.63	C	1.27	D	16.10

APPROACH BRIDGE DECK PL JL6-JL6A J1-J2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	DECK	PL	1900* 16	8258		31.38	A	15.69	D	15.69		
3	URIB7	U	320* 240* 8	8228		33.26	A	8.65	C	1.66		
6	DIA	PL	234* 6	308		0.86	C	0.43				
J1-J2							A	24.34	C	2.09	D	15.69

APPROACH BRIDGE DECK PL JL6-JL6A J2-J3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	DECK	PL	1900* 16	8295		31.52	A	15.76	D	15.76		
3	URIB7	U	320* 240* 8	8266		33.42	A	8.69	C	1.67		
6	DIA	PL	234* 6	308		0.86	C	0.43				
J2-J3							A	24.45	C	2.10	D	15.76

APPROACH BRIDGE DECK PL JL6-JL6A J3-J4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	DECK	PL	1900* 16	8246		31.33	A	15.67	D	15.67		
3	URIB7	U	320* 240* 8	8213		33.20	A	8.63	C	1.66		
6	DIA	PL	234* 6	308		0.86	C	0.43				
J3-J4							A	24.30	C	2.09	D	15.67

APPROACH BRIDGE DECK PL JL6-JL6A J4-J5												
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Caluculation of Steel Primer

(Unit: mm, m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
1	DECK	PL	1900* 16	8345		31.71	A	15.86	D	15.86			
3	URIB7	U	320* 240* 8	8312		33.60	A	8.74	C	1.68			
6	DIA	PL	234* 6	308		0.86	C	0.43					
J4-J5							A	24.60	C	2.11	D	15.86	

APPROACH BRIDGE DECK PL JL6-JL6A J5-J6													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
1	DECK	PL	1900* 16	8295		31.52	A	15.76	D	15.76			
3	URIB7	U	320* 240* 8	8265		33.41	A	8.69	C	1.67			
6	DIA	PL	234* 6	308		0.86	C	0.43					
J5-J6							A	24.45	C	2.10	D	15.76	

APPROACH BRIDGE DECK PL JL6-JL6A J6-J7													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
1	DECK	PL	1900* 16	8295		31.52	A	15.76	D	15.76			
3	URIB7	U	320* 240* 8	8263		33.40	A	8.68	C	1.67			
6	DIA	PL	234* 6	308		0.86	C	0.43					
J6-J7							A	24.44	C	2.10	D	15.76	

APPROACH BRIDGE DECK PL JL6-JL6A J7-J8													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
1	DECK	PL	1900* 16	8295		31.52	A	15.76	D	15.76			
3	URIB7	U	320* 240* 8	8264		33.41	A	8.69	C	1.67			
6	DIA	PL	234* 6	308		0.86	C	0.43					
J7-J8							A	24.45	C	2.10	D	15.76	

APPROACH BRIDGE DECK PL JL6-JL6A J8-J9													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
1	DECK	PL	1900* 16	6973		26.50	A	13.25	D	13.25			
3	URIB7	U	320* 240* 8	6942		28.06	A	7.30	C	1.40			
6	DIA	PL	234* 6	308		0.86	C	0.43					
J8-J9							A	20.55	C	1.83	D	13.25	

APPROACH BRIDGE DECK PL JL6-JL6A J9-J10												
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Caluculation of Steel Primer

(Unit: mm, m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
1	DECK	PL	1900* 16	5847		22.22	A	11.11	D	11.11			
3	URIB7	U	320* 240* 8	5820		23.53	A	6.12	C	1.18			
6	DIA	PL	234* 6	308		0.86	C	0.43					
J9-J10							A	17.23	C	1.61	D	11.11	

APPROACH BRIDGE DECK PL JL6-JL6A J10-J11													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
1	DECK	PL	1900* 16	7082		26.91	A	13.46	D	13.46			
3	URIB7	U	320* 240* 8	7052		28.51	A	7.41	C	1.43			
6	DIA	PL	234* 6	308		0.86	C	0.43					
J10-J11							A	20.87	C	1.86	D	13.46	

APPROACH BRIDGE DECK PL JL6-JL6A J11-J12													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
1	DECK	PL	1900* 16	8382		31.85	A	15.93	D	15.93			
3	URIB7	U	320* 240* 8	8352		33.76	A	8.78	C	1.69			
6	DIA	PL	234* 6	308		0.86	C	0.43					
J11-J12							A	24.71	C	2.12	D	15.93	

APPROACH BRIDGE DECK PL JL6-JL6A J12-J13													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
1	DECK	PL	1900* 16	8382		31.85	A	15.93	D	15.93			
3	URIB7	U	320* 240* 8	8351		33.76	A	8.78	C	1.69			
6	DIA	PL	234* 6	308		0.86	C	0.43					
J12-J13							A	24.71	C	2.12	D	15.93	

APPROACH BRIDGE DECK PL JL6-JL6A J13-J14													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
1	DECK	PL	1900* 16	7184		27.30	A	13.65	D	13.65			
3	URIB7	U	320* 240* 8	7156		28.93	A	7.52	C	1.45			
6	DIA	PL	234* 6	308		0.86	C	0.43					
J13-J14							A	21.17	C	1.88	D	13.65	

Caluculation of Steel Primer

(Unit: mm, m²)

APPROACH BRIDGE DECK PL JL6-JL6A J14-J15													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	DECK	PL	1900* 16	8382		31.85	A	15.93	D	15.93			
3	URIB7	U	320* 240* 8	8352		33.76	A	8.78	C	1.69			
6	DIA	PL	234* 6	308		0.86	C	0.43					
J14-J15							A	24.71	C	2.12	D	15.93	

APPROACH BRIDGE DECK PL JL6-JL6A J15-J16													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	DECK	PL	1900* 16	7184		27.30	A	13.65	D	13.65			
3	URIB7	U	320* 240* 8	7150		28.90	A	7.52	C	1.45			
6	DIA	PL	234* 6	308		0.86	C	0.43					
J15-J16							A	21.17	C	1.88	D	13.65	

APPROACH BRIDGE DECK PL JL6-JL6A J16-J17													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	DECK	PL	1900* 16	8383		31.86	A	15.93	D	15.93			
3	URIB7	U	320* 240* 8	8358		33.79	A	8.78	C	1.69			
6	DIA	PL	234* 6	308		0.86	C	0.43					
J16-J17							A	24.71	C	2.12	D	15.93	

APPROACH BRIDGE DECK PL JL6-JL6A J17-J18														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	DECK	PL	1900* 16	8384		31.86	A	15.93	D	15.93				
3	URIB7	U	320* 240* 8	8365		33.82	A	8.79	C	1.69				
6	DIA	PL	234* 6	308		0.86	C	0.43						
3	RIB7	PL	250* 24	8361		12.54	A	12.54						
J17-J18							A	37.26	C	2.12	D	15.93		
JL6-JL6A							A	408.12	B	39.63	C	35.62	D	271.13

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DECK PL JL6A-JL6B GE1-J1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	DECK	PL	1900* 16	1120		4.26	B	2.13	D	2.13		
1	DECK	PL	1900* 16	7267		27.61	B	13.81	D	13.81		
3	URIB7	U	320* 240* 8	5190		20.98	B	5.45	C	1.05		
3	DIA	PL	234* 6	308		0.43	C	0.22				
6	RIB7	PL	750* 24	3054	60	16.49	B	16.49				
1	END	PL	260* 10	1906		0.99	B	0.99				
3	H-RIB	PL	296* 9	320		0.57	B	0.57				
3	BACKING	FB	50* 6	654		0.24						
3	BACKING	FB	50* 6	226		0.10						
GE1-J1							B	39.44	C	1.27	D	15.94

APPROACH BRIDGE DECK PL JL6A-JL6B J1-J2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	DECK	PL	1920* 16	8258		31.71	A	15.86	D	15.86		
3	URIB7	U	320* 240* 8	8224		33.25	A	8.64	C	1.66		
6	DIA	PL	234* 6	308		0.86	C	0.43				
J1-J2							A	24.50	C	2.09	D	15.86

APPROACH BRIDGE DECK PL JL6A-JL6B J2-J3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	DECK	PL	1920* 16	8295		31.85	A	15.93	D	15.93		
3	URIB7	U	320* 240* 8	8260		33.39	A	8.68	C	1.67		
6	DIA	PL	234* 6	308		0.86	C	0.43				
J2-J3							A	24.61	C	2.10	D	15.93

APPROACH BRIDGE DECK PL JL6A-JL6B J3-J4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	DECK	PL	1920* 16	8237		31.63	A	15.82	D	15.82		
3	URIB7	U	320* 240* 8	8213		33.20	A	8.63	C	1.66		
6	DIA	PL	234* 6	308		0.86	C	0.43				
J3-J4							A	24.45	C	2.09	D	15.82

APPROACH BRIDGE DECK PL JL6A-JL6B J4-J5												
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Caluculation of Steel Primer

(Unit: mm, m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
1	DECK	PL	1920* 16	8337		32.01	A	16.01	D	16.01			
3	URIB7	U	320* 240* 8	8312		33.60	A	8.74	C	1.68			
6	DIA	PL	234* 6	308		0.86	C	0.43					
J4-J5							A	24.75	C	2.11	D	16.01	

APPROACH BRIDGE DECK PL JL6A-JL6B J5-J6													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
1	DECK	PL	1920* 16	8286		31.82	A	15.91	D	15.91			
3	URIB7	U	320* 240* 8	8265		33.41	A	8.69	C	1.67			
6	DIA	PL	234* 6	308		0.86	C	0.43					
J5-J6							A	24.60	C	2.10	D	15.91	

APPROACH BRIDGE DECK PL JL6A-JL6B J6-J7													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
1	DECK	PL	1920* 16	8287		31.82	A	15.91	D	15.91			
3	URIB7	U	320* 240* 8	8263		33.40	A	8.68	C	1.67			
6	DIA	PL	234* 6	308		0.86	C	0.43					
J6-J7							A	24.59	C	2.10	D	15.91	

APPROACH BRIDGE DECK PL JL6A-JL6B J7-J8														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
1	DECK	PL	1920* 16	8288		31.83	A	15.91	D	15.91				
3	URIB7	U	320* 240* 8	8264		33.41	A	8.69	C	1.67				
6	DIA	PL	234* 6	308		0.86	C	0.43						
J7-J8							A	24.60	C	2.10	D	15.91		
JL6A-JL6B							A	172.10	B	39.44	C	15.96	D	127.29

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DECK PL JL6B-JL6C GE1-J1													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	DECK	PL	1920* 16	1120		4.30	B	2.15	D	2.15			
1	DECK	PL	1920* 16	7267		27.91	B	13.95	D	13.95			
3	URIB7	U	320* 240* 8	5187		20.97	B	5.45	C	1.05			
3	DIA	PL	234* 6	308		0.43	C	0.22					
6	RIB7	PL	750* 24	3046	60	16.45	B	16.45					
1	END	PL	260* 10	1926		1.00	B	1.00					
3	H-RIB	PL	296* 9	320		0.57	B	0.57					
3	BACKING	FB	50* 6	654		0.24							
3	BACKING	FB	50* 6	226		0.10							
GE1-J1							B	39.57	C	1.27	D	16.10	

APPROACH BRIDGE DECK PL JL6B-JL6C J1-J2														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	DECK	PL	1920* 16	8258		31.71	A	15.86	D	15.86				
3	URIB7	U	320* 240* 8	8224		33.25	A	8.64	C	1.66				
6	DIA	PL	234* 6	308		0.86	C	0.43						
J1-J2							A	24.50	C	2.09	D	15.86		
JL6B-JL6C							A	24.50	B	39.57	C	3.36	D	31.96

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DECK PL JL6C-JL7 GE1-J1													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	DECK	PL	2145* 16	1120		4.80	B	2.40	D	2.40			
1	DECK	PL	2145* 16	7267		31.18	B	15.59	D	15.59			
1	URIB7	U	320* 240* 8	5182		6.98	B	1.82	C	0.35			
1	DIA	PL	234* 6	308		0.14	C	0.07					
1	URIB7	U	320* 240* 8	5185		6.99	B	1.82	C	0.35			
1	DIA	PL	234* 6	308		0.14	C	0.07					
2	RIB7	PL	750* 24	3044	60	5.48	B	5.48					
1	RIB7	PL	750* 24	8233	45	5.56	B	5.56					
1	RIB7	PL	750* 24	7664	45	5.17	B	5.17					
1	RIB7	PL	750* 24	8239	45	5.56	B	5.56					
2	RIB7	PL	750* 24	3046	60	5.48	B	5.48					
1	END	PL	260* 10	2150		1.12	B	1.12					
2	H-RIB	PL	296* 9	320		0.38	B	0.38					
2	BACKING	FB	50* 6	654		0.14							
2	BACKING	FB	50* 6	226		0.05							
GE1-J1							B	50.38	C	0.84	D	17.99	

APPROACH BRIDGE DECK PL JL6C-JL7 J1-J2														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	DECK	PL	1724* 16	8258		28.47	A	14.24	D	14.24				
1	URIB7	U	320* 240* 8	8221		11.08	A	2.88	C	0.55				
2	DIA	PL	234* 6	308		0.29	C	0.14						
1	URIB7	U	320* 240* 8	4095		5.52	A	1.43	C	0.28				
2	DIA	PL	234* 6	308		0.29	C	0.14						
2	RIB7	PL	250* 24	4118		4.12	A	4.12						
1	RIB7	PL	250* 24	6460		3.23	A	3.23						
1	RIB7	PL	250* 24	8222		4.11	A	4.11						
J1-J2							A	30.01	C	1.11	D	14.24		
JL6C-JL7							A	30.01	B	50.38	C	1.95	D	32.23

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DECK PL JL6-JL7 J18-J19													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks	
1	DECK	PL	3093* 16	6840		42.31	A	21.16	D	21.16			
2	URIB7	U	320* 240* 8	6808		18.35	A	4.77	C	0.92			
4	DIA	PL	234* 6	308		0.58	C	0.29					
1	URIB7	U	320* 240* 8	4183		5.64	A	1.47	C	0.28			
2	DIA	PL	234* 6	308		0.29	C	0.14					
1	URIB7	U	320* 240* 8	6815		9.18	A	2.39	C	0.46			
2	DIA	PL	234* 6	308		0.29	C	0.14					
1	RIB7	PL	250* 24	3856		1.93	A	1.93					
1	RIB7	PL	250* 24	3855		1.93	A	1.93					
1	RIB7	PL	250* 24	5309		2.65	A	2.65					
1	RIB7	PL	250* 24	2957		1.48	A	1.48					
1	RIB7	PL	250* 24	6822		3.41	A	3.41					
J18-J19							A	41.19	C	2.23	D	21.16	

APPROACH BRIDGE DECK PL JL6-JL7 J19-J20													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks	
1	DECK	PL	2598* 16	6190		32.16	A	16.08	D	16.08			
1	URIB7	U	320* 240* 8	6159		8.30	A	2.16	C	0.41			
2	DIA	PL	234* 6	308		0.29	C	0.14					
1	URIB7	U	320* 240* 8	5408		7.29	A	1.89	C	0.36			
2	DIA	PL	234* 6	308		0.29	C	0.14					
1	URIB7	U	320* 240* 8	6165		8.31	A	2.16	C	0.42			
2	DIA	PL	234* 6	308		0.29	C	0.14					
1	RIB7	PL	250* 24	6158		3.08	A	3.08					
1	RIB7	PL	250* 24	3194		1.60	A	1.60					
1	RIB7	PL	250* 24	6173		3.09	A	3.09					
2	RIB7	PL	250* 24	749		0.75	A	0.75					
1	RIB7	PL	250* 24	1453		0.73	A	0.73					
J19-J20							A	31.54	C	1.61	D	16.08	

APPROACH BRIDGE DECK PL JL6-JL7 J20-J21												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	DECK	PL	2151* 16	6491		27.92	A	13.96	D	13.96		
1	URIB7	U	320* 240* 8	6461		8.71	A	2.26	C	0.44		
2	DIA	PL	234* 6	308		0.29	C	0.14				
1	URIB7	U	320* 240* 8	6474		8.72	A	2.27	C	0.44		
2	DIA	PL	234* 6	308		0.29	C	0.14				

Caluculation of Steel Primer

(Unit: mm, m²)

1	RIB7	PL	250* 24	6459		3.23	A	3.23						
1	RIB7	PL	250* 24	5893		2.95	A	2.95						
1	RIB7	PL	250* 24	6476		3.24	A	3.24						
J20-J21							A	27.91	C	1.16	D	13.96		

APPROACH BRIDGE DECK PL JL6-JL7 J21-J22														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	DECK	PL	1682* 16	7045		23.70	A	11.85	D	11.85				
2	URIB7	U	320* 240* 8	7024		18.93	A	4.92	C	0.95				
4	DIA	PL	234* 6	308		0.58	C	0.29						
1	RIB7	PL	250* 24	4101		2.05	A	2.05						
1	RIB7	PL	250* 24	7031		3.52	A	3.52						
J21-J22							A	22.34	C	1.24	D	11.85		

APPROACH BRIDGE DECK PL JL6-JL7 J22-J23														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	DECK	PL	1294* 16	8207		21.24	A	10.62	D	10.62				
2	URIB7	U	320* 240* 8	8184		22.06	A	5.73	C	1.10				
4	DIA	PL	234* 6	308		0.58	C	0.29						
1	RIB7	PL	250* 24	8184		4.09	A	4.09						
J22-J23							A	20.44	C	1.39	D	10.62		

APPROACH BRIDGE DECK PL JL6-JL7 J23-J24														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	DECK	PL	1294* 16	8207		21.24	A	10.62	D	10.62				
2	URIB7	U	320* 240* 8	8183		22.05	A	5.73	C	1.10				
4	DIA	PL	234* 6	308		0.58	C	0.29						
1	RIB7	PL	250* 24	8183		4.09	A	4.09						
J23-J24							A	20.44	C	1.39	D	10.62		

APPROACH BRIDGE DECK PL JL6-JL7 J24-J25														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	DECK	PL	1294* 16	8127		21.03	A	10.52	D	10.52				
2	URIB7	U	320* 240* 8	8104		21.84	A	5.68	C	1.09				
4	DIA	PL	234* 6	308		0.58	C	0.29						
1	RIB7	PL	250* 24	8104		4.05	A	4.05						

Caluculation of Steel Primer

(Unit: mm, m²)

J24-J25										A	20.25	C	1.38	D	10.52		
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APPROACH BRIDGE DECK PL JL6-JL7 J25-J26																	
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks				
1	DECK	PL	1327* 16	8303		22.04	A	11.02	D	11.02							
2	URIB7	U	320* 240* 8	8266		22.28	A	5.79	C	1.11							
4	DIA	PL	234* 6	308		0.58	C	0.29									
1	RIB7	PL	250* 24	8266		4.13	A	4.13									
J25-J26										A	20.94	C	1.40	D	11.02		

APPROACH BRIDGE DECK PL JL6-JL7 J26-J27																	
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks				
1	DECK	PL	1305* 16	7980		20.83	A	10.41	D	10.41							
2	URIB7	U	320* 240* 8	7950		21.43	A	5.57	C	1.07							
4	DIA	PL	234* 6	308		0.58	C	0.29									
1	RIB7	PL	250* 24	7950		3.98	A	3.98									
J26-J27										A	19.96	C	1.36	D	10.41		

APPROACH BRIDGE DECK PL JL6-JL7 J27-J28																	
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks				
1	DECK	PL	1290* 16	7046		18.18	A	9.09	D	9.09							
2	URIB7	U	320* 240* 8	7026		18.94	A	4.92	C	0.95							
4	DIA	PL	234* 6	308		0.58	C	0.29									
1	RIB7	PL	250* 24	7026		3.51	A	3.51									
J27-J28										A	17.52	C	1.24	D	9.09		

APPROACH BRIDGE DECK PL JL6-JL7 J28-J29																	
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks				
1	DECK	PL	1290* 16	7085		18.28	A	9.14	D	9.14							
2	URIB7	U	320* 240* 8	7064		19.04	A	4.95	C	0.95							
4	DIA	PL	234* 6	308		0.58	C	0.29									
1	RIB7	PL	250* 24	7064		3.53	A	3.53									
J28-J29										A	17.62	C	1.24	D	9.14		

APPROACH BRIDGE DECK PL JL6-JL7 J29-J30																	
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Caluculation of Steel Primer

(Unit: mm, m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
1	DECK	PL	1290* 16	8377		21.61	A	10.81	D	10.81				
2	URIB7	U	320* 240* 8	8357		22.52	A	5.86	C	1.13				
4	DIA	PL	234* 6	308		0.58	C	0.29						
1	RIB7	PL	250* 24	8357		4.18	A	4.18						
J29-J30							A	20.85	C	1.42	D	10.81		

APPROACH BRIDGE DECK PL JL6-JL7 J30-J31														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
1	DECK	PL	1290* 16	8136		20.99	A	10.50	D	10.50				
2	URIB7	U	320* 240* 8	8115		21.87	A	5.69	C	1.09				
4	DIA	PL	234* 6	308		0.58	C	0.29						
1	RIB7	PL	250* 24	8115		4.06	A	4.06						
J30-J31							A	20.25	C	1.38	D	10.50		

APPROACH BRIDGE DECK PL JL6-JL7 J31-J32														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
1	DECK	PL	1314* 16	8267		21.73	A	10.86	D	10.86				
2	URIB7	U	320* 240* 8	8233		22.19	A	5.77	C	1.11				
4	DIA	PL	234* 6	308		0.58	C	0.29						
1	RIB7	PL	250* 24	8233		4.12	A	4.12						
J31-J32							A	20.75	C	1.40	D	10.86		

APPROACH BRIDGE DECK PL JL6-JL7 J32-GE2														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
1	DECK	PL	1300* 16	6101		15.86	B	7.93	D	7.93				
1	DECK	PL	1300* 16	1320		3.43	B	1.72	D	1.72				
2	URIB7	U	320* 240* 8	4026		10.85	B	2.82	C	0.54				
2	DIA	PL	234* 6	308		0.29	C	0.14						
1	RIB7	PL	750* 24	7296	45	4.92	B	4.92						
4	RIB7	PL	750* 24	3261	60	11.74	B	11.74						
1	END	PL	260* 10	1296		0.67	B	0.67						
2	H-RIB	PL	296* 9	320		0.38	B	0.38						
2	BACKING	FB	50* 6	654		0.14								
2	BACKING	FB	50* 6	226		0.05								
J32-GE2							B	30.18	C	0.68	D	9.65		

Caluculation of Steel Primer

(Unit: mm,m²)

JL6-JL7	A	322.00	B	30.18	C	20.52	D	176.29

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DECK PL JL6A-JL7 J8-J9												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	DECK	PL	3277* 16	6966		45.66	A	22.83	D	22.83		
3	URIB7	U	320* 240* 8	6942		28.06	A	7.30	C	1.40		
6	DIA	PL	234* 6	308		0.86	C	0.43				
1	URIB7	U	320* 240* 8	6944		9.36	A	2.43	C	0.47		
2	DIA	PL	234* 6	308		0.29	C	0.14				
3	RIB7	PL	250* 24	6939		10.41	A	10.41				
J8-J9							A	42.97	C	2.44	D	22.83

APPROACH BRIDGE DECK PL JL6A-JL7 J9-J10												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	DECK	PL	3115* 16	5841		36.39	A	18.19	D	18.19		
3	URIB7	U	320* 240* 8	5819		23.52	A	6.12	C	1.18		
6	DIA	PL	234* 6	308		0.86	C	0.43				
1	URIB7	U	320* 240* 8	5814		7.83	A	2.04	C	0.39		
2	DIA	PL	234* 6	308		0.29	C	0.14				
1	RIB7	PL	250* 24	5816		2.91	A	2.91				
1	RIB7	PL	250* 24	5240		2.62	A	2.62				
1	RIB7	PL	250* 24	5815		2.91	A	2.91				
J9-J10							A	34.79	C	2.14	D	18.19

APPROACH BRIDGE DECK PL JL6A-JL7 J10-J11												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	DECK	PL	2996* 16	7075		42.39	A	21.20	D	21.20		
3	URIB7	U	320* 240* 8	7052		28.51	A	7.41	C	1.43		
6	DIA	PL	234* 6	308		0.86	C	0.43				
1	URIB7	U	320* 240* 8	7053		9.50	A	2.47	C	0.48		
2	DIA	PL	234* 6	308		0.29	C	0.14				
2	RIB7	PL	250* 24	7049		7.05	A	7.05				
J10-J11							A	38.13	C	2.48	D	21.20

APPROACH BRIDGE DECK PL JL6A-JL7 J11-J12												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	DECK	PL	2876* 16	8374		48.17	A	24.08	D	24.08		
3	URIB7	U	320* 240* 8	8350		33.75	A	8.78	C	1.69		
6	DIA	PL	234* 6	308		0.86	C	0.43				

Caluculation of Steel Primer

(Unit: mm, m²)

1	URIB7	U	320* 240* 8	8345		11.24	A	2.92	C	0.56				
2	DIA	PL	234* 6	308		0.29	C	0.14						
2	RIB7	PL	250* 24	8346		8.35	A	8.35						
J11-J12							A	44.13	C	2.82	D	24.08		

APPROACH BRIDGE DECK PL JL6A-JL7 J12-J13														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	DECK	PL	2765* 16	8374		46.31	A	23.15	D	23.15				
3	URIB7	U	320* 240* 8	8351		33.76	A	8.78	C	1.69				
6	DIA	PL	234* 6	308		0.86	C	0.43						
1	URIB7	U	320* 240* 8	8352		11.25	A	2.93	C	0.56				
2	DIA	PL	234* 6	308		0.29	C	0.14						
1	RIB7	PL	250* 24	5360		2.68	A	2.68						
1	RIB7	PL	250* 24	8346		4.17	A	4.17						
J12-J13							A	41.71	C	2.82	D	23.15		

APPROACH BRIDGE DECK PL JL6A-JL7 J13-J14														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	DECK	PL	2690* 16	7178		38.62	A	19.31	D	19.31				
3	URIB7	U	320* 240* 8	7155		28.92	A	7.52	C	1.45				
6	DIA	PL	234* 6	308		0.86	C	0.43						
1	URIB7	U	320* 240* 8	7150		9.63	A	2.51	C	0.48				
2	DIA	PL	234* 6	308		0.29	C	0.14						
1	RIB7	PL	250* 24	7151		3.58	A	3.58						
J13-J14							A	32.92	C	2.50	D	19.31		

APPROACH BRIDGE DECK PL JL6A-JL7 J14-J15														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	DECK	PL	2652* 16	8374		44.42	A	22.21	D	22.21				
4	URIB7	U	320* 240* 8	8351		45.01	A	11.70	C	2.25				
8	DIA	PL	234* 6	308		1.15	C	0.58						
1	RIB7	PL	250* 24	8346		4.17	A	4.17						
J14-J15							A	38.08	C	2.83	D	22.21		

APPROACH BRIDGE DECK PL JL6A-JL7 J15-J16													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks

Caluculation of Steel Primer

(Unit: mm, m²)

1	DECK	PL	2641* 16	7172		37.88	A	18.94	D	18.94			
2	URIB7	U	320* 240* 8	7150		19.27	A	5.01	C	0.96			
4	DIA	PL	234* 6	308		0.58	C	0.29					
1	URIB7	U	320* 240* 8	587		0.79	A	0.21	C	0.04			
2	DIA	PL	234* 6	308		0.29	C	0.14					
1	URIB7	U	320* 240* 8	7153		9.64	A	2.51	C	0.48			
2	DIA	PL	234* 6	308		0.29	C	0.14					
1	RIB7	PL	250* 24	6555		3.28	A	3.28					
1	RIB7	PL	250* 24	6557		3.28	A	3.28					
1	RIB7	PL	250* 24	7148		3.57	A	3.57					
1	RIB7	PL	250* 24	599		0.30	A	0.30					
J15-J16							A	37.10	C	2.05	D	18.94	

APPROACH BRIDGE DECK PL JL6A-JL7 J16-J17													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	DECK	PL	2397* 16	8527		40.88	A	20.44	D	20.44			
1	URIB7	U	320* 240* 8	8358		11.26	A	2.93	C	0.56			
2	DIA	PL	234* 6	308		0.29	C	0.14					
1	URIB7	U	320* 240* 8	2988		4.03	A	1.05	C	0.20			
2	DIA	PL	234* 6	308		0.29	C	0.14					
1	URIB7	U	320* 240* 8	8364		11.27	A	2.93	C	0.56			
2	DIA	PL	234* 6	308		0.29	C	0.14					
1	RIB7	PL	250* 24	5361		2.68	A	2.68					
1	RIB7	PL	250* 24	5364		2.68	A	2.68					
1	RIB7	PL	250* 24	8370		4.19	A	4.19					
1	RIB7	PL	250* 24	5382		2.69	A	2.69					
J16-J17							A	39.59	C	1.74	D	20.44	

APPROACH BRIDGE DECK PL JL6A-JL7 J17-J18													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	DECK	PL	1792* 16	8483		30.40	A	15.20	D	15.20			
1	URIB7	U	320* 240* 8	4183		5.64	A	1.47	C	0.28			
2	DIA	PL	234* 6	308		0.29	C	0.14					
1	URIB7	U	320* 240* 8	8371		11.28	A	2.93	C	0.56			
2	DIA	PL	234* 6	308		0.29	C	0.14					
1	RIB7	PL	250* 24	1795		0.90	A	0.90					
1	RIB7	PL	250* 24	6582		3.29	A	3.29					
1	RIB7	PL	250* 24	8372		4.19	A	4.19					
1	RIB7	PL	250* 24	4168		2.08	A	2.08					
1	RIB7	PL	250* 24	4170		2.09	A	2.09					

Caluculation of Steel Primer

(Unit: mm,m²)

J17-J18	A	32.15	C	1.12	D	15.20			
JL6A-JL7	A	381.57	C	22.94	D	205.55			

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DECK PL JL6B-JL7 J2-J3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	DECK	PL	3218* 16	8295		53.39	A	26.69	D	26.69		
3	URIB7	U	320* 240* 8	8260		33.39	A	8.68	C	1.67		
6	DIA	PL	234* 6	308		0.86	C	0.43				
1	URIB7	U	320* 240* 8	8266		11.14	A	2.90	C	0.56		
2	DIA	PL	234* 6	308		0.29	C	0.14				
1	RIB7	PL	250* 24	8252		4.13	A	4.13				
1	RIB7	PL	250* 24	5317		2.66	A	2.66				
1	RIB7	PL	250* 24	8260		4.13	A	4.13				
J2-J3							A	49.19	C	2.80	D	26.69

APPROACH BRIDGE DECK PL JL6B-JL7 J3-J4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	DECK	PL	2823* 16	8230		46.47	A	23.23	D	23.23		
2	URIB7	U	320* 240* 8	8213		22.13	A	5.75	C	1.11		
4	DIA	PL	234* 6	308		0.58	C	0.29				
1	URIB7	U	320* 240* 8	1769		2.38	A	0.62	C	0.12		
2	DIA	PL	234* 6	308		0.29	C	0.14				
1	URIB7	U	320* 240* 8	8216		11.07	A	2.88	C	0.55		
2	DIA	PL	234* 6	308		0.29	C	0.14				
1	RIB7	PL	250* 24	6434		3.22	A	3.22				
1	RIB7	PL	250* 24	4134		2.07	A	2.07				
1	RIB7	PL	250* 24	6435		3.22	A	3.22				
1	RIB7	PL	250* 24	8210		4.11	A	4.11				
J3-J4							A	45.10	C	2.35	D	23.23

APPROACH BRIDGE DECK PL JL6B-JL7 J4-J5												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	DECK	PL	2464* 16	8330		41.05	A	20.53	D	20.53		
1	URIB7	U	320* 240* 8	8312		11.20	A	2.91	C	0.56		
2	DIA	PL	234* 6	308		0.29	C	0.14				
1	URIB7	U	320* 240* 8	7730		10.42	A	2.71	C	0.52		
2	DIA	PL	234* 6	308		0.29	C	0.14				
1	URIB7	U	320* 240* 8	8315		11.20	A	2.91	C	0.56		
2	DIA	PL	234* 6	308		0.29	C	0.14				
1	RIB7	PL	250* 24	8306		4.15	A	4.15				
1	RIB7	PL	250* 24	3002		1.50	A	1.50				
1	RIB7	PL	250* 24	8310		4.16	A	4.16				

Caluculation of Steel Primer

(Unit: mm, m²)

2	RIB7	PL	250* 24	576		0.58	A	0.58						
							A	39.45	C	2.06	D	20.53		

APPROACH BRIDGE DECK PL JL6B-JL7 J5-J6														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	DECK	PL	2135* 16	8279		35.35	A	17.68	D	17.68				
1	URIB7	U	320* 240* 8	8265		11.14	A	2.90	C	0.56				
2	DIA	PL	234* 6	308		0.29	C	0.14						
1	URIB7	U	320* 240* 8	8258		11.13	A	2.89	C	0.56				
2	DIA	PL	234* 6	308		0.29	C	0.14						
2	RIB7	PL	250* 24	8256		8.26	A	8.26						
1	RIB7	PL	250* 24	1769		0.88	A	0.88						
1	RIB7	PL	250* 24	8259		4.13	A	4.13						
1	RIB7	PL	250* 24	2951		1.48	A	1.48						
							A	38.22	C	1.40	D	17.68		

APPROACH BRIDGE DECK PL JL6B-JL7 J6-J7														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	DECK	PL	1841* 16	8279		30.48	A	15.24	D	15.24				
1	URIB7	U	320* 240* 8	8263		11.13	A	2.89	C	0.56				
2	DIA	PL	234* 6	308		0.29	C	0.14						
1	URIB7	U	320* 240* 8	8265		11.14	A	2.90	C	0.56				
2	DIA	PL	234* 6	308		0.29	C	0.14						
1	RIB7	PL	250* 24	8257		4.13	A	4.13						
1	RIB7	PL	250* 24	8259		4.13	A	4.13						
							A	29.29	C	1.40	D	15.24		

APPROACH BRIDGE DECK PL JL6B-JL7 J7-J8														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	DECK	PL	1582* 16	8279		26.19	A	13.10	D	13.10				
1	URIB7	U	320* 240* 8	4132		5.57	A	1.45	C	0.28				
2	DIA	PL	234* 6	308		0.29	C	0.14						
1	URIB7	U	320* 240* 8	8258		11.13	A	2.89	C	0.56				
2	DIA	PL	234* 6	308		0.29	C	0.14						
1	RIB7	PL	250* 24	6498		3.25	A	3.25						
1	RIB7	PL	250* 24	8259		4.13	A	4.13						
2	RIB7	PL	250* 24	4126		4.13	A	4.13						

Caluculation of Steel Primer

(Unit: mm,m²)

J7-J8	A	28.95	C	1.12	D	13.10		
JL6B-JL7	A	230.20	C	11.13	D	116.47		

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DECK PL JL7-JL8 GE1-J1													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	DECK	PL	3361* 16	1120		7.53	B	0.38	C	3.39	D	3.76	
1	DECK	PL	3361* 16	7400		49.74	B	2.49	C	22.38	D	24.87	
5	URIB8	U	320* 240* 8	5098		34.35	C	10.65					
5	DIA	PL	234* 6	308		0.72	C	0.36					
9	RIB8	PL	750* 24	3122	60	25.29	C	25.29					
1	RIB8	PL	250* 24	2430		1.22	C	1.22					
1	END	PL	260* 10	175		0.09	B	0.09					
1	END	PL	260* 10	2710		1.41	C	1.41					
1	END	PL	260* 10	594		0.31	B	0.31					
5	H-RIB	PL	296* 9	320		0.95	C	0.95					
5	BACKING	FB	50* 6	654		0.38							
5	BACKING	FB	50* 6	226		0.14							
GE1-J1							B	3.27	C	65.65	D	28.63	

APPROACH BRIDGE DECK PL JL7-JL8 J1-J2													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	DECK	PL	3369* 16	8240		55.52	A	2.78	C	24.98	D	27.76	
5	URIB8	U	320* 240* 8	8207		55.29	C	17.14					
10	DIA	PL	234* 6	308		1.44	C	0.72					
2	H.H	PL	270* 16	630		0.68							
2	H.H	PL	270* 9	450		0.49							
12	H.H	BN	M 16* 60			0.03							
J1-J2							A	2.78	C	42.84	D	27.76	

APPROACH BRIDGE DECK PL JL7-JL8 J2-J3													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	DECK	PL	3368* 16	8277		55.75	A	2.79	C	25.09	D	27.88	
5	URIB8	U	320* 240* 8	8243		55.54	C	17.22					
10	DIA	PL	234* 6	308		1.44	C	0.72					
J2-J3							A	2.79	C	43.03	D	27.88	

APPROACH BRIDGE DECK PL JL7-JL8 J3-J4													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	DECK	PL	3369* 16	8227		55.43	A	2.77	C	24.95	D	27.72	
5	URIB8	U	320* 240* 8	8193		55.20	C	17.11					

Caluculation of Steel Primer

(Unit: mm,m²)

10	DIA	PL	234* 6	308		1.44	C	0.72						
2	H.H	PL	270* 16	630		0.68								
2	H.H	PL	270* 9	450		0.49								
12	H.H	BN	M 16* 60			0.03								
							J3-J4	A	2.77	C	42.78	D	27.72	

APPROACH BRIDGE DECK PL JL7-JL8 J4-J5														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	DECK	PL	3369* 16	8327		56.11	A	2.81	C	25.25	D	28.05		
5	URIB8	U	320* 240* 8	8293		55.87	C	17.32						
10	DIA	PL	234* 6	308		1.44	C	0.72						
							J4-J5	A	2.81	C	43.29	D	28.05	

APPROACH BRIDGE DECK PL JL7-JL8 J5-J6														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	DECK	PL	3369* 16	8277		55.77	A	2.79	C	25.10	D	27.89		
5	URIB8	U	320* 240* 8	8243		55.54	C	17.22						
10	DIA	PL	234* 6	308		1.44	C	0.72						
2	H.H	PL	270* 16	630		0.68								
2	H.H	PL	270* 9	450		0.49								
12	H.H	BN	M 16* 60			0.03								
							J5-J6	A	2.79	C	43.04	D	27.89	

APPROACH BRIDGE DECK PL JL7-JL8 J6-J7														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	DECK	PL	3368* 16	8277		55.75	A	2.79	C	25.09	D	27.88		
5	URIB8	U	320* 240* 8	8242		55.53	C	17.21						
10	DIA	PL	234* 6	308		1.44	C	0.72						
							J6-J7	A	2.79	C	43.02	D	27.88	

APPROACH BRIDGE DECK PL JL7-JL8 J7-J8														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	DECK	PL	3369* 16	8277		55.77	A	2.79	C	25.10	D	27.89		
5	URIB8	U	320* 240* 8	8242		55.53	C	17.21						
10	DIA	PL	234* 6	308		1.44	C	0.72						
2	H.H	PL	270* 16	630		0.68								

Caluculation of Steel Primer

(Unit: mm, m²)

2	H.H	PL	270* 9	450	0.49								
12	H.H	BN	M 16* 60		0.03								
J7-J8						A	2.79	C	43.03	D	27.89		

APPROACH BRIDGE DECK PL JL7-JL8 J8-J9													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	DECK	PL	3367* 16	6957		46.85	A	2.34	C	21.08	D	23.42	
5	URIB8	U	320* 240* 8	6925		46.66	C	14.46					
10	DIA	PL	234* 6	308		1.44	C	0.72					
1	H.H	PL	270* 16	630		0.34							
1	H.H	PL	270* 9	450		0.24							
6	H.H	BN	M 16* 60			0.02							
J8-J9						A	2.34	C	36.26	D	23.42		

APPROACH BRIDGE DECK PL JL7-JL8 J9-J10													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	DECK	PL	3365* 16	5834		39.26	A	1.96	C	17.67	D	19.63	
5	URIB8	U	320* 240* 8	5804		39.10	C	12.12					
10	DIA	PL	234* 6	308		1.44	C	0.72					
J9-J10						A	1.96	C	30.51	D	19.63		

APPROACH BRIDGE DECK PL JL7-JL8 J10-J11													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	DECK	PL	3367* 16	7066		47.58	A	2.38	C	21.41	D	23.79	
5	URIB8	U	320* 240* 8	7034		47.39	C	14.69					
10	DIA	PL	234* 6	308		1.44	C	0.72					
1	H.H	PL	270* 16	630		0.34							
1	H.H	PL	270* 9	450		0.24							
6	H.H	BN	M 16* 60			0.02							
J10-J11						A	2.38	C	36.82	D	23.79		

APPROACH BRIDGE DECK PL JL7-JL8 J11-J12													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	DECK	PL	3369* 16	8363		56.35	A	2.82	C	25.36	D	28.17	
5	URIB8	U	320* 240* 8	8329		56.12	C	17.40					
10	DIA	PL	234* 6	308		1.44	C	0.72					

Caluculation of Steel Primer

(Unit: mm, m²)

2	H.H	PL	270* 16	630	0.68								
2	H.H	PL	270* 9	450	0.49								
12	H.H	BN	M 16* 60		0.03								
J11-J12						A	2.82	C	43.48	D	28.17		

APPROACH BRIDGE DECK PL JL7-JL8 J12-J13													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	DECK	PL	3369* 16	8363		56.35	A	2.82	C	25.36	D	28.17	
5	URIB8	U	320* 240* 8	8329		56.12	C	17.40					
10	DIA	PL	234* 6	308		1.44	C	0.72					
J12-J13						A	2.82	C	43.48	D	28.17		

APPROACH BRIDGE DECK PL JL7-JL8 J13-J14													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	DECK	PL	3367* 16	7169		48.28	A	2.41	C	21.72	D	24.14	
5	URIB8	U	320* 240* 8	7136		48.08	C	14.90					
10	DIA	PL	234* 6	308		1.44	C	0.72					
1	H.H	PL	270* 16	630		0.34							
1	H.H	PL	270* 9	450		0.24							
6	H.H	BN	M 16* 60			0.02							
J13-J14						A	2.41	C	37.34	D	24.14		

APPROACH BRIDGE DECK PL JL7-JL8 J14-J15													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	DECK	PL	3369* 16	8363		56.35	A	2.82	C	25.36	D	28.17	
5	URIB8	U	320* 240* 8	8330		56.12	C	17.40					
10	DIA	PL	234* 6	308		1.44	C	0.72					
2	H.H	PL	270* 16	630		0.68							
2	H.H	PL	270* 9	450		0.49							
12	H.H	BN	M 16* 60			0.03							
J14-J15						A	2.82	C	43.48	D	28.17		

APPROACH BRIDGE DECK PL JL7-JL8 J15-J16													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	DECK	PL	3455* 16	7390		51.06	A	2.55	C	22.98	D	25.53	
5	URIB8	U	320* 240* 8	7257		48.89	C	15.16					

Caluculation of Steel Primer

(Unit: mm, m²)

10	DIA	PL	234* 6	308		1.44	C	0.72						
1	H.H	PL	270* 16	630		0.34								
1	H.H	PL	270* 9	450		0.24								
6	H.H	BN	M 16* 60			0.02								
J15-J16							A	2.55	C	38.86	D	25.53		

APPROACH BRIDGE DECK PL JL7-JL8 J16-J17														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	DECK	PL	3365* 16	8387		56.44	A	2.82	C	25.40	D	28.22		
5	URIB8	U	320* 240* 8	8359		56.32	C	17.46						
10	DIA	PL	234* 6	308		1.44	C	0.72						
J16-J17							A	2.82	C	43.58	D	28.22		

APPROACH BRIDGE DECK PL JL7-JL8 J17-J18														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	DECK	PL	3365* 16	8389		56.46	A	2.82	C	25.41	D	28.23		
5	URIB8	U	320* 240* 8	8362		56.34	C	17.47						
10	DIA	PL	234* 6	308		1.44	C	0.72						
2	H.H	PL	270* 16	630		0.68								
2	H.H	PL	270* 9	450		0.49								
12	H.H	BN	M 16* 60			0.03								
J17-J18							A	2.82	C	43.60	D	28.23		

APPROACH BRIDGE DECK PL JL7-JL8 J18-J19														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	DECK	PL	3364* 16	6840		46.02	A	2.30	C	20.71	D	23.01		
5	URIB8	U	320* 240* 8	6813		45.90	C	14.23						
10	DIA	PL	234* 6	308		1.44	C	0.72						
1	H.H	PL	270* 16	630		0.34								
1	H.H	PL	270* 9	450		0.24								
6	H.H	BN	M 16* 60			0.02								
J18-J19							A	2.30	C	35.66	D	23.01		

APPROACH BRIDGE DECK PL JL7-JL8 J19-J20														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	DECK	PL	3363* 16	6190		41.63	A	2.08	C	18.74	D	20.82		

Caluculation of Steel Primer

(Unit: mm, m²)

5	URIB8	U	320* 240* 8	6164		41.53	C	12.87					
10	DIA	PL	234* 6	308		1.44	C	0.72					
J19-J20							A	2.08	C	32.33	D	20.82	

APPROACH BRIDGE DECK PL JL7-JL8 J20-J21													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	DECK	PL	3363* 16	6492		43.67	A	2.18	C	19.65	D	21.83	
5	URIB8	U	320* 240* 8	6466		43.56	C	13.51					
10	DIA	PL	234* 6	308		1.44	C	0.72					
1	H.H	PL	270* 16	630		0.34							
1	H.H	PL	270* 9	450		0.24							
6	H.H	BN	M 16* 60			0.02							
J20-J21							A	2.18	C	33.88	D	21.83	

APPROACH BRIDGE DECK PL JL7-JL8 J21-J22													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	DECK	PL	3431* 16	7053		48.40	A	2.42	C	21.78	D	24.20	
5	URIB8	U	320* 240* 8	6907		46.54	C	14.43					
10	DIA	PL	234* 6	308		1.44	C	0.72					
1	H.H	PL	270* 16	630		0.34							
1	H.H	PL	270* 9	450		0.24							
6	H.H	BN	M 16* 60			0.02							
J21-J22							A	2.42	C	36.93	D	24.20	

APPROACH BRIDGE DECK PL JL7-JL8 J22-J23													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	DECK	PL	3365* 16	8201		55.19	A	2.76	C	24.84	D	27.60	
5	URIB8	U	320* 240* 8	8174		55.07	C	17.07					
10	DIA	PL	234* 6	308		1.44	C	0.72					
2	H.H	PL	270* 16	630		0.68							
2	H.H	PL	270* 9	450		0.49							
12	H.H	BN	M 16* 60			0.03							
J22-J23							A	2.76	C	42.63	D	27.60	

APPROACH BRIDGE DECK PL JL7-JL8 J23-J24													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks

Caluculation of Steel Primer

(Unit: mm, m²)

1	DECK	PL	3365* 16	8201		55.19	A	2.76	C	24.84	D	27.60		
5	URIB8	U	320* 240* 8	8174		55.07	C	17.07						
10	DIA	PL	234* 6	308		1.44	C	0.72						
J23-J24							A	2.76	C	42.63	D	27.60		

APPROACH BRIDGE DECK PL JL7-JL8 J24-J25														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	DECK	PL	3365* 16	8121		54.65	A	2.73	C	24.59	D	27.33		
5	URIB8	U	320* 240* 8	8094		54.53	C	16.91						
10	DIA	PL	234* 6	308		1.44	C	0.72						
2	H.H	PL	270* 16	630		0.68								
2	H.H	PL	270* 9	450		0.49								
12	H.H	BN	M 16* 60			0.03								
J24-J25							A	2.73	C	42.22	D	27.33		

APPROACH BRIDGE DECK PL JL7-JL8 J25-J26														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	DECK	PL	3397* 16	8270		56.19	A	2.81	C	25.28	D	28.09		
5	URIB8	U	320* 240* 8	8205		55.28	C	17.14						
10	DIA	PL	234* 6	308		1.44	C	0.72						
J25-J26							A	2.81	C	43.14	D	28.09		

APPROACH BRIDGE DECK PL JL7-JL8 J26-J27														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	DECK	PL	3375* 16	7962		53.74	A	2.69	C	24.18	D	26.87		
5	URIB8	U	320* 240* 8	7918		53.35	C	16.54						
10	DIA	PL	234* 6	308		1.44	C	0.72						
2	H.H	PL	270* 16	630		0.68								
2	H.H	PL	270* 9	450		0.49								
12	H.H	BN	M 16* 60			0.03								
J26-J27							A	2.69	C	41.44	D	26.87		

APPROACH BRIDGE DECK PL JL7-JL8 J27-J28														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	DECK	PL	3361* 16	7046		47.36	A	2.37	C	21.31	D	23.68		
5	URIB8	U	320* 240* 8	7026		47.34	C	14.67						

Caluculation of Steel Primer

(Unit: mm, m²)

10	DIA	PL	234* 6	308		1.44	C	0.72						
1	H.H	PL	270* 16	630		0.34								
1	H.H	PL	270* 9	450		0.24								
6	H.H	BN	M 16* 60			0.02								
J27-J28							A	2.37	C	36.70	D	23.68		

APPROACH BRIDGE DECK PL JL7-JL8 J28-J29														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	DECK	PL	3361* 16	7085		47.63	A	2.38	C	21.43	D	23.81		
5	URIB8	U	320* 240* 8	7064		47.59	C	14.75						
10	DIA	PL	234* 6	308		1.44	C	0.72						
1	H.H	PL	270* 16	630		0.34								
1	H.H	PL	270* 9	450		0.24								
6	H.H	BN	M 16* 60			0.02								
J28-J29							A	2.38	C	36.90	D	23.81		

APPROACH BRIDGE DECK PL JL7-JL8 J29-J30														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	DECK	PL	3361* 16	8377		56.31	A	2.82	C	25.34	D	28.16		
5	URIB8	U	320* 240* 8	8357		56.31	C	17.45						
10	DIA	PL	234* 6	308		1.44	C	0.72						
J29-J30							A	2.82	C	43.51	D	28.16		

APPROACH BRIDGE DECK PL JL7-JL8 J30-J31														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	DECK	PL	3361* 16	8136		54.69	A	2.73	C	24.61	D	27.35		
5	URIB8	U	320* 240* 8	8115		54.67	C	16.95						
10	DIA	PL	234* 6	308		1.44	C	0.72						
2	H.H	PL	270* 16	630		0.68								
2	H.H	PL	270* 9	450		0.49								
12	H.H	BN	M 16* 60			0.03								
J30-J31							A	2.73	C	42.28	D	27.35		

APPROACH BRIDGE DECK PL JL7-JL8 J31-J32														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	DECK	PL	3385* 16	8339		56.46	A	2.82	C	25.40	D	28.23		

Caluculation of Steel Primer

(Unit: mm,m²)

5	URIB8	U	320* 240* 8	8283		55.81	C	17.30					
10	DIA	PL	234* 6	308		1.44	C	0.72					
J31-J32							A	2.82	C	43.42	D	28.23	

APPROACH BRIDGE DECK PL JL7-JL8 J32-GE2														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	DECK	PL	3370* 16	6109		41.17	B	2.06	C	18.53	D	20.59		
1	DECK	PL	3370* 16	1320		8.90	B	0.44	C	4.00	D	4.45		
5	URIB8	U	320* 240* 8	4005		26.98	C	8.36						
5	DIA	PL	234* 6	308		0.72	C	0.36						
10	RIB9	PL	750* 24	3261	60	29.35	B	29.35						
1	END	PL	260* 10	175		0.09	B	0.09						
1	END	PL	260* 10	2739		1.42	C	1.42						
1	END	PL	260* 10	565		0.29	B	0.29						
5	H-RIB	PL	296* 9	320		0.95	C	0.95						
5	BACKING	FB	50* 6	654		0.38								
5	BACKING	FB	50* 6	226		0.14								
J32-GE2							B	32.23	C	33.62	D	25.04		
JL7-JL8							A	81.11	B	35.50	C	1351.38	D	864.79

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DECK PL JL8-RR1 GE1-J1													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	DECK	PL	1170* 16	1120		2.62	B	1.31	D	1.31			
1	DECK	PL	1170* 16	7455		17.44	B	8.72	D	8.72			
3	RIB9	PL	750* 24	8429	45	17.07	B	17.07					
1	ST-W	PL	900* 9	8540	50	7.69	B	7.69					
1	ST-F	PL	100* 10	8581		1.72	B	1.72					
1	END	PL	260* 10	1120		0.58	B	0.58					
1	COV	PL	250* 19	362		0.18	C	0.18					DRAINAGE
2		PL	50* 19	362		0.07	C	0.04	D	0.04			
2		PL	50* 19	288		0.06	C	0.03	D	0.03			
1		PL	308* 16	420		0.26							
1	DOUBL	PL	588* 16	700		0.82							
1		PL	210* 16	250		0.11	B	0.05	C	0.05			
2		PL	165* 10	229		0.15	B	0.08	C	0.08			
2		PL	157* 10	322		0.20	B	0.10	C	0.10			
6		PL	25* 10	30		0.01	B		C				
1		チェーン	5* 18* 42*250										
1	PIPE	STK	165.2* 4.5	530		0.26							HDG
GE1-J1							B	37.32	C	0.48	D	10.10	

APPROACH BRIDGE DECK PL JL8-RR1 J1-J2													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	DECK	PL	1178* 16	8216		19.36	A	9.68	D	9.68			
3	RIB9	PL	250* 24	8192		12.29	A	12.29					
1	ST-W	PL	400* 9	8206		6.56	A	6.56					
1	ST-F	PL	100* 10	8198		1.64	A	1.64					
1	K-DECK	PL	550* 16	1700		1.87	A	1.87					LIGHTING POST
1	K-WEB	PL	284* 12	2138		1.21	A	1.21					
2	K-RIB	PL	287* 12	559		0.64	A	0.64					
1	K-RIB	PL	364* 12	559		0.41	A	0.41					
1	K-FLG	PL	200* 12	474		0.19	A	0.19					
1	COV	PL	250* 19	362		0.18	C	0.18					DRAINAGE
2		PL	50* 19	362		0.07	C	0.04	D	0.04			
2		PL	50* 19	288		0.06	C	0.03	D	0.03			
1		PL	308* 16	420		0.26							
1	DOUBL	PL	588* 16	700		0.82							
1		PL	210* 16	250		0.11	A	0.05	C	0.05			
2		PL	165* 10	229		0.15	A	0.08	C	0.08			
2		PL	157* 10	322		0.20	A	0.10	C	0.10			
6		PL	25* 10	30		0.01	A		C				

Caluculation of Steel Primer

(Unit: mm, m²)

1		チェーン	5* 18* 42*250														
1	PIPE	STK	165.2* 4.5	530		0.26											HDG
J1-J2							A	34.72	C	0.48	D	9.75					

APPROACH BRIDGE DECK PL JL8-RR1 J2-J3																	
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks				
1	DECK	PL	1178* 16	8249		19.43	A	9.72	D	9.72							
3	RIB9	PL	250* 24	8225		12.34	A	12.34									
1	ST-W	PL	400* 9	8238		6.59	A	6.59									
1	ST-F	PL	100* 10	8230		1.65	A	1.65									
1	COV	PL	250* 19	362		0.18	C	0.18									DRAINAGE
2		PL	50* 19	362		0.07	C	0.04	D	0.04							
2		PL	50* 19	288		0.06	C	0.03	D	0.03							
1		PL	308* 16	420		0.26											
1	DOUBL	PL	588* 16	700		0.82											
1		PL	210* 16	250		0.11	A	0.05	C	0.05							
2		PL	165* 10	229		0.15	A	0.08	C	0.08							
2		PL	157* 10	322		0.20	A	0.10	C	0.10							
6		PL	25* 10	30		0.01	A		C								
1		チェーン	5* 18* 42*250														
1	PIPE	STK	165.2* 4.5	530		0.26											HDG
J2-J3							A	30.53	C	0.48	D	9.79					

APPROACH BRIDGE DECK PL JL8-RR1 J3-J4																	
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks				
1	DECK	PL	1179* 16	8199		19.33	A	9.67	D	9.67							
3	RIB9	PL	250* 24	8175		12.26	A	12.26									
1	ST-W	PL	400* 9	8188		6.55	A	6.55									
1	ST-F	PL	100* 10	8180		1.64	A	1.64									
1	COV	PL	250* 19	362		0.18	C	0.18									DRAINAGE
2		PL	50* 19	362		0.07	C	0.04	D	0.04							
2		PL	50* 19	288		0.06	C	0.03	D	0.03							
1		PL	308* 16	420		0.26											
1	DOUBL	PL	588* 16	700		0.82											
1		PL	210* 16	250		0.11	A	0.05	C	0.05							
2		PL	165* 10	229		0.15	A	0.08	C	0.08							
2		PL	157* 10	322		0.20	A	0.10	C	0.10							
6		PL	25* 10	30		0.01	A		C								
1		チェーン	5* 18* 42*250														
1	PIPE	STK	165.2* 4.5	530		0.26											HDG

Caluculation of Steel Primer

(Unit: mm, m²)

J3-J4										A	30.35	C	0.48	D	9.74		
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APPROACH BRIDGE DECK PL JL8-RR1 J4-J5																	
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks				
1	DECK	PL	1178* 16	8299		19.55	A	9.78	D	9.78							
3	RIB9	PL	250* 24	8275		12.41	A	12.41									
1	ST-W	PL	400* 9	8287		6.63	A	6.63									
1	ST-F	PL	100* 10	8280		1.66	A	1.66									
1	COV	PL	250* 19	362		0.18	C	0.18									DRAINAGE
2		PL	50* 19	362		0.07	C	0.04	D	0.04							
2		PL	50* 19	288		0.06	C	0.03	D	0.03							
1		PL	308* 16	420		0.26											
1	DOUBL	PL	588* 16	700		0.82											
1		PL	210* 16	250		0.11	A	0.05	C	0.05							
2		PL	165* 10	229		0.15	A	0.08	C	0.08							
2		PL	157* 10	322		0.20	A	0.10	C	0.10							
6		PL	25* 10	30		0.01	A		C								
1		チエ-ソ	5* 18* 42*250														
1	PIPE	STK	165.2* 4.5	530		0.26											H DG
J4-J5										A	30.71	C	0.48	D	9.85		

APPROACH BRIDGE DECK PL JL8-RR1 J5-J6																	
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks				
1	DECK	PL	1179* 16	8249		19.45	A	9.73	D	9.73							
3	RIB9	PL	250* 24	8225		12.34	A	12.34									
1	ST-W	PL	400* 9	8237		6.59	A	6.59									
1	ST-F	PL	100* 10	8230		1.65	A	1.65									
1	K-DECK	PL	550* 16	1700		1.87	A	1.87									LIGHTING POST
1	K-WEB	PL	284* 12	2138		1.21	A	1.21									
2	K-RIB	PL	287* 12	559		0.64	A	0.64									
1	K-RIB	PL	364* 12	559		0.41	A	0.41									
1	K-FLG	PL	200* 12	474		0.19	A	0.19									
1	COV	PL	250* 19	362		0.18	C	0.18									DRAINAGE
2		PL	50* 19	362		0.07	C	0.04	D	0.04							
2		PL	50* 19	288		0.06	C	0.03	D	0.03							
1		PL	308* 16	420		0.26											
1	DOUBL	PL	588* 16	700		0.82											
1		PL	210* 16	250		0.11	A	0.05	C	0.05							
2		PL	165* 10	229		0.15	A	0.08	C	0.08							
2		PL	157* 10	322		0.20	A	0.10	C	0.10							

Caluculation of Steel Primer

(Unit: mm, m²)

6		PL	25* 10	30		0.01	A		C						
1		チエ-ン	5* 18* 42*250												
1	PIPE	STK	165.2* 4.5	530		0.26									HDG
							J5-J6	A	34.86	C	0.48	D	9.80		

APPROACH BRIDGE DECK PL JL8-RR1 J6-J7															
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks		
1	DECK	PL	1178* 16	8249		19.43	A	9.72	D	9.72					
3	RIB9	PL	250* 24	8225		12.34	A	12.34							
1	ST-W	PL	400* 9	8237		6.59	A	6.59							
1	ST-F	PL	100* 10	8230		1.65	A	1.65							
1	COV	PL	250* 19	362		0.18	C	0.18							DRAINAGE
2		PL	50* 19	362		0.07	C	0.04	D	0.04					
2		PL	50* 19	288		0.06	C	0.03	D	0.03					
1		PL	308* 16	420		0.26									
1	DOUBL	PL	588* 16	700		0.82									
1		PL	210* 16	250		0.11	A	0.05	C	0.05					
2		PL	165* 10	229		0.15	A	0.08	C	0.08					
2		PL	157* 10	322		0.20	A	0.10	C	0.10					
6		PL	25* 10	30		0.01	A		C						
1		チエ-ン	5* 18* 42*250												
1	PIPE	STK	165.2* 4.5	530		0.26									HDG
							J6-J7	A	30.53	C	0.48	D	9.79		

APPROACH BRIDGE DECK PL JL8-RR1 J7-J8															
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks		
1	DECK	PL	1179* 16	8249		19.45	A	9.73	D	9.73					
3	RIB9	PL	250* 24	8225		12.34	A	12.34							
1	ST-W	PL	400* 9	8236		6.59	A	6.59							
1	ST-F	PL	100* 10	8230		1.65	A	1.65							
1	COV	PL	250* 19	362		0.18	C	0.18							DRAINAGE
2		PL	50* 19	362		0.07	C	0.04	D	0.04					
2		PL	50* 19	288		0.06	C	0.03	D	0.03					
1		PL	308* 16	420		0.26									
1	DOUBL	PL	588* 16	700		0.82									
1		PL	210* 16	250		0.11	A	0.05	C	0.05					
2		PL	165* 10	229		0.15	A	0.08	C	0.08					
2		PL	157* 10	322		0.20	A	0.10	C	0.10					
6		PL	25* 10	30		0.01	A		C						
1		チエ-ン	5* 18* 42*250												

Caluculation of Steel Primer

(Unit: mm, m²)

1	PIPE	STK	165.2* 4.5	530		0.26													HDG
					J7-J8		A	30.54	C	0.48	D	9.80							

APPROACH BRIDGE DECK PL JL8-RR1 J8-J9																			
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks							
1	DECK	PL	1176* 16	6934		16.31	A	8.15	D	8.15									
3	RIB9	PL	250* 24	6910		10.37	A	10.37											
1	ST-W	PL	400* 9	6923		5.54	A	5.54											
1	ST-F	PL	100* 10	6916		1.38	A	1.38											
					J8-J9		A	25.44	D	8.15									

APPROACH BRIDGE DECK PL JL8-RR1 J9-J10																			
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks							
1	DECK	PL	1174* 16	5814		13.65	A	6.83	D	6.83									
3	RIB9	PL	250* 24	5791		8.69	A	8.69											
1	ST-W	PL	400* 9	5804		4.64	A	4.64											
1	ST-F	PL	100* 10	5798		1.16	A	1.16											
1	K-DECK	PL	550* 16	1700		1.87	A	1.87											LIGHTING POST
1	K-WEB	PL	284* 12	2138		1.21	A	1.21											
2	K-RIB	PL	287* 12	559		0.64	A	0.64											
1	K-RIB	PL	364* 12	559		0.41	A	0.41											
1	K-FLG	PL	200* 12	474		0.19	A	0.19											
1	COV	PL	250* 19	362		0.18	C	0.18											DRAINAGE
2		PL	50* 19	362		0.07	C	0.04	D	0.04									
2		PL	50* 19	288		0.06	C	0.03	D	0.03									
1		PL	308* 16	420		0.26													
1	DOUBL	PL	588* 16	700		0.82													
1		PL	210* 16	250		0.11	A	0.05	C	0.05									
2		PL	165* 10	229		0.15	A	0.08	C	0.08									
2		PL	157* 10	322		0.20	A	0.10	C	0.10									
6		PL	25* 10	30		0.01	A		C										
1		チエ-ン	5* 18* 42*250																
1	PIPE	STK	165.2* 4.5	530		0.26													HDG
					J9-J10		A	25.87	C	0.48	D	6.90							

APPROACH BRIDGE DECK PL JL8-RR1 J10-J11																			
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks							
1	DECK	PL	1176* 16	7042		16.56	A	8.28	D	8.28									

Caluculation of Steel Primer

(Unit: mm, m²)

3	RIB9	PL	250* 24	7019		10.53	A	10.53									
1	ST-W	PL	400* 9	7031		5.62	A	5.62									
1	ST-F	PL	100* 10	7024		1.40	A	1.40									
1	COV	PL	250* 19	362		0.18	C	0.18									DRAINAGE
2		PL	50* 19	362		0.07	C	0.04	D	0.04							
2		PL	50* 19	288		0.06	C	0.03	D	0.03							
1		PL	308* 16	420		0.26											
1	DOUBL	PL	588* 16	700		0.82											
1		PL	210* 16	250		0.11	A	0.05	C	0.05							
2		PL	165* 10	229		0.15	A	0.08	C	0.08							
2		PL	157* 10	322		0.20	A	0.10	C	0.10							
6		PL	25* 10	30		0.01	A		C								
1		チェーン	5* 18* 42*250														
1	PIPE	STK	165.2* 4.5	530		0.26											HDG
J10-J11							A	26.06	C	0.48	D	8.35					

APPROACH BRIDGE DECK PL JL8-RR1 J11-J12

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks						
1	DECK	PL	1179* 16	8335		19.65	A	9.83	D	9.83							
3	RIB9	PL	250* 24	8311		12.47	A	12.47									
1	ST-W	PL	400* 9	8322		6.66	A	6.66									
1	ST-F	PL	100* 10	8316		1.66	A	1.66									
1	COV	PL	250* 19	362		0.18	C	0.18									DRAINAGE
2		PL	50* 19	362		0.07	C	0.04	D	0.04							
2		PL	50* 19	288		0.06	C	0.03	D	0.03							
1		PL	308* 16	420		0.26											
1	DOUBL	PL	588* 16	700		0.82											
1		PL	210* 16	250		0.11	A	0.05	C	0.05							
2		PL	165* 10	229		0.15	A	0.08	C	0.08							
2		PL	157* 10	322		0.20	A	0.10	C	0.10							
6		PL	25* 10	30		0.01	A		C								
1		チェーン	5* 18* 42*250														
1	PIPE	STK	165.2* 4.5	530		0.26											HDG
J11-J12							A	30.85	C	0.48	D	9.90					

APPROACH BRIDGE DECK PL JL8-RR1 J12-J13

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks						
1	DECK	PL	1178* 16	8335		19.64	A	9.82	D	9.82							
3	RIB9	PL	250* 24	8311		12.47	A	12.47									
1	ST-W	PL	400* 9	8321		6.66	A	6.66									

Caluculation of Steel Primer

(Unit: mm, m²)

1	ST-F	PL	100* 10	8316		1.66	A	1.66						
1	COV	PL	250* 19	362		0.18	C	0.18						DRAINAGE
2		PL	50* 19	362		0.07	C	0.04	D	0.04				
2		PL	50* 19	288		0.06	C	0.03	D	0.03				
1		PL	308* 16	420		0.26								
1	DOUBL	PL	588* 16	700		0.82								
1		PL	210* 16	250		0.11	A	0.05	C	0.05				
2		PL	165* 10	229		0.15	A	0.08	C	0.08				
2		PL	157* 10	322		0.20	A	0.10	C	0.10				
6		PL	25* 10	30		0.01	A		C					
1		チエ-ン	5* 18* 42*250											
1	PIPE	STK	165.2* 4.5	530		0.26								HDG
J12-J13							A	30.84	C	0.48	D	9.89		

APPROACH BRIDGE DECK PL JL8-RR1 J13-J14														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	DECK	PL	1176* 16	7145		16.81	A	8.40	D	8.40				
3	RIB9	PL	250* 24	7121		10.68	A	10.68						
1	ST-W	PL	400* 9	7132		5.71	A	5.71						
1	ST-F	PL	100* 10	7126		1.43	A	1.43						
1	K-DECK	PL	550* 16	1700		1.87	A	1.87						LIGHTING POST
1	K-WEB	PL	284* 12	2138		1.21	A	1.21						
2	K-RIB	PL	287* 12	559		0.64	A	0.64						
1	K-RIB	PL	364* 12	559		0.41	A	0.41						
1	K-FLG	PL	200* 12	474		0.19	A	0.19						
J13-J14							A	30.54	D	8.40				

APPROACH BRIDGE DECK PL JL8-RR1 J14-J15														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	DECK	PL	1179* 16	8338		19.66	A	9.83	D	9.83				
3	RIB9	PL	250* 24	8314		12.47	A	12.47						
1	ST-W	PL	400* 9	8324		6.66	A	6.66						
1	ST-F	PL	100* 10	8319		1.66	A	1.66						
1	COV	PL	250* 19	362		0.18	C	0.18						DRAINAGE
2		PL	50* 19	362		0.07	C	0.04	D	0.04				
2		PL	50* 19	288		0.06	C	0.03	D	0.03				
1		PL	308* 16	420		0.26								
1	DOUBL	PL	588* 16	700		0.82								
1		PL	210* 16	250		0.11	A	0.05	C	0.05				
2		PL	165* 10	229		0.15	A	0.08	C	0.08				

Caluculation of Steel Primer

(Unit: mm, m²)

2		PL	157* 10	322		0.20	A	0.10	C	0.10				
6		PL	25* 10	30		0.01	A		C					
1		チェーン	5* 18* 42*250											
1	PIPE	STK	165.2* 4.5	530		0.26								HDG
J14-J15							A	30.85	C	0.48	D	9.90		

APPROACH BRIDGE DECK PL JL8-RR1 J15-J16														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	DECK	PL	1265* 16	7471		18.90	A	9.45	D	9.45				
3	RIB9	PL	250* 24	7405		11.11	A	11.11						
1	ST-W	PL	400* 9	7466		5.97	A	5.97						
1	ST-F	PL	100* 10	7461		1.49	A	1.49						
1	COV	PL	250* 19	362		0.18	C	0.18						DRAINAGE
2		PL	50* 19	362		0.07	C	0.04	D	0.04				
2		PL	50* 19	288		0.06	C	0.03	D	0.03				
1		PL	308* 16	420		0.26								
1	DOUBL	PL	588* 16	700		0.82								
1		PL	210* 16	250		0.11	A	0.05	C	0.05				
2		PL	165* 10	229		0.15	A	0.08	C	0.08				
2		PL	157* 10	322		0.20	A	0.10	C	0.10				
6		PL	25* 10	30		0.01	A		C					
1		チェーン	5* 18* 42*250											
1	PIPE	STK	165.2* 4.5	530		0.26								HDG
J15-J16							A	28.25	C	0.48	D	9.52		

APPROACH BRIDGE DECK PL JL8-RR1 J16-J17														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	DECK	PL	1174* 16	8373		19.66	A	9.83	D	9.83				
3	RIB9	PL	250* 24	8350		12.53	A	12.53						
1	ST-W	PL	400* 9	8363		6.69	A	6.69						
1	ST-F	PL	100* 10	8358		1.67	A	1.67						
1	COV	PL	250* 19	362		0.18	C	0.18						DRAINAGE
2		PL	50* 19	362		0.07	C	0.04	D	0.04				
2		PL	50* 19	288		0.06	C	0.03	D	0.03				
1		PL	308* 16	420		0.26								
1	DOUBL	PL	588* 16	700		0.82								
1		PL	210* 16	250		0.11	A	0.05	C	0.05				
2		PL	165* 10	229		0.15	A	0.08	C	0.08				
2		PL	157* 10	322		0.20	A	0.10	C	0.10				
6		PL	25* 10	30		0.01	A		C					

Calculation of Steel Primer

(Unit: mm, m²)

1		チエーン	5* 18* 42*250										
1	PIPE	STK	165.2* 4.5	530		0.26							HDG
J16-J17							A	30.95	C	0.48	D	9.90	

APPROACH BRIDGE DECK PL JL8-RR1 J17-J18													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	DECK	PL	1175* 16	8375		19.68	A	9.84	D	9.84			
3	RIB9	PL	250* 24	8353		12.53	A	12.53					
1	ST-W	PL	400* 9	8365		6.69	A	6.69					
1	ST-F	PL	100* 10	8360		1.67	A	1.67					
1	K-DECK	PL	550* 16	1700		1.87	A	1.87					LIGHTING POST
1	K-WEB	PL	284* 12	2138		1.21	A	1.21					
2	K-RIB	PL	287* 12	559		0.64	A	0.64					
1	K-RIB	PL	364* 12	559		0.41	A	0.41					
1	K-FLG	PL	200* 12	474		0.19	A	0.19					
1	COV	PL	250* 19	362		0.18	C	0.18					DRAINAGE
2		PL	50* 19	362		0.07	C	0.04	D	0.04			
2		PL	50* 19	288		0.06	C	0.03	D	0.03			
1		PL	308* 16	420		0.26							
1	DOUBL	PL	588* 16	700		0.82							
1		PL	210* 16	250		0.11	A	0.05	C	0.05			
2		PL	165* 10	229		0.15	A	0.08	C	0.08			
2		PL	157* 10	322		0.20	A	0.10	C	0.10			
6		PL	25* 10	30		0.01	A		C				
1		チエーン	5* 18* 42*250										
1	PIPE	STK	165.2* 4.5	530		0.26							HDG
J17-J18							A	35.28	C	0.48	D	9.91	

APPROACH BRIDGE DECK PL JL8-RR1 J18-J19													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	DECK	PL	1173* 16	6828		16.02	A	8.01	D	8.01			
3	RIB9	PL	250* 24	6806		10.21	A	10.21					
1	ST-W	PL	400* 9	6819		5.46	A	5.46					
1	ST-F	PL	100* 10	6814		1.36	A	1.36					
1	COV	PL	250* 19	362		0.18	C	0.18					DRAINAGE
2		PL	50* 19	362		0.07	C	0.04	D	0.04			
2		PL	50* 19	288		0.06	C	0.03	D	0.03			
1		PL	308* 16	420		0.26							
1	DOUBL	PL	588* 16	700		0.82							
1		PL	210* 16	250		0.11	A	0.05	C	0.05			

Caluculation of Steel Primer

(Unit: mm, m²)

2		PL	165* 10	229		0.15	A	0.08	C	0.08				
2		PL	157* 10	322		0.20	A	0.10	C	0.10				
6		PL	25* 10	30		0.01	A		C					
1		チエ-ン	5* 18* 42*250											
1	PIPE	STK	165.2* 4.5	530		0.26								HDG
							J18-J19	A	25.27	C	0.48	D	8.08	

APPROACH BRIDGE DECK PL JL8-RR1 J19-J20														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	DECK	PL	1173* 16	6180		14.50	A	7.25	D	7.25				
3	RIB9	PL	250* 24	6158		9.24	A	9.24						
1	ST-W	PL	400* 9	6171		4.94	A	4.94						
1	ST-F	PL	100* 10	6166		1.23	A	1.23						
1	COV	PL	250* 19	362		0.18	C	0.18						DRAINAGE
2		PL	50* 19	362		0.07	C	0.04	D	0.04				
2		PL	50* 19	288		0.06	C	0.03	D	0.03				
1		PL	308* 16	420		0.26								
1	DOUBL	PL	588* 16	700		0.82								
1		PL	210* 16	250		0.11	A	0.05	C	0.05				
2		PL	165* 10	229		0.15	A	0.08	C	0.08				
2		PL	157* 10	322		0.20	A	0.10	C	0.10				
6		PL	25* 10	30		0.01	A		C					
1		チエ-ン	5* 18* 42*250											
1	PIPE	STK	165.2* 4.5	530		0.26								HDG
							J19-J20	A	22.89	C	0.48	D	7.32	

APPROACH BRIDGE DECK PL JL8-RR1 J20-J21														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	DECK	PL	1173* 16	6481		15.20	A	7.60	D	7.60				
3	RIB9	PL	250* 24	6459		9.69	A	9.69						
1	ST-W	PL	400* 9	6472		5.18	A	5.18						
1	ST-F	PL	100* 10	6468		1.29	A	1.29						
1	COV	PL	250* 19	362		0.18	C	0.18						DRAINAGE
2		PL	50* 19	362		0.07	C	0.04	D	0.04				
2		PL	50* 19	288		0.06	C	0.03	D	0.03				
1		PL	308* 16	420		0.26								
1	DOUBL	PL	588* 16	700		0.82								
1		PL	210* 16	250		0.11	A	0.05	C	0.05				
2		PL	165* 10	229		0.15	A	0.08	C	0.08				
2		PL	157* 10	322		0.20	A	0.10	C	0.10				

Caluculation of Steel Primer

(Unit: mm, m²)

6		PL	25* 10	30		0.01	A		C						
1		チエーン	5* 18* 42*250												
1	PIPE	STK	165.2* 4.5	530		0.26									HDG
J20-J21							A	23.99	C	0.48	D	7.67			

APPROACH BRIDGE DECK PL JL8-RR1 J21-J22															
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks		
1	DECK	PL	1240* 16	6798		16.86	A	8.43	D	8.43					
3	RIB9	PL	250* 24	6745		10.12	A	10.12							
1	ST-W	PL	400* 9	6709		5.37	A	5.37							
1	ST-F	PL	100* 10	6705		1.34	A	1.34							
1	COV	PL	250* 19	362		0.18	C	0.18							DRAINAGE
2		PL	50* 19	362		0.07	C	0.04	D	0.04					
2		PL	50* 19	288		0.06	C	0.03	D	0.03					
1		PL	308* 16	420		0.26									
1	DOUBL	PL	588* 16	700		0.82									
1		PL	210* 16	250		0.11	A	0.05	C	0.05					
2		PL	165* 10	229		0.15	A	0.08	C	0.08					
2		PL	157* 10	322		0.20	A	0.10	C	0.10					
6		PL	25* 10	30		0.01	A		C						
1		チエーン	5* 18* 42*250												
1	PIPE	STK	165.2* 4.5	530		0.26									HDG
J21-J22							A	25.49	C	0.48	D	8.50			

APPROACH BRIDGE DECK PL JL8-RR1 J22-J23															
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks		
1	DECK	PL	1174* 16	8188		19.23	A	9.61	D	9.61					
3	RIB9	PL	250* 24	8165		12.25	A	12.25							
1	ST-W	PL	400* 9	8176		6.54	A	6.54							
1	ST-F	PL	100* 10	8173		1.63	A	1.63							
1	K-DECK	PL	550* 16	1700		1.87	A	1.87							LIGHTING POST
1	K-WEB	PL	284* 12	2138		1.21	A	1.21							
2	K-RIB	PL	287* 12	559		0.64	A	0.64							
1	K-RIB	PL	364* 12	559		0.41	A	0.41							
1	K-FLG	PL	200* 12	474		0.19	A	0.19							
1	COV	PL	250* 19	362		0.18	C	0.18							DRAINAGE
2		PL	50* 19	362		0.07	C	0.04	D	0.04					
2		PL	50* 19	288		0.06	C	0.03	D	0.03					
1		PL	308* 16	420		0.26									
1	DOUBL	PL	588* 16	700		0.82									

Caluculation of Steel Primer

(Unit: mm, m²)

1		PL	210* 16	250	0.11	A	0.05	C	0.05				
2		PL	165* 10	229	0.15	A	0.08	C	0.08				
2		PL	157* 10	322	0.20	A	0.10	C	0.10				
6		PL	25* 10	30	0.01	A		C					
1		チエーン	5* 18* 42*250										
1	PIPE	STK	165.2* 4.5	530	0.26								HDG
J22-J23						A	34.58	C	0.48	D	9.68		

APPROACH BRIDGE DECK PL JL8-RR1 J23-J24													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	DECK	PL	1174* 16	8187		19.22	A	9.61	D	9.61			
3	RIB9	PL	250* 24	8165		12.25	A	12.25					
1	ST-W	PL	400* 9	8176		6.54	A	6.54					
1	ST-F	PL	100* 10	8173		1.63	A	1.63					
1	COV	PL	250* 19	362		0.18	C	0.18					DRAINAGE
2		PL	50* 19	362		0.07	C	0.04	D	0.04			
2		PL	50* 19	288		0.06	C	0.03	D	0.03			
1		PL	308* 16	420		0.26							
1	DOUBL	PL	588* 16	700		0.82							
1		PL	210* 16	250		0.11	A	0.05	C	0.05			
2		PL	165* 10	229		0.15	A	0.08	C	0.08			
2		PL	157* 10	322		0.20	A	0.10	C	0.10			
6		PL	25* 10	30		0.01	A		C				
1		チエーン	5* 18* 42*250										
1	PIPE	STK	165.2* 4.5	530		0.26							HDG
J23-J24						A	30.26	C	0.48	D	9.68		

APPROACH BRIDGE DECK PL JL8-RR1 J24-J25													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	DECK	PL	1174* 16	8108		19.04	A	9.52	D	9.52			
3	RIB9	PL	250* 24	8085		12.13	A	12.13					
1	ST-W	PL	400* 9	8096		6.48	A	6.48					
1	ST-F	PL	100* 10	8093		1.62	A	1.62					
1	COV	PL	250* 19	362		0.18	C	0.18					DRAINAGE
2		PL	50* 19	362		0.07	C	0.04	D	0.04			
2		PL	50* 19	288		0.06	C	0.03	D	0.03			
1		PL	308* 16	420		0.26							
1	DOUBL	PL	588* 16	700		0.82							
1		PL	210* 16	250		0.11	A	0.05	C	0.05			
2		PL	165* 10	229		0.15	A	0.08	C	0.08			

Caluculation of Steel Primer

(Unit: mm, m²)

2		PL	157* 10	322		0.20	A	0.10	C	0.10				
6		PL	25* 10	30		0.01	A		C					
1		チェーン	5* 18* 42*250											
1	PIPE	STK	165.2* 4.5	530		0.26								HDG
J24-J25							A	29.98	C	0.48	D	9.59		

APPROACH BRIDGE DECK PL JL8-RR1 J25-J26														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	DECK	PL	1207* 16	8181		19.75	A	9.87	D	9.87				
3	RIB9	PL	250* 24	8148		12.22	A	12.22						
1	ST-W	PL	400* 9	8144		6.52	A	6.52						
1	ST-F	PL	100* 10	8141		1.63	A	1.63						
1	COV	PL	250* 19	362		0.18	C	0.18						DRAINAGE
2		PL	50* 19	362		0.07	C	0.04	D	0.04				
2		PL	50* 19	288		0.06	C	0.03	D	0.03				
1		PL	308* 16	420		0.26								
1	DOUBL	PL	588* 16	700		0.82								
1		PL	210* 16	250		0.11	A	0.05	C	0.05				
2		PL	165* 10	229		0.15	A	0.08	C	0.08				
2		PL	157* 10	322		0.20	A	0.10	C	0.10				
6		PL	25* 10	30		0.01	A		C					
1		チェーン	5* 18* 42*250											
1	PIPE	STK	165.2* 4.5	530		0.26								HDG
J25-J26							A	30.47	C	0.48	D	9.94		

APPROACH BRIDGE DECK PL JL8-RR1 J26-J27														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	DECK	PL	1185* 16	7915		18.76	A	9.38	D	9.38				
3	RIB9	PL	250* 24	7888		11.83	A	11.83						
1	ST-W	PL	400* 9	7891		6.31	A	6.31						
1	ST-F	PL	100* 10	7889		1.58	A	1.58						
1	K-DECK	PL	550* 16	1700		1.87	A	1.87						LIGHTING POST
1	K-WEB	PL	284* 12	2138		1.21	A	1.21						
2	K-RIB	PL	287* 12	559		0.64	A	0.64						
1	K-RIB	PL	364* 12	559		0.41	A	0.41						
1	K-FLG	PL	200* 12	474		0.19	A	0.19						
1	COV	PL	250* 19	362		0.18	C	0.18						DRAINAGE
2		PL	50* 19	362		0.07	C	0.04	D	0.04				
2		PL	50* 19	288		0.06	C	0.03	D	0.03				
1		PL	308* 16	420		0.26								

Calculation of Steel Primer

(Unit: mm, m²)

1	DOUBL	PL	588* 16	700	0.82														
1		PL	210* 16	250	0.11	A	0.05	C	0.05										
2		PL	165* 10	229	0.15	A	0.08	C	0.08										
2		PL	157* 10	322	0.20	A	0.10	C	0.10										
6		PL	25* 10	30	0.01	A		C											
1		チエーン	5* 18* 42*250																
1	PIPE	STK	165.2* 4.5	530	0.26														HDG
J26-J27						A	33.65	C	0.48	D	9.45								

APPROACH BRIDGE DECK PL JL8-RR1 J27-J28

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
1	DECK	PL	1170* 16	7046	16.49	A	8.24	D	8.24				
3	RIB9	PL	250* 24	7026	10.54	A	10.54						
1	ST-W	PL	400* 9	7038	5.63	A	5.63						
1	ST-F	PL	100* 10	7036	1.41	A	1.41						
1	COV	PL	250* 19	362	0.18	C	0.18						DRAINAGE
2		PL	50* 19	362	0.07	C	0.04	D	0.04				
2		PL	50* 19	288	0.06	C	0.03	D	0.03				
1		PL	308* 16	420	0.26								
1	DOUBL	PL	588* 16	700	0.82								
1		PL	210* 16	250	0.11	A	0.05	C	0.05				
2		PL	165* 10	229	0.15	A	0.08	C	0.08				
2		PL	157* 10	322	0.20	A	0.10	C	0.10				
6		PL	25* 10	30	0.01	A		C					
1		チエーン	5* 18* 42*250										
1	PIPE	STK	165.2* 4.5	530	0.26								HDG
J27-J28						A	26.05	C	0.48	D	8.31		

APPROACH BRIDGE DECK PL JL8-RR1 J28-J29

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
1	DECK	PL	1170* 16	7085	16.58	A	8.29	D	8.29				
3	RIB9	PL	250* 24	7064	10.60	A	10.60						
1	ST-W	PL	400* 9	7076	5.66	A	5.66						
1	ST-F	PL	100* 10	7075	1.42	A	1.42						
1	COV	PL	250* 19	362	0.18	C	0.18						DRAINAGE
2		PL	50* 19	362	0.07	C	0.04	D	0.04				
2		PL	50* 19	288	0.06	C	0.03	D	0.03				
1		PL	308* 16	420	0.26								
1	DOUBL	PL	588* 16	700	0.82								
1		PL	210* 16	250	0.11	A	0.05	C	0.05				

Caluculation of Steel Primer

(Unit: mm, m²)

2		PL	165* 10	229		0.15	A	0.08	C	0.08				
2		PL	157* 10	322		0.20	A	0.10	C	0.10				
6		PL	25* 10	30		0.01	A		C					
1		チエ-ン	5* 18* 42*250											
1	PIPE	STK	165.2* 4.5	530		0.26								HDG
J28-J29							A	26.20	C	0.48	D	8.36		

APPROACH BRIDGE DECK PL JL8-RR1 J29-J30														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	DECK	PL	1170* 16	8377		19.60	A	9.80	D	9.80				
3	RIB9	PL	250* 24	8357		12.54	A	12.54						
1	ST-W	PL	400* 9	8369		6.70	A	6.70						
1	ST-F	PL	100* 10	8367		1.67	A	1.67						
1	COV	PL	250* 19	362		0.18	C	0.18						DRAINAGE
2		PL	50* 19	362		0.07	C	0.04	D	0.04				
2		PL	50* 19	288		0.06	C	0.03	D	0.03				
1		PL	308* 16	420		0.26								
1	DOUBL	PL	588* 16	700		0.82								
1		PL	210* 16	250		0.11	A	0.05	C	0.05				
2		PL	165* 10	229		0.15	A	0.08	C	0.08				
2		PL	157* 10	322		0.20	A	0.10	C	0.10				
6		PL	25* 10	30		0.01	A		C					
1		チエ-ン	5* 18* 42*250											
1	PIPE	STK	165.2* 4.5	530		0.26								HDG
J29-J30							A	30.94	C	0.48	D	9.87		

APPROACH BRIDGE DECK PL JL8-RR1 J30-J31														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	DECK	PL	1170* 16	8136		19.04	A	9.52	D	9.52				
3	RIB9	PL	250* 24	8115		12.17	A	12.17						
1	ST-W	PL	400* 9	8127		6.50	A	6.50						
1	ST-F	PL	100* 10	8126		1.63	A	1.63						
1	COV	PL	250* 19	362		0.18	C	0.18						DRAINAGE
2		PL	50* 19	362		0.07	C	0.04	D	0.04				
2		PL	50* 19	288		0.06	C	0.03	D	0.03				
1		PL	308* 16	420		0.26								
1	DOUBL	PL	588* 16	700		0.82								
1		PL	210* 16	250		0.11	A	0.05	C	0.05				
2		PL	165* 10	229		0.15	A	0.08	C	0.08				
2		PL	157* 10	322		0.20	A	0.10	C	0.10				

Caluculation of Steel Primer

(Unit: mm, m²)

6		PL	25* 10	30		0.01	A		C					
1		パイプ	5* 18* 42*250											
1	PIPE	STK	165.2* 4.5	530		0.26								HDG
J30-J31							A	30.05	C	0.48	D	9.59		

APPROACH BRIDGE DECK PL JL8-RR1 J31-J32														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	DECK	PL	1194* 16	8364		19.97	A	9.99	D	9.99				
3	RIB9	PL	250* 24	8329		12.49	A	12.49						
1	ST-W	PL	400* 9	8354		6.68	A	6.68						
1	ST-F	PL	100* 10	8353		1.67	A	1.67						
1	K-DECK	PL	550* 16	1700		1.87	A	1.87						LIGHTING POST
1	K-WEB	PL	284* 12	2138		1.21	A	1.21						
2	K-RIB	PL	287* 12	559		0.64	A	0.64						
1	K-RIB	PL	364* 12	559		0.41	A	0.41						
1	K-FLG	PL	200* 12	474		0.19	A	0.19						
1	COV	PL	250* 19	362		0.18	C	0.18						DRAINAGE
2		PL	50* 19	362		0.07	C	0.04	D	0.04				
2		PL	50* 19	288		0.06	C	0.03	D	0.03				
1		PL	308* 16	420		0.26								
1	DOUBL	PL	588* 16	700		0.82								
1		PL	210* 16	250		0.11	A	0.05	C	0.05				
2		PL	165* 10	229		0.15	A	0.08	C	0.08				
2		PL	157* 10	322		0.20	A	0.10	C	0.10				
6		PL	25* 10	30		0.01	A		C					
1		パイプ	5* 18* 42*250											
1	PIPE	STK	165.2* 4.5	530		0.26								HDG
J31-J32							A	35.38	C	0.48	D	10.06		

APPROACH BRIDGE DECK PL JL8-RR1 J32-GE2														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	DECK	PL	1179* 16	6059		14.29	B	7.14	D	7.14				
1	DECK	PL	1179* 16	1320		3.11	B	1.56	D	1.56				
3	RIB9	PL	750* 24	7254	45	14.69	B	14.69						
1	ST-W	PL	900* 9	7315	50	6.58	B	6.58						
1	ST-F	PL	100* 10	7356		1.47	B	1.47						
1	END	PL	260* 10	1120		0.58	B	0.58						
1	COV	PL	250* 19	362		0.18	C	0.18						DRAINAGE
2		PL	50* 19	362		0.07	C	0.04	D	0.04				
2		PL	50* 19	288		0.06	C	0.03	D	0.03				

Caluculation of Steel Primer

(Unit: mm,m²)

1		PL	308* 16	420	0.26								
1	DOUBL	PL	588* 16	700	0.82								
1		PL	210* 16	250	0.11	B	0.05	C	0.05				
2		PL	165* 10	229	0.15	B	0.08	C	0.08				
2		PL	157* 10	322	0.20	B	0.10	C	0.10				
6		PL	25* 10	30	0.01	B		C					
1		チェーン	5* 18* 42*250										
1	PIPE	STK	165.2* 4.5	530	0.26								HDG
J32-GE2						B	32.25	C	0.48	D	8.77		
JL8-RR1						A	922.37	B	69.57	C	14.88	D	304.31
DECK PL						A	5986.35	B	635.48	C	5320.21	D	6049.23
APPROACH BRIDGE						A	5986.35	B	635.48	C	5320.21	D	6049.23

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL1 GE1-J1														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
2	E-SPL	PL	165* 9	185		0.12	F	0.06	M	0.12				
4	E-SPL	TCB	M 22* 65			0.02	J	0.02						
1	D-SPL-U	PL	215* 9	1025		0.44	H	0.22	M	0.44				
1	D-SPL-U	PL	235* 9	4636		2.18	H	1.09	M	2.18				
1	D-SPL-U	PL	235* 9	2670		1.25	H	0.63	M	1.25				
1	D-SPL	PL	215* 9	995		0.43	F	0.21	M	0.43				
1	D-SPL	PL	235* 9	1970		0.93	F	0.46	M	0.93				
2	D-SPL	PL	235* 9	2266		2.13	F	1.07	M	2.13				
1	D-SPL	PL	235* 9	304		0.14	F	0.07	M	0.14				
168	D-SPL	TCB	M 22* 70			0.85	J	0.14	L	0.71				
GE1-J1							F	1.87	H	1.94	J	0.16	L	0.71
							M	7.62						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL1 J1-J2														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	3888		1.83	H	0.91	M	1.83				
1	D-SPL-U	PL	235* 9	3925		1.84	H	0.92	M	1.84				
1	D-SPL	PL	235* 9	1472		0.69	E	0.35	M	0.69				
2	D-SPL	PL	235* 9	2316		2.18	E	1.09	M	2.18				
1	D-SPL	PL	235* 9	1509		0.71	E	0.35	M	0.71				
156	D-SPL	TCB	M 22* 70			0.79	I	0.13	L	0.66				
J1-J2							E	1.79	H	1.83	I	0.13	L	0.66
							M	7.25						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL1 J2-J3														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	2732		1.28	H	0.64	M	1.28				
1	D-SPL-U	PL	235* 9	4762		2.24	H	1.12	M	2.24				
1	D-SPL-U	PL	235* 9	347		0.16	H	0.08	M	0.16				
1	D-SPL	PL	235* 9	317		0.15	E	0.07	M	0.15				
3	D-SPL	PL	235* 9	2316		3.27	E	1.63	M	3.27				
1	D-SPL	PL	235* 9	317		0.15	E	0.07	M	0.15				
158	D-SPL	TCB	M 22* 70			0.80	I	0.14	L	0.66				
J2-J3							E	1.77	H	1.84	I	0.14	L	0.66
							M	7.25						

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL1 J3-J4														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	3925		1.84	H	0.92	M	1.84				
1	D-SPL-U	PL	235* 9	3875		1.82	H	0.91	M	1.82				
1	D-SPL	PL	235* 9	1509		0.71	E	0.35	M	0.71				
2	D-SPL	PL	235* 9	2316		2.18	E	1.09	M	2.18				
1	D-SPL	PL	235* 9	1459		0.69	E	0.34	M	0.69				
156	D-SPL	TCB	M 22* 70			0.79	I	0.13	L	0.66				
J3-J4							E	1.78	H	1.83	I	0.13	L	0.66
							M	7.24						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL1 J4-J5														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	2783		1.31	H	0.65	M	1.31				
1	D-SPL-U	PL	235* 9	4762		2.24	H	1.12	M	2.24				
1	D-SPL-U	PL	235* 9	347		0.16	H	0.08	M	0.16				
1	D-SPL	PL	235* 9	367		0.17	E	0.09	M	0.17				
3	D-SPL	PL	235* 9	2316		3.27	E	1.63	M	3.27				
1	D-SPL	PL	235* 9	317		0.15	E	0.07	M	0.15				
158	D-SPL	TCB	M 22* 70			0.80	I	0.14	L	0.66				
J4-J5							E	1.79	H	1.85	I	0.14	L	0.66
							M	7.30						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL1 J5-J6														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
2	D-SPL-U	PL	235* 9	3925		3.69	H	1.84	M	3.69				
2	D-SPL	PL	235* 9	1509		1.42	E	0.71	M	1.42				
2	D-SPL	PL	235* 9	2316		2.18	E	1.09	M	2.18				
160	D-SPL	TCB	M 22* 70			0.81	I	0.14	L	0.67				
J5-J6							E	1.80	H	1.84	I	0.14	L	0.67
							M	7.29						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL1 J6-J7													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	235* 9	2732		1.28	H	0.64	M	1.28			
1	D-SPL-U	PL	235* 9	4762		2.24	H	1.12	M	2.24			
1	D-SPL-U	PL	235* 9	347		0.16	H	0.08	M	0.16			

Caluculation of Steel Primer

(Unit: mm, m²)

2	D-SPL	PL	235* 9	317	0.30	E	0.15	M	0.30				
3	D-SPL	PL	235* 9	2316	3.27	E	1.63	M	3.27				
158	D-SPL	TCB	M 22* 70		0.80	I	0.14	L	0.66				
J6-J7						E	1.78	H	1.84	I	0.14	L	0.66
						M	7.25						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL1 J7-J8													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	D-SPL-U	PL	235* 9	3925	3.69	H	1.84	M	3.69				
2	D-SPL	PL	235* 9	1509	1.42	E	0.71	M	1.42				
2	D-SPL	PL	235* 9	2316	2.18	E	1.09	M	2.18				
160	D-SPL	TCB	M 22* 70		0.81	I	0.14	L	0.67				
J7-J8						E	1.80	H	1.84	I	0.14	L	0.67
						M	7.29						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL1 J8-J9													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	235* 9	2682	1.26	H	0.63	M	1.26				
1	D-SPL-U	PL	235* 9	3838	1.80	H	0.90	M	1.80				
1	D-SPL	PL	235* 9	317	0.15	E	0.07	M	0.15				
2	D-SPL	PL	235* 9	2266	2.13	E	1.07	M	2.13				
1	D-SPL	PL	235* 9	1472	0.69	E	0.35	M	0.69				
132	D-SPL	TCB	M 22* 70		0.67	I	0.11	L	0.55				
J8-J9						E	1.49	H	1.53	I	0.11	L	0.55
						M	6.03						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL1 J9-J10													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	235* 9	2670	1.25	H	0.63	M	1.25				
1	D-SPL-U	PL	235* 9	2717	1.28	H	0.64	M	1.28				
1	D-SPL	PL	235* 9	304	0.14	E	0.07	M	0.14				
1	D-SPL	PL	235* 9	2266	1.07	E	0.53	M	1.07				
1	D-SPL	PL	235* 9	2303	1.08	E	0.54	M	1.08				
1	D-SPL	PL	235* 9	313	0.15	E	0.07	M	0.15				
112	D-SPL	TCB	M 22* 70		0.57	I	0.10	L	0.47				
J9-J10						E	1.21	H	1.27	I	0.10	L	0.47
						M	4.97						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL1 J10-J11														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	3903		1.83	H	0.92	M	1.83				
1	D-SPL-U	PL	235* 9	2726		1.28	H	0.64	M	1.28				
1	D-SPL	PL	235* 9	1500		0.71	E	0.35	M	0.71				
2	D-SPL	PL	235* 9	2303		2.16	E	1.08	M	2.16				
1	D-SPL	PL	235* 9	323		0.15	E	0.08	M	0.15				
132	D-SPL	TCB	M 22* 70			0.67	I	0.11	L	0.55				
J10-J11							E	1.51	H	1.56	I	0.11	L	0.55
							M	6.13						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL1 J11-J12														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
2	D-SPL-U	PL	235* 9	3969		3.73	H	1.87	M	3.73				
2	D-SPL	PL	235* 9	1528		1.44	E	0.72	M	1.44				
2	D-SPL	PL	235* 9	2341		2.20	E	1.10	M	2.20				
168	D-SPL	TCB	M 22* 70			0.85	I	0.14	L	0.71				
J11-J12							E	1.82	H	1.87	I	0.14	L	0.71
							M	7.37						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL1 J12-J13														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	2764		1.30	H	0.65	M	1.30				
1	D-SPL-U	PL	235* 9	4812		2.26	H	1.13	M	2.26				
1	D-SPL-U	PL	235* 9	353		0.17	H	0.08	M	0.17				
2	D-SPL	PL	235* 9	323		0.30	E	0.15	M	0.30				
3	D-SPL	PL	235* 9	2341		3.30	E	1.65	M	3.30				
170	D-SPL	TCB	M 22* 70			0.86	I	0.15	L	0.71				
J12-J13							E	1.80	H	1.86	I	0.15	L	0.71
							M	7.33						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL1 J13-J14													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	235* 9	3969		1.87	H	0.93	M	1.87			
1	D-SPL-U	PL	235* 9	2764		1.30	H	0.65	M	1.30			
1	D-SPL	PL	235* 9	1528		0.72	E	0.36	M	0.72			

Caluculation of Steel Primer

(Unit: mm, m²)

2	D-SPL	PL	235* 9	2341		2.20	E	1.10	M	2.20				
1	D-SPL	PL	235* 9	323		0.15	E	0.08	M	0.15				
144	D-SPL	TCB	M 22* 70			0.73	I	0.12	L	0.60				
J13-J14							E	1.54	H	1.58	I	0.12	L	0.60
							M	6.24						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL1 J14-J15														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
2	D-SPL-U	PL	235* 9	3969		3.73	H	1.87	M	3.73				
2	D-SPL	PL	235* 9	1528		1.44	E	0.72	M	1.44				
2	D-SPL	PL	235* 9	2341		2.20	E	1.10	M	2.20				
168	D-SPL	TCB	M 22* 70			0.85	I	0.14	L	0.71				
J14-J15							E	1.82	H	1.87	I	0.14	L	0.71
							M	7.37						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL1 J15-J16														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	2764		1.30	H	0.65	M	1.30				
1	D-SPL-U	PL	235* 9	3969		1.87	H	0.93	M	1.87				
1	D-SPL	PL	235* 9	323		0.15	E	0.08	M	0.15				
2	D-SPL	PL	235* 9	2341		2.20	E	1.10	M	2.20				
1	D-SPL	PL	235* 9	1528		0.72	E	0.36	M	0.72				
144	D-SPL	TCB	M 22* 70			0.73	I	0.12	L	0.60				
J15-J16							E	1.54	H	1.58	I	0.12	L	0.60
							M	6.24						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL1 J16-J17														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	2764		1.30	H	0.65	M	1.30				
1	D-SPL-U	PL	235* 9	4812		2.26	H	1.13	M	2.26				
1	D-SPL-U	PL	235* 9	353		0.17	H	0.08	M	0.17				
2	D-SPL	PL	235* 9	323		0.30	E	0.15	M	0.30				
3	D-SPL	PL	235* 9	2341		3.30	E	1.65	M	3.30				
170	D-SPL	TCB	M 22* 70			0.86	I	0.15	L	0.71				
J16-J17							E	1.80	H	1.86	I	0.15	L	0.71
							M	7.33						

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL1 J17-J18														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	3969		1.87	H	0.93	M	1.87				
1	D-SPL-U	PL	235* 9	3894		1.83	H	0.92	M	1.83				
1	D-SPL	PL	235* 9	1528		0.72	E	0.36	M	0.72				
2	D-SPL	PL	235* 9	2341		2.20	E	1.10	M	2.20				
1	D-SPL	PL	235* 9	1453		0.68	E	0.34	M	0.68				
164	D-SPL	TCB	M 22* 70			0.83	I	0.14	L	0.69				
J17-J18							E	1.80	H	1.85	I	0.14	L	0.69
							M	7.30						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL1 J18-J19														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	2651		1.25	H	0.62	M	1.25				
1	D-SPL-U	PL	235* 9	3578		1.68	H	0.84	M	1.68				
1	D-SPL	PL	235* 9	248		0.12	E	0.06	M	0.12				
2	D-SPL	PL	235* 9	2303		2.16	E	1.08	M	2.16				
1	D-SPL	PL	235* 9	1174		0.55	E	0.28	M	0.55				
124	D-SPL	TCB	M 22* 70			0.63	I	0.11	L	0.52				
J18-J19							E	1.42	H	1.46	I	0.11	L	0.52
							M	5.76						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL1 J19-J20														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	2892		1.36	H	0.68	M	1.36				
1	D-SPL-U	PL	235* 9	2680		1.26	H	0.63	M	1.26				
1	D-SPL	PL	235* 9	489		0.23	E	0.11	M	0.23				
1	D-SPL	PL	235* 9	2303		1.08	E	0.54	M	1.08				
1	D-SPL	PL	235* 9	2165		1.02	E	0.51	M	1.02				
1	D-SPL	PL	235* 9	415		0.20	E	0.10	M	0.20				
116	D-SPL	TCB	M 22* 70			0.59	I	0.10	L	0.49				
J19-J20							E	1.26	H	1.31	I	0.10	L	0.49
							M	5.15						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL1 J20-J21													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	235* 9	3376		1.59	H	0.79	M	1.59			

Caluculation of Steel Primer

(Unit: mm, m²)

1	D-SPL-U	PL	235* 9	2575		1.21	H	0.61	M	1.21				
1	D-SPL	PL	235* 9	1111		0.52	E	0.26	M	0.52				
2	D-SPL	PL	235* 9	2165		2.04	E	1.02	M	2.04				
1	D-SPL	PL	235* 9	310		0.15	E	0.07	M	0.15				
128	D-SPL	TCB	M 22* 70			0.65	I	0.11	L	0.54				
J20-J21							E	1.35	H	1.40	I	0.11	L	0.54
							M	5.51						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL1 J21-J22														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	D-SPL-U	PL	235* 9	3881		1.82	H	0.91	M	1.82				
1	D-SPL-U	PL	235* 9	2701		1.27	H	0.63	M	1.27				
1	D-SPL	PL	235* 9	1491		0.70	E	0.35	M	0.70				
2	D-SPL	PL	235* 9	2291		2.15	E	1.08	M	2.15				
1	D-SPL	PL	235* 9	310		0.15	E	0.07	M	0.15				
132	D-SPL	TCB	M 22* 70			0.67	I	0.11	L	0.55				
J21-J22							E	1.50	H	1.54	I	0.11	L	0.55
							M	6.09						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL1 J22-J23														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
2	D-SPL-U	PL	235* 9	3881		3.65	H	1.82	M	3.65				
2	D-SPL	PL	235* 9	1491		1.40	E	0.70	M	1.40				
2	D-SPL	PL	235* 9	2291		2.15	E	1.08	M	2.15				
152	D-SPL	TCB	M 22* 70			0.77	I	0.13	L	0.64				
J22-J23							E	1.78	H	1.82	I	0.13	L	0.64
							M	7.20						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL1 J23-J24														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	D-SPL-U	PL	235* 9	2701		1.27	H	0.63	M	1.27				
1	D-SPL-U	PL	235* 9	4712		2.21	H	1.11	M	2.21				
1	D-SPL-U	PL	235* 9	340		0.16	H	0.08	M	0.16				
2	D-SPL	PL	235* 9	310		0.29	E	0.15	M	0.29				
3	D-SPL	PL	235* 9	2291		3.23	E	1.62	M	3.23				
158	D-SPL	TCB	M 22* 70			0.80	I	0.14	L	0.66				
J23-J24							E	1.77	H	1.82	I	0.14	L	0.66

Caluculation of Steel Primer

(Unit: mm, m²)

	M	7.16							
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APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL1 J24-J25													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
1	D-SPL-U	PL	235* 9	3881		1.82	H	0.91	M	1.82			
1	D-SPL-U	PL	235* 9	3726		1.75	H	0.88	M	1.75			
1	D-SPL	PL	235* 9	1491		0.70	E	0.35	M	0.70			
2	D-SPL	PL	235* 9	2291		2.15	E	1.08	M	2.15			
1	D-SPL	PL	235* 9	1335		0.63	E	0.31	M	0.63			
152	D-SPL	TCB	M 22* 70			0.77	I	0.13	L	0.64			
J24-J25						E	1.74	H	1.79	I	0.13	L	0.64
						M	7.05						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL1 J25-J26													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
1	D-SPL-U	PL	235* 9	2706		1.27	H	0.64	M	1.27			
1	D-SPL-U	PL	235* 9	4734		2.22	H	1.11	M	2.22			
1	D-SPL-U	PL	235* 9	376		0.18	H	0.09	M	0.18			
1	D-SPL	PL	235* 9	315		0.15	E	0.07	M	0.15			
1	D-SPL	PL	235* 9	2291		1.08	E	0.54	M	1.08			
1	D-SPL	PL	235* 9	2381		1.12	E	0.56	M	1.12			
1	D-SPL	PL	235* 9	2223		1.04	E	0.52	M	1.04			
1	D-SPL	PL	235* 9	346		0.16	E	0.08	M	0.16			
162	D-SPL	TCB	M 22* 70			0.82	I	0.14	L	0.68			
J25-J26						E	1.77	H	1.84	I	0.14	L	0.68
						M	7.22						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL1 J26-J27													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
1	D-SPL-U	PL	235* 9	3560		1.67	H	0.84	M	1.67			
1	D-SPL-U	PL	235* 9	3606		1.69	H	0.85	M	1.69			
1	D-SPL	PL	235* 9	1237		0.58	E	0.29	M	0.58			
1	D-SPL	PL	235* 9	2223		1.04	E	0.52	M	1.04			
1	D-SPL	PL	235* 9	2276		1.07	E	0.53	M	1.07			
1	D-SPL	PL	235* 9	1229		0.58	E	0.29	M	0.58			
144	D-SPL	TCB	M 22* 70			0.73	I	0.12	L	0.60			
J26-J27						E	1.63	H	1.69	I	0.12	L	0.60
						M	6.63						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL1 J27-J28														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	2796		1.31	H	0.66	M	1.31				
1	D-SPL-U	PL	235* 9	3672		1.73	H	0.86	M	1.73				
1	D-SPL	PL	235* 9	413		0.19	E	0.10	M	0.19				
2	D-SPL	PL	235* 9	2283		2.15	E	1.07	M	2.15				
1	D-SPL	PL	235* 9	1290		0.61	E	0.30	M	0.61				
128	D-SPL	TCB	M 22* 70			0.65	I	0.11	L	0.54				
J27-J28							E	1.47	H	1.52	I	0.11	L	0.54
							M	5.99						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL1 J28-J29														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	2736		1.29	H	0.64	M	1.29				
1	D-SPL-U	PL	235* 9	3713		1.75	H	0.87	M	1.75				
1	D-SPL	PL	235* 9	353		0.17	E	0.08	M	0.17				
2	D-SPL	PL	235* 9	2283		2.15	E	1.07	M	2.15				
1	D-SPL	PL	235* 9	1330		0.63	E	0.31	M	0.63				
132	D-SPL	TCB	M 22* 70			0.67	I	0.11	L	0.55				
J28-J29							E	1.46	H	1.51	I	0.11	L	0.55
							M	5.99						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL1 J29-J30														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	2697		1.27	H	0.63	M	1.27				
1	D-SPL-U	PL	235* 9	4697		2.21	H	1.10	M	2.21				
1	D-SPL-U	PL	235* 9	343		0.16	H	0.08	M	0.16				
2	D-SPL	PL	235* 9	313		0.29	E	0.15	M	0.29				
2	D-SPL	PL	235* 9	2283		2.15	E	1.07	M	2.15				
1	D-SPL	PL	235* 9	2284		1.07	E	0.54	M	1.07				
158	D-SPL	TCB	M 22* 70			0.80	I	0.14	L	0.66				
J29-J30							E	1.76	H	1.81	I	0.14	L	0.66
							M	7.15						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL1 J30-J31													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks

Caluculation of Steel Primer

(Unit: mm, m²)

1	D-SPL-U	PL	235* 9	3714		1.75	H	0.87	M	1.75				
1	D-SPL-U	PL	235* 9	3870		1.82	H	0.91	M	1.82				
1	D-SPL	PL	235* 9	1330		0.63	E	0.31	M	0.63				
2	D-SPL	PL	235* 9	2284		2.15	E	1.07	M	2.15				
1	D-SPL	PL	235* 9	1486		0.70	E	0.35	M	0.70				
152	D-SPL	TCB	M 22* 70			0.77	I	0.13	L	0.64				
J30-J31							E	1.73	H	1.78	I	0.13	L	0.64
							M	7.05						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL1 J31-J32														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	D-SPL-U	PL	235* 9	2723		1.28	H	0.64	M	1.28				
1	D-SPL-U	PL	235* 9	4790		2.25	H	1.13	M	2.25				
1	D-SPL-U	PL	235* 9	350		0.16	H	0.08	M	0.16				
1	D-SPL	PL	235* 9	309		0.15	E	0.07	M	0.15				
1	D-SPL	PL	235* 9	2314		1.09	E	0.54	M	1.09				
1	D-SPL	PL	235* 9	2343		1.10	E	0.55	M	1.10				
1	D-SPL	PL	235* 9	2317		1.09	E	0.54	M	1.09				
1	D-SPL	PL	235* 9	320		0.15	E	0.08	M	0.15				
162	D-SPL	TCB	M 22* 70			0.82	I	0.14	L	0.68				
J31-J32							E	1.78	H	1.85	I	0.14	L	0.68
							M	7.27						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL1 J32-GE2														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
2	E-SPL	PL	165* 9	185		0.12	F	0.06	M	0.12				
4	E-SPL	TCB	M 22* 65			0.02	J	0.02						
1	D-SPL-U	PL	235* 9	3941		1.85	H	0.93	M	1.85				
1	D-SPL-U	PL	235* 9	2015		0.95	H	0.47	M	0.95				
1	D-SPL-U	PL	215* 9	1225		0.53	H	0.26	M	0.53				
1	D-SPL	PL	235* 9	1586		0.75	F	0.37	M	0.75				
2	D-SPL	PL	235* 9	1955		1.84	F	0.92	M	1.84				
1	D-SPL	PL	215* 9	1195		0.51	F	0.26	M	0.51				
150	D-SPL	TCB	M 22* 70			0.76	J	0.13	L	0.63				
J32-GE2							F	1.61	H	1.66	J	0.15	L	0.63
							M	6.55						
JL1							E	51.26	F	3.48	H	56.44	I	3.96
							J	0.31	L	20.67	M	222.57		

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL2 GE1-J1														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
2	E-SPL	PL	165* 9	185		0.12	F	0.06	M	0.12				
4	E-SPL	TCB	M 22* 65			0.02	J	0.02						
1	D-SPL-U	PL	215* 9	1025		0.44	H	0.22	M	0.44				
1	D-SPL-U	PL	235* 9	4356		2.05	H	1.02	M	2.05				
1	D-SPL-U	PL	235* 9	2665		1.25	H	0.63	M	1.25				
1	D-SPL	PL	215* 9	995		0.43	F	0.21	M	0.43				
1	D-SPL	PL	235* 9	1964		0.92	F	0.46	M	0.92				
2	D-SPL	PL	235* 9	2262		2.13	F	1.06	M	2.13				
1	D-SPL	PL	235* 9	303		0.14	F	0.07	M	0.14				
168	D-SPL	TCB	M 22* 70			0.85	J	0.14	L	0.71				
GE1-J1							F	1.86	H	1.87	J	0.16	L	0.71
							M	7.48						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL2 J1-J2														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	3881		1.82	H	0.91	M	1.82				
1	D-SPL-U	PL	235* 9	3918		1.84	H	0.92	M	1.84				
1	D-SPL	PL	235* 9	1469		0.69	E	0.35	M	0.69				
2	D-SPL	PL	235* 9	2312		2.17	E	1.09	M	2.17				
1	D-SPL	PL	235* 9	1506		0.71	E	0.35	M	0.71				
152	D-SPL	TCB	M 22* 70			0.77	I	0.13	L	0.64				
J1-J2							E	1.79	H	1.83	I	0.13	L	0.64
							M	7.23						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL2 J2-J3														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	2727		1.28	H	0.64	M	1.28				
1	D-SPL-U	PL	235* 9	4754		2.23	H	1.12	M	2.23				
1	D-SPL-U	PL	235* 9	346		0.16	H	0.08	M	0.16				
2	D-SPL	PL	235* 9	316		0.30	E	0.15	M	0.30				
3	D-SPL	PL	235* 9	2312		3.26	E	1.63	M	3.26				
158	D-SPL	TCB	M 22* 70			0.80	I	0.14	L	0.66				
J2-J3							E	1.78	H	1.84	I	0.14	L	0.66
							M	7.23						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL2 J3-J4												
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Caluculation of Steel Primer

(Unit: mm, m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	3918		1.84	H	0.92	M	1.84				
1	D-SPL-U	PL	235* 9	3868		1.82	H	0.91	M	1.82				
1	D-SPL	PL	235* 9	1506		0.71	E	0.35	M	0.71				
2	D-SPL	PL	235* 9	2312		2.17	E	1.09	M	2.17				
1	D-SPL	PL	235* 9	1456		0.68	E	0.34	M	0.68				
156	D-SPL	TCB	M 22* 70			0.79	I	0.13	L	0.66				
J3-J4							E	1.78	H	1.83	I	0.13	L	0.66
							M	7.22						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL2 J4-J5														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	2777		1.31	H	0.65	M	1.31				
1	D-SPL-U	PL	235* 9	4754		2.23	H	1.12	M	2.23				
1	D-SPL-U	PL	235* 9	346		0.16	H	0.08	M	0.16				
1	D-SPL	PL	235* 9	366		0.17	E	0.09	M	0.17				
3	D-SPL	PL	235* 9	2312		3.26	E	1.63	M	3.26				
1	D-SPL	PL	235* 9	316		0.15	E	0.07	M	0.15				
158	D-SPL	TCB	M 22* 70			0.80	I	0.14	L	0.66				
J4-J5							E	1.79	H	1.85	I	0.14	L	0.66
							M	7.28						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL2 J5-J6														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
2	D-SPL-U	PL	235* 9	3918		3.68	H	1.84	M	3.68				
2	D-SPL	PL	235* 9	1506		1.42	E	0.71	M	1.42				
2	D-SPL	PL	235* 9	2312		2.17	E	1.09	M	2.17				
152	D-SPL	TCB	M 22* 70			0.77	I	0.13	L	0.64				
J5-J6							E	1.80	H	1.84	I	0.13	L	0.64
							M	7.27						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL2 J6-J7														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	2727		1.28	H	0.64	M	1.28				
1	D-SPL-U	PL	235* 9	4754		2.23	H	1.12	M	2.23				
1	D-SPL-U	PL	235* 9	346		0.16	H	0.08	M	0.16				
2	D-SPL	PL	235* 9	316		0.30	E	0.15	M	0.30				

Caluculation of Steel Primer

(Unit: mm, m²)

3	D-SPL	PL	235* 9	2312		3.26	E	1.63	M	3.26					
158	D-SPL	TCB	M 22* 70			0.80	I	0.14	L	0.66					
J6-J7								E	1.78	H	1.84	I	0.14	L	0.66
								M	7.23						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL2 J7-J8															
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks	
2	D-SPL-U	PL	235* 9	3918		3.68	H	1.84	M	3.68					
2	D-SPL	PL	235* 9	1506		1.42	E	0.71	M	1.42					
2	D-SPL	PL	235* 9	2312		2.17	E	1.09	M	2.17					
152	D-SPL	TCB	M 22* 70			0.77	I	0.13	L	0.64					
J7-J8								E	1.80	H	1.84	I	0.13	L	0.64
								M	7.27						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL2 J8-J9															
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks	
1	D-SPL-U	PL	235* 9	2677		1.26	H	0.63	M	1.26					
1	D-SPL-U	PL	235* 9	3831		1.80	H	0.90	M	1.80					
1	D-SPL	PL	235* 9	316		0.15	E	0.07	M	0.15					
2	D-SPL	PL	235* 9	2262		2.13	E	1.06	M	2.13					
1	D-SPL	PL	235* 9	1469		0.69	E	0.35	M	0.69					
132	D-SPL	TCB	M 22* 70			0.67	I	0.11	L	0.55					
J8-J9								E	1.48	H	1.53	I	0.11	L	0.55
								M	6.03						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL2 J9-J10															
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks	
1	D-SPL-U	PL	235* 9	2665		1.25	H	0.63	M	1.25					
1	D-SPL-U	PL	235* 9	2712		1.27	H	0.64	M	1.27					
1	D-SPL	PL	235* 9	303		0.14	E	0.07	M	0.14					
1	D-SPL	PL	235* 9	2262		1.06	E	0.53	M	1.06					
1	D-SPL	PL	235* 9	2299		1.08	E	0.54	M	1.08					
1	D-SPL	PL	235* 9	312		0.15	E	0.07	M	0.15					
112	D-SPL	TCB	M 22* 70			0.57	I	0.10	L	0.47					
J9-J10								E	1.21	H	1.27	I	0.10	L	0.47
								M	4.95						

Caluculation of Steel Primer

(Unit: mm, m²)

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL2 J10-J11														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	3896		1.83	H	0.92	M	1.83				
1	D-SPL-U	PL	235* 9	2721		1.28	H	0.64	M	1.28				
1	D-SPL	PL	235* 9	1497		0.70	E	0.35	M	0.70				
2	D-SPL	PL	235* 9	2299		2.16	E	1.08	M	2.16				
1	D-SPL	PL	235* 9	322		0.15	E	0.08	M	0.15				
132	D-SPL	TCB	M 22* 70			0.67	I	0.11	L	0.55				
J10-J11							E	1.51	H	1.56	I	0.11	L	0.55
							M	6.12						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL2 J11-J12														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
2	D-SPL-U	PL	235* 9	3962		3.72	H	1.86	M	3.72				
2	D-SPL	PL	235* 9	1525		1.43	E	0.72	M	1.43				
2	D-SPL	PL	235* 9	2337		2.20	E	1.10	M	2.20				
168	D-SPL	TCB	M 22* 70			0.85	I	0.14	L	0.71				
J11-J12							E	1.82	H	1.86	I	0.14	L	0.71
							M	7.35						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL2 J12-J13														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	2759		1.30	H	0.65	M	1.30				
1	D-SPL-U	PL	235* 9	4804		2.26	H	1.13	M	2.26				
1	D-SPL-U	PL	235* 9	352		0.17	H	0.08	M	0.17				
2	D-SPL	PL	235* 9	322		0.30	E	0.15	M	0.30				
3	D-SPL	PL	235* 9	2337		3.30	E	1.65	M	3.30				
170	D-SPL	TCB	M 22* 70			0.86	I	0.15	L	0.71				
J12-J13							E	1.80	H	1.86	I	0.15	L	0.71
							M	7.33						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL2 J13-J14													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	235* 9	3962		1.86	H	0.93	M	1.86			
1	D-SPL-U	PL	235* 9	2759		1.30	H	0.65	M	1.30			
1	D-SPL	PL	235* 9	1525		0.72	E	0.36	M	0.72			
2	D-SPL	PL	235* 9	2337		2.20	E	1.10	M	2.20			

Caluculation of Steel Primer

(Unit: mm, m²)

1	D-SPL	PL	235* 9	322		0.15	E	0.08	M	0.15				
144	D-SPL	TCB	M 22* 70			0.73	I	0.12	L	0.60				
J13-J14							E	1.54	H	1.58	I	0.12	L	0.60
							M	6.23						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL2 J14-J15														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
2	D-SPL-U	PL	235* 9	3962		3.72	H	1.86	M	3.72				
2	D-SPL	PL	235* 9	1525		1.43	E	0.72	M	1.43				
2	D-SPL	PL	235* 9	2337		2.20	E	1.10	M	2.20				
168	D-SPL	TCB	M 22* 70			0.85	I	0.14	L	0.71				
J14-J15							E	1.82	H	1.86	I	0.14	L	0.71
							M	7.35						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL2 J15-J16														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	D-SPL-U	PL	235* 9	2759		1.30	H	0.65	M	1.30				
1	D-SPL-U	PL	235* 9	3962		1.86	H	0.93	M	1.86				
1	D-SPL	PL	235* 9	322		0.15	E	0.08	M	0.15				
2	D-SPL	PL	235* 9	2337		2.20	E	1.10	M	2.20				
1	D-SPL	PL	235* 9	1525		0.72	E	0.36	M	0.72				
144	D-SPL	TCB	M 22* 70			0.73	I	0.12	L	0.60				
J15-J16							E	1.54	H	1.58	I	0.12	L	0.60
							M	6.23						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL2 J16-J17														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	D-SPL-U	PL	235* 9	2759		1.30	H	0.65	M	1.30				
1	D-SPL-U	PL	235* 9	4804		2.26	H	1.13	M	2.26				
1	D-SPL-U	PL	235* 9	352		0.17	H	0.08	M	0.17				
2	D-SPL	PL	235* 9	322		0.30	E	0.15	M	0.30				
3	D-SPL	PL	235* 9	2337		3.30	E	1.65	M	3.30				
170	D-SPL	TCB	M 22* 70			0.86	I	0.15	L	0.71				
J16-J17							E	1.80	H	1.86	I	0.15	L	0.71
							M	7.33						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL2 J17-J18														
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Caluculation of Steel Primer

(Unit: mm, m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	3962		1.86	H	0.93	M	1.86				
1	D-SPL-U	PL	235* 9	3887		1.83	H	0.91	M	1.83				
1	D-SPL	PL	235* 9	1525		0.72	E	0.36	M	0.72				
2	D-SPL	PL	235* 9	2337		2.20	E	1.10	M	2.20				
1	D-SPL	PL	235* 9	1450		0.68	E	0.34	M	0.68				
164	D-SPL	TCB	M 22* 70			0.83	I	0.14	L	0.69				
J17-J18							E	1.80	H	1.84	I	0.14	L	0.69
							M	7.29						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL2 J18-J19														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	2646		1.24	H	0.62	M	1.24				
1	D-SPL-U	PL	235* 9	3571		1.68	H	0.84	M	1.68				
1	D-SPL	PL	235* 9	247		0.12	E	0.06	M	0.12				
2	D-SPL	PL	235* 9	2299		2.16	E	1.08	M	2.16				
1	D-SPL	PL	235* 9	1172		0.55	E	0.28	M	0.55				
124	D-SPL	TCB	M 22* 70			0.63	I	0.11	L	0.52				
J18-J19							E	1.42	H	1.46	I	0.11	L	0.52
							M	5.75						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL2 J19-J20														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	2887		1.36	H	0.68	M	1.36				
1	D-SPL-U	PL	235* 9	2675		1.26	H	0.63	M	1.26				
1	D-SPL	PL	235* 9	488		0.23	E	0.11	M	0.23				
1	D-SPL	PL	235* 9	2299		1.08	E	0.54	M	1.08				
1	D-SPL	PL	235* 9	2162		1.02	E	0.51	M	1.02				
1	D-SPL	PL	235* 9	413		0.19	E	0.10	M	0.19				
112	D-SPL	TCB	M 22* 70			0.57	I	0.10	L	0.47				
J19-J20							E	1.26	H	1.31	I	0.10	L	0.47
							M	5.14						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL2 J20-J21														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	3370		1.58	H	0.79	M	1.58				
1	D-SPL-U	PL	235* 9	2571		1.21	H	0.60	M	1.21				

Caluculation of Steel Primer

(Unit: mm, m²)

1	D-SPL	PL	235* 9	1108		0.52	E	0.26	M	0.52				
2	D-SPL	PL	235* 9	2162		2.03	E	1.02	M	2.03				
1	D-SPL	PL	235* 9	309		0.15	E	0.07	M	0.15				
128	D-SPL	TCB	M 22* 70			0.65	I	0.11	L	0.54				
J20-J21							E	1.35	H	1.39	I	0.11	L	0.54
							M	5.49						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL2 J21-J22														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	D-SPL-U	PL	235* 9	3874		1.82	H	0.91	M	1.82				
1	D-SPL-U	PL	235* 9	2696		1.27	H	0.63	M	1.27				
1	D-SPL	PL	235* 9	1488		0.70	E	0.35	M	0.70				
2	D-SPL	PL	235* 9	2287		2.15	E	1.07	M	2.15				
1	D-SPL	PL	235* 9	309		0.15	E	0.07	M	0.15				
132	D-SPL	TCB	M 22* 70			0.67	I	0.11	L	0.55				
J21-J22							E	1.49	H	1.54	I	0.11	L	0.55
							M	6.09						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL2 J22-J23														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
2	D-SPL-U	PL	235* 9	3874		3.64	H	1.82	M	3.64				
2	D-SPL	PL	235* 9	1488		1.40	E	0.70	M	1.40				
2	D-SPL	PL	235* 9	2287		2.15	E	1.07	M	2.15				
152	D-SPL	TCB	M 22* 70			0.77	I	0.13	L	0.64				
J22-J23							E	1.77	H	1.82	I	0.13	L	0.64
							M	7.19						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL2 J23-J24														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	D-SPL-U	PL	235* 9	2696		1.27	H	0.63	M	1.27				
1	D-SPL-U	PL	235* 9	4704		2.21	H	1.11	M	2.21				
1	D-SPL-U	PL	235* 9	339		0.16	H	0.08	M	0.16				
2	D-SPL	PL	235* 9	309		0.29	E	0.15	M	0.29				
3	D-SPL	PL	235* 9	2287		3.22	E	1.61	M	3.22				
158	D-SPL	TCB	M 22* 70			0.80	I	0.14	L	0.66				
J23-J24							E	1.76	H	1.82	I	0.14	L	0.66
							M	7.15						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL2 J24-J25														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	3874		1.82	H	0.91	M	1.82				
1	D-SPL-U	PL	235* 9	3179		1.49	H	0.75	M	1.49				
1	D-SPL	PL	235* 9	1488		0.70	E	0.35	M	0.70				
2	D-SPL	PL	235* 9	2287		2.15	E	1.07	M	2.15				
1	D-SPL	PL	235* 9	1333		0.63	E	0.31	M	0.63				
152	D-SPL	TCB	M 22* 70			0.77	I	0.13	L	0.64				
J24-J25							E	1.73	H	1.66	I	0.13	L	0.64
							M	6.79						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL2 J25-J26														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	2701		1.27	H	0.63	M	1.27				
1	D-SPL-U	PL	235* 9	4716		2.22	H	1.11	M	2.22				
1	D-SPL-U	PL	235* 9	384		0.18	H	0.09	M	0.18				
1	D-SPL	PL	235* 9	314		0.15	E	0.07	M	0.15				
1	D-SPL	PL	235* 9	2287		1.07	E	0.54	M	1.07				
1	D-SPL	PL	235* 9	2337		1.10	E	0.55	M	1.10				
1	D-SPL	PL	235* 9	2249		1.06	E	0.53	M	1.06				
1	D-SPL	PL	235* 9	354		0.17	E	0.08	M	0.17				
162	D-SPL	TCB	M 22* 70			0.82	I	0.14	L	0.68				
J25-J26							E	1.77	H	1.83	I	0.14	L	0.68
							M	7.22						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL2 J26-J27														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	3605		1.69	H	0.85	M	1.69				
1	D-SPL-U	PL	235* 9	3608		1.70	H	0.85	M	1.70				
1	D-SPL	PL	235* 9	1256		0.59	E	0.30	M	0.59				
1	D-SPL	PL	235* 9	2249		1.06	E	0.53	M	1.06				
1	D-SPL	PL	235* 9	2279		1.07	E	0.54	M	1.07				
1	D-SPL	PL	235* 9	1229		0.58	E	0.29	M	0.58				
144	D-SPL	TCB	M 22* 70			0.73	I	0.12	L	0.60				
J26-J27							E	1.66	H	1.70	I	0.12	L	0.60
							M	6.69						

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL2 J27-J28														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	2796		1.31	H	0.66	M	1.31				
1	D-SPL-U	PL	235* 9	3672		1.73	H	0.86	M	1.73				
1	D-SPL	PL	235* 9	413		0.19	E	0.10	M	0.19				
2	D-SPL	PL	235* 9	2283		2.15	E	1.07	M	2.15				
1	D-SPL	PL	235* 9	1290		0.61	E	0.30	M	0.61				
128	D-SPL	TCB	M 22* 70			0.65	I	0.11	L	0.54				
J27-J28							E	1.47	H	1.52	I	0.11	L	0.54
							M	5.99						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL2 J28-J29														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	2736		1.29	H	0.64	M	1.29				
1	D-SPL-U	PL	235* 9	3713		1.75	H	0.87	M	1.75				
1	D-SPL	PL	235* 9	353		0.17	E	0.08	M	0.17				
2	D-SPL	PL	235* 9	2283		2.15	E	1.07	M	2.15				
1	D-SPL	PL	235* 9	1330		0.63	E	0.31	M	0.63				
132	D-SPL	TCB	M 22* 70			0.67	I	0.11	L	0.55				
J28-J29							E	1.46	H	1.51	I	0.11	L	0.55
							M	5.99						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL2 J29-J30														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	2697		1.27	H	0.63	M	1.27				
1	D-SPL-U	PL	235* 9	4697		2.21	H	1.10	M	2.21				
1	D-SPL-U	PL	235* 9	343		0.16	H	0.08	M	0.16				
2	D-SPL	PL	235* 9	313		0.29	E	0.15	M	0.29				
2	D-SPL	PL	235* 9	2283		2.15	E	1.07	M	2.15				
1	D-SPL	PL	235* 9	2284		1.07	E	0.54	M	1.07				
158	D-SPL	TCB	M 22* 70			0.80	I	0.14	L	0.66				
J29-J30							E	1.76	H	1.81	I	0.14	L	0.66
							M	7.15						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL2 J30-J31													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	235* 9	3714		1.75	H	0.87	M	1.75			

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(Unit: mm, m²)

1	D-SPL-U	PL	235* 9	3870	1.82	H	0.91	M	1.82				
1	D-SPL	PL	235* 9	1330	0.63	E	0.31	M	0.63				
2	D-SPL	PL	235* 9	2284	2.15	E	1.07	M	2.15				
1	D-SPL	PL	235* 9	1486	0.70	E	0.35	M	0.70				
152	D-SPL	TCB	M 22* 70		0.77	I	0.13	L	0.64				
J30-J31						E	1.73	H	1.78	I	0.13	L	0.64
						M	7.05						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL2 J31-J32													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	235* 9	2709	1.27	H	0.64	M	1.27				
1	D-SPL-U	PL	235* 9	4738	2.23	H	1.11	M	2.23				
1	D-SPL-U	PL	235* 9	344	0.16	H	0.08	M	0.16				
1	D-SPL	PL	235* 9	309	0.15	E	0.07	M	0.15				
1	D-SPL	PL	235* 9	2301	1.08	E	0.54	M	1.08				
1	D-SPL	PL	235* 9	2317	1.09	E	0.54	M	1.09				
1	D-SPL	PL	235* 9	2291	1.08	E	0.54	M	1.08				
1	D-SPL	PL	235* 9	314	0.15	E	0.07	M	0.15				
158	D-SPL	TCB	M 22* 70		0.80	I	0.14	L	0.66				
J31-J32						E	1.76	H	1.83	I	0.14	L	0.66
						M	7.21						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL2 J32-GE2													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	E-SPL	PL	165* 9	185	0.12	F	0.06	M	0.12				
4	E-SPL	TCB	M 22* 65		0.02	J	0.02						
1	D-SPL-U	PL	235* 9	3886	1.83	H	0.91	M	1.83				
1	D-SPL-U	PL	235* 9	2315	1.09	H	0.54	M	1.09				
1	D-SPL-U	PL	215* 9	925	0.40	H	0.20	M	0.40				
1	D-SPL	PL	235* 9	1531	0.72	F	0.36	M	0.72				
2	D-SPL	PL	235* 9	2255	2.12	F	1.06	M	2.12				
1	D-SPL	PL	215* 9	895	0.38	F	0.19	M	0.38				
150	D-SPL	TCB	M 22* 70		0.76	J	0.13	L	0.63				
J32-GE2						F	1.67	H	1.65	J	0.15	L	0.63
						M	6.66						
JL2						E	51.23	F	3.53	H	56.17	I	3.94
						J	0.31	L	20.55	M	221.98		

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL3 GE1-J1														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
2	E-SPL	PL	165* 9	185		0.12	F	0.06	M	0.12				
4	E-SPL	TCB	M 22* 65			0.02	J	0.02						
1	D-SPL-U	PL	215* 9	1025		0.44	H	0.22	M	0.44				
1	D-SPL-U	PL	235* 9	4353		2.05	H	1.02	M	2.05				
1	D-SPL-U	PL	235* 9	2263		1.06	H	0.53	M	1.06				
1	D-SPL	PL	215* 9	995		0.43	F	0.21	M	0.43				
1	D-SPL	PL	235* 9	1462		0.69	F	0.34	M	0.69				
2	D-SPL	PL	235* 9	2260		2.12	F	1.06	M	2.12				
1	D-SPL	PL	235* 9	303		0.14	F	0.07	M	0.14				
168	D-SPL	TCB	M 22* 70			0.85	J	0.14	L	0.71				
GE1-J1							F	1.74	H	1.77	J	0.16	L	0.71
							M	7.05						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL3 J1-J2														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	3878		1.82	H	0.91	M	1.82				
1	D-SPL-U	PL	235* 9	3916		1.84	H	0.92	M	1.84				
1	D-SPL	PL	235* 9	1468		0.69	E	0.34	M	0.69				
2	D-SPL	PL	235* 9	2310		2.17	E	1.09	M	2.17				
1	D-SPL	PL	235* 9	1505		0.71	E	0.35	M	0.71				
156	D-SPL	TCB	M 22* 70			0.79	I	0.13	L	0.66				
J1-J2							E	1.78	H	1.83	I	0.13	L	0.66
							M	7.23						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL3 J2-J3														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	2726		1.28	H	0.64	M	1.28				
1	D-SPL-U	PL	235* 9	4751		2.23	H	1.12	M	2.23				
1	D-SPL-U	PL	235* 9	345		0.16	H	0.08	M	0.16				
2	D-SPL	PL	235* 9	315		0.30	E	0.15	M	0.30				
3	D-SPL	PL	235* 9	2310		3.26	E	1.63	M	3.26				
158	D-SPL	TCB	M 22* 70			0.80	I	0.14	L	0.66				
J2-J3							E	1.78	H	1.84	I	0.14	L	0.66
							M	7.23						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL3 J3-J4												
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Caluculation of Steel Primer

(Unit: mm, m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	3916		1.84	H	0.92	M	1.84				
1	D-SPL-U	PL	235* 9	3866		1.82	H	0.91	M	1.82				
1	D-SPL	PL	235* 9	1505		0.71	E	0.35	M	0.71				
2	D-SPL	PL	235* 9	2310		2.17	E	1.09	M	2.17				
1	D-SPL	PL	235* 9	1455		0.68	E	0.34	M	0.68				
152	D-SPL	TCB	M 22* 70			0.77	I	0.13	L	0.64				
J3-J4							E	1.78	H	1.83	I	0.13	L	0.64
							M	7.22						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL3 J4-J5														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	2776		1.30	H	0.65	M	1.30				
1	D-SPL-U	PL	235* 9	4751		2.23	H	1.12	M	2.23				
1	D-SPL-U	PL	235* 9	345		0.16	H	0.08	M	0.16				
1	D-SPL	PL	235* 9	365		0.17	E	0.09	M	0.17				
3	D-SPL	PL	235* 9	2310		3.26	E	1.63	M	3.26				
1	D-SPL	PL	235* 9	315		0.15	E	0.07	M	0.15				
158	D-SPL	TCB	M 22* 70			0.80	I	0.14	L	0.66				
J4-J5							E	1.79	H	1.85	I	0.14	L	0.66
							M	7.27						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL3 J5-J6														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
2	D-SPL-U	PL	235* 9	3916		3.68	H	1.84	M	3.68				
2	D-SPL	PL	235* 9	1505		1.41	E	0.71	M	1.41				
2	D-SPL	PL	235* 9	2310		2.17	E	1.09	M	2.17				
152	D-SPL	TCB	M 22* 70			0.77	I	0.13	L	0.64				
J5-J6							E	1.80	H	1.84	I	0.13	L	0.64
							M	7.26						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL3 J6-J7														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	2726		1.28	H	0.64	M	1.28				
1	D-SPL-U	PL	235* 9	4751		2.23	H	1.12	M	2.23				
1	D-SPL-U	PL	235* 9	345		0.16	H	0.08	M	0.16				
2	D-SPL	PL	235* 9	315		0.30	E	0.15	M	0.30				

Caluculation of Steel Primer

(Unit: mm, m²)

3	D-SPL	PL	235* 9	2310		3.26	E	1.63	M	3.26					
158	D-SPL	TCB	M 22* 70			0.80	I	0.14	L	0.66					
J6-J7								E	1.78	H	1.84	I	0.14	L	0.66
								M	7.23						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL3 J7-J8															
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks	
2	D-SPL-U	PL	235* 9	3916		3.68	H	1.84	M	3.68					
2	D-SPL	PL	235* 9	1505		1.41	E	0.71	M	1.41					
2	D-SPL	PL	235* 9	2310		2.17	E	1.09	M	2.17					
152	D-SPL	TCB	M 22* 70			0.77	I	0.13	L	0.64					
J7-J8								E	1.80	H	1.84	I	0.13	L	0.64
								M	7.26						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL3 J8-J9															
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks	
1	D-SPL-U	PL	235* 9	2675		1.26	H	0.63	M	1.26					
1	D-SPL-U	PL	235* 9	3828		1.80	H	0.90	M	1.80					
1	D-SPL	PL	235* 9	315		0.15	E	0.07	M	0.15					
2	D-SPL	PL	235* 9	2260		2.12	E	1.06	M	2.12					
1	D-SPL	PL	235* 9	1468		0.69	E	0.34	M	0.69					
132	D-SPL	TCB	M 22* 70			0.67	I	0.11	L	0.55					
J8-J9								E	1.47	H	1.53	I	0.11	L	0.55
								M	6.02						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL3 J9-J10															
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks	
1	D-SPL-U	PL	235* 9	2663		1.25	H	0.63	M	1.25					
1	D-SPL-U	PL	235* 9	2710		1.27	H	0.64	M	1.27					
1	D-SPL	PL	235* 9	303		0.14	E	0.07	M	0.14					
1	D-SPL	PL	235* 9	2260		1.06	E	0.53	M	1.06					
1	D-SPL	PL	235* 9	2298		1.08	E	0.54	M	1.08					
1	D-SPL	PL	235* 9	312		0.15	E	0.07	M	0.15					
112	D-SPL	TCB	M 22* 70			0.57	I	0.10	L	0.47					
J9-J10								E	1.21	H	1.27	I	0.10	L	0.47
								M	4.95						

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL3 J10-J11														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	3894		1.83	H	0.92	M	1.83				
1	D-SPL-U	PL	235* 9	2719		1.28	H	0.64	M	1.28				
1	D-SPL	PL	235* 9	1496		0.70	E	0.35	M	0.70				
2	D-SPL	PL	235* 9	2298		2.16	E	1.08	M	2.16				
1	D-SPL	PL	235* 9	321		0.15	E	0.08	M	0.15				
132	D-SPL	TCB	M 22* 70			0.67	I	0.11	L	0.55				
J10-J11							E	1.51	H	1.56	I	0.11	L	0.55
							M	6.12						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL3 J11-J12														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
2	D-SPL-U	PL	235* 9	3960		3.72	H	1.86	M	3.72				
2	D-SPL	PL	235* 9	1524		1.43	E	0.72	M	1.43				
2	D-SPL	PL	235* 9	2335		2.19	E	1.10	M	2.19				
168	D-SPL	TCB	M 22* 70			0.85	I	0.14	L	0.71				
J11-J12							E	1.82	H	1.86	I	0.14	L	0.71
							M	7.34						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL3 J12-J13														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	2757		1.30	H	0.65	M	1.30				
1	D-SPL-U	PL	235* 9	4801		2.26	H	1.13	M	2.26				
1	D-SPL-U	PL	235* 9	351		0.16	H	0.08	M	0.16				
2	D-SPL	PL	235* 9	321		0.30	E	0.15	M	0.30				
3	D-SPL	PL	235* 9	2335		3.29	E	1.65	M	3.29				
170	D-SPL	TCB	M 22* 70			0.86	I	0.15	L	0.71				
J12-J13							E	1.80	H	1.86	I	0.15	L	0.71
							M	7.31						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL3 J13-J14													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	235* 9	3960		1.86	H	0.93	M	1.86			
1	D-SPL-U	PL	235* 9	2757		1.30	H	0.65	M	1.30			
1	D-SPL	PL	235* 9	1524		0.72	E	0.36	M	0.72			
2	D-SPL	PL	235* 9	2335		2.19	E	1.10	M	2.19			

Caluculation of Steel Primer

(Unit: mm, m²)

1	D-SPL	PL	235* 9	321		0.15	E	0.08	M	0.15				
144	D-SPL	TCB	M 22* 70			0.73	I	0.12	L	0.60				
J13-J14							E	1.54	H	1.58	I	0.12	L	0.60
							M	6.22						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL3 J14-J15														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
2	D-SPL-U	PL	235* 9	3960		3.72	H	1.86	M	3.72				
2	D-SPL	PL	235* 9	1524		1.43	E	0.72	M	1.43				
2	D-SPL	PL	235* 9	2335		2.19	E	1.10	M	2.19				
168	D-SPL	TCB	M 22* 70			0.85	I	0.14	L	0.71				
J14-J15							E	1.82	H	1.86	I	0.14	L	0.71
							M	7.34						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL3 J15-J16														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	D-SPL-U	PL	235* 9	2757		1.30	H	0.65	M	1.30				
1	D-SPL-U	PL	235* 9	3960		1.86	H	0.93	M	1.86				
1	D-SPL	PL	235* 9	321		0.15	E	0.08	M	0.15				
2	D-SPL	PL	235* 9	2335		2.19	E	1.10	M	2.19				
1	D-SPL	PL	235* 9	1524		0.72	E	0.36	M	0.72				
144	D-SPL	TCB	M 22* 70			0.73	I	0.12	L	0.60				
J15-J16							E	1.54	H	1.58	I	0.12	L	0.60
							M	6.22						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL3 J16-J17														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	D-SPL-U	PL	235* 9	2757		1.30	H	0.65	M	1.30				
1	D-SPL-U	PL	235* 9	4801		2.26	H	1.13	M	2.26				
1	D-SPL-U	PL	235* 9	351		0.16	H	0.08	M	0.16				
2	D-SPL	PL	235* 9	321		0.30	E	0.15	M	0.30				
3	D-SPL	PL	235* 9	2335		3.29	E	1.65	M	3.29				
170	D-SPL	TCB	M 22* 70			0.86	I	0.15	L	0.71				
J16-J17							E	1.80	H	1.86	I	0.15	L	0.71
							M	7.31						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL3 J17-J18														
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Caluculation of Steel Primer

(Unit: mm, m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	3960		1.86	H	0.93	M	1.86				
1	D-SPL-U	PL	235* 9	3885		1.83	H	0.91	M	1.83				
1	D-SPL	PL	235* 9	1524		0.72	E	0.36	M	0.72				
2	D-SPL	PL	235* 9	2335		2.19	E	1.10	M	2.19				
1	D-SPL	PL	235* 9	1449		0.68	E	0.34	M	0.68				
164	D-SPL	TCB	M 22* 70			0.83	I	0.14	L	0.69				
J17-J18							E	1.80	H	1.84	I	0.14	L	0.69
							M	7.28						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL3 J18-J19														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	2644		1.24	H	0.62	M	1.24				
1	D-SPL-U	PL	235* 9	3569		1.68	H	0.84	M	1.68				
1	D-SPL	PL	235* 9	246		0.12	E	0.06	M	0.12				
2	D-SPL	PL	235* 9	2298		2.16	E	1.08	M	2.16				
1	D-SPL	PL	235* 9	1171		0.55	E	0.28	M	0.55				
144	D-SPL	TCB	M 22* 70			0.73	I	0.12	L	0.60				
J18-J19							E	1.42	H	1.46	I	0.12	L	0.60
							M	5.75						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL3 J19-J20														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	2885		1.36	H	0.68	M	1.36				
1	D-SPL-U	PL	235* 9	2673		1.26	H	0.63	M	1.26				
1	D-SPL	PL	235* 9	487		0.23	E	0.11	M	0.23				
1	D-SPL	PL	235* 9	2298		1.08	E	0.54	M	1.08				
1	D-SPL	PL	235* 9	2160		1.02	E	0.51	M	1.02				
1	D-SPL	PL	235* 9	413		0.19	E	0.10	M	0.19				
112	D-SPL	TCB	M 22* 70			0.57	I	0.10	L	0.47				
J19-J20							E	1.26	H	1.31	I	0.10	L	0.47
							M	5.14						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL3 J20-J21														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	3367		1.58	H	0.79	M	1.58				
1	D-SPL-U	PL	235* 9	2569		1.21	H	0.60	M	1.21				

Caluculation of Steel Primer

(Unit: mm, m²)

1	D-SPL	PL	235* 9	1107		0.52	E	0.26	M	0.52				
2	D-SPL	PL	235* 9	2160		2.03	E	1.02	M	2.03				
1	D-SPL	PL	235* 9	309		0.15	E	0.07	M	0.15				
128	D-SPL	TCB	M 22* 70			0.65	I	0.11	L	0.54				
J20-J21							E	1.35	H	1.39	I	0.11	L	0.54
							M	5.49						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL3 J21-J22														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	D-SPL-U	PL	235* 9	3872		1.82	H	0.91	M	1.82				
1	D-SPL-U	PL	235* 9	2694		1.27	H	0.63	M	1.27				
1	D-SPL	PL	235* 9	1487		0.70	E	0.35	M	0.70				
2	D-SPL	PL	235* 9	2285		2.15	E	1.07	M	2.15				
1	D-SPL	PL	235* 9	309		0.15	E	0.07	M	0.15				
132	D-SPL	TCB	M 22* 70			0.67	I	0.11	L	0.55				
J21-J22							E	1.49	H	1.54	I	0.11	L	0.55
							M	6.09						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL3 J22-J23														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
2	D-SPL-U	PL	235* 9	3872		3.64	H	1.82	M	3.64				
2	D-SPL	PL	235* 9	1487		1.40	E	0.70	M	1.40				
2	D-SPL	PL	235* 9	2285		2.15	E	1.07	M	2.15				
152	D-SPL	TCB	M 22* 70			0.77	I	0.13	L	0.64				
J22-J23							E	1.77	H	1.82	I	0.13	L	0.64
							M	7.19						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL3 J23-J24														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	D-SPL-U	PL	235* 9	2694		1.27	H	0.63	M	1.27				
1	D-SPL-U	PL	235* 9	4701		2.21	H	1.10	M	2.21				
1	D-SPL-U	PL	235* 9	339		0.16	H	0.08	M	0.16				
2	D-SPL	PL	235* 9	309		0.29	E	0.15	M	0.29				
3	D-SPL	PL	235* 9	2285		3.22	E	1.61	M	3.22				
158	D-SPL	TCB	M 22* 70			0.80	I	0.14	L	0.66				
J23-J24							E	1.76	H	1.81	I	0.14	L	0.66
							M	7.15						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL3 J24-J25														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	3872		1.82	H	0.91	M	1.82				
1	D-SPL-U	PL	235* 9	3717		1.75	H	0.87	M	1.75				
1	D-SPL	PL	235* 9	1487		0.70	E	0.35	M	0.70				
2	D-SPL	PL	235* 9	2285		2.15	E	1.07	M	2.15				
1	D-SPL	PL	235* 9	1331		0.63	E	0.31	M	0.63				
152	D-SPL	TCB	M 22* 70			0.77	I	0.13	L	0.64				
J24-J25							E	1.73	H	1.78	I	0.13	L	0.64
							M	7.05						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL3 J25-J26														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	2699		1.27	H	0.63	M	1.27				
1	D-SPL-U	PL	235* 9	4709		2.21	H	1.11	M	2.21				
1	D-SPL-U	PL	235* 9	387		0.18	H	0.09	M	0.18				
1	D-SPL	PL	235* 9	314		0.15	E	0.07	M	0.15				
1	D-SPL	PL	235* 9	2285		1.07	E	0.54	M	1.07				
1	D-SPL	PL	235* 9	2320		1.09	E	0.55	M	1.09				
1	D-SPL	PL	235* 9	2259		1.06	E	0.53	M	1.06				
1	D-SPL	PL	235* 9	357		0.17	E	0.08	M	0.17				
158	D-SPL	TCB	M 22* 70			0.80	I	0.14	L	0.66				
J25-J26							E	1.77	H	1.83	I	0.14	L	0.66
							M	7.20						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL3 J26-J27														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	3622		1.70	H	0.85	M	1.70				
1	D-SPL-U	PL	235* 9	3609		1.70	H	0.85	M	1.70				
1	D-SPL	PL	235* 9	1263		0.59	E	0.30	M	0.59				
1	D-SPL	PL	235* 9	2259		1.06	E	0.53	M	1.06				
1	D-SPL	PL	235* 9	2280		1.07	E	0.54	M	1.07				
1	D-SPL	PL	235* 9	1229		0.58	E	0.29	M	0.58				
144	D-SPL	TCB	M 22* 70			0.73	I	0.12	L	0.60				
J26-J27							E	1.66	H	1.70	I	0.12	L	0.60
							M	6.70						

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL3 J27-J28														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	2796		1.31	H	0.66	M	1.31				
1	D-SPL-U	PL	235* 9	3672		1.73	H	0.86	M	1.73				
1	D-SPL	PL	235* 9	413		0.19	E	0.10	M	0.19				
2	D-SPL	PL	235* 9	2283		2.15	E	1.07	M	2.15				
1	D-SPL	PL	235* 9	1290		0.61	E	0.30	M	0.61				
128	D-SPL	TCB	M 22* 70			0.65	I	0.11	L	0.54				
J27-J28							E	1.47	H	1.52	I	0.11	L	0.54
							M	5.99						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL3 J28-J29														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	2736		1.29	H	0.64	M	1.29				
1	D-SPL-U	PL	235* 9	3713		1.75	H	0.87	M	1.75				
1	D-SPL	PL	235* 9	353		0.17	E	0.08	M	0.17				
2	D-SPL	PL	235* 9	2283		2.15	E	1.07	M	2.15				
1	D-SPL	PL	235* 9	1330		0.63	E	0.31	M	0.63				
132	D-SPL	TCB	M 22* 70			0.67	I	0.11	L	0.55				
J28-J29							E	1.46	H	1.51	I	0.11	L	0.55
							M	5.99						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL3 J29-J30														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	2697		1.27	H	0.63	M	1.27				
1	D-SPL-U	PL	235* 9	4697		2.21	H	1.10	M	2.21				
1	D-SPL-U	PL	235* 9	343		0.16	H	0.08	M	0.16				
2	D-SPL	PL	235* 9	313		0.29	E	0.15	M	0.29				
2	D-SPL	PL	235* 9	2283		2.15	E	1.07	M	2.15				
1	D-SPL	PL	235* 9	2284		1.07	E	0.54	M	1.07				
158	D-SPL	TCB	M 22* 70			0.80	I	0.14	L	0.66				
J29-J30							E	1.76	H	1.81	I	0.14	L	0.66
							M	7.15						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL3 J30-J31													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	235* 9	3714		1.75	H	0.87	M	1.75			

Caluculation of Steel Primer

(Unit: mm, m²)

1	D-SPL-U	PL	235* 9	3870		1.82	H	0.91	M	1.82				
1	D-SPL	PL	235* 9	1330		0.63	E	0.31	M	0.63				
2	D-SPL	PL	235* 9	2284		2.15	E	1.07	M	2.15				
1	D-SPL	PL	235* 9	1486		0.70	E	0.35	M	0.70				
152	D-SPL	TCB	M 22* 70			0.77	I	0.13	L	0.64				
J30-J31							E	1.73	H	1.78	I	0.13	L	0.64
							M	7.05						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL3 J31-J32														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	D-SPL-U	PL	235* 9	2704		1.27	H	0.64	M	1.27				
1	D-SPL-U	PL	235* 9	4717		2.22	H	1.11	M	2.22				
1	D-SPL-U	PL	235* 9	341		0.16	H	0.08	M	0.16				
1	D-SPL	PL	235* 9	309		0.15	E	0.07	M	0.15				
1	D-SPL	PL	235* 9	2296		1.08	E	0.54	M	1.08				
1	D-SPL	PL	235* 9	2307		1.08	E	0.54	M	1.08				
1	D-SPL	PL	235* 9	2281		1.07	E	0.54	M	1.07				
1	D-SPL	PL	235* 9	311		0.15	E	0.07	M	0.15				
158	D-SPL	TCB	M 22* 70			0.80	I	0.14	L	0.66				
J31-J32							E	1.76	H	1.83	I	0.14	L	0.66
							M	7.18						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL3 J32-GE2														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
2	E-SPL	PL	165* 9	185		0.12	F	0.06	M	0.12				
4	E-SPL	TCB	M 22* 65			0.02	J	0.02						
1	D-SPL-U	PL	235* 9	3865		1.82	H	0.91	M	1.82				
1	D-SPL-U	PL	235* 9	2015		0.95	H	0.47	M	0.95				
1	D-SPL-U	PL	215* 9	1225		0.53	H	0.26	M	0.53				
1	D-SPL	PL	235* 9	1510		0.71	F	0.35	M	0.71				
2	D-SPL	PL	235* 9	1955		1.84	F	0.92	M	1.84				
1	D-SPL	PL	215* 9	1195		0.51	F	0.26	M	0.51				
150	D-SPL	TCB	M 22* 70			0.76	J	0.13	L	0.63				
J32-GE2							F	1.59	H	1.64	J	0.15	L	0.63
							M	6.48						
JL3							E	51.21	F	3.33	H	56.17	I	3.95
							J	0.31	L	20.61	M	221.46		

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL4 GE1-J1														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
2	E-SPL	PL	165* 9	185		0.12	F	0.06	M	0.12				
4	E-SPL	TCB	M 22* 65			0.02	J	0.02						
1	D-SPL-U	PL	215* 9	1025		0.44	H	0.22	M	0.44				
1	D-SPL-U	PL	235* 9	4344		2.04	H	1.02	M	2.04				
1	D-SPL-U	PL	235* 9	2658		1.25	H	0.62	M	1.25				
1	D-SPL	PL	215* 9	995		0.43	F	0.21	M	0.43				
3	D-SPL	PL	235* 9	1957		2.76	F	1.38	M	2.76				
1	D-SPL	PL	235* 9	302		0.14	F	0.07	M	0.14				
168	D-SPL	TCB	M 22* 70			0.85	J	0.14	L	0.71				
GE1-J1							F	1.72	H	1.86	J	0.16	L	0.71
							M	7.18						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL4 J1-J2														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	3872		1.82	H	0.91	M	1.82				
1	D-SPL-U	PL	235* 9	3909		1.84	H	0.92	M	1.84				
1	D-SPL	PL	235* 9	1465		0.69	E	0.34	M	0.69				
2	D-SPL	PL	235* 9	2307		2.17	E	1.08	M	2.17				
1	D-SPL	PL	235* 9	1503		0.71	E	0.35	M	0.71				
156	D-SPL	TCB	M 22* 70			0.79	I	0.13	L	0.66				
J1-J2							E	1.77	H	1.83	I	0.13	L	0.66
							M	7.23						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL4 J2-J3														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	2721		1.28	H	0.64	M	1.28				
1	D-SPL-U	PL	235* 9	4743		2.23	H	1.11	M	2.23				
1	D-SPL-U	PL	235* 9	344		0.16	H	0.08	M	0.16				
2	D-SPL	PL	235* 9	314		0.30	E	0.15	M	0.30				
3	D-SPL	PL	235* 9	2307		3.25	E	1.63	M	3.25				
158	D-SPL	TCB	M 22* 70			0.80	I	0.14	L	0.66				
J2-J3							E	1.78	H	1.83	I	0.14	L	0.66
							M	7.22						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL4 J3-J4												

Caluculation of Steel Primer

(Unit: mm, m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	3909		1.84	H	0.92	M	1.84				
1	D-SPL-U	PL	235* 9	3859		1.81	H	0.91	M	1.81				
1	D-SPL	PL	235* 9	1503		0.71	E	0.35	M	0.71				
2	D-SPL	PL	235* 9	2307		2.17	E	1.08	M	2.17				
1	D-SPL	PL	235* 9	1453		0.68	E	0.34	M	0.68				
152	D-SPL	TCB	M 22* 70			0.77	I	0.13	L	0.64				
J3-J4							E	1.77	H	1.83	I	0.13	L	0.64
							M	7.21						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL4 J4-J5														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	2771		1.30	H	0.65	M	1.30				
1	D-SPL-U	PL	235* 9	4743		2.23	H	1.11	M	2.23				
1	D-SPL-U	PL	235* 9	344		0.16	H	0.08	M	0.16				
1	D-SPL	PL	235* 9	364		0.17	E	0.09	M	0.17				
3	D-SPL	PL	235* 9	2307		3.25	E	1.63	M	3.25				
1	D-SPL	PL	235* 9	314		0.15	E	0.07	M	0.15				
158	D-SPL	TCB	M 22* 70			0.80	I	0.14	L	0.66				
J4-J5							E	1.79	H	1.84	I	0.14	L	0.66
							M	7.26						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL4 J5-J6														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
2	D-SPL-U	PL	235* 9	3909		3.67	H	1.84	M	3.67				
2	D-SPL	PL	235* 9	1503		1.41	E	0.71	M	1.41				
2	D-SPL	PL	235* 9	2307		2.17	E	1.08	M	2.17				
152	D-SPL	TCB	M 22* 70			0.77	I	0.13	L	0.64				
J5-J6							E	1.79	H	1.84	I	0.13	L	0.64
							M	7.25						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL4 J6-J7														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	2721		1.28	H	0.64	M	1.28				
1	D-SPL-U	PL	235* 9	4743		2.23	H	1.11	M	2.23				
1	D-SPL-U	PL	235* 9	344		0.16	H	0.08	M	0.16				
2	D-SPL	PL	235* 9	314		0.30	E	0.15	M	0.30				
3	D-SPL	PL	235* 9	2307		3.25	E	1.63	M	3.25				

Caluculation of Steel Primer

(Unit: mm,m²)

158	D-SPL	TCB	M 22* 70			0.80	I	0.14	L	0.66				
J6-J7							E	1.78	H	1.83	I	0.14	L	0.66
							M	7.22						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL4 J7-J8														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
2	D-SPL-U	PL	235* 9	3909		3.67	H	1.84	M	3.67				
2	D-SPL	PL	235* 9	1503		1.41	E	0.71	M	1.41				
2	D-SPL	PL	235* 9	2307		2.17	E	1.08	M	2.17				
152	D-SPL	TCB	M 22* 70			0.77	I	0.13	L	0.64				
J7-J8							E	1.79	H	1.84	I	0.13	L	0.64
							M	7.25						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL4 J8-J9														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	2671		1.26	H	0.63	M	1.26				
1	D-SPL-U	PL	235* 9	3822		1.80	H	0.90	M	1.80				
1	D-SPL	PL	235* 9	314		0.15	E	0.07	M	0.15				
2	D-SPL	PL	235* 9	2257		2.12	E	1.06	M	2.12				
1	D-SPL	PL	235* 9	1465		0.69	E	0.34	M	0.69				
132	D-SPL	TCB	M 22* 70			0.67	I	0.11	L	0.55				
J8-J9							E	1.47	H	1.53	I	0.11	L	0.55
							M	6.02						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL4 J9-J10														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	2658		1.25	H	0.62	M	1.25				
1	D-SPL-U	PL	235* 9	2705		1.27	H	0.64	M	1.27				
1	D-SPL	PL	235* 9	302		0.14	E	0.07	M	0.14				
1	D-SPL	PL	235* 9	2257		1.06	E	0.53	M	1.06				
1	D-SPL	PL	235* 9	2294		1.08	E	0.54	M	1.08				
1	D-SPL	PL	235* 9	311		0.15	E	0.07	M	0.15				
112	D-SPL	TCB	M 22* 70			0.57	I	0.10	L	0.47				
J9-J10							E	1.21	H	1.26	I	0.10	L	0.47
							M	4.95						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL4 J10-J11														
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Caluculation of Steel Primer

(Unit: mm, m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	3887		1.83	H	0.91	M	1.83				
1	D-SPL-U	PL	235* 9	2715		1.28	H	0.64	M	1.28				
1	D-SPL	PL	235* 9	1493		0.70	E	0.35	M	0.70				
2	D-SPL	PL	235* 9	2294		2.16	E	1.08	M	2.16				
1	D-SPL	PL	235* 9	320		0.15	E	0.08	M	0.15				
132	D-SPL	TCB	M 22* 70			0.67	I	0.11	L	0.55				
J10-J11							E	1.51	H	1.55	I	0.11	L	0.55
							M	6.12						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL4 J11-J12														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
2	D-SPL-U	PL	235* 9	3953		3.72	H	1.86	M	3.72				
2	D-SPL	PL	235* 9	1521		1.43	E	0.71	M	1.43				
2	D-SPL	PL	235* 9	2332		2.19	E	1.10	M	2.19				
168	D-SPL	TCB	M 22* 70			0.85	I	0.14	L	0.71				
J11-J12							E	1.81	H	1.86	I	0.14	L	0.71
							M	7.34						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL4 J12-J13														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	2752		1.29	H	0.65	M	1.29				
1	D-SPL-U	PL	235* 9	4794		2.25	H	1.13	M	2.25				
1	D-SPL-U	PL	235* 9	350		0.16	H	0.08	M	0.16				
2	D-SPL	PL	235* 9	320		0.30	E	0.15	M	0.30				
3	D-SPL	PL	235* 9	2332		3.29	E	1.64	M	3.29				
170	D-SPL	TCB	M 22* 70			0.86	I	0.15	L	0.71				
J12-J13							E	1.79	H	1.86	I	0.15	L	0.71
							M	7.29						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL4 J13-J14														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	3953		1.86	H	0.93	M	1.86				
1	D-SPL-U	PL	235* 9	2752		1.29	H	0.65	M	1.29				
1	D-SPL	PL	235* 9	1521		0.71	E	0.36	M	0.71				
2	D-SPL	PL	235* 9	2332		2.19	E	1.10	M	2.19				
1	D-SPL	PL	235* 9	320		0.15	E	0.08	M	0.15				

Caluculation of Steel Primer

(Unit: mm, m²)

144	D-SPL	TCB	M 22* 70			0.73	I	0.12	L	0.60				
J13-J14							E	1.54	H	1.58	I	0.12	L	0.60
							M	6.20						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL4 J14-J15														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
2	D-SPL-U	PL	235* 9	3953		3.72	H	1.86	M	3.72				
2	D-SPL	PL	235* 9	1521		1.43	E	0.71	M	1.43				
2	D-SPL	PL	235* 9	2332		2.19	E	1.10	M	2.19				
168	D-SPL	TCB	M 22* 70			0.85	I	0.14	L	0.71				
J14-J15							E	1.81	H	1.86	I	0.14	L	0.71
							M	7.34						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL4 J15-J16														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	2752		1.29	H	0.65	M	1.29				
1	D-SPL-U	PL	235* 9	3953		1.86	H	0.93	M	1.86				
1	D-SPL	PL	235* 9	320		0.15	E	0.08	M	0.15				
2	D-SPL	PL	235* 9	2332		2.19	E	1.10	M	2.19				
1	D-SPL	PL	235* 9	1251		0.59	E	0.29	M	0.59				
144	D-SPL	TCB	M 22* 70			0.73	I	0.12	L	0.60				
J15-J16							E	1.47	H	1.58	I	0.12	L	0.60
							M	6.08						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL4 J16-J17														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	2752		1.29	H	0.65	M	1.29				
1	D-SPL-U	PL	235* 9	4794		2.25	H	1.13	M	2.25				
1	D-SPL-U	PL	235* 9	350		0.16	H	0.08	M	0.16				
2	D-SPL	PL	235* 9	320		0.30	E	0.15	M	0.30				
3	D-SPL	PL	235* 9	2332		3.29	E	1.64	M	3.29				
170	D-SPL	TCB	M 22* 70			0.86	I	0.15	L	0.71				
J16-J17							E	1.79	H	1.86	I	0.15	L	0.71
							M	7.29						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL4 J17-J18													

Caluculation of Steel Primer

(Unit: mm, m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	3953		1.86	H	0.93	M	1.86				
1	D-SPL-U	PL	235* 9	3878		1.82	H	0.91	M	1.82				
1	D-SPL	PL	235* 9	1521		0.71	E	0.36	M	0.71				
2	D-SPL	PL	235* 9	2332		2.19	E	1.10	M	2.19				
1	D-SPL	PL	235* 9	1446		0.68	E	0.34	M	0.68				
164	D-SPL	TCB	M 22* 70			0.83	I	0.14	L	0.69				
J17-J18							E	1.80	H	1.84	I	0.14	L	0.69
							M	7.26						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL4 J18-J19														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	2640		1.24	H	0.62	M	1.24				
1	D-SPL-U	PL	235* 9	3563		1.67	H	0.84	M	1.67				
1	D-SPL	PL	235* 9	245		0.12	E	0.06	M	0.12				
2	D-SPL	PL	235* 9	2294		2.16	E	1.08	M	2.16				
1	D-SPL	PL	235* 9	1168		0.55	E	0.27	M	0.55				
124	D-SPL	TCB	M 22* 70			0.63	I	0.11	L	0.52				
J18-J19							E	1.41	H	1.46	I	0.11	L	0.52
							M	5.74						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL4 J19-J20														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	2880		1.35	H	0.68	M	1.35				
1	D-SPL-U	PL	235* 9	2668		1.25	H	0.63	M	1.25				
1	D-SPL	PL	235* 9	486		0.23	E	0.11	M	0.23				
1	D-SPL	PL	235* 9	2294		1.08	E	0.54	M	1.08				
1	D-SPL	PL	235* 9	2157		1.01	E	0.51	M	1.01				
1	D-SPL	PL	235* 9	412		0.19	E	0.10	M	0.19				
112	D-SPL	TCB	M 22* 70			0.57	I	0.10	L	0.47				
J19-J20							E	1.26	H	1.31	I	0.10	L	0.47
							M	5.11						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL4 J20-J21														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	3362		1.58	H	0.79	M	1.58				
1	D-SPL-U	PL	235* 9	2565		1.21	H	0.60	M	1.21				
1	D-SPL	PL	235* 9	1105		0.52	E	0.26	M	0.52				

Caluculation of Steel Primer

(Unit: mm, m²)

2	D-SPL	PL	235* 9	2157		2.03	E	1.01	M	2.03				
1	D-SPL	PL	235* 9	308		0.14	E	0.07	M	0.14				
128	D-SPL	TCB	M 22* 70			0.65	I	0.11	L	0.54				
J20-J21							E	1.34	H	1.39	I	0.11	L	0.54
							M	5.48						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL4 J21-J22														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	D-SPL-U	PL	235* 9	3866		1.82	H	0.91	M	1.82				
1	D-SPL-U	PL	235* 9	2690		1.26	H	0.63	M	1.26				
1	D-SPL	PL	235* 9	1484		0.70	E	0.35	M	0.70				
2	D-SPL	PL	235* 9	2282		2.15	E	1.07	M	2.15				
1	D-SPL	PL	235* 9	308		0.14	E	0.07	M	0.14				
132	D-SPL	TCB	M 22* 70			0.67	I	0.11	L	0.55				
J21-J22							E	1.49	H	1.54	I	0.11	L	0.55
							M	6.07						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL4 J22-J23														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
2	D-SPL-U	PL	235* 9	3866		3.63	H	1.82	M	3.63				
2	D-SPL	PL	235* 9	1484		1.39	E	0.70	M	1.39				
2	D-SPL	PL	235* 9	2282		2.15	E	1.07	M	2.15				
152	D-SPL	TCB	M 22* 70			0.77	I	0.13	L	0.64				
J22-J23							E	1.77	H	1.82	I	0.13	L	0.64
							M	7.17						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL4 J23-J24														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	D-SPL-U	PL	235* 9	2690		1.26	H	0.63	M	1.26				
1	D-SPL-U	PL	235* 9	4693		2.21	H	1.10	M	2.21				
1	D-SPL-U	PL	235* 9	338		0.16	H	0.08	M	0.16				
2	D-SPL	PL	235* 9	308		0.29	E	0.14	M	0.29				
3	D-SPL	PL	235* 9	2282		3.22	E	1.61	M	3.22				
158	D-SPL	TCB	M 22* 70			0.80	I	0.14	L	0.66				
J23-J24							E	1.75	H	1.81	I	0.14	L	0.66
							M	7.14						

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL4 J24-J25														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	3866		1.82	H	0.91	M	1.82				
1	D-SPL-U	PL	235* 9	3711		1.74	H	0.87	M	1.74				
1	D-SPL	PL	235* 9	1484		0.70	E	0.35	M	0.70				
2	D-SPL	PL	235* 9	2282		2.15	E	1.07	M	2.15				
1	D-SPL	PL	235* 9	1329		0.62	E	0.31	M	0.62				
152	D-SPL	TCB	M 22* 70			0.77	I	0.13	L	0.64				
J24-J25							E	1.73	H	1.78	I	0.13	L	0.64
							M	7.03						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL4 J25-J26														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	2695		1.27	H	0.63	M	1.27				
1	D-SPL-U	PL	235* 9	4694		2.21	H	1.10	M	2.21				
1	D-SPL-U	PL	235* 9	394		0.19	H	0.09	M	0.19				
1	D-SPL	PL	235* 9	313		0.15	E	0.07	M	0.15				
3	D-SPL	PL	235* 9	2282		3.22	E	1.61	M	3.22				
1	D-SPL	PL	235* 9	364		0.17	E	0.09	M	0.17				
158	D-SPL	TCB	M 22* 70			0.80	I	0.14	L	0.66				
J25-J26							E	1.77	H	1.82	I	0.14	L	0.66
							M	7.21						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL4 J26-J27														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	3660		1.72	H	0.86	M	1.72				
1	D-SPL-U	PL	235* 9	3615		1.70	H	0.85	M	1.70				
1	D-SPL	PL	235* 9	1278		0.60	E	0.30	M	0.60				
2	D-SPL	PL	235* 9	2282		2.15	E	1.07	M	2.15				
1	D-SPL	PL	235* 9	1232		0.58	E	0.29	M	0.58				
144	D-SPL	TCB	M 22* 70			0.73	I	0.12	L	0.60				
J26-J27							E	1.66	H	1.71	I	0.12	L	0.60
							M	6.75						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL4 J27-J28													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	235* 9	2792		1.31	H	0.66	M	1.31			

Caluculation of Steel Primer

(Unit: mm, m²)

1	D-SPL-U	PL	235* 9	3676	1.73	H	0.86	M	1.73				
1	D-SPL	PL	235* 9	410	0.19	E	0.10	M	0.19				
2	D-SPL	PL	235* 9	2282	2.15	E	1.07	M	2.15				
1	D-SPL	PL	235* 9	1293	0.61	E	0.30	M	0.61				
128	D-SPL	TCB	M 22* 70		0.65	I	0.11	L	0.54				
J27-J28						E	1.47	H	1.52	I	0.11	L	0.54
						M	5.99						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL4 J28-J29													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	235* 9	2732	1.28	H	0.64	M	1.28				
1	D-SPL-U	PL	235* 9	3717	1.75	H	0.87	M	1.75				
1	D-SPL	PL	235* 9	349	0.16	E	0.08	M	0.16				
2	D-SPL	PL	235* 9	2283	2.15	E	1.07	M	2.15				
1	D-SPL	PL	235* 9	1334	0.63	E	0.31	M	0.63				
132	D-SPL	TCB	M 22* 70		0.67	I	0.11	L	0.55				
J28-J29						E	1.46	H	1.51	I	0.11	L	0.55
						M	5.97						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL4 J29-J30													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	235* 9	2692	1.27	H	0.63	M	1.27				
1	D-SPL-U	PL	235* 9	4697	2.21	H	1.10	M	2.21				
1	D-SPL-U	PL	235* 9	349	0.16	H	0.08	M	0.16				
1	D-SPL	PL	235* 9	309	0.15	E	0.07	M	0.15				
3	D-SPL	PL	235* 9	2283	3.22	E	1.61	M	3.22				
1	D-SPL	PL	235* 9	319	0.15	E	0.07	M	0.15				
158	D-SPL	TCB	M 22* 70		0.80	I	0.14	L	0.66				
J29-J30						E	1.75	H	1.81	I	0.14	L	0.66
						M	7.16						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL4 J30-J31													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	235* 9	3709	1.74	H	0.87	M	1.74				
1	D-SPL-U	PL	235* 9	3875	1.82	H	0.91	M	1.82				
1	D-SPL	PL	235* 9	1325	0.62	E	0.31	M	0.62				
2	D-SPL	PL	235* 9	2284	2.15	E	1.07	M	2.15				
1	D-SPL	PL	235* 9	1492	0.70	E	0.35	M	0.70				

Caluculation of Steel Primer

(Unit: mm, m²)

152	D-SPL	TCB	M 22* 70			0.77	I	0.13	L	0.64				
J30-J31							E	1.73	H	1.78	I	0.13	L	0.64
							M	7.03						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL4 J31-J32														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	2687		1.26	H	0.63	M	1.26				
1	D-SPL-U	PL	235* 9	4672		2.20	H	1.10	M	2.20				
1	D-SPL-U	PL	235* 9	338		0.16	H	0.08	M	0.16				
1	D-SPL	PL	235* 9	303		0.14	E	0.07	M	0.14				
2	D-SPL	PL	235* 9	2284		2.15	E	1.07	M	2.15				
1	D-SPL	PL	235* 9	2258		1.06	E	0.53	M	1.06				
1	D-SPL	PL	235* 9	308		0.14	E	0.07	M	0.14				
158	D-SPL	TCB	M 22* 70			0.80	I	0.14	L	0.66				
J31-J32							E	1.74	H	1.81	I	0.14	L	0.66
							M	7.11						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL4 J32-GE2														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
2	E-SPL	PL	165* 9	185		0.12	F	0.06	M	0.12				
4	E-SPL	TCB	M 22* 65			0.02	J	0.02						
1	D-SPL-U	PL	235* 9	3814		1.79	H	0.90	M	1.79				
1	D-SPL-U	PL	235* 9	2315		1.09	H	0.54	M	1.09				
1	D-SPL-U	PL	215* 9	925		0.40	H	0.20	M	0.40				
1	D-SPL	PL	235* 9	1459		0.69	F	0.34	M	0.69				
2	D-SPL	PL	235* 9	2255		2.12	F	1.06	M	2.12				
1	D-SPL	PL	215* 9	895		0.38	F	0.19	M	0.38				
146	D-SPL	TCB	M 22* 70			0.74	J	0.13	L	0.61				
J32-GE2							F	1.65	H	1.64	J	0.15	L	0.61
							M	6.59						
JL4							E	51.00	F	3.37	H	56.19	I	3.94
							J	0.31	L	20.51	M	221.26		

Caluculation of Steel Primer

(Unit: mm, m²)

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL4A J27-J28														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	2788		1.31	H	0.66	M	1.31				
1	D-SPL-U	PL	235* 9	3672		1.73	H	0.86	M	1.73				
1	D-SPL	PL	235* 9	408		0.19	E	0.10	M	0.19				
2	D-SPL	PL	235* 9	2280		2.14	E	1.07	M	2.14				
1	D-SPL	PL	235* 9	1292		0.61	E	0.30	M	0.61				
128	D-SPL	TCB	M 22* 70			0.65	I	0.11	L	0.54				
J27-J28							E	1.47	H	1.52	I	0.11	L	0.54
							M	5.98						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL4A J28-J29														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	2728		1.28	H	0.64	M	1.28				
1	D-SPL-U	PL	235* 9	3712		1.74	H	0.87	M	1.74				
1	D-SPL	PL	235* 9	348		0.16	E	0.08	M	0.16				
2	D-SPL	PL	235* 9	2280		2.14	E	1.07	M	2.14				
1	D-SPL	PL	235* 9	1332		0.63	E	0.31	M	0.63				
132	D-SPL	TCB	M 22* 70			0.67	I	0.11	L	0.55				
J28-J29							E	1.46	H	1.51	I	0.11	L	0.55
							M	5.95						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL4A J29-J30														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	2688		1.26	H	0.63	M	1.26				
1	D-SPL-U	PL	235* 9	4690		2.20	H	1.10	M	2.20				
1	D-SPL-U	PL	235* 9	347		0.16	H	0.08	M	0.16				
1	D-SPL	PL	235* 9	308		0.14	E	0.07	M	0.14				
3	D-SPL	PL	235* 9	2280		3.21	E	1.61	M	3.21				
1	D-SPL	PL	235* 9	317		0.15	E	0.07	M	0.15				
158	D-SPL	TCB	M 22* 70			0.80	I	0.14	L	0.66				
J29-J30							E	1.75	H	1.81	I	0.14	L	0.66
							M	7.12						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL4A J30-J31													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	235* 9	3703		1.74	H	0.87	M	1.74			

Caluculation of Steel Primer

(Unit: mm, m²)

1	D-SPL-U	PL	235* 9	3867		1.82	H	0.91	M	1.82				
1	D-SPL	PL	235* 9	1323		0.62	E	0.31	M	0.62				
2	D-SPL	PL	235* 9	2280		2.14	E	1.07	M	2.14				
1	D-SPL	PL	235* 9	1487		0.70	E	0.35	M	0.70				
152	D-SPL	TCB	M 22* 70			0.77	I	0.13	L	0.64				
J30-J31							E	1.73	H	1.78	I	0.13	L	0.64
							M	7.02						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL4A J31-J32														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	2683		1.26	H	0.63	M	1.26				
1	D-SPL-U	PL	235* 9	4665		2.19	H	1.10	M	2.19				
1	D-SPL-U	PL	235* 9	331		0.16	H	0.08	M	0.16				
1	D-SPL	PL	235* 9	303		0.14	E	0.07	M	0.14				
2	D-SPL	PL	235* 9	2280		2.14	E	1.07	M	2.14				
1	D-SPL	PL	235* 9	2255		1.06	E	0.53	M	1.06				
1	D-SPL	PL	235* 9	301		0.14	E	0.07	M	0.14				
158	D-SPL	TCB	M 22* 70			0.80	I	0.14	L	0.66				
J31-J32							E	1.74	H	1.81	I	0.14	L	0.66
							M	7.09						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL4A J32-GE2														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
2	E-SPL	PL	165* 9	185		0.12	F	0.06	M	0.12				
4	E-SPL	TCB	M 22* 65			0.02	J	0.02						
1	D-SPL-U	PL	235* 9	3819		1.79	H	0.90	M	1.79				
1	D-SPL-U	PL	235* 9	2015		0.95	H	0.47	M	0.95				
1	D-SPL-U	PL	215* 9	1225		0.53	H	0.26	M	0.53				
1	D-SPL	PL	235* 9	1464		0.69	F	0.34	M	0.69				
2	D-SPL	PL	235* 9	1955		1.84	F	0.92	M	1.84				
1	D-SPL	PL	215* 9	1195		0.51	F	0.26	M	0.51				
146	D-SPL	TCB	M 22* 70			0.74	J	0.13	L	0.61				
J32-GE2							F	1.58	H	1.63	J	0.15	L	0.61
							M	6.43						
JL4A							E	8.15	F	1.58	H	10.06	I	0.63
							J	0.15	L	3.66	M	39.59		

Caluculation of Steel Primer

(Unit: mm, m²)

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL5 GE1-J1														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
2	E-SPL	PL	165* 9	185		0.12	F	0.06	M	0.12				
4	E-SPL	TCB	M 22* 65			0.02	J	0.02						
1	D-SPL-U	PL	215* 9	1025		0.44	H	0.22	M	0.44				
1	D-SPL-U	PL	235* 9	4336		2.04	H	1.02	M	2.04				
1	D-SPL-U	PL	235* 9	2654		1.25	H	0.62	M	1.25				
1	D-SPL	PL	215* 9	995		0.43	F	0.21	M	0.43				
1	D-SPL	PL	235* 9	1953		0.92	F	0.46	M	0.92				
2	D-SPL	PL	235* 9	2253		2.12	F	1.06	M	2.12				
1	D-SPL	PL	235* 9	301		0.14	F	0.07	M	0.14				
168	D-SPL	TCB	M 22* 70			0.85	J	0.14	L	0.71				
GE1-J1							F	1.86	H	1.86	J	0.16	L	0.71
							M	7.46						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL5 J1-J2														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	3866		1.82	H	0.91	M	1.82				
1	D-SPL-U	PL	235* 9	3903		1.83	H	0.92	M	1.83				
1	D-SPL	PL	235* 9	1463		0.69	E	0.34	M	0.69				
2	D-SPL	PL	235* 9	2303		2.16	E	1.08	M	2.16				
1	D-SPL	PL	235* 9	1500		0.71	E	0.35	M	0.71				
152	D-SPL	TCB	M 22* 70			0.77	I	0.13	L	0.64				
J1-J2							E	1.77	H	1.83	I	0.13	L	0.64
							M	7.21						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL5 J2-J3														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	2717		1.28	H	0.64	M	1.28				
1	D-SPL-U	PL	235* 9	4737		2.23	H	1.11	M	2.23				
1	D-SPL-U	PL	235* 9	343		0.16	H	0.08	M	0.16				
2	D-SPL	PL	235* 9	313		0.29	E	0.15	M	0.29				
3	D-SPL	PL	235* 9	2303		3.25	E	1.62	M	3.25				
152	D-SPL	TCB	M 22* 70			0.77	I	0.13	L	0.64				
J2-J3							E	1.77	H	1.83	I	0.13	L	0.64
							M	7.21						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL5 J3-J4												
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Caluculation of Steel Primer

(Unit: mm, m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	3903		1.83	H	0.92	M	1.83				
1	D-SPL-U	PL	235* 9	3853		1.81	H	0.91	M	1.81				
1	D-SPL	PL	235* 9	1500		0.71	E	0.35	M	0.71				
2	D-SPL	PL	235* 9	2303		2.16	E	1.08	M	2.16				
1	D-SPL	PL	235* 9	1450		0.68	E	0.34	M	0.68				
152	D-SPL	TCB	M 22* 70			0.77	I	0.13	L	0.64				
J3-J4							E	1.77	H	1.83	I	0.13	L	0.64
							M	7.19						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL5 J4-J5														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	2767		1.30	H	0.65	M	1.30				
1	D-SPL-U	PL	235* 9	4737		2.23	H	1.11	M	2.23				
1	D-SPL-U	PL	235* 9	343		0.16	H	0.08	M	0.16				
1	D-SPL	PL	235* 9	363		0.17	E	0.09	M	0.17				
3	D-SPL	PL	235* 9	2303		3.25	E	1.62	M	3.25				
1	D-SPL	PL	235* 9	313		0.15	E	0.07	M	0.15				
158	D-SPL	TCB	M 22* 70			0.80	I	0.14	L	0.66				
J4-J5							E	1.78	H	1.84	I	0.14	L	0.66
							M	7.26						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL5 J5-J6														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
2	D-SPL-U	PL	235* 9	3903		3.67	H	1.83	M	3.67				
2	D-SPL	PL	235* 9	1500		1.41	E	0.71	M	1.41				
2	D-SPL	PL	235* 9	2303		2.16	E	1.08	M	2.16				
152	D-SPL	TCB	M 22* 70			0.77	I	0.13	L	0.64				
J5-J6							E	1.79	H	1.83	I	0.13	L	0.64
							M	7.24						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL5 J6-J7														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	2717		1.28	H	0.64	M	1.28				
1	D-SPL-U	PL	235* 9	4737		2.23	H	1.11	M	2.23				
1	D-SPL-U	PL	235* 9	343		0.16	H	0.08	M	0.16				
2	D-SPL	PL	235* 9	313		0.29	E	0.15	M	0.29				

Caluculation of Steel Primer

(Unit: mm, m²)

3	D-SPL	PL	235* 9	2303		3.25	E	1.62	M	3.25					
158	D-SPL	TCB	M 22* 70			0.80	I	0.14	L	0.66					
J6-J7								E	1.77	H	1.83	I	0.14	L	0.66
								M	7.21						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL5 J7-J8															
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks	
2	D-SPL-U	PL	235* 9	3903		3.67	H	1.83	M	3.67					
2	D-SPL	PL	235* 9	1500		1.41	E	0.71	M	1.41					
2	D-SPL	PL	235* 9	2303		2.16	E	1.08	M	2.16					
152	D-SPL	TCB	M 22* 70			0.77	I	0.13	L	0.64					
J7-J8								E	1.79	H	1.83	I	0.13	L	0.64
								M	7.24						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL5 J8-J9															
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks	
1	D-SPL-U	PL	235* 9	2667		1.25	H	0.63	M	1.25					
1	D-SPL-U	PL	235* 9	3816		1.79	H	0.90	M	1.79					
1	D-SPL	PL	235* 9	313		0.15	E	0.07	M	0.15					
2	D-SPL	PL	235* 9	2253		2.12	E	1.06	M	2.12					
1	D-SPL	PL	235* 9	1463		0.69	E	0.34	M	0.69					
132	D-SPL	TCB	M 22* 70			0.67	I	0.11	L	0.55					
J8-J9								E	1.47	H	1.53	I	0.11	L	0.55
								M	6.00						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL5 J9-J10															
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks	
1	D-SPL-U	PL	235* 9	2654		1.25	H	0.62	M	1.25					
1	D-SPL-U	PL	235* 9	2701		1.27	H	0.63	M	1.27					
1	D-SPL	PL	235* 9	301		0.14	E	0.07	M	0.14					
1	D-SPL	PL	235* 9	2253		1.06	E	0.53	M	1.06					
1	D-SPL	PL	235* 9	2291		1.08	E	0.54	M	1.08					
1	D-SPL	PL	235* 9	310		0.15	E	0.07	M	0.15					
112	D-SPL	TCB	M 22* 70			0.57	I	0.10	L	0.47					
J9-J10								E	1.21	H	1.25	I	0.10	L	0.47
								M	4.95						

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL5 J10-J11														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	3881		1.82	H	0.91	M	1.82				
1	D-SPL-U	PL	235* 9	2710		1.27	H	0.64	M	1.27				
1	D-SPL	PL	235* 9	1491		0.70	E	0.35	M	0.70				
2	D-SPL	PL	235* 9	2291		2.15	E	1.08	M	2.15				
1	D-SPL	PL	235* 9	320		0.15	E	0.08	M	0.15				
132	D-SPL	TCB	M 22* 70			0.67	I	0.11	L	0.55				
J10-J11							E	1.51	H	1.55	I	0.11	L	0.55
							M	6.09						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL5 J11-J12														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
2	D-SPL-U	PL	235* 9	3947		3.71	H	1.86	M	3.71				
2	D-SPL	PL	235* 9	1519		1.43	E	0.71	M	1.43				
2	D-SPL	PL	235* 9	2328		2.19	E	1.09	M	2.19				
168	D-SPL	TCB	M 22* 70			0.85	I	0.14	L	0.71				
J11-J12							E	1.80	H	1.86	I	0.14	L	0.71
							M	7.33						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL5 J12-J13														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	2748		1.29	H	0.65	M	1.29				
1	D-SPL-U	PL	235* 9	4786		2.25	H	1.12	M	2.25				
1	D-SPL-U	PL	235* 9	350		0.16	H	0.08	M	0.16				
2	D-SPL	PL	235* 9	320		0.30	E	0.15	M	0.30				
3	D-SPL	PL	235* 9	2328		3.28	E	1.64	M	3.28				
170	D-SPL	TCB	M 22* 70			0.86	I	0.15	L	0.71				
J12-J13							E	1.79	H	1.85	I	0.15	L	0.71
							M	7.28						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL5 J13-J14													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	235* 9	3947		1.86	H	0.93	M	1.86			
1	D-SPL-U	PL	235* 9	2748		1.29	H	0.65	M	1.29			
1	D-SPL	PL	235* 9	1519		0.71	E	0.36	M	0.71			
2	D-SPL	PL	235* 9	2328		2.19	E	1.09	M	2.19			

Caluculation of Steel Primer

(Unit: mm, m²)

1	D-SPL	PL	235* 9	320		0.15	E	0.08	M	0.15				
144	D-SPL	TCB	M 22* 70			0.73	I	0.12	L	0.60				
J13-J14							E	1.53	H	1.58	I	0.12	L	0.60
							M	6.20						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL5 J14-J15														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
2	D-SPL-U	PL	235* 9	3947		3.71	H	1.86	M	3.71				
2	D-SPL	PL	235* 9	1519		1.43	E	0.71	M	1.43				
2	D-SPL	PL	235* 9	2328		2.19	E	1.09	M	2.19				
168	D-SPL	TCB	M 22* 70			0.85	I	0.14	L	0.71				
J14-J15							E	1.80	H	1.86	I	0.14	L	0.71
							M	7.33						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL5 J15-J16														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	D-SPL-U	PL	235* 9	2748		1.29	H	0.65	M	1.29				
1	D-SPL-U	PL	235* 9	3947		1.86	H	0.93	M	1.86				
1	D-SPL	PL	235* 9	320		0.15	E	0.08	M	0.15				
2	D-SPL	PL	235* 9	2328		2.19	E	1.09	M	2.19				
1	D-SPL	PL	235* 9	1519		0.71	E	0.36	M	0.71				
144	D-SPL	TCB	M 22* 70			0.73	I	0.12	L	0.60				
J15-J16							E	1.53	H	1.58	I	0.12	L	0.60
							M	6.20						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL5 J16-J17														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	D-SPL-U	PL	235* 9	2748		1.29	H	0.65	M	1.29				
1	D-SPL-U	PL	235* 9	4786		2.25	H	1.12	M	2.25				
1	D-SPL-U	PL	235* 9	350		0.16	H	0.08	M	0.16				
2	D-SPL	PL	235* 9	320		0.30	E	0.15	M	0.30				
3	D-SPL	PL	235* 9	2328		3.28	E	1.64	M	3.28				
170	D-SPL	TCB	M 22* 70			0.86	I	0.15	L	0.71				
J16-J17							E	1.79	H	1.85	I	0.15	L	0.71
							M	7.28						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL5 J17-J18														
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Caluculation of Steel Primer

(Unit: mm, m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	3947		1.86	H	0.93	M	1.86				
1	D-SPL-U	PL	235* 9	3872		1.82	H	0.91	M	1.82				
1	D-SPL	PL	235* 9	1519		0.71	E	0.36	M	0.71				
2	D-SPL	PL	235* 9	2328		2.19	E	1.09	M	2.19				
1	D-SPL	PL	235* 9	1444		0.68	E	0.34	M	0.68				
164	D-SPL	TCB	M 22* 70			0.83	I	0.14	L	0.69				
J17-J18							E	1.79	H	1.84	I	0.14	L	0.69
							M	7.26						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL5 J18-J19														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	2635		1.24	H	0.62	M	1.24				
1	D-SPL-U	PL	235* 9	3557		1.67	H	0.84	M	1.67				
1	D-SPL	PL	235* 9	245		0.12	E	0.06	M	0.12				
2	D-SPL	PL	235* 9	2291		2.15	E	1.08	M	2.15				
1	D-SPL	PL	235* 9	1166		0.55	E	0.27	M	0.55				
124	D-SPL	TCB	M 22* 70			0.63	I	0.11	L	0.52				
J18-J19							E	1.41	H	1.46	I	0.11	L	0.52
							M	5.73						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL5 J19-J20														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	2875		1.35	H	0.68	M	1.35				
1	D-SPL-U	PL	235* 9	2664		1.25	H	0.63	M	1.25				
1	D-SPL	PL	235* 9	485		0.23	E	0.11	M	0.23				
1	D-SPL	PL	235* 9	2291		1.08	E	0.54	M	1.08				
1	D-SPL	PL	235* 9	2153		1.01	E	0.51	M	1.01				
1	D-SPL	PL	235* 9	410		0.19	E	0.10	M	0.19				
112	D-SPL	TCB	M 22* 70			0.57	I	0.10	L	0.47				
J19-J20							E	1.26	H	1.31	I	0.10	L	0.47
							M	5.11						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL5 J20-J21														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	3356		1.58	H	0.79	M	1.58				
1	D-SPL-U	PL	235* 9	2561		1.20	H	0.60	M	1.20				

Caluculation of Steel Primer

(Unit: mm, m²)

1	D-SPL	PL	235* 9	1103		0.52	E	0.26	M	0.52				
2	D-SPL	PL	235* 9	2153		2.02	E	1.01	M	2.02				
1	D-SPL	PL	235* 9	307		0.14	E	0.07	M	0.14				
128	D-SPL	TCB	M 22* 70			0.65	I	0.11	L	0.54				
J20-J21							E	1.34	H	1.39	I	0.11	L	0.54
							M	5.46						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL5 J21-J22														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	D-SPL-U	PL	235* 9	3860		1.81	H	0.91	M	1.81				
1	D-SPL-U	PL	235* 9	2685		1.26	H	0.63	M	1.26				
1	D-SPL	PL	235* 9	1481		0.70	E	0.35	M	0.70				
2	D-SPL	PL	235* 9	2278		2.14	E	1.07	M	2.14				
1	D-SPL	PL	235* 9	307		0.14	E	0.07	M	0.14				
132	D-SPL	TCB	M 22* 70			0.67	I	0.11	L	0.55				
J21-J22							E	1.49	H	1.54	I	0.11	L	0.55
							M	6.05						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL5 J22-J23														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
2	D-SPL-U	PL	235* 9	3860		3.63	H	1.81	M	3.63				
2	D-SPL	PL	235* 9	1481		1.39	E	0.70	M	1.39				
2	D-SPL	PL	235* 9	2278		2.14	E	1.07	M	2.14				
152	D-SPL	TCB	M 22* 70			0.77	I	0.13	L	0.64				
J22-J23							E	1.77	H	1.81	I	0.13	L	0.64
							M	7.16						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL5 J23-J24														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	D-SPL-U	PL	235* 9	2685		1.26	H	0.63	M	1.26				
1	D-SPL-U	PL	235* 9	4687		2.20	H	1.10	M	2.20				
1	D-SPL-U	PL	235* 9	337		0.16	H	0.08	M	0.16				
2	D-SPL	PL	235* 9	307		0.29	E	0.14	M	0.29				
3	D-SPL	PL	235* 9	2278		3.21	E	1.61	M	3.21				
158	D-SPL	TCB	M 22* 70			0.80	I	0.14	L	0.66				
J23-J24							E	1.75	H	1.81	I	0.14	L	0.66
							M	7.12						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL5 J24-J25														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	3860		1.81	H	0.91	M	1.81				
1	D-SPL-U	PL	235* 9	3705		1.74	H	0.87	M	1.74				
1	D-SPL	PL	235* 9	1481		0.70	E	0.35	M	0.70				
2	D-SPL	PL	235* 9	2278		2.14	E	1.07	M	2.14				
1	D-SPL	PL	235* 9	1326		0.62	E	0.31	M	0.62				
152	D-SPL	TCB	M 22* 70			0.77	I	0.13	L	0.64				
J24-J25							E	1.73	H	1.78	I	0.13	L	0.64
							M	7.01						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL5 J25-J26														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	2690		1.26	H	0.63	M	1.26				
1	D-SPL-U	PL	235* 9	4687		2.20	H	1.10	M	2.20				
1	D-SPL-U	PL	235* 9	399		0.19	H	0.09	M	0.19				
1	D-SPL	PL	235* 9	312		0.15	E	0.07	M	0.15				
2	D-SPL	PL	235* 9	2278		2.14	E	1.07	M	2.14				
1	D-SPL	PL	235* 9	2279		1.07	E	0.54	M	1.07				
1	D-SPL	PL	235* 9	369		0.17	E	0.09	M	0.17				
158	D-SPL	TCB	M 22* 70			0.80	I	0.14	L	0.66				
J25-J26							E	1.77	H	1.82	I	0.14	L	0.66
							M	7.18						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL5 J26-J27														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	3650		1.72	H	0.86	M	1.72				
1	D-SPL-U	PL	235* 9	3612		1.70	H	0.85	M	1.70				
1	D-SPL	PL	235* 9	1270		0.60	E	0.30	M	0.60				
2	D-SPL	PL	235* 9	2279		2.14	E	1.07	M	2.14				
1	D-SPL	PL	235* 9	1233		0.58	E	0.29	M	0.58				
144	D-SPL	TCB	M 22* 70			0.73	I	0.12	L	0.60				
J26-J27							E	1.66	H	1.71	I	0.12	L	0.60
							M	6.74						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL5 J27-J28												

Caluculation of Steel Primer

(Unit: mm, m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	2786		1.31	H	0.65	M	1.31				
1	D-SPL-U	PL	235* 9	3671		1.73	H	0.86	M	1.73				
1	D-SPL	PL	235* 9	407		0.19	E	0.10	M	0.19				
2	D-SPL	PL	235* 9	2279		2.14	E	1.07	M	2.14				
1	D-SPL	PL	235* 9	1292		0.61	E	0.30	M	0.61				
128	D-SPL	TCB	M 22* 70			0.65	I	0.11	L	0.54				
J27-J28							E	1.47	H	1.51	I	0.11	L	0.54
							M	5.98						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL5 J28-J29														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	2726		1.28	H	0.64	M	1.28				
1	D-SPL-U	PL	235* 9	3709		1.74	H	0.87	M	1.74				
1	D-SPL	PL	235* 9	347		0.16	E	0.08	M	0.16				
1	D-SPL	PL	235* 9	2279		1.07	E	0.54	M	1.07				
1	D-SPL	PL	235* 9	2278		1.07	E	0.54	M	1.07				
1	D-SPL	PL	235* 9	1331		0.63	E	0.31	M	0.63				
132	D-SPL	TCB	M 22* 70			0.67	I	0.11	L	0.55				
J28-J29							E	1.47	H	1.51	I	0.11	L	0.55
							M	5.95						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL5 J29-J30														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	2686		1.26	H	0.63	M	1.26				
1	D-SPL-U	PL	235* 9	4686		2.20	H	1.10	M	2.20				
1	D-SPL-U	PL	235* 9	346		0.16	H	0.08	M	0.16				
1	D-SPL	PL	235* 9	308		0.14	E	0.07	M	0.14				
3	D-SPL	PL	235* 9	2278		3.21	E	1.61	M	3.21				
1	D-SPL	PL	235* 9	316		0.15	E	0.07	M	0.15				
158	D-SPL	TCB	M 22* 70			0.80	I	0.14	L	0.66				
J29-J30							E	1.75	H	1.81	I	0.14	L	0.66
							M	7.12						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL5 J30-J31														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	3700		1.74	H	0.87	M	1.74				
1	D-SPL-U	PL	235* 9	3861		1.81	H	0.91	M	1.81				

Caluculation of Steel Primer

(Unit: mm, m²)

1	D-SPL	PL	235* 9	1322		0.62	E	0.31	M	0.62				
2	D-SPL	PL	235* 9	2278		2.14	E	1.07	M	2.14				
1	D-SPL	PL	235* 9	1484		0.70	E	0.35	M	0.70				
152	D-SPL	TCB	M 22* 70			0.77	I	0.13	L	0.64				
J30-J31							E	1.73	H	1.78	I	0.13	L	0.64
							M	7.01						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL5 J31-J32														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	D-SPL-U	PL	235* 9	2681		1.26	H	0.63	M	1.26				
1	D-SPL-U	PL	235* 9	4659		2.19	H	1.09	M	2.19				
1	D-SPL-U	PL	235* 9	324		0.15	H	0.08	M	0.15				
1	D-SPL	PL	235* 9	304		0.14	E	0.07	M	0.14				
2	D-SPL	PL	235* 9	2277		2.14	E	1.07	M	2.14				
1	D-SPL	PL	235* 9	2252		1.06	E	0.53	M	1.06				
1	D-SPL	PL	235* 9	294		0.14	E	0.07	M	0.14				
158	D-SPL	TCB	M 22* 70			0.80	I	0.14	L	0.66				
J31-J32							E	1.74	H	1.80	I	0.14	L	0.66
							M	7.08						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL5 J32-GE2														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
2	E-SPL	PL	165* 9	185		0.12	F	0.06	M	0.12				
4	E-SPL	TCB	M 22* 65			0.02	J	0.02						
1	D-SPL-U	PL	235* 9	3824		1.80	H	0.90	M	1.80				
1	D-SPL-U	PL	235* 9	2315		1.09	H	0.54	M	1.09				
1	D-SPL-U	PL	215* 9	925		0.40	H	0.20	M	0.40				
1	D-SPL	PL	235* 9	1469		0.69	F	0.35	M	0.69				
2	D-SPL	PL	235* 9	2255		2.12	F	1.06	M	2.12				
1	D-SPL	PL	215* 9	895		0.38	F	0.19	M	0.38				
146	D-SPL	TCB	M 22* 70			0.74	J	0.13	L	0.61				
J32-GE2							F	1.66	H	1.64	J	0.15	L	0.61
							M	6.60						
JL5							E	51.00	F	3.52	H	56.11	I	3.93
							J	0.31	L	20.47	M	221.24		

Caluculation of Steel Primer

(Unit: mm, m²)

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6 GE1-J1														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
2	E-SPL	PL	165* 9	185		0.12	F	0.06	M	0.12				
4	E-SPL	TCB	M 22* 65			0.02	J	0.02						
1	D-SPL-U	PL	215* 9	1025		0.44	H	0.22	M	0.44				
1	D-SPL-U	PL	235* 9	4327		2.03	H	1.02	M	2.03				
1	D-SPL-U	PL	235* 9	2650		1.25	H	0.62	M	1.25				
1	D-SPL	PL	215* 9	995		0.43	F	0.21	M	0.43				
1	D-SPL	PL	235* 9	1948		0.92	F	0.46	M	0.92				
2	D-SPL	PL	235* 9	2250		2.12	F	1.06	M	2.12				
1	D-SPL	PL	235* 9	300		0.14	F	0.07	M	0.14				
168	D-SPL	TCB	M 22* 70			0.85	J	0.14	L	0.71				
GE1-J1							F	1.86	H	1.86	J	0.16	L	0.71
							M	7.45						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6 J1-J2														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	3859		1.81	H	0.91	M	1.81				
1	D-SPL-U	PL	235* 9	3897		1.83	H	0.92	M	1.83				
1	D-SPL	PL	235* 9	1460		0.69	E	0.34	M	0.69				
2	D-SPL	PL	235* 9	2300		2.16	E	1.08	M	2.16				
1	D-SPL	PL	235* 9	1497		0.70	E	0.35	M	0.70				
152	D-SPL	TCB	M 22* 70			0.77	I	0.13	L	0.64				
J1-J2							E	1.77	H	1.83	I	0.13	L	0.64
							M	7.19						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6 J2-J3														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	2712		1.27	H	0.64	M	1.27				
1	D-SPL-U	PL	235* 9	4729		2.22	H	1.11	M	2.22				
1	D-SPL-U	PL	235* 9	342		0.16	H	0.08	M	0.16				
2	D-SPL	PL	235* 9	312		0.29	E	0.15	M	0.29				
3	D-SPL	PL	235* 9	2300		3.24	E	1.62	M	3.24				
152	D-SPL	TCB	M 22* 70			0.77	I	0.13	L	0.64				
J2-J3							E	1.77	H	1.83	I	0.13	L	0.64
							M	7.18						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6 J3-J4												
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Caluculation of Steel Primer

(Unit: mm, m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	3897		1.83	H	0.92	M	1.83				
1	D-SPL-U	PL	235* 9	3847		1.81	H	0.90	M	1.81				
1	D-SPL	PL	235* 9	1497		0.70	E	0.35	M	0.70				
2	D-SPL	PL	235* 9	2300		2.16	E	1.08	M	2.16				
1	D-SPL	PL	235* 9	1447		0.68	E	0.34	M	0.68				
152	D-SPL	TCB	M 22* 70			0.77	I	0.13	L	0.64				
J3-J4							E	1.77	H	1.82	I	0.13	L	0.64
							M	7.18						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6 J4-J5														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	2762		1.30	H	0.65	M	1.30				
1	D-SPL-U	PL	235* 9	4729		2.22	H	1.11	M	2.22				
1	D-SPL-U	PL	235* 9	342		0.16	H	0.08	M	0.16				
1	D-SPL	PL	235* 9	362		0.17	E	0.09	M	0.17				
3	D-SPL	PL	235* 9	2300		3.24	E	1.62	M	3.24				
1	D-SPL	PL	235* 9	312		0.15	E	0.07	M	0.15				
158	D-SPL	TCB	M 22* 70			0.80	I	0.14	L	0.66				
J4-J5							E	1.78	H	1.84	I	0.14	L	0.66
							M	7.24						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6 J5-J6														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
2	D-SPL-U	PL	235* 9	3897		3.66	H	1.83	M	3.66				
2	D-SPL	PL	235* 9	1497		1.41	E	0.70	M	1.41				
2	D-SPL	PL	235* 9	2300		2.16	E	1.08	M	2.16				
152	D-SPL	TCB	M 22* 70			0.77	I	0.13	L	0.64				
J5-J6							E	1.78	H	1.83	I	0.13	L	0.64
							M	7.23						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6 J6-J7														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	2712		1.27	H	0.64	M	1.27				
1	D-SPL-U	PL	235* 9	4729		2.22	H	1.11	M	2.22				
1	D-SPL-U	PL	235* 9	342		0.16	H	0.08	M	0.16				
2	D-SPL	PL	235* 9	312		0.29	E	0.15	M	0.29				

Caluculation of Steel Primer

(Unit: mm, m²)

3	D-SPL	PL	235* 9	2300		3.24	E	1.62	M	3.24					
152	D-SPL	TCB	M 22* 70			0.77	I	0.13	L	0.64					
J6-J7								E	1.77	H	1.83	I	0.13	L	0.64
								M	7.18						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6 J7-J8															
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks	
2	D-SPL-U	PL	235* 9	3897		3.66	H	1.83	M	3.66					
2	D-SPL	PL	235* 9	1497		1.41	E	0.70	M	1.41					
2	D-SPL	PL	235* 9	2300		2.16	E	1.08	M	2.16					
152	D-SPL	TCB	M 22* 70			0.77	I	0.13	L	0.64					
J7-J8								E	1.78	H	1.83	I	0.13	L	0.64
								M	7.23						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6 J8-J9															
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks	
1	D-SPL-U	PL	235* 9	2662		1.25	H	0.63	M	1.25					
1	D-SPL-U	PL	235* 9	3810		1.79	H	0.90	M	1.79					
1	D-SPL	PL	235* 9	312		0.15	E	0.07	M	0.15					
2	D-SPL	PL	235* 9	2250		2.12	E	1.06	M	2.12					
1	D-SPL	PL	235* 9	1460		0.69	E	0.34	M	0.69					
132	D-SPL	TCB	M 22* 70			0.67	I	0.11	L	0.55					
J8-J9								E	1.47	H	1.53	I	0.11	L	0.55
								M	6.00						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6 J9-J10															
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks	
1	D-SPL-U	PL	235* 9	2650		1.25	H	0.62	M	1.25					
1	D-SPL-U	PL	235* 9	2696		1.27	H	0.63	M	1.27					
1	D-SPL	PL	235* 9	300		0.14	E	0.07	M	0.14					
1	D-SPL	PL	235* 9	2250		1.06	E	0.53	M	1.06					
1	D-SPL	PL	235* 9	2287		1.07	E	0.54	M	1.07					
1	D-SPL	PL	235* 9	309		0.15	E	0.07	M	0.15					
112	D-SPL	TCB	M 22* 70			0.57	I	0.10	L	0.47					
J9-J10								E	1.21	H	1.25	I	0.10	L	0.47
								M	4.94						

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6 J10-J11														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	3875		1.82	H	0.91	M	1.82				
1	D-SPL-U	PL	235* 9	2706		1.27	H	0.64	M	1.27				
1	D-SPL	PL	235* 9	1488		0.70	E	0.35	M	0.70				
2	D-SPL	PL	235* 9	2287		2.15	E	1.07	M	2.15				
1	D-SPL	PL	235* 9	319		0.15	E	0.07	M	0.15				
132	D-SPL	TCB	M 22* 70			0.67	I	0.11	L	0.55				
J10-J11							E	1.49	H	1.55	I	0.11	L	0.55
							M	6.09						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6 J11-J12														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
2	D-SPL-U	PL	235* 9	3941		3.70	H	1.85	M	3.70				
2	D-SPL	PL	235* 9	1516		1.43	E	0.71	M	1.43				
2	D-SPL	PL	235* 9	2325		2.19	E	1.09	M	2.19				
168	D-SPL	TCB	M 22* 70			0.85	I	0.14	L	0.71				
J11-J12							E	1.80	H	1.85	I	0.14	L	0.71
							M	7.32						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6 J12-J13														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	2743		1.29	H	0.64	M	1.29				
1	D-SPL-U	PL	235* 9	4779		2.25	H	1.12	M	2.25				
1	D-SPL-U	PL	235* 9	349		0.16	H	0.08	M	0.16				
2	D-SPL	PL	235* 9	319		0.30	E	0.15	M	0.30				
3	D-SPL	PL	235* 9	2325		3.28	E	1.64	M	3.28				
170	D-SPL	TCB	M 22* 70			0.86	I	0.15	L	0.71				
J12-J13							E	1.79	H	1.84	I	0.15	L	0.71
							M	7.28						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6 J13-J14													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	235* 9	3941		1.85	H	0.93	M	1.85			
1	D-SPL-U	PL	235* 9	2743		1.29	H	0.64	M	1.29			
1	D-SPL	PL	235* 9	1516		0.71	E	0.36	M	0.71			
2	D-SPL	PL	235* 9	2325		2.19	E	1.09	M	2.19			

Caluculation of Steel Primer

(Unit: mm, m²)

1	D-SPL	PL	235* 9	319		0.15	E	0.07	M	0.15				
144	D-SPL	TCB	M 22* 70			0.73	I	0.12	L	0.60				
J13-J14							E	1.52	H	1.57	I	0.12	L	0.60
							M	6.19						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6 J14-J15														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
2	D-SPL-U	PL	235* 9	3941		3.70	H	1.85	M	3.70				
2	D-SPL	PL	235* 9	1516		1.43	E	0.71	M	1.43				
2	D-SPL	PL	235* 9	2325		2.19	E	1.09	M	2.19				
168	D-SPL	TCB	M 22* 70			0.85	I	0.14	L	0.71				
J14-J15							E	1.80	H	1.85	I	0.14	L	0.71
							M	7.32						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6 J15-J16														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	D-SPL-U	PL	235* 9	2743		1.29	H	0.64	M	1.29				
1	D-SPL-U	PL	235* 9	3941		1.85	H	0.93	M	1.85				
1	D-SPL	PL	235* 9	319		0.15	E	0.07	M	0.15				
2	D-SPL	PL	235* 9	2325		2.19	E	1.09	M	2.19				
1	D-SPL	PL	235* 9	1516		0.71	E	0.36	M	0.71				
144	D-SPL	TCB	M 22* 70			0.73	I	0.12	L	0.60				
J15-J16							E	1.52	H	1.57	I	0.12	L	0.60
							M	6.19						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6 J16-J17														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	D-SPL-U	PL	235* 9	2743		1.29	H	0.64	M	1.29				
1	D-SPL-U	PL	235* 9	4779		2.25	H	1.12	M	2.25				
1	D-SPL-U	PL	235* 9	349		0.16	H	0.08	M	0.16				
2	D-SPL	PL	235* 9	319		0.30	E	0.15	M	0.30				
3	D-SPL	PL	235* 9	2325		3.28	E	1.64	M	3.28				
170	D-SPL	TCB	M 22* 70			0.86	I	0.15	L	0.71				
J16-J17							E	1.79	H	1.84	I	0.15	L	0.71
							M	7.28						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6 J17-J18														
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Caluculation of Steel Primer

(Unit: mm, m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	3941		1.85	H	0.93	M	1.85				
1	D-SPL-U	PL	235* 9	3866		1.82	H	0.91	M	1.82				
1	D-SPL	PL	235* 9	1516		0.71	E	0.36	M	0.71				
2	D-SPL	PL	235* 9	2325		2.19	E	1.09	M	2.19				
1	D-SPL	PL	235* 9	1441		0.68	E	0.34	M	0.68				
164	D-SPL	TCB	M 22* 70			0.83	I	0.14	L	0.69				
J17-J18							E	1.79	H	1.84	I	0.14	L	0.69
							M	7.25						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6 J18-J19														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	2631		1.24	H	0.62	M	1.24				
1	D-SPL-U	PL	235* 9	3551		1.67	H	0.83	M	1.67				
1	D-SPL	PL	235* 9	244		0.11	E	0.06	M	0.11				
2	D-SPL	PL	235* 9	2287		2.15	E	1.07	M	2.15				
1	D-SPL	PL	235* 9	1164		0.55	E	0.27	M	0.55				
124	D-SPL	TCB	M 22* 70			0.63	I	0.11	L	0.52				
J18-J19							E	1.40	H	1.45	I	0.11	L	0.52
							M	5.72						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6 J19-J20														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	2870		1.35	H	0.67	M	1.35				
1	D-SPL-U	PL	235* 9	2659		1.25	H	0.62	M	1.25				
1	D-SPL	PL	235* 9	483		0.23	E	0.11	M	0.23				
1	D-SPL	PL	235* 9	2287		1.07	E	0.54	M	1.07				
1	D-SPL	PL	235* 9	2150		1.01	E	0.51	M	1.01				
1	D-SPL	PL	235* 9	409		0.19	E	0.10	M	0.19				
112	D-SPL	TCB	M 22* 70			0.57	I	0.10	L	0.47				
J19-J20							E	1.26	H	1.29	I	0.10	L	0.47
							M	5.10						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6 J20-J21														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	3351		1.57	H	0.79	M	1.57				
1	D-SPL-U	PL	235* 9	2556		1.20	H	0.60	M	1.20				

Caluculation of Steel Primer

(Unit: mm, m²)

1	D-SPL	PL	235* 9	1101		0.52	E	0.26	M	0.52				
2	D-SPL	PL	235* 9	2150		2.02	E	1.01	M	2.02				
1	D-SPL	PL	235* 9	306		0.14	E	0.07	M	0.14				
128	D-SPL	TCB	M 22* 70			0.65	I	0.11	L	0.54				
J20-J21							E	1.34	H	1.39	I	0.11	L	0.54
							M	5.45						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6 J21-J22														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	D-SPL-U	PL	235* 9	3853		1.81	H	0.91	M	1.81				
1	D-SPL-U	PL	235* 9	2681		1.26	H	0.63	M	1.26				
1	D-SPL	PL	235* 9	1479		0.70	E	0.35	M	0.70				
2	D-SPL	PL	235* 9	2275		2.14	E	1.07	M	2.14				
1	D-SPL	PL	235* 9	306		0.14	E	0.07	M	0.14				
132	D-SPL	TCB	M 22* 70			0.67	I	0.11	L	0.55				
J21-J22							E	1.49	H	1.54	I	0.11	L	0.55
							M	6.05						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6 J22-J23														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
2	D-SPL-U	PL	235* 9	3853		3.62	H	1.81	M	3.62				
2	D-SPL	PL	235* 9	1479		1.39	E	0.70	M	1.39				
2	D-SPL	PL	235* 9	2275		2.14	E	1.07	M	2.14				
152	D-SPL	TCB	M 22* 70			0.77	I	0.13	L	0.64				
J22-J23							E	1.77	H	1.81	I	0.13	L	0.64
							M	7.15						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6 J23-J24														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	D-SPL-U	PL	235* 9	2681		1.26	H	0.63	M	1.26				
1	D-SPL-U	PL	235* 9	4679		2.20	H	1.10	M	2.20				
1	D-SPL-U	PL	235* 9	336		0.16	H	0.08	M	0.16				
2	D-SPL	PL	235* 9	306		0.29	E	0.14	M	0.29				
3	D-SPL	PL	235* 9	2275		3.21	E	1.60	M	3.21				
158	D-SPL	TCB	M 22* 70			0.80	I	0.14	L	0.66				
J23-J24							E	1.74	H	1.81	I	0.14	L	0.66
							M	7.12						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6 J24-J25														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	3853		1.81	H	0.91	M	1.81				
1	D-SPL-U	PL	235* 9	3699		1.74	H	0.87	M	1.74				
1	D-SPL	PL	235* 9	1479		0.70	E	0.35	M	0.70				
2	D-SPL	PL	235* 9	2275		2.14	E	1.07	M	2.14				
1	D-SPL	PL	235* 9	1324		0.62	E	0.31	M	0.62				
152	D-SPL	TCB	M 22* 70			0.77	I	0.13	L	0.64				
J24-J25							E	1.73	H	1.78	I	0.13	L	0.64
							M	7.01						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6 J25-J26														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	2686		1.26	H	0.63	M	1.26				
1	D-SPL-U	PL	235* 9	4621		2.17	H	1.09	M	2.17				
1	D-SPL-U	PL	235* 9	388		0.18	H	0.09	M	0.18				
1	D-SPL	PL	235* 9	311		0.15	E	0.07	M	0.15				
1	D-SPL	PL	235* 9	2275		1.07	E	0.53	M	1.07				
1	D-SPL	PL	235* 9	2235		1.05	E	0.53	M	1.05				
1	D-SPL	PL	235* 9	2256		1.06	E	0.53	M	1.06				
1	D-SPL	PL	235* 9	358		0.17	E	0.08	M	0.17				
158	D-SPL	TCB	M 22* 70			0.80	I	0.14	L	0.66				
J25-J26							E	1.74	H	1.81	I	0.14	L	0.66
							M	7.11						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6 J26-J27														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	3615		1.70	H	0.85	M	1.70				
1	D-SPL-U	PL	235* 9	3604		1.69	H	0.85	M	1.69				
1	D-SPL	PL	235* 9	1259		0.59	E	0.30	M	0.59				
1	D-SPL	PL	235* 9	2256		1.06	E	0.53	M	1.06				
1	D-SPL	PL	235* 9	2278		1.07	E	0.54	M	1.07				
1	D-SPL	PL	235* 9	1227		0.58	E	0.29	M	0.58				
144	D-SPL	TCB	M 22* 70			0.73	I	0.12	L	0.60				
J26-J27							E	1.66	H	1.70	I	0.12	L	0.60
							M	6.69						

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6 J27-J28														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	2791		1.31	H	0.66	M	1.31				
1	D-SPL-U	PL	235* 9	3665		1.72	H	0.86	M	1.72				
1	D-SPL	PL	235* 9	412		0.19	E	0.10	M	0.19				
2	D-SPL	PL	235* 9	2279		2.14	E	1.07	M	2.14				
1	D-SPL	PL	235* 9	1286		0.60	E	0.30	M	0.60				
128	D-SPL	TCB	M 22* 70			0.65	I	0.11	L	0.54				
J27-J28							E	1.47	H	1.52	I	0.11	L	0.54
							M	5.96						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6 J28-J29														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	2730		1.28	H	0.64	M	1.28				
1	D-SPL-U	PL	235* 9	3704		1.74	H	0.87	M	1.74				
1	D-SPL	PL	235* 9	352		0.17	E	0.08	M	0.17				
2	D-SPL	PL	235* 9	2278		2.14	E	1.07	M	2.14				
1	D-SPL	PL	235* 9	1326		0.62	E	0.31	M	0.62				
158	D-SPL	TCB	M 22* 70			0.80	I	0.14	L	0.66				
J28-J29							E	1.46	H	1.51	I	0.14	L	0.66
							M	5.95						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6 J29-J30														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	2690		1.26	H	0.63	M	1.26				
1	D-SPL-U	PL	235* 9	4685		2.20	H	1.10	M	2.20				
1	D-SPL-U	PL	235* 9	342		0.16	H	0.08	M	0.16				
2	D-SPL	PL	235* 9	312		0.29	E	0.15	M	0.29				
3	D-SPL	PL	235* 9	2278		3.21	E	1.61	M	3.21				
158	D-SPL	TCB	M 22* 70			0.80	I	0.14	L	0.66				
J29-J30							E	1.76	H	1.81	I	0.14	L	0.66
							M	7.12						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6 J30-J31													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	235* 9	3703		1.74	H	0.87	M	1.74			
1	D-SPL-U	PL	235* 9	3858		1.81	H	0.91	M	1.81			

Caluculation of Steel Primer

(Unit: mm, m²)

1	D-SPL	PL	235* 9	1326		0.62	E	0.31	M	0.62				
2	D-SPL	PL	235* 9	2277		2.14	E	1.07	M	2.14				
1	D-SPL	PL	235* 9	1480		0.70	E	0.35	M	0.70				
152	D-SPL	TCB	M 22* 70			0.77	I	0.13	L	0.64				
J30-J31							E	1.73	H	1.78	I	0.13	L	0.64
							M	7.01						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6 J31-J32														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	D-SPL-U	PL	235* 9	2695		1.27	H	0.63	M	1.27				
1	D-SPL-U	PL	235* 9	4703		2.21	H	1.11	M	2.21				
1	D-SPL-U	PL	235* 9	331		0.16	H	0.08	M	0.16				
1	D-SPL	PL	235* 9	307		0.14	E	0.07	M	0.14				
1	D-SPL	PL	235* 9	2288		1.08	E	0.54	M	1.08				
1	D-SPL	PL	235* 9	2299		1.08	E	0.54	M	1.08				
1	D-SPL	PL	235* 9	2274		1.07	E	0.53	M	1.07				
1	D-SPL	PL	235* 9	301		0.14	E	0.07	M	0.14				
158	D-SPL	TCB	M 22* 70			0.80	I	0.14	L	0.66				
J31-J32							E	1.75	H	1.82	I	0.14	L	0.66
							M	7.15						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6 J32-GE2														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
2	E-SPL	PL	165* 9	185		0.12	F	0.06	M	0.12				
4	E-SPL	TCB	M 22* 65			0.02	J	0.02						
1	D-SPL-U	PL	235* 9	3796		1.78	H	0.89	M	1.78				
1	D-SPL-U	PL	235* 9	2015		0.95	H	0.47	M	0.95				
1	D-SPL-U	PL	215* 9	1225		0.53	H	0.26	M	0.53				
1	D-SPL	PL	235* 9	1441		0.68	F	0.34	M	0.68				
2	D-SPL	PL	235* 9	1955		1.84	F	0.92	M	1.84				
1	D-SPL	PL	215* 9	1195		0.51	F	0.26	M	0.51				
146	D-SPL	TCB	M 22* 70			0.74	J	0.13	L	0.61				
J32-GE2							F	1.58	H	1.62	J	0.15	L	0.61
							M	6.41						
JL6							E	50.90	F	3.44	H	56.00	I	3.95
							J	0.31	L	20.56	M	220.74		

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6A GE1-J1														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
2	E-SPL	PL	165* 9	185		0.12	F	0.06	M	0.12				
4	E-SPL	TCB	M 22* 65			0.02	J	0.02						
1	D-SPL-U	PL	215* 9	1025		0.44	H	0.22	M	0.44				
1	D-SPL-U	PL	235* 9	4322		2.03	H	1.02	M	2.03				
1	D-SPL-U	PL	235* 9	2645		1.24	H	0.62	M	1.24				
1	D-SPL	PL	215* 9	995		0.43	F	0.21	M	0.43				
1	D-SPL	PL	235* 9	1945		0.91	F	0.46	M	0.91				
2	D-SPL	PL	235* 9	2248		2.11	F	1.06	M	2.11				
1	D-SPL	PL	235* 9	297		0.14	F	0.07	M	0.14				
168	D-SPL	TCB	M 22* 70			0.85	J	0.14	L	0.71				
GE1-J1							F	1.86	H	1.86	J	0.16	L	0.71
							M	7.42						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6A J1-J2														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	3858		1.81	H	0.91	M	1.81				
1	D-SPL-U	PL	235* 9	3891		1.83	H	0.91	M	1.83				
1	D-SPL	PL	235* 9	1461		0.69	E	0.34	M	0.69				
1	D-SPL	PL	235* 9	2297		1.08	E	0.54	M	1.08				
1	D-SPL	PL	235* 9	2298		1.08	E	0.54	M	1.08				
1	D-SPL	PL	235* 9	1493		0.70	E	0.35	M	0.70				
152	D-SPL	TCB	M 22* 70			0.77	I	0.13	L	0.64				
J1-J2							E	1.77	H	1.82	I	0.13	L	0.64
							M	7.19						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6A J2-J3														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	2712		1.27	H	0.64	M	1.27				
1	D-SPL-U	PL	235* 9	4725		2.22	H	1.11	M	2.22				
1	D-SPL-U	PL	235* 9	340		0.16	H	0.08	M	0.16				
1	D-SPL	PL	235* 9	314		0.15	E	0.07	M	0.15				
3	D-SPL	PL	235* 9	2297		3.24	E	1.62	M	3.24				
1	D-SPL	PL	235* 9	310		0.15	E	0.07	M	0.15				
158	D-SPL	TCB	M 22* 70			0.80	I	0.14	L	0.66				
J2-J3							E	1.76	H	1.83	I	0.14	L	0.66
							M	7.19						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6A J3-J4														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	3895		1.83	H	0.92	M	1.83				
1	D-SPL-U	PL	235* 9	3841		1.81	H	0.90	M	1.81				
1	D-SPL	PL	235* 9	1498		0.70	E	0.35	M	0.70				
2	D-SPL	PL	235* 9	2297		2.16	E	1.08	M	2.16				
1	D-SPL	PL	235* 9	1443		0.68	E	0.34	M	0.68				
152	D-SPL	TCB	M 22* 70			0.77	I	0.13	L	0.64				
J3-J4							E	1.77	H	1.82	I	0.13	L	0.64
							M	7.18						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6A J4-J5														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	2761		1.30	H	0.65	M	1.30				
1	D-SPL-U	PL	235* 9	4725		2.22	H	1.11	M	2.22				
1	D-SPL-U	PL	235* 9	340		0.16	H	0.08	M	0.16				
1	D-SPL	PL	235* 9	364		0.17	E	0.09	M	0.17				
3	D-SPL	PL	235* 9	2297		3.24	E	1.62	M	3.24				
1	D-SPL	PL	235* 9	310		0.15	E	0.07	M	0.15				
158	D-SPL	TCB	M 22* 70			0.80	I	0.14	L	0.66				
J4-J5							E	1.78	H	1.84	I	0.14	L	0.66
							M	7.24						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6A J5-J6														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	3895		1.83	H	0.92	M	1.83				
1	D-SPL-U	PL	235* 9	3891		1.83	H	0.91	M	1.83				
1	D-SPL	PL	235* 9	1498		0.70	E	0.35	M	0.70				
2	D-SPL	PL	235* 9	2297		2.16	E	1.08	M	2.16				
1	D-SPL	PL	235* 9	1494		0.70	E	0.35	M	0.70				
152	D-SPL	TCB	M 22* 70			0.77	I	0.13	L	0.64				
J5-J6							E	1.78	H	1.83	I	0.13	L	0.64
							M	7.22						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6A J6-J7													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks

Caluculation of Steel Primer

(Unit: mm, m²)

1	D-SPL-U	PL	235* 9	2711		1.27	H	0.64	M	1.27				
1	D-SPL-U	PL	235* 9	4725		2.22	H	1.11	M	2.22				
1	D-SPL-U	PL	235* 9	340		0.16	H	0.08	M	0.16				
1	D-SPL	PL	235* 9	314		0.15	E	0.07	M	0.15				
3	D-SPL	PL	235* 9	2297		3.24	E	1.62	M	3.24				
1	D-SPL	PL	235* 9	310		0.15	E	0.07	M	0.15				
158	D-SPL	TCB	M 22* 70			0.80	I	0.14	L	0.66				
J6-J7							E	1.76	H	1.83	I	0.14	L	0.66
							M	7.19						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6A J7-J8														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	D-SPL-U	PL	235* 9	3895		1.83	H	0.92	M	1.83				
1	D-SPL-U	PL	235* 9	3891		1.83	H	0.91	M	1.83				
1	D-SPL	PL	235* 9	1497		0.70	E	0.35	M	0.70				
2	D-SPL	PL	235* 9	2297		2.16	E	1.08	M	2.16				
1	D-SPL	PL	235* 9	1494		0.70	E	0.35	M	0.70				
152	D-SPL	TCB	M 22* 70			0.77	I	0.13	L	0.64				
J7-J8							E	1.78	H	1.83	I	0.13	L	0.64
							M	7.22						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6A J8-J9														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	D-SPL-U	PL	235* 9	2661		1.25	H	0.63	M	1.25				
1	D-SPL-U	PL	235* 9	3804		1.79	H	0.89	M	1.79				
1	D-SPL	PL	235* 9	314		0.15	E	0.07	M	0.15				
2	D-SPL	PL	235* 9	2248		2.11	E	1.06	M	2.11				
1	D-SPL	PL	235* 9	1457		0.68	E	0.34	M	0.68				
132	D-SPL	TCB	M 22* 70			0.67	I	0.11	L	0.55				
J8-J9							E	1.47	H	1.52	I	0.11	L	0.55
							M	5.98						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6A J9-J10														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	D-SPL-U	PL	235* 9	2648		1.24	H	0.62	M	1.24				
1	D-SPL-U	PL	235* 9	2692		1.27	H	0.63	M	1.27				
1	D-SPL	PL	235* 9	301		0.14	E	0.07	M	0.14				
1	D-SPL	PL	235* 9	2248		1.06	E	0.53	M	1.06				

Caluculation of Steel Primer

(Unit: mm, m²)

1	D-SPL	PL	235* 9	2285		1.07	E	0.54	M	1.07				
1	D-SPL	PL	235* 9	307		0.14	E	0.07	M	0.14				
112	D-SPL	TCB	M 22* 70			0.57	I	0.10	L	0.47				
J9-J10							E	1.21	H	1.25	I	0.10	L	0.47
							M	4.92						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6A J10-J11														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	3872		1.82	H	0.91	M	1.82				
1	D-SPL-U	PL	235* 9	2702		1.27	H	0.63	M	1.27				
1	D-SPL	PL	235* 9	1488		0.70	E	0.35	M	0.70				
2	D-SPL	PL	235* 9	2285		2.15	E	1.07	M	2.15				
1	D-SPL	PL	235* 9	317		0.15	E	0.07	M	0.15				
132	D-SPL	TCB	M 22* 70			0.67	I	0.11	L	0.55				
J10-J11							E	1.49	H	1.54	I	0.11	L	0.55
							M	6.09						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6A J11-J12														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	3938		1.85	H	0.93	M	1.85				
1	D-SPL-U	PL	235* 9	3936		1.85	H	0.92	M	1.85				
1	D-SPL	PL	235* 9	1515		0.71	E	0.36	M	0.71				
2	D-SPL	PL	235* 9	2322		2.18	E	1.09	M	2.18				
1	D-SPL	PL	235* 9	1513		0.71	E	0.36	M	0.71				
160	D-SPL	TCB	M 22* 70			0.81	I	0.14	L	0.67				
J11-J12							E	1.81	H	1.85	I	0.14	L	0.67
							M	7.30						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6A J12-J13													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	235* 9	2741		1.29	H	0.64	M	1.29			
1	D-SPL-U	PL	235* 9	4775		2.24	H	1.12	M	2.24			
1	D-SPL-U	PL	235* 9	348		0.16	H	0.08	M	0.16			
1	D-SPL	PL	235* 9	319		0.15	E	0.07	M	0.15			
3	D-SPL	PL	235* 9	2322		3.27	E	1.64	M	3.27			
1	D-SPL	PL	235* 9	318		0.15	E	0.07	M	0.15			
158	D-SPL	TCB	M 22* 70			0.80	I	0.14	L	0.66			

Caluculation of Steel Primer

(Unit: mm, m²)

J12-J13					E	1.78	H	1.84	I	0.14	L	0.66	
					M	7.26							

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6A J13-J14													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	235* 9	3937		1.85	H	0.93	M	1.85			
1	D-SPL-U	PL	235* 9	2743		1.29	H	0.64	M	1.29			
1	D-SPL	PL	235* 9	1515		0.71	E	0.36	M	0.71			
2	D-SPL	PL	235* 9	2322		2.18	E	1.09	M	2.18			
1	D-SPL	PL	235* 9	318		0.15	E	0.07	M	0.15			
136	D-SPL	TCB	M 22* 70			0.69	I	0.12	L	0.57			
J13-J14					E	1.52	H	1.57	I	0.12	L	0.57	
					M	6.18							

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6A J14-J15													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	D-SPL-U	PL	235* 9	3937		3.70	H	1.85	M	3.70			
1	D-SPL	PL	235* 9	1515		0.71	E	0.36	M	0.71			
2	D-SPL	PL	235* 9	2322		2.18	E	1.09	M	2.18			
1	D-SPL	PL	235* 9	1514		0.71	E	0.36	M	0.71			
160	D-SPL	TCB	M 22* 70			0.81	I	0.14	L	0.67			
J14-J15					E	1.81	H	1.85	I	0.14	L	0.67	
					M	7.30							

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6A J15-J16													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	235* 9	2740		1.29	H	0.64	M	1.29			
1	D-SPL-U	PL	235* 9	3931		1.85	H	0.92	M	1.85			
1	D-SPL	PL	235* 9	318		0.15	E	0.07	M	0.15			
2	D-SPL	PL	235* 9	2322		2.18	E	1.09	M	2.18			
1	D-SPL	PL	235* 9	1509		0.71	E	0.35	M	0.71			
136	D-SPL	TCB	M 22* 70			0.69	I	0.12	L	0.57			
J15-J16					E	1.51	H	1.56	I	0.12	L	0.57	
					M	6.18							

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6A J16-J17													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks

Caluculation of Steel Primer

(Unit: mm,m²)

1	D-SPL-U	PL	235* 9	2746		1.29	H	0.65	M	1.29				
1	D-SPL-U	PL	235* 9	4775		2.24	H	1.12	M	2.24				
1	D-SPL-U	PL	235* 9	341		0.16	H	0.08	M	0.16				
1	D-SPL	PL	235* 9	324		0.15	E	0.08	M	0.15				
3	D-SPL	PL	235* 9	2322		3.27	E	1.64	M	3.27				
1	D-SPL	PL	235* 9	311		0.15	E	0.07	M	0.15				
158	D-SPL	TCB	M 22* 70			0.80	I	0.14	L	0.66				
J16-J17							E	1.79	H	1.85	I	0.14	L	0.66
							M	7.26						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6A J17-J18														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	3943		1.85	H	0.93	M	1.85				
1	D-SPL-U	PL	235* 9	3854		1.81	H	0.91	M	1.81				
1	D-SPL	PL	235* 9	1521		0.71	E	0.36	M	0.71				
2	D-SPL	PL	235* 9	2322		2.18	E	1.09	M	2.18				
1	D-SPL	PL	235* 9	1431		0.67	E	0.34	M	0.67				
156	D-SPL	TCB	M 22* 70			0.79	I	0.13	L	0.66				
J17-J18							E	1.79	H	1.84	I	0.13	L	0.66
							M	7.22						
JL6A							E	28.58	F	1.86	H	31.33	I	2.19
							J	0.16	L	11.28	M	123.54		

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6B GE1-J1														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
2	E-SPL	PL	165* 9	185		0.12	F	0.06	M	0.12				
4	E-SPL	TCB	M 22* 65			0.02	J	0.02						
1	D-SPL-U	PL	215* 9	1025		0.44	H	0.22	M	0.44				
1	D-SPL-U	PL	235* 9	4317		2.03	H	1.01	M	2.03				
1	D-SPL-U	PL	235* 9	2639		1.24	H	0.62	M	1.24				
1	D-SPL	PL	215* 9	995		0.43	F	0.21	M	0.43				
1	D-SPL	PL	235* 9	1942		0.91	F	0.46	M	0.91				
2	D-SPL	PL	235* 9	2245		2.11	F	1.06	M	2.11				
1	D-SPL	PL	235* 9	294		0.14	F	0.07	M	0.14				
168	D-SPL	TCB	M 22* 70			0.85	J	0.14	L	0.71				
GE1-J1							F	1.86	H	1.85	J	0.16	L	0.71
							M	7.42						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6B J1-J2														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	3857		1.81	H	0.91	M	1.81				
1	D-SPL-U	PL	235* 9	3884		1.83	H	0.91	M	1.83				
1	D-SPL	PL	235* 9	1461		0.69	E	0.34	M	0.69				
2	D-SPL	PL	235* 9	2295		2.16	E	1.08	M	2.16				
1	D-SPL	PL	235* 9	1489		0.70	E	0.35	M	0.70				
152	D-SPL	TCB	M 22* 70			0.77	I	0.13	L	0.64				
J1-J2							E	1.77	H	1.82	I	0.13	L	0.64
							M	7.19						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6B J2-J3														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	2711		1.27	H	0.64	M	1.27				
1	D-SPL-U	PL	235* 9	4720		2.22	H	1.11	M	2.22				
1	D-SPL-U	PL	235* 9	337		0.16	H	0.08	M	0.16				
1	D-SPL	PL	235* 9	316		0.15	E	0.07	M	0.15				
3	D-SPL	PL	235* 9	2295		3.24	E	1.62	M	3.24				
1	D-SPL	PL	235* 9	307		0.14	E	0.07	M	0.14				
158	D-SPL	TCB	M 22* 70			0.80	I	0.14	L	0.66				
J2-J3							E	1.76	H	1.83	I	0.14	L	0.66
							M	7.18						

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6B J3-J4														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	3894		1.83	H	0.92	M	1.83				
1	D-SPL-U	PL	235* 9	3834		1.80	H	0.90	M	1.80				
1	D-SPL	PL	235* 9	1499		0.70	E	0.35	M	0.70				
2	D-SPL	PL	235* 9	2295		2.16	E	1.08	M	2.16				
1	D-SPL	PL	235* 9	1439		0.68	E	0.34	M	0.68				
152	D-SPL	TCB	M 22* 70			0.77	I	0.13	L	0.64				
J3-J4							E	1.77	H	1.82	I	0.13	L	0.64
							M	7.17						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6B J4-J5														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	2761		1.30	H	0.65	M	1.30				
1	D-SPL-U	PL	235* 9	4720		2.22	H	1.11	M	2.22				
1	D-SPL-U	PL	235* 9	337		0.16	H	0.08	M	0.16				
1	D-SPL	PL	235* 9	366		0.17	E	0.09	M	0.17				
3	D-SPL	PL	235* 9	2295		3.24	E	1.62	M	3.24				
1	D-SPL	PL	235* 9	307		0.14	E	0.07	M	0.14				
158	D-SPL	TCB	M 22* 70			0.80	I	0.14	L	0.66				
J4-J5							E	1.78	H	1.84	I	0.14	L	0.66
							M	7.23						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6B J5-J6														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	3893		1.83	H	0.91	M	1.83				
1	D-SPL-U	PL	235* 9	3885		1.83	H	0.91	M	1.83				
1	D-SPL	PL	235* 9	1498		0.70	E	0.35	M	0.70				
2	D-SPL	PL	235* 9	2295		2.16	E	1.08	M	2.16				
1	D-SPL	PL	235* 9	1490		0.70	E	0.35	M	0.70				
152	D-SPL	TCB	M 22* 70			0.77	I	0.13	L	0.64				
J5-J6							E	1.78	H	1.82	I	0.13	L	0.64
							M	7.22						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6B J6-J7													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	235* 9	2710		1.27	H	0.64	M	1.27			

Caluculation of Steel Primer

(Unit: mm,m²)

1	D-SPL-U	PL	235* 9	4720		2.22	H	1.11	M	2.22				
1	D-SPL-U	PL	235* 9	338		0.16	H	0.08	M	0.16				
1	D-SPL	PL	235* 9	315		0.15	E	0.07	M	0.15				
3	D-SPL	PL	235* 9	2295		3.24	E	1.62	M	3.24				
1	D-SPL	PL	235* 9	308		0.14	E	0.07	M	0.14				
158	D-SPL	TCB	M 22* 70			0.80	I	0.14	L	0.66				
J6-J7							E	1.76	H	1.83	I	0.14	L	0.66
							M	7.18						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6B J7-J8														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	D-SPL-U	PL	235* 9	3893		1.83	H	0.91	M	1.83				
1	D-SPL-U	PL	235* 9	3886		1.83	H	0.91	M	1.83				
1	D-SPL	PL	235* 9	1498		0.70	E	0.35	M	0.70				
2	D-SPL	PL	235* 9	2295		2.16	E	1.08	M	2.16				
1	D-SPL	PL	235* 9	1491		0.70	E	0.35	M	0.70				
152	D-SPL	TCB	M 22* 70			0.77	I	0.13	L	0.64				
J7-J8							E	1.78	H	1.82	I	0.13	L	0.64
							M	7.22						
JL6B							E	12.40	F	1.86	H	14.63	I	0.94
							J	0.16	L	5.25	M	57.81		

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6C GE1-J1														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
2	E-SPL	PL	165* 9	185		0.12	F	0.06	M	0.12				
4	E-SPL	TCB	M 22* 65			0.02	J	0.02						
1	D-SPL-U	PL	215* 9	1025		0.44	H	0.22	M	0.44				
1	D-SPL-U	PL	235* 9	4312		2.03	H	1.01	M	2.03				
1	D-SPL-U	PL	235* 9	2634		1.24	H	0.62	M	1.24				
1	D-SPL	PL	215* 9	995		0.43	F	0.21	M	0.43				
1	D-SPL	PL	235* 9	1939		0.91	F	0.46	M	0.91				
2	D-SPL	PL	235* 9	2243		2.11	F	1.05	M	2.11				
1	D-SPL	PL	235* 9	291		0.14	F	0.07	M	0.14				
168	D-SPL	TCB	M 22* 70			0.85	J	0.14	L	0.71				
GE1-J1							F	1.85	H	1.85	J	0.16	L	0.71
							M	7.42						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL6C J1-J2														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	3855		1.81	H	0.91	M	1.81				
1	D-SPL-U	PL	235* 9	3878		1.82	H	0.91	M	1.82				
1	D-SPL	PL	235* 9	1462		0.69	E	0.34	M	0.69				
2	D-SPL	PL	235* 9	2293		2.16	E	1.08	M	2.16				
1	D-SPL	PL	235* 9	1485		0.70	E	0.35	M	0.70				
152	D-SPL	TCB	M 22* 70			0.77	I	0.13	L	0.64				
J1-J2							E	1.77	H	1.82	I	0.13	L	0.64
							M	7.18						
JL6C							E	1.77	F	1.85	H	3.67	I	0.13
							J	0.16	L	1.35	M	14.60		

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL7 GE1-J1														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
2	E-SPL	PL	165* 9	185		0.12	F	0.06	M	0.12				
4	E-SPL	TCB	M 22* 65			0.02	J	0.02						
1	D-SPL-U	PL	215* 9	1026		0.44	H	0.22	M	0.44				
1	D-SPL-U	PL	235* 9	4312		2.03	H	1.01	M	2.03				
1	D-SPL-U	PL	235* 9	2633		1.24	H	0.62	M	1.24				
1	D-SPL	PL	215* 9	995		0.43	F	0.21	M	0.43				
1	D-SPL	PL	235* 9	1938		0.91	F	0.46	M	0.91				
2	D-SPL	PL	235* 9	2244		2.11	F	1.05	M	2.11				
1	D-SPL	PL	235* 9	289		0.14	F	0.07	M	0.14				
168	D-SPL	TCB	M 22* 70			0.85	J	0.14	L	0.71				
GE1-J1							F	1.85	H	1.85	J	0.16	L	0.71
							M	7.42						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL7 J1-J2														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	3860		1.81	H	0.91	M	1.81				
1	D-SPL-U	PL	235* 9	3878		1.82	H	0.91	M	1.82				
1	D-SPL	PL	235* 9	1465		0.69	E	0.34	M	0.69				
2	D-SPL	PL	235* 9	2294		2.16	E	1.08	M	2.16				
1	D-SPL	PL	235* 9	1484		0.70	E	0.35	M	0.70				
152	D-SPL	TCB	M 22* 70			0.77	I	0.13	L	0.64				
J1-J2							E	1.77	H	1.82	I	0.13	L	0.64
							M	7.18						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL7 J2-J3														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	2714		1.28	H	0.64	M	1.28				
1	D-SPL-U	PL	235* 9	4718		2.22	H	1.11	M	2.22				
1	D-SPL-U	PL	235* 9	333		0.16	H	0.08	M	0.16				
1	D-SPL	PL	235* 9	320		0.15	E	0.08	M	0.15				
3	D-SPL	PL	235* 9	2294		3.23	E	1.62	M	3.23				
1	D-SPL	PL	235* 9	303		0.14	E	0.07	M	0.14				
158	D-SPL	TCB	M 22* 70			0.80	I	0.14	L	0.66				
J2-J3							E	1.77	H	1.83	I	0.14	L	0.66
							M	7.18						

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL7 J3-J4														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	3896		1.83	H	0.92	M	1.83				
1	D-SPL-U	PL	235* 9	3830		1.80	H	0.90	M	1.80				
1	D-SPL	PL	235* 9	1501		0.71	E	0.35	M	0.71				
2	D-SPL	PL	235* 9	2294		2.16	E	1.08	M	2.16				
1	D-SPL	PL	235* 9	1436		0.67	E	0.34	M	0.67				
152	D-SPL	TCB	M 22* 70			0.77	I	0.13	L	0.64				
J3-J4							E	1.77	H	1.82	I	0.13	L	0.64
							M	7.17						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL7 J4-J5														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	2763		1.30	H	0.65	M	1.30				
1	D-SPL-U	PL	235* 9	4718		2.22	H	1.11	M	2.22				
1	D-SPL-U	PL	235* 9	334		0.16	H	0.08	M	0.16				
1	D-SPL	PL	235* 9	369		0.17	E	0.09	M	0.17				
3	D-SPL	PL	235* 9	2294		3.23	E	1.62	M	3.23				
1	D-SPL	PL	235* 9	304		0.14	E	0.07	M	0.14				
158	D-SPL	TCB	M 22* 70			0.80	I	0.14	L	0.66				
J4-J5							E	1.78	H	1.84	I	0.14	L	0.66
							M	7.22						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL7 J5-J6														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	3894		1.83	H	0.92	M	1.83				
1	D-SPL-U	PL	235* 9	3881		1.82	H	0.91	M	1.82				
1	D-SPL	PL	235* 9	1500		0.71	E	0.35	M	0.71				
2	D-SPL	PL	235* 9	2294		2.16	E	1.08	M	2.16				
1	D-SPL	PL	235* 9	1487		0.70	E	0.35	M	0.70				
152	D-SPL	TCB	M 22* 70			0.77	I	0.13	L	0.64				
J5-J6							E	1.78	H	1.83	I	0.13	L	0.64
							M	7.22						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL7 J6-J7													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	235* 9	2711		1.27	H	0.64	M	1.27			

Caluculation of Steel Primer

(Unit: mm, m²)

1	D-SPL-U	PL	235* 9	4718		2.22	H	1.11	M	2.22				
1	D-SPL-U	PL	235* 9	336		0.16	H	0.08	M	0.16				
1	D-SPL	PL	235* 9	317		0.15	E	0.07	M	0.15				
3	D-SPL	PL	235* 9	2294		3.23	E	1.62	M	3.23				
1	D-SPL	PL	235* 9	306		0.14	E	0.07	M	0.14				
158	D-SPL	TCB	M 22* 70			0.80	I	0.14	L	0.66				
J6-J7							E	1.76	H	1.83	I	0.14	L	0.66
							M	7.17						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL7 J7-J8														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	3893		1.83	H	0.91	M	1.83				
1	D-SPL-U	PL	235* 9	3883		1.83	H	0.91	M	1.83				
1	D-SPL	PL	235* 9	1498		0.70	E	0.35	M	0.70				
2	D-SPL	PL	235* 9	2294		2.16	E	1.08	M	2.16				
1	D-SPL	PL	235* 9	1489		0.70	E	0.35	M	0.70				
152	D-SPL	TCB	M 22* 70			0.77	I	0.13	L	0.64				
J7-J8							E	1.78	H	1.82	I	0.13	L	0.64
							M	7.22						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL7 J8-J9														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	2660		1.25	H	0.63	M	1.25				
1	D-SPL-U	PL	235* 9	3796		1.78	H	0.89	M	1.78				
1	D-SPL	PL	235* 9	316		0.15	E	0.07	M	0.15				
2	D-SPL	PL	235* 9	2244		2.11	E	1.05	M	2.11				
1	D-SPL	PL	235* 9	1452		0.68	E	0.34	M	0.68				
132	D-SPL	TCB	M 22* 70			0.67	I	0.11	L	0.55				
J8-J9							E	1.46	H	1.52	I	0.11	L	0.55
							M	5.97						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL7 J9-J10														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	2647		1.24	H	0.62	M	1.24				
1	D-SPL-U	PL	235* 9	2686		1.26	H	0.63	M	1.26				
1	D-SPL	PL	235* 9	303		0.14	E	0.07	M	0.14				
1	D-SPL	PL	235* 9	2245		1.06	E	0.53	M	1.06				
1	D-SPL	PL	235* 9	2282		1.07	E	0.54	M	1.07				

Caluculation of Steel Primer

(Unit: mm, m²)

1	D-SPL	PL	235* 9	305		0.14	E	0.07	M	0.14				
112	D-SPL	TCB	M 22* 70			0.57	I	0.10	L	0.47				
J9-J10							E	1.21	H	1.25	I	0.10	L	0.47
							M	4.91						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL7 J10-J11														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	3869		1.82	H	0.91	M	1.82				
1	D-SPL-U	PL	235* 9	2696		1.27	H	0.63	M	1.27				
1	D-SPL	PL	235* 9	1487		0.70	E	0.35	M	0.70				
2	D-SPL	PL	235* 9	2282		2.15	E	1.07	M	2.15				
1	D-SPL	PL	235* 9	315		0.15	E	0.07	M	0.15				
132	D-SPL	TCB	M 22* 70			0.67	I	0.11	L	0.55				
J10-J11							E	1.49	H	1.54	I	0.11	L	0.55
							M	6.09						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL7 J11-J12														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	3938		1.85	H	0.93	M	1.85				
1	D-SPL-U	PL	235* 9	3929		1.85	H	0.92	M	1.85				
1	D-SPL	PL	235* 9	1515		0.71	E	0.36	M	0.71				
2	D-SPL	PL	235* 9	2319		2.18	E	1.09	M	2.18				
1	D-SPL	PL	235* 9	1510		0.71	E	0.35	M	0.71				
160	D-SPL	TCB	M 22* 70			0.81	I	0.14	L	0.67				
J11-J12							E	1.80	H	1.85	I	0.14	L	0.67
							M	7.30						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL7 J12-J13														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	2738		1.29	H	0.64	M	1.29				
1	D-SPL-U	PL	235* 9	4678		2.20	H	1.10	M	2.20				
1	D-SPL-U	PL	235* 9	346		0.16	H	0.08	M	0.16				
1	D-SPL	PL	235* 9	319		0.15	E	0.07	M	0.15				
3	D-SPL	PL	235* 9	2319		3.27	E	1.63	M	3.27				
1	D-SPL	PL	235* 9	316		0.15	E	0.07	M	0.15				
158	D-SPL	TCB	M 22* 70			0.80	I	0.14	L	0.66				
J12-J13							E	1.77	H	1.82	I	0.14	L	0.66

Caluculation of Steel Primer

(Unit: mm, m²)

	M	7.22							
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APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL7 J13-J14													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
1	D-SPL-U	PL	235* 9	3932		1.85	H	0.92	M	1.85			
1	D-SPL-U	PL	235* 9	2736		1.29	H	0.64	M	1.29			
1	D-SPL	PL	235* 9	1513		0.71	E	0.36	M	0.71			
2	D-SPL	PL	235* 9	2319		2.18	E	1.09	M	2.18			
1	D-SPL	PL	235* 9	317		0.15	E	0.07	M	0.15			
136	D-SPL	TCB	M 22* 70			0.69	I	0.12	L	0.57			
J13-J14						E	1.52	H	1.56	I	0.12	L	0.57
						M	6.18						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL7 J14-J15													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
1	D-SPL-U	PL	235* 9	3932		1.85	H	0.92	M	1.85			
1	D-SPL-U	PL	235* 9	3931		1.85	H	0.92	M	1.85			
1	D-SPL	PL	235* 9	1513		0.71	E	0.36	M	0.71			
2	D-SPL	PL	235* 9	2319		2.18	E	1.09	M	2.18			
1	D-SPL	PL	235* 9	1512		0.71	E	0.36	M	0.71			
160	D-SPL	TCB	M 22* 70			0.81	I	0.14	L	0.67			
J14-J15						E	1.81	H	1.84	I	0.14	L	0.67
						M	7.30						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL7 J15-J16													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
1	D-SPL-U	PL	235* 9	2736		1.29	H	0.64	M	1.29			
1	D-SPL-U	PL	235* 9	3927		1.85	H	0.92	M	1.85			
1	D-SPL	PL	235* 9	317		0.15	E	0.07	M	0.15			
1	D-SPL	PL	235* 9	2319		1.09	E	0.54	M	1.09			
1	D-SPL	PL	235* 9	2323		1.09	E	0.55	M	1.09			
1	D-SPL	PL	235* 9	1504		0.71	E	0.35	M	0.71			
136	D-SPL	TCB	M 22* 70			0.69	I	0.12	L	0.57			
J15-J16						E	1.51	H	1.56	I	0.12	L	0.57
						M	6.18						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL7 J16-J17												

Caluculation of Steel Primer

(Unit: mm, m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
							H	M	I	L				
1	D-SPL-U	PL	235* 9	2758		1.30	H	0.65	M	1.30				
1	D-SPL-U	PL	235* 9	4782		2.25	H	1.12	M	2.25				
1	D-SPL-U	PL	235* 9	336		0.16	H	0.08	M	0.16				
1	D-SPL	PL	235* 9	332		0.16	E	0.08	M	0.16				
3	D-SPL	PL	235* 9	2326		3.28	E	1.64	M	3.28				
1	D-SPL	PL	235* 9	306		0.14	E	0.07	M	0.14				
170	D-SPL	TCB	M 22* 70			0.86	I	0.15	L	0.71				
J16-J17							E	1.79	H	1.85	I	0.15	L	0.71
							M	7.29						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL7 J17-J18														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
							H	M	I	L				
1	D-SPL-U	PL	235* 9	3957		1.86	H	0.93	M	1.86				
1	D-SPL-U	PL	235* 9	3857		1.81	H	0.91	M	1.81				
1	D-SPL	PL	235* 9	1530		0.72	E	0.36	M	0.72				
2	D-SPL	PL	235* 9	2327		2.19	E	1.09	M	2.19				
1	D-SPL	PL	235* 9	1430		0.67	E	0.34	M	0.67				
164	D-SPL	TCB	M 22* 70			0.83	I	0.14	L	0.69				
J17-J18							E	1.79	H	1.84	I	0.14	L	0.69
							M	7.25						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL7 J18-J19														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
							H	M	I	L				
1	D-SPL-U	PL	235* 9	2647		1.24	H	0.62	M	1.24				
1	D-SPL-U	PL	235* 9	3542		1.66	H	0.83	M	1.66				
1	D-SPL	PL	235* 9	257		0.12	E	0.06	M	0.12				
2	D-SPL	PL	235* 9	2290		2.15	E	1.08	M	2.15				
1	D-SPL	PL	235* 9	1152		0.54	E	0.27	M	0.54				
124	D-SPL	TCB	M 22* 70			0.63	I	0.11	L	0.52				
J18-J19							E	1.41	H	1.45	I	0.11	L	0.52
							M	5.71						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL7 J19-J20														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
							H	M	I	L				
1	D-SPL-U	PL	235* 9	2889		1.36	H	0.68	M	1.36				
1	D-SPL-U	PL	235* 9	2651		1.25	H	0.62	M	1.25				
1	D-SPL	PL	235* 9	498		0.23	E	0.12	M	0.23				

Caluculation of Steel Primer

(Unit: mm, m²)

1	D-SPL	PL	235* 9	2290		1.08	E	0.54	M	1.08				
1	D-SPL	PL	235* 9	2153		1.01	E	0.51	M	1.01				
1	D-SPL	PL	235* 9	398		0.19	E	0.09	M	0.19				
116	D-SPL	TCB	M 22* 70			0.59	I	0.10	L	0.49				
J19-J20							E	1.26	H	1.30	I	0.10	L	0.49
							M	5.12						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL7 J20-J21														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	D-SPL-U	PL	235* 9	3369		1.58	H	0.79	M	1.58				
1	D-SPL-U	PL	235* 9	2548		1.20	H	0.60	M	1.20				
1	D-SPL	PL	235* 9	1116		0.52	E	0.26	M	0.52				
2	D-SPL	PL	235* 9	2154		2.02	E	1.01	M	2.02				
1	D-SPL	PL	235* 9	294		0.14	E	0.07	M	0.14				
128	D-SPL	TCB	M 22* 70			0.65	I	0.11	L	0.54				
J20-J21							E	1.34	H	1.39	I	0.11	L	0.54
							M	5.46						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL7 J21-J22														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	D-SPL-U	PL	235* 9	3874		1.82	H	0.91	M	1.82				
1	D-SPL-U	PL	235* 9	2682		1.26	H	0.63	M	1.26				
1	D-SPL	PL	235* 9	1495		0.70	E	0.35	M	0.70				
1	D-SPL	PL	235* 9	2279		1.07	E	0.54	M	1.07				
1	D-SPL	PL	235* 9	2276		1.07	E	0.53	M	1.07				
1	D-SPL	PL	235* 9	306		0.14	E	0.07	M	0.14				
132	D-SPL	TCB	M 22* 70			0.67	I	0.11	L	0.55				
J21-J22							E	1.49	H	1.54	I	0.11	L	0.55
							M	6.06						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL7 J22-J23														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
2	D-SPL-U	PL	235* 9	3851		3.62	H	1.81	M	3.62				
2	D-SPL	PL	235* 9	1477		1.39	E	0.69	M	1.39				
2	D-SPL	PL	235* 9	2273		2.14	E	1.07	M	2.14				
152	D-SPL	TCB	M 22* 70			0.77	I	0.13	L	0.64				
J22-J23							E	1.76	H	1.81	I	0.13	L	0.64

Caluculation of Steel Primer

(Unit: mm, m²)

	M	7.15							
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APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL7 J23-J24														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
1	D-SPL-U	PL	235* 9	2679		1.26	H	0.63	M	1.26				
1	D-SPL-U	PL	235* 9	4676		2.20	H	1.10	M	2.20				
1	D-SPL-U	PL	235* 9	336		0.16	H	0.08	M	0.16				
2	D-SPL	PL	235* 9	306		0.29	E	0.14	M	0.29				
3	D-SPL	PL	235* 9	2273		3.20	E	1.60	M	3.20				
158	D-SPL	TCB	M 22* 70			0.80	I	0.14	L	0.66				
J23-J24							E	1.74	H	1.81	I	0.14	L	0.66
							M	7.11						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL7 J24-J25														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
1	D-SPL-U	PL	235* 9	3851		1.81	H	0.90	M	1.81				
1	D-SPL-U	PL	235* 9	3696		1.74	H	0.87	M	1.74				
1	D-SPL	PL	235* 9	1477		0.69	E	0.35	M	0.69				
2	D-SPL	PL	235* 9	2273		2.14	E	1.07	M	2.14				
1	D-SPL	PL	235* 9	1322		0.62	E	0.31	M	0.62				
152	D-SPL	TCB	M 22* 70			0.77	I	0.13	L	0.64				
J24-J25							E	1.73	H	1.77	I	0.13	L	0.64
							M	7.00						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL7 J25-J26														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
1	D-SPL-U	PL	235* 9	2684		1.26	H	0.63	M	1.26				
1	D-SPL-U	PL	235* 9	4592		2.16	H	1.08	M	2.16				
1	D-SPL-U	PL	235* 9	384		0.18	H	0.09	M	0.18				
1	D-SPL	PL	235* 9	311		0.15	E	0.07	M	0.15				
1	D-SPL	PL	235* 9	2273		1.07	E	0.53	M	1.07				
1	D-SPL	PL	235* 9	2216		1.04	E	0.52	M	1.04				
1	D-SPL	PL	235* 9	2246		1.06	E	0.53	M	1.06				
1	D-SPL	PL	235* 9	354		0.17	E	0.08	M	0.17				
158	D-SPL	TCB	M 22* 70			0.80	I	0.14	L	0.66				
J25-J26							E	1.73	H	1.80	I	0.14	L	0.66
							M	7.09						

Caluculation of Steel Primer

(Unit: mm, m²)

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL7 J26-J27														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	3598		1.69	H	0.85	M	1.69				
1	D-SPL-U	PL	235* 9	3604		1.69	H	0.85	M	1.69				
1	D-SPL	PL	235* 9	1252		0.59	E	0.29	M	0.59				
1	D-SPL	PL	235* 9	2246		1.06	E	0.53	M	1.06				
1	D-SPL	PL	235* 9	2277		1.07	E	0.54	M	1.07				
1	D-SPL	PL	235* 9	1227		0.58	E	0.29	M	0.58				
144	D-SPL	TCB	M 22* 70			0.73	I	0.12	L	0.60				
J26-J27							E	1.65	H	1.70	I	0.12	L	0.60
							M	6.68						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL7 J27-J28														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	2791		1.31	H	0.66	M	1.31				
1	D-SPL-U	PL	235* 9	3665		1.72	H	0.86	M	1.72				
1	D-SPL	PL	235* 9	412		0.19	E	0.10	M	0.19				
2	D-SPL	PL	235* 9	2279		2.14	E	1.07	M	2.14				
1	D-SPL	PL	235* 9	1286		0.60	E	0.30	M	0.60				
128	D-SPL	TCB	M 22* 70			0.65	I	0.11	L	0.54				
J27-J28							E	1.47	H	1.52	I	0.11	L	0.54
							M	5.96						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL7 J28-J29														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	2730		1.28	H	0.64	M	1.28				
1	D-SPL-U	PL	235* 9	3704		1.74	H	0.87	M	1.74				
1	D-SPL	PL	235* 9	352		0.17	E	0.08	M	0.17				
2	D-SPL	PL	235* 9	2278		2.14	E	1.07	M	2.14				
1	D-SPL	PL	235* 9	1326		0.62	E	0.31	M	0.62				
132	D-SPL	TCB	M 22* 70			0.67	I	0.11	L	0.55				
J28-J29							E	1.46	H	1.51	I	0.11	L	0.55
							M	5.95						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL7 J29-J30													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	235* 9	2690		1.26	H	0.63	M	1.26			

Caluculation of Steel Primer

(Unit: mm, m²)

1	D-SPL-U	PL	235* 9	4685		2.20	H	1.10	M	2.20				
1	D-SPL-U	PL	235* 9	342		0.16	H	0.08	M	0.16				
2	D-SPL	PL	235* 9	312		0.29	E	0.15	M	0.29				
3	D-SPL	PL	235* 9	2278		3.21	E	1.61	M	3.21				
158	D-SPL	TCB	M 22* 70			0.80	I	0.14	L	0.66				
J29-J30							E	1.76	H	1.81	I	0.14	L	0.66
							M	7.12						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL7 J30-J31														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	3703		1.74	H	0.87	M	1.74				
1	D-SPL-U	PL	235* 9	3858		1.81	H	0.91	M	1.81				
1	D-SPL	PL	235* 9	1326		0.62	E	0.31	M	0.62				
2	D-SPL	PL	235* 9	2277		2.14	E	1.07	M	2.14				
1	D-SPL	PL	235* 9	1480		0.70	E	0.35	M	0.70				
152	D-SPL	TCB	M 22* 70			0.77	I	0.13	L	0.64				
J30-J31							E	1.73	H	1.78	I	0.13	L	0.64
							M	7.01						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL7 J31-J32														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	2700		1.27	H	0.63	M	1.27				
1	D-SPL-U	PL	235* 9	4723		2.22	H	1.11	M	2.22				
1	D-SPL-U	PL	235* 9	334		0.16	H	0.08	M	0.16				
1	D-SPL	PL	235* 9	307		0.14	E	0.07	M	0.14				
1	D-SPL	PL	235* 9	2294		1.08	E	0.54	M	1.08				
1	D-SPL	PL	235* 9	2309		1.09	E	0.54	M	1.09				
1	D-SPL	PL	235* 9	2284		1.07	E	0.54	M	1.07				
1	D-SPL	PL	235* 9	304		0.14	E	0.07	M	0.14				
158	D-SPL	TCB	M 22* 70			0.80	I	0.14	L	0.66				
J31-J32							E	1.76	H	1.82	I	0.14	L	0.66
							M	7.17						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL7 J32-GE2													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	E-SPL	PL	165* 9	185		0.12	F	0.06	M	0.12			
4	E-SPL	TCB	M 22* 65			0.02	J	0.02					
1	D-SPL-U	PL	235* 9	3784		1.78	H	0.89	M	1.78			

Calculation of Steel Primer

(Unit: mm, m²)

1	D-SPL-U	PL	235* 9	2015	0.95	H	0.47	M	0.95				
1	D-SPL-U	PL	215* 9	1225	0.53	H	0.26	M	0.53				
1	D-SPL	PL	235* 9	1429	0.67	F	0.34	M	0.67				
2	D-SPL	PL	235* 9	1955	1.84	F	0.92	M	1.84				
1	D-SPL	PL	215* 9	1195	0.51	F	0.26	M	0.51				
146	D-SPL	TCB	M 22* 70		0.74	J	0.13	L	0.61				
J32-GE2						F	1.58	H	1.62	J	0.15	L	0.61
						M	6.40						
JL7						E	50.85	F	3.43	H	55.90	I	3.93
						J	0.31	L	20.32	M	220.46		

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL8 GE1-J1														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
2	E-SPL	PL	165* 9	185		0.12	F	0.06	M	0.12				
4	E-SPL	TCB	M 22* 65			0.02	J	0.02						
1	D-SPL-U	PL	215* 9	1026		0.44	H	0.22	M	0.44				
1	D-SPL-U	PL	235* 9	4466		2.10	H	1.05	M	2.10				
1	D-SPL-U	PL	235* 9	2642		1.24	H	0.62	M	1.24				
1	D-SPL	PL	215* 9	996		0.43	F	0.21	M	0.43				
1	D-SPL	PL	235* 9	2092		0.98	F	0.49	M	0.98				
2	D-SPL	PL	235* 9	2244		2.11	F	1.05	M	2.11				
1	D-SPL	PL	235* 9	298		0.14	F	0.07	M	0.14				
172	D-SPL	TCB	M 22* 70			0.87	J	0.15	L	0.72				
GE1-J1							F	1.88	H	1.89	J	0.17	L	0.72
							M	7.56						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL8 J1-J2														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	3840		1.80	H	0.90	M	1.80				
1	D-SPL-U	PL	235* 9	3874		1.82	H	0.91	M	1.82				
1	D-SPL	PL	235* 9	1454		0.68	E	0.34	M	0.68				
2	D-SPL	PL	235* 9	2287		2.15	E	1.07	M	2.15				
1	D-SPL	PL	235* 9	1487		0.70	E	0.35	M	0.70				
152	D-SPL	TCB	M 22* 70			0.77	I	0.13	L	0.64				
J1-J2							E	1.76	H	1.81	I	0.13	L	0.64
							M	7.15						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL8 J2-J3														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	2696		1.27	H	0.63	M	1.27				
1	D-SPL-U	PL	235* 9	4703		2.21	H	1.11	M	2.21				
1	D-SPL-U	PL	235* 9	339		0.16	H	0.08	M	0.16				
2	D-SPL	PL	235* 9	309		0.29	E	0.15	M	0.29				
3	D-SPL	PL	235* 9	2887		4.07	E	2.04	M	4.07				
158	D-SPL	TCB	M 22* 70			0.80	I	0.14	L	0.66				
J2-J3							E	2.19	H	1.82	I	0.14	L	0.66
							M	8.00						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL8 J3-J4													
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Caluculation of Steel Primer

(Unit: mm, m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	3874		1.82	H	0.91	M	1.82				
1	D-SPL-U	PL	235* 9	3824		1.80	H	0.90	M	1.80				
1	D-SPL	PL	235* 9	1487		0.70	E	0.35	M	0.70				
2	D-SPL	PL	235* 9	2287		2.15	E	1.07	M	2.15				
1	D-SPL	PL	235* 9	1438		0.68	E	0.34	M	0.68				
152	D-SPL	TCB	M 22* 70			0.77	I	0.13	L	0.64				
J3-J4							E	1.76	H	1.81	I	0.13	L	0.64
							M	7.15						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL8 J4-J5														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	2746		1.29	H	0.65	M	1.29				
1	D-SPL-U	PL	235* 9	4703		2.21	H	1.11	M	2.21				
1	D-SPL-U	PL	235* 9	339		0.16	H	0.08	M	0.16				
1	D-SPL	PL	235* 9	359		0.17	E	0.08	M	0.17				
3	D-SPL	PL	235* 9	2287		3.22	E	1.61	M	3.22				
1	D-SPL	PL	235* 9	309		0.15	E	0.07	M	0.15				
158	D-SPL	TCB	M 22* 70			0.80	I	0.14	L	0.66				
J4-J5							E	1.76	H	1.84	I	0.14	L	0.66
							M	7.20						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL8 J5-J6														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
2	D-SPL-U	PL	235* 9	3874		3.64	H	1.82	M	3.64				
2	D-SPL	PL	235* 9	1487		1.40	E	0.70	M	1.40				
2	D-SPL	PL	235* 9	2287		2.15	E	1.07	M	2.15				
152	D-SPL	TCB	M 22* 70			0.77	I	0.13	L	0.64				
J5-J6							E	1.77	H	1.82	I	0.13	L	0.64
							M	7.19						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL8 J6-J7														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	2696		1.27	H	0.63	M	1.27				
1	D-SPL-U	PL	235* 9	4703		2.21	H	1.11	M	2.21				
1	D-SPL-U	PL	235* 9	339		0.16	H	0.08	M	0.16				
2	D-SPL	PL	235* 9	309		0.29	E	0.15	M	0.29				

Caluculation of Steel Primer

(Unit: mm, m²)

3	D-SPL	PL	235* 9	2287		3.22	E	1.61	M	3.22				
158	D-SPL	TCB	M 22* 70			0.80	I	0.14	L	0.66				
J6-J7							E	1.76	H	1.82	I	0.14	L	0.66
							M	7.15						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL8 J7-J8														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
2	D-SPL-U	PL	235* 9	3874		3.64	H	1.82	M	3.64				
2	D-SPL	PL	235* 9	1487		1.40	E	0.70	M	1.40				
2	D-SPL	PL	235* 9	2287		2.15	E	1.07	M	2.15				
152	D-SPL	TCB	M 22* 70			0.77	I	0.13	L	0.64				
J7-J8							E	1.77	H	1.82	I	0.13	L	0.64
							M	7.19						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL8 J8-J9														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	D-SPL-U	PL	235* 9	2646		1.24	H	0.62	M	1.24				
1	D-SPL-U	PL	235* 9	3787		1.78	H	0.89	M	1.78				
1	D-SPL	PL	235* 9	309		0.15	E	0.07	M	0.15				
2	D-SPL	PL	235* 9	2237		2.10	E	1.05	M	2.10				
1	D-SPL	PL	235* 9	1450		0.68	E	0.34	M	0.68				
132	D-SPL	TCB	M 22* 70			0.67	I	0.11	L	0.55				
J8-J9							E	1.46	H	1.51	I	0.11	L	0.55
							M	5.95						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL8 J9-J10														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	D-SPL-U	PL	235* 9	2569		1.21	H	0.60	M	1.21				
1	D-SPL-U	PL	235* 9	2745		1.29	H	0.65	M	1.29				
1	D-SPL	PL	235* 9	297		0.14	E	0.07	M	0.14				
1	D-SPL	PL	235* 9	2173		1.02	E	0.51	M	1.02				
1	D-SPL	PL	235* 9	2339		1.10	E	0.55	M	1.10				
1	D-SPL	PL	235* 9	306		0.14	E	0.07	M	0.14				
116	D-SPL	TCB	M 22* 70			0.59	I	0.10	L	0.49				
J9-J10							E	1.20	H	1.25	I	0.10	L	0.49
							M	4.90						

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL8 J10-J11														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	3852		1.81	H	0.91	M	1.81				
1	D-SPL-U	PL	235* 9	2689		1.26	H	0.63	M	1.26				
1	D-SPL	PL	235* 9	1478		0.69	E	0.35	M	0.69				
2	D-SPL	PL	235* 9	2274		2.14	E	1.07	M	2.14				
1	D-SPL	PL	235* 9	315		0.15	E	0.07	M	0.15				
132	D-SPL	TCB	M 22* 70			0.67	I	0.11	L	0.55				
J10-J11							E	1.49	H	1.54	I	0.11	L	0.55
							M	6.05						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL8 J11-J12														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
2	D-SPL-U	PL	235* 9	3917		3.68	H	1.84	M	3.68				
2	D-SPL	PL	235* 9	1506		1.42	E	0.71	M	1.42				
2	D-SPL	PL	235* 9	2311		2.17	E	1.09	M	2.17				
152	D-SPL	TCB	M 22* 70			0.77	I	0.13	L	0.64				
J11-J12							E	1.80	H	1.84	I	0.13	L	0.64
							M	7.27						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL8 J12-J13														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	2727		1.28	H	0.64	M	1.28				
1	D-SPL-U	PL	235* 9	4753		2.23	H	1.12	M	2.23				
1	D-SPL-U	PL	235* 9	345		0.16	H	0.08	M	0.16				
2	D-SPL	PL	235* 9	315		0.30	E	0.15	M	0.30				
3	D-SPL	PL	235* 9	2311		3.26	E	1.63	M	3.26				
158	D-SPL	TCB	M 22* 70			0.80	I	0.14	L	0.66				
J12-J13							E	1.78	H	1.84	I	0.14	L	0.66
							M	7.23						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL8 J13-J14													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	235* 9	3917		1.84	H	0.92	M	1.84			
1	D-SPL-U	PL	235* 9	2727		1.28	H	0.64	M	1.28			
1	D-SPL	PL	235* 9	1506		0.71	E	0.35	M	0.71			
2	D-SPL	PL	235* 9	315		0.30	E	0.15	M	0.30			

Caluculation of Steel Primer

(Unit: mm, m²)

1	D-SPL	PL	235* 9	2311		1.09	E	0.54	M	1.09					
132	D-SPL	TCB	M 22* 70			0.67	I	0.11	L	0.55					
J13-J14								E	1.04	H	1.56	I	0.11	L	0.55
								M	5.22						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL8 J14-J15															
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks	
1	D-SPL-U	PL	235* 9	3917		1.84	H	0.92	M	1.84					
1	D-SPL-U	PL	235* 9	3920		1.84	H	0.92	M	1.84					
1	D-SPL	PL	235* 9	1506		0.71	E	0.35	M	0.71					
2	D-SPL	PL	235* 9	2311		2.17	E	1.09	M	2.17					
1	D-SPL	PL	235* 9	1508		0.71	E	0.35	M	0.71					
156	D-SPL	TCB	M 22* 70			0.79	I	0.13	L	0.66					
J14-J15								E	1.79	H	1.84	I	0.13	L	0.66
								M	7.27						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL8 J15-J16															
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks	
1	D-SPL-U	PL	235* 9	2731		1.28	H	0.64	M	1.28					
1	D-SPL-U	PL	235* 9	4163		1.96	H	0.98	M	1.96					
1	D-SPL	PL	235* 9	316		0.15	E	0.07	M	0.15					
1	D-SPL	PL	235* 9	2315		1.09	E	0.54	M	1.09					
1	D-SPL	PL	235* 9	2549		1.20	E	0.60	M	1.20					
1	D-SPL	PL	235* 9	1514		0.71	E	0.36	M	0.71					
144	D-SPL	TCB	M 22* 70			0.73	I	0.12	L	0.60					
J15-J16								E	1.57	H	1.62	I	0.12	L	0.60
								M	6.39						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL8 J16-J17															
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks	
1	D-SPL-U	PL	235* 9	2740		1.29	H	0.64	M	1.29					
1	D-SPL-U	PL	235* 9	4474		2.10	H	1.05	M	2.10					
1	D-SPL-U	PL	235* 9	348		0.16	H	0.08	M	0.16					
2	D-SPL	PL	235* 9	318		0.30	E	0.15	M	0.30					
3	D-SPL	PL	235* 9	2322		3.27	E	1.64	M	3.27					
158	D-SPL	TCB	M 22* 70			0.80	I	0.14	L	0.66					
J16-J17								E	1.79	H	1.77	I	0.14	L	0.66

Caluculation of Steel Primer

(Unit: mm, m²)

	M	7.12							
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APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL8 J17-J18													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
1	D-SPL-U	PL	235* 9	3937		1.85	H	0.93	M	1.85			
1	D-SPL-U	PL	235* 9	3863		1.82	H	0.91	M	1.82			
1	D-SPL	PL	235* 9	1514		0.71	E	0.36	M	0.71			
2	D-SPL	PL	235* 9	2323		2.18	E	1.09	M	2.18			
1	D-SPL	PL	235* 9	1440		0.68	E	0.34	M	0.68			
156	D-SPL	TCB	M 22* 70			0.79	I	0.13	L	0.66			
J17-J18						E	1.79	H	1.84	I	0.13	L	0.66
						M	7.24						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL8 J18-J19													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
1	D-SPL-U	PL	235* 9	2629		1.24	H	0.62	M	1.24			
1	D-SPL-U	PL	235* 9	3549		1.67	H	0.83	M	1.67			
1	D-SPL	PL	235* 9	243		0.11	E	0.06	M	0.11			
2	D-SPL	PL	235* 9	2286		2.15	E	1.07	M	2.15			
1	D-SPL	PL	235* 9	1163		0.55	E	0.27	M	0.55			
124	D-SPL	TCB	M 22* 70			0.63	I	0.11	L	0.52			
J18-J19						E	1.40	H	1.45	I	0.11	L	0.52
						M	5.72						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL8 J19-J20													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
1	D-SPL-U	PL	235* 9	2640		1.24	H	0.62	M	1.24			
1	D-SPL-U	PL	235* 9	2890		1.36	H	0.68	M	1.36			
1	D-SPL	PL	235* 9	484		0.23	E	0.11	M	0.23			
1	D-SPL	PL	235* 9	2056		0.97	E	0.48	M	0.97			
1	D-SPL	PL	235* 9	2380		1.12	E	0.56	M	1.12			
1	D-SPL	PL	235* 9	410		0.19	E	0.10	M	0.19			
112	D-SPL	TCB	M 22* 70			0.57	I	0.10	L	0.47			
J19-J20						E	1.25	H	1.30	I	0.10	L	0.47
						M	5.11						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL8 J20-J21												

Caluculation of Steel Primer

(Unit: mm, m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	3350		1.57	H	0.79	M	1.57				
1	D-SPL-U	PL	235* 9	2556		1.20	H	0.60	M	1.20				
1	D-SPL	PL	235* 9	1100		0.52	E	0.26	M	0.52				
2	D-SPL	PL	235* 9	2150		2.02	E	1.01	M	2.02				
1	D-SPL	PL	235* 9	306		0.14	E	0.07	M	0.14				
128	D-SPL	TCB	M 22* 70			0.65	I	0.11	L	0.54				
J20-J21							E	1.34	H	1.39	I	0.11	L	0.54
							M	5.45						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL8 J21-J22														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	3854		1.81	H	0.91	M	1.81				
1	D-SPL-U	PL	235* 9	2447		1.15	H	0.58	M	1.15				
1	D-SPL	PL	235* 9	1479		0.70	E	0.35	M	0.70				
1	D-SPL	PL	235* 9	2275		1.07	E	0.53	M	1.07				
1	D-SPL	PL	235* 9	2042		0.96	E	0.48	M	0.96				
1	D-SPL	PL	235* 9	305		0.14	E	0.07	M	0.14				
128	D-SPL	TCB	M 22* 70			0.65	I	0.11	L	0.54				
J21-J22							E	1.43	H	1.49	I	0.11	L	0.54
							M	5.83						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL8 J22-J23														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
2	D-SPL-U	PL	235* 9	3844		3.61	H	1.81	M	3.61				
2	D-SPL	PL	235* 9	1474		1.39	E	0.69	M	1.39				
2	D-SPL	PL	235* 9	2269		2.13	E	1.07	M	2.13				
152	D-SPL	TCB	M 22* 70			0.77	I	0.13	L	0.64				
J22-J23							E	1.76	H	1.81	I	0.13	L	0.64
							M	7.13						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL8 J23-J24														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	2674		1.26	H	0.63	M	1.26				
1	D-SPL-U	PL	235* 9	4668		2.19	H	1.10	M	2.19				
1	D-SPL-U	PL	235* 9	335		0.16	H	0.08	M	0.16				
2	D-SPL	PL	235* 9	305		0.29	E	0.14	M	0.29				
3	D-SPL	PL	235* 9	2269		3.20	E	1.60	M	3.20				

Caluculation of Steel Primer

(Unit: mm, m²)

158	D-SPL	TCB	M 22* 70			0.80	I	0.14	L	0.66				
J23-J24							E	1.74	H	1.81	I	0.14	L	0.66
							M	7.10						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL8 J24-J25														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	3844		1.81	H	0.90	M	1.81				
1	D-SPL-U	PL	235* 9	3689		1.73	H	0.87	M	1.73				
1	D-SPL	PL	235* 9	1474		0.69	E	0.35	M	0.69				
2	D-SPL	PL	235* 9	2269		2.13	E	1.07	M	2.13				
1	D-SPL	PL	235* 9	1320		0.62	E	0.31	M	0.62				
152	D-SPL	TCB	M 22* 70			0.77	I	0.13	L	0.64				
J24-J25							E	1.73	H	1.77	I	0.13	L	0.64
							M	6.98						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL8 J25-J26														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	2679		1.26	H	0.63	M	1.26				
1	D-SPL-U	PL	235* 9	4515		2.12	H	1.06	M	2.12				
1	D-SPL-U	PL	235* 9	376		0.18	H	0.09	M	0.18				
1	D-SPL	PL	235* 9	310		0.15	E	0.07	M	0.15				
1	D-SPL	PL	235* 9	2269		1.07	E	0.53	M	1.07				
1	D-SPL	PL	235* 9	2166		1.02	E	0.51	M	1.02				
1	D-SPL	PL	235* 9	2219		1.04	E	0.52	M	1.04				
1	D-SPL	PL	235* 9	346		0.16	E	0.08	M	0.16				
158	D-SPL	TCB	M 22* 70			0.80	I	0.14	L	0.66				
J25-J26							E	1.71	H	1.78	I	0.14	L	0.66
							M	7.00						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL8 J26-J27													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	235* 9	3553		1.67	H	0.83	M	1.67			
1	D-SPL-U	PL	235* 9	3602		1.69	H	0.85	M	1.69			
1	D-SPL	PL	235* 9	1233		0.58	E	0.29	M	0.58			
1	D-SPL	PL	235* 9	2220		1.04	E	0.52	M	1.04			
1	D-SPL	PL	235* 9	2275		1.07	E	0.53	M	1.07			
1	D-SPL	PL	235* 9	1227		0.58	E	0.29	M	0.58			
144	D-SPL	TCB	M 22* 70			0.73	I	0.12	L	0.60			

Calculation of Steel Primer

(Unit: mm, m²)

J26-J27										E	1.63	H	1.68	I	0.12	L	0.60	
										M	6.63							

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL8 J27-J28																		
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks					
1	D-SPL-U	PL	235* 9	2791		1.31	H	0.66	M	1.31								
1	D-SPL-U	PL	235* 9	3665		1.72	H	0.86	M	1.72								
1	D-SPL	PL	235* 9	412		0.19	E	0.10	M	0.19								
2	D-SPL	PL	235* 9	2279		2.14	E	1.07	M	2.14								
1	D-SPL	PL	235* 9	1286		0.60	E	0.30	M	0.60								
128	D-SPL	TCB	M 22* 70			0.65	I	0.11	L	0.54								
J27-J28										E	1.47	H	1.52	I	0.11	L	0.54	
										M	5.96							

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL8 J28-J29																		
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks					
1	D-SPL-U	PL	235* 9	2730		1.28	H	0.64	M	1.28								
1	D-SPL-U	PL	235* 9	3704		1.74	H	0.87	M	1.74								
1	D-SPL	PL	235* 9	352		0.17	E	0.08	M	0.17								
2	D-SPL	PL	235* 9	2278		2.14	E	1.07	M	2.14								
1	D-SPL	PL	235* 9	1326		0.62	E	0.31	M	0.62								
132	D-SPL	TCB	M 22* 70			0.67	I	0.11	L	0.55								
J28-J29										E	1.46	H	1.51	I	0.11	L	0.55	
										M	5.95							

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL8 J29-J30																		
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks					
1	D-SPL-U	PL	235* 9	2690		1.26	H	0.63	M	1.26								
1	D-SPL-U	PL	235* 9	4685		2.20	H	1.10	M	2.20								
1	D-SPL-U	PL	235* 9	342		0.16	H	0.08	M	0.16								
2	D-SPL	PL	235* 9	312		0.29	E	0.15	M	0.29								
3	D-SPL	PL	235* 9	2278		3.21	E	1.61	M	3.21								
158	D-SPL	TCB	M 22* 70			0.80	I	0.14	L	0.66								
J29-J30										E	1.76	H	1.81	I	0.14	L	0.66	
										M	7.12							

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL8 J30-J31																		
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Caluculation of Steel Primer

(Unit: mm, m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	3703		1.74	H	0.87	M	1.74				
1	D-SPL-U	PL	235* 9	3858		1.81	H	0.91	M	1.81				
1	D-SPL	PL	235* 9	1326		0.62	E	0.31	M	0.62				
2	D-SPL	PL	235* 9	2277		2.14	E	1.07	M	2.14				
1	D-SPL	PL	235* 9	1480		0.70	E	0.35	M	0.70				
152	D-SPL	TCB	M 22* 70			0.77	I	0.13	L	0.64				
J30-J31							E	1.73	H	1.78	I	0.13	L	0.64
							M	7.01						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL8 J31-J32														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	235* 9	2714		1.28	H	0.64	M	1.28				
1	D-SPL-U	PL	235* 9	4775		2.24	H	1.12	M	2.24				
1	D-SPL-U	PL	235* 9	340		0.16	H	0.08	M	0.16				
1	D-SPL	PL	235* 9	307		0.14	E	0.07	M	0.14				
1	D-SPL	PL	235* 9	2307		1.08	E	0.54	M	1.08				
1	D-SPL	PL	235* 9	2336		1.10	E	0.55	M	1.10				
1	D-SPL	PL	235* 9	2310		1.09	E	0.54	M	1.09				
1	D-SPL	PL	235* 9	310		0.15	E	0.07	M	0.15				
162	D-SPL	TCB	M 22* 70			0.82	I	0.14	L	0.68				
J31-J32							E	1.77	H	1.84	I	0.14	L	0.68
							M	7.24						

APPROACH BRIDGE DECK PL LONGITUDINAL SPLICE JL8 J32-GE2														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
2	E-SPL	PL	165* 9	185		0.12	F	0.06	M	0.12				
4	E-SPL	TCB	M 22* 65			0.02	J	0.02						
1	D-SPL-U	PL	235* 9	3754		1.76	H	0.88	M	1.76				
1	D-SPL-U	PL	235* 9	2315		1.09	H	0.54	M	1.09				
1	D-SPL-U	PL	215* 9	925		0.40	H	0.20	M	0.40				
1	D-SPL	PL	235* 9	1399		0.66	F	0.33	M	0.66				
2	D-SPL	PL	235* 9	2255		2.12	F	1.06	M	2.12				
1	D-SPL	PL	215* 9	895		0.38	F	0.19	M	0.38				
146	D-SPL	TCB	M 22* 70			0.74	J	0.13	L	0.61				
J32-GE2							F	1.64	H	1.62	J	0.15	L	0.61
							M	6.53						

Caluculation of Steel Primer

(Unit: mm,m²)

JL8	E	50.66	F	3.52	H	55.80	I	3.88	
	J	0.32	L	20.23	M	219.99			
DECK PL LONGITUDINAL SPLICE	E	459.01	F	34.77	H	508.47	I	35.37	
	J	3.12	L	185.46	M	2005.24			
APPROACH BRIDGE	E	459.01	F	34.77	H	508.47	I	35.37	
	J	3.12	L	185.46	M	2005.24			

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J1 LL1-JL1														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	470* 9	970		0.91	H	0.46	M	0.91				
1	D-SPL-U	PL	470* 9	305		0.29	H	0.14	M	0.29				
1	D-SPL	PL	470* 14	270		0.25	E	0.13	M	0.25				
2	D-SPL	PL	470* 14	250		0.47	E	0.24	M	0.47				
1	D-SPL	PL	470* 14	245		0.23	E	0.12	M	0.23				
66	D-SPL	TCB	M 22* 75			0.33	I	0.06	L	0.28				
1	ST-SPL	PL	255* 9	320		0.16	E	0.08	M	0.16				
1	ST-SPL	PL	335* 16	320		0.21	E	0.11	M	0.21				
12	ST-SPL	TCB	M 22* 70			0.06	I	0.06						
2	ST-SPL	PL	80* 9	320		0.10	E	0.05	M	0.10				
4	ST-SPL	TCB	M 22* 65			0.02	I	0.02						
6	PR-SPL	PL	175* 18	620		1.30	E	0.65	M	1.30				
48	PR-SPL	TCB	M 22* 95			0.24	I	0.24						
LL1-JL1							E	1.38	H	0.60	I	0.38	L	0.28
							M	3.92						

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J1 JL1-JL2														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	470* 9	2975		2.80	H	1.40	M	2.80				
1	D-SPL	PL	470* 14	223		0.21	G	0.10	M	0.21				
5	D-SPL	PL	470* 14	230		1.08	G	0.54	M	1.08				
4	D-SPL	PL	470* 14	80		0.30	G	0.15	M	0.30				
1	D-SPL	PL	470* 14	155		0.15	G	0.07	M	0.15				
48	D-SPL	TCB	M 22* 75			0.24	K	0.04	L	0.20				
96	D-SPL	HTB	M 22* 80			0.64	K	0.24	L	0.40				
10	UR-SPL-I	PL	155* 10	320		0.99	G	0.50	M	0.99				
40	UR-SPL-I	TCB	M 22* 65			0.20	K	0.20						
5	COV	PL	120* 6	460		0.55								
5	COV-I	RB	13 ϕ	280		0.06	C	0.06						
40	COV	BN	M 12* 35			0.06							1-W,HDG	
JL1-JL2							C	0.06	G	1.36	H	1.40	K	0.48
							L	0.60	M	5.53				

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J1 JL2-JL3													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	470* 9	980		0.92	H	0.46	M	0.92			
2	D-SPL-U	PL	470* 9	305		0.57	H	0.29	M	0.57			

Caluculation of Steel Primer

(Unit: mm,m²)

2	D-SPL	PL	470* 14	245	0.46	E	0.23	M	0.46				
2	D-SPL	PL	470* 14	230	0.43	E	0.22	M	0.43				
2	D-SPL	PL	470* 14	80	0.15	E	0.08	M	0.15				
36	D-SPL	TCB	M 22* 75		0.18	I	0.03	L	0.15				
36	D-SPL	HTB	M 22* 80		0.24	I	0.09	L	0.15				
4	UR-SPL-O	PL	155* 10	320	0.40	E	0.10	G	0.10	M	0.40		
16	UR-SPL-O	TCB	M 22* 65		0.08	I	0.07	K	0.01				
2	COV	PL	120* 6	460	0.22								
2	COV-O	RB	13 ϕ	280	0.02	A	0.02						
16	COV	BN	M 12* 35		0.02								1-W,HDG
2	PR-SPL	PL	175* 18	620	0.43	E	0.22	M	0.43				
16	PR-SPL	TCB	M 22* 95		0.08	I	0.08						
JL2-JL3						A	0.02	E	0.85	G	0.10	H	0.75
JL2-JL3						I	0.27	K	0.01	L	0.30	M	3.36

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J1 JL3-JL4													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	470* 9	2690	2.53	H	1.26	M	2.53				
2	D-SPL	PL	470* 14	155	0.29	G	0.15	M	0.29				
7	D-SPL	PL	470* 14	230	1.51	G	0.76	M	1.51				
78	D-SPL	TCB	M 22* 75		0.39	K	0.07	L	0.33				
72	D-SPL	HTB	M 22* 80		0.48	K	0.18	L	0.30				
8	UR-SPL-I	PL	155* 10	320	0.79	G	0.40	M	0.79				
32	UR-SPL-I	TCB	M 22* 65		0.16	K	0.16						
4	COV	PL	120* 6	460	0.44								
4	COV-I	RB	13 ϕ	280	0.05	C	0.05						
32	COV	BN	M 12* 35		0.04								1-W,HDG
JL3-JL4						C	0.05	G	1.31	H	1.26	K	0.41
JL3-JL4						L	0.63	M	5.12				

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J1 JL4-JL5													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	470* 9	2630	2.47	H	1.24	M	2.47				
2	D-SPL-U	PL	470* 9	305	0.57	H	0.29	M	0.57				
2	D-SPL	PL	470* 14	245	0.46	E	0.23	M	0.46				
4	D-SPL	PL	470* 14	230	0.86	E	0.43	M	0.86				
4	D-SPL	PL	470* 14	280	1.05	E	0.53	M	1.05				
132	D-SPL	TCB	M 22* 75		0.67	I	0.11	L	0.55				
36	D-SPL	HTB	M 22* 80		0.24	I	0.09	L	0.15				
4	UR-SPL-O	PL	155* 10	320	0.40	E	0.10	G	0.10	M	0.40		

Caluculation of Steel Primer

(Unit: mm, m²)

16	UR-SPL-O	TCB	M 22* 65			0.08	I	0.07	K	0.01						
2	COV	PL	120* 6	460		0.22										
2	COV-O	RB	13 φ	280		0.02	A	0.02								
16	COV	BN	M 12* 35			0.02										1-W,HDG
10	PR-SPL	PL	175* 18	620		2.17	E	1.09	M	2.17						
80	PR-SPL	TCB	M 22* 95			0.40	I	0.40								
JL4-JL5							A	0.02	E	2.38	G	0.10	H	1.53		
							I	0.67	K	0.01	L	0.70	M	7.98		

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J1 JL5-JL6																	
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area										Remarks
1	D-SPL-U	PL	470* 9	2690		2.53	H	1.26	M	2.53							
2	D-SPL	PL	470* 14	155		0.29	G	0.15	M	0.29							
7	D-SPL	PL	470* 14	230		1.51	G	0.76	M	1.51							
78	D-SPL	TCB	M 22* 75			0.39	K	0.07	L	0.33							
72	D-SPL	HTB	M 22* 80			0.48	K	0.18	L	0.30							
8	UR-SPL-I	PL	155* 10	320		0.79	G	0.40	M	0.79							
32	UR-SPL-I	TCB	M 22* 65			0.16	K	0.16									
4	COV	PL	120* 6	460		0.44											
4	COV-I	RB	13 φ	280		0.05	C	0.05									
32	COV	BN	M 12* 35			0.04										1-W,HDG	
JL5-JL6							C	0.05	G	1.31	H	1.26	K	0.41			
							L	0.63	M	5.12							

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J1 JL6-JL6A																	
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area										Remarks
1	D-SPL-U	PL	470* 9	305		0.29	H	0.14	M	0.29							
1	D-SPL-U	PL	470* 9	1570		1.48	H	0.74	M	1.48							
1	D-SPL-U	PL	470* 9	290		0.27	H	0.14	M	0.27							
1	D-SPL	PL	470* 14	245		0.23	E	0.12	M	0.23							
6	D-SPL	PL	470* 14	230		1.30	E	0.65	M	1.30							
60	D-SPL	TCB	M 22* 75			0.30	I	0.05	L	0.25							
54	D-SPL	HTB	M 22* 80			0.36	I	0.14	L	0.22							
6	UR-SPL-O	PL	155* 10	320		0.60	E	0.15	G	0.15	M	0.60					
24	UR-SPL-O	TCB	M 22* 65			0.12	I	0.10	K	0.02							
3	COV	PL	120* 6	460		0.33											
3	COV-O	RB	13 φ	280		0.03	A	0.03									
24	COV	BN	M 12* 35			0.03										1-W,HDG	
JL6-JL6A							A	0.03	E	0.92	G	0.15	H	1.02			

Caluculation of Steel Primer

(Unit: mm, m²)

	I	0.29	K	0.02	L	0.47	M	4.17	
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APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J1 JL6A-JL6B														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
1	D-SPL-U	PL	470* 9	1570		1.48	H	0.74	M	1.48				
5	D-SPL	PL	470* 14	230		1.08	E	0.54	M	1.08				
36	D-SPL	TCB	M 22* 75			0.18	I	0.03	L	0.15				
54	D-SPL	HTB	M 22* 80			0.36	I	0.14	L	0.22				
6	UR-SPL-O	PL	155* 10	320		0.60	E	0.15	G	0.15	M	0.60		
24	UR-SPL-O	TCB	M 22* 65			0.12	I	0.10	K	0.02				
3	COV	PL	120* 6	460		0.33								
3	COV-O	RB	13 φ	280		0.03	A	0.03						
24	COV	BN	M 12* 35			0.03						1-W,HDG		
JL6A-JL6B							A	0.03	E	0.69	G	0.15	H	0.74
JL6A-JL6B							I	0.27	K	0.02	L	0.37	M	3.16

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J1 JL6B-JL6C														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
1	D-SPL-U	PL	470* 9	290		0.27	H	0.14	M	0.27				
1	D-SPL-U	PL	470* 9	1570		1.48	H	0.74	M	1.48				
6	D-SPL	PL	470* 14	230		1.30	E	0.65	M	1.30				
48	D-SPL	TCB	M 22* 75			0.24	I	0.04	L	0.20				
54	D-SPL	HTB	M 22* 80			0.36	I	0.14	L	0.22				
6	UR-SPL-O	PL	155* 10	320		0.60	E	0.15	G	0.15	M	0.60		
24	UR-SPL-O	TCB	M 22* 65			0.12	I	0.10	K	0.02				
3	COV	PL	120* 6	460		0.33								
3	COV-O	RB	13 φ	280		0.03	A	0.03						
24	COV	BN	M 12* 35			0.03						1-W,HDG		
JL6B-JL6C							A	0.03	E	0.80	G	0.15	H	0.88
JL6B-JL6C							I	0.28	K	0.02	L	0.42	M	3.65

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J1 JL6C-JL7												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	D-SPL-U	PL	470* 9	290		0.27	H	0.14	M	0.27		
1	D-SPL-U	PL	470* 9	1393		1.31	H	0.65	M	1.31		
1	D-SPL-U	PL	470* 9	305		0.29	H	0.14	M	0.29		
5	D-SPL	PL	470* 14	230		1.08	E	0.54	M	1.08		
1	D-SPL	PL	470* 14	80		0.08	E	0.04	M	0.08		
1	D-SPL	PL	470* 14	245		0.23	E	0.12	M	0.23		

Caluculation of Steel Primer

(Unit: mm, m²)

66	D-SPL	TCB	M 22* 75			0.33	I	0.06	L	0.28						
36	D-SPL	HTB	M 22* 80			0.24	I	0.09	L	0.15						
4	UR-SPL-O	PL	155* 10	320		0.40	E	0.10	G	0.10	M	0.40				
16	UR-SPL-O	TCB	M 22* 65			0.08	I	0.07	K	0.01						
2	COV	PL	120* 6	460		0.22										
2	COV-O	RB	13 φ	280		0.02	A	0.02								
16	COV	BN	M 12* 35			0.02										1-W,HDG
4	PR-SPL	PL	175* 18	620		0.87	E	0.43	M	0.87						
32	PR-SPL	TCB	M 22* 95			0.16	I	0.16								
							A	0.02	E	1.23	G	0.10	H	0.93		
JL6C-JL7							I	0.38	K	0.01	L	0.43	M	4.53		

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J1 JL7-JL8																
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks		
1	D-SPL-U	PL	470* 9	2975		2.80	H	1.40	M	2.80						
1	D-SPL	PL	470* 14	223		0.21	G	0.10	M	0.21						
5	D-SPL	PL	470* 14	230		1.08	G	0.54	M	1.08						
4	D-SPL	PL	470* 14	80		0.30	G	0.15	M	0.30						
1	D-SPL	PL	470* 14	155		0.15	G	0.07	M	0.15						
48	D-SPL	TCB	M 22* 75			0.24	K	0.04	L	0.20						
96	D-SPL	HTB	M 22* 80			0.64	K	0.24	L	0.40						
10	UR-SPL-I	PL	155* 10	320		0.99	G	0.50	M	0.99						
40	UR-SPL-I	TCB	M 22* 65			0.20	K	0.20								
5	COV	PL	120* 6	460		0.55										
5	COV-I	RB	13 φ	280		0.06	C	0.06								
40	COV	BN	M 12* 35			0.06										1-W,HDG
							C	0.06	G	1.36	H	1.40	K	0.48		
JL7-JL8							L	0.60	M	5.53						

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J1 JL8-RR1																
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks		
1	D-SPL-U	PL	470* 9	970		0.91	H	0.46	M	0.91						
1	D-SPL-U	PL	470* 9	305		0.29	H	0.14	M	0.29						
1	D-SPL	PL	470* 14	270		0.25	E	0.13	M	0.25						
2	D-SPL	PL	470* 14	250		0.47	E	0.24	M	0.47						
1	D-SPL	PL	470* 14	245		0.23	E	0.12	M	0.23						
66	D-SPL	TCB	M 22* 75			0.33	I	0.06	L	0.28						
1	ST-SPL	PL	255* 9	320		0.16	E	0.08	M	0.16						
1	ST-SPL	PL	335* 16	320		0.21	E	0.11	M	0.21						
12	ST-SPL	TCB	M 22* 70			0.06	I	0.06								

Caluculation of Steel Primer

(Unit: mm,m²)

2	ST-SPL	PL	80* 9	320	0.10	E	0.05	M	0.10				
4	ST-SPL	TCB	M 22* 65		0.02	I	0.02						
6	PR-SPL	PL	175* 18	620	1.30	E	0.65	M	1.30				
48	PR-SPL	TCB	M 22* 95		0.24	I	0.24						
JL8-RR1						E	1.38	H	0.60	I	0.38	L	0.28
						M	3.92						
J1						A	0.15	C	0.22	E	9.63	G	6.09
						H	12.37	I	2.92	K	1.87	L	5.71
						M	55.99						

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J2 LL1-JL1														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	470* 9	970		0.91	H	0.46	M	0.91				
1	D-SPL-U	PL	470* 9	305		0.29	H	0.14	M	0.29				
1	D-SPL	PL	470* 14	270		0.25	E	0.13	M	0.25				
2	D-SPL	PL	470* 14	250		0.47	E	0.24	M	0.47				
1	D-SPL	PL	470* 14	245		0.23	E	0.12	M	0.23				
66	D-SPL	TCB	M 22* 75			0.33	I	0.06	L	0.28				
1	ST-SPL	PL	255* 9	320		0.16	E	0.08	M	0.16				
1	ST-SPL	PL	335* 16	320		0.21	E	0.11	M	0.21				
12	ST-SPL	TCB	M 22* 70			0.06	I	0.06						
2	ST-SPL	PL	80* 9	320		0.10	E	0.05	M	0.10				
4	ST-SPL	TCB	M 22* 65			0.02	I	0.02						
6	PR-SPL	PL	175* 18	620		1.30	E	0.65	M	1.30				
48	PR-SPL	TCB	M 22* 95			0.24	I	0.24						
LL1-JL1							E	1.38	H	0.60	I	0.38	L	0.28
							M	3.92						

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J2 JL1-JL2														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	470* 9	2975		2.80	H	1.40	M	2.80				
1	D-SPL	PL	470* 14	223		0.21	G	0.10	M	0.21				
5	D-SPL	PL	470* 14	230		1.08	G	0.54	M	1.08				
4	D-SPL	PL	470* 14	80		0.30	G	0.15	M	0.30				
1	D-SPL	PL	470* 14	155		0.15	G	0.07	M	0.15				
48	D-SPL	TCB	M 22* 75			0.24	K	0.04	L	0.20				
96	D-SPL	HTB	M 22* 80			0.64	K	0.24	L	0.40				
10	UR-SPL-I	PL	155* 10	320		0.99	G	0.50	M	0.99				
40	UR-SPL-I	TCB	M 22* 65			0.20	K	0.20						
5	COV	PL	120* 6	460		0.55								
5	COV-I	RB	13 ϕ	280		0.06	C	0.06						
40	COV	BN	M 12* 35			0.06							1-W,HDG	
JL1-JL2							C	0.06	G	1.36	H	1.40	K	0.48
							L	0.60	M	5.53				

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J2 JL2-JL3													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	470* 9	980		0.92	H	0.46	M	0.92			
2	D-SPL-U	PL	470* 9	305		0.57	H	0.29	M	0.57			

Caluculation of Steel Primer

(Unit: mm,m²)

2	D-SPL	PL	470* 14	245	0.46	E	0.23	M	0.46				
2	D-SPL	PL	470* 14	230	0.43	E	0.22	M	0.43				
2	D-SPL	PL	470* 14	80	0.15	E	0.08	M	0.15				
36	D-SPL	TCB	M 22* 75		0.18	I	0.03	L	0.15				
36	D-SPL	HTB	M 22* 80		0.24	I	0.09	L	0.15				
4	UR-SPL-O	PL	155* 10	320	0.40	E	0.10	G	0.10	M	0.40		
16	UR-SPL-O	TCB	M 22* 65		0.08	I	0.07	K	0.01				
2	COV	PL	120* 6	460	0.22								
2	COV-O	RB	13 ϕ	280	0.02	A	0.02						
16	COV	BN	M 12* 35		0.02								1-W,HDG
2	PR-SPL	PL	175* 18	620	0.43	E	0.22	M	0.43				
16	PR-SPL	TCB	M 22* 95		0.08	I	0.08						
JL2-JL3						A	0.02	E	0.85	G	0.10	H	0.75
JL2-JL3						I	0.27	K	0.01	L	0.30	M	3.36

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J2 JL3-JL4													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	470* 9	2690	2.53	H	1.26	M	2.53				
2	D-SPL	PL	470* 14	155	0.29	G	0.15	M	0.29				
7	D-SPL	PL	470* 14	230	1.51	G	0.76	M	1.51				
78	D-SPL	TCB	M 22* 75		0.39	K	0.07	L	0.33				
72	D-SPL	HTB	M 22* 80		0.48	K	0.18	L	0.30				
8	UR-SPL-I	PL	155* 10	320	0.79	G	0.40	M	0.79				
32	UR-SPL-I	TCB	M 22* 65		0.16	K	0.16						
4	COV	PL	120* 6	460	0.44								
4	COV-I	RB	13 ϕ	280	0.05	C	0.05						
32	COV	BN	M 12* 35		0.04								1-W,HDG
JL3-JL4						C	0.05	G	1.31	H	1.26	K	0.41
JL3-JL4						L	0.63	M	5.12				

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J2 JL4-JL5													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	470* 9	2630	2.47	H	1.24	M	2.47				
2	D-SPL-U	PL	470* 9	305	0.57	H	0.29	M	0.57				
2	D-SPL	PL	470* 14	245	0.46	E	0.23	M	0.46				
4	D-SPL	PL	470* 14	230	0.86	E	0.43	M	0.86				
4	D-SPL	PL	470* 14	280	1.05	E	0.53	M	1.05				
132	D-SPL	TCB	M 22* 75		0.67	I	0.11	L	0.55				
36	D-SPL	HTB	M 22* 80		0.24	I	0.09	L	0.15				
4	UR-SPL-O	PL	155* 10	320	0.40	E	0.10	G	0.10	M	0.40		

Caluculation of Steel Primer

(Unit: mm, m²)

16	UR-SPL-O	TCB	M 22* 65			0.08	I	0.07	K	0.01					
2	COV	PL	120* 6	460		0.22									
2	COV-O	RB	13 φ	280		0.02	A	0.02							
16	COV	BN	M 12* 35			0.02									1-W,HDG
10	PR-SPL	PL	175* 18	620		2.17	E	1.09	M	2.17					
80	PR-SPL	TCB	M 22* 95			0.40	I	0.40							
JL4-JL5							A	0.02	E	2.38	G	0.10	H	1.53	
							I	0.67	K	0.01	L	0.70	M	7.98	

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J2 JL5-JL6															
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks		
1	D-SPL-U	PL	470* 9	2690		2.53	H	1.26	M	2.53					
2	D-SPL	PL	470* 14	155		0.29	G	0.15	M	0.29					
7	D-SPL	PL	470* 14	230		1.51	G	0.76	M	1.51					
78	D-SPL	TCB	M 22* 75			0.39	K	0.07	L	0.33					
72	D-SPL	HTB	M 22* 80			0.48	K	0.18	L	0.30					
8	UR-SPL-I	PL	155* 10	320		0.79	G	0.40	M	0.79					
32	UR-SPL-I	TCB	M 22* 65			0.16	K	0.16							
4	COV	PL	120* 6	460		0.44									
4	COV-I	RB	13 φ	280		0.05	C	0.05							
32	COV	BN	M 12* 35			0.04									1-W,HDG
JL5-JL6							C	0.05	G	1.31	H	1.26	K	0.41	
							L	0.63	M	5.12					

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J2 JL6-JL6A															
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks		
1	D-SPL-U	PL	470* 9	305		0.29	H	0.14	M	0.29					
1	D-SPL-U	PL	470* 9	1570		1.48	H	0.74	M	1.48					
1	D-SPL-U	PL	470* 9	290		0.27	H	0.14	M	0.27					
1	D-SPL	PL	470* 14	245		0.23	E	0.12	M	0.23					
6	D-SPL	PL	470* 14	230		1.30	E	0.65	M	1.30					
60	D-SPL	TCB	M 22* 75			0.30	I	0.05	L	0.25					
54	D-SPL	HTB	M 22* 80			0.36	I	0.14	L	0.22					
6	UR-SPL-O	PL	155* 10	320		0.60	E	0.15	G	0.15	M	0.60			
24	UR-SPL-O	TCB	M 22* 65			0.12	I	0.10	K	0.02					
3	COV	PL	120* 6	460		0.33									
3	COV-O	RB	13 φ	280		0.03	A	0.03							
24	COV	BN	M 12* 35			0.03									1-W,HDG
JL6-JL6A							A	0.03	E	0.92	G	0.15	H	1.02	

Caluculation of Steel Primer

(Unit: mm, m²)

	I	0.29	K	0.02	L	0.47	M	4.17	
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APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J2 JL6A-JL6B														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
1	D-SPL-U	PL	470* 9	1570		1.48	H	0.74	M	1.48				
5	D-SPL	PL	470* 14	230		1.08	E	0.54	M	1.08				
36	D-SPL	TCB	M 22* 75			0.18	I	0.03	L	0.15				
54	D-SPL	HTB	M 22* 80			0.36	I	0.14	L	0.22				
6	UR-SPL-O	PL	155* 10	320		0.60	E	0.15	G	0.15	M	0.60		
24	UR-SPL-O	TCB	M 22* 65			0.12	I	0.10	K	0.02				
3	COV	PL	120* 6	460		0.33								
3	COV-O	RB	13 φ	280		0.03	A	0.03						
24	COV	BN	M 12* 35			0.03						1-W,HDG		
JL6A-JL6B							A	0.03	E	0.69	G	0.15	H	0.74
JL6A-JL6B							I	0.27	K	0.02	L	0.37	M	3.16

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J2 JL6B-JL6C														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
1	D-SPL-U	PL	470* 9	290		0.27	H	0.14	M	0.27				
1	D-SPL-U	PL	470* 9	1570		1.48	H	0.74	M	1.48				
6	D-SPL	PL	470* 14	230		1.30	E	0.65	M	1.30				
48	D-SPL	TCB	M 22* 75			0.24	I	0.04	L	0.20				
54	D-SPL	HTB	M 22* 80			0.36	I	0.14	L	0.22				
JL6B-JL6C							E	0.65	H	0.88	I	0.18	L	0.42
JL6B-JL6C							M	3.05						

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J2 JL6C-JL7												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	D-SPL-U	PL	470* 9	290		0.27	H	0.14	M	0.27		
1	D-SPL-U	PL	470* 9	977		0.92	H	0.46	M	0.92		
1	D-SPL-U	PL	470* 9	305		0.29	H	0.14	M	0.29		
2	D-SPL	PL	470* 14	230		0.43	E	0.22	M	0.43		
1	D-SPL	PL	470* 14	184		0.17	E	0.09	M	0.17		
2	D-SPL	PL	470* 14	80		0.15	E	0.08	M	0.15		
1	D-SPL	PL	470* 14	245		0.23	E	0.12	M	0.23		
48	D-SPL	TCB	M 22* 75			0.24	I	0.04	L	0.20		
18	D-SPL	HTB	M 22* 80			0.12	I	0.05	L	0.07		
8	UR-SPL-O	PL	155* 10	320		0.79	E	0.20	G	0.20	M	0.79
32	UR-SPL-O	TCB	M 22* 65			0.16	I	0.13	K	0.03		

Caluculation of Steel Primer

(Unit: mm, m²)

4	COV	PL	120* 6	460	0.44														
4	COV-O	RB	13 φ	280	0.05	A	0.05												
32	COV	BN	M 12* 35		0.04														1-W,HDG
6	PR-SPL	PL	175* 18	620	1.30	E	0.65	M	1.30										
48	PR-SPL	TCB	M 22* 95		0.24	I	0.24												
JL6C-JL7						A	0.05	E	1.36	G	0.20	H	0.74						
						I	0.46	K	0.03	L	0.27	M	4.55						

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J2 JL7-JL8																			
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area												Remarks
1	D-SPL-U	PL	470* 9	2975	2.80	H	1.40	M	2.80										
1	D-SPL	PL	470* 14	223	0.21	G	0.10	M	0.21										
5	D-SPL	PL	470* 14	230	1.08	G	0.54	M	1.08										
4	D-SPL	PL	470* 14	80	0.30	G	0.15	M	0.30										
1	D-SPL	PL	470* 14	155	0.15	G	0.07	M	0.15										
48	D-SPL	TCB	M 22* 75		0.24	K	0.04	L	0.20										
96	D-SPL	HTB	M 22* 80		0.64	K	0.24	L	0.40										
10	UR-SPL-I	PL	155* 10	320	0.99	G	0.50	M	0.99										
40	UR-SPL-I	TCB	M 22* 65		0.20	K	0.20												
5	COV	PL	120* 6	460	0.55														
5	COV-I	RB	13 φ	280	0.06	C	0.06												
40	COV	BN	M 12* 35		0.06														1-W,HDG
JL7-JL8						C	0.06	G	1.36	H	1.40	K	0.48						
						L	0.60	M	5.53										

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J2 JL8-RR1																			
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area												Remarks
1	D-SPL-U	PL	470* 9	970	0.91	H	0.46	M	0.91										
1	D-SPL-U	PL	470* 9	305	0.29	H	0.14	M	0.29										
1	D-SPL	PL	470* 14	270	0.25	E	0.13	M	0.25										
2	D-SPL	PL	470* 14	250	0.47	E	0.24	M	0.47										
1	D-SPL	PL	470* 14	245	0.23	E	0.12	M	0.23										
66	D-SPL	TCB	M 22* 75		0.33	I	0.06	L	0.28										
1	ST-SPL	PL	255* 9	320	0.16	E	0.08	M	0.16										
1	ST-SPL	PL	335* 16	320	0.21	E	0.11	M	0.21										
12	ST-SPL	TCB	M 22* 70		0.06	I	0.06												
2	ST-SPL	PL	80* 9	320	0.10	E	0.05	M	0.10										
4	ST-SPL	TCB	M 22* 65		0.02	I	0.02												
6	PR-SPL	PL	175* 18	620	1.30	E	0.65	M	1.30										
48	PR-SPL	TCB	M 22* 95		0.24	I	0.24												

Caluculation of Steel Primer

(Unit: mm,m²)

JL8-RR1	E	1.38	H	0.60	I	0.38	L	0.28
	M	3.92						
J2	A	0.15	C	0.22	E	9.61	G	6.04
	H	12.18	I	2.90	K	1.87	L	5.55
	M	55.41						

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J3 LL1-JL1														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	470* 9	970		0.91	H	0.46	M	0.91				
1	D-SPL-U	PL	470* 9	305		0.29	H	0.14	M	0.29				
1	D-SPL	PL	470* 14	270		0.25	E	0.13	M	0.25				
2	D-SPL	PL	470* 14	250		0.47	E	0.24	M	0.47				
1	D-SPL	PL	470* 14	245		0.23	E	0.12	M	0.23				
66	D-SPL	TCB	M 22* 75			0.33	I	0.06	L	0.28				
1	ST-SPL	PL	255* 9	320		0.16	E	0.08	M	0.16				
1	ST-SPL	PL	335* 16	320		0.21	E	0.11	M	0.21				
12	ST-SPL	TCB	M 22* 70			0.06	I	0.06						
2	ST-SPL	PL	80* 9	320		0.10	E	0.05	M	0.10				
4	ST-SPL	TCB	M 22* 65			0.02	I	0.02						
6	PR-SPL	PL	175* 18	620		1.30	E	0.65	M	1.30				
48	PR-SPL	TCB	M 22* 95			0.24	I	0.24						
LL1-JL1							E	1.38	H	0.60	I	0.38	L	0.28
							M	3.92						

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J3 JL1-JL2														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	470* 9	2975		2.80	H	1.40	M	2.80				
1	D-SPL	PL	470* 14	223		0.21	G	0.10	M	0.21				
5	D-SPL	PL	470* 14	230		1.08	G	0.54	M	1.08				
4	D-SPL	PL	470* 14	80		0.30	G	0.15	M	0.30				
1	D-SPL	PL	470* 14	155		0.15	G	0.07	M	0.15				
48	D-SPL	TCB	M 22* 75			0.24	K	0.04	L	0.20				
96	D-SPL	HTB	M 22* 80			0.64	K	0.24	L	0.40				
10	UR-SPL-I	PL	155* 10	320		0.99	G	0.50	M	0.99				
40	UR-SPL-I	TCB	M 22* 65			0.20	K	0.20						
5	COV	PL	120* 6	460		0.55								
5	COV-I	RB	13 ϕ	280		0.06	C	0.06						
40	COV	BN	M 12* 35			0.06							1-W,HDG	
JL1-JL2							C	0.06	G	1.36	H	1.40	K	0.48
							L	0.60	M	5.53				

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J3 JL2-JL3													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	470* 9	980		0.92	H	0.46	M	0.92			
2	D-SPL-U	PL	470* 9	305		0.57	H	0.29	M	0.57			

Caluculation of Steel Primer

(Unit: mm,m²)

2	D-SPL	PL	470* 14	245	0.46	E	0.23	M	0.46				
2	D-SPL	PL	470* 14	230	0.43	E	0.22	M	0.43				
2	D-SPL	PL	470* 14	80	0.15	E	0.08	M	0.15				
36	D-SPL	TCB	M 22* 75		0.18	I	0.03	L	0.15				
36	D-SPL	HTB	M 22* 80		0.24	I	0.09	L	0.15				
4	UR-SPL-O	PL	155* 10	320	0.40	E	0.10	G	0.10	M	0.40		
16	UR-SPL-O	TCB	M 22* 65		0.08	I	0.07	K	0.01				
2	COV	PL	120* 6	460	0.22								
2	COV-O	RB	13 ϕ	280	0.02	A	0.02						
16	COV	BN	M 12* 35		0.02								1-W,HDG
2	PR-SPL	PL	175* 18	620	0.43	E	0.22	M	0.43				
16	PR-SPL	TCB	M 22* 95		0.08	I	0.08						
JL2-JL3						A	0.02	E	0.85	G	0.10	H	0.75
JL2-JL3						I	0.27	K	0.01	L	0.30	M	3.36

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J3 JL3-JL4													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	470* 9	2690	2.53	H	1.26	M	2.53				
2	D-SPL	PL	470* 14	155	0.29	G	0.15	M	0.29				
7	D-SPL	PL	470* 14	230	1.51	G	0.76	M	1.51				
78	D-SPL	TCB	M 22* 75		0.39	K	0.07	L	0.33				
72	D-SPL	HTB	M 22* 80		0.48	K	0.18	L	0.30				
8	UR-SPL-I	PL	155* 10	320	0.79	G	0.40	M	0.79				
32	UR-SPL-I	TCB	M 22* 65		0.16	K	0.16						
4	COV	PL	120* 6	460	0.44								
4	COV-I	RB	13 ϕ	280	0.05	C	0.05						
32	COV	BN	M 12* 35		0.04								1-W,HDG
JL3-JL4						C	0.05	G	1.31	H	1.26	K	0.41
JL3-JL4						L	0.63	M	5.12				

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J3 JL4-JL5													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	470* 9	2630	2.47	H	1.24	M	2.47				
2	D-SPL-U	PL	470* 9	305	0.57	H	0.29	M	0.57				
2	D-SPL	PL	470* 14	245	0.46	E	0.23	M	0.46				
4	D-SPL	PL	470* 14	230	0.86	E	0.43	M	0.86				
4	D-SPL	PL	470* 14	280	1.05	E	0.53	M	1.05				
132	D-SPL	TCB	M 22* 75		0.67	I	0.11	L	0.55				
36	D-SPL	HTB	M 22* 80		0.24	I	0.09	L	0.15				
4	UR-SPL-O	PL	155* 10	320	0.40	E	0.10	G	0.10	M	0.40		

Caluculation of Steel Primer

(Unit: mm, m²)

16	UR-SPL-O	TCB	M 22* 65			0.08	I	0.07	K	0.01					
2	COV	PL	120* 6	460		0.22									
2	COV-O	RB	13 φ	280		0.02	A	0.02							
16	COV	BN	M 12* 35			0.02									1-W,HDG
10	PR-SPL	PL	175* 18	620		2.17	E	1.09	M	2.17					
80	PR-SPL	TCB	M 22* 95			0.40	I	0.40							
JL4-JL5							A	0.02	E	2.38	G	0.10	H	1.53	
							I	0.67	K	0.01	L	0.70	M	7.98	

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J3 JL5-JL6															
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks		
1	D-SPL-U	PL	470* 9	2690		2.53	H	1.26	M	2.53					
2	D-SPL	PL	470* 14	155		0.29	G	0.15	M	0.29					
7	D-SPL	PL	470* 14	230		1.51	G	0.76	M	1.51					
78	D-SPL	TCB	M 22* 75			0.39	K	0.07	L	0.33					
72	D-SPL	HTB	M 22* 80			0.48	K	0.18	L	0.30					
8	UR-SPL-I	PL	155* 10	320		0.79	G	0.40	M	0.79					
32	UR-SPL-I	TCB	M 22* 65			0.16	K	0.16							
4	COV	PL	120* 6	460		0.44									
4	COV-I	RB	13 φ	280		0.05	C	0.05							
32	COV	BN	M 12* 35			0.04									1-W,HDG
JL5-JL6							C	0.05	G	1.31	H	1.26	K	0.41	
							L	0.63	M	5.12					

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J3 JL6-JL6A															
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks		
1	D-SPL-U	PL	470* 9	305		0.29	H	0.14	M	0.29					
1	D-SPL-U	PL	470* 9	1570		1.48	H	0.74	M	1.48					
1	D-SPL-U	PL	470* 9	290		0.27	H	0.14	M	0.27					
1	D-SPL	PL	470* 14	245		0.23	E	0.12	M	0.23					
6	D-SPL	PL	470* 14	230		1.30	E	0.65	M	1.30					
60	D-SPL	TCB	M 22* 75			0.30	I	0.05	L	0.25					
54	D-SPL	HTB	M 22* 80			0.36	I	0.14	L	0.22					
6	UR-SPL-O	PL	155* 10	320		0.60	E	0.15	G	0.15	M	0.60			
24	UR-SPL-O	TCB	M 22* 65			0.12	I	0.10	K	0.02					
3	COV	PL	120* 6	460		0.33									
3	COV-O	RB	13 φ	280		0.03	A	0.03							
24	COV	BN	M 12* 35			0.03									1-W,HDG
JL6-JL6A							A	0.03	E	0.92	G	0.15	H	1.02	

Caluculation of Steel Primer

(Unit: mm, m²)

	I	0.29	K	0.02	L	0.47	M	4.17	
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APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J3 JL6A-JL6B														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
1	D-SPL-U	PL	470* 9	1570		1.48	H	0.74	M	1.48				
5	D-SPL	PL	470* 14	230		1.08	E	0.54	M	1.08				
36	D-SPL	TCB	M 22* 75			0.18	I	0.03	L	0.15				
54	D-SPL	HTB	M 22* 80			0.36	I	0.14	L	0.22				
6	UR-SPL-O	PL	155* 10	320		0.60	E	0.15	G	0.15	M	0.60		
24	UR-SPL-O	TCB	M 22* 65			0.12	I	0.10	K	0.02				
3	COV	PL	120* 6	460		0.33								
3	COV-O	RB	13 φ	280		0.03	A	0.03						
24	COV	BN	M 12* 35			0.03						1-W,HDG		
JL6A-JL6B							A	0.03	E	0.69	G	0.15	H	0.74
JL6A-JL6B							I	0.27	K	0.02	L	0.37	M	3.16

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J3 JL6B-JL7														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
1	D-SPL-U	PL	470* 9	290		0.27	H	0.14	M	0.27				
1	D-SPL-U	PL	470* 9	2492		2.34	H	1.17	M	2.34				
1	D-SPL-U	PL	470* 9	305		0.29	H	0.14	M	0.29				
7	D-SPL	PL	470* 14	230		1.51	E	0.76	M	1.51				
3	D-SPL	PL	470* 14	80		0.23	E	0.11	M	0.23				
1	D-SPL	PL	470* 14	245		0.23	E	0.12	M	0.23				
78	D-SPL	TCB	M 22* 75			0.39	I	0.07	L	0.33				
72	D-SPL	HTB	M 22* 80			0.48	I	0.18	L	0.30				
8	UR-SPL-O	PL	155* 10	320		0.79	E	0.20	G	0.20	M	0.79		
32	UR-SPL-O	TCB	M 22* 65			0.16	I	0.13	K	0.03				
4	COV	PL	120* 6	460		0.44								
4	COV-O	RB	13 φ	280		0.05	A	0.05						
32	COV	BN	M 12* 35			0.04						1-W,HDG		
4	PR-SPL	PL	175* 18	620		0.87	E	0.43	M	0.87				
32	PR-SPL	TCB	M 22* 95			0.16	I	0.16						
JL6B-JL7							A	0.05	E	1.62	G	0.20	H	1.45
JL6B-JL7							I	0.54	K	0.03	L	0.63	M	6.53

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J3 JL7-JL8												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	D-SPL-U	PL	470* 9	2975		2.80	H	1.40	M	2.80		

Caluculation of Steel Primer

(Unit: mm, m²)

1	D-SPL	PL	470* 14	223	0.21	G	0.10	M	0.21				
5	D-SPL	PL	470* 14	230	1.08	G	0.54	M	1.08				
4	D-SPL	PL	470* 14	80	0.30	G	0.15	M	0.30				
1	D-SPL	PL	470* 14	155	0.15	G	0.07	M	0.15				
48	D-SPL	TCB	M 22* 75		0.24	K	0.04	L	0.20				
96	D-SPL	HTB	M 22* 80		0.64	K	0.24	L	0.40				
10	UR-SPL-I	PL	155* 10	320	0.99	G	0.50	M	0.99				
40	UR-SPL-I	TCB	M 22* 65		0.20	K	0.20						
5	COV	PL	120* 6	460	0.55								
5	COV-I	RB	13 ϕ	280	0.06	C	0.06						
40	COV	BN	M 12* 35		0.06								1-W,HDG
JL7-JL8						C	0.06	G	1.36	H	1.40	K	0.48
						L	0.60	M	5.53				

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J3 JL8-RR1													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	470* 9	970	0.91	H	0.46	M	0.91				
1	D-SPL-U	PL	470* 9	305	0.29	H	0.14	M	0.29				
1	D-SPL	PL	470* 14	270	0.25	E	0.13	M	0.25				
2	D-SPL	PL	470* 14	250	0.47	E	0.24	M	0.47				
1	D-SPL	PL	470* 14	245	0.23	E	0.12	M	0.23				
66	D-SPL	TCB	M 22* 75		0.33	I	0.06	L	0.28				
1	ST-SPL	PL	255* 9	320	0.16	E	0.08	M	0.16				
1	ST-SPL	PL	335* 16	320	0.21	E	0.11	M	0.21				
12	ST-SPL	TCB	M 22* 70		0.06	I	0.06						
2	ST-SPL	PL	80* 9	320	0.10	E	0.05	M	0.10				
4	ST-SPL	TCB	M 22* 65		0.02	I	0.02						
6	PR-SPL	PL	175* 18	620	1.30	E	0.65	M	1.30				
48	PR-SPL	TCB	M 22* 95		0.24	I	0.24						
JL8-RR1						E	1.38	H	0.60	I	0.38	L	0.28
						M	3.92						
J3						A	0.15	C	0.22	E	9.22	G	6.04
						H	12.01	I	2.80	K	1.87	L	5.49
						M	54.34						

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J4 LL1-JL1														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	470* 9	970		0.91	H	0.46	M	0.91				
1	D-SPL-U	PL	470* 9	305		0.29	H	0.14	M	0.29				
1	D-SPL	PL	470* 14	270		0.25	E	0.13	M	0.25				
2	D-SPL	PL	470* 14	250		0.47	E	0.24	M	0.47				
1	D-SPL	PL	470* 14	245		0.23	E	0.12	M	0.23				
66	D-SPL	TCB	M 22* 75			0.33	I	0.06	L	0.28				
1	ST-SPL	PL	255* 9	320		0.16	E	0.08	M	0.16				
1	ST-SPL	PL	335* 16	320		0.21	E	0.11	M	0.21				
12	ST-SPL	TCB	M 22* 70			0.06	I	0.06						
2	ST-SPL	PL	80* 9	320		0.10	E	0.05	M	0.10				
4	ST-SPL	TCB	M 22* 65			0.02	I	0.02						
6	PR-SPL	PL	175* 18	620		1.30	E	0.65	M	1.30				
48	PR-SPL	TCB	M 22* 95			0.24	I	0.24						
LL1-JL1							E	1.38	H	0.60	I	0.38	L	0.28
							M	3.92						

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J4 JL1-JL2														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	470* 9	2975		2.80	H	1.40	M	2.80				
1	D-SPL	PL	470* 14	223		0.21	G	0.10	M	0.21				
5	D-SPL	PL	470* 14	230		1.08	G	0.54	M	1.08				
4	D-SPL	PL	470* 14	80		0.30	G	0.15	M	0.30				
1	D-SPL	PL	470* 14	155		0.15	G	0.07	M	0.15				
48	D-SPL	TCB	M 22* 75			0.24	K	0.04	L	0.20				
96	D-SPL	HTB	M 22* 80			0.64	K	0.24	L	0.40				
10	UR-SPL-I	PL	155* 10	320		0.99	G	0.50	M	0.99				
40	UR-SPL-I	TCB	M 22* 65			0.20	K	0.20						
5	COV	PL	120* 6	460		0.55								
5	COV-I	RB	13 ϕ	280		0.06	C	0.06						
40	COV	BN	M 12* 35			0.06							1-W,HDG	
JL1-JL2							C	0.06	G	1.36	H	1.40	K	0.48
							L	0.60	M	5.53				

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J4 JL2-JL3													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	470* 9	980		0.92	H	0.46	M	0.92			
2	D-SPL-U	PL	470* 9	305		0.57	H	0.29	M	0.57			

Caluculation of Steel Primer

(Unit: mm,m²)

2	D-SPL	PL	470* 14	245	0.46	E	0.23	M	0.46				
2	D-SPL	PL	470* 14	230	0.43	E	0.22	M	0.43				
2	D-SPL	PL	470* 14	80	0.15	E	0.08	M	0.15				
36	D-SPL	TCB	M 22* 75		0.18	I	0.03	L	0.15				
36	D-SPL	HTB	M 22* 80		0.24	I	0.09	L	0.15				
4	UR-SPL-O	PL	155* 10	320	0.40	E	0.10	G	0.10	M	0.40		
16	UR-SPL-O	TCB	M 22* 65		0.08	I	0.07	K	0.01				
2	COV	PL	120* 6	460	0.22								
2	COV-O	RB	13 ϕ	280	0.02	A	0.02						
16	COV	BN	M 12* 35		0.02								1-W,HDG
2	PR-SPL	PL	175* 18	620	0.43	E	0.22	M	0.43				
16	PR-SPL	TCB	M 22* 95		0.08	I	0.08						
JL2-JL3						A	0.02	E	0.85	G	0.10	H	0.75
						I	0.27	K	0.01	L	0.30	M	3.36

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J4 JL3-JL4													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	470* 9	2690	2.53	H	1.26	M	2.53				
2	D-SPL	PL	470* 14	155	0.29	G	0.15	M	0.29				
7	D-SPL	PL	470* 14	230	1.51	G	0.76	M	1.51				
78	D-SPL	TCB	M 22* 75		0.39	K	0.07	L	0.33				
72	D-SPL	HTB	M 22* 80		0.48	K	0.18	L	0.30				
8	UR-SPL-I	PL	155* 10	320	0.79	G	0.40	M	0.79				
32	UR-SPL-I	TCB	M 22* 65		0.16	K	0.16						
4	COV	PL	120* 6	460	0.44								
4	COV-I	RB	13 ϕ	280	0.05	C	0.05						
32	COV	BN	M 12* 35		0.04								1-W,HDG
JL3-JL4						C	0.05	G	1.31	H	1.26	K	0.41
						L	0.63	M	5.12				

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J4 JL4-JL5													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	470* 9	2630	2.47	H	1.24	M	2.47				
2	D-SPL-U	PL	470* 9	305	0.57	H	0.29	M	0.57				
2	D-SPL	PL	470* 14	245	0.46	E	0.23	M	0.46				
4	D-SPL	PL	470* 14	230	0.86	E	0.43	M	0.86				
4	D-SPL	PL	470* 14	280	1.05	E	0.53	M	1.05				
132	D-SPL	TCB	M 22* 75		0.67	I	0.11	L	0.55				
36	D-SPL	HTB	M 22* 80		0.24	I	0.09	L	0.15				
4	UR-SPL-O	PL	155* 10	320	0.40	E	0.10	G	0.10	M	0.40		

Caluculation of Steel Primer

(Unit: mm, m²)

16	UR-SPL-O	TCB	M 22* 65			0.08	I	0.07	K	0.01					
2	COV	PL	120* 6	460		0.22									
2	COV-O	RB	13 φ	280		0.02	A	0.02							
16	COV	BN	M 12* 35			0.02									1-W,HDG
10	PR-SPL	PL	175* 18	620		2.17	E	1.09	M	2.17					
80	PR-SPL	TCB	M 22* 95			0.40	I	0.40							
JL4-JL5							A	0.02	E	2.38	G	0.10	H	1.53	
							I	0.67	K	0.01	L	0.70	M	7.98	

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J4 JL5-JL6															
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks		
1	D-SPL-U	PL	470* 9	2690		2.53	H	1.26	M	2.53					
2	D-SPL	PL	470* 14	155		0.29	G	0.15	M	0.29					
7	D-SPL	PL	470* 14	230		1.51	G	0.76	M	1.51					
78	D-SPL	TCB	M 22* 75			0.39	K	0.07	L	0.33					
72	D-SPL	HTB	M 22* 80			0.48	K	0.18	L	0.30					
8	UR-SPL-I	PL	155* 10	320		0.79	G	0.40	M	0.79					
32	UR-SPL-I	TCB	M 22* 65			0.16	K	0.16							
4	COV	PL	120* 6	460		0.44									
4	COV-I	RB	13 φ	280		0.05	C	0.05							
32	COV	BN	M 12* 35			0.04									1-W,HDG
JL5-JL6							C	0.05	G	1.31	H	1.26	K	0.41	
							L	0.63	M	5.12					

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J4 JL6-JL6A															
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks		
1	D-SPL-U	PL	470* 9	305		0.29	H	0.14	M	0.29					
1	D-SPL-U	PL	470* 9	1570		1.48	H	0.74	M	1.48					
1	D-SPL-U	PL	470* 9	290		0.27	H	0.14	M	0.27					
1	D-SPL	PL	470* 14	245		0.23	E	0.12	M	0.23					
6	D-SPL	PL	470* 14	230		1.30	E	0.65	M	1.30					
60	D-SPL	TCB	M 22* 75			0.30	I	0.05	L	0.25					
54	D-SPL	HTB	M 22* 80			0.36	I	0.14	L	0.22					
6	UR-SPL-O	PL	155* 10	320		0.60	E	0.15	G	0.15	M	0.60			
24	UR-SPL-O	TCB	M 22* 65			0.12	I	0.10	K	0.02					
3	COV	PL	120* 6	460		0.33									
3	COV-O	RB	13 φ	280		0.03	A	0.03							
24	COV	BN	M 12* 35			0.03									1-W,HDG
JL6-JL6A							A	0.03	E	0.92	G	0.15	H	1.02	

Caluculation of Steel Primer

(Unit: mm,m²)

	I	0.29	K	0.02	L	0.47	M	4.17	
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APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J4 JL6A-JL6B														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
1	D-SPL-U	PL	470* 9	1570		1.48	H	0.74	M	1.48				
5	D-SPL	PL	470* 14	230		1.08	E	0.54	M	1.08				
36	D-SPL	TCB	M 22* 75			0.18	I	0.03	L	0.15				
54	D-SPL	HTB	M 22* 80			0.36	I	0.14	L	0.22				
6	UR-SPL-O	PL	155* 10	320		0.60	E	0.15	G	0.15	M	0.60		
24	UR-SPL-O	TCB	M 22* 65			0.12	I	0.10	K	0.02				
3	COV	PL	120* 6	460		0.33								
3	COV-O	RB	13 ϕ	280		0.03	A	0.03						
24	COV	BN	M 12* 35			0.03						1-W,HDG		
JL6A-JL6B							A	0.03	E	0.69	G	0.15	H	0.74
JL6A-JL6B							I	0.27	K	0.02	L	0.37	M	3.16

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J4 JL6B-JL7														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
1	D-SPL-U	PL	470* 9	290		0.27	H	0.14	M	0.27				
1	D-SPL-U	PL	470* 9	2133		2.01	H	1.00	M	2.01				
1	D-SPL-U	PL	470* 9	305		0.29	H	0.14	M	0.29				
6	D-SPL	PL	470* 14	230		1.30	E	0.65	M	1.30				
3	D-SPL	PL	470* 14	80		0.23	E	0.11	M	0.23				
1	D-SPL	PL	470* 14	245		0.23	E	0.12	M	0.23				
78	D-SPL	TCB	M 22* 75			0.39	I	0.07	L	0.33				
54	D-SPL	HTB	M 22* 80			0.36	I	0.14	L	0.22				
6	UR-SPL-O	PL	155* 10	320		0.60	E	0.15	G	0.15	M	0.60		
24	UR-SPL-O	TCB	M 22* 65			0.12	I	0.10	K	0.02				
3	COV	PL	120* 6	460		0.33								
3	COV-O	RB	13 ϕ	280		0.03	A	0.03						
24	COV	BN	M 12* 35			0.03						1-W,HDG		
6	PR-SPL	PL	175* 18	620		1.30	E	0.65	M	1.30				
48	PR-SPL	TCB	M 22* 95			0.24	I	0.24						
JL6B-JL7							A	0.03	E	1.68	G	0.15	H	1.28
JL6B-JL7							I	0.55	K	0.02	L	0.55	M	6.23

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J4 JL7-JL8												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	D-SPL-U	PL	470* 9	2975		2.80	H	1.40	M	2.80		

Caluculation of Steel Primer

(Unit: mm, m²)

1	D-SPL	PL	470* 14	223	0.21	G	0.10	M	0.21				
5	D-SPL	PL	470* 14	230	1.08	G	0.54	M	1.08				
4	D-SPL	PL	470* 14	80	0.30	G	0.15	M	0.30				
1	D-SPL	PL	470* 14	155	0.15	G	0.07	M	0.15				
48	D-SPL	TCB	M 22* 75		0.24	K	0.04	L	0.20				
96	D-SPL	HTB	M 22* 80		0.64	K	0.24	L	0.40				
10	UR-SPL-I	PL	155* 10	320	0.99	G	0.50	M	0.99				
40	UR-SPL-I	TCB	M 22* 65		0.20	K	0.20						
5	COV	PL	120* 6	460	0.55								
5	COV-I	RB	13 ϕ	280	0.06	C	0.06						
40	COV	BN	M 12* 35		0.06								1-W,HDG
JL7-JL8						C	0.06	G	1.36	H	1.40	K	0.48
						L	0.60	M	5.53				

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J4 JL8-RR1													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	470* 9	970	0.91	H	0.46	M	0.91				
1	D-SPL-U	PL	470* 9	305	0.29	H	0.14	M	0.29				
1	D-SPL	PL	470* 14	270	0.25	E	0.13	M	0.25				
2	D-SPL	PL	470* 14	250	0.47	E	0.24	M	0.47				
1	D-SPL	PL	470* 14	245	0.23	E	0.12	M	0.23				
66	D-SPL	TCB	M 22* 75		0.33	I	0.06	L	0.28				
1	ST-SPL	PL	255* 9	320	0.16	E	0.08	M	0.16				
1	ST-SPL	PL	335* 16	320	0.21	E	0.11	M	0.21				
12	ST-SPL	TCB	M 22* 70		0.06	I	0.06						
2	ST-SPL	PL	80* 9	320	0.10	E	0.05	M	0.10				
4	ST-SPL	TCB	M 22* 65		0.02	I	0.02						
6	PR-SPL	PL	175* 18	620	1.30	E	0.65	M	1.30				
48	PR-SPL	TCB	M 22* 95		0.24	I	0.24						
JL8-RR1						E	1.38	H	0.60	I	0.38	L	0.28
						M	3.92						
J4						A	0.13	C	0.22	E	9.28	G	5.99
						H	11.84	I	2.81	K	1.86	L	5.41
						M	54.04						

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J5 LL1-JL1														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	470* 9	970		0.91	H	0.46	M	0.91				
1	D-SPL-U	PL	470* 9	305		0.29	H	0.14	M	0.29				
1	D-SPL	PL	470* 14	270		0.25	E	0.13	M	0.25				
2	D-SPL	PL	470* 14	250		0.47	E	0.24	M	0.47				
1	D-SPL	PL	470* 14	245		0.23	E	0.12	M	0.23				
66	D-SPL	TCB	M 22* 75			0.33	I	0.06	L	0.28				
1	ST-SPL	PL	255* 9	320		0.16	E	0.08	M	0.16				
1	ST-SPL	PL	335* 16	320		0.21	E	0.11	M	0.21				
12	ST-SPL	TCB	M 22* 70			0.06	I	0.06						
2	ST-SPL	PL	80* 9	320		0.10	E	0.05	M	0.10				
4	ST-SPL	TCB	M 22* 65			0.02	I	0.02						
6	PR-SPL	PL	175* 18	620		1.30	E	0.65	M	1.30				
48	PR-SPL	TCB	M 22* 95			0.24	I	0.24						
LL1-JL1							E	1.38	H	0.60	I	0.38	L	0.28
							M	3.92						

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J5 JL1-JL2														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	470* 9	2975		2.80	H	1.40	M	2.80				
1	D-SPL	PL	470* 14	223		0.21	G	0.10	M	0.21				
5	D-SPL	PL	470* 14	230		1.08	G	0.54	M	1.08				
4	D-SPL	PL	470* 14	80		0.30	G	0.15	M	0.30				
1	D-SPL	PL	470* 14	155		0.15	G	0.07	M	0.15				
48	D-SPL	TCB	M 22* 75			0.24	K	0.04	L	0.20				
96	D-SPL	HTB	M 22* 80			0.64	K	0.24	L	0.40				
10	UR-SPL-I	PL	155* 10	320		0.99	G	0.50	M	0.99				
40	UR-SPL-I	TCB	M 22* 65			0.20	K	0.20						
5	COV	PL	120* 6	460		0.55								
5	COV-I	RB	13 ϕ	280		0.06	C	0.06						
40	COV	BN	M 12* 35			0.06							1-W,HDG	
JL1-JL2							C	0.06	G	1.36	H	1.40	K	0.48
							L	0.60	M	5.53				

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J5 JL2-JL3													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	470* 9	980		0.92	H	0.46	M	0.92			
2	D-SPL-U	PL	470* 9	305		0.57	H	0.29	M	0.57			

Caluculation of Steel Primer

(Unit: mm,m²)

2	D-SPL	PL	470* 14	245	0.46	E	0.23	M	0.46				
2	D-SPL	PL	470* 14	230	0.43	E	0.22	M	0.43				
2	D-SPL	PL	470* 14	80	0.15	E	0.08	M	0.15				
36	D-SPL	TCB	M 22* 75		0.18	I	0.03	L	0.15				
36	D-SPL	HTB	M 22* 80		0.24	I	0.09	L	0.15				
4	UR-SPL-O	PL	155* 10	320	0.40	E	0.10	G	0.10	M	0.40		
16	UR-SPL-O	TCB	M 22* 65		0.08	I	0.07	K	0.01				
2	COV	PL	120* 6	460	0.22								
2	COV-O	RB	13 ϕ	280	0.02	A	0.02						
16	COV	BN	M 12* 35		0.02								1-W,HDG
2	PR-SPL	PL	175* 18	620	0.43	E	0.22	M	0.43				
16	PR-SPL	TCB	M 22* 95		0.08	I	0.08						
JL2-JL3						A	0.02	E	0.85	G	0.10	H	0.75
						I	0.27	K	0.01	L	0.30	M	3.36

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J5 JL3-JL4													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	470* 9	2690	2.53	H	1.26	M	2.53				
2	D-SPL	PL	470* 14	155	0.29	G	0.15	M	0.29				
7	D-SPL	PL	470* 14	230	1.51	G	0.76	M	1.51				
78	D-SPL	TCB	M 22* 75		0.39	K	0.07	L	0.33				
72	D-SPL	HTB	M 22* 80		0.48	K	0.18	L	0.30				
8	UR-SPL-I	PL	155* 10	320	0.79	G	0.40	M	0.79				
32	UR-SPL-I	TCB	M 22* 65		0.16	K	0.16						
4	COV	PL	120* 6	460	0.44								
4	COV-I	RB	13 ϕ	280	0.05	C	0.05						
32	COV	BN	M 12* 35		0.04								1-W,HDG
JL3-JL4						C	0.05	G	1.31	H	1.26	K	0.41
						L	0.63	M	5.12				

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J5 JL4-JL5													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	470* 9	2630	2.47	H	1.24	M	2.47				
2	D-SPL-U	PL	470* 9	305	0.57	H	0.29	M	0.57				
2	D-SPL	PL	470* 14	245	0.46	E	0.23	M	0.46				
4	D-SPL	PL	470* 14	230	0.86	E	0.43	M	0.86				
4	D-SPL	PL	470* 14	280	1.05	E	0.53	M	1.05				
132	D-SPL	TCB	M 22* 75		0.67	I	0.11	L	0.55				
36	D-SPL	HTB	M 22* 80		0.24	I	0.09	L	0.15				
4	UR-SPL-O	PL	155* 10	320	0.40	E	0.10	G	0.10	M	0.40		

Caluculation of Steel Primer

(Unit: mm, m²)

16	UR-SPL-O	TCB	M 22* 65			0.08	I	0.07	K	0.01					
2	COV	PL	120* 6	460		0.22									
2	COV-O	RB	13 φ	280		0.02	A	0.02							
16	COV	BN	M 12* 35			0.02									1-W,HDG
10	PR-SPL	PL	175* 18	620		2.17	E	1.09	M	2.17					
80	PR-SPL	TCB	M 22* 95			0.40	I	0.40							
JL4-JL5							A	0.02	E	2.38	G	0.10	H	1.53	
							I	0.67	K	0.01	L	0.70	M	7.98	

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J5 JL5-JL6															
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks		
1	D-SPL-U	PL	470* 9	2690		2.53	H	1.26	M	2.53					
2	D-SPL	PL	470* 14	155		0.29	G	0.15	M	0.29					
7	D-SPL	PL	470* 14	230		1.51	G	0.76	M	1.51					
78	D-SPL	TCB	M 22* 75			0.39	K	0.07	L	0.33					
72	D-SPL	HTB	M 22* 80			0.48	K	0.18	L	0.30					
8	UR-SPL-I	PL	155* 10	320		0.79	G	0.40	M	0.79					
32	UR-SPL-I	TCB	M 22* 65			0.16	K	0.16							
4	COV	PL	120* 6	460		0.44									
4	COV-I	RB	13 φ	280		0.05	C	0.05							
32	COV	BN	M 12* 35			0.04									1-W,HDG
JL5-JL6							C	0.05	G	1.31	H	1.26	K	0.41	
							L	0.63	M	5.12					

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J5 JL6-JL6A															
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks		
1	D-SPL-U	PL	470* 9	305		0.29	H	0.14	M	0.29					
1	D-SPL-U	PL	470* 9	1570		1.48	H	0.74	M	1.48					
1	D-SPL-U	PL	470* 9	290		0.27	H	0.14	M	0.27					
1	D-SPL	PL	470* 14	245		0.23	E	0.12	M	0.23					
6	D-SPL	PL	470* 14	230		1.30	E	0.65	M	1.30					
60	D-SPL	TCB	M 22* 75			0.30	I	0.05	L	0.25					
54	D-SPL	HTB	M 22* 80			0.36	I	0.14	L	0.22					
6	UR-SPL-O	PL	155* 10	320		0.60	E	0.15	G	0.15	M	0.60			
24	UR-SPL-O	TCB	M 22* 65			0.12	I	0.10	K	0.02					
3	COV	PL	120* 6	460		0.33									
3	COV-O	RB	13 φ	280		0.03	A	0.03							
24	COV	BN	M 12* 35			0.03									1-W,HDG
JL6-JL6A							A	0.03	E	0.92	G	0.15	H	1.02	

Caluculation of Steel Primer

(Unit: mm, m²)

	I	0.29	K	0.02	L	0.47	M	4.17	
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APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J5 JL6A-JL6B														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area			Remarks				
1	D-SPL-U	PL	470* 9	1570		1.48	H	0.74	M	1.48				
5	D-SPL	PL	470* 14	230		1.08	E	0.54	M	1.08				
36	D-SPL	TCB	M 22* 75			0.18	I	0.03	L	0.15				
54	D-SPL	HTB	M 22* 80			0.36	I	0.14	L	0.22				
6	UR-SPL-O	PL	155* 10	320		0.60	E	0.15	G	0.15	M	0.60		
24	UR-SPL-O	TCB	M 22* 65			0.12	I	0.10	K	0.02				
3	COV	PL	120* 6	460		0.33								
3	COV-O	RB	13 φ	280		0.03	A	0.03						
24	COV	BN	M 12* 35			0.03						1-W,HDG		
JL6A-JL6B							A	0.03	E	0.69	G	0.15	H	0.74
JL6A-JL6B							I	0.27	K	0.02	L	0.37	M	3.16

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J5 JL6B-JL7														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area			Remarks				
1	D-SPL-U	PL	470* 9	290		0.27	H	0.14	M	0.27				
1	D-SPL-U	PL	470* 9	1804		1.70	H	0.85	M	1.70				
1	D-SPL-U	PL	470* 9	305		0.29	H	0.14	M	0.29				
4	D-SPL	PL	470* 14	230		0.86	E	0.43	M	0.86				
1	D-SPL	PL	470* 14	250		0.24	E	0.12	M	0.24				
3	D-SPL	PL	470* 14	80		0.23	E	0.11	M	0.23				
1	D-SPL	PL	470* 14	245		0.23	E	0.12	M	0.23				
78	D-SPL	TCB	M 22* 75			0.39	I	0.07	L	0.33				
36	D-SPL	HTB	M 22* 80			0.24	I	0.09	L	0.15				
4	UR-SPL-O	PL	155* 10	320		0.40	E	0.10	G	0.10	M	0.40		
16	UR-SPL-O	TCB	M 22* 65			0.08	I	0.07	K	0.01				
2	COV	PL	120* 6	460		0.22								
2	COV-O	RB	13 φ	280		0.02	A	0.02						
16	COV	BN	M 12* 35			0.02						1-W,HDG		
8	PR-SPL	PL	175* 18	620		1.74	E	0.87	M	1.74				
64	PR-SPL	TCB	M 22* 95			0.32	I	0.32						
JL6B-JL7							A	0.02	E	1.75	G	0.10	H	1.13
JL6B-JL7							I	0.55	K	0.01	L	0.48	M	5.96

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J5 JL7-JL8										
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area			Remarks

Caluculation of Steel Primer

(Unit: mm,m²)

1	D-SPL-U	PL	470* 9	2975		2.80	H	1.40	M	2.80							
1	D-SPL	PL	470* 14	223		0.21	G	0.10	M	0.21							
5	D-SPL	PL	470* 14	230		1.08	G	0.54	M	1.08							
4	D-SPL	PL	470* 14	80		0.30	G	0.15	M	0.30							
1	D-SPL	PL	470* 14	155		0.15	G	0.07	M	0.15							
48	D-SPL	TCB	M 22* 75			0.24	K	0.04	L	0.20							
96	D-SPL	HTB	M 22* 80			0.64	K	0.24	L	0.40							
10	UR-SPL-I	PL	155* 10	320		0.99	G	0.50	M	0.99							
40	UR-SPL-I	TCB	M 22* 65			0.20	K	0.20									
5	COV	PL	120* 6	460		0.55											
5	COV-I	RB	13 ϕ	280		0.06	C	0.06									
40	COV	BN	M 12* 35			0.06											1-W,HDG
JL7-JL8							C	0.06	G	1.36	H	1.40	K	0.48			
							L	0.60	M	5.53							

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J5 JL8-RR1																	
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area										Remarks
1	D-SPL-U	PL	470* 9	970		0.91	H	0.46	M	0.91							
1	D-SPL-U	PL	470* 9	305		0.29	H	0.14	M	0.29							
1	D-SPL	PL	470* 14	270		0.25	E	0.13	M	0.25							
2	D-SPL	PL	470* 14	250		0.47	E	0.24	M	0.47							
1	D-SPL	PL	470* 14	245		0.23	E	0.12	M	0.23							
66	D-SPL	TCB	M 22* 75			0.33	I	0.06	L	0.28							
1	ST-SPL	PL	255* 9	320		0.16	E	0.08	M	0.16							
1	ST-SPL	PL	335* 16	320		0.21	E	0.11	M	0.21							
12	ST-SPL	TCB	M 22* 70			0.06	I	0.06									
2	ST-SPL	PL	80* 9	320		0.10	E	0.05	M	0.10							
4	ST-SPL	TCB	M 22* 65			0.02	I	0.02									
6	PR-SPL	PL	175* 18	620		1.30	E	0.65	M	1.30							
48	PR-SPL	TCB	M 22* 95			0.24	I	0.24									
JL8-RR1							E	1.38	H	0.60	I	0.38	L	0.28			
							M	3.92									
J5							A	0.12	C	0.22	E	9.35	G	5.94			
							H	11.69	I	2.81	K	1.85	L	5.34			
							M	53.77									

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J6 LL1-JL1														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	470* 9	970		0.91	H	0.46	M	0.91				
1	D-SPL-U	PL	470* 9	305		0.29	H	0.14	M	0.29				
1	D-SPL	PL	470* 14	270		0.25	E	0.13	M	0.25				
2	D-SPL	PL	470* 14	250		0.47	E	0.24	M	0.47				
1	D-SPL	PL	470* 14	245		0.23	E	0.12	M	0.23				
66	D-SPL	TCB	M 22* 75			0.33	I	0.06	L	0.28				
1	ST-SPL	PL	255* 9	320		0.16	E	0.08	M	0.16				
1	ST-SPL	PL	335* 16	320		0.21	E	0.11	M	0.21				
12	ST-SPL	TCB	M 22* 70			0.06	I	0.06						
2	ST-SPL	PL	80* 9	320		0.10	E	0.05	M	0.10				
4	ST-SPL	TCB	M 22* 65			0.02	I	0.02						
6	PR-SPL	PL	175* 18	620		1.30	E	0.65	M	1.30				
48	PR-SPL	TCB	M 22* 95			0.24	I	0.24						
LL1-JL1							E	1.38	H	0.60	I	0.38	L	0.28
							M	3.92						

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J6 JL1-JL2														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	470* 9	2975		2.80	H	1.40	M	2.80				
1	D-SPL	PL	470* 14	223		0.21	G	0.10	M	0.21				
5	D-SPL	PL	470* 14	230		1.08	G	0.54	M	1.08				
4	D-SPL	PL	470* 14	80		0.30	G	0.15	M	0.30				
1	D-SPL	PL	470* 14	155		0.15	G	0.07	M	0.15				
48	D-SPL	TCB	M 22* 75			0.24	K	0.04	L	0.20				
96	D-SPL	HTB	M 22* 80			0.64	K	0.24	L	0.40				
10	UR-SPL-I	PL	155* 10	320		0.99	G	0.50	M	0.99				
40	UR-SPL-I	TCB	M 22* 65			0.20	K	0.20						
5	COV	PL	120* 6	460		0.55								
5	COV-I	RB	13 ϕ	280		0.06	C	0.06						
40	COV	BN	M 12* 35			0.06							1-W,HDG	
JL1-JL2							C	0.06	G	1.36	H	1.40	K	0.48
							L	0.60	M	5.53				

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J6 JL2-JL3													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	470* 9	980		0.92	H	0.46	M	0.92			
2	D-SPL-U	PL	470* 9	305		0.57	H	0.29	M	0.57			

Caluculation of Steel Primer

(Unit: mm,m²)

2	D-SPL	PL	470* 14	245	0.46	E	0.23	M	0.46				
2	D-SPL	PL	470* 14	230	0.43	E	0.22	M	0.43				
2	D-SPL	PL	470* 14	80	0.15	E	0.08	M	0.15				
36	D-SPL	TCB	M 22* 75		0.18	I	0.03	L	0.15				
36	D-SPL	HTB	M 22* 80		0.24	I	0.09	L	0.15				
4	UR-SPL-O	PL	155* 10	320	0.40	E	0.10	G	0.10	M	0.40		
16	UR-SPL-O	TCB	M 22* 65		0.08	I	0.07	K	0.01				
2	COV	PL	120* 6	460	0.22								
2	COV-O	RB	13 ϕ	280	0.02	A	0.02						
16	COV	BN	M 12* 35		0.02								1-W,HDG
2	PR-SPL	PL	175* 18	620	0.43	E	0.22	M	0.43				
16	PR-SPL	TCB	M 22* 95		0.08	I	0.08						
JL2-JL3						A	0.02	E	0.85	G	0.10	H	0.75
JL2-JL3						I	0.27	K	0.01	L	0.30	M	3.36

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J6 JL3-JL4													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	470* 9	2690	2.53	H	1.26	M	2.53				
2	D-SPL	PL	470* 14	155	0.29	G	0.15	M	0.29				
7	D-SPL	PL	470* 14	230	1.51	G	0.76	M	1.51				
78	D-SPL	TCB	M 22* 75		0.39	K	0.07	L	0.33				
72	D-SPL	HTB	M 22* 80		0.48	K	0.18	L	0.30				
8	UR-SPL-I	PL	155* 10	320	0.79	G	0.40	M	0.79				
32	UR-SPL-I	TCB	M 22* 65		0.16	K	0.16						
4	COV	PL	120* 6	460	0.44								
4	COV-I	RB	13 ϕ	280	0.05	C	0.05						
32	COV	BN	M 12* 35		0.04								1-W,HDG
JL3-JL4						C	0.05	G	1.31	H	1.26	K	0.41
JL3-JL4						L	0.63	M	5.12				

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J6 JL4-JL5													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	470* 9	2630	2.47	H	1.24	M	2.47				
2	D-SPL-U	PL	470* 9	305	0.57	H	0.29	M	0.57				
2	D-SPL	PL	470* 14	245	0.46	E	0.23	M	0.46				
4	D-SPL	PL	470* 14	230	0.86	E	0.43	M	0.86				
4	D-SPL	PL	470* 14	280	1.05	E	0.53	M	1.05				
132	D-SPL	TCB	M 22* 75		0.67	I	0.11	L	0.55				
36	D-SPL	HTB	M 22* 80		0.24	I	0.09	L	0.15				
4	UR-SPL-O	PL	155* 10	320	0.40	E	0.10	G	0.10	M	0.40		

Caluculation of Steel Primer

(Unit: mm, m²)

16	UR-SPL-O	TCB	M 22* 65			0.08	I	0.07	K	0.01					
2	COV	PL	120* 6	460		0.22									
2	COV-O	RB	13 ϕ	280		0.02	A	0.02							
16	COV	BN	M 12* 35			0.02									1-W,HDG
10	PR-SPL	PL	175* 18	620		2.17	E	1.09	M	2.17					
80	PR-SPL	TCB	M 22* 95			0.40	I	0.40							
JL4-JL5							A	0.02	E	2.38	G	0.10	H	1.53	
							I	0.67	K	0.01	L	0.70	M	7.98	

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J6 JL5-JL6															
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks		
1	D-SPL-U	PL	470* 9	2690		2.53	H	1.26	M	2.53					
2	D-SPL	PL	470* 14	155		0.29	G	0.15	M	0.29					
7	D-SPL	PL	470* 14	230		1.51	G	0.76	M	1.51					
78	D-SPL	TCB	M 22* 75			0.39	K	0.07	L	0.33					
72	D-SPL	HTB	M 22* 80			0.48	K	0.18	L	0.30					
8	UR-SPL-I	PL	155* 10	320		0.79	G	0.40	M	0.79					
32	UR-SPL-I	TCB	M 22* 65			0.16	K	0.16							
4	COV	PL	120* 6	460		0.44									
4	COV-I	RB	13 ϕ	280		0.05	C	0.05							
32	COV	BN	M 12* 35			0.04									1-W,HDG
JL5-JL6							C	0.05	G	1.31	H	1.26	K	0.41	
							L	0.63	M	5.12					

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J6 JL6-JL6A															
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks		
1	D-SPL-U	PL	470* 9	305		0.29	H	0.14	M	0.29					
1	D-SPL-U	PL	470* 9	1570		1.48	H	0.74	M	1.48					
1	D-SPL-U	PL	470* 9	290		0.27	H	0.14	M	0.27					
1	D-SPL	PL	470* 14	245		0.23	E	0.12	M	0.23					
6	D-SPL	PL	470* 14	230		1.30	E	0.65	M	1.30					
60	D-SPL	TCB	M 22* 75			0.30	I	0.05	L	0.25					
54	D-SPL	HTB	M 22* 80			0.36	I	0.14	L	0.22					
6	UR-SPL-O	PL	155* 10	320		0.60	E	0.15	G	0.15	M	0.60			
24	UR-SPL-O	TCB	M 22* 65			0.12	I	0.10	K	0.02					
3	COV	PL	120* 6	460		0.33									
3	COV-O	RB	13 ϕ	280		0.03	A	0.03							
24	COV	BN	M 12* 35			0.03									1-W,HDG
JL6-JL6A							A	0.03	E	0.92	G	0.15	H	1.02	

Caluculation of Steel Primer

(Unit: mm, m²)

	I	0.29	K	0.02	L	0.47	M	4.17	
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APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J6 JL6A-JL6B														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
1	D-SPL-U	PL	470* 9	1570		1.48	H	0.74	M	1.48				
5	D-SPL	PL	470* 14	230		1.08	E	0.54	M	1.08				
36	D-SPL	TCB	M 22* 75			0.18	I	0.03	L	0.15				
54	D-SPL	HTB	M 22* 80			0.36	I	0.14	L	0.22				
6	UR-SPL-O	PL	155* 10	320		0.60	E	0.15	G	0.15	M	0.60		
24	UR-SPL-O	TCB	M 22* 65			0.12	I	0.10	K	0.02				
3	COV	PL	120* 6	460		0.33								
3	COV-O	RB	13 φ	280		0.03	A	0.03						
24	COV	BN	M 12* 35			0.03						1-W,HDG		
JL6A-JL6B							A	0.03	E	0.69	G	0.15	H	0.74
JL6A-JL6B							I	0.27	K	0.02	L	0.37	M	3.16

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J6 JL6B-JL7														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
1	D-SPL-U	PL	470* 9	290		0.27	H	0.14	M	0.27				
1	D-SPL-U	PL	470* 9	1511		1.42	H	0.71	M	1.42				
1	D-SPL-U	PL	470* 9	305		0.29	H	0.14	M	0.29				
4	D-SPL	PL	470* 14	230		0.86	E	0.43	M	0.86				
3	D-SPL	PL	470* 14	80		0.23	E	0.11	M	0.23				
1	D-SPL	PL	470* 14	245		0.23	E	0.12	M	0.23				
60	D-SPL	TCB	M 22* 75			0.30	I	0.05	L	0.25				
36	D-SPL	HTB	M 22* 80			0.24	I	0.09	L	0.15				
4	UR-SPL-O	PL	155* 10	320		0.40	E	0.10	G	0.10	M	0.40		
16	UR-SPL-O	TCB	M 22* 65			0.08	I	0.07	K	0.01				
2	COV	PL	120* 6	460		0.22								
2	COV-O	RB	13 φ	280		0.02	A	0.02						
16	COV	BN	M 12* 35			0.02						1-W,HDG		
6	PR-SPL	PL	175* 18	620		1.30	E	0.65	M	1.30				
48	PR-SPL	TCB	M 22* 95			0.24	I	0.24						
JL6B-JL7							A	0.02	E	1.41	G	0.10	H	0.99
JL6B-JL7							I	0.45	K	0.01	L	0.40	M	5.00

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J6 JL7-JL8												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	D-SPL-U	PL	470* 9	2975		2.80	H	1.40	M	2.80		

Caluculation of Steel Primer

(Unit: mm,m²)

1	D-SPL	PL	470* 14	223		0.21	G	0.10	M	0.21								
5	D-SPL	PL	470* 14	230		1.08	G	0.54	M	1.08								
4	D-SPL	PL	470* 14	80		0.30	G	0.15	M	0.30								
1	D-SPL	PL	470* 14	155		0.15	G	0.07	M	0.15								
48	D-SPL	TCB	M 22* 75			0.24	K	0.04	L	0.20								
96	D-SPL	HTB	M 22* 80			0.64	K	0.24	L	0.40								
10	UR-SPL-I	PL	155* 10	320		0.99	G	0.50	M	0.99								
40	UR-SPL-I	TCB	M 22* 65			0.20	K	0.20										
5	COV	PL	120* 6	460		0.55												
5	COV-I	RB	13 φ	280		0.06	C	0.06										
40	COV	BN	M 12* 35			0.06												1-W,HDG
JL7-JL8							C	0.06	G	1.36	H	1.40	K	0.48				
							L	0.60	M	5.53								

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J6 JL8-RR1																		
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area											Remarks
1	D-SPL-U	PL	470* 9	970		0.91	H	0.46	M	0.91								
1	D-SPL-U	PL	470* 9	305		0.29	H	0.14	M	0.29								
1	D-SPL	PL	470* 14	270		0.25	E	0.13	M	0.25								
2	D-SPL	PL	470* 14	250		0.47	E	0.24	M	0.47								
1	D-SPL	PL	470* 14	245		0.23	E	0.12	M	0.23								
66	D-SPL	TCB	M 22* 75			0.33	I	0.06	L	0.28								
1	ST-SPL	PL	255* 9	320		0.16	E	0.08	M	0.16								
1	ST-SPL	PL	335* 16	320		0.21	E	0.11	M	0.21								
12	ST-SPL	TCB	M 22* 70			0.06	I	0.06										
2	ST-SPL	PL	80* 9	320		0.10	E	0.05	M	0.10								
4	ST-SPL	TCB	M 22* 65			0.02	I	0.02										
6	PR-SPL	PL	175* 18	620		1.30	E	0.65	M	1.30								
48	PR-SPL	TCB	M 22* 95			0.24	I	0.24										
JL8-RR1							E	1.38	H	0.60	I	0.38	L	0.28				
							M	3.92										
J6							A	0.12	C	0.22	E	9.01	G	5.94				
							H	11.55	I	2.71	K	1.85	L	5.26				
							M	52.81										

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J7 LL1-JL1														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	470* 9	970		0.91	H	0.46	M	0.91				
1	D-SPL-U	PL	470* 9	305		0.29	H	0.14	M	0.29				
1	D-SPL	PL	470* 14	270		0.25	E	0.13	M	0.25				
2	D-SPL	PL	470* 14	250		0.47	E	0.24	M	0.47				
1	D-SPL	PL	470* 14	245		0.23	E	0.12	M	0.23				
66	D-SPL	TCB	M 22* 75			0.33	I	0.06	L	0.28				
1	ST-SPL	PL	255* 9	320		0.16	E	0.08	M	0.16				
1	ST-SPL	PL	335* 16	320		0.21	E	0.11	M	0.21				
12	ST-SPL	TCB	M 22* 70			0.06	I	0.06						
2	ST-SPL	PL	80* 9	320		0.10	E	0.05	M	0.10				
4	ST-SPL	TCB	M 22* 65			0.02	I	0.02						
6	PR-SPL	PL	175* 18	620		1.30	E	0.65	M	1.30				
48	PR-SPL	TCB	M 22* 95			0.24	I	0.24						
LL1-JL1							E	1.38	H	0.60	I	0.38	L	0.28
							M	3.92						

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J7 JL1-JL2														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	470* 9	2975		2.80	H	1.40	M	2.80				
1	D-SPL	PL	470* 14	223		0.21	G	0.10	M	0.21				
5	D-SPL	PL	470* 14	230		1.08	G	0.54	M	1.08				
4	D-SPL	PL	470* 14	80		0.30	G	0.15	M	0.30				
1	D-SPL	PL	470* 14	155		0.15	G	0.07	M	0.15				
48	D-SPL	TCB	M 22* 75			0.24	K	0.04	L	0.20				
96	D-SPL	HTB	M 22* 80			0.64	K	0.24	L	0.40				
10	UR-SPL-I	PL	155* 10	320		0.99	G	0.50	M	0.99				
40	UR-SPL-I	TCB	M 22* 65			0.20	K	0.20						
5	COV	PL	120* 6	460		0.55								
5	COV-I	RB	13 ϕ	280		0.06	C	0.06						
40	COV	BN	M 12* 35			0.06							1-W,HDG	
JL1-JL2							C	0.06	G	1.36	H	1.40	K	0.48
							L	0.60	M	5.53				

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J7 JL2-JL3													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	470* 9	980		0.92	H	0.46	M	0.92			
2	D-SPL-U	PL	470* 9	305		0.57	H	0.29	M	0.57			

Caluculation of Steel Primer

(Unit: mm,m²)

2	D-SPL	PL	470* 14	245	0.46	E	0.23	M	0.46				
2	D-SPL	PL	470* 14	230	0.43	E	0.22	M	0.43				
2	D-SPL	PL	470* 14	80	0.15	E	0.08	M	0.15				
36	D-SPL	TCB	M 22* 75		0.18	I	0.03	L	0.15				
36	D-SPL	HTB	M 22* 80		0.24	I	0.09	L	0.15				
4	UR-SPL-O	PL	155* 10	320	0.40	E	0.10	G	0.10	M	0.40		
16	UR-SPL-O	TCB	M 22* 65		0.08	I	0.07	K	0.01				
2	COV	PL	120* 6	460	0.22								
2	COV-O	RB	13 ϕ	280	0.02	A	0.02						
16	COV	BN	M 12* 35		0.02								1-W,HDG
2	PR-SPL	PL	175* 18	620	0.43	E	0.22	M	0.43				
16	PR-SPL	TCB	M 22* 95		0.08	I	0.08						
JL2-JL3						A	0.02	E	0.85	G	0.10	H	0.75
						I	0.27	K	0.01	L	0.30	M	3.36

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J7 JL3-JL4													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	470* 9	2690	2.53	H	1.26	M	2.53				
2	D-SPL	PL	470* 14	155	0.29	G	0.15	M	0.29				
7	D-SPL	PL	470* 14	230	1.51	G	0.76	M	1.51				
78	D-SPL	TCB	M 22* 75		0.39	K	0.07	L	0.33				
72	D-SPL	HTB	M 22* 80		0.48	K	0.18	L	0.30				
8	UR-SPL-I	PL	155* 10	320	0.79	G	0.40	M	0.79				
32	UR-SPL-I	TCB	M 22* 65		0.16	K	0.16						
4	COV	PL	120* 6	460	0.44								
4	COV-I	RB	13 ϕ	280	0.05	C	0.05						
32	COV	BN	M 12* 35		0.04								1-W,HDG
JL3-JL4						C	0.05	G	1.31	H	1.26	K	0.41
						L	0.63	M	5.12				

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J7 JL4-JL5													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	470* 9	2630	2.47	H	1.24	M	2.47				
2	D-SPL-U	PL	470* 9	305	0.57	H	0.29	M	0.57				
2	D-SPL	PL	470* 14	245	0.46	E	0.23	M	0.46				
4	D-SPL	PL	470* 14	230	0.86	E	0.43	M	0.86				
4	D-SPL	PL	470* 14	280	1.05	E	0.53	M	1.05				
132	D-SPL	TCB	M 22* 75		0.67	I	0.11	L	0.55				
36	D-SPL	HTB	M 22* 80		0.24	I	0.09	L	0.15				
4	UR-SPL-O	PL	155* 10	320	0.40	E	0.10	G	0.10	M	0.40		

Caluculation of Steel Primer

(Unit: mm, m²)

16	UR-SPL-O	TCB	M 22* 65			0.08	I	0.07	K	0.01					
2	COV	PL	120* 6	460		0.22									
2	COV-O	RB	13 φ	280		0.02	A	0.02							
16	COV	BN	M 12* 35			0.02									1-W,HDG
10	PR-SPL	PL	175* 18	620		2.17	E	1.09	M	2.17					
80	PR-SPL	TCB	M 22* 95			0.40	I	0.40							
JL4-JL5							A	0.02	E	2.38	G	0.10	H	1.53	
							I	0.67	K	0.01	L	0.70	M	7.98	

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J7 JL5-JL6															
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks		
1	D-SPL-U	PL	470* 9	2690		2.53	H	1.26	M	2.53					
2	D-SPL	PL	470* 14	155		0.29	G	0.15	M	0.29					
7	D-SPL	PL	470* 14	230		1.51	G	0.76	M	1.51					
78	D-SPL	TCB	M 22* 75			0.39	K	0.07	L	0.33					
72	D-SPL	HTB	M 22* 80			0.48	K	0.18	L	0.30					
8	UR-SPL-I	PL	155* 10	320		0.79	G	0.40	M	0.79					
32	UR-SPL-I	TCB	M 22* 65			0.16	K	0.16							
4	COV	PL	120* 6	460		0.44									
4	COV-I	RB	13 φ	280		0.05	C	0.05							
32	COV	BN	M 12* 35			0.04									1-W,HDG
JL5-JL6							C	0.05	G	1.31	H	1.26	K	0.41	
							L	0.63	M	5.12					

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J7 JL6-JL6A															
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks		
1	D-SPL-U	PL	470* 9	305		0.29	H	0.14	M	0.29					
1	D-SPL-U	PL	470* 9	1570		1.48	H	0.74	M	1.48					
1	D-SPL-U	PL	470* 9	290		0.27	H	0.14	M	0.27					
1	D-SPL	PL	470* 14	245		0.23	E	0.12	M	0.23					
6	D-SPL	PL	470* 14	230		1.30	E	0.65	M	1.30					
60	D-SPL	TCB	M 22* 75			0.30	I	0.05	L	0.25					
54	D-SPL	HTB	M 22* 80			0.36	I	0.14	L	0.22					
6	UR-SPL-O	PL	155* 10	320		0.60	E	0.15	G	0.15	M	0.60			
24	UR-SPL-O	TCB	M 22* 65			0.12	I	0.10	K	0.02					
3	COV	PL	120* 6	460		0.33									
3	COV-O	RB	13 φ	280		0.03	A	0.03							
24	COV	BN	M 12* 35			0.03									1-W,HDG
JL6-JL6A							A	0.03	E	0.92	G	0.15	H	1.02	

Caluculation of Steel Primer

(Unit: mm, m²)

	I	0.29	K	0.02	L	0.47	M	4.17	
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APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J7 JL6A-JL6B														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
1	D-SPL-U	PL	470* 9	1570		1.48	H	0.74	M	1.48				
5	D-SPL	PL	470* 14	230		1.08	E	0.54	M	1.08				
36	D-SPL	TCB	M 22* 75			0.18	I	0.03	L	0.15				
54	D-SPL	HTB	M 22* 80			0.36	I	0.14	L	0.22				
6	UR-SPL-O	PL	155* 10	320		0.60	E	0.15	G	0.15	M	0.60		
24	UR-SPL-O	TCB	M 22* 65			0.12	I	0.10	K	0.02				
3	COV	PL	120* 6	460		0.33								
3	COV-O	RB	13 φ	280		0.03	A	0.03						
24	COV	BN	M 12* 35			0.03						1-W,HDG		
JL6A-JL6B							A	0.03	E	0.69	G	0.15	H	0.74
JL6A-JL6B							I	0.27	K	0.02	L	0.37	M	3.16

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J7 JL6B-JL7														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
1	D-SPL-U	PL	470* 9	290		0.27	H	0.14	M	0.27				
1	D-SPL-U	PL	470* 9	1252		1.18	H	0.59	M	1.18				
1	D-SPL-U	PL	470* 9	305		0.29	H	0.14	M	0.29				
3	D-SPL	PL	470* 14	230		0.65	E	0.32	M	0.65				
1	D-SPL	PL	470* 14	155		0.15	E	0.07	M	0.15				
1	D-SPL	PL	470* 14	158		0.15	E	0.07	M	0.15				
1	D-SPL	PL	470* 14	80		0.08	E	0.04	M	0.08				
1	D-SPL	PL	470* 14	245		0.23	E	0.12	M	0.23				
54	D-SPL	TCB	M 22* 75			0.27	I	0.05	L	0.23				
36	D-SPL	HTB	M 22* 80			0.24	I	0.09	L	0.15				
4	UR-SPL-O	PL	155* 10	320		0.40	E	0.10	G	0.10	M	0.40		
16	UR-SPL-O	TCB	M 22* 65			0.08	I	0.07	K	0.01				
2	COV	PL	120* 6	460		0.22								
2	COV-O	RB	13 φ	280		0.02	A	0.02						
16	COV	BN	M 12* 35			0.02						1-W,HDG		
4	PR-SPL	PL	175* 18	620		0.87	E	0.43	M	0.87				
32	PR-SPL	TCB	M 22* 95			0.16	I	0.16						
JL6B-JL7							A	0.02	E	1.15	G	0.10	H	0.87
JL6B-JL7							I	0.37	K	0.01	L	0.38	M	4.27

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J7 JL7-JL8										
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Caluculation of Steel Primer

(Unit: mm,m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	470* 9	2975		2.80	H	1.40	M	2.80				
1	D-SPL	PL	470* 14	223		0.21	G	0.10	M	0.21				
5	D-SPL	PL	470* 14	230		1.08	G	0.54	M	1.08				
4	D-SPL	PL	470* 14	80		0.30	G	0.15	M	0.30				
1	D-SPL	PL	470* 14	155		0.15	G	0.07	M	0.15				
48	D-SPL	TCB	M 22* 75			0.24	K	0.04	L	0.20				
96	D-SPL	HTB	M 22* 80			0.64	K	0.24	L	0.40				
10	UR-SPL-I	PL	155* 10	320		0.99	G	0.50	M	0.99				
40	UR-SPL-I	TCB	M 22* 65			0.20	K	0.20						
5	COV	PL	120* 6	460		0.55								
5	COV-I	RB	13 ϕ	280		0.06	C	0.06						
40	COV	BN	M 12* 35			0.06								1-W,HDG
JL7-JL8							C	0.06	G	1.36	H	1.40	K	0.48
							L	0.60	M	5.53				

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J7 JL8-RR1														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	470* 9	970		0.91	H	0.46	M	0.91				
1	D-SPL-U	PL	470* 9	305		0.29	H	0.14	M	0.29				
1	D-SPL	PL	470* 14	270		0.25	E	0.13	M	0.25				
2	D-SPL	PL	470* 14	250		0.47	E	0.24	M	0.47				
1	D-SPL	PL	470* 14	245		0.23	E	0.12	M	0.23				
66	D-SPL	TCB	M 22* 75			0.33	I	0.06	L	0.28				
1	ST-SPL	PL	255* 9	320		0.16	E	0.08	M	0.16				
1	ST-SPL	PL	335* 16	320		0.21	E	0.11	M	0.21				
12	ST-SPL	TCB	M 22* 70			0.06	I	0.06						
2	ST-SPL	PL	80* 9	320		0.10	E	0.05	M	0.10				
4	ST-SPL	TCB	M 22* 65			0.02	I	0.02						
6	PR-SPL	PL	175* 18	620		1.30	E	0.65	M	1.30				
48	PR-SPL	TCB	M 22* 95			0.24	I	0.24						
JL8-RR1							E	1.38	H	0.60	I	0.38	L	0.28
							M	3.92						
J7							A	0.12	C	0.22	E	8.75	G	5.94
							H	11.43	I	2.63	K	1.85	L	5.24
							M	52.08						

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J8 LL1-JL1														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	470* 9	970		0.91	H	0.46	M	0.91				
1	D-SPL-U	PL	470* 9	305		0.29	H	0.14	M	0.29				
1	D-SPL	PL	470* 14	270		0.25	E	0.13	M	0.25				
2	D-SPL	PL	470* 14	250		0.47	E	0.24	M	0.47				
1	D-SPL	PL	470* 14	245		0.23	E	0.12	M	0.23				
66	D-SPL	TCB	M 22* 75			0.33	I	0.06	L	0.28				
1	ST-SPL	PL	255* 9	320		0.16	E	0.08	M	0.16				
1	ST-SPL	PL	335* 16	320		0.21	E	0.11	M	0.21				
12	ST-SPL	TCB	M 22* 70			0.06	I	0.06						
2	ST-SPL	PL	80* 9	320		0.10	E	0.05	M	0.10				
4	ST-SPL	TCB	M 22* 65			0.02	I	0.02						
6	PR-SPL	PL	175* 18	620		1.30	E	0.65	M	1.30				
48	PR-SPL	TCB	M 22* 95			0.24	I	0.24						
LL1-JL1							E	1.38	H	0.60	I	0.38	L	0.28
							M	3.92						

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J8 JL1-JL2														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	470* 9	2975		2.80	H	1.40	M	2.80				
1	D-SPL	PL	470* 14	223		0.21	G	0.10	M	0.21				
5	D-SPL	PL	470* 14	230		1.08	G	0.54	M	1.08				
4	D-SPL	PL	470* 14	80		0.30	G	0.15	M	0.30				
1	D-SPL	PL	470* 14	155		0.15	G	0.07	M	0.15				
48	D-SPL	TCB	M 22* 75			0.24	K	0.04	L	0.20				
96	D-SPL	HTB	M 22* 80			0.64	K	0.24	L	0.40				
10	UR-SPL-I	PL	155* 10	320		0.99	G	0.50	M	0.99				
40	UR-SPL-I	TCB	M 22* 65			0.20	K	0.20						
5	COV	PL	120* 6	460		0.55								
5	COV-I	RB	13 ϕ	280		0.06	C	0.06						
40	COV	BN	M 12* 35			0.06							1-W,HDG	
JL1-JL2							C	0.06	G	1.36	H	1.40	K	0.48
							L	0.60	M	5.53				

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J8 JL2-JL3													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	470* 9	980		0.92	H	0.46	M	0.92			
2	D-SPL-U	PL	470* 9	305		0.57	H	0.29	M	0.57			

Caluculation of Steel Primer

(Unit: mm,m²)

2	D-SPL	PL	470* 14	245	0.46	E	0.23	M	0.46				
2	D-SPL	PL	470* 14	230	0.43	E	0.22	M	0.43				
2	D-SPL	PL	470* 14	80	0.15	E	0.08	M	0.15				
36	D-SPL	TCB	M 22* 75		0.18	I	0.03	L	0.15				
36	D-SPL	HTB	M 22* 80		0.24	I	0.09	L	0.15				
4	UR-SPL-O	PL	155* 10	320	0.40	E	0.10	G	0.10	M	0.40		
16	UR-SPL-O	TCB	M 22* 65		0.08	I	0.07	K	0.01				
2	COV	PL	120* 6	460	0.22								
2	COV-O	RB	13 ϕ	280	0.02	A	0.02						
16	COV	BN	M 12* 35		0.02								1-W,HDG
2	PR-SPL	PL	175* 18	620	0.43	E	0.22	M	0.43				
16	PR-SPL	TCB	M 22* 95		0.08	I	0.08						
JL2-JL3						A	0.02	E	0.85	G	0.10	H	0.75
						I	0.27	K	0.01	L	0.30	M	3.36

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J8 JL3-JL4													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	470* 9	2690	2.53	H	1.26	M	2.53				
2	D-SPL	PL	470* 14	155	0.29	G	0.15	M	0.29				
7	D-SPL	PL	470* 14	230	1.51	G	0.76	M	1.51				
78	D-SPL	TCB	M 22* 75		0.39	K	0.07	L	0.33				
72	D-SPL	HTB	M 22* 80		0.48	K	0.18	L	0.30				
8	UR-SPL-I	PL	155* 10	320	0.79	G	0.40	M	0.79				
32	UR-SPL-I	TCB	M 22* 65		0.16	K	0.16						
4	COV	PL	120* 6	460	0.44								
4	COV-I	RB	13 ϕ	280	0.05	C	0.05						
32	COV	BN	M 12* 35		0.04								1-W,HDG
JL3-JL4						C	0.05	G	1.31	H	1.26	K	0.41
						L	0.63	M	5.12				

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J8 JL4-JL5													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	470* 9	2630	2.47	H	1.24	M	2.47				
2	D-SPL-U	PL	470* 9	305	0.57	H	0.29	M	0.57				
2	D-SPL	PL	470* 14	245	0.46	E	0.23	M	0.46				
4	D-SPL	PL	470* 14	230	0.86	E	0.43	M	0.86				
4	D-SPL	PL	470* 14	280	1.05	E	0.53	M	1.05				
132	D-SPL	TCB	M 22* 75		0.67	I	0.11	L	0.55				
36	D-SPL	HTB	M 22* 80		0.24	I	0.09	L	0.15				
4	UR-SPL-O	PL	155* 10	320	0.40	E	0.10	G	0.10	M	0.40		

Caluculation of Steel Primer

(Unit: mm, m²)

16	UR-SPL-O	TCB	M 22* 65			0.08	I	0.07	K	0.01					
2	COV	PL	120* 6	460		0.22									
2	COV-O	RB	13 φ	280		0.02	A	0.02							
16	COV	BN	M 12* 35			0.02									1-W,HDG
10	PR-SPL	PL	175* 18	620		2.17	E	1.09	M	2.17					
80	PR-SPL	TCB	M 22* 95			0.40	I	0.40							
JL4-JL5							A	0.02	E	2.38	G	0.10	H	1.53	
							I	0.67	K	0.01	L	0.70	M	7.98	

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J8 JL5-JL6															
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks		
1	D-SPL-U	PL	470* 9	2690		2.53	H	1.26	M	2.53					
2	D-SPL	PL	470* 14	155		0.29	G	0.15	M	0.29					
7	D-SPL	PL	470* 14	230		1.51	G	0.76	M	1.51					
78	D-SPL	TCB	M 22* 75			0.39	K	0.07	L	0.33					
72	D-SPL	HTB	M 22* 80			0.48	K	0.18	L	0.30					
8	UR-SPL-I	PL	155* 10	320		0.79	G	0.40	M	0.79					
32	UR-SPL-I	TCB	M 22* 65			0.16	K	0.16							
4	COV	PL	120* 6	460		0.44									
4	COV-I	RB	13 φ	280		0.05	C	0.05							
32	COV	BN	M 12* 35			0.04									1-W,HDG
JL5-JL6							C	0.05	G	1.31	H	1.26	K	0.41	
							L	0.63	M	5.12					

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J8 JL6-JL6A															
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks		
1	D-SPL-U	PL	470* 9	305		0.29	H	0.14	M	0.29					
1	D-SPL-U	PL	470* 9	1570		1.48	H	0.74	M	1.48					
1	D-SPL-U	PL	470* 9	290		0.27	H	0.14	M	0.27					
1	D-SPL	PL	470* 14	245		0.23	E	0.12	M	0.23					
6	D-SPL	PL	470* 14	230		1.30	E	0.65	M	1.30					
60	D-SPL	TCB	M 22* 75			0.30	I	0.05	L	0.25					
54	D-SPL	HTB	M 22* 80			0.36	I	0.14	L	0.22					
6	UR-SPL-O	PL	155* 10	320		0.60	E	0.15	G	0.15	M	0.60			
24	UR-SPL-O	TCB	M 22* 65			0.12	I	0.10	K	0.02					
3	COV	PL	120* 6	460		0.33									
3	COV-O	RB	13 φ	280		0.03	A	0.03							
24	COV	BN	M 12* 35			0.03									1-W,HDG
JL6-JL6A							A	0.03	E	0.92	G	0.15	H	1.02	

Caluculation of Steel Primer

(Unit: mm, m²)

	I	0.29	K	0.02	L	0.47	M	4.17	
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APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J8 JL6A-JL6B														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area			Remarks				
1	D-SPL-U	PL	470* 9	1570		1.48	H	0.74	M	1.48				
5	D-SPL	PL	470* 14	230		1.08	E	0.54	M	1.08				
36	D-SPL	TCB	M 22* 75			0.18	I	0.03	L	0.15				
54	D-SPL	HTB	M 22* 80			0.36	I	0.14	L	0.22				
JL6A-JL6B							E	0.54	H	0.74	I	0.17	L	0.37
							M	2.56						

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J8 JL6B-JL7														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area			Remarks				
1	D-SPL-U	PL	470* 9	290		0.27	H	0.14	M	0.27				
1	D-SPL-U	PL	470* 9	1037		0.97	H	0.49	M	0.97				
1	D-SPL-U	PL	470* 9	305		0.29	H	0.14	M	0.29				
2	D-SPL	PL	470* 14	230		0.43	E	0.22	M	0.43				
1	D-SPL	PL	470* 14	212		0.20	E	0.10	M	0.20				
1	D-SPL	PL	470* 14	200		0.19	E	0.09	M	0.19				
1	D-SPL	PL	470* 14	80		0.08	E	0.04	M	0.08				
1	D-SPL	PL	470* 14	245		0.23	E	0.12	M	0.23				
54	D-SPL	TCB	M 22* 75			0.27	I	0.05	L	0.23				
18	D-SPL	HTB	M 22* 80			0.12	I	0.05	L	0.07				
8	UR-SPL-O	PL	155* 10	320		0.79	E	0.20	G	0.20	M	0.79		
32	UR-SPL-O	TCB	M 22* 65			0.16	I	0.13	K	0.03				
4	COV	PL	120* 6	460		0.44								
4	COV-O	RB	13 φ	280		0.05	A	0.05						
32	COV	BN	M 12* 35			0.04							1-W,HDG	
6	PR-SPL	PL	175* 18	620		1.30	E	0.65	M	1.30				
48	PR-SPL	TCB	M 22* 95			0.24	I	0.24						
JL6B-JL7							A	0.05	E	1.42	G	0.20	H	0.77
							I	0.47	K	0.03	L	0.30	M	4.75

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J8 JL7-JL8													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area			Remarks			
1	D-SPL-U	PL	470* 9	2975		2.80	H	1.40	M	2.80			
1	D-SPL	PL	470* 14	223		0.21	G	0.10	M	0.21			
5	D-SPL	PL	470* 14	230		1.08	G	0.54	M	1.08			
4	D-SPL	PL	470* 14	80		0.30	G	0.15	M	0.30			

Caluculation of Steel Primer

(Unit: mm,m²)

1	D-SPL	PL	470* 14	155	0.15	G	0.07	M	0.15				
48	D-SPL	TCB	M 22* 75		0.24	K	0.04	L	0.20				
96	D-SPL	HTB	M 22* 80		0.64	K	0.24	L	0.40				
10	UR-SPL-I	PL	155* 10	320	0.99	G	0.50	M	0.99				
40	UR-SPL-I	TCB	M 22* 65		0.20	K	0.20						
5	COV	PL	120* 6	460	0.55								
5	COV-I	RB	13 ϕ	280	0.06	C	0.06						
40	COV	BN	M 12* 35		0.06								1-W,HDG
JL7-JL8						C	0.06	G	1.36	H	1.40	K	0.48
						L	0.60	M	5.53				

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J8 JL8-RR1													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	470* 9	970	0.91	H	0.46	M	0.91				
1	D-SPL-U	PL	470* 9	305	0.29	H	0.14	M	0.29				
1	D-SPL	PL	470* 14	270	0.25	E	0.13	M	0.25				
2	D-SPL	PL	470* 14	250	0.47	E	0.24	M	0.47				
1	D-SPL	PL	470* 14	245	0.23	E	0.12	M	0.23				
66	D-SPL	TCB	M 22* 75		0.33	I	0.06	L	0.28				
1	ST-SPL	PL	255* 9	320	0.16	E	0.08	M	0.16				
1	ST-SPL	PL	335* 16	320	0.21	E	0.11	M	0.21				
12	ST-SPL	TCB	M 22* 70		0.06	I	0.06						
2	ST-SPL	PL	80* 9	320	0.10	E	0.05	M	0.10				
4	ST-SPL	TCB	M 22* 65		0.02	I	0.02						
6	PR-SPL	PL	175* 18	620	1.30	E	0.65	M	1.30				
48	PR-SPL	TCB	M 22* 95		0.24	I	0.24						
JL8-RR1						E	1.38	H	0.60	I	0.38	L	0.28
						M	3.92						
J8						A	0.12	C	0.22	E	8.87	G	5.89
						H	11.33	I	2.63	K	1.85	L	5.16
						M	51.96						

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J9 LL1-JL1														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	470* 9	970		0.91	H	0.46	M	0.91				
1	D-SPL-U	PL	470* 9	305		0.29	H	0.14	M	0.29				
1	D-SPL	PL	470* 14	270		0.25	E	0.13	M	0.25				
2	D-SPL	PL	470* 14	250		0.47	E	0.24	M	0.47				
1	D-SPL	PL	470* 14	245		0.23	E	0.12	M	0.23				
66	D-SPL	TCB	M 22* 75			0.33	I	0.06	L	0.28				
1	ST-SPL	PL	255* 9	320		0.16	E	0.08	M	0.16				
1	ST-SPL	PL	335* 16	320		0.21	E	0.11	M	0.21				
12	ST-SPL	TCB	M 22* 70			0.06	I	0.06						
2	ST-SPL	PL	80* 9	320		0.10	E	0.05	M	0.10				
4	ST-SPL	TCB	M 22* 65			0.02	I	0.02						
6	PR-SPL	PL	175* 18	620		1.30	E	0.65	M	1.30				
48	PR-SPL	TCB	M 22* 95			0.24	I	0.24						
LL1-JL1							E	1.38	H	0.60	I	0.38	L	0.28
							M	3.92						

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J9 JL1-JL2														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	470* 9	2975		2.80	H	1.40	M	2.80				
1	D-SPL	PL	470* 14	223		0.21	G	0.10	M	0.21				
5	D-SPL	PL	470* 14	230		1.08	G	0.54	M	1.08				
4	D-SPL	PL	470* 14	80		0.30	G	0.15	M	0.30				
1	D-SPL	PL	470* 14	155		0.15	G	0.07	M	0.15				
48	D-SPL	TCB	M 22* 75			0.24	K	0.04	L	0.20				
96	D-SPL	HTB	M 22* 80			0.64	K	0.24	L	0.40				
10	UR-SPL-I	PL	155* 10	320		0.99	G	0.50	M	0.99				
40	UR-SPL-I	TCB	M 22* 65			0.20	K	0.20						
5	COV	PL	120* 6	460		0.55								
5	COV-I	RB	13 ϕ	280		0.06	C	0.06						
40	COV	BN	M 12* 35			0.06							1-W,HDG	
JL1-JL2							C	0.06	G	1.36	H	1.40	K	0.48
							L	0.60	M	5.53				

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J9 JL2-JL3													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	470* 9	980		0.92	H	0.46	M	0.92			
2	D-SPL-U	PL	470* 9	305		0.57	H	0.29	M	0.57			

Caluculation of Steel Primer

(Unit: mm,m²)

2	D-SPL	PL	470* 14	245	0.46	E	0.23	M	0.46				
2	D-SPL	PL	470* 14	230	0.43	E	0.22	M	0.43				
2	D-SPL	PL	470* 14	80	0.15	E	0.08	M	0.15				
36	D-SPL	TCB	M 22* 75		0.18	I	0.03	L	0.15				
36	D-SPL	HTB	M 22* 80		0.24	I	0.09	L	0.15				
4	UR-SPL-O	PL	155* 10	320	0.40	E	0.10	G	0.10	M	0.40		
16	UR-SPL-O	TCB	M 22* 65		0.08	I	0.07	K	0.01				
2	COV	PL	120* 6	460	0.22								
2	COV-O	RB	13 ϕ	280	0.02	A	0.02						
16	COV	BN	M 12* 35		0.02								1-W,HDG
2	PR-SPL	PL	175* 18	620	0.43	E	0.22	M	0.43				
16	PR-SPL	TCB	M 22* 95		0.08	I	0.08						
JL2-JL3						A	0.02	E	0.85	G	0.10	H	0.75
						I	0.27	K	0.01	L	0.30	M	3.36

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J9 JL3-JL4													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	470* 9	2690	2.53	H	1.26	M	2.53				
2	D-SPL	PL	470* 14	155	0.29	G	0.15	M	0.29				
7	D-SPL	PL	470* 14	230	1.51	G	0.76	M	1.51				
78	D-SPL	TCB	M 22* 75		0.39	K	0.07	L	0.33				
72	D-SPL	HTB	M 22* 80		0.48	K	0.18	L	0.30				
8	UR-SPL-I	PL	155* 10	320	0.79	G	0.40	M	0.79				
32	UR-SPL-I	TCB	M 22* 65		0.16	K	0.16						
4	COV	PL	120* 6	460	0.44								
4	COV-I	RB	13 ϕ	280	0.05	C	0.05						
32	COV	BN	M 12* 35		0.04								1-W,HDG
JL3-JL4						C	0.05	G	1.31	H	1.26	K	0.41
						L	0.63	M	5.12				

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J9 JL4-JL5													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	470* 9	2630	2.47	H	1.24	M	2.47				
2	D-SPL-U	PL	470* 9	305	0.57	H	0.29	M	0.57				
2	D-SPL	PL	470* 14	245	0.46	E	0.23	M	0.46				
4	D-SPL	PL	470* 14	230	0.86	E	0.43	M	0.86				
4	D-SPL	PL	470* 14	280	1.05	E	0.53	M	1.05				
132	D-SPL	TCB	M 22* 75		0.67	I	0.11	L	0.55				
36	D-SPL	HTB	M 22* 80		0.24	I	0.09	L	0.15				
4	UR-SPL-O	PL	155* 10	320	0.40	E	0.10	G	0.10	M	0.40		

Caluculation of Steel Primer

(Unit: mm, m²)

16	UR-SPL-O	TCB	M 22* 65			0.08	I	0.07	K	0.01							
2	COV	PL	120* 6	460		0.22											
2	COV-O	RB	13 φ	280		0.02	A	0.02									
16	COV	BN	M 12* 35			0.02											1-W,HDG
10	PR-SPL	PL	175* 18	620		2.17	E	1.09	M	2.17							
80	PR-SPL	TCB	M 22* 95			0.40	I	0.40									
JL4-JL5							A	0.02	E	2.38	G	0.10	H	1.53			
JL4-JL5							I	0.67	K	0.01	L	0.70	M	7.98			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J9 JL5-JL6																	
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area										Remarks
1	D-SPL-U	PL	470* 9	2690		2.53	H	1.26	M	2.53							
2	D-SPL	PL	470* 14	155		0.29	G	0.15	M	0.29							
7	D-SPL	PL	470* 14	230		1.51	G	0.76	M	1.51							
78	D-SPL	TCB	M 22* 75			0.39	K	0.07	L	0.33							
72	D-SPL	HTB	M 22* 80			0.48	K	0.18	L	0.30							
8	UR-SPL-I	PL	155* 10	320		0.79	G	0.40	M	0.79							
32	UR-SPL-I	TCB	M 22* 65			0.16	K	0.16									
4	COV	PL	120* 6	460		0.44											
4	COV-I	RB	13 φ	280		0.05	C	0.05									
32	COV	BN	M 12* 35			0.04											1-W,HDG
JL5-JL6							C	0.05	G	1.31	H	1.26	K	0.41			
JL5-JL6							L	0.63	M	5.12							

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J9 JL6-JL6A																	
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area										Remarks
1	D-SPL-U	PL	470* 9	305		0.29	H	0.14	M	0.29							
1	D-SPL-U	PL	470* 9	1570		1.48	H	0.74	M	1.48							
1	D-SPL-U	PL	470* 9	290		0.27	H	0.14	M	0.27							
1	D-SPL	PL	470* 14	245		0.23	E	0.12	M	0.23							
6	D-SPL	PL	470* 14	230		1.30	E	0.65	M	1.30							
60	D-SPL	TCB	M 22* 75			0.30	I	0.05	L	0.25							
54	D-SPL	HTB	M 22* 80			0.36	I	0.14	L	0.22							
6	UR-SPL-O	PL	155* 10	320		0.60	E	0.15	G	0.15	M	0.60					
24	UR-SPL-O	TCB	M 22* 65			0.12	I	0.10	K	0.02							
3	COV	PL	120* 6	460		0.33											
3	COV-O	RB	13 φ	280		0.03	A	0.03									
24	COV	BN	M 12* 35			0.03											1-W,HDG
JL6-JL6A							A	0.03	E	0.92	G	0.15	H	1.02			

Caluculation of Steel Primer

(Unit: mm, m²)

	I	0.29	K	0.02	L	0.47	M	4.17	
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APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J9 JL6A-JL7															
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area			Remarks					
1	D-SPL-U	PL	470* 9	2784		2.62	H	1.31	M	2.62					
1	D-SPL-U	PL	470* 9	305		0.29	H	0.14	M	0.29					
7	D-SPL	PL	470* 14	230		1.51	E	0.76	M	1.51					
3	D-SPL	PL	470* 14	80		0.23	E	0.11	M	0.23					
1	D-SPL	PL	470* 14	245		0.23	E	0.12	M	0.23					
84	D-SPL	TCB	M 22* 75			0.43	I	0.07	L	0.35					
72	D-SPL	HTB	M 22* 80			0.48	I	0.18	L	0.30					
8	UR-SPL-O	PL	155* 10	320		0.79	E	0.20	G	0.20	M 0.79				
32	UR-SPL-O	TCB	M 22* 65			0.16	I	0.13	K	0.03					
4	COV	PL	120* 6	460		0.44									
4	COV-O	RB	13 ϕ	280		0.05	A	0.05							
32	COV	BN	M 12* 35			0.04					1-W,HDG				
6	PR-SPL	PL	175* 18	620		1.30	E	0.65	M	1.30					
48	PR-SPL	TCB	M 22* 95			0.24	I	0.24							
JL6A-JL7							A	0.05	E	1.84	G	0.20	H	1.45	
JL6A-JL7							I	0.62	K	0.03	L	0.65	M	6.97	

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J9 JL7-JL8															
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area			Remarks					
1	D-SPL-U	PL	470* 9	2975		2.80	H	1.40	M	2.80					
1	D-SPL	PL	470* 14	223		0.21	G	0.10	M	0.21					
5	D-SPL	PL	470* 14	230		1.08	G	0.54	M	1.08					
4	D-SPL	PL	470* 14	80		0.30	G	0.15	M	0.30					
1	D-SPL	PL	470* 14	155		0.15	G	0.07	M	0.15					
48	D-SPL	TCB	M 22* 75			0.24	K	0.04	L	0.20					
96	D-SPL	HTB	M 22* 80			0.64	K	0.24	L	0.40					
10	UR-SPL-I	PL	155* 10	320		0.99	G	0.50	M	0.99					
40	UR-SPL-I	TCB	M 22* 65			0.20	K	0.20							
5	COV	PL	120* 6	460		0.55									
5	COV-I	RB	13 ϕ	280		0.06	C	0.06							
40	COV	BN	M 12* 35			0.06					1-W,HDG				
JL7-JL8							C	0.06	G	1.36	H	1.40	K	0.48	
JL7-JL8							L	0.60	M	5.53					

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J9 JL8-RR1									

Caluculation of Steel Primer

(Unit: mm,m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	470* 9	970		0.91	H	0.46	M	0.91				
1	D-SPL-U	PL	470* 9	305		0.29	H	0.14	M	0.29				
1	D-SPL	PL	470* 14	270		0.25	E	0.13	M	0.25				
2	D-SPL	PL	470* 14	250		0.47	E	0.24	M	0.47				
1	D-SPL	PL	470* 14	245		0.23	E	0.12	M	0.23				
66	D-SPL	TCB	M 22* 75			0.33	I	0.06	L	0.28				
1	ST-SPL	PL	255* 9	320		0.16	E	0.08	M	0.16				
1	ST-SPL	PL	335* 16	320		0.21	E	0.11	M	0.21				
12	ST-SPL	TCB	M 22* 70			0.06	I	0.06						
2	ST-SPL	PL	80* 9	320		0.10	E	0.05	M	0.10				
4	ST-SPL	TCB	M 22* 65			0.02	I	0.02						
6	PR-SPL	PL	175* 18	620		1.30	E	0.65	M	1.30				
48	PR-SPL	TCB	M 22* 95			0.24	I	0.24						
JL8-RR1							E	1.38	H	0.60	I	0.38	L	0.28
							M	3.92						
J9							A	0.12	C	0.22	E	8.75	G	5.89
							H	11.27	I	2.61	K	1.85	L	5.14
							M	51.62						

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J10 LL1-JL1														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	470* 9	970		0.91	H	0.46	M	0.91				
1	D-SPL-U	PL	470* 9	305		0.29	H	0.14	M	0.29				
1	D-SPL	PL	470* 14	270		0.25	E	0.13	M	0.25				
2	D-SPL	PL	470* 14	250		0.47	E	0.24	M	0.47				
1	D-SPL	PL	470* 14	245		0.23	E	0.12	M	0.23				
66	D-SPL	TCB	M 22* 75			0.33	I	0.06	L	0.28				
1	ST-SPL	PL	255* 9	320		0.16	E	0.08	M	0.16				
1	ST-SPL	PL	335* 16	320		0.21	E	0.11	M	0.21				
12	ST-SPL	TCB	M 22* 70			0.06	I	0.06						
2	ST-SPL	PL	80* 9	320		0.10	E	0.05	M	0.10				
4	ST-SPL	TCB	M 22* 65			0.02	I	0.02						
6	PR-SPL	PL	175* 18	620		1.30	E	0.65	M	1.30				
48	PR-SPL	TCB	M 22* 95			0.24	I	0.24						
LL1-JL1							E	1.38	H	0.60	I	0.38	L	0.28
							M	3.92						

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J10 JL1-JL2														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	470* 9	2975		2.80	H	1.40	M	2.80				
1	D-SPL	PL	470* 14	223		0.21	G	0.10	M	0.21				
5	D-SPL	PL	470* 14	230		1.08	G	0.54	M	1.08				
4	D-SPL	PL	470* 14	80		0.30	G	0.15	M	0.30				
1	D-SPL	PL	470* 14	155		0.15	G	0.07	M	0.15				
48	D-SPL	TCB	M 22* 75			0.24	K	0.04	L	0.20				
96	D-SPL	HTB	M 22* 80			0.64	K	0.24	L	0.40				
10	UR-SPL-I	PL	155* 10	320		0.99	G	0.50	M	0.99				
40	UR-SPL-I	TCB	M 22* 65			0.20	K	0.20						
5	COV	PL	120* 6	460		0.55								
5	COV-I	RB	13 ϕ	280		0.06	C	0.06						
40	COV	BN	M 12* 35			0.06							1-W,HDG	
JL1-JL2							C	0.06	G	1.36	H	1.40	K	0.48
							L	0.60	M	5.53				

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J10 JL2-JL3													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	470* 9	980		0.92	H	0.46	M	0.92			
2	D-SPL-U	PL	470* 9	305		0.57	H	0.29	M	0.57			

Caluculation of Steel Primer

(Unit: mm,m²)

2	D-SPL	PL	470* 14	245	0.46	E	0.23	M	0.46				
2	D-SPL	PL	470* 14	230	0.43	E	0.22	M	0.43				
2	D-SPL	PL	470* 14	80	0.15	E	0.08	M	0.15				
36	D-SPL	TCB	M 22* 75		0.18	I	0.03	L	0.15				
36	D-SPL	HTB	M 22* 80		0.24	I	0.09	L	0.15				
4	UR-SPL-O	PL	155* 10	320	0.40	E	0.10	G	0.10	M	0.40		
16	UR-SPL-O	TCB	M 22* 65		0.08	I	0.07	K	0.01				
2	COV	PL	120* 6	460	0.22								
2	COV-O	RB	13 ϕ	280	0.02	A	0.02						
16	COV	BN	M 12* 35		0.02								1-W,HDG
2	PR-SPL	PL	175* 18	620	0.43	E	0.22	M	0.43				
16	PR-SPL	TCB	M 22* 95		0.08	I	0.08						
JL2-JL3						A	0.02	E	0.85	G	0.10	H	0.75
						I	0.27	K	0.01	L	0.30	M	3.36

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J10 JL3-JL4													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	470* 9	2690	2.53	H	1.26	M	2.53				
2	D-SPL	PL	470* 14	155	0.29	G	0.15	M	0.29				
7	D-SPL	PL	470* 14	230	1.51	G	0.76	M	1.51				
78	D-SPL	TCB	M 22* 75		0.39	K	0.07	L	0.33				
72	D-SPL	HTB	M 22* 80		0.48	K	0.18	L	0.30				
8	UR-SPL-I	PL	155* 10	320	0.79	G	0.40	M	0.79				
32	UR-SPL-I	TCB	M 22* 65		0.16	K	0.16						
4	COV	PL	120* 6	460	0.44								
4	COV-I	RB	13 ϕ	280	0.05	C	0.05						
32	COV	BN	M 12* 35		0.04								1-W,HDG
JL3-JL4						C	0.05	G	1.31	H	1.26	K	0.41
						L	0.63	M	5.12				

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J10 JL4-JL5													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	470* 9	2630	2.47	H	1.24	M	2.47				
2	D-SPL-U	PL	470* 9	305	0.57	H	0.29	M	0.57				
2	D-SPL	PL	470* 14	245	0.46	E	0.23	M	0.46				
4	D-SPL	PL	470* 14	230	0.86	E	0.43	M	0.86				
4	D-SPL	PL	470* 14	280	1.05	E	0.53	M	1.05				
132	D-SPL	TCB	M 22* 75		0.67	I	0.11	L	0.55				
36	D-SPL	HTB	M 22* 80		0.24	I	0.09	L	0.15				
4	UR-SPL-O	PL	155* 10	320	0.40	E	0.10	G	0.10	M	0.40		

Caluculation of Steel Primer

(Unit: mm, m²)

16	UR-SPL-O	TCB	M 22* 65			0.08	I	0.07	K	0.01							
2	COV	PL	120* 6	460		0.22											
2	COV-O	RB	13 φ	280		0.02	A	0.02									
16	COV	BN	M 12* 35			0.02											1-W,HDG
10	PR-SPL	PL	175* 18	620		2.17	E	1.09	M	2.17							
80	PR-SPL	TCB	M 22* 95			0.40	I	0.40									
JL4-JL5							A	0.02	E	2.38	G	0.10	H	1.53			
JL4-JL5							I	0.67	K	0.01	L	0.70	M	7.98			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J10 JL5-JL6																	
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area										Remarks
1	D-SPL-U	PL	470* 9	2690		2.53	H	1.26	M	2.53							
2	D-SPL	PL	470* 14	155		0.29	G	0.15	M	0.29							
7	D-SPL	PL	470* 14	230		1.51	G	0.76	M	1.51							
78	D-SPL	TCB	M 22* 75			0.39	K	0.07	L	0.33							
72	D-SPL	HTB	M 22* 80			0.48	K	0.18	L	0.30							
8	UR-SPL-I	PL	155* 10	320		0.79	G	0.40	M	0.79							
32	UR-SPL-I	TCB	M 22* 65			0.16	K	0.16									
4	COV	PL	120* 6	460		0.44											
4	COV-I	RB	13 φ	280		0.05	C	0.05									
32	COV	BN	M 12* 35			0.04											1-W,HDG
JL5-JL6							C	0.05	G	1.31	H	1.26	K	0.41			
JL5-JL6							L	0.63	M	5.12							

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J10 JL6-JL6A																	
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area										Remarks
1	D-SPL-U	PL	470* 9	305		0.29	H	0.14	M	0.29							
1	D-SPL-U	PL	470* 9	1570		1.48	H	0.74	M	1.48							
1	D-SPL-U	PL	470* 9	290		0.27	H	0.14	M	0.27							
1	D-SPL	PL	470* 14	245		0.23	E	0.12	M	0.23							
6	D-SPL	PL	470* 14	230		1.30	E	0.65	M	1.30							
60	D-SPL	TCB	M 22* 75			0.30	I	0.05	L	0.25							
54	D-SPL	HTB	M 22* 80			0.36	I	0.14	L	0.22							
6	UR-SPL-O	PL	155* 10	320		0.60	E	0.15	G	0.15	M	0.60					
24	UR-SPL-O	TCB	M 22* 65			0.12	I	0.10	K	0.02							
3	COV	PL	120* 6	460		0.33											
3	COV-O	RB	13 φ	280		0.03	A	0.03									
24	COV	BN	M 12* 35			0.03											1-W,HDG
JL6-JL6A							A	0.03	E	0.92	G	0.15	H	1.02			

Caluculation of Steel Primer

(Unit: mm, m²)

	I	0.29	K	0.02	L	0.47	M	4.17	
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APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J10 JL6A-JL7														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
1	D-SPL-U	PL	470* 9	2666		2.51	H	1.25	M	2.51				
1	D-SPL-U	PL	470* 9	305		0.29	H	0.14	M	0.29				
7	D-SPL	PL	470* 14	230		1.51	E	0.76	M	1.51				
1	D-SPL	PL	470* 14	211		0.20	E	0.10	M	0.20				
1	D-SPL	PL	470* 14	80		0.08	E	0.04	M	0.08				
1	D-SPL	PL	470* 14	245		0.23	E	0.12	M	0.23				
84	D-SPL	TCB	M 22* 75			0.43	I	0.07	L	0.35				
72	D-SPL	HTB	M 22* 80			0.48	I	0.18	L	0.30				
8	UR-SPL-O	PL	155* 10	320		0.79	E	0.20	G	0.20	M	0.79		
32	UR-SPL-O	TCB	M 22* 65			0.16	I	0.13	K	0.03				
4	COV	PL	120* 6	460		0.44								
4	COV-O	RB	13 ϕ	280		0.05	A	0.05						
32	COV	BN	M 12* 35			0.04						1-W,HDG		
4	PR-SPL	PL	175* 18	620		0.87	E	0.43	M	0.87				
32	PR-SPL	TCB	M 22* 95			0.16	I	0.16						
JL6A-JL7							A	0.05	E	1.65	G	0.20	H	1.39
JL6A-JL7							I	0.54	K	0.03	L	0.65	M	6.48

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J10 JL7-JL8														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
1	D-SPL-U	PL	470* 9	2975		2.80	H	1.40	M	2.80				
1	D-SPL	PL	470* 14	223		0.21	G	0.10	M	0.21				
5	D-SPL	PL	470* 14	230		1.08	G	0.54	M	1.08				
4	D-SPL	PL	470* 14	80		0.30	G	0.15	M	0.30				
1	D-SPL	PL	470* 14	155		0.15	G	0.07	M	0.15				
48	D-SPL	TCB	M 22* 75			0.24	K	0.04	L	0.20				
96	D-SPL	HTB	M 22* 80			0.64	K	0.24	L	0.40				
10	UR-SPL-I	PL	155* 10	320		0.99	G	0.50	M	0.99				
40	UR-SPL-I	TCB	M 22* 65			0.20	K	0.20						
5	COV	PL	120* 6	460		0.55								
5	COV-I	RB	13 ϕ	280		0.06	C	0.06						
40	COV	BN	M 12* 35			0.06						1-W,HDG		
JL7-JL8							C	0.06	G	1.36	H	1.40	K	0.48
JL7-JL8							L	0.60	M	5.53				

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J10 JL8-RR1										
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Caluculation of Steel Primer

(Unit: mm,m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	470* 9	970		0.91	H	0.46	M	0.91				
1	D-SPL-U	PL	470* 9	305		0.29	H	0.14	M	0.29				
1	D-SPL	PL	470* 14	270		0.25	E	0.13	M	0.25				
2	D-SPL	PL	470* 14	250		0.47	E	0.24	M	0.47				
1	D-SPL	PL	470* 14	245		0.23	E	0.12	M	0.23				
66	D-SPL	TCB	M 22* 75			0.33	I	0.06	L	0.28				
1	ST-SPL	PL	255* 9	320		0.16	E	0.08	M	0.16				
1	ST-SPL	PL	335* 16	320		0.21	E	0.11	M	0.21				
12	ST-SPL	TCB	M 22* 70			0.06	I	0.06						
2	ST-SPL	PL	80* 9	320		0.10	E	0.05	M	0.10				
4	ST-SPL	TCB	M 22* 65			0.02	I	0.02						
6	PR-SPL	PL	175* 18	620		1.30	E	0.65	M	1.30				
48	PR-SPL	TCB	M 22* 95			0.24	I	0.24						
JL8-RR1							E	1.38	H	0.60	I	0.38	L	0.28
							M	3.92						
J10							A	0.12	C	0.22	E	8.56	G	5.89
							H	11.21	I	2.53	K	1.85	L	5.14
							M	51.13						

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J11 LL1-JL1														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	470* 9	970		0.91	H	0.46	M	0.91				
1	D-SPL-U	PL	470* 9	305		0.29	H	0.14	M	0.29				
1	D-SPL	PL	470* 14	270		0.25	E	0.13	M	0.25				
2	D-SPL	PL	470* 14	250		0.47	E	0.24	M	0.47				
1	D-SPL	PL	470* 14	245		0.23	E	0.12	M	0.23				
66	D-SPL	TCB	M 22* 75			0.33	I	0.06	L	0.28				
1	ST-SPL	PL	255* 9	320		0.16	E	0.08	M	0.16				
1	ST-SPL	PL	335* 16	320		0.21	E	0.11	M	0.21				
12	ST-SPL	TCB	M 22* 70			0.06	I	0.06						
2	ST-SPL	PL	80* 9	320		0.10	E	0.05	M	0.10				
4	ST-SPL	TCB	M 22* 65			0.02	I	0.02						
6	PR-SPL	PL	175* 18	620		1.30	E	0.65	M	1.30				
48	PR-SPL	TCB	M 22* 95			0.24	I	0.24						
LL1-JL1							E	1.38	H	0.60	I	0.38	L	0.28
							M	3.92						

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J11 JL1-JL2														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	470* 9	2975		2.80	H	1.40	M	2.80				
1	D-SPL	PL	470* 14	223		0.21	G	0.10	M	0.21				
5	D-SPL	PL	470* 14	230		1.08	G	0.54	M	1.08				
4	D-SPL	PL	470* 14	80		0.30	G	0.15	M	0.30				
1	D-SPL	PL	470* 14	155		0.15	G	0.07	M	0.15				
48	D-SPL	TCB	M 22* 75			0.24	K	0.04	L	0.20				
96	D-SPL	HTB	M 22* 80			0.64	K	0.24	L	0.40				
10	UR-SPL-I	PL	155* 10	320		0.99	G	0.50	M	0.99				
40	UR-SPL-I	TCB	M 22* 65			0.20	K	0.20						
5	COV	PL	120* 6	460		0.55								
5	COV-I	RB	13 ϕ	280		0.06	C	0.06						
40	COV	BN	M 12* 35			0.06							1-W,HDG	
JL1-JL2							C	0.06	G	1.36	H	1.40	K	0.48
							L	0.60	M	5.53				

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J11 JL2-JL3													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	470* 9	980		0.92	H	0.46	M	0.92			
2	D-SPL-U	PL	470* 9	305		0.57	H	0.29	M	0.57			

Caluculation of Steel Primer

(Unit: mm,m²)

2	D-SPL	PL	470* 14	245	0.46	E	0.23	M	0.46				
2	D-SPL	PL	470* 14	230	0.43	E	0.22	M	0.43				
2	D-SPL	PL	470* 14	80	0.15	E	0.08	M	0.15				
36	D-SPL	TCB	M 22* 75		0.18	I	0.03	L	0.15				
36	D-SPL	HTB	M 22* 80		0.24	I	0.09	L	0.15				
4	UR-SPL-O	PL	155* 10	320	0.40	E	0.10	G	0.10	M	0.40		
16	UR-SPL-O	TCB	M 22* 65		0.08	I	0.07	K	0.01				
2	COV	PL	120* 6	460	0.22								
2	COV-O	RB	13 ϕ	280	0.02	A	0.02						
16	COV	BN	M 12* 35		0.02								1-W,HDG
2	PR-SPL	PL	175* 18	620	0.43	E	0.22	M	0.43				
16	PR-SPL	TCB	M 22* 95		0.08	I	0.08						
JL2-JL3						A	0.02	E	0.85	G	0.10	H	0.75
						I	0.27	K	0.01	L	0.30	M	3.36

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J11 JL3-JL4													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	470* 9	2690	2.53	H	1.26	M	2.53				
2	D-SPL	PL	470* 14	155	0.29	G	0.15	M	0.29				
7	D-SPL	PL	470* 14	230	1.51	G	0.76	M	1.51				
78	D-SPL	TCB	M 22* 75		0.39	K	0.07	L	0.33				
72	D-SPL	HTB	M 22* 80		0.48	K	0.18	L	0.30				
8	UR-SPL-I	PL	155* 10	320	0.79	G	0.40	M	0.79				
32	UR-SPL-I	TCB	M 22* 65		0.16	K	0.16						
4	COV	PL	120* 6	460	0.44								
4	COV-I	RB	13 ϕ	280	0.05	C	0.05						
32	COV	BN	M 12* 35		0.04								1-W,HDG
JL3-JL4						C	0.05	G	1.31	H	1.26	K	0.41
						L	0.63	M	5.12				

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J11 JL4-JL5													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	470* 9	2630	2.47	H	1.24	M	2.47				
2	D-SPL-U	PL	470* 9	305	0.57	H	0.29	M	0.57				
2	D-SPL	PL	470* 14	245	0.46	E	0.23	M	0.46				
4	D-SPL	PL	470* 14	230	0.86	E	0.43	M	0.86				
4	D-SPL	PL	470* 14	280	1.05	E	0.53	M	1.05				
132	D-SPL	TCB	M 22* 75		0.67	I	0.11	L	0.55				
36	D-SPL	HTB	M 22* 80		0.24	I	0.09	L	0.15				
4	UR-SPL-O	PL	155* 10	320	0.40	E	0.10	G	0.10	M	0.40		

Caluculation of Steel Primer

(Unit: mm,m²)

16	UR-SPL-O	TCB	M 22* 65			0.08	I	0.07	K	0.01						
2	COV	PL	120* 6	460		0.22										
2	COV-O	RB	13 φ	280		0.02	A	0.02								
16	COV	BN	M 12* 35			0.02										1-W,HDG
10	PR-SPL	PL	175* 18	620		2.17	E	1.09	M	2.17						
80	PR-SPL	TCB	M 22* 95			0.40	I	0.40								
JL4-JL5							A	0.02	E	2.38	G	0.10	H	1.53		
							I	0.67	K	0.01	L	0.70	M	7.98		

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J11 JL5-JL6																
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks			
1	D-SPL-U	PL	470* 9	2690		2.53	H	1.26	M	2.53						
2	D-SPL	PL	470* 14	155		0.29	G	0.15	M	0.29						
7	D-SPL	PL	470* 14	230		1.51	G	0.76	M	1.51						
78	D-SPL	TCB	M 22* 75			0.39	K	0.07	L	0.33						
72	D-SPL	HTB	M 22* 80			0.48	K	0.18	L	0.30						
8	UR-SPL-I	PL	155* 10	320		0.79	G	0.40	M	0.79						
32	UR-SPL-I	TCB	M 22* 65			0.16	K	0.16								
4	COV	PL	120* 6	460		0.44										
4	COV-I	RB	13 φ	280		0.05	C	0.05								
32	COV	BN	M 12* 35			0.04										1-W,HDG
JL5-JL6							C	0.05	G	1.31	H	1.26	K	0.41		
							L	0.63	M	5.12						

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J11 JL6-JL6A																
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks			
1	D-SPL-U	PL	470* 9	305		0.29	H	0.14	M	0.29						
1	D-SPL-U	PL	470* 9	1570		1.48	H	0.74	M	1.48						
1	D-SPL-U	PL	470* 9	290		0.27	H	0.14	M	0.27						
1	D-SPL	PL	470* 14	245		0.23	E	0.12	M	0.23						
6	D-SPL	PL	470* 14	230		1.30	E	0.65	M	1.30						
60	D-SPL	TCB	M 22* 75			0.30	I	0.05	L	0.25						
54	D-SPL	HTB	M 22* 80			0.36	I	0.14	L	0.22						
6	UR-SPL-O	PL	155* 10	320		0.60	E	0.15	G	0.15	M	0.60				
24	UR-SPL-O	TCB	M 22* 65			0.12	I	0.10	K	0.02						
3	COV	PL	120* 6	460		0.33										
3	COV-O	RB	13 φ	280		0.03	A	0.03								
24	COV	BN	M 12* 35			0.03										1-W,HDG
JL6-JL6A							A	0.03	E	0.92	G	0.15	H	1.02		

Caluculation of Steel Primer

(Unit: mm, m²)

	I	0.29	K	0.02	L	0.47	M	4.17	
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APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J11 JL6A-JL7														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
1	D-SPL-U	PL	470* 9	2545		2.39	H	1.20	M	2.39				
1	D-SPL-U	PL	470* 9	305		0.29	H	0.14	M	0.29				
6	D-SPL	PL	470* 14	230		1.30	E	0.65	M	1.30				
1	D-SPL	PL	470* 14	155		0.15	E	0.07	M	0.15				
1	D-SPL	PL	470* 14	165		0.16	E	0.08	M	0.16				
1	D-SPL	PL	470* 14	80		0.08	E	0.04	M	0.08				
1	D-SPL	PL	470* 14	245		0.23	E	0.12	M	0.23				
78	D-SPL	TCB	M 22* 75			0.39	I	0.07	L	0.33				
72	D-SPL	HTB	M 22* 80			0.48	I	0.18	L	0.30				
8	UR-SPL-O	PL	155* 10	320		0.79	E	0.20	G	0.20	M	0.79		
32	UR-SPL-O	TCB	M 22* 65			0.16	I	0.13	K	0.03				
4	COV	PL	120* 6	460		0.44								
4	COV-O	RB	13 ϕ	280		0.05	A	0.05						
32	COV	BN	M 12* 35			0.04						1-W,HDG		
4	PR-SPL	PL	175* 18	620		0.87	E	0.43	M	0.87				
32	PR-SPL	TCB	M 22* 95			0.16	I	0.16						
JL6A-JL7							A	0.05	E	1.59	G	0.20	H	1.34
JL6A-JL7							I	0.54	K	0.03	L	0.63	M	6.26

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J11 JL7-JL8														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
1	D-SPL-U	PL	470* 9	2975		2.80	H	1.40	M	2.80				
1	D-SPL	PL	470* 14	223		0.21	G	0.10	M	0.21				
5	D-SPL	PL	470* 14	230		1.08	G	0.54	M	1.08				
4	D-SPL	PL	470* 14	80		0.30	G	0.15	M	0.30				
1	D-SPL	PL	470* 14	155		0.15	G	0.07	M	0.15				
48	D-SPL	TCB	M 22* 75			0.24	K	0.04	L	0.20				
96	D-SPL	HTB	M 22* 80			0.64	K	0.24	L	0.40				
10	UR-SPL-I	PL	155* 10	320		0.99	G	0.50	M	0.99				
40	UR-SPL-I	TCB	M 22* 65			0.20	K	0.20						
5	COV	PL	120* 6	460		0.55								
5	COV-I	RB	13 ϕ	280		0.06	C	0.06						
40	COV	BN	M 12* 35			0.06						1-W,HDG		
JL7-JL8							C	0.06	G	1.36	H	1.40	K	0.48
JL7-JL8							L	0.60	M	5.53				

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J11 JL8-RR1														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	470* 9	970		0.91	H	0.46	M	0.91				
1	D-SPL-U	PL	470* 9	305		0.29	H	0.14	M	0.29				
1	D-SPL	PL	470* 14	270		0.25	E	0.13	M	0.25				
2	D-SPL	PL	470* 14	250		0.47	E	0.24	M	0.47				
1	D-SPL	PL	470* 14	245		0.23	E	0.12	M	0.23				
66	D-SPL	TCB	M 22* 75			0.33	I	0.06	L	0.28				
1	ST-SPL	PL	255* 9	320		0.16	E	0.08	M	0.16				
1	ST-SPL	PL	335* 16	320		0.21	E	0.11	M	0.21				
12	ST-SPL	TCB	M 22* 70			0.06	I	0.06						
2	ST-SPL	PL	80* 9	320		0.10	E	0.05	M	0.10				
4	ST-SPL	TCB	M 22* 65			0.02	I	0.02						
6	PR-SPL	PL	175* 18	620		1.30	E	0.65	M	1.30				
48	PR-SPL	TCB	M 22* 95			0.24	I	0.24						
JL8-RR1							E	1.38	H	0.60	I	0.38	L	0.28
							M	3.92						
J11							A	0.12	C	0.22	E	8.50	G	5.89
							H	11.16	I	2.53	K	1.85	L	5.12
							M	50.91						

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J12 LL1-JL1														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	470* 9	970		0.91	H	0.46	M	0.91				
1	D-SPL-U	PL	470* 9	305		0.29	H	0.14	M	0.29				
1	D-SPL	PL	470* 14	270		0.25	E	0.13	M	0.25				
2	D-SPL	PL	470* 14	250		0.47	E	0.24	M	0.47				
1	D-SPL	PL	470* 14	245		0.23	E	0.12	M	0.23				
66	D-SPL	TCB	M 22* 75			0.33	I	0.06	L	0.28				
1	ST-SPL	PL	255* 9	320		0.16	E	0.08	M	0.16				
1	ST-SPL	PL	335* 16	320		0.21	E	0.11	M	0.21				
12	ST-SPL	TCB	M 22* 70			0.06	I	0.06						
2	ST-SPL	PL	80* 9	320		0.10	E	0.05	M	0.10				
4	ST-SPL	TCB	M 22* 65			0.02	I	0.02						
6	PR-SPL	PL	175* 18	620		1.30	E	0.65	M	1.30				
48	PR-SPL	TCB	M 22* 95			0.24	I	0.24						
LL1-JL1							E	1.38	H	0.60	I	0.38	L	0.28
							M	3.92						

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J12 JL1-JL2														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	470* 9	2975		2.80	H	1.40	M	2.80				
1	D-SPL	PL	470* 14	223		0.21	G	0.10	M	0.21				
5	D-SPL	PL	470* 14	230		1.08	G	0.54	M	1.08				
4	D-SPL	PL	470* 14	80		0.30	G	0.15	M	0.30				
1	D-SPL	PL	470* 14	155		0.15	G	0.07	M	0.15				
48	D-SPL	TCB	M 22* 75			0.24	K	0.04	L	0.20				
96	D-SPL	HTB	M 22* 80			0.64	K	0.24	L	0.40				
10	UR-SPL-I	PL	155* 10	320		0.99	G	0.50	M	0.99				
40	UR-SPL-I	TCB	M 22* 65			0.20	K	0.20						
5	COV	PL	120* 6	460		0.55								
5	COV-I	RB	13 ϕ	280		0.06	C	0.06						
40	COV	BN	M 12* 35			0.06							1-W,HDG	
JL1-JL2							C	0.06	G	1.36	H	1.40	K	0.48
							L	0.60	M	5.53				

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J12 JL2-JL3													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	470* 9	980		0.92	H	0.46	M	0.92			
2	D-SPL-U	PL	470* 9	305		0.57	H	0.29	M	0.57			

Caluculation of Steel Primer

(Unit: mm,m²)

2	D-SPL	PL	470* 14	245	0.46	E	0.23	M	0.46				
2	D-SPL	PL	470* 14	230	0.43	E	0.22	M	0.43				
2	D-SPL	PL	470* 14	80	0.15	E	0.08	M	0.15				
36	D-SPL	TCB	M 22* 75		0.18	I	0.03	L	0.15				
36	D-SPL	HTB	M 22* 80		0.24	I	0.09	L	0.15				
4	UR-SPL-O	PL	155* 10	320	0.40	E	0.10	G	0.10	M	0.40		
16	UR-SPL-O	TCB	M 22* 65		0.08	I	0.07	K	0.01				
2	COV	PL	120* 6	460	0.22								
2	COV-O	RB	13 ϕ	280	0.02	A	0.02						
16	COV	BN	M 12* 35		0.02								1-W,HDG
2	PR-SPL	PL	175* 18	620	0.43	E	0.22	M	0.43				
16	PR-SPL	TCB	M 22* 95		0.08	I	0.08						
JL2-JL3						A	0.02	E	0.85	G	0.10	H	0.75
						I	0.27	K	0.01	L	0.30	M	3.36

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J12 JL3-JL4													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	470* 9	2690	2.53	H	1.26	M	2.53				
2	D-SPL	PL	470* 14	155	0.29	G	0.15	M	0.29				
7	D-SPL	PL	470* 14	230	1.51	G	0.76	M	1.51				
78	D-SPL	TCB	M 22* 75		0.39	K	0.07	L	0.33				
72	D-SPL	HTB	M 22* 80		0.48	K	0.18	L	0.30				
8	UR-SPL-I	PL	155* 10	320	0.79	G	0.40	M	0.79				
32	UR-SPL-I	TCB	M 22* 65		0.16	K	0.16						
4	COV	PL	120* 6	460	0.44								
4	COV-I	RB	13 ϕ	280	0.05	C	0.05						
32	COV	BN	M 12* 35		0.04								1-W,HDG
JL3-JL4						C	0.05	G	1.31	H	1.26	K	0.41
						L	0.63	M	5.12				

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J12 JL4-JL5													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	470* 9	2630	2.47	H	1.24	M	2.47				
2	D-SPL-U	PL	470* 9	305	0.57	H	0.29	M	0.57				
2	D-SPL	PL	470* 14	245	0.46	E	0.23	M	0.46				
4	D-SPL	PL	470* 14	230	0.86	E	0.43	M	0.86				
4	D-SPL	PL	470* 14	280	1.05	E	0.53	M	1.05				
132	D-SPL	TCB	M 22* 75		0.67	I	0.11	L	0.55				
36	D-SPL	HTB	M 22* 80		0.24	I	0.09	L	0.15				
4	UR-SPL-O	PL	155* 10	320	0.40	E	0.10	G	0.10	M	0.40		

Caluculation of Steel Primer

(Unit: mm, m²)

16	UR-SPL-O	TCB	M 22* 65			0.08	I	0.07	K	0.01					
2	COV	PL	120* 6	460		0.22									
2	COV-O	RB	13 φ	280		0.02	A	0.02							
16	COV	BN	M 12* 35			0.02									1-W,HDG
10	PR-SPL	PL	175* 18	620		2.17	E	1.09	M	2.17					
80	PR-SPL	TCB	M 22* 95			0.40	I	0.40							
JL4-JL5							A	0.02	E	2.38	G	0.10	H	1.53	
							I	0.67	K	0.01	L	0.70	M	7.98	

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J12 JL5-JL6															
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks		
1	D-SPL-U	PL	470* 9	2690		2.53	H	1.26	M	2.53					
2	D-SPL	PL	470* 14	155		0.29	G	0.15	M	0.29					
7	D-SPL	PL	470* 14	230		1.51	G	0.76	M	1.51					
78	D-SPL	TCB	M 22* 75			0.39	K	0.07	L	0.33					
72	D-SPL	HTB	M 22* 80			0.48	K	0.18	L	0.30					
8	UR-SPL-I	PL	155* 10	320		0.79	G	0.40	M	0.79					
32	UR-SPL-I	TCB	M 22* 65			0.16	K	0.16							
4	COV	PL	120* 6	460		0.44									
4	COV-I	RB	13 φ	280		0.05	C	0.05							
32	COV	BN	M 12* 35			0.04									1-W,HDG
JL5-JL6							C	0.05	G	1.31	H	1.26	K	0.41	
							L	0.63	M	5.12					

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J12 JL6-JL6A															
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks		
1	D-SPL-U	PL	470* 9	305		0.29	H	0.14	M	0.29					
1	D-SPL-U	PL	470* 9	1570		1.48	H	0.74	M	1.48					
1	D-SPL-U	PL	470* 9	290		0.27	H	0.14	M	0.27					
1	D-SPL	PL	470* 14	245		0.23	E	0.12	M	0.23					
6	D-SPL	PL	470* 14	230		1.30	E	0.65	M	1.30					
60	D-SPL	TCB	M 22* 75			0.30	I	0.05	L	0.25					
54	D-SPL	HTB	M 22* 80			0.36	I	0.14	L	0.22					
6	UR-SPL-O	PL	155* 10	320		0.60	E	0.15	G	0.15	M	0.60			
24	UR-SPL-O	TCB	M 22* 65			0.12	I	0.10	K	0.02					
3	COV	PL	120* 6	460		0.33									
3	COV-O	RB	13 φ	280		0.03	A	0.03							
24	COV	BN	M 12* 35			0.03									1-W,HDG
JL6-JL6A							A	0.03	E	0.92	G	0.15	H	1.02	

Caluculation of Steel Primer

(Unit: mm, m²)

	I	0.29	K	0.02	L	0.47	M	4.17	
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APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J12 JL6A-JL7														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
1	D-SPL-U	PL	470* 9	2435		2.29	H	1.14	M	2.29				
1	D-SPL-U	PL	470* 9	305		0.29	H	0.14	M	0.29				
6	D-SPL	PL	470* 14	230		1.30	E	0.65	M	1.30				
1	D-SPL	PL	470* 14	80		0.08	E	0.04	M	0.08				
1	D-SPL	PL	470* 14	245		0.23	E	0.12	M	0.23				
66	D-SPL	TCB	M 22* 75			0.33	I	0.06	L	0.28				
72	D-SPL	HTB	M 22* 80			0.48	I	0.18	L	0.30				
8	UR-SPL-O	PL	155* 10	320		0.79	E	0.20	G	0.20	M	0.79		
32	UR-SPL-O	TCB	M 22* 65			0.16	I	0.13	K	0.03				
4	COV	PL	120* 6	460		0.44								
4	COV-O	RB	13 ϕ	280		0.05	A	0.05						
32	COV	BN	M 12* 35			0.04						1-W,HDG		
4	PR-SPL	PL	175* 18	620		0.87	E	0.43	M	0.87				
32	PR-SPL	TCB	M 22* 95			0.16	I	0.16						
JL6A-JL7							A	0.05	E	1.44	G	0.20	H	1.28
JL6A-JL7							I	0.53	K	0.03	L	0.58	M	5.85

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J12 JL7-JL8														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
1	D-SPL-U	PL	470* 9	2975		2.80	H	1.40	M	2.80				
1	D-SPL	PL	470* 14	223		0.21	G	0.10	M	0.21				
5	D-SPL	PL	470* 14	230		1.08	G	0.54	M	1.08				
4	D-SPL	PL	470* 14	80		0.30	G	0.15	M	0.30				
1	D-SPL	PL	470* 14	155		0.15	G	0.07	M	0.15				
48	D-SPL	TCB	M 22* 75			0.24	K	0.04	L	0.20				
96	D-SPL	HTB	M 22* 80			0.64	K	0.24	L	0.40				
10	UR-SPL-I	PL	155* 10	320		0.99	G	0.50	M	0.99				
40	UR-SPL-I	TCB	M 22* 65			0.20	K	0.20						
5	COV	PL	120* 6	460		0.55								
5	COV-I	RB	13 ϕ	280		0.06	C	0.06						
40	COV	BN	M 12* 35			0.06						1-W,HDG		
JL7-JL8							C	0.06	G	1.36	H	1.40	K	0.48
JL7-JL8							L	0.60	M	5.53				

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J12 JL8-RR1										

Caluculation of Steel Primer

(Unit: mm,m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	470* 9	970		0.91	H	0.46	M	0.91				
1	D-SPL-U	PL	470* 9	305		0.29	H	0.14	M	0.29				
1	D-SPL	PL	470* 14	270		0.25	E	0.13	M	0.25				
2	D-SPL	PL	470* 14	250		0.47	E	0.24	M	0.47				
1	D-SPL	PL	470* 14	245		0.23	E	0.12	M	0.23				
66	D-SPL	TCB	M 22* 75			0.33	I	0.06	L	0.28				
1	ST-SPL	PL	255* 9	320		0.16	E	0.08	M	0.16				
1	ST-SPL	PL	335* 16	320		0.21	E	0.11	M	0.21				
12	ST-SPL	TCB	M 22* 70			0.06	I	0.06						
2	ST-SPL	PL	80* 9	320		0.10	E	0.05	M	0.10				
4	ST-SPL	TCB	M 22* 65			0.02	I	0.02						
6	PR-SPL	PL	175* 18	620		1.30	E	0.65	M	1.30				
48	PR-SPL	TCB	M 22* 95			0.24	I	0.24						
JL8-RR1							E	1.38	H	0.60	I	0.38	L	0.28
							M	3.92						
J12							A	0.12	C	0.22	E	8.35	G	5.89
							H	11.10	I	2.52	K	1.85	L	5.07
							M	50.50						

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J13 LL1-JL1														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	470* 9	970		0.91	H	0.46	M	0.91				
1	D-SPL-U	PL	470* 9	305		0.29	H	0.14	M	0.29				
1	D-SPL	PL	470* 14	270		0.25	E	0.13	M	0.25				
2	D-SPL	PL	470* 14	250		0.47	E	0.24	M	0.47				
1	D-SPL	PL	470* 14	245		0.23	E	0.12	M	0.23				
66	D-SPL	TCB	M 22* 75			0.33	I	0.06	L	0.28				
1	ST-SPL	PL	255* 9	320		0.16	E	0.08	M	0.16				
1	ST-SPL	PL	335* 16	320		0.21	E	0.11	M	0.21				
12	ST-SPL	TCB	M 22* 70			0.06	I	0.06						
2	ST-SPL	PL	80* 9	320		0.10	E	0.05	M	0.10				
4	ST-SPL	TCB	M 22* 65			0.02	I	0.02						
6	PR-SPL	PL	175* 18	620		1.30	E	0.65	M	1.30				
48	PR-SPL	TCB	M 22* 95			0.24	I	0.24						
LL1-JL1							E	1.38	H	0.60	I	0.38	L	0.28
							M	3.92						

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J13 JL1-JL2														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	470* 9	2975		2.80	H	1.40	M	2.80				
1	D-SPL	PL	470* 14	223		0.21	G	0.10	M	0.21				
5	D-SPL	PL	470* 14	230		1.08	G	0.54	M	1.08				
4	D-SPL	PL	470* 14	80		0.30	G	0.15	M	0.30				
1	D-SPL	PL	470* 14	155		0.15	G	0.07	M	0.15				
48	D-SPL	TCB	M 22* 75			0.24	K	0.04	L	0.20				
96	D-SPL	HTB	M 22* 80			0.64	K	0.24	L	0.40				
10	UR-SPL-I	PL	155* 10	320		0.99	G	0.50	M	0.99				
40	UR-SPL-I	TCB	M 22* 65			0.20	K	0.20						
5	COV	PL	120* 6	460		0.55								
5	COV-I	RB	13 ϕ	280		0.06	C	0.06						
40	COV	BN	M 12* 35			0.06							1-W,HDG	
JL1-JL2							C	0.06	G	1.36	H	1.40	K	0.48
							L	0.60	M	5.53				

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J13 JL2-JL3													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	470* 9	980		0.92	H	0.46	M	0.92			
2	D-SPL-U	PL	470* 9	305		0.57	H	0.29	M	0.57			

Caluculation of Steel Primer

(Unit: mm,m²)

2	D-SPL	PL	470* 14	245	0.46	E	0.23	M	0.46				
2	D-SPL	PL	470* 14	230	0.43	E	0.22	M	0.43				
2	D-SPL	PL	470* 14	80	0.15	E	0.08	M	0.15				
36	D-SPL	TCB	M 22* 75		0.18	I	0.03	L	0.15				
36	D-SPL	HTB	M 22* 80		0.24	I	0.09	L	0.15				
4	UR-SPL-O	PL	155* 10	320	0.40	E	0.10	G	0.10	M	0.40		
16	UR-SPL-O	TCB	M 22* 65		0.08	I	0.07	K	0.01				
2	COV	PL	120* 6	460	0.22								
2	COV-O	RB	13 ϕ	280	0.02	A	0.02						
16	COV	BN	M 12* 35		0.02								1-W,HDG
2	PR-SPL	PL	175* 18	620	0.43	E	0.22	M	0.43				
16	PR-SPL	TCB	M 22* 95		0.08	I	0.08						
JL2-JL3						A	0.02	E	0.85	G	0.10	H	0.75
JL2-JL3						I	0.27	K	0.01	L	0.30	M	3.36

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J13 JL3-JL4													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	470* 9	2690	2.53	H	1.26	M	2.53				
2	D-SPL	PL	470* 14	155	0.29	G	0.15	M	0.29				
7	D-SPL	PL	470* 14	230	1.51	G	0.76	M	1.51				
78	D-SPL	TCB	M 22* 75		0.39	K	0.07	L	0.33				
72	D-SPL	HTB	M 22* 80		0.48	K	0.18	L	0.30				
8	UR-SPL-I	PL	155* 10	320	0.79	G	0.40	M	0.79				
32	UR-SPL-I	TCB	M 22* 65		0.16	K	0.16						
4	COV	PL	120* 6	460	0.44								
4	COV-I	RB	13 ϕ	280	0.05	C	0.05						
32	COV	BN	M 12* 35		0.04								1-W,HDG
JL3-JL4						C	0.05	G	1.31	H	1.26	K	0.41
JL3-JL4						L	0.63	M	5.12				

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J13 JL4-JL5													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	470* 9	2630	2.47	H	1.24	M	2.47				
2	D-SPL-U	PL	470* 9	305	0.57	H	0.29	M	0.57				
2	D-SPL	PL	470* 14	245	0.46	E	0.23	M	0.46				
4	D-SPL	PL	470* 14	230	0.86	E	0.43	M	0.86				
4	D-SPL	PL	470* 14	280	1.05	E	0.53	M	1.05				
132	D-SPL	TCB	M 22* 75		0.67	I	0.11	L	0.55				
36	D-SPL	HTB	M 22* 80		0.24	I	0.09	L	0.15				
4	UR-SPL-O	PL	155* 10	320	0.40	E	0.10	G	0.10	M	0.40		

Caluculation of Steel Primer

(Unit: mm, m²)

16	UR-SPL-O	TCB	M 22* 65			0.08	I	0.07	K	0.01							
2	COV	PL	120* 6	460		0.22											
2	COV-O	RB	13 φ	280		0.02	A	0.02									
16	COV	BN	M 12* 35			0.02											1-W,HDG
10	PR-SPL	PL	175* 18	620		2.17	E	1.09	M	2.17							
80	PR-SPL	TCB	M 22* 95			0.40	I	0.40									
JL4-JL5							A	0.02	E	2.38	G	0.10	H	1.53			
JL4-JL5							I	0.67	K	0.01	L	0.70	M	7.98			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J13 JL5-JL6																	
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area										Remarks
1	D-SPL-U	PL	470* 9	2690		2.53	H	1.26	M	2.53							
2	D-SPL	PL	470* 14	155		0.29	G	0.15	M	0.29							
7	D-SPL	PL	470* 14	230		1.51	G	0.76	M	1.51							
78	D-SPL	TCB	M 22* 75			0.39	K	0.07	L	0.33							
72	D-SPL	HTB	M 22* 80			0.48	K	0.18	L	0.30							
8	UR-SPL-I	PL	155* 10	320		0.79	G	0.40	M	0.79							
32	UR-SPL-I	TCB	M 22* 65			0.16	K	0.16									
4	COV	PL	120* 6	460		0.44											
4	COV-I	RB	13 φ	280		0.05	C	0.05									
32	COV	BN	M 12* 35			0.04											1-W,HDG
JL5-JL6							C	0.05	G	1.31	H	1.26	K	0.41			
JL5-JL6							L	0.63	M	5.12							

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J13 JL6-JL6A																	
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area										Remarks
1	D-SPL-U	PL	470* 9	305		0.29	H	0.14	M	0.29							
1	D-SPL-U	PL	470* 9	1570		1.48	H	0.74	M	1.48							
1	D-SPL-U	PL	470* 9	290		0.27	H	0.14	M	0.27							
1	D-SPL	PL	470* 14	245		0.23	E	0.12	M	0.23							
6	D-SPL	PL	470* 14	230		1.30	E	0.65	M	1.30							
60	D-SPL	TCB	M 22* 75			0.30	I	0.05	L	0.25							
54	D-SPL	HTB	M 22* 80			0.36	I	0.14	L	0.22							
6	UR-SPL-O	PL	155* 10	320		0.60	E	0.15	G	0.15	M	0.60					
24	UR-SPL-O	TCB	M 22* 65			0.12	I	0.10	K	0.02							
3	COV	PL	120* 6	460		0.33											
3	COV-O	RB	13 φ	280		0.03	A	0.03									
24	COV	BN	M 12* 35			0.03											1-W,HDG
JL6-JL6A							A	0.03	E	0.92	G	0.15	H	1.02			

Caluculation of Steel Primer

(Unit: mm, m²)

	I	0.29	K	0.02	L	0.47	M	4.17	
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APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J13 JL6A-JL7														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
1	D-SPL-U	PL	470* 9	2359		2.22	H	1.11	M	2.22				
1	D-SPL-U	PL	470* 9	305		0.29	H	0.14	M	0.29				
6	D-SPL	PL	470* 14	230		1.30	E	0.65	M	1.30				
1	D-SPL	PL	470* 14	180		0.17	E	0.08	M	0.17				
1	D-SPL	PL	470* 14	80		0.08	E	0.04	M	0.08				
1	D-SPL	PL	470* 14	245		0.23	E	0.12	M	0.23				
66	D-SPL	TCB	M 22* 75			0.33	I	0.06	L	0.28				
72	D-SPL	HTB	M 22* 80			0.48	I	0.18	L	0.30				
8	UR-SPL-O	PL	155* 10	320		0.79	E	0.20	G	0.20	M	0.79		
32	UR-SPL-O	TCB	M 22* 65			0.16	I	0.13	K	0.03				
4	COV	PL	120* 6	460		0.44								
4	COV-O	RB	13 ϕ	280		0.05	A	0.05						
32	COV	BN	M 12* 35			0.04						1-W,HDG		
2	PR-SPL	PL	175* 18	620		0.43	E	0.22	M	0.43				
16	PR-SPL	TCB	M 22* 95			0.08	I	0.08						
JL6A-JL7							A	0.05	E	1.31	G	0.20	H	1.25
JL6A-JL7							I	0.45	K	0.03	L	0.58	M	5.51

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J13 JL7-JL8														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
1	D-SPL-U	PL	470* 9	2975		2.80	H	1.40	M	2.80				
1	D-SPL	PL	470* 14	223		0.21	G	0.10	M	0.21				
5	D-SPL	PL	470* 14	230		1.08	G	0.54	M	1.08				
4	D-SPL	PL	470* 14	80		0.30	G	0.15	M	0.30				
1	D-SPL	PL	470* 14	155		0.15	G	0.07	M	0.15				
48	D-SPL	TCB	M 22* 75			0.24	K	0.04	L	0.20				
96	D-SPL	HTB	M 22* 80			0.64	K	0.24	L	0.40				
10	UR-SPL-I	PL	155* 10	320		0.99	G	0.50	M	0.99				
40	UR-SPL-I	TCB	M 22* 65			0.20	K	0.20						
5	COV	PL	120* 6	460		0.55								
5	COV-I	RB	13 ϕ	280		0.06	C	0.06						
40	COV	BN	M 12* 35			0.06						1-W,HDG		
JL7-JL8							C	0.06	G	1.36	H	1.40	K	0.48
JL7-JL8							L	0.60	M	5.53				

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J13 JL8-RR1										
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Caluculation of Steel Primer

(Unit: mm,m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	470* 9	970		0.91	H	0.46	M	0.91				
1	D-SPL-U	PL	470* 9	305		0.29	H	0.14	M	0.29				
1	D-SPL	PL	470* 14	270		0.25	E	0.13	M	0.25				
2	D-SPL	PL	470* 14	250		0.47	E	0.24	M	0.47				
1	D-SPL	PL	470* 14	245		0.23	E	0.12	M	0.23				
66	D-SPL	TCB	M 22* 75			0.33	I	0.06	L	0.28				
1	ST-SPL	PL	255* 9	320		0.16	E	0.08	M	0.16				
1	ST-SPL	PL	335* 16	320		0.21	E	0.11	M	0.21				
12	ST-SPL	TCB	M 22* 70			0.06	I	0.06						
2	ST-SPL	PL	80* 9	320		0.10	E	0.05	M	0.10				
4	ST-SPL	TCB	M 22* 65			0.02	I	0.02						
6	PR-SPL	PL	175* 18	620		1.30	E	0.65	M	1.30				
48	PR-SPL	TCB	M 22* 95			0.24	I	0.24						
JL8-RR1							E	1.38	H	0.60	I	0.38	L	0.28
							M	3.92						
J13							A	0.12	C	0.22	E	8.22	G	5.89
							H	11.07	I	2.44	K	1.85	L	5.07
							M	50.16						

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J14 LL1-JL1														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	470* 9	970		0.91	H	0.46	M	0.91				
1	D-SPL-U	PL	470* 9	305		0.29	H	0.14	M	0.29				
1	D-SPL	PL	470* 14	270		0.25	E	0.13	M	0.25				
2	D-SPL	PL	470* 14	250		0.47	E	0.24	M	0.47				
1	D-SPL	PL	470* 14	245		0.23	E	0.12	M	0.23				
66	D-SPL	TCB	M 22* 75			0.33	I	0.06	L	0.28				
1	ST-SPL	PL	255* 9	320		0.16	E	0.08	M	0.16				
1	ST-SPL	PL	335* 16	320		0.21	E	0.11	M	0.21				
12	ST-SPL	TCB	M 22* 70			0.06	I	0.06						
2	ST-SPL	PL	80* 9	320		0.10	E	0.05	M	0.10				
4	ST-SPL	TCB	M 22* 65			0.02	I	0.02						
6	PR-SPL	PL	175* 18	620		1.30	E	0.65	M	1.30				
48	PR-SPL	TCB	M 22* 95			0.24	I	0.24						
LL1-JL1							E	1.38	H	0.60	I	0.38	L	0.28
							M	3.92						

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J14 JL1-JL2														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	470* 9	2975		2.80	H	1.40	M	2.80				
1	D-SPL	PL	470* 14	223		0.21	G	0.10	M	0.21				
5	D-SPL	PL	470* 14	230		1.08	G	0.54	M	1.08				
4	D-SPL	PL	470* 14	80		0.30	G	0.15	M	0.30				
1	D-SPL	PL	470* 14	155		0.15	G	0.07	M	0.15				
48	D-SPL	TCB	M 22* 75			0.24	K	0.04	L	0.20				
96	D-SPL	HTB	M 22* 80			0.64	K	0.24	L	0.40				
10	UR-SPL-I	PL	155* 10	320		0.99	G	0.50	M	0.99				
40	UR-SPL-I	TCB	M 22* 65			0.20	K	0.20						
5	COV	PL	120* 6	460		0.55								
5	COV-I	RB	13 ϕ	280		0.06	C	0.06						
40	COV	BN	M 12* 35			0.06							1-W,HDG	
JL1-JL2							C	0.06	G	1.36	H	1.40	K	0.48
							L	0.60	M	5.53				

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J14 JL2-JL3													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	470* 9	980		0.92	H	0.46	M	0.92			
2	D-SPL-U	PL	470* 9	305		0.57	H	0.29	M	0.57			

Caluculation of Steel Primer

(Unit: mm,m²)

2	D-SPL	PL	470* 14	245	0.46	E	0.23	M	0.46				
2	D-SPL	PL	470* 14	230	0.43	E	0.22	M	0.43				
2	D-SPL	PL	470* 14	80	0.15	E	0.08	M	0.15				
36	D-SPL	TCB	M 22* 75		0.18	I	0.03	L	0.15				
36	D-SPL	HTB	M 22* 80		0.24	I	0.09	L	0.15				
4	UR-SPL-O	PL	155* 10	320	0.40	E	0.10	G	0.10	M	0.40		
16	UR-SPL-O	TCB	M 22* 65		0.08	I	0.07	K	0.01				
2	COV	PL	120* 6	460	0.22								
2	COV-O	RB	13 ϕ	280	0.02	A	0.02						
16	COV	BN	M 12* 35		0.02								1-W,HDG
2	PR-SPL	PL	175* 18	620	0.43	E	0.22	M	0.43				
16	PR-SPL	TCB	M 22* 95		0.08	I	0.08						
JL2-JL3						A	0.02	E	0.85	G	0.10	H	0.75
						I	0.27	K	0.01	L	0.30	M	3.36

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J14 JL3-JL4													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	470* 9	2690	2.53	H	1.26	M	2.53				
2	D-SPL	PL	470* 14	155	0.29	G	0.15	M	0.29				
7	D-SPL	PL	470* 14	230	1.51	G	0.76	M	1.51				
78	D-SPL	TCB	M 22* 75		0.39	K	0.07	L	0.33				
72	D-SPL	HTB	M 22* 80		0.48	K	0.18	L	0.30				
8	UR-SPL-I	PL	155* 10	320	0.79	G	0.40	M	0.79				
32	UR-SPL-I	TCB	M 22* 65		0.16	K	0.16						
4	COV	PL	120* 6	460	0.44								
4	COV-I	RB	13 ϕ	280	0.05	C	0.05						
32	COV	BN	M 12* 35		0.04								1-W,HDG
JL3-JL4						C	0.05	G	1.31	H	1.26	K	0.41
						L	0.63	M	5.12				

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J14 JL4-JL5													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	470* 9	2630	2.47	H	1.24	M	2.47				
2	D-SPL-U	PL	470* 9	305	0.57	H	0.29	M	0.57				
2	D-SPL	PL	470* 14	245	0.46	E	0.23	M	0.46				
4	D-SPL	PL	470* 14	230	0.86	E	0.43	M	0.86				
4	D-SPL	PL	470* 14	280	1.05	E	0.53	M	1.05				
132	D-SPL	TCB	M 22* 75		0.67	I	0.11	L	0.55				
36	D-SPL	HTB	M 22* 80		0.24	I	0.09	L	0.15				
4	UR-SPL-O	PL	155* 10	320	0.40	E	0.10	G	0.10	M	0.40		

Caluculation of Steel Primer

(Unit: mm, m²)

16	UR-SPL-O	TCB	M 22* 65			0.08	I	0.07	K	0.01							
2	COV	PL	120* 6	460		0.22											
2	COV-O	RB	13 φ	280		0.02	A	0.02									
16	COV	BN	M 12* 35			0.02											1-W,HDG
10	PR-SPL	PL	175* 18	620		2.17	E	1.09	M	2.17							
80	PR-SPL	TCB	M 22* 95			0.40	I	0.40									
JL4-JL5							A	0.02	E	2.38	G	0.10	H	1.53			
							I	0.67	K	0.01	L	0.70	M	7.98			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J14 JL5-JL6																	
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area										Remarks
1	D-SPL-U	PL	470* 9	2690		2.53	H	1.26	M	2.53							
2	D-SPL	PL	470* 14	155		0.29	G	0.15	M	0.29							
7	D-SPL	PL	470* 14	230		1.51	G	0.76	M	1.51							
78	D-SPL	TCB	M 22* 75			0.39	K	0.07	L	0.33							
72	D-SPL	HTB	M 22* 80			0.48	K	0.18	L	0.30							
8	UR-SPL-I	PL	155* 10	320		0.79	G	0.40	M	0.79							
32	UR-SPL-I	TCB	M 22* 65			0.16	K	0.16									
4	COV	PL	120* 6	460		0.44											
4	COV-I	RB	13 φ	280		0.05	C	0.05									
32	COV	BN	M 12* 35			0.04											1-W,HDG
JL5-JL6							C	0.05	G	1.31	H	1.26	K	0.41			
							L	0.63	M	5.12							

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J14 JL6-JL6A																	
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area										Remarks
1	D-SPL-U	PL	470* 9	305		0.29	H	0.14	M	0.29							
1	D-SPL-U	PL	470* 9	1570		1.48	H	0.74	M	1.48							
1	D-SPL-U	PL	470* 9	290		0.27	H	0.14	M	0.27							
1	D-SPL	PL	470* 14	245		0.23	E	0.12	M	0.23							
6	D-SPL	PL	470* 14	230		1.30	E	0.65	M	1.30							
60	D-SPL	TCB	M 22* 75			0.30	I	0.05	L	0.25							
54	D-SPL	HTB	M 22* 80			0.36	I	0.14	L	0.22							
6	UR-SPL-O	PL	155* 10	320		0.60	E	0.15	G	0.15	M	0.60					
24	UR-SPL-O	TCB	M 22* 65			0.12	I	0.10	K	0.02							
3	COV	PL	120* 6	460		0.33											
3	COV-O	RB	13 φ	280		0.03	A	0.03									
24	COV	BN	M 12* 35			0.03											1-W,HDG
JL6-JL6A							A	0.03	E	0.92	G	0.15	H	1.02			

Caluculation of Steel Primer

(Unit: mm, m²)

	I	0.29	K	0.02	L	0.47	M	4.17	
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APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J14 JL6A-JL7														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
1	D-SPL-U	PL	470* 9	2322		2.18	H	1.09	M	2.18				
1	D-SPL-U	PL	470* 9	305		0.29	H	0.14	M	0.29				
6	D-SPL	PL	470* 14	230		1.30	E	0.65	M	1.30				
1	D-SPL	PL	470* 14	155		0.15	E	0.07	M	0.15				
1	D-SPL	PL	470* 14	80		0.08	E	0.04	M	0.08				
1	D-SPL	PL	470* 14	245		0.23	E	0.12	M	0.23				
66	D-SPL	TCB	M 22* 75			0.33	I	0.06	L	0.28				
72	D-SPL	HTB	M 22* 80			0.48	I	0.18	L	0.30				
8	UR-SPL-O	PL	155* 10	320		0.79	E	0.20	G	0.20	M	0.79		
32	UR-SPL-O	TCB	M 22* 65			0.16	I	0.13	K	0.03				
4	COV	PL	120* 6	460		0.44								
4	COV-O	RB	13 φ	280		0.05	A	0.05						
32	COV	BN	M 12* 35			0.04						1-W,HDG		
2	PR-SPL	PL	175* 18	620		0.43	E	0.22	M	0.43				
16	PR-SPL	TCB	M 22* 95			0.08	I	0.08						
JL6A-JL7							A	0.05	E	1.30	G	0.20	H	1.23
JL6A-JL7							I	0.45	K	0.03	L	0.58	M	5.45

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J14 JL7-JL8														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
1	D-SPL-U	PL	470* 9	2975		2.80	H	1.40	M	2.80				
1	D-SPL	PL	470* 14	223		0.21	G	0.10	M	0.21				
5	D-SPL	PL	470* 14	230		1.08	G	0.54	M	1.08				
4	D-SPL	PL	470* 14	80		0.30	G	0.15	M	0.30				
1	D-SPL	PL	470* 14	155		0.15	G	0.07	M	0.15				
48	D-SPL	TCB	M 22* 75			0.24	K	0.04	L	0.20				
96	D-SPL	HTB	M 22* 80			0.64	K	0.24	L	0.40				
10	UR-SPL-I	PL	155* 10	320		0.99	G	0.50	M	0.99				
40	UR-SPL-I	TCB	M 22* 65			0.20	K	0.20						
5	COV	PL	120* 6	460		0.55								
5	COV-I	RB	13 φ	280		0.06	C	0.06						
40	COV	BN	M 12* 35			0.06						1-W,HDG		
JL7-JL8							C	0.06	G	1.36	H	1.40	K	0.48
JL7-JL8							L	0.60	M	5.53				

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J14 JL8-RR1										
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Caluculation of Steel Primer

(Unit: mm,m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	470* 9	970		0.91	H	0.46	M	0.91				
1	D-SPL-U	PL	470* 9	305		0.29	H	0.14	M	0.29				
1	D-SPL	PL	470* 14	270		0.25	E	0.13	M	0.25				
2	D-SPL	PL	470* 14	250		0.47	E	0.24	M	0.47				
1	D-SPL	PL	470* 14	245		0.23	E	0.12	M	0.23				
66	D-SPL	TCB	M 22* 75			0.33	I	0.06	L	0.28				
1	ST-SPL	PL	255* 9	320		0.16	E	0.08	M	0.16				
1	ST-SPL	PL	335* 16	320		0.21	E	0.11	M	0.21				
12	ST-SPL	TCB	M 22* 70			0.06	I	0.06						
2	ST-SPL	PL	80* 9	320		0.10	E	0.05	M	0.10				
4	ST-SPL	TCB	M 22* 65			0.02	I	0.02						
6	PR-SPL	PL	175* 18	620		1.30	E	0.65	M	1.30				
48	PR-SPL	TCB	M 22* 95			0.24	I	0.24						
JL8-RR1							E	1.38	H	0.60	I	0.38	L	0.28
							M	3.92						
J14							A	0.12	C	0.22	E	8.21	G	5.89
							H	11.05	I	2.44	K	1.85	L	5.07
							M	50.10						

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J15 LL1-JL1														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	470* 9	970		0.91	H	0.46	M	0.91				
1	D-SPL-U	PL	470* 9	305		0.29	H	0.14	M	0.29				
1	D-SPL	PL	470* 14	270		0.25	E	0.13	M	0.25				
2	D-SPL	PL	470* 14	250		0.47	E	0.24	M	0.47				
1	D-SPL	PL	470* 14	245		0.23	E	0.12	M	0.23				
66	D-SPL	TCB	M 22* 75			0.33	I	0.06	L	0.28				
1	ST-SPL	PL	255* 9	320		0.16	E	0.08	M	0.16				
1	ST-SPL	PL	335* 16	320		0.21	E	0.11	M	0.21				
12	ST-SPL	TCB	M 22* 70			0.06	I	0.06						
2	ST-SPL	PL	80* 9	320		0.10	E	0.05	M	0.10				
4	ST-SPL	TCB	M 22* 65			0.02	I	0.02						
6	PR-SPL	PL	175* 18	620		1.30	E	0.65	M	1.30				
48	PR-SPL	TCB	M 22* 95			0.24	I	0.24						
LL1-JL1							E	1.38	H	0.60	I	0.38	L	0.28
							M	3.92						

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J15 JL1-JL2														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	470* 9	2975		2.80	H	1.40	M	2.80				
1	D-SPL	PL	470* 14	223		0.21	G	0.10	M	0.21				
5	D-SPL	PL	470* 14	230		1.08	G	0.54	M	1.08				
4	D-SPL	PL	470* 14	80		0.30	G	0.15	M	0.30				
1	D-SPL	PL	470* 14	155		0.15	G	0.07	M	0.15				
48	D-SPL	TCB	M 22* 75			0.24	K	0.04	L	0.20				
96	D-SPL	HTB	M 22* 80			0.64	K	0.24	L	0.40				
10	UR-SPL-I	PL	155* 10	320		0.99	G	0.50	M	0.99				
40	UR-SPL-I	TCB	M 22* 65			0.20	K	0.20						
5	COV	PL	120* 6	460		0.55								
5	COV-I	RB	13 ϕ	280		0.06	C	0.06						
40	COV	BN	M 12* 35			0.06							1-W,HDG	
JL1-JL2							C	0.06	G	1.36	H	1.40	K	0.48
							L	0.60	M	5.53				

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J15 JL2-JL3													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	470* 9	980		0.92	H	0.46	M	0.92			
2	D-SPL-U	PL	470* 9	305		0.57	H	0.29	M	0.57			

Caluculation of Steel Primer

(Unit: mm,m²)

2	D-SPL	PL	470* 14	245	0.46	E	0.23	M	0.46				
2	D-SPL	PL	470* 14	230	0.43	E	0.22	M	0.43				
2	D-SPL	PL	470* 14	80	0.15	E	0.08	M	0.15				
36	D-SPL	TCB	M 22* 75		0.18	I	0.03	L	0.15				
36	D-SPL	HTB	M 22* 80		0.24	I	0.09	L	0.15				
4	UR-SPL-O	PL	155* 10	320	0.40	E	0.10	G	0.10	M	0.40		
16	UR-SPL-O	TCB	M 22* 65		0.08	I	0.07	K	0.01				
2	COV	PL	120* 6	460	0.22								
2	COV-O	RB	13 ϕ	280	0.02	A	0.02						
16	COV	BN	M 12* 35		0.02								1-W,HDG
2	PR-SPL	PL	175* 18	620	0.43	E	0.22	M	0.43				
16	PR-SPL	TCB	M 22* 95		0.08	I	0.08						
JL2-JL3						A	0.02	E	0.85	G	0.10	H	0.75
						I	0.27	K	0.01	L	0.30	M	3.36

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J15 JL3-JL4													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	470* 9	2690	2.53	H	1.26	M	2.53				
2	D-SPL	PL	470* 14	155	0.29	G	0.15	M	0.29				
7	D-SPL	PL	470* 14	230	1.51	G	0.76	M	1.51				
78	D-SPL	TCB	M 22* 75		0.39	K	0.07	L	0.33				
72	D-SPL	HTB	M 22* 80		0.48	K	0.18	L	0.30				
8	UR-SPL-I	PL	155* 10	320	0.79	G	0.40	M	0.79				
32	UR-SPL-I	TCB	M 22* 65		0.16	K	0.16						
4	COV	PL	120* 6	460	0.44								
4	COV-I	RB	13 ϕ	280	0.05	C	0.05						
32	COV	BN	M 12* 35		0.04								1-W,HDG
JL3-JL4						C	0.05	G	1.31	H	1.26	K	0.41
						L	0.63	M	5.12				

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J15 JL4-JL5													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	470* 9	2630	2.47	H	1.24	M	2.47				
2	D-SPL-U	PL	470* 9	305	0.57	H	0.29	M	0.57				
2	D-SPL	PL	470* 14	245	0.46	E	0.23	M	0.46				
4	D-SPL	PL	470* 14	230	0.86	E	0.43	M	0.86				
4	D-SPL	PL	470* 14	280	1.05	E	0.53	M	1.05				
132	D-SPL	TCB	M 22* 75		0.67	I	0.11	L	0.55				
36	D-SPL	HTB	M 22* 80		0.24	I	0.09	L	0.15				
4	UR-SPL-O	PL	155* 10	320	0.40	E	0.10	G	0.10	M	0.40		

Caluculation of Steel Primer

(Unit: mm, m²)

16	UR-SPL-O	TCB	M 22* 65			0.08	I	0.07	K	0.01					
2	COV	PL	120* 6	460		0.22									
2	COV-O	RB	13 φ	280		0.02	A	0.02							
16	COV	BN	M 12* 35			0.02									1-W,HDG
10	PR-SPL	PL	175* 18	620		2.17	E	1.09	M	2.17					
80	PR-SPL	TCB	M 22* 95			0.40	I	0.40							
JL4-JL5							A	0.02	E	2.38	G	0.10	H	1.53	
							I	0.67	K	0.01	L	0.70	M	7.98	

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J15 JL5-JL6															
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks		
1	D-SPL-U	PL	470* 9	2690		2.53	H	1.26	M	2.53					
2	D-SPL	PL	470* 14	155		0.29	G	0.15	M	0.29					
7	D-SPL	PL	470* 14	230		1.51	G	0.76	M	1.51					
78	D-SPL	TCB	M 22* 75			0.39	K	0.07	L	0.33					
72	D-SPL	HTB	M 22* 80			0.48	K	0.18	L	0.30					
8	UR-SPL-I	PL	155* 10	320		0.79	G	0.40	M	0.79					
32	UR-SPL-I	TCB	M 22* 65			0.16	K	0.16							
4	COV	PL	120* 6	460		0.44									
4	COV-I	RB	13 φ	280		0.05	C	0.05							
32	COV	BN	M 12* 35			0.04									1-W,HDG
JL5-JL6							C	0.05	G	1.31	H	1.26	K	0.41	
							L	0.63	M	5.12					

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J15 JL6-JL6A															
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks		
1	D-SPL-U	PL	470* 9	305		0.29	H	0.14	M	0.29					
1	D-SPL-U	PL	470* 9	1570		1.48	H	0.74	M	1.48					
1	D-SPL-U	PL	470* 9	290		0.27	H	0.14	M	0.27					
1	D-SPL	PL	470* 14	245		0.23	E	0.12	M	0.23					
6	D-SPL	PL	470* 14	230		1.30	E	0.65	M	1.30					
60	D-SPL	TCB	M 22* 75			0.30	I	0.05	L	0.25					
54	D-SPL	HTB	M 22* 80			0.36	I	0.14	L	0.22					
6	UR-SPL-O	PL	155* 10	320		0.60	E	0.15	G	0.15	M	0.60			
24	UR-SPL-O	TCB	M 22* 65			0.12	I	0.10	K	0.02					
3	COV	PL	120* 6	460		0.33									
3	COV-O	RB	13 φ	280		0.03	A	0.03							
24	COV	BN	M 12* 35			0.03									1-W,HDG
JL6-JL6A							A	0.03	E	0.92	G	0.15	H	1.02	

Caluculation of Steel Primer

(Unit: mm, m²)

	I	0.29	K	0.02	L	0.47	M	4.17	
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APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J15 JL6A-JL7														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
1	D-SPL-U	PL	470* 9	2310		2.17	H	1.09	M	2.17				
1	D-SPL-U	PL	470* 9	305		0.29	H	0.14	M	0.29				
6	D-SPL	PL	470* 14	230		1.30	E	0.65	M	1.30				
1	D-SPL	PL	470* 14	155		0.15	E	0.07	M	0.15				
1	D-SPL	PL	470* 14	80		0.08	E	0.04	M	0.08				
1	D-SPL	PL	470* 14	245		0.23	E	0.12	M	0.23				
66	D-SPL	TCB	M 22* 75			0.33	I	0.06	L	0.28				
72	D-SPL	HTB	M 22* 80			0.48	I	0.18	L	0.30				
8	UR-SPL-O	PL	155* 10	320		0.79	E	0.20	G	0.20	M	0.79		
32	UR-SPL-O	TCB	M 22* 65			0.16	I	0.13	K	0.03				
4	COV	PL	120* 6	460		0.44								
4	COV-O	RB	13 φ	280		0.05	A	0.05						
32	COV	BN	M 12* 35			0.04						1-W,HDG		
2	PR-SPL	PL	175* 18	620		0.43	E	0.22	M	0.43				
16	PR-SPL	TCB	M 22* 95			0.08	I	0.08						
JL6A-JL7							A	0.05	E	1.30	G	0.20	H	1.23
JL6A-JL7							I	0.45	K	0.03	L	0.58	M	5.44

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J15 JL7-JL8														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
1	D-SPL-U	PL	470* 9	2975		2.80	H	1.40	M	2.80				
1	D-SPL	PL	470* 14	223		0.21	G	0.10	M	0.21				
5	D-SPL	PL	470* 14	230		1.08	G	0.54	M	1.08				
4	D-SPL	PL	470* 14	80		0.30	G	0.15	M	0.30				
1	D-SPL	PL	470* 14	155		0.15	G	0.07	M	0.15				
48	D-SPL	TCB	M 22* 75			0.24	K	0.04	L	0.20				
96	D-SPL	HTB	M 22* 80			0.64	K	0.24	L	0.40				
10	UR-SPL-I	PL	155* 10	320		0.99	G	0.50	M	0.99				
40	UR-SPL-I	TCB	M 22* 65			0.20	K	0.20						
5	COV	PL	120* 6	460		0.55								
5	COV-I	RB	13 φ	280		0.06	C	0.06						
40	COV	BN	M 12* 35			0.06						1-W,HDG		
JL7-JL8							C	0.06	G	1.36	H	1.40	K	0.48
JL7-JL8							L	0.60	M	5.53				

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J15 JL8-RR1										
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Caluculation of Steel Primer

(Unit: mm,m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	470* 9	970		0.91	H	0.46	M	0.91				
1	D-SPL-U	PL	470* 9	305		0.29	H	0.14	M	0.29				
1	D-SPL	PL	470* 14	270		0.25	E	0.13	M	0.25				
2	D-SPL	PL	470* 14	250		0.47	E	0.24	M	0.47				
1	D-SPL	PL	470* 14	245		0.23	E	0.12	M	0.23				
66	D-SPL	TCB	M 22* 75			0.33	I	0.06	L	0.28				
1	ST-SPL	PL	255* 9	320		0.16	E	0.08	M	0.16				
1	ST-SPL	PL	335* 16	320		0.21	E	0.11	M	0.21				
12	ST-SPL	TCB	M 22* 70			0.06	I	0.06						
2	ST-SPL	PL	80* 9	320		0.10	E	0.05	M	0.10				
4	ST-SPL	TCB	M 22* 65			0.02	I	0.02						
6	PR-SPL	PL	175* 18	620		1.30	E	0.65	M	1.30				
48	PR-SPL	TCB	M 22* 95			0.24	I	0.24						
JL8-RR1							E	1.38	H	0.60	I	0.38	L	0.28
							M	3.92						
J15							A	0.12	C	0.22	E	8.21	G	5.89
							H	11.05	I	2.44	K	1.85	L	5.07
							M	50.09						

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J16 LL1-JL1														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	470* 9	970		0.91	H	0.46	M	0.91				
1	D-SPL-U	PL	470* 9	305		0.29	H	0.14	M	0.29				
1	D-SPL	PL	470* 14	270		0.25	E	0.13	M	0.25				
2	D-SPL	PL	470* 14	250		0.47	E	0.24	M	0.47				
1	D-SPL	PL	470* 14	245		0.23	E	0.12	M	0.23				
66	D-SPL	TCB	M 22* 75			0.33	I	0.06	L	0.28				
1	ST-SPL	PL	255* 9	320		0.16	E	0.08	M	0.16				
1	ST-SPL	PL	335* 16	320		0.21	E	0.11	M	0.21				
12	ST-SPL	TCB	M 22* 70			0.06	I	0.06						
2	ST-SPL	PL	80* 9	320		0.10	E	0.05	M	0.10				
4	ST-SPL	TCB	M 22* 65			0.02	I	0.02						
6	PR-SPL	PL	175* 18	620		1.30	E	0.65	M	1.30				
48	PR-SPL	TCB	M 22* 95			0.24	I	0.24						
LL1-JL1							E	1.38	H	0.60	I	0.38	L	0.28
							M	3.92						

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J16 JL1-JL2														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	470* 9	2975		2.80	H	1.40	M	2.80				
1	D-SPL	PL	470* 14	223		0.21	G	0.10	M	0.21				
5	D-SPL	PL	470* 14	230		1.08	G	0.54	M	1.08				
4	D-SPL	PL	470* 14	80		0.30	G	0.15	M	0.30				
1	D-SPL	PL	470* 14	155		0.15	G	0.07	M	0.15				
48	D-SPL	TCB	M 22* 75			0.24	K	0.04	L	0.20				
96	D-SPL	HTB	M 22* 80			0.64	K	0.24	L	0.40				
10	UR-SPL-I	PL	155* 10	320		0.99	G	0.50	M	0.99				
40	UR-SPL-I	TCB	M 22* 65			0.20	K	0.20						
5	COV	PL	120* 6	460		0.55								
5	COV-I	RB	13 φ	280		0.06	C	0.06						
40	COV	BN	M 12* 35			0.06							1-W,HDG	
JL1-JL2							C	0.06	G	1.36	H	1.40	K	0.48
							L	0.60	M	5.53				

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J16 JL2-JL3													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	470* 9	980		0.92	H	0.46	M	0.92			
2	D-SPL-U	PL	470* 9	305		0.57	H	0.29	M	0.57			

Caluculation of Steel Primer

(Unit: mm,m²)

2	D-SPL	PL	470* 14	245	0.46	E	0.23	M	0.46				
2	D-SPL	PL	470* 14	230	0.43	E	0.22	M	0.43				
2	D-SPL	PL	470* 14	80	0.15	E	0.08	M	0.15				
36	D-SPL	TCB	M 22* 75		0.18	I	0.03	L	0.15				
36	D-SPL	HTB	M 22* 80		0.24	I	0.09	L	0.15				
4	UR-SPL-O	PL	155* 10	320	0.40	E	0.10	G	0.10	M	0.40		
16	UR-SPL-O	TCB	M 22* 65		0.08	I	0.07	K	0.01				
2	COV	PL	120* 6	460	0.22								
2	COV-O	RB	13 ϕ	280	0.02	A	0.02						
16	COV	BN	M 12* 35		0.02								1-W,HDG
2	PR-SPL	PL	175* 18	620	0.43	E	0.22	M	0.43				
16	PR-SPL	TCB	M 22* 95		0.08	I	0.08						
JL2-JL3						A	0.02	E	0.85	G	0.10	H	0.75
						I	0.27	K	0.01	L	0.30	M	3.36

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J16 JL3-JL4													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	470* 9	2690	2.53	H	1.26	M	2.53				
2	D-SPL	PL	470* 14	155	0.29	G	0.15	M	0.29				
7	D-SPL	PL	470* 14	230	1.51	G	0.76	M	1.51				
78	D-SPL	TCB	M 22* 75		0.39	K	0.07	L	0.33				
72	D-SPL	HTB	M 22* 80		0.48	K	0.18	L	0.30				
8	UR-SPL-I	PL	155* 10	320	0.79	G	0.40	M	0.79				
32	UR-SPL-I	TCB	M 22* 65		0.16	K	0.16						
4	COV	PL	120* 6	460	0.44								
4	COV-I	RB	13 ϕ	280	0.05	C	0.05						
32	COV	BN	M 12* 35		0.04								1-W,HDG
JL3-JL4						C	0.05	G	1.31	H	1.26	K	0.41
						L	0.63	M	5.12				

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J16 JL4-JL5													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	470* 9	2630	2.47	H	1.24	M	2.47				
2	D-SPL-U	PL	470* 9	305	0.57	H	0.29	M	0.57				
2	D-SPL	PL	470* 14	245	0.46	E	0.23	M	0.46				
4	D-SPL	PL	470* 14	230	0.86	E	0.43	M	0.86				
4	D-SPL	PL	470* 14	280	1.05	E	0.53	M	1.05				
132	D-SPL	TCB	M 22* 75		0.67	I	0.11	L	0.55				
36	D-SPL	HTB	M 22* 80		0.24	I	0.09	L	0.15				
4	UR-SPL-O	PL	155* 10	320	0.40	E	0.10	G	0.10	M	0.40		

Caluculation of Steel Primer

(Unit: mm, m²)

16	UR-SPL-O	TCB	M 22* 65			0.08	I	0.07	K	0.01					
2	COV	PL	120* 6	460		0.22									
2	COV-O	RB	13 φ	280		0.02	A	0.02							
16	COV	BN	M 12* 35			0.02									1-W,HDG
10	PR-SPL	PL	175* 18	620		2.17	E	1.09	M	2.17					
80	PR-SPL	TCB	M 22* 95			0.40	I	0.40							
JL4-JL5							A	0.02	E	2.38	G	0.10	H	1.53	
							I	0.67	K	0.01	L	0.70	M	7.98	

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J16 JL5-JL6															
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks		
1	D-SPL-U	PL	470* 9	2690		2.53	H	1.26	M	2.53					
2	D-SPL	PL	470* 14	155		0.29	G	0.15	M	0.29					
7	D-SPL	PL	470* 14	230		1.51	G	0.76	M	1.51					
78	D-SPL	TCB	M 22* 75			0.39	K	0.07	L	0.33					
72	D-SPL	HTB	M 22* 80			0.48	K	0.18	L	0.30					
8	UR-SPL-I	PL	155* 10	320		0.79	G	0.40	M	0.79					
32	UR-SPL-I	TCB	M 22* 65			0.16	K	0.16							
4	COV	PL	120* 6	460		0.44									
4	COV-I	RB	13 φ	280		0.05	C	0.05							
32	COV	BN	M 12* 35			0.04									1-W,HDG
JL5-JL6							C	0.05	G	1.31	H	1.26	K	0.41	
							L	0.63	M	5.12					

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J16 JL6-JL6A															
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks		
1	D-SPL-U	PL	470* 9	305		0.29	H	0.14	M	0.29					
1	D-SPL-U	PL	470* 9	1570		1.48	H	0.74	M	1.48					
1	D-SPL-U	PL	470* 9	290		0.27	H	0.14	M	0.27					
1	D-SPL	PL	470* 14	245		0.23	E	0.12	M	0.23					
6	D-SPL	PL	470* 14	230		1.30	E	0.65	M	1.30					
60	D-SPL	TCB	M 22* 75			0.30	I	0.05	L	0.25					
54	D-SPL	HTB	M 22* 80			0.36	I	0.14	L	0.22					
6	UR-SPL-O	PL	155* 10	320		0.60	E	0.15	G	0.15	M	0.60			
24	UR-SPL-O	TCB	M 22* 65			0.12	I	0.10	K	0.02					
3	COV	PL	120* 6	460		0.33									
3	COV-O	RB	13 φ	280		0.03	A	0.03							
24	COV	BN	M 12* 35			0.03									1-W,HDG
JL6-JL6A							A	0.03	E	0.92	G	0.15	H	1.02	

Caluculation of Steel Primer

(Unit: mm, m²)

	I	0.29	K	0.02	L	0.47	M	4.17	
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APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J16 JL6A-JL7														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
1	D-SPL-U	PL	470* 9	2072		1.95	H	0.97	M	1.95				
1	D-SPL-U	PL	470* 9	305		0.29	H	0.14	M	0.29				
4	D-SPL	PL	470* 14	230		0.86	E	0.43	M	0.86				
1	D-SPL	PL	470* 14	180		0.17	E	0.08	M	0.17				
1	D-SPL	PL	470* 14	80		0.08	E	0.04	M	0.08				
1	D-SPL	PL	470* 14	245		0.23	E	0.12	M	0.23				
60	D-SPL	TCB	M 22* 75			0.30	I	0.05	L	0.25				
54	D-SPL	HTB	M 22* 80			0.36	I	0.14	L	0.22				
6	UR-SPL-O	PL	155* 10	320		0.60	E	0.15	G	0.15	M	0.60		
24	UR-SPL-O	TCB	M 22* 65			0.12	I	0.10	K	0.02				
3	COV	PL	120* 6	460		0.33								
3	COV-O	RB	13 φ	280		0.03	A	0.03						
24	COV	BN	M 12* 35			0.03						1-W,HDG		
6	PR-SPL	PL	175* 18	620		1.30	E	0.65	M	1.30				
48	PR-SPL	TCB	M 22* 95			0.24	I	0.24						
JL6A-JL7							A	0.03	E	1.47	G	0.15	H	1.11
JL6A-JL7							I	0.53	K	0.02	L	0.47	M	5.48

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J16 JL7-JL8														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
1	D-SPL-U	PL	470* 9	2975		2.80	H	1.40	M	2.80				
1	D-SPL	PL	470* 14	223		0.21	G	0.10	M	0.21				
5	D-SPL	PL	470* 14	230		1.08	G	0.54	M	1.08				
4	D-SPL	PL	470* 14	80		0.30	G	0.15	M	0.30				
1	D-SPL	PL	470* 14	155		0.15	G	0.07	M	0.15				
48	D-SPL	TCB	M 22* 75			0.24	K	0.04	L	0.20				
96	D-SPL	HTB	M 22* 80			0.64	K	0.24	L	0.40				
10	UR-SPL-I	PL	155* 10	320		0.99	G	0.50	M	0.99				
40	UR-SPL-I	TCB	M 22* 65			0.20	K	0.20						
5	COV	PL	120* 6	460		0.55								
5	COV-I	RB	13 φ	280		0.06	C	0.06						
40	COV	BN	M 12* 35			0.06						1-W,HDG		
JL7-JL8							C	0.06	G	1.36	H	1.40	K	0.48
JL7-JL8							L	0.60	M	5.53				

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J16 JL8-RR1										
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Caluculation of Steel Primer

(Unit: mm,m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	470* 9	970		0.91	H	0.46	M	0.91				
1	D-SPL-U	PL	470* 9	305		0.29	H	0.14	M	0.29				
1	D-SPL	PL	470* 14	270		0.25	E	0.13	M	0.25				
2	D-SPL	PL	470* 14	250		0.47	E	0.24	M	0.47				
1	D-SPL	PL	470* 14	245		0.23	E	0.12	M	0.23				
66	D-SPL	TCB	M 22* 75			0.33	I	0.06	L	0.28				
1	ST-SPL	PL	255* 9	320		0.16	E	0.08	M	0.16				
1	ST-SPL	PL	335* 16	320		0.21	E	0.11	M	0.21				
12	ST-SPL	TCB	M 22* 70			0.06	I	0.06						
2	ST-SPL	PL	80* 9	320		0.10	E	0.05	M	0.10				
4	ST-SPL	TCB	M 22* 65			0.02	I	0.02						
6	PR-SPL	PL	175* 18	620		1.30	E	0.65	M	1.30				
48	PR-SPL	TCB	M 22* 95			0.24	I	0.24						
JL8-RR1							E	1.38	H	0.60	I	0.38	L	0.28
							M	3.92						
J16							A	0.10	C	0.22	E	8.38	G	5.84
							H	10.93	I	2.52	K	1.84	L	4.96
							M	50.13						

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J17 LL1-JL1														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	470* 9	970		0.91	H	0.46	M	0.91				
1	D-SPL-U	PL	470* 9	305		0.29	H	0.14	M	0.29				
1	D-SPL	PL	470* 14	270		0.25	E	0.13	M	0.25				
2	D-SPL	PL	470* 14	250		0.47	E	0.24	M	0.47				
1	D-SPL	PL	470* 14	245		0.23	E	0.12	M	0.23				
66	D-SPL	TCB	M 22* 75			0.33	I	0.06	L	0.28				
1	ST-SPL	PL	255* 9	320		0.16	E	0.08	M	0.16				
1	ST-SPL	PL	335* 16	320		0.21	E	0.11	M	0.21				
12	ST-SPL	TCB	M 22* 70			0.06	I	0.06						
2	ST-SPL	PL	80* 9	320		0.10	E	0.05	M	0.10				
4	ST-SPL	TCB	M 22* 65			0.02	I	0.02						
6	PR-SPL	PL	175* 18	620		1.30	E	0.65	M	1.30				
48	PR-SPL	TCB	M 22* 95			0.24	I	0.24						
LL1-JL1							E	1.38	H	0.60	I	0.38	L	0.28
							M	3.92						

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J17 JL1-JL2														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	470* 9	2975		2.80	H	1.40	M	2.80				
1	D-SPL	PL	470* 14	223		0.21	G	0.10	M	0.21				
5	D-SPL	PL	470* 14	230		1.08	G	0.54	M	1.08				
4	D-SPL	PL	470* 14	80		0.30	G	0.15	M	0.30				
1	D-SPL	PL	470* 14	155		0.15	G	0.07	M	0.15				
48	D-SPL	TCB	M 22* 75			0.24	K	0.04	L	0.20				
96	D-SPL	HTB	M 22* 80			0.64	K	0.24	L	0.40				
10	UR-SPL-I	PL	155* 10	320		0.99	G	0.50	M	0.99				
40	UR-SPL-I	TCB	M 22* 65			0.20	K	0.20						
5	COV	PL	120* 6	460		0.55								
5	COV-I	RB	13 ϕ	280		0.06	C	0.06						
40	COV	BN	M 12* 35			0.06							1-W,HDG	
JL1-JL2							C	0.06	G	1.36	H	1.40	K	0.48
							L	0.60	M	5.53				

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J17 JL2-JL3													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	470* 9	980		0.92	H	0.46	M	0.92			
2	D-SPL-U	PL	470* 9	305		0.57	H	0.29	M	0.57			

Caluculation of Steel Primer

(Unit: mm,m²)

2	D-SPL	PL	470* 14	245	0.46	E	0.23	M	0.46				
2	D-SPL	PL	470* 14	230	0.43	E	0.22	M	0.43				
2	D-SPL	PL	470* 14	80	0.15	E	0.08	M	0.15				
36	D-SPL	TCB	M 22* 75		0.18	I	0.03	L	0.15				
36	D-SPL	HTB	M 22* 80		0.24	I	0.09	L	0.15				
4	UR-SPL-O	PL	155* 10	320	0.40	E	0.10	G	0.10	M	0.40		
16	UR-SPL-O	TCB	M 22* 65		0.08	I	0.07	K	0.01				
2	COV	PL	120* 6	460	0.22								
2	COV-O	RB	13 ϕ	280	0.02	A	0.02						
16	COV	BN	M 12* 35		0.02								1-W,HDG
2	PR-SPL	PL	175* 18	620	0.43	E	0.22	M	0.43				
16	PR-SPL	TCB	M 22* 95		0.08	I	0.08						
JL2-JL3						A	0.02	E	0.85	G	0.10	H	0.75
						I	0.27	K	0.01	L	0.30	M	3.36

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J17 JL3-JL4													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	470* 9	2690	2.53	H	1.26	M	2.53				
2	D-SPL	PL	470* 14	155	0.29	G	0.15	M	0.29				
7	D-SPL	PL	470* 14	230	1.51	G	0.76	M	1.51				
78	D-SPL	TCB	M 22* 75		0.39	K	0.07	L	0.33				
72	D-SPL	HTB	M 22* 80		0.48	K	0.18	L	0.30				
8	UR-SPL-I	PL	155* 10	320	0.79	G	0.40	M	0.79				
32	UR-SPL-I	TCB	M 22* 65		0.16	K	0.16						
4	COV	PL	120* 6	460	0.44								
4	COV-I	RB	13 ϕ	280	0.05	C	0.05						
32	COV	BN	M 12* 35		0.04								1-W,HDG
JL3-JL4						C	0.05	G	1.31	H	1.26	K	0.41
						L	0.63	M	5.12				

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J17 JL4-JL5													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	470* 9	2630	2.47	H	1.24	M	2.47				
2	D-SPL-U	PL	470* 9	305	0.57	H	0.29	M	0.57				
2	D-SPL	PL	470* 14	245	0.46	E	0.23	M	0.46				
4	D-SPL	PL	470* 14	230	0.86	E	0.43	M	0.86				
4	D-SPL	PL	470* 14	280	1.05	E	0.53	M	1.05				
132	D-SPL	TCB	M 22* 75		0.67	I	0.11	L	0.55				
36	D-SPL	HTB	M 22* 80		0.24	I	0.09	L	0.15				
4	UR-SPL-O	PL	155* 10	320	0.40	E	0.10	G	0.10	M	0.40		

Caluculation of Steel Primer

(Unit: mm, m²)

16	UR-SPL-O	TCB	M 22* 65			0.08	I	0.07	K	0.01					
2	COV	PL	120* 6	460		0.22									
2	COV-O	RB	13 φ	280		0.02	A	0.02							
16	COV	BN	M 12* 35			0.02									1-W,HDG
10	PR-SPL	PL	175* 18	620		2.17	E	1.09	M	2.17					
80	PR-SPL	TCB	M 22* 95			0.40	I	0.40							
JL4-JL5							A	0.02	E	2.38	G	0.10	H	1.53	
							I	0.67	K	0.01	L	0.70	M	7.98	

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J17 JL5-JL6															
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks		
1	D-SPL-U	PL	470* 9	2690		2.53	H	1.26	M	2.53					
2	D-SPL	PL	470* 14	155		0.29	G	0.15	M	0.29					
7	D-SPL	PL	470* 14	230		1.51	G	0.76	M	1.51					
78	D-SPL	TCB	M 22* 75			0.39	K	0.07	L	0.33					
72	D-SPL	HTB	M 22* 80			0.48	K	0.18	L	0.30					
8	UR-SPL-I	PL	155* 10	320		0.79	G	0.40	M	0.79					
32	UR-SPL-I	TCB	M 22* 65			0.16	K	0.16							
4	COV	PL	120* 6	460		0.44									
4	COV-I	RB	13 φ	280		0.05	C	0.05							
32	COV	BN	M 12* 35			0.04									1-W,HDG
JL5-JL6							C	0.05	G	1.31	H	1.26	K	0.41	
							L	0.63	M	5.12					

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J17 JL6-JL6A															
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks		
1	D-SPL-U	PL	470* 9	305		0.29	H	0.14	M	0.29					
1	D-SPL-U	PL	470* 9	1570		1.48	H	0.74	M	1.48					
1	D-SPL-U	PL	470* 9	290		0.27	H	0.14	M	0.27					
1	D-SPL	PL	470* 14	245		0.23	E	0.12	M	0.23					
6	D-SPL	PL	470* 14	230		1.30	E	0.65	M	1.30					
60	D-SPL	TCB	M 22* 75			0.30	I	0.05	L	0.25					
54	D-SPL	HTB	M 22* 80			0.36	I	0.14	L	0.22					
6	UR-SPL-O	PL	155* 10	320		0.60	E	0.15	G	0.15	M	0.60			
24	UR-SPL-O	TCB	M 22* 65			0.12	I	0.10	K	0.02					
3	COV	PL	120* 6	460		0.33									
3	COV-O	RB	13 φ	280		0.03	A	0.03							
24	COV	BN	M 12* 35			0.03									1-W,HDG
JL6-JL6A							A	0.03	E	0.92	G	0.15	H	1.02	

Caluculation of Steel Primer

(Unit: mm,m²)

	I	0.29	K	0.02	L	0.47	M	4.17	
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APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J17 JL6A-JL7														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
1	D-SPL-U	PL	470* 9	1466		1.38	H	0.69	M	1.38				
1	D-SPL-U	PL	470* 9	305		0.29	H	0.14	M	0.29				
3	D-SPL	PL	470* 14	230		0.65	E	0.32	M	0.65				
3	D-SPL	PL	470* 14	80		0.23	E	0.11	M	0.23				
1	D-SPL	PL	470* 14	245		0.23	E	0.12	M	0.23				
48	D-SPL	TCB	M 22* 75			0.24	I	0.04	L	0.20				
36	D-SPL	HTB	M 22* 80			0.24	I	0.09	L	0.15				
4	UR-SPL-O	PL	155* 10	320		0.40	E	0.10	G	0.10	M	0.40		
16	UR-SPL-O	TCB	M 22* 65			0.08	I	0.07	K	0.01				
2	COV	PL	120* 6	460		0.22								
2	COV-O	RB	13 ϕ	280		0.02	A	0.02						
16	COV	BN	M 12* 35			0.02						1-W,HDG		
6	PR-SPL	PL	175* 18	620		1.30	E	0.65	M	1.30				
48	PR-SPL	TCB	M 22* 95			0.24	I	0.24						
JL6A-JL7							A	0.02	E	1.30	G	0.10	H	0.83
JL6A-JL7							I	0.44	K	0.01	L	0.35	M	4.48

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J17 JL7-JL8														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
1	D-SPL-U	PL	470* 9	2975		2.80	H	1.40	M	2.80				
1	D-SPL	PL	470* 14	223		0.21	G	0.10	M	0.21				
5	D-SPL	PL	470* 14	230		1.08	G	0.54	M	1.08				
4	D-SPL	PL	470* 14	80		0.30	G	0.15	M	0.30				
1	D-SPL	PL	470* 14	155		0.15	G	0.07	M	0.15				
48	D-SPL	TCB	M 22* 75			0.24	K	0.04	L	0.20				
96	D-SPL	HTB	M 22* 80			0.64	K	0.24	L	0.40				
10	UR-SPL-I	PL	155* 10	320		0.99	G	0.50	M	0.99				
40	UR-SPL-I	TCB	M 22* 65			0.20	K	0.20						
5	COV	PL	120* 6	460		0.55								
5	COV-I	RB	13 ϕ	280		0.06	C	0.06						
40	COV	BN	M 12* 35			0.06						1-W,HDG		
JL7-JL8							C	0.06	G	1.36	H	1.40	K	0.48
JL7-JL8							L	0.60	M	5.53				

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J17 JL8-RR1										

Caluculation of Steel Primer

(Unit: mm,m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	470* 9	970		0.91	H	0.46	M	0.91				
1	D-SPL-U	PL	470* 9	305		0.29	H	0.14	M	0.29				
1	D-SPL	PL	470* 14	270		0.25	E	0.13	M	0.25				
2	D-SPL	PL	470* 14	250		0.47	E	0.24	M	0.47				
1	D-SPL	PL	470* 14	245		0.23	E	0.12	M	0.23				
66	D-SPL	TCB	M 22* 75			0.33	I	0.06	L	0.28				
1	ST-SPL	PL	255* 9	320		0.16	E	0.08	M	0.16				
1	ST-SPL	PL	335* 16	320		0.21	E	0.11	M	0.21				
12	ST-SPL	TCB	M 22* 70			0.06	I	0.06						
2	ST-SPL	PL	80* 9	320		0.10	E	0.05	M	0.10				
4	ST-SPL	TCB	M 22* 65			0.02	I	0.02						
6	PR-SPL	PL	175* 18	620		1.30	E	0.65	M	1.30				
48	PR-SPL	TCB	M 22* 95			0.24	I	0.24						
JL8-RR1							E	1.38	H	0.60	I	0.38	L	0.28
							M	3.92						
J17							A	0.09	C	0.22	E	8.21	G	5.79
							H	10.65	I	2.43	K	1.83	L	4.84
							M	49.13						

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J18 LL1-JL1														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	620* 9	970		1.20	H	0.60	M	1.20				
1	D-SPL-U	PL	620* 9	305		0.38	H	0.19	M	0.38				
1	D-SPL	PL	620* 14	270		0.33	E	0.17	M	0.33				
2	D-SPL	PL	620* 14	250		0.62	E	0.31	M	0.62				
1	D-SPL	PL	620* 14	245		0.30	E	0.15	M	0.30				
88	D-SPL	TCB	M 22* 75			0.45	I	0.08	L	0.37				
1	ST-SPL	PL	255* 9	320		0.16	E	0.08	M	0.16				
1	ST-SPL	PL	335* 16	320		0.21	E	0.11	M	0.21				
12	ST-SPL	TCB	M 22* 70			0.06	I	0.06						
2	ST-SPL	PL	80* 9	320		0.10	E	0.05	M	0.10				
4	ST-SPL	TCB	M 22* 65			0.02	I	0.02						
6	PR-SPL	PL	175* 18	770		1.62	E	0.81	M	1.62				
60	PR-SPL	TCB	M 22* 95			0.30	I	0.30						
LL1-JL1							E	1.68	H	0.79	I	0.46	L	0.37
							M	4.92						

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J18 JL1-JL2														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	620* 9	2975		3.69	H	1.84	M	3.69				
1	D-SPL	PL	620* 14	223		0.28	G	0.14	M	0.28				
5	D-SPL	PL	620* 14	230		1.43	G	0.71	M	1.43				
4	D-SPL	PL	620* 14	80		0.40	G	0.20	M	0.40				
1	D-SPL	PL	620* 14	155		0.19	G	0.10	M	0.19				
64	D-SPL	TCB	M 22* 75			0.32	K	0.06	L	0.27				
128	D-SPL	HTB	M 22* 80			0.86	K	0.33	L	0.53				
10	UR-SPL-I	PL	155* 10	470		1.46	G	0.73	M	1.46				
60	UR-SPL-I	TCB	M 22* 65			0.30	K	0.30						
5	COV	PL	120* 6	460		0.55								
5	COV-I	RB	13 ϕ	280		0.06	C	0.06						
40	COV	BN	M 12* 35			0.06							1-W,HDG	
JL1-JL2							C	0.06	G	1.88	H	1.84	K	0.69
							L	0.80	M	7.45				

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J18 JL2-JL3													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	620* 9	980		1.22	H	0.61	M	1.22			
2	D-SPL-U	PL	620* 9	305		0.76	H	0.38	M	0.76			

Caluculation of Steel Primer

(Unit: mm,m²)

2	D-SPL	PL	620* 14	245	0.61	E	0.30	M	0.61				
2	D-SPL	PL	620* 14	230	0.57	E	0.29	M	0.57				
2	D-SPL	PL	620* 14	80	0.20	E	0.10	M	0.20				
48	D-SPL	TCB	M 22* 75		0.24	I	0.04	L	0.20				
48	D-SPL	HTB	M 22* 80		0.32	I	0.12	L	0.20				
4	UR-SPL-O	PL	155* 10	470	0.58	E	0.15	G	0.15	M	0.58		
24	UR-SPL-O	TCB	M 22* 65		0.12	I	0.10	K	0.02				
2	COV	PL	120* 6	460	0.22								
2	COV-O	RB	13 ϕ	280	0.02	A	0.02						
16	COV	BN	M 12* 35		0.02								1-W,HDG
2	PR-SPL	PL	175* 18	770	0.54	E	0.27	M	0.54				
20	PR-SPL	TCB	M 22* 95		0.10	I	0.10						
JL2-JL3						A	0.02	E	1.11	G	0.15	H	0.99
JL2-JL3						I	0.36	K	0.02	L	0.40	M	4.48

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J18 JL3-JL4													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	620* 9	2690	3.34	H	1.67	M	3.34				
2	D-SPL	PL	620* 14	155	0.38	G	0.19	M	0.38				
7	D-SPL	PL	620* 14	230	2.00	G	1.00	M	2.00				
104	D-SPL	TCB	M 22* 75		0.53	K	0.09	L	0.44				
96	D-SPL	HTB	M 22* 80		0.64	K	0.24	L	0.40				
8	UR-SPL-I	PL	155* 10	470	1.17	G	0.58	M	1.17				
48	UR-SPL-I	TCB	M 22* 65		0.24	K	0.24						
4	COV	PL	120* 6	460	0.44								
4	COV-I	RB	13 ϕ	280	0.05	C	0.05						
32	COV	BN	M 12* 35		0.04								1-W,HDG
JL3-JL4						C	0.05	G	1.77	H	1.67	K	0.57
JL3-JL4						L	0.84	M	6.89				

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J18 JL4-JL5													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	620* 9	2630	3.26	H	1.63	M	3.26				
2	D-SPL-U	PL	620* 9	305	0.76	H	0.38	M	0.76				
2	D-SPL	PL	620* 14	245	0.61	E	0.30	M	0.61				
4	D-SPL	PL	620* 14	230	1.14	E	0.57	M	1.14				
4	D-SPL	PL	620* 14	280	1.39	E	0.69	M	1.39				
176	D-SPL	TCB	M 22* 75		0.89	I	0.15	L	0.74				
48	D-SPL	HTB	M 22* 80		0.32	I	0.12	L	0.20				
4	UR-SPL-O	PL	155* 10	470	0.58	E	0.15	G	0.15	M	0.58		

Caluculation of Steel Primer

(Unit: mm, m²)

24	UR-SPL-O	TCB	M 22* 65			0.12	I	0.10	K	0.02							
2	COV	PL	120* 6	460		0.22											
2	COV-O	RB	13 φ	280		0.02	A	0.02									
16	COV	BN	M 12* 35			0.02											1-W,HDG
10	PR-SPL	PL	175* 18	770		2.70	E	1.35	M	2.70							
100	PR-SPL	TCB	M 22* 95			0.51	I	0.51									
JL4-JL5							A	0.02	E	3.06	G	0.15	H	2.01			
							I	0.88	K	0.02	L	0.94	M	10.44			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J18 JL5-JL6																	
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area										Remarks
1	D-SPL-U	PL	620* 9	2690		3.34	H	1.67	M	3.34							
2	D-SPL	PL	620* 14	155		0.38	G	0.19	M	0.38							
7	D-SPL	PL	620* 14	230		2.00	G	1.00	M	2.00							
104	D-SPL	TCB	M 22* 75			0.53	K	0.09	L	0.44							
96	D-SPL	HTB	M 22* 80			0.64	K	0.24	L	0.40							
8	UR-SPL-I	PL	155* 10	470		1.17	G	0.58	M	1.17							
48	UR-SPL-I	TCB	M 22* 65			0.24	K	0.24									
4	COV	PL	120* 6	460		0.44											
4	COV-I	RB	13 φ	280		0.05	C	0.05									
32	COV	BN	M 12* 35			0.04											1-W,HDG
JL5-JL6							C	0.05	G	1.77	H	1.67	K	0.57			
							L	0.84	M	6.89							

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J18 JL6-JL6A																	
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area										Remarks
1	D-SPL-U	PL	620* 9	305		0.38	H	0.19	M	0.38							
1	D-SPL-U	PL	620* 9	1570		1.95	H	0.97	M	1.95							
1	D-SPL-U	PL	620* 9	290		0.36	H	0.18	M	0.36							
1	D-SPL	PL	620* 14	245		0.30	E	0.15	M	0.30							
6	D-SPL	PL	620* 14	230		1.71	E	0.86	M	1.71							
80	D-SPL	TCB	M 22* 75			0.40	I	0.07	L	0.34							
72	D-SPL	HTB	M 22* 80			0.48	I	0.18	L	0.30							
JL6-JL6A							E	1.01	H	1.34	I	0.25	L	0.64			
							M	4.70									

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J18 JL6A-JL7																	
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area										Remarks

Caluculation of Steel Primer

(Unit: mm, m²)

1	D-SPL-U	PL	620* 9	840		1.04	H	0.52	M	1.04				
1	D-SPL-U	PL	620* 9	305		0.38	H	0.19	M	0.38				
1	D-SPL	PL	620* 14	230		0.29	E	0.14	M	0.29				
3	D-SPL	PL	620* 14	80		0.30	E	0.15	M	0.30				
1	D-SPL	PL	620* 14	245		0.30	E	0.15	M	0.30				
40	D-SPL	TCB	M 22* 75			0.20	I	0.03	L	0.17				
24	D-SPL	HTB	M 22* 80			0.16	I	0.06	L	0.10				
8	UR-SPL-O	PL	155* 10	470		1.17	E	0.29	G	0.29	M	1.17		
48	UR-SPL-O	TCB	M 22* 65			0.24	I	0.20	K	0.04				
4	COV	PL	120* 6	460		0.44								
4	COV-O	RB	13 φ	280		0.05	A	0.05						
32	COV	BN	M 12* 35			0.04								1-W,HDG
6	PR-SPL	PL	175* 18	770		1.62	E	0.81	M	1.62				
60	PR-SPL	TCB	M 22* 95			0.30	I	0.30						
JL6A-JL7							A	0.05	E	1.54	G	0.29	H	0.71
JL6A-JL7							I	0.59	K	0.04	L	0.27	M	5.10

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J18 JL7-JL8														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	D-SPL-U	PL	620* 9	2975		3.69	H	1.84	M	3.69				
1	D-SPL	PL	620* 14	223		0.28	G	0.14	M	0.28				
5	D-SPL	PL	620* 14	230		1.43	G	0.71	M	1.43				
4	D-SPL	PL	620* 14	80		0.40	G	0.20	M	0.40				
1	D-SPL	PL	620* 14	155		0.19	G	0.10	M	0.19				
64	D-SPL	TCB	M 22* 75			0.32	K	0.06	L	0.27				
128	D-SPL	HTB	M 22* 80			0.86	K	0.33	L	0.53				
10	UR-SPL-I	PL	155* 10	470		1.46	G	0.73	M	1.46				
60	UR-SPL-I	TCB	M 22* 65			0.30	K	0.30						
5	COV	PL	120* 6	460		0.55								
5	COV-I	RB	13 φ	280		0.06	C	0.06						
40	COV	BN	M 12* 35			0.06								1-W,HDG
JL7-JL8							C	0.06	G	1.88	H	1.84	K	0.69
JL7-JL8							L	0.80	M	7.45				

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J18 JL8-RR1														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	D-SPL-U	PL	620* 9	970		1.20	H	0.60	M	1.20				
1	D-SPL-U	PL	620* 9	305		0.38	H	0.19	M	0.38				
1	D-SPL	PL	620* 14	270		0.33	E	0.17	M	0.33				
2	D-SPL	PL	620* 14	250		0.62	E	0.31	M	0.62				

Caluculation of Steel Primer

(Unit: mm,m²)

1	D-SPL	PL	620* 14	245	0.30	E	0.15	M	0.30				
88	D-SPL	TCB	M 22* 75		0.45	I	0.08	L	0.37				
1	ST-SPL	PL	255* 9	320	0.16	E	0.08	M	0.16				
1	ST-SPL	PL	335* 16	320	0.21	E	0.11	M	0.21				
12	ST-SPL	TCB	M 22* 70		0.06	I	0.06						
2	ST-SPL	PL	80* 9	320	0.10	E	0.05	M	0.10				
4	ST-SPL	TCB	M 22* 65		0.02	I	0.02						
6	PR-SPL	PL	175* 18	770	1.62	E	0.81	M	1.62				
60	PR-SPL	TCB	M 22* 95		0.30	I	0.30						
JL8-RR1						E	1.68	H	0.79	I	0.46	L	0.37
						M	4.92						
J18						A	0.09	C	0.22	E	10.08	G	7.89
						H	13.65	I	3.00	K	2.60	L	6.27
						M	63.24						

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J19 LL1-JL1														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	620* 9	970		1.20	H	0.60	M	1.20				
1	D-SPL-U	PL	620* 9	305		0.38	H	0.19	M	0.38				
1	D-SPL	PL	620* 14	270		0.33	E	0.17	M	0.33				
2	D-SPL	PL	620* 14	250		0.62	E	0.31	M	0.62				
1	D-SPL	PL	620* 14	245		0.30	E	0.15	M	0.30				
88	D-SPL	TCB	M 22* 75			0.45	I	0.08	L	0.37				
1	ST-SPL	PL	255* 9	320		0.16	E	0.08	M	0.16				
1	ST-SPL	PL	335* 16	320		0.21	E	0.11	M	0.21				
12	ST-SPL	TCB	M 22* 70			0.06	I	0.06						
2	ST-SPL	PL	80* 9	320		0.10	E	0.05	M	0.10				
4	ST-SPL	TCB	M 22* 65			0.02	I	0.02						
6	PR-SPL	PL	175* 18	770		1.62	E	0.81	M	1.62				
60	PR-SPL	TCB	M 22* 95			0.30	I	0.30						
LL1-JL1							E	1.68	H	0.79	I	0.46	L	0.37
							M	4.92						

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J19 JL1-JL2														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	620* 9	2975		3.69	H	1.84	M	3.69				
1	D-SPL	PL	620* 14	223		0.28	G	0.14	M	0.28				
5	D-SPL	PL	620* 14	230		1.43	G	0.71	M	1.43				
4	D-SPL	PL	620* 14	80		0.40	G	0.20	M	0.40				
1	D-SPL	PL	620* 14	155		0.19	G	0.10	M	0.19				
64	D-SPL	TCB	M 22* 75			0.32	K	0.06	L	0.27				
128	D-SPL	HTB	M 22* 80			0.86	K	0.33	L	0.53				
10	UR-SPL-I	PL	155* 10	470		1.46	G	0.73	M	1.46				
60	UR-SPL-I	TCB	M 22* 65			0.30	K	0.30						
5	COV	PL	120* 6	460		0.55								
5	COV-I	RB	13 ϕ	280		0.06	C	0.06						
40	COV	BN	M 12* 35			0.06							1-W,HDG	
JL1-JL2							C	0.06	G	1.88	H	1.84	K	0.69
							L	0.80	M	7.45				

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J19 JL2-JL3													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	620* 9	980		1.22	H	0.61	M	1.22			
2	D-SPL-U	PL	620* 9	305		0.76	H	0.38	M	0.76			

Caluculation of Steel Primer

(Unit: mm,m²)

2	D-SPL	PL	620* 14	245	0.61	E	0.30	M	0.61				
2	D-SPL	PL	620* 14	230	0.57	E	0.29	M	0.57				
2	D-SPL	PL	620* 14	80	0.20	E	0.10	M	0.20				
48	D-SPL	TCB	M 22* 75		0.24	I	0.04	L	0.20				
48	D-SPL	HTB	M 22* 80		0.32	I	0.12	L	0.20				
4	UR-SPL-O	PL	155* 10	470	0.58	E	0.15	G	0.15	M	0.58		
24	UR-SPL-O	TCB	M 22* 65		0.12	I	0.10	K	0.02				
2	COV	PL	120* 6	460	0.22								
2	COV-O	RB	13 ϕ	280	0.02	A	0.02						
16	COV	BN	M 12* 35		0.02								1-W,HDG
2	PR-SPL	PL	175* 18	770	0.54	E	0.27	M	0.54				
20	PR-SPL	TCB	M 22* 95		0.10	I	0.10						
JL2-JL3						A	0.02	E	1.11	G	0.15	H	0.99
JL2-JL3						I	0.36	K	0.02	L	0.40	M	4.48

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J19 JL3-JL4													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	620* 9	2690	3.34	H	1.67	M	3.34				
2	D-SPL	PL	620* 14	155	0.38	G	0.19	M	0.38				
7	D-SPL	PL	620* 14	230	2.00	G	1.00	M	2.00				
104	D-SPL	TCB	M 22* 75		0.53	K	0.09	L	0.44				
96	D-SPL	HTB	M 22* 80		0.64	K	0.24	L	0.40				
8	UR-SPL-I	PL	155* 10	470	1.17	G	0.58	M	1.17				
48	UR-SPL-I	TCB	M 22* 65		0.24	K	0.24						
4	COV	PL	120* 6	460	0.44								
4	COV-I	RB	13 ϕ	280	0.05	C	0.05						
32	COV	BN	M 12* 35		0.04								1-W,HDG
JL3-JL4						C	0.05	G	1.77	H	1.67	K	0.57
JL3-JL4						L	0.84	M	6.89				

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J19 JL4-JL5													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	620* 9	2630	3.26	H	1.63	M	3.26				
2	D-SPL-U	PL	620* 9	305	0.76	H	0.38	M	0.76				
2	D-SPL	PL	620* 14	245	0.61	E	0.30	M	0.61				
4	D-SPL	PL	620* 14	230	1.14	E	0.57	M	1.14				
4	D-SPL	PL	620* 14	280	1.39	E	0.69	M	1.39				
176	D-SPL	TCB	M 22* 75		0.89	I	0.15	L	0.74				
48	D-SPL	HTB	M 22* 80		0.32	I	0.12	L	0.20				
4	UR-SPL-O	PL	155* 10	470	0.58	E	0.15	G	0.15	M	0.58		

Caluculation of Steel Primer

(Unit: mm, m²)

24	UR-SPL-O	TCB	M 22* 65			0.12	I	0.10	K	0.02							
2	COV	PL	120* 6	460		0.22											
2	COV-O	RB	13 φ	280		0.02	A	0.02									
16	COV	BN	M 12* 35			0.02											1-W,HDG
10	PR-SPL	PL	175* 18	770		2.70	E	1.35	M	2.70							
100	PR-SPL	TCB	M 22* 95			0.51	I	0.51									
JL4-JL5							A	0.02	E	3.06	G	0.15	H	2.01			
							I	0.88	K	0.02	L	0.94	M	10.44			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J19 JL5-JL6																	
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area										Remarks
1	D-SPL-U	PL	620* 9	2690		3.34	H	1.67	M	3.34							
2	D-SPL	PL	620* 14	155		0.38	G	0.19	M	0.38							
7	D-SPL	PL	620* 14	230		2.00	G	1.00	M	2.00							
104	D-SPL	TCB	M 22* 75			0.53	K	0.09	L	0.44							
96	D-SPL	HTB	M 22* 80			0.64	K	0.24	L	0.40							
8	UR-SPL-I	PL	155* 10	470		1.17	G	0.58	M	1.17							
48	UR-SPL-I	TCB	M 22* 65			0.24	K	0.24									
4	COV	PL	120* 6	460		0.44											
4	COV-I	RB	13 φ	280		0.05	C	0.05									
32	COV	BN	M 12* 35			0.04											1-W,HDG
JL5-JL6							C	0.05	G	1.77	H	1.67	K	0.57			
							L	0.84	M	6.89							

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J19 JL6-JL7																	
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area										Remarks
1	D-SPL-U	PL	620* 9	305		0.38	H	0.19	M	0.38							
1	D-SPL-U	PL	620* 9	2285		2.83	H	1.42	M	2.83							
1	D-SPL-U	PL	620* 9	305		0.38	H	0.19	M	0.38							
1	D-SPL	PL	620* 14	245		0.30	E	0.15	M	0.30							
5	D-SPL	PL	620* 14	230		1.43	E	0.71	M	1.43							
2	D-SPL	PL	620* 14	195		0.48	E	0.24	M	0.48							
1	D-SPL	PL	620* 14	80		0.10	E	0.05	M	0.10							
1	D-SPL	PL	620* 14	245		0.30	E	0.15	M	0.30							
120	D-SPL	TCB	M 22* 75			0.61	I	0.10	L	0.50							
72	D-SPL	HTB	M 22* 80			0.48	I	0.18	L	0.30							
6	UR-SPL-O	PL	155* 10	470		0.87	E	0.22	G	0.22	M	0.87					
24	UR-SPL-O	TCB	M 22* 65			0.12	I	0.10	K	0.02							
3	COV	PL	120* 6	460		0.33											
3	COV-O	RB	13 φ	280		0.03	A	0.03									

Caluculation of Steel Primer

(Unit: mm, m²)

24	COV	BN	M 12* 35			0.03														1-W,HDG	
6	PR-SPL	PL	175* 18		770	1.62	E	0.81	M	1.62											
60	PR-SPL	TCB	M 22* 95			0.30	I	0.30													
JL6-JL7							A	0.03	E	2.33	G	0.22	H	1.80							
JL6-JL7							I	0.68	K	0.02	L	0.80	M	8.69							

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J19 JL7-JL8																					
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area										Remarks				
1	D-SPL-U	PL	620* 9	2975		3.69	H	1.84	M	3.69											
1	D-SPL	PL	620* 14	223		0.28	G	0.14	M	0.28											
5	D-SPL	PL	620* 14	230		1.43	G	0.71	M	1.43											
4	D-SPL	PL	620* 14	80		0.40	G	0.20	M	0.40											
1	D-SPL	PL	620* 14	155		0.19	G	0.10	M	0.19											
64	D-SPL	TCB	M 22* 75			0.32	K	0.06	L	0.27											
128	D-SPL	HTB	M 22* 80			0.86	K	0.33	L	0.53											
10	UR-SPL-I	PL	155* 10	470		1.46	G	0.73	M	1.46											
60	UR-SPL-I	TCB	M 22* 65			0.30	K	0.30													
5	COV	PL	120* 6	460		0.55															
5	COV-I	RB	13 ϕ	280		0.06	C	0.06													
40	COV	BN	M 12* 35			0.06														1-W,HDG	
JL7-JL8							C	0.06	G	1.88	H	1.84	K	0.69							
JL7-JL8							L	0.80	M	7.45											

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J19 JL8-RR1																				
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area										Remarks			
1	D-SPL-U	PL	620* 9	970		1.20	H	0.60	M	1.20										
1	D-SPL-U	PL	620* 9	305		0.38	H	0.19	M	0.38										
1	D-SPL	PL	620* 14	270		0.33	E	0.17	M	0.33										
2	D-SPL	PL	620* 14	250		0.62	E	0.31	M	0.62										
1	D-SPL	PL	620* 14	245		0.30	E	0.15	M	0.30										
88	D-SPL	TCB	M 22* 75			0.45	I	0.08	L	0.37										
1	ST-SPL	PL	255* 9	320		0.16	E	0.08	M	0.16										
1	ST-SPL	PL	335* 16	320		0.21	E	0.11	M	0.21										
12	ST-SPL	TCB	M 22* 70			0.06	I	0.06												
2	ST-SPL	PL	80* 9	320		0.10	E	0.05	M	0.10										
4	ST-SPL	TCB	M 22* 65			0.02	I	0.02												
6	PR-SPL	PL	175* 18	770		1.62	E	0.81	M	1.62										
60	PR-SPL	TCB	M 22* 95			0.30	I	0.30												
JL8-RR1							E	1.68	H	0.79	I	0.46	L	0.37						

Caluculation of Steel Primer

(Unit: mm,m²)

	M	4.92						
J19	A	0.07	C	0.22	E	9.86	G	7.82
	H	13.40	I	2.84	K	2.58	L	6.16
	M	62.13						

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J20 LL1-JL1														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	620* 9	970		1.20	H	0.60	M	1.20				
1	D-SPL-U	PL	620* 9	305		0.38	H	0.19	M	0.38				
1	D-SPL	PL	620* 14	270		0.33	E	0.17	M	0.33				
2	D-SPL	PL	620* 14	250		0.62	E	0.31	M	0.62				
1	D-SPL	PL	620* 14	245		0.30	E	0.15	M	0.30				
88	D-SPL	TCB	M 22* 75			0.45	I	0.08	L	0.37				
1	ST-SPL	PL	255* 9	320		0.16	E	0.08	M	0.16				
1	ST-SPL	PL	335* 16	320		0.21	E	0.11	M	0.21				
12	ST-SPL	TCB	M 22* 70			0.06	I	0.06						
2	ST-SPL	PL	80* 9	320		0.10	E	0.05	M	0.10				
4	ST-SPL	TCB	M 22* 65			0.02	I	0.02						
6	PR-SPL	PL	175* 18	770		1.62	E	0.81	M	1.62				
60	PR-SPL	TCB	M 22* 95			0.30	I	0.30						
LL1-JL1							E	1.68	H	0.79	I	0.46	L	0.37
							M	4.92						

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J20 JL1-JL2														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	620* 9	2975		3.69	H	1.84	M	3.69				
1	D-SPL	PL	620* 14	223		0.28	G	0.14	M	0.28				
5	D-SPL	PL	620* 14	230		1.43	G	0.71	M	1.43				
4	D-SPL	PL	620* 14	80		0.40	G	0.20	M	0.40				
1	D-SPL	PL	620* 14	155		0.19	G	0.10	M	0.19				
64	D-SPL	TCB	M 22* 75			0.32	K	0.06	L	0.27				
128	D-SPL	HTB	M 22* 80			0.86	K	0.33	L	0.53				
10	UR-SPL-I	PL	155* 10	470		1.46	G	0.73	M	1.46				
60	UR-SPL-I	TCB	M 22* 65			0.30	K	0.30						
5	COV	PL	120* 6	460		0.55								
5	COV-I	RB	13 ϕ	280		0.06	C	0.06						
40	COV	BN	M 12* 35			0.06							1-W,HDG	
JL1-JL2							C	0.06	G	1.88	H	1.84	K	0.69
							L	0.80	M	7.45				

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J20 JL2-JL3													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	620* 9	980		1.22	H	0.61	M	1.22			
2	D-SPL-U	PL	620* 9	305		0.76	H	0.38	M	0.76			

Caluculation of Steel Primer

(Unit: mm,m²)

2	D-SPL	PL	620* 14	245	0.61	E	0.30	M	0.61				
2	D-SPL	PL	620* 14	230	0.57	E	0.29	M	0.57				
2	D-SPL	PL	620* 14	80	0.20	E	0.10	M	0.20				
48	D-SPL	TCB	M 22* 75		0.24	I	0.04	L	0.20				
48	D-SPL	HTB	M 22* 80		0.32	I	0.12	L	0.20				
4	UR-SPL-O	PL	155* 10	470	0.58	E	0.15	G	0.15	M	0.58		
24	UR-SPL-O	TCB	M 22* 65		0.12	I	0.10	K	0.02				
2	COV	PL	120* 6	460	0.22								
2	COV-O	RB	13 ϕ	280	0.02	A	0.02						
16	COV	BN	M 12* 35		0.02								1-W,HDG
2	PR-SPL	PL	175* 18	770	0.54	E	0.27	M	0.54				
20	PR-SPL	TCB	M 22* 95		0.10	I	0.10						
JL2-JL3						A	0.02	E	1.11	G	0.15	H	0.99
JL2-JL3						I	0.36	K	0.02	L	0.40	M	4.48

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J20 JL3-JL4													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	620* 9	2690	3.34	H	1.67	M	3.34				
2	D-SPL	PL	620* 14	155	0.38	G	0.19	M	0.38				
7	D-SPL	PL	620* 14	230	2.00	G	1.00	M	2.00				
104	D-SPL	TCB	M 22* 75		0.53	K	0.09	L	0.44				
96	D-SPL	HTB	M 22* 80		0.64	K	0.24	L	0.40				
8	UR-SPL-I	PL	155* 10	470	1.17	G	0.58	M	1.17				
48	UR-SPL-I	TCB	M 22* 65		0.24	K	0.24						
4	COV	PL	120* 6	460	0.44								
4	COV-I	RB	13 ϕ	280	0.05	C	0.05						
32	COV	BN	M 12* 35		0.04								1-W,HDG
JL3-JL4						C	0.05	G	1.77	H	1.67	K	0.57
JL3-JL4						L	0.84	M	6.89				

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J20 JL4-JL5													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	620* 9	2630	3.26	H	1.63	M	3.26				
2	D-SPL-U	PL	620* 9	305	0.76	H	0.38	M	0.76				
2	D-SPL	PL	620* 14	245	0.61	E	0.30	M	0.61				
4	D-SPL	PL	620* 14	230	1.14	E	0.57	M	1.14				
4	D-SPL	PL	620* 14	280	1.39	E	0.69	M	1.39				
176	D-SPL	TCB	M 22* 75		0.89	I	0.15	L	0.74				
48	D-SPL	HTB	M 22* 80		0.32	I	0.12	L	0.20				
4	UR-SPL-O	PL	155* 10	470	0.58	E	0.15	G	0.15	M	0.58		

Caluculation of Steel Primer

(Unit: mm, m²)

24	UR-SPL-O	TCB	M 22* 65			0.12	I	0.10	K	0.02							
2	COV	PL	120* 6	460		0.22											
2	COV-O	RB	13 φ	280		0.02	A	0.02									
16	COV	BN	M 12* 35			0.02											1-W,HDG
10	PR-SPL	PL	175* 18	770		2.70	E	1.35	M	2.70							
100	PR-SPL	TCB	M 22* 95			0.51	I	0.51									
JL4-JL5							A	0.02	E	3.06	G	0.15	H	2.01			
							I	0.88	K	0.02	L	0.94	M	10.44			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J20 JL5-JL6																	
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area										Remarks
1	D-SPL-U	PL	620* 9	2690		3.34	H	1.67	M	3.34							
2	D-SPL	PL	620* 14	155		0.38	G	0.19	M	0.38							
7	D-SPL	PL	620* 14	230		2.00	G	1.00	M	2.00							
104	D-SPL	TCB	M 22* 75			0.53	K	0.09	L	0.44							
96	D-SPL	HTB	M 22* 80			0.64	K	0.24	L	0.40							
8	UR-SPL-I	PL	155* 10	470		1.17	G	0.58	M	1.17							
48	UR-SPL-I	TCB	M 22* 65			0.24	K	0.24									
4	COV	PL	120* 6	460		0.44											
4	COV-I	RB	13 φ	280		0.05	C	0.05									
32	COV	BN	M 12* 35			0.04											1-W,HDG
JL5-JL6							C	0.05	G	1.77	H	1.67	K	0.57			
							L	0.84	M	6.89							

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J20 JL6-JL7																	
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area										Remarks
1	D-SPL-U	PL	620* 9	305		0.38	H	0.19	M	0.38							
1	D-SPL-U	PL	620* 9	1837		2.28	H	1.14	M	2.28							
1	D-SPL-U	PL	620* 9	305		0.38	H	0.19	M	0.38							
1	D-SPL	PL	620* 14	245		0.30	E	0.15	M	0.30							
3	D-SPL	PL	620* 14	230		0.86	E	0.43	M	0.86							
1	D-SPL	PL	620* 14	250		0.31	E	0.16	M	0.31							
3	D-SPL	PL	620* 14	80		0.30	E	0.15	M	0.30							
1	D-SPL	PL	620* 14	245		0.30	E	0.15	M	0.30							
104	D-SPL	TCB	M 22* 75			0.53	I	0.09	L	0.44							
48	D-SPL	HTB	M 22* 80			0.32	I	0.12	L	0.20							
4	UR-SPL-O	PL	155* 10	470		0.58	E	0.15	G	0.15	M	0.58					
24	UR-SPL-O	TCB	M 22* 65			0.12	I	0.10	K	0.02							
2	COV	PL	120* 6	460		0.22											
2	COV-O	RB	13 φ	280		0.02	A	0.02									

Calculation of Steel Primer

(Unit: mm, m²)

16	COV	BN	M 12* 35			0.02												1-W,HDG
8	PR-SPL	PL	175* 18	770		2.16	E	1.08	M	2.16								
80	PR-SPL	TCB	M 22* 95			0.40	I	0.40										
JL6-JL7							A	0.02	E	2.27	G	0.15	H	1.52				
							I	0.71	K	0.02	L	0.64	M	7.85				

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J20 JL7-JL8																		
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area								Remarks			
1	D-SPL-U	PL	620* 9	2975		3.69	H	1.84	M	3.69								
1	D-SPL	PL	620* 14	223		0.28	G	0.14	M	0.28								
5	D-SPL	PL	620* 14	230		1.43	G	0.71	M	1.43								
4	D-SPL	PL	620* 14	80		0.40	G	0.20	M	0.40								
1	D-SPL	PL	620* 14	155		0.19	G	0.10	M	0.19								
64	D-SPL	TCB	M 22* 75			0.32	K	0.06	L	0.27								
128	D-SPL	HTB	M 22* 80			0.86	K	0.33	L	0.53								
10	UR-SPL-I	PL	155* 10	470		1.46	G	0.73	M	1.46								
60	UR-SPL-I	TCB	M 22* 65			0.30	K	0.30										
5	COV	PL	120* 6	460		0.55												
5	COV-I	RB	13 φ	280		0.06	C	0.06										
40	COV	BN	M 12* 35			0.06												1-W,HDG
JL7-JL8							C	0.06	G	1.88	H	1.84	K	0.69				
							L	0.80	M	7.45								

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J20 JL8-RR1																		
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area								Remarks			
1	D-SPL-U	PL	620* 9	970		1.20	H	0.60	M	1.20								
1	D-SPL-U	PL	620* 9	305		0.38	H	0.19	M	0.38								
1	D-SPL	PL	620* 14	270		0.33	E	0.17	M	0.33								
2	D-SPL	PL	620* 14	250		0.62	E	0.31	M	0.62								
1	D-SPL	PL	620* 14	245		0.30	E	0.15	M	0.30								
88	D-SPL	TCB	M 22* 75			0.45	I	0.08	L	0.37								
1	ST-SPL	PL	255* 9	320		0.16	E	0.08	M	0.16								
1	ST-SPL	PL	335* 16	320		0.21	E	0.11	M	0.21								
12	ST-SPL	TCB	M 22* 70			0.06	I	0.06										
2	ST-SPL	PL	80* 9	320		0.10	E	0.05	M	0.10								
4	ST-SPL	TCB	M 22* 65			0.02	I	0.02										
6	PR-SPL	PL	175* 18	770		1.62	E	0.81	M	1.62								
60	PR-SPL	TCB	M 22* 95			0.30	I	0.30										
JL8-RR1							E	1.68	H	0.79	I	0.46	L	0.37				

Caluculation of Steel Primer

(Unit: mm,m²)

	M	4.92						
J20	A	0.06	C	0.22	E	9.80	G	7.75
	H	13.12	I	2.87	K	2.58	L	6.00
	M	61.29						

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J21 LL1-JL1														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	470* 9	970		0.91	H	0.46	M	0.91				
1	D-SPL-U	PL	470* 9	305		0.29	H	0.14	M	0.29				
1	D-SPL	PL	470* 14	270		0.25	E	0.13	M	0.25				
2	D-SPL	PL	470* 14	250		0.47	E	0.24	M	0.47				
1	D-SPL	PL	470* 14	245		0.23	E	0.12	M	0.23				
66	D-SPL	TCB	M 22* 75			0.33	I	0.06	L	0.28				
1	ST-SPL	PL	255* 9	320		0.16	E	0.08	M	0.16				
1	ST-SPL	PL	335* 16	320		0.21	E	0.11	M	0.21				
12	ST-SPL	TCB	M 22* 70			0.06	I	0.06						
2	ST-SPL	PL	80* 9	320		0.10	E	0.05	M	0.10				
4	ST-SPL	TCB	M 22* 65			0.02	I	0.02						
6	PR-SPL	PL	175* 18	620		1.30	E	0.65	M	1.30				
48	PR-SPL	TCB	M 22* 95			0.24	I	0.24						
LL1-JL1							E	1.38	H	0.60	I	0.38	L	0.28
							M	3.92						

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J21 JL1-JL2														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	470* 9	2975		2.80	H	1.40	M	2.80				
1	D-SPL	PL	470* 14	223		0.21	G	0.10	M	0.21				
5	D-SPL	PL	470* 14	230		1.08	G	0.54	M	1.08				
4	D-SPL	PL	470* 14	80		0.30	G	0.15	M	0.30				
1	D-SPL	PL	470* 14	155		0.15	G	0.07	M	0.15				
48	D-SPL	TCB	M 22* 75			0.24	K	0.04	L	0.20				
96	D-SPL	HTB	M 22* 80			0.64	K	0.24	L	0.40				
10	UR-SPL-I	PL	155* 10	320		0.99	G	0.50	M	0.99				
40	UR-SPL-I	TCB	M 22* 65			0.20	K	0.20						
5	COV	PL	120* 6	460		0.55								
5	COV-I	RB	13 ϕ	280		0.06	C	0.06						
40	COV	BN	M 12* 35			0.06							1-W,HDG	
JL1-JL2							C	0.06	G	1.36	H	1.40	K	0.48
							L	0.60	M	5.53				

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J21 JL2-JL3													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	470* 9	980		0.92	H	0.46	M	0.92			
2	D-SPL-U	PL	470* 9	305		0.57	H	0.29	M	0.57			

Caluculation of Steel Primer

(Unit: mm,m²)

2	D-SPL	PL	470* 14	245	0.46	E	0.23	M	0.46				
2	D-SPL	PL	470* 14	230	0.43	E	0.22	M	0.43				
2	D-SPL	PL	470* 14	80	0.15	E	0.08	M	0.15				
36	D-SPL	TCB	M 22* 75		0.18	I	0.03	L	0.15				
36	D-SPL	HTB	M 22* 80		0.24	I	0.09	L	0.15				
4	UR-SPL-O	PL	155* 10	320	0.40	E	0.10	G	0.10	M	0.40		
16	UR-SPL-O	TCB	M 22* 65		0.08	I	0.07	K	0.01				
2	COV	PL	120* 6	460	0.22								
2	COV-O	RB	13 ϕ	280	0.02	A	0.02						
16	COV	BN	M 12* 35		0.02								1-W,HDG
2	PR-SPL	PL	175* 18	620	0.43	E	0.22	M	0.43				
16	PR-SPL	TCB	M 22* 95		0.08	I	0.08						
JL2-JL3						A	0.02	E	0.85	G	0.10	H	0.75
						I	0.27	K	0.01	L	0.30	M	3.36

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J21 JL3-JL4													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	470* 9	2690	2.53	H	1.26	M	2.53				
2	D-SPL	PL	470* 14	155	0.29	G	0.15	M	0.29				
7	D-SPL	PL	470* 14	230	1.51	G	0.76	M	1.51				
78	D-SPL	TCB	M 22* 75		0.39	K	0.07	L	0.33				
72	D-SPL	HTB	M 22* 80		0.48	K	0.18	L	0.30				
8	UR-SPL-I	PL	155* 10	320	0.79	G	0.40	M	0.79				
32	UR-SPL-I	TCB	M 22* 65		0.16	K	0.16						
4	COV	PL	120* 6	460	0.44								
4	COV-I	RB	13 ϕ	280	0.05	C	0.05						
32	COV	BN	M 12* 35		0.04								1-W,HDG
JL3-JL4						C	0.05	G	1.31	H	1.26	K	0.41
						L	0.63	M	5.12				

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J21 JL4-JL5													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	470* 9	2630	2.47	H	1.24	M	2.47				
2	D-SPL-U	PL	470* 9	305	0.57	H	0.29	M	0.57				
2	D-SPL	PL	470* 14	245	0.46	E	0.23	M	0.46				
4	D-SPL	PL	470* 14	230	0.86	E	0.43	M	0.86				
4	D-SPL	PL	470* 14	280	1.05	E	0.53	M	1.05				
132	D-SPL	TCB	M 22* 75		0.67	I	0.11	L	0.55				
36	D-SPL	HTB	M 22* 80		0.24	I	0.09	L	0.15				
4	UR-SPL-O	PL	155* 10	320	0.40	E	0.10	G	0.10	M	0.40		

Caluculation of Steel Primer

(Unit: mm, m²)

16	UR-SPL-O	TCB	M 22* 65			0.08	I	0.07	K	0.01							
2	COV	PL	120* 6	460		0.22											
2	COV-O	RB	13 φ	280		0.02	A	0.02									
16	COV	BN	M 12* 35			0.02											1-W,HDG
10	PR-SPL	PL	175* 18	620		2.17	E	1.09	M	2.17							
80	PR-SPL	TCB	M 22* 95			0.40	I	0.40									
JL4-JL5							A	0.02	E	2.38	G	0.10	H	1.53			
							I	0.67	K	0.01	L	0.70	M	7.98			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J21 JL5-JL6																	
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area										Remarks
1	D-SPL-U	PL	470* 9	2690		2.53	H	1.26	M	2.53							
2	D-SPL	PL	470* 14	155		0.29	G	0.15	M	0.29							
7	D-SPL	PL	470* 14	230		1.51	G	0.76	M	1.51							
78	D-SPL	TCB	M 22* 75			0.39	K	0.07	L	0.33							
72	D-SPL	HTB	M 22* 80			0.48	K	0.18	L	0.30							
8	UR-SPL-I	PL	155* 10	320		0.79	G	0.40	M	0.79							
32	UR-SPL-I	TCB	M 22* 65			0.16	K	0.16									
4	COV	PL	120* 6	460		0.44											
4	COV-I	RB	13 φ	280		0.05	C	0.05									
32	COV	BN	M 12* 35			0.04											1-W,HDG
JL5-JL6							C	0.05	G	1.31	H	1.26	K	0.41			
							L	0.63	M	5.12							

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J21 JL6-JL7																	
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area										Remarks
1	D-SPL-U	PL	470* 9	305		0.29	H	0.14	M	0.29							
1	D-SPL-U	PL	470* 9	1368		1.29	H	0.64	M	1.29							
1	D-SPL-U	PL	470* 9	305		0.29	H	0.14	M	0.29							
1	D-SPL	PL	470* 14	245		0.23	E	0.12	M	0.23							
2	D-SPL	PL	470* 14	230		0.43	E	0.22	M	0.43							
1	D-SPL	PL	470* 14	180		0.17	E	0.08	M	0.17							
1	D-SPL	PL	470* 14	206		0.19	E	0.10	M	0.19							
1	D-SPL	PL	470* 14	80		0.08	E	0.04	M	0.08							
1	D-SPL	PL	470* 14	245		0.23	E	0.12	M	0.23							
54	D-SPL	TCB	M 22* 75			0.27	I	0.05	L	0.23							
36	D-SPL	HTB	M 22* 80			0.24	I	0.09	L	0.15							
4	UR-SPL-O	PL	155* 10	320		0.40	E	0.10	G	0.10	M	0.40					
16	UR-SPL-O	TCB	M 22* 65			0.08	I	0.07	K	0.01							
2	COV	PL	120* 6	460		0.22											

Caluculation of Steel Primer

(Unit: mm, m²)

2	COV-O	RB	13 φ	280		0.02	A	0.02											
16	COV	BN	M 12* 35			0.02													1-W,HDG
4	PR-SPL	PL	175* 18	620		0.87	E	0.43	M	0.87									
32	PR-SPL	TCB	M 22* 95			0.16	I	0.16											
JL6-JL7							A	0.02	E	1.21	G	0.10	H	0.92					
JL6-JL7							I	0.37	K	0.01	L	0.38	M	4.47					

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J21 JL7-JL8																			
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area										Remarks		
1	D-SPL-U	PL	470* 9	2975		2.80	H	1.40	M	2.80									
1	D-SPL	PL	470* 14	223		0.21	G	0.10	M	0.21									
5	D-SPL	PL	470* 14	230		1.08	G	0.54	M	1.08									
4	D-SPL	PL	470* 14	80		0.30	G	0.15	M	0.30									
1	D-SPL	PL	470* 14	155		0.15	G	0.07	M	0.15									
48	D-SPL	TCB	M 22* 75			0.24	K	0.04	L	0.20									
96	D-SPL	HTB	M 22* 80			0.64	K	0.24	L	0.40									
10	UR-SPL-I	PL	155* 10	320		0.99	G	0.50	M	0.99									
40	UR-SPL-I	TCB	M 22* 65			0.20	K	0.20											
5	COV	PL	120* 6	460		0.55													
5	COV-I	RB	13 φ	280		0.06	C	0.06											
40	COV	BN	M 12* 35			0.06													1-W,HDG
JL7-JL8							C	0.06	G	1.36	H	1.40	K	0.48					
JL7-JL8							L	0.60	M	5.53									

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J21 JL8-RR1																			
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area										Remarks		
1	D-SPL-U	PL	470* 9	970		0.91	H	0.46	M	0.91									
1	D-SPL-U	PL	470* 9	305		0.29	H	0.14	M	0.29									
1	D-SPL	PL	470* 14	270		0.25	E	0.13	M	0.25									
2	D-SPL	PL	470* 14	250		0.47	E	0.24	M	0.47									
1	D-SPL	PL	470* 14	245		0.23	E	0.12	M	0.23									
66	D-SPL	TCB	M 22* 75			0.33	I	0.06	L	0.28									
1	ST-SPL	PL	255* 9	320		0.16	E	0.08	M	0.16									
1	ST-SPL	PL	335* 16	320		0.21	E	0.11	M	0.21									
12	ST-SPL	TCB	M 22* 70			0.06	I	0.06											
2	ST-SPL	PL	80* 9	320		0.10	E	0.05	M	0.10									
4	ST-SPL	TCB	M 22* 65			0.02	I	0.02											
6	PR-SPL	PL	175* 18	620		1.30	E	0.65	M	1.30									
48	PR-SPL	TCB	M 22* 95			0.24	I	0.24											

Caluculation of Steel Primer

(Unit: mm,m²)

JL8-RR1	E	1.38	H	0.60	I	0.38	L	0.28
	M	3.92						
J21	A	0.06	C	0.22	E	7.20	G	5.64
	H	9.72	I	2.07	K	1.81	L	4.40
	M	44.95						

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J22 LL1-JL1														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	470* 9	970		0.91	H	0.46	M	0.91				
1	D-SPL-U	PL	470* 9	305		0.29	H	0.14	M	0.29				
1	D-SPL	PL	470* 14	270		0.25	E	0.13	M	0.25				
2	D-SPL	PL	470* 14	250		0.47	E	0.24	M	0.47				
1	D-SPL	PL	470* 14	245		0.23	E	0.12	M	0.23				
66	D-SPL	TCB	M 22* 75			0.33	I	0.06	L	0.28				
1	ST-SPL	PL	255* 9	320		0.16	E	0.08	M	0.16				
1	ST-SPL	PL	335* 16	320		0.21	E	0.11	M	0.21				
12	ST-SPL	TCB	M 22* 70			0.06	I	0.06						
2	ST-SPL	PL	80* 9	320		0.10	E	0.05	M	0.10				
4	ST-SPL	TCB	M 22* 65			0.02	I	0.02						
6	PR-SPL	PL	175* 18	620		1.30	E	0.65	M	1.30				
48	PR-SPL	TCB	M 22* 95			0.24	I	0.24						
LL1-JL1							E	1.38	H	0.60	I	0.38	L	0.28
							M	3.92						

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J22 JL1-JL2														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	470* 9	2975		2.80	H	1.40	M	2.80				
1	D-SPL	PL	470* 14	223		0.21	G	0.10	M	0.21				
5	D-SPL	PL	470* 14	230		1.08	G	0.54	M	1.08				
4	D-SPL	PL	470* 14	80		0.30	G	0.15	M	0.30				
1	D-SPL	PL	470* 14	155		0.15	G	0.07	M	0.15				
48	D-SPL	TCB	M 22* 75			0.24	K	0.04	L	0.20				
96	D-SPL	HTB	M 22* 80			0.64	K	0.24	L	0.40				
10	UR-SPL-I	PL	155* 10	320		0.99	G	0.50	M	0.99				
40	UR-SPL-I	TCB	M 22* 65			0.20	K	0.20						
5	COV	PL	120* 6	460		0.55								
5	COV-I	RB	13 ϕ	280		0.06	C	0.06						
40	COV	BN	M 12* 35			0.06							1-W,HDG	
JL1-JL2							C	0.06	G	1.36	H	1.40	K	0.48
							L	0.60	M	5.53				

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J22 JL2-JL3													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	470* 9	980		0.92	H	0.46	M	0.92			
2	D-SPL-U	PL	470* 9	305		0.57	H	0.29	M	0.57			

Caluculation of Steel Primer

(Unit: mm,m²)

2	D-SPL	PL	470* 14	245	0.46	E	0.23	M	0.46				
2	D-SPL	PL	470* 14	230	0.43	E	0.22	M	0.43				
2	D-SPL	PL	470* 14	80	0.15	E	0.08	M	0.15				
36	D-SPL	TCB	M 22* 75		0.18	I	0.03	L	0.15				
36	D-SPL	HTB	M 22* 80		0.24	I	0.09	L	0.15				
4	UR-SPL-O	PL	155* 10	320	0.40	E	0.10	G	0.10	M	0.40		
16	UR-SPL-O	TCB	M 22* 65		0.08	I	0.07	K	0.01				
2	COV	PL	120* 6	460	0.22								
2	COV-O	RB	13 ϕ	280	0.02	A	0.02						
16	COV	BN	M 12* 35		0.02								1-W,HDG
2	PR-SPL	PL	175* 18	620	0.43	E	0.22	M	0.43				
16	PR-SPL	TCB	M 22* 95		0.08	I	0.08						
JL2-JL3						A	0.02	E	0.85	G	0.10	H	0.75
						I	0.27	K	0.01	L	0.30	M	3.36

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J22 JL3-JL4													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	470* 9	2690	2.53	H	1.26	M	2.53				
2	D-SPL	PL	470* 14	155	0.29	G	0.15	M	0.29				
7	D-SPL	PL	470* 14	230	1.51	G	0.76	M	1.51				
78	D-SPL	TCB	M 22* 75		0.39	K	0.07	L	0.33				
72	D-SPL	HTB	M 22* 80		0.48	K	0.18	L	0.30				
8	UR-SPL-I	PL	155* 10	320	0.79	G	0.40	M	0.79				
32	UR-SPL-I	TCB	M 22* 65		0.16	K	0.16						
4	COV	PL	120* 6	460	0.44								
4	COV-I	RB	13 ϕ	280	0.05	C	0.05						
32	COV	BN	M 12* 35		0.04								1-W,HDG
JL3-JL4						C	0.05	G	1.31	H	1.26	K	0.41
						L	0.63	M	5.12				

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J22 JL4-JL5													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	470* 9	2630	2.47	H	1.24	M	2.47				
2	D-SPL-U	PL	470* 9	305	0.57	H	0.29	M	0.57				
2	D-SPL	PL	470* 14	245	0.46	E	0.23	M	0.46				
4	D-SPL	PL	470* 14	230	0.86	E	0.43	M	0.86				
4	D-SPL	PL	470* 14	280	1.05	E	0.53	M	1.05				
132	D-SPL	TCB	M 22* 75		0.67	I	0.11	L	0.55				
36	D-SPL	HTB	M 22* 80		0.24	I	0.09	L	0.15				
4	UR-SPL-O	PL	155* 10	320	0.40	E	0.10	G	0.10	M	0.40		

Caluculation of Steel Primer

(Unit: mm, m²)

16	UR-SPL-O	TCB	M 22* 65			0.08	I	0.07	K	0.01							
2	COV	PL	120* 6	460		0.22											
2	COV-O	RB	13 φ	280		0.02	A	0.02									
16	COV	BN	M 12* 35			0.02											1-W,HDG
10	PR-SPL	PL	175* 18	620		2.17	E	1.09	M	2.17							
80	PR-SPL	TCB	M 22* 95			0.40	I	0.40									
JL4-JL5							A	0.02	E	2.38	G	0.10	H	1.53			
							I	0.67	K	0.01	L	0.70	M	7.98			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J22 JL5-JL6																	
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area										Remarks
1	D-SPL-U	PL	470* 9	2690		2.53	H	1.26	M	2.53							
2	D-SPL	PL	470* 14	155		0.29	G	0.15	M	0.29							
7	D-SPL	PL	470* 14	230		1.51	G	0.76	M	1.51							
78	D-SPL	TCB	M 22* 75			0.39	K	0.07	L	0.33							
72	D-SPL	HTB	M 22* 80			0.48	K	0.18	L	0.30							
8	UR-SPL-I	PL	155* 10	320		0.79	G	0.40	M	0.79							
32	UR-SPL-I	TCB	M 22* 65			0.16	K	0.16									
4	COV	PL	120* 6	460		0.44											
4	COV-I	RB	13 φ	280		0.05	C	0.05									
32	COV	BN	M 12* 35			0.04											1-W,HDG
JL5-JL6							C	0.05	G	1.31	H	1.26	K	0.41			
							L	0.63	M	5.12							

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J22 JL6-JL7																	
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area										Remarks
1	D-SPL-U	PL	470* 9	980		0.92	H	0.46	M	0.92							
2	D-SPL-U	PL	470* 9	305		0.57	H	0.29	M	0.57							
2	D-SPL	PL	470* 14	245		0.46	E	0.23	M	0.46							
2	D-SPL	PL	470* 14	230		0.43	E	0.22	M	0.43							
2	D-SPL	PL	470* 14	80		0.15	E	0.08	M	0.15							
36	D-SPL	TCB	M 22* 75			0.18	I	0.03	L	0.15							
36	D-SPL	HTB	M 22* 80			0.24	I	0.09	L	0.15							
4	UR-SPL-O	PL	155* 10	320		0.40	E	0.10	G	0.10	M	0.40					
16	UR-SPL-O	TCB	M 22* 65			0.08	I	0.07	K	0.01							
2	COV	PL	120* 6	460		0.22											
2	COV-O	RB	13 φ	280		0.02	A	0.02									
16	COV	BN	M 12* 35			0.02											1-W,HDG
2	PR-SPL	PL	175* 18	620		0.43	E	0.22	M	0.43							
16	PR-SPL	TCB	M 22* 95			0.08	I	0.08									

Caluculation of Steel Primer

(Unit: mm,m²)

JL6-JL7										A	0.02	E	0.85	G	0.10	H	0.75	
										I	0.27	K	0.01	L	0.30	M	3.36	

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J22 JL7-JL8																		
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area										Remarks	
							H	M	L	K	G	E	I	A	C	B		
1	D-SPL-U	PL	470* 9	2975		2.80	H	1.40	M	2.80								
1	D-SPL	PL	470* 14	223		0.21	G	0.10	M	0.21								
5	D-SPL	PL	470* 14	230		1.08	G	0.54	M	1.08								
4	D-SPL	PL	470* 14	80		0.30	G	0.15	M	0.30								
1	D-SPL	PL	470* 14	155		0.15	G	0.07	M	0.15								
48	D-SPL	TCB	M 22* 75			0.24	K	0.04	L	0.20								
96	D-SPL	HTB	M 22* 80			0.64	K	0.24	L	0.40								
10	UR-SPL-I	PL	155* 10	320		0.99	G	0.50	M	0.99								
40	UR-SPL-I	TCB	M 22* 65			0.20	K	0.20										
5	COV	PL	120* 6	460		0.55												
5	COV-I	RB	13 ϕ	280		0.06	C	0.06										
40	COV	BN	M 12* 35			0.06												1-W,HDG
JL7-JL8										C	0.06	G	1.36	H	1.40	K	0.48	
										L	0.60	M	5.53					

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J22 JL8-RR1																		
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area										Remarks	
							H	M	L	K	G	E	I	A	C	B		
1	D-SPL-U	PL	470* 9	970		0.91	H	0.46	M	0.91								
1	D-SPL-U	PL	470* 9	305		0.29	H	0.14	M	0.29								
1	D-SPL	PL	470* 14	270		0.25	E	0.13	M	0.25								
2	D-SPL	PL	470* 14	250		0.47	E	0.24	M	0.47								
1	D-SPL	PL	470* 14	245		0.23	E	0.12	M	0.23								
66	D-SPL	TCB	M 22* 75			0.33	I	0.06	L	0.28								
1	ST-SPL	PL	255* 9	320		0.16	E	0.08	M	0.16								
1	ST-SPL	PL	335* 16	320		0.21	E	0.11	M	0.21								
12	ST-SPL	TCB	M 22* 70			0.06	I	0.06										
2	ST-SPL	PL	80* 9	320		0.10	E	0.05	M	0.10								
4	ST-SPL	TCB	M 22* 65			0.02	I	0.02										
6	PR-SPL	PL	175* 18	620		1.30	E	0.65	M	1.30								
48	PR-SPL	TCB	M 22* 95			0.24	I	0.24										
JL8-RR1										E	1.38	H	0.60	I	0.38	L	0.28	
										M	3.92							
J22										A	0.06	C	0.22	E	6.84	G	5.64	

Caluculation of Steel Primer

(Unit: mm,m²)

	H	9.55	I	1.97	K	1.81	L	4.32	
	M	43.84							

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J23 LL1-JL1														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	470* 9	970		0.91	H	0.46	M	0.91				
1	D-SPL-U	PL	470* 9	305		0.29	H	0.14	M	0.29				
1	D-SPL	PL	470* 14	270		0.25	E	0.13	M	0.25				
2	D-SPL	PL	470* 14	250		0.47	E	0.24	M	0.47				
1	D-SPL	PL	470* 14	245		0.23	E	0.12	M	0.23				
66	D-SPL	TCB	M 22* 75			0.33	I	0.06	L	0.28				
1	ST-SPL	PL	255* 9	320		0.16	E	0.08	M	0.16				
1	ST-SPL	PL	335* 16	320		0.21	E	0.11	M	0.21				
12	ST-SPL	TCB	M 22* 70			0.06	I	0.06						
2	ST-SPL	PL	80* 9	320		0.10	E	0.05	M	0.10				
4	ST-SPL	TCB	M 22* 65			0.02	I	0.02						
6	PR-SPL	PL	175* 18	620		1.30	E	0.65	M	1.30				
48	PR-SPL	TCB	M 22* 95			0.24	I	0.24						
LL1-JL1							E	1.38	H	0.60	I	0.38	L	0.28
							M	3.92						

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J23 JL1-JL2														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	470* 9	2975		2.80	H	1.40	M	2.80				
1	D-SPL	PL	470* 14	223		0.21	G	0.10	M	0.21				
5	D-SPL	PL	470* 14	230		1.08	G	0.54	M	1.08				
4	D-SPL	PL	470* 14	80		0.30	G	0.15	M	0.30				
1	D-SPL	PL	470* 14	155		0.15	G	0.07	M	0.15				
48	D-SPL	TCB	M 22* 75			0.24	K	0.04	L	0.20				
96	D-SPL	HTB	M 22* 80			0.64	K	0.24	L	0.40				
10	UR-SPL-I	PL	155* 10	320		0.99	G	0.50	M	0.99				
40	UR-SPL-I	TCB	M 22* 65			0.20	K	0.20						
5	COV	PL	120* 6	460		0.55								
5	COV-I	RB	13 ϕ	280		0.06	C	0.06						
40	COV	BN	M 12* 35			0.06							1-W,HDG	
JL1-JL2							C	0.06	G	1.36	H	1.40	K	0.48
							L	0.60	M	5.53				

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J23 JL2-JL3													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	470* 9	980		0.92	H	0.46	M	0.92			
2	D-SPL-U	PL	470* 9	305		0.57	H	0.29	M	0.57			

Caluculation of Steel Primer

(Unit: mm,m²)

2	D-SPL	PL	470* 14	245	0.46	E	0.23	M	0.46				
2	D-SPL	PL	470* 14	230	0.43	E	0.22	M	0.43				
2	D-SPL	PL	470* 14	80	0.15	E	0.08	M	0.15				
36	D-SPL	TCB	M 22* 75		0.18	I	0.03	L	0.15				
36	D-SPL	HTB	M 22* 80		0.24	I	0.09	L	0.15				
4	UR-SPL-O	PL	155* 10	320	0.40	E	0.10	G	0.10	M	0.40		
16	UR-SPL-O	TCB	M 22* 65		0.08	I	0.07	K	0.01				
2	COV	PL	120* 6	460	0.22								
2	COV-O	RB	13 ϕ	280	0.02	A	0.02						
16	COV	BN	M 12* 35		0.02								1-W,HDG
2	PR-SPL	PL	175* 18	620	0.43	E	0.22	M	0.43				
16	PR-SPL	TCB	M 22* 95		0.08	I	0.08						
JL2-JL3						A	0.02	E	0.85	G	0.10	H	0.75
						I	0.27	K	0.01	L	0.30	M	3.36

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J23 JL3-JL4													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	470* 9	2690	2.53	H	1.26	M	2.53				
2	D-SPL	PL	470* 14	155	0.29	G	0.15	M	0.29				
7	D-SPL	PL	470* 14	230	1.51	G	0.76	M	1.51				
78	D-SPL	TCB	M 22* 75		0.39	K	0.07	L	0.33				
72	D-SPL	HTB	M 22* 80		0.48	K	0.18	L	0.30				
8	UR-SPL-I	PL	155* 10	320	0.79	G	0.40	M	0.79				
32	UR-SPL-I	TCB	M 22* 65		0.16	K	0.16						
4	COV	PL	120* 6	460	0.44								
4	COV-I	RB	13 ϕ	280	0.05	C	0.05						
32	COV	BN	M 12* 35		0.04								1-W,HDG
JL3-JL4						C	0.05	G	1.31	H	1.26	K	0.41
						L	0.63	M	5.12				

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J23 JL4-JL5													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	470* 9	2630	2.47	H	1.24	M	2.47				
2	D-SPL-U	PL	470* 9	305	0.57	H	0.29	M	0.57				
2	D-SPL	PL	470* 14	245	0.46	E	0.23	M	0.46				
4	D-SPL	PL	470* 14	230	0.86	E	0.43	M	0.86				
4	D-SPL	PL	470* 14	280	1.05	E	0.53	M	1.05				
132	D-SPL	TCB	M 22* 75		0.67	I	0.11	L	0.55				
36	D-SPL	HTB	M 22* 80		0.24	I	0.09	L	0.15				
4	UR-SPL-O	PL	155* 10	320	0.40	E	0.10	G	0.10	M	0.40		

Caluculation of Steel Primer

(Unit: mm, m²)

16	UR-SPL-O	TCB	M 22* 65			0.08	I	0.07	K	0.01							
2	COV	PL	120* 6	460		0.22											
2	COV-O	RB	13 φ	280		0.02	A	0.02									
16	COV	BN	M 12* 35			0.02											1-W,HDG
10	PR-SPL	PL	175* 18	620		2.17	E	1.09	M	2.17							
80	PR-SPL	TCB	M 22* 95			0.40	I	0.40									
JL4-JL5							A	0.02	E	2.38	G	0.10	H	1.53			
							I	0.67	K	0.01	L	0.70	M	7.98			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J23 JL5-JL6																	
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area										Remarks
1	D-SPL-U	PL	470* 9	2690		2.53	H	1.26	M	2.53							
2	D-SPL	PL	470* 14	155		0.29	G	0.15	M	0.29							
7	D-SPL	PL	470* 14	230		1.51	G	0.76	M	1.51							
78	D-SPL	TCB	M 22* 75			0.39	K	0.07	L	0.33							
72	D-SPL	HTB	M 22* 80			0.48	K	0.18	L	0.30							
8	UR-SPL-I	PL	155* 10	320		0.79	G	0.40	M	0.79							
32	UR-SPL-I	TCB	M 22* 65			0.16	K	0.16									
4	COV	PL	120* 6	460		0.44											
4	COV-I	RB	13 φ	280		0.05	C	0.05									
32	COV	BN	M 12* 35			0.04											1-W,HDG
JL5-JL6							C	0.05	G	1.31	H	1.26	K	0.41			
							L	0.63	M	5.12							

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J23 JL6-JL7																	
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area										Remarks
1	D-SPL-U	PL	470* 9	980		0.92	H	0.46	M	0.92							
2	D-SPL-U	PL	470* 9	305		0.57	H	0.29	M	0.57							
2	D-SPL	PL	470* 14	245		0.46	E	0.23	M	0.46							
2	D-SPL	PL	470* 14	230		0.43	E	0.22	M	0.43							
2	D-SPL	PL	470* 14	80		0.15	E	0.08	M	0.15							
36	D-SPL	TCB	M 22* 75			0.18	I	0.03	L	0.15							
36	D-SPL	HTB	M 22* 80			0.24	I	0.09	L	0.15							
4	UR-SPL-O	PL	155* 10	320		0.40	E	0.10	G	0.10	M	0.40					
16	UR-SPL-O	TCB	M 22* 65			0.08	I	0.07	K	0.01							
2	COV	PL	120* 6	460		0.22											
2	COV-O	RB	13 φ	280		0.02	A	0.02									
16	COV	BN	M 12* 35			0.02											1-W,HDG
2	PR-SPL	PL	175* 18	620		0.43	E	0.22	M	0.43							
16	PR-SPL	TCB	M 22* 95			0.08	I	0.08									

Caluculation of Steel Primer

(Unit: mm,m²)

JL6-JL7										A	0.02	E	0.85	G	0.10	H	0.75	
										I	0.27	K	0.01	L	0.30	M	3.36	

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J23 JL7-JL8																		
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area										Remarks	
							H	M	L	K	G	E	I	A	C	B		
1	D-SPL-U	PL	470* 9	2975		2.80	H	1.40	M	2.80								
1	D-SPL	PL	470* 14	223		0.21	G	0.10	M	0.21								
5	D-SPL	PL	470* 14	230		1.08	G	0.54	M	1.08								
4	D-SPL	PL	470* 14	80		0.30	G	0.15	M	0.30								
1	D-SPL	PL	470* 14	155		0.15	G	0.07	M	0.15								
48	D-SPL	TCB	M 22* 75			0.24	K	0.04	L	0.20								
96	D-SPL	HTB	M 22* 80			0.64	K	0.24	L	0.40								
10	UR-SPL-I	PL	155* 10	320		0.99	G	0.50	M	0.99								
40	UR-SPL-I	TCB	M 22* 65			0.20	K	0.20										
5	COV	PL	120* 6	460		0.55												
5	COV-I	RB	13 ϕ	280		0.06	C	0.06										
40	COV	BN	M 12* 35			0.06												1-W,HDG
JL7-JL8										C	0.06	G	1.36	H	1.40	K	0.48	
										L	0.60	M	5.53					

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J23 JL8-RR1																		
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area										Remarks	
							H	M	L	K	G	E	I	A	C	B		
1	D-SPL-U	PL	470* 9	970		0.91	H	0.46	M	0.91								
1	D-SPL-U	PL	470* 9	305		0.29	H	0.14	M	0.29								
1	D-SPL	PL	470* 14	270		0.25	E	0.13	M	0.25								
2	D-SPL	PL	470* 14	250		0.47	E	0.24	M	0.47								
1	D-SPL	PL	470* 14	245		0.23	E	0.12	M	0.23								
66	D-SPL	TCB	M 22* 75			0.33	I	0.06	L	0.28								
1	ST-SPL	PL	255* 9	320		0.16	E	0.08	M	0.16								
1	ST-SPL	PL	335* 16	320		0.21	E	0.11	M	0.21								
12	ST-SPL	TCB	M 22* 70			0.06	I	0.06										
2	ST-SPL	PL	80* 9	320		0.10	E	0.05	M	0.10								
4	ST-SPL	TCB	M 22* 65			0.02	I	0.02										
6	PR-SPL	PL	175* 18	620		1.30	E	0.65	M	1.30								
48	PR-SPL	TCB	M 22* 95			0.24	I	0.24										
JL8-RR1										E	1.38	H	0.60	I	0.38	L	0.28	
										M	3.92							
J23										A	0.06	C	0.22	E	6.84	G	5.64	

Caluculation of Steel Primer

(Unit: mm,m²)

	H	9.55	I	1.97	K	1.81	L	4.32	
	M	43.84							

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J24 LL1-JL1														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	470* 9	970		0.91	H	0.46	M	0.91				
1	D-SPL-U	PL	470* 9	305		0.29	H	0.14	M	0.29				
1	D-SPL	PL	470* 14	270		0.25	E	0.13	M	0.25				
2	D-SPL	PL	470* 14	250		0.47	E	0.24	M	0.47				
1	D-SPL	PL	470* 14	245		0.23	E	0.12	M	0.23				
66	D-SPL	TCB	M 22* 75			0.33	I	0.06	L	0.28				
1	ST-SPL	PL	255* 9	320		0.16	E	0.08	M	0.16				
1	ST-SPL	PL	335* 16	320		0.21	E	0.11	M	0.21				
12	ST-SPL	TCB	M 22* 70			0.06	I	0.06						
2	ST-SPL	PL	80* 9	320		0.10	E	0.05	M	0.10				
4	ST-SPL	TCB	M 22* 65			0.02	I	0.02						
6	PR-SPL	PL	175* 18	620		1.30	E	0.65	M	1.30				
48	PR-SPL	TCB	M 22* 95			0.24	I	0.24						
LL1-JL1							E	1.38	H	0.60	I	0.38	L	0.28
							M	3.92						

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J24 JL1-JL2														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	470* 9	2975		2.80	H	1.40	M	2.80				
1	D-SPL	PL	470* 14	223		0.21	G	0.10	M	0.21				
5	D-SPL	PL	470* 14	230		1.08	G	0.54	M	1.08				
4	D-SPL	PL	470* 14	80		0.30	G	0.15	M	0.30				
1	D-SPL	PL	470* 14	155		0.15	G	0.07	M	0.15				
48	D-SPL	TCB	M 22* 75			0.24	K	0.04	L	0.20				
96	D-SPL	HTB	M 22* 80			0.64	K	0.24	L	0.40				
10	UR-SPL-I	PL	155* 10	320		0.99	G	0.50	M	0.99				
40	UR-SPL-I	TCB	M 22* 65			0.20	K	0.20						
5	COV	PL	120* 6	460		0.55								
5	COV-I	RB	13 ϕ	280		0.06	C	0.06						
40	COV	BN	M 12* 35			0.06							1-W,HDG	
JL1-JL2							C	0.06	G	1.36	H	1.40	K	0.48
							L	0.60	M	5.53				

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J24 JL2-JL3													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	470* 9	980		0.92	H	0.46	M	0.92			
2	D-SPL-U	PL	470* 9	305		0.57	H	0.29	M	0.57			

Caluculation of Steel Primer

(Unit: mm,m²)

2	D-SPL	PL	470* 14	245	0.46	E	0.23	M	0.46				
2	D-SPL	PL	470* 14	230	0.43	E	0.22	M	0.43				
2	D-SPL	PL	470* 14	80	0.15	E	0.08	M	0.15				
36	D-SPL	TCB	M 22* 75		0.18	I	0.03	L	0.15				
36	D-SPL	HTB	M 22* 80		0.24	I	0.09	L	0.15				
4	UR-SPL-O	PL	155* 10	320	0.40	E	0.10	G	0.10	M	0.40		
16	UR-SPL-O	TCB	M 22* 65		0.08	I	0.07	K	0.01				
2	COV	PL	120* 6	460	0.22								
2	COV-O	RB	13 ϕ	280	0.02	A	0.02						
16	COV	BN	M 12* 35		0.02								1-W,HDG
2	PR-SPL	PL	175* 18	620	0.43	E	0.22	M	0.43				
16	PR-SPL	TCB	M 22* 95		0.08	I	0.08						
JL2-JL3						A	0.02	E	0.85	G	0.10	H	0.75
JL2-JL3						I	0.27	K	0.01	L	0.30	M	3.36

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J24 JL3-JL4													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	470* 9	2690	2.53	H	1.26	M	2.53				
2	D-SPL	PL	470* 14	155	0.29	G	0.15	M	0.29				
7	D-SPL	PL	470* 14	230	1.51	G	0.76	M	1.51				
78	D-SPL	TCB	M 22* 75		0.39	K	0.07	L	0.33				
72	D-SPL	HTB	M 22* 80		0.48	K	0.18	L	0.30				
8	UR-SPL-I	PL	155* 10	320	0.79	G	0.40	M	0.79				
32	UR-SPL-I	TCB	M 22* 65		0.16	K	0.16						
4	COV	PL	120* 6	460	0.44								
4	COV-I	RB	13 ϕ	280	0.05	C	0.05						
32	COV	BN	M 12* 35		0.04								1-W,HDG
JL3-JL4						C	0.05	G	1.31	H	1.26	K	0.41
JL3-JL4						L	0.63	M	5.12				

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J24 JL4-JL5													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	470* 9	2630	2.47	H	1.24	M	2.47				
2	D-SPL-U	PL	470* 9	305	0.57	H	0.29	M	0.57				
2	D-SPL	PL	470* 14	245	0.46	E	0.23	M	0.46				
4	D-SPL	PL	470* 14	230	0.86	E	0.43	M	0.86				
4	D-SPL	PL	470* 14	280	1.05	E	0.53	M	1.05				
132	D-SPL	TCB	M 22* 75		0.67	I	0.11	L	0.55				
36	D-SPL	HTB	M 22* 80		0.24	I	0.09	L	0.15				
4	UR-SPL-O	PL	155* 10	320	0.40	E	0.10	G	0.10	M	0.40		

Caluculation of Steel Primer

(Unit: mm, m²)

16	UR-SPL-O	TCB	M 22* 65			0.08	I	0.07	K	0.01							
2	COV	PL	120* 6	460		0.22											
2	COV-O	RB	13 φ	280		0.02	A	0.02									
16	COV	BN	M 12* 35			0.02											1-W,HDG
10	PR-SPL	PL	175* 18	620		2.17	E	1.09	M	2.17							
80	PR-SPL	TCB	M 22* 95			0.40	I	0.40									
JL4-JL5							A	0.02	E	2.38	G	0.10	H	1.53			
							I	0.67	K	0.01	L	0.70	M	7.98			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J24 JL5-JL6																	
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area										Remarks
1	D-SPL-U	PL	470* 9	2690		2.53	H	1.26	M	2.53							
2	D-SPL	PL	470* 14	155		0.29	G	0.15	M	0.29							
7	D-SPL	PL	470* 14	230		1.51	G	0.76	M	1.51							
78	D-SPL	TCB	M 22* 75			0.39	K	0.07	L	0.33							
72	D-SPL	HTB	M 22* 80			0.48	K	0.18	L	0.30							
8	UR-SPL-I	PL	155* 10	320		0.79	G	0.40	M	0.79							
32	UR-SPL-I	TCB	M 22* 65			0.16	K	0.16									
4	COV	PL	120* 6	460		0.44											
4	COV-I	RB	13 φ	280		0.05	C	0.05									
32	COV	BN	M 12* 35			0.04											1-W,HDG
JL5-JL6							C	0.05	G	1.31	H	1.26	K	0.41			
							L	0.63	M	5.12							

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J24 JL6-JL7																	
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area										Remarks
1	D-SPL-U	PL	470* 9	980		0.92	H	0.46	M	0.92							
2	D-SPL-U	PL	470* 9	305		0.57	H	0.29	M	0.57							
2	D-SPL	PL	470* 14	245		0.46	E	0.23	M	0.46							
2	D-SPL	PL	470* 14	230		0.43	E	0.22	M	0.43							
2	D-SPL	PL	470* 14	80		0.15	E	0.08	M	0.15							
36	D-SPL	TCB	M 22* 75			0.18	I	0.03	L	0.15							
36	D-SPL	HTB	M 22* 80			0.24	I	0.09	L	0.15							
4	UR-SPL-O	PL	155* 10	320		0.40	E	0.10	G	0.10	M	0.40					
16	UR-SPL-O	TCB	M 22* 65			0.08	I	0.07	K	0.01							
2	COV	PL	120* 6	460		0.22											
2	COV-O	RB	13 φ	280		0.02	A	0.02									
16	COV	BN	M 12* 35			0.02											1-W,HDG
2	PR-SPL	PL	175* 18	620		0.43	E	0.22	M	0.43							
16	PR-SPL	TCB	M 22* 95			0.08	I	0.08									

Caluculation of Steel Primer

(Unit: mm,m²)

JL6-JL7										A	0.02	E	0.85	G	0.10	H	0.75	
										I	0.27	K	0.01	L	0.30	M	3.36	

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J24 JL7-JL8																		
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area										Remarks	
							H	M	L	K	G	E	I	A	C	B		
1	D-SPL-U	PL	470* 9	2975		2.80	H	1.40	M	2.80								
1	D-SPL	PL	470* 14	223		0.21	G	0.10	M	0.21								
5	D-SPL	PL	470* 14	230		1.08	G	0.54	M	1.08								
4	D-SPL	PL	470* 14	80		0.30	G	0.15	M	0.30								
1	D-SPL	PL	470* 14	155		0.15	G	0.07	M	0.15								
48	D-SPL	TCB	M 22* 75			0.24	K	0.04	L	0.20								
96	D-SPL	HTB	M 22* 80			0.64	K	0.24	L	0.40								
10	UR-SPL-I	PL	155* 10	320		0.99	G	0.50	M	0.99								
40	UR-SPL-I	TCB	M 22* 65			0.20	K	0.20										
5	COV	PL	120* 6	460		0.55												
5	COV-I	RB	13 ϕ	280		0.06	C	0.06										
40	COV	BN	M 12* 35			0.06												1-W,HDG
JL7-JL8										C	0.06	G	1.36	H	1.40	K	0.48	
										L	0.60	M	5.53					

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J24 JL8-RR1																		
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area										Remarks	
							H	M	L	K	G	E	I	A	C	B		
1	D-SPL-U	PL	470* 9	970		0.91	H	0.46	M	0.91								
1	D-SPL-U	PL	470* 9	305		0.29	H	0.14	M	0.29								
1	D-SPL	PL	470* 14	270		0.25	E	0.13	M	0.25								
2	D-SPL	PL	470* 14	250		0.47	E	0.24	M	0.47								
1	D-SPL	PL	470* 14	245		0.23	E	0.12	M	0.23								
66	D-SPL	TCB	M 22* 75			0.33	I	0.06	L	0.28								
1	ST-SPL	PL	255* 9	320		0.16	E	0.08	M	0.16								
1	ST-SPL	PL	335* 16	320		0.21	E	0.11	M	0.21								
12	ST-SPL	TCB	M 22* 70			0.06	I	0.06										
2	ST-SPL	PL	80* 9	320		0.10	E	0.05	M	0.10								
4	ST-SPL	TCB	M 22* 65			0.02	I	0.02										
6	PR-SPL	PL	175* 18	620		1.30	E	0.65	M	1.30								
48	PR-SPL	TCB	M 22* 95			0.24	I	0.24										
JL8-RR1										E	1.38	H	0.60	I	0.38	L	0.28	
										M	3.92							
J24										A	0.06	C	0.22	E	6.84	G	5.64	

Caluculation of Steel Primer

(Unit: mm,m²)

	H	9.55	I	1.97	K	1.81	L	4.32	
	M	43.84							

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J25 LL1-JL1														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	620* 9	970		1.20	H	0.60	M	1.20				
1	D-SPL-U	PL	620* 9	305		0.38	H	0.19	M	0.38				
1	D-SPL	PL	620* 14	270		0.33	E	0.17	M	0.33				
2	D-SPL	PL	620* 14	250		0.62	E	0.31	M	0.62				
1	D-SPL	PL	620* 14	245		0.30	E	0.15	M	0.30				
88	D-SPL	TCB	M 22* 75			0.45	I	0.08	L	0.37				
1	ST-SPL	PL	255* 9	320		0.16	E	0.08	M	0.16				
1	ST-SPL	PL	335* 16	320		0.21	E	0.11	M	0.21				
12	ST-SPL	TCB	M 22* 70			0.06	I	0.06						
2	ST-SPL	PL	80* 9	320		0.10	E	0.05	M	0.10				
4	ST-SPL	TCB	M 22* 65			0.02	I	0.02						
6	PR-SPL	PL	175* 18	770		1.62	E	0.81	M	1.62				
60	PR-SPL	TCB	M 22* 95			0.30	I	0.30						
LL1-JL1							E	1.68	H	0.79	I	0.46	L	0.37
							M	4.92						

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J25 JL1-JL2														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	620* 9	2975		3.69	H	1.84	M	3.69				
1	D-SPL	PL	620* 14	223		0.28	G	0.14	M	0.28				
5	D-SPL	PL	620* 14	230		1.43	G	0.71	M	1.43				
4	D-SPL	PL	620* 14	80		0.40	G	0.20	M	0.40				
1	D-SPL	PL	620* 14	155		0.19	G	0.10	M	0.19				
64	D-SPL	TCB	M 22* 75			0.32	K	0.06	L	0.27				
128	D-SPL	HTB	M 22* 80			0.86	K	0.33	L	0.53				
10	UR-SPL-I	PL	155* 10	470		1.46	G	0.73	M	1.46				
60	UR-SPL-I	TCB	M 22* 65			0.30	K	0.30						
5	COV	PL	120* 6	460		0.55								
5	COV-I	RB	13 ϕ	280		0.06	C	0.06						
40	COV	BN	M 12* 35			0.06							1-W,H,DG	
JL1-JL2							C	0.06	G	1.88	H	1.84	K	0.69
							L	0.80	M	7.45				

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J25 JL2-JL3													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	620* 9	980		1.22	H	0.61	M	1.22			
2	D-SPL-U	PL	620* 9	305		0.76	H	0.38	M	0.76			

Caluculation of Steel Primer

(Unit: mm,m²)

2	D-SPL	PL	620* 14	245	0.61	E	0.30	M	0.61				
2	D-SPL	PL	620* 14	230	0.57	E	0.29	M	0.57				
2	D-SPL	PL	620* 14	80	0.20	E	0.10	M	0.20				
48	D-SPL	TCB	M 22* 75		0.24	I	0.04	L	0.20				
48	D-SPL	HTB	M 22* 80		0.32	I	0.12	L	0.20				
4	UR-SPL-O	PL	155* 10	470	0.58	E	0.15	G	0.15	M	0.58		
24	UR-SPL-O	TCB	M 22* 65		0.12	I	0.10	K	0.02				
2	COV	PL	120* 6	460	0.22								
2	COV-O	RB	13 ϕ	280	0.02	A	0.02						
16	COV	BN	M 12* 35		0.02								1-W,HDG
2	PR-SPL	PL	175* 18	770	0.54	E	0.27	M	0.54				
20	PR-SPL	TCB	M 22* 95		0.10	I	0.10						
JL2-JL3						A	0.02	E	1.11	G	0.15	H	0.99
JL2-JL3						I	0.36	K	0.02	L	0.40	M	4.48

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J25 JL3-JL4													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	620* 9	2690	3.34	H	1.67	M	3.34				
2	D-SPL	PL	620* 14	155	0.38	G	0.19	M	0.38				
7	D-SPL	PL	620* 14	230	2.00	G	1.00	M	2.00				
104	D-SPL	TCB	M 22* 75		0.53	K	0.09	L	0.44				
96	D-SPL	HTB	M 22* 80		0.64	K	0.24	L	0.40				
8	UR-SPL-I	PL	155* 10	470	1.17	G	0.58	M	1.17				
48	UR-SPL-I	TCB	M 22* 65		0.24	K	0.24						
4	COV	PL	120* 6	460	0.44								
4	COV-I	RB	13 ϕ	280	0.05	C	0.05						
32	COV	BN	M 12* 35		0.04								1-W,HDG
JL3-JL4						C	0.05	G	1.77	H	1.67	K	0.57
JL3-JL4						L	0.84	M	6.89				

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J25 JL4-JL5													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	620* 9	2630	3.26	H	1.63	M	3.26				
2	D-SPL-U	PL	620* 9	305	0.76	H	0.38	M	0.76				
2	D-SPL	PL	620* 14	245	0.61	E	0.30	M	0.61				
4	D-SPL	PL	620* 14	230	1.14	E	0.57	M	1.14				
4	D-SPL	PL	620* 14	280	1.39	E	0.69	M	1.39				
176	D-SPL	TCB	M 22* 75		0.89	I	0.15	L	0.74				
48	D-SPL	HTB	M 22* 80		0.32	I	0.12	L	0.20				
4	UR-SPL-O	PL	155* 10	470	0.58	E	0.15	G	0.15	M	0.58		

Caluculation of Steel Primer

(Unit: mm, m²)

24	UR-SPL-O	TCB	M 22* 65			0.12	I	0.10	K	0.02							
2	COV	PL	120* 6	460		0.22											
2	COV-O	RB	13 φ	280		0.02	A	0.02									
16	COV	BN	M 12* 35			0.02											1-W,HDG
10	PR-SPL	PL	175* 18	770		2.70	E	1.35	M	2.70							
100	PR-SPL	TCB	M 22* 95			0.51	I	0.51									
JL4-JL5							A	0.02	E	3.06	G	0.15	H	2.01			
							I	0.88	K	0.02	L	0.94	M	10.44			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J25 JL5-JL6																	
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area										Remarks
1	D-SPL-U	PL	620* 9	2690		3.34	H	1.67	M	3.34							
2	D-SPL	PL	620* 14	155		0.38	G	0.19	M	0.38							
7	D-SPL	PL	620* 14	230		2.00	G	1.00	M	2.00							
104	D-SPL	TCB	M 22* 75			0.53	K	0.09	L	0.44							
96	D-SPL	HTB	M 22* 80			0.64	K	0.24	L	0.40							
8	UR-SPL-I	PL	155* 10	470		1.17	G	0.58	M	1.17							
48	UR-SPL-I	TCB	M 22* 65			0.24	K	0.24									
4	COV	PL	120* 6	460		0.44											
4	COV-I	RB	13 φ	280		0.05	C	0.05									
32	COV	BN	M 12* 35			0.04											1-W,HDG
JL5-JL6							C	0.05	G	1.77	H	1.67	K	0.57			
							L	0.84	M	6.89							

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J25 JL6-JL7																	
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area										Remarks
1	D-SPL-U	PL	620* 9	980		1.22	H	0.61	M	1.22							
2	D-SPL-U	PL	620* 9	305		0.76	H	0.38	M	0.76							
2	D-SPL	PL	620* 14	245		0.61	E	0.30	M	0.61							
2	D-SPL	PL	620* 14	230		0.57	E	0.29	M	0.57							
2	D-SPL	PL	620* 14	80		0.20	E	0.10	M	0.20							
48	D-SPL	TCB	M 22* 75			0.24	I	0.04	L	0.20							
48	D-SPL	HTB	M 22* 80			0.32	I	0.12	L	0.20							
4	UR-SPL-O	PL	155* 10	470		0.58	E	0.15	G	0.15	M	0.58					
24	UR-SPL-O	TCB	M 22* 65			0.12	I	0.10	K	0.02							
2	COV	PL	120* 6	460		0.22											
2	COV-O	RB	13 φ	280		0.02	A	0.02									
16	COV	BN	M 12* 35			0.02											1-W,HDG
2	PR-SPL	PL	175* 18	770		0.54	E	0.27	M	0.54							
20	PR-SPL	TCB	M 22* 95			0.10	I	0.10									

Caluculation of Steel Primer

(Unit: mm,m²)

JL6-JL7									
	A	0.02	E	1.11	G	0.15	H	0.99	
	I	0.36	K	0.02	L	0.40	M	4.48	

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J25 JL7-JL8											
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area			Remarks	
1	D-SPL-U	PL	620* 9	2975		3.69	H	1.84	M	3.69	
1	D-SPL	PL	620* 14	223		0.28	G	0.14	M	0.28	
5	D-SPL	PL	620* 14	230		1.43	G	0.71	M	1.43	
4	D-SPL	PL	620* 14	80		0.40	G	0.20	M	0.40	
1	D-SPL	PL	620* 14	155		0.19	G	0.10	M	0.19	
64	D-SPL	TCB	M 22* 75			0.32	K	0.06	L	0.27	
128	D-SPL	HTB	M 22* 80			0.86	K	0.33	L	0.53	
10	UR-SPL-I	PL	155* 10	470		1.46	G	0.73	M	1.46	
60	UR-SPL-I	TCB	M 22* 65			0.30	K	0.30			
5	COV	PL	120* 6	460		0.55					
5	COV-I	RB	13 ϕ	280		0.06	C	0.06			
40	COV	BN	M 12* 35			0.06					1-W,HDG
JL7-JL8											
	C	0.06	G	1.88	H	1.84	K	0.69			
	L	0.80	M	7.45							

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J25 JL8-RR1											
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area			Remarks	
1	D-SPL-U	PL	620* 9	970		1.20	H	0.60	M	1.20	
1	D-SPL-U	PL	620* 9	305		0.38	H	0.19	M	0.38	
1	D-SPL	PL	620* 14	270		0.33	E	0.17	M	0.33	
2	D-SPL	PL	620* 14	250		0.62	E	0.31	M	0.62	
1	D-SPL	PL	620* 14	245		0.30	E	0.15	M	0.30	
88	D-SPL	TCB	M 22* 75			0.45	I	0.08	L	0.37	
1	ST-SPL	PL	255* 9	320		0.16	E	0.08	M	0.16	
1	ST-SPL	PL	335* 16	320		0.21	E	0.11	M	0.21	
12	ST-SPL	TCB	M 22* 70			0.06	I	0.06			
2	ST-SPL	PL	80* 9	320		0.10	E	0.05	M	0.10	
4	ST-SPL	TCB	M 22* 65			0.02	I	0.02			
6	PR-SPL	PL	175* 18	770		1.62	E	0.81	M	1.62	
60	PR-SPL	TCB	M 22* 95			0.30	I	0.30			
JL8-RR1											
	E	1.68	H	0.79	I	0.46	L	0.37			
	M	4.92									
J25											
	A	0.06	C	0.22	E	8.64	G	7.75			

Caluculation of Steel Primer

(Unit: mm,m²)

	H	12.59	I	2.52	K	2.58	L	5.76	
	M	57.92							

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J26 LL1-JL1														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	620* 9	970		1.20	H	0.60	M	1.20				
1	D-SPL-U	PL	620* 9	305		0.38	H	0.19	M	0.38				
1	D-SPL	PL	620* 14	270		0.33	E	0.17	M	0.33				
2	D-SPL	PL	620* 14	250		0.62	E	0.31	M	0.62				
1	D-SPL	PL	620* 14	245		0.30	E	0.15	M	0.30				
88	D-SPL	TCB	M 22* 75			0.45	I	0.08	L	0.37				
1	ST-SPL	PL	255* 9	320		0.16	E	0.08	M	0.16				
1	ST-SPL	PL	335* 16	320		0.21	E	0.11	M	0.21				
12	ST-SPL	TCB	M 22* 70			0.06	I	0.06						
2	ST-SPL	PL	80* 9	320		0.10	E	0.05	M	0.10				
4	ST-SPL	TCB	M 22* 65			0.02	I	0.02						
6	PR-SPL	PL	175* 18	770		1.62	E	0.81	M	1.62				
60	PR-SPL	TCB	M 22* 95			0.30	I	0.30						
LL1-JL1							E	1.68	H	0.79	I	0.46	L	0.37
							M	4.92						

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J26 JL1-JL2														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	620* 9	2975		3.69	H	1.84	M	3.69				
1	D-SPL	PL	620* 14	223		0.28	G	0.14	M	0.28				
5	D-SPL	PL	620* 14	230		1.43	G	0.71	M	1.43				
4	D-SPL	PL	620* 14	80		0.40	G	0.20	M	0.40				
1	D-SPL	PL	620* 14	155		0.19	G	0.10	M	0.19				
64	D-SPL	TCB	M 22* 75			0.32	K	0.06	L	0.27				
128	D-SPL	HTB	M 22* 80			0.86	K	0.33	L	0.53				
10	UR-SPL-I	PL	155* 10	470		1.46	G	0.73	M	1.46				
60	UR-SPL-I	TCB	M 22* 65			0.30	K	0.30						
5	COV	PL	120* 6	460		0.55								
5	COV-I	RB	13 ϕ	280		0.06	C	0.06						
40	COV	BN	M 12* 35			0.06							1-W,HDG	
JL1-JL2							C	0.06	G	1.88	H	1.84	K	0.69
							L	0.80	M	7.45				

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J26 JL2-JL3													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	620* 9	980		1.22	H	0.61	M	1.22			
2	D-SPL-U	PL	620* 9	305		0.76	H	0.38	M	0.76			

Caluculation of Steel Primer

(Unit: mm, m²)

2	D-SPL	PL	620* 14	245	0.61	E	0.30	M	0.61				
2	D-SPL	PL	620* 14	230	0.57	E	0.29	M	0.57				
2	D-SPL	PL	620* 14	80	0.20	E	0.10	M	0.20				
48	D-SPL	TCB	M 22* 75		0.24	I	0.04	L	0.20				
48	D-SPL	HTB	M 22* 80		0.32	I	0.12	L	0.20				
4	UR-SPL-O	PL	155* 10	470	0.58	E	0.15	G	0.15	M	0.58		
24	UR-SPL-O	TCB	M 22* 65		0.12	I	0.10	K	0.02				
2	COV	PL	120* 6	460	0.22								
2	COV-O	RB	13 ϕ	280	0.02	A	0.02						
16	COV	BN	M 12* 35		0.02								1-W,HDG
2	PR-SPL	PL	175* 18	770	0.54	E	0.27	M	0.54				
20	PR-SPL	TCB	M 22* 95		0.10	I	0.10						
JL2-JL3						A	0.02	E	1.11	G	0.15	H	0.99
JL2-JL3						I	0.36	K	0.02	L	0.40	M	4.48

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J26 JL3-JL4													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	620* 9	2690	3.34	H	1.67	M	3.34				
2	D-SPL	PL	620* 14	155	0.38	G	0.19	M	0.38				
7	D-SPL	PL	620* 14	230	2.00	G	1.00	M	2.00				
104	D-SPL	TCB	M 22* 75		0.53	K	0.09	L	0.44				
96	D-SPL	HTB	M 22* 80		0.64	K	0.24	L	0.40				
8	UR-SPL-I	PL	155* 10	470	1.17	G	0.58	M	1.17				
48	UR-SPL-I	TCB	M 22* 65		0.24	K	0.24						
4	COV	PL	120* 6	460	0.44								
4	COV-I	RB	13 ϕ	280	0.05	C	0.05						
32	COV	BN	M 12* 35		0.04								1-W,HDG
JL3-JL4						C	0.05	G	1.77	H	1.67	K	0.57
JL3-JL4						L	0.84	M	6.89				

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J26 JL4-JL5													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	620* 9	305	0.38	H	0.19	M	0.38				
1	D-SPL-U	PL	620* 9	2668	3.31	H	1.65	M	3.31				
1	D-SPL-U	PL	620* 9	305	0.38	H	0.19	M	0.38				
2	D-SPL	PL	620* 14	245	0.61	E	0.30	M	0.61				
4	D-SPL	PL	620* 14	230	1.14	E	0.57	M	1.14				
2	D-SPL	PL	620* 14	280	0.69	E	0.35	M	0.69				
1	D-SPL	PL	620* 14	259	0.32	E	0.16	M	0.32				
1	D-SPL	PL	620* 14	340	0.42	E	0.21	M	0.42				

Caluculation of Steel Primer

(Unit: mm,m²)

184	D-SPL	TCB	M 22* 75			0.93	I	0.16	L	0.77							
48	D-SPL	HTB	M 22* 80			0.32	I	0.12	L	0.20							
4	UR-SPL-O	PL	155* 10	470		0.58	E	0.15	G	0.15	M	0.58					
24	UR-SPL-O	TCB	M 22* 65			0.12	I	0.10	K	0.02							
2	COV	PL	120* 6	460		0.22											
2	COV-O	RB	13 ϕ	280		0.02	A	0.02									
16	COV	BN	M 12* 35			0.02											1-W,HDG
10	PR-SPL	PL	175* 18	770		2.70	E	1.35	M	2.70							
100	PR-SPL	TCB	M 22* 95			0.51	I	0.51									
JL4-JL5							A	0.02	E	3.09	G	0.15	H	2.03			
JL4-JL5							I	0.89	K	0.02	L	0.97	M	10.53			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J26 JL5-JL6																	
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area										Remarks
1	D-SPL-U	PL	620* 9	2690		3.34	H	1.67	M	3.34							
2	D-SPL	PL	620* 14	155		0.38	G	0.19	M	0.38							
7	D-SPL	PL	620* 14	230		2.00	G	1.00	M	2.00							
104	D-SPL	TCB	M 22* 75			0.53	K	0.09	L	0.44							
96	D-SPL	HTB	M 22* 80			0.64	K	0.24	L	0.40							
8	UR-SPL-I	PL	155* 10	470		1.17	G	0.58	M	1.17							
48	UR-SPL-I	TCB	M 22* 65			0.24	K	0.24									
4	COV	PL	120* 6	460		0.44											
4	COV-I	RB	13 ϕ	280		0.05	C	0.05									
32	COV	BN	M 12* 35			0.04											1-W,HDG
JL5-JL6							C	0.05	G	1.77	H	1.67	K	0.57			
JL5-JL6							L	0.84	M	6.89							

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J26 JL6-JL7																	
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area										Remarks
1	D-SPL-U	PL	620* 9	980		1.22	H	0.61	M	1.22							
2	D-SPL-U	PL	620* 9	305		0.76	H	0.38	M	0.76							
2	D-SPL	PL	620* 14	245		0.61	E	0.30	M	0.61							
2	D-SPL	PL	620* 14	230		0.57	E	0.29	M	0.57							
2	D-SPL	PL	620* 14	80		0.20	E	0.10	M	0.20							
48	D-SPL	TCB	M 22* 75			0.24	I	0.04	L	0.20							
48	D-SPL	HTB	M 22* 80			0.32	I	0.12	L	0.20							
4	UR-SPL-O	PL	155* 10	470		0.58	E	0.15	G	0.15	M	0.58					
24	UR-SPL-O	TCB	M 22* 65			0.12	I	0.10	K	0.02							
2	COV	PL	120* 6	460		0.22											
2	COV-O	RB	13 ϕ	280		0.02	A	0.02									

Caluculation of Steel Primer

(Unit: mm, m²)

16	COV	BN	M 12* 35			0.02												1-W,HDG
2	PR-SPL	PL	175* 18	770		0.54	E	0.27	M	0.54								
20	PR-SPL	TCB	M 22* 95			0.10	I	0.10										
JL6-JL7							A	0.02	E	1.11	G	0.15	H	0.99				
JL6-JL7							I	0.36	K	0.02	L	0.40	M	4.48				

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J26 JL7-JL8																		
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area											Remarks
1	D-SPL-U	PL	620* 9	2975		3.69	H	1.84	M	3.69								
1	D-SPL	PL	620* 14	223		0.28	G	0.14	M	0.28								
5	D-SPL	PL	620* 14	230		1.43	G	0.71	M	1.43								
4	D-SPL	PL	620* 14	80		0.40	G	0.20	M	0.40								
1	D-SPL	PL	620* 14	155		0.19	G	0.10	M	0.19								
64	D-SPL	TCB	M 22* 75			0.32	K	0.06	L	0.27								
128	D-SPL	HTB	M 22* 80			0.86	K	0.33	L	0.53								
10	UR-SPL-I	PL	155* 10	470		1.46	G	0.73	M	1.46								
60	UR-SPL-I	TCB	M 22* 65			0.30	K	0.30										
5	COV	PL	120* 6	460		0.55												
5	COV-I	RB	13 φ	280		0.06	C	0.06										
40	COV	BN	M 12* 35			0.06												1-W,HDG
JL7-JL8							C	0.06	G	1.88	H	1.84	K	0.69				
JL7-JL8							L	0.80	M	7.45								

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J26 JL8-RR1																		
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area											Remarks
1	D-SPL-U	PL	620* 9	970		1.20	H	0.60	M	1.20								
1	D-SPL-U	PL	620* 9	305		0.38	H	0.19	M	0.38								
1	D-SPL	PL	620* 14	270		0.33	E	0.17	M	0.33								
2	D-SPL	PL	620* 14	250		0.62	E	0.31	M	0.62								
1	D-SPL	PL	620* 14	245		0.30	E	0.15	M	0.30								
88	D-SPL	TCB	M 22* 75			0.45	I	0.08	L	0.37								
1	ST-SPL	PL	255* 9	320		0.16	E	0.08	M	0.16								
1	ST-SPL	PL	335* 16	320		0.21	E	0.11	M	0.21								
12	ST-SPL	TCB	M 22* 70			0.06	I	0.06										
2	ST-SPL	PL	80* 9	320		0.10	E	0.05	M	0.10								
4	ST-SPL	TCB	M 22* 65			0.02	I	0.02										
6	PR-SPL	PL	175* 18	770		1.62	E	0.81	M	1.62								
60	PR-SPL	TCB	M 22* 95			0.30	I	0.30										
JL8-RR1							E	1.68	H	0.79	I	0.46	L	0.37				

Caluculation of Steel Primer

(Unit: mm,m²)

	M	4.92						
J26	A	0.06	C	0.22	E	8.67	G	7.75
	H	12.61	I	2.53	K	2.58	L	5.79
	M	58.01						

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J27 LL1-JL1														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	620* 9	970		1.20	H	0.60	M	1.20				
1	D-SPL-U	PL	620* 9	305		0.38	H	0.19	M	0.38				
1	D-SPL	PL	620* 14	270		0.33	E	0.17	M	0.33				
2	D-SPL	PL	620* 14	250		0.62	E	0.31	M	0.62				
1	D-SPL	PL	620* 14	245		0.30	E	0.15	M	0.30				
88	D-SPL	TCB	M 22* 75			0.45	I	0.08	L	0.37				
1	ST-SPL	PL	255* 9	320		0.16	E	0.08	M	0.16				
1	ST-SPL	PL	335* 16	320		0.21	E	0.11	M	0.21				
12	ST-SPL	TCB	M 22* 70			0.06	I	0.06						
2	ST-SPL	PL	80* 9	320		0.10	E	0.05	M	0.10				
4	ST-SPL	TCB	M 22* 65			0.02	I	0.02						
6	PR-SPL	PL	175* 18	770		1.62	E	0.81	M	1.62				
60	PR-SPL	TCB	M 22* 95			0.30	I	0.30						
LL1-JL1							E	1.68	H	0.79	I	0.46	L	0.37
							M	4.92						

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J27 JL1-JL2														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	620* 9	2975		3.69	H	1.84	M	3.69				
1	D-SPL	PL	620* 14	223		0.28	G	0.14	M	0.28				
5	D-SPL	PL	620* 14	230		1.43	G	0.71	M	1.43				
4	D-SPL	PL	620* 14	80		0.40	G	0.20	M	0.40				
1	D-SPL	PL	620* 14	155		0.19	G	0.10	M	0.19				
64	D-SPL	TCB	M 22* 75			0.32	K	0.06	L	0.27				
128	D-SPL	HTB	M 22* 80			0.86	K	0.33	L	0.53				
10	UR-SPL-I	PL	155* 10	470		1.46	G	0.73	M	1.46				
60	UR-SPL-I	TCB	M 22* 65			0.30	K	0.30						
5	COV	PL	120* 6	460		0.55								
5	COV-I	RB	13 ϕ	280		0.06	C	0.06						
40	COV	BN	M 12* 35			0.06							1-W,HDG	
JL1-JL2							C	0.06	G	1.88	H	1.84	K	0.69
							L	0.80	M	7.45				

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J27 JL2-JL3													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	620* 9	980		1.22	H	0.61	M	1.22			
2	D-SPL-U	PL	620* 9	305		0.76	H	0.38	M	0.76			

Caluculation of Steel Primer

(Unit: mm,m²)

2	D-SPL	PL	620* 14	245	0.61	E	0.30	M	0.61				
2	D-SPL	PL	620* 14	230	0.57	E	0.29	M	0.57				
2	D-SPL	PL	620* 14	80	0.20	E	0.10	M	0.20				
48	D-SPL	TCB	M 22* 75		0.24	I	0.04	L	0.20				
48	D-SPL	HTB	M 22* 80		0.32	I	0.12	L	0.20				
4	UR-SPL-O	PL	155* 10	470	0.58	E	0.15	G	0.15	M	0.58		
24	UR-SPL-O	TCB	M 22* 65		0.12	I	0.10	K	0.02				
2	COV	PL	120* 6	460	0.22								
2	COV-O	RB	13 ϕ	280	0.02	A	0.02						
16	COV	BN	M 12* 35		0.02								1-W,HDG
2	PR-SPL	PL	175* 18	770	0.54	E	0.27	M	0.54				
20	PR-SPL	TCB	M 22* 95		0.10	I	0.10						
JL2-JL3						A	0.02	E	1.11	G	0.15	H	0.99
JL2-JL3						I	0.36	K	0.02	L	0.40	M	4.48

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J27 JL3-JL4													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	620* 9	2690	3.34	H	1.67	M	3.34				
2	D-SPL	PL	620* 14	155	0.38	G	0.19	M	0.38				
7	D-SPL	PL	620* 14	230	2.00	G	1.00	M	2.00				
104	D-SPL	TCB	M 22* 75		0.53	K	0.09	L	0.44				
96	D-SPL	HTB	M 22* 80		0.64	K	0.24	L	0.40				
8	UR-SPL-I	PL	155* 10	470	1.17	G	0.58	M	1.17				
48	UR-SPL-I	TCB	M 22* 65		0.24	K	0.24						
4	COV	PL	120* 6	460	0.44								
4	COV-I	RB	13 ϕ	280	0.05	C	0.05						
32	COV	BN	M 12* 35		0.04								1-W,HDG
JL3-JL4						C	0.05	G	1.77	H	1.67	K	0.57
JL3-JL4						L	0.84	M	6.89				

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J27 JL4-JL4A													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	620* 9	305	0.38	H	0.19	M	0.38				
1	D-SPL-U	PL	620* 9	1385	1.72	H	0.86	M	1.72				
1	D-SPL-U	PL	620* 9	290	0.36	H	0.18	M	0.36				
1	D-SPL	PL	620* 14	245	0.30	G	0.15	M	0.30				
3	D-SPL	PL	620* 14	230	0.86	G	0.43	M	0.86				
1	D-SPL	PL	620* 14	280	0.35	G	0.17	M	0.35				
1	D-SPL	PL	620* 14	355	0.44	G	0.22	M	0.44				
112	D-SPL	TCB	M 22* 75		0.57	K	0.10	L	0.47				

Caluculation of Steel Primer

(Unit: mm, m²)

24	D-SPL	HTB	M 22* 80			0.16	K	0.06	L	0.10					
JL4-JL4A							G	0.97	H	1.23	K	0.16	L	0.57	
							M	4.41							

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J27 JL4A-JL5														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	D-SPL-U	PL	620* 9	1212		1.50	H	0.75	M	1.50				
1	D-SPL-U	PL	620* 9	305		0.38	H	0.19	M	0.38				
1	D-SPL	PL	620* 14	182		0.23	E	0.11	M	0.23				
1	D-SPL	PL	620* 14	280		0.35	E	0.17	M	0.35				
2	D-SPL	PL	620* 14	230		0.57	E	0.29	M	0.57				
1	D-SPL	PL	620* 14	245		0.30	E	0.15	M	0.30				
80	D-SPL	TCB	M 22* 75			0.40	I	0.07	L	0.34				
24	D-SPL	HTB	M 22* 80			0.16	I	0.06	L	0.10				
4	UR-SPL-O	PL	155* 10	470		0.58	E	0.15	G	0.15	M	0.58		
24	UR-SPL-O	TCB	M 22* 65			0.12	I	0.10	K	0.02				
2	COV	PL	120* 6	460		0.22								
2	COV-O	RB	13 φ	280		0.02	A	0.02						
16	COV	BN	M 12* 35			0.02								1-W,HDG
12	PR-SPL	PL	175* 18	770		3.23	E	1.62	M	3.23				
120	PR-SPL	TCB	M 22* 95			0.61	I	0.61						
JL4A-JL5							A	0.02	E	2.49	G	0.15	H	0.94
							I	0.84	K	0.02	L	0.44	M	7.14

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J27 JL5-JL6														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	D-SPL-U	PL	620* 9	2690		3.34	H	1.67	M	3.34				
2	D-SPL	PL	620* 14	155		0.38	G	0.19	M	0.38				
7	D-SPL	PL	620* 14	230		2.00	G	1.00	M	2.00				
104	D-SPL	TCB	M 22* 75			0.53	K	0.09	L	0.44				
96	D-SPL	HTB	M 22* 80			0.64	K	0.24	L	0.40				
8	UR-SPL-I	PL	155* 10	470		1.17	G	0.58	M	1.17				
48	UR-SPL-I	TCB	M 22* 65			0.24	K	0.24						
4	COV	PL	120* 6	460		0.44								
4	COV-I	RB	13 φ	280		0.05	C	0.05						
32	COV	BN	M 12* 35			0.04								1-W,HDG
JL5-JL6							C	0.05	G	1.77	H	1.67	K	0.57
							L	0.84	M	6.89				

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J27 JL6-JL7														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	620* 9	980		1.22	H	0.61	M	1.22				
2	D-SPL-U	PL	620* 9	305		0.76	H	0.38	M	0.76				
2	D-SPL	PL	620* 14	245		0.61	E	0.30	M	0.61				
2	D-SPL	PL	620* 14	230		0.57	E	0.29	M	0.57				
2	D-SPL	PL	620* 14	80		0.20	E	0.10	M	0.20				
48	D-SPL	TCB	M 22* 75			0.24	I	0.04	L	0.20				
48	D-SPL	HTB	M 22* 80			0.32	I	0.12	L	0.20				
4	UR-SPL-O	PL	155* 10	470		0.58	E	0.15	G	0.15	M	0.58		
24	UR-SPL-O	TCB	M 22* 65			0.12	I	0.10	K	0.02				
2	COV	PL	120* 6	460		0.22								
2	COV-O	RB	13 φ	280		0.02	A	0.02						
16	COV	BN	M 12* 35			0.02							1-W,HDG	
2	PR-SPL	PL	175* 18	770		0.54	E	0.27	M	0.54				
20	PR-SPL	TCB	M 22* 95			0.10	I	0.10						
JL6-JL7							A	0.02	E	1.11	G	0.15	H	0.99
JL6-JL7							I	0.36	K	0.02	L	0.40	M	4.48

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J27 JL7-JL8														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	620* 9	2975		3.69	H	1.84	M	3.69				
1	D-SPL	PL	620* 14	223		0.28	G	0.14	M	0.28				
5	D-SPL	PL	620* 14	230		1.43	G	0.71	M	1.43				
4	D-SPL	PL	620* 14	80		0.40	G	0.20	M	0.40				
1	D-SPL	PL	620* 14	155		0.19	G	0.10	M	0.19				
64	D-SPL	TCB	M 22* 75			0.32	K	0.06	L	0.27				
128	D-SPL	HTB	M 22* 80			0.86	K	0.33	L	0.53				
10	UR-SPL-I	PL	155* 10	470		1.46	G	0.73	M	1.46				
60	UR-SPL-I	TCB	M 22* 65			0.30	K	0.30						
5	COV	PL	120* 6	460		0.55								
5	COV-I	RB	13 φ	280		0.06	C	0.06						
40	COV	BN	M 12* 35			0.06							1-W,HDG	
JL7-JL8							C	0.06	G	1.88	H	1.84	K	0.69
JL7-JL8							L	0.80	M	7.45				

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J27 JL8-RR1													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	620* 9	970		1.20	H	0.60	M	1.20			

Caluculation of Steel Primer

(Unit: mm,m²)

1	D-SPL-U	PL	620* 9	305	0.38	H	0.19	M	0.38				
1	D-SPL	PL	620* 14	270	0.33	E	0.17	M	0.33				
2	D-SPL	PL	620* 14	250	0.62	E	0.31	M	0.62				
1	D-SPL	PL	620* 14	245	0.30	E	0.15	M	0.30				
88	D-SPL	TCB	M 22* 75		0.45	I	0.08	L	0.37				
1	ST-SPL	PL	255* 9	320	0.16	E	0.08	M	0.16				
1	ST-SPL	PL	335* 16	320	0.21	E	0.11	M	0.21				
12	ST-SPL	TCB	M 22* 70		0.06	I	0.06						
2	ST-SPL	PL	80* 9	320	0.10	E	0.05	M	0.10				
4	ST-SPL	TCB	M 22* 65		0.02	I	0.02						
6	PR-SPL	PL	175* 18	770	1.62	E	0.81	M	1.62				
60	PR-SPL	TCB	M 22* 95		0.30	I	0.30						
JL8-RR1						E	1.68	H	0.79	I	0.46	L	0.37
						M	4.92						
J27						A	0.06	C	0.22	E	8.07	G	8.72
						H	12.75	I	2.48	K	2.74	L	5.83
						M	59.03						

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J28 LL1-JL1														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks		
1	D-SPL-U	PL	620* 9	970		1.20	H	0.60	M	1.20				
1	D-SPL-U	PL	620* 9	305		0.38	H	0.19	M	0.38				
1	D-SPL	PL	620* 14	270		0.33	E	0.17	M	0.33				
2	D-SPL	PL	620* 14	250		0.62	E	0.31	M	0.62				
1	D-SPL	PL	620* 14	245		0.30	E	0.15	M	0.30				
88	D-SPL	TCB	M 22* 75			0.45	I	0.08	L	0.37				
1	ST-SPL	PL	255* 9	320		0.16	E	0.08	M	0.16				
1	ST-SPL	PL	335* 16	320		0.21	E	0.11	M	0.21				
12	ST-SPL	TCB	M 22* 70			0.06	I	0.06						
2	ST-SPL	PL	80* 9	320		0.10	E	0.05	M	0.10				
4	ST-SPL	TCB	M 22* 65			0.02	I	0.02						
6	PR-SPL	PL	175* 18	770		1.62	E	0.81	M	1.62				
60	PR-SPL	TCB	M 22* 95			0.30	I	0.30						
LL1-JL1							E	1.68	H	0.79	I	0.46	L	0.37
							M	4.92						

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J28 JL1-JL2														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks		
1	D-SPL-U	PL	620* 9	2975		3.69	H	1.84	M	3.69				
1	D-SPL	PL	620* 14	223		0.28	G	0.14	M	0.28				
5	D-SPL	PL	620* 14	230		1.43	G	0.71	M	1.43				
4	D-SPL	PL	620* 14	80		0.40	G	0.20	M	0.40				
1	D-SPL	PL	620* 14	155		0.19	G	0.10	M	0.19				
64	D-SPL	TCB	M 22* 75			0.32	K	0.06	L	0.27				
128	D-SPL	HTB	M 22* 80			0.86	K	0.33	L	0.53				
10	UR-SPL-I	PL	155* 10	470		1.46	G	0.73	M	1.46				
60	UR-SPL-I	TCB	M 22* 65			0.30	K	0.30						
5	COV	PL	120* 6	460		0.55								
5	COV-I	RB	13 φ	280		0.06	C	0.06						
40	COV	BN	M 12* 35			0.06						1-W,HDG		
JL1-JL2							C	0.06	G	1.88	H	1.84	K	0.69
							L	0.80	M	7.45				

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J28 JL2-JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	D-SPL-U	PL	620* 9	980		1.22	H	0.61	M	1.22		
2	D-SPL-U	PL	620* 9	305		0.76	H	0.38	M	0.76		

Caluculation of Steel Primer

(Unit: mm,m²)

2	D-SPL	PL	620* 14	245	0.61	E	0.30	M	0.61				
2	D-SPL	PL	620* 14	230	0.57	E	0.29	M	0.57				
2	D-SPL	PL	620* 14	80	0.20	E	0.10	M	0.20				
48	D-SPL	TCB	M 22* 75		0.24	I	0.04	L	0.20				
48	D-SPL	HTB	M 22* 80		0.32	I	0.12	L	0.20				
4	UR-SPL-O	PL	155* 10	470	0.58	E	0.15	G	0.15	M	0.58		
24	UR-SPL-O	TCB	M 22* 65		0.12	I	0.10	K	0.02				
2	COV	PL	120* 6	460	0.22								
2	COV-O	RB	13 ϕ	280	0.02	A	0.02						
16	COV	BN	M 12* 35		0.02								1-W,HDG
2	PR-SPL	PL	175* 18	770	0.54	E	0.27	M	0.54				
20	PR-SPL	TCB	M 22* 95		0.10	I	0.10						
JL2-JL3						A	0.02	E	1.11	G	0.15	H	0.99
JL2-JL3						I	0.36	K	0.02	L	0.40	M	4.48

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J28 JL3-JL4													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	620* 9	2690	3.34	H	1.67	M	3.34				
2	D-SPL	PL	620* 14	155	0.38	G	0.19	M	0.38				
7	D-SPL	PL	620* 14	230	2.00	G	1.00	M	2.00				
104	D-SPL	TCB	M 22* 75		0.53	K	0.09	L	0.44				
96	D-SPL	HTB	M 22* 80		0.64	K	0.24	L	0.40				
8	UR-SPL-I	PL	155* 10	470	1.17	G	0.58	M	1.17				
48	UR-SPL-I	TCB	M 22* 65		0.24	K	0.24						
4	COV	PL	120* 6	460	0.44								
4	COV-I	RB	13 ϕ	280	0.05	C	0.05						
32	COV	BN	M 12* 35		0.04								1-W,HDG
JL3-JL4						C	0.05	G	1.77	H	1.67	K	0.57
JL3-JL4						L	0.84	M	6.89				

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J28 JL4-JL4A													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	620* 9	305	0.38	H	0.19	M	0.38				
1	D-SPL-U	PL	620* 9	1525	1.89	H	0.95	M	1.89				
1	D-SPL-U	PL	620* 9	290	0.36	H	0.18	M	0.36				
1	D-SPL	PL	620* 14	245	0.30	G	0.15	M	0.30				
3	D-SPL	PL	620* 14	230	0.86	G	0.43	M	0.86				
1	D-SPL	PL	620* 14	280	0.35	G	0.17	M	0.35				
2	D-SPL	PL	620* 14	213	0.53	G	0.26	M	0.53				
112	D-SPL	TCB	M 22* 75		0.57	K	0.10	L	0.47				

Caluculation of Steel Primer

(Unit: mm, m²)

24	D-SPL	HTB	M 22* 80			0.16	K	0.06	L	0.10							
2	UR-SPL-O	PL	155* 10	470		0.29	E	0.07	G	0.07	M	0.29					
12	UR-SPL-O	TCB	M 22* 65			0.06	I	0.05	K	0.01							
1	COV	PL	120* 6	460		0.11											
1	COV-O	RB	13 φ	280		0.01	A	0.01									
8	COV	BN	M 12* 35			0.01											1-W,HDG
8	PR-SPL	PL	175* 18	770		2.16	E	1.08	M	2.16							
80	PR-SPL	TCB	M 22* 95			0.40	I	0.40									
JL4-JL4A							A	0.01	E	1.15	G	1.08	H	1.32			
JL4-JL4A							I	0.45	K	0.17	L	0.57	M	7.12			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J28 JL4A-JL5																		
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area											Remarks
1	D-SPL-U	PL	620* 9	1429		1.77	H	0.89	M	1.77								
1	D-SPL-U	PL	620* 9	305		0.38	H	0.19	M	0.38								
2	D-SPL	PL	620* 14	165		0.41	E	0.20	M	0.41								
1	D-SPL	PL	620* 14	280		0.35	E	0.17	M	0.35								
2	D-SPL	PL	620* 14	230		0.57	E	0.29	M	0.57								
1	D-SPL	PL	620* 14	245		0.30	E	0.15	M	0.30								
96	D-SPL	TCB	M 22* 75			0.49	I	0.08	L	0.40								
24	D-SPL	HTB	M 22* 80			0.16	I	0.06	L	0.10								
2	UR-SPL-O	PL	155* 10	470		0.29	E	0.07	G	0.07	M	0.29						
12	UR-SPL-O	TCB	M 22* 65			0.06	I	0.05	K	0.01								
1	COV	PL	120* 6	460		0.11												
1	COV-O	RB	13 φ	280		0.01	A	0.01										
8	COV	BN	M 12* 35			0.01											1-W,HDG	
8	PR-SPL	PL	175* 18	770		2.16	E	1.08	M	2.16								
80	PR-SPL	TCB	M 22* 95			0.40	I	0.40										
JL4A-JL5							A	0.01	E	1.96	G	0.07	H	1.08				
JL4A-JL5							I	0.59	K	0.01	L	0.50	M	6.23				

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J28 JL5-JL6																		
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area											Remarks
1	D-SPL-U	PL	620* 9	2690		3.34	H	1.67	M	3.34								
2	D-SPL	PL	620* 14	155		0.38	G	0.19	M	0.38								
7	D-SPL	PL	620* 14	230		2.00	G	1.00	M	2.00								
104	D-SPL	TCB	M 22* 75			0.53	K	0.09	L	0.44								
96	D-SPL	HTB	M 22* 80			0.64	K	0.24	L	0.40								
8	UR-SPL-I	PL	155* 10	470		1.17	G	0.58	M	1.17								
48	UR-SPL-I	TCB	M 22* 65			0.24	K	0.24										

Caluculation of Steel Primer

(Unit: mm, m²)

4	COV	PL	120* 6	460	0.44														
4	COV-I	RB	13 φ	280	0.05	C	0.05												
32	COV	BN	M 12* 35		0.04														1-W,HDG
JL5-JL6						C	0.05	G	1.77	H	1.67	K	0.57						
						L	0.84	M	6.89										

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J28 JL6-JL7																			
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area										Remarks		
1	D-SPL-U	PL	620* 9	980		1.22	H	0.61	M	1.22									
2	D-SPL-U	PL	620* 9	305		0.76	H	0.38	M	0.76									
2	D-SPL	PL	620* 14	245		0.61	E	0.30	M	0.61									
2	D-SPL	PL	620* 14	230		0.57	E	0.29	M	0.57									
2	D-SPL	PL	620* 14	80		0.20	E	0.10	M	0.20									
48	D-SPL	TCB	M 22* 75			0.24	I	0.04	L	0.20									
48	D-SPL	HTB	M 22* 80			0.32	I	0.12	L	0.20									
4	UR-SPL-O	PL	155* 10	470		0.58	E	0.15	G	0.15	M	0.58							
24	UR-SPL-O	TCB	M 22* 65			0.12	I	0.10	K	0.02									
2	COV	PL	120* 6	460		0.22													
2	COV-O	RB	13 φ	280		0.02	A	0.02											
16	COV	BN	M 12* 35			0.02													1-W,HDG
2	PR-SPL	PL	175* 18	770		0.54	E	0.27	M	0.54									
20	PR-SPL	TCB	M 22* 95			0.10	I	0.10											
JL6-JL7						A	0.02	E	1.11	G	0.15	H	0.99						
						I	0.36	K	0.02	L	0.40	M	4.48						

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J28 JL7-JL8																			
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area										Remarks		
1	D-SPL-U	PL	620* 9	2975		3.69	H	1.84	M	3.69									
1	D-SPL	PL	620* 14	223		0.28	G	0.14	M	0.28									
5	D-SPL	PL	620* 14	230		1.43	G	0.71	M	1.43									
4	D-SPL	PL	620* 14	80		0.40	G	0.20	M	0.40									
1	D-SPL	PL	620* 14	155		0.19	G	0.10	M	0.19									
64	D-SPL	TCB	M 22* 75			0.32	K	0.06	L	0.27									
128	D-SPL	HTB	M 22* 80			0.86	K	0.33	L	0.53									
10	UR-SPL-I	PL	155* 10	470		1.46	G	0.73	M	1.46									
60	UR-SPL-I	TCB	M 22* 65			0.30	K	0.30											
5	COV	PL	120* 6	460		0.55													
5	COV-I	RB	13 φ	280		0.06	C	0.06											
40	COV	BN	M 12* 35			0.06													1-W,HDG

Caluculation of Steel Primer

(Unit: mm,m²)

JL7-JL8				C	0.06	G	1.88	H	1.84	K	0.69
				L	0.80	M	7.45				

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J28 JL8-RR1														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks		
1	D-SPL-U	PL	620* 9	970		1.20	H	0.60	M	1.20				
1	D-SPL-U	PL	620* 9	305		0.38	H	0.19	M	0.38				
1	D-SPL	PL	620* 14	270		0.33	E	0.17	M	0.33				
2	D-SPL	PL	620* 14	250		0.62	E	0.31	M	0.62				
1	D-SPL	PL	620* 14	245		0.30	E	0.15	M	0.30				
88	D-SPL	TCB	M 22* 75			0.45	I	0.08	L	0.37				
1	ST-SPL	PL	255* 9	320		0.16	E	0.08	M	0.16				
1	ST-SPL	PL	335* 16	320		0.21	E	0.11	M	0.21				
12	ST-SPL	TCB	M 22* 70			0.06	I	0.06						
2	ST-SPL	PL	80* 9	320		0.10	E	0.05	M	0.10				
4	ST-SPL	TCB	M 22* 65			0.02	I	0.02						
6	PR-SPL	PL	175* 18	770		1.62	E	0.81	M	1.62				
60	PR-SPL	TCB	M 22* 95			0.30	I	0.30						
JL8-RR1							E	1.68	H	0.79	I	0.46	L	0.37
							M	4.92						
J28							A	0.06	C	0.22	E	8.69	G	8.75
							H	12.98	I	2.68	K	2.74	L	5.89
							M	60.83						

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J29 LL1-JL1														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks		
1	D-SPL-U	PL	620* 9	970		1.20	H	0.60	M	1.20				
1	D-SPL-U	PL	620* 9	305		0.38	H	0.19	M	0.38				
1	D-SPL	PL	620* 14	270		0.33	E	0.17	M	0.33				
2	D-SPL	PL	620* 14	250		0.62	E	0.31	M	0.62				
1	D-SPL	PL	620* 14	245		0.30	E	0.15	M	0.30				
88	D-SPL	TCB	M 22* 75			0.45	I	0.08	L	0.37				
1	ST-SPL	PL	255* 9	320		0.16	E	0.08	M	0.16				
1	ST-SPL	PL	335* 16	320		0.21	E	0.11	M	0.21				
12	ST-SPL	TCB	M 22* 70			0.06	I	0.06						
2	ST-SPL	PL	80* 9	320		0.10	E	0.05	M	0.10				
4	ST-SPL	TCB	M 22* 65			0.02	I	0.02						
6	PR-SPL	PL	175* 18	770		1.62	E	0.81	M	1.62				
60	PR-SPL	TCB	M 22* 95			0.30	I	0.30						
LL1-JL1							E	1.68	H	0.79	I	0.46	L	0.37
							M	4.92						

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J29 JL1-JL2														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks		
1	D-SPL-U	PL	620* 9	2975		3.69	H	1.84	M	3.69				
1	D-SPL	PL	620* 14	223		0.28	G	0.14	M	0.28				
5	D-SPL	PL	620* 14	230		1.43	G	0.71	M	1.43				
4	D-SPL	PL	620* 14	80		0.40	G	0.20	M	0.40				
1	D-SPL	PL	620* 14	155		0.19	G	0.10	M	0.19				
64	D-SPL	TCB	M 22* 75			0.32	K	0.06	L	0.27				
128	D-SPL	HTB	M 22* 80			0.86	K	0.33	L	0.53				
10	UR-SPL-I	PL	155* 10	470		1.46	G	0.73	M	1.46				
60	UR-SPL-I	TCB	M 22* 65			0.30	K	0.30						
5	COV	PL	120* 6	460		0.55								
5	COV-I	RB	13 φ	280		0.06	C	0.06						
40	COV	BN	M 12* 35			0.06						1-W,HDG		
JL1-JL2							C	0.06	G	1.88	H	1.84	K	0.69
							L	0.80	M	7.45				

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J29 JL2-JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	D-SPL-U	PL	620* 9	980		1.22	H	0.61	M	1.22		
2	D-SPL-U	PL	620* 9	305		0.76	H	0.38	M	0.76		

Caluculation of Steel Primer

(Unit: mm,m²)

2	D-SPL	PL	620* 14	245	0.61	E	0.30	M	0.61				
2	D-SPL	PL	620* 14	230	0.57	E	0.29	M	0.57				
2	D-SPL	PL	620* 14	80	0.20	E	0.10	M	0.20				
48	D-SPL	TCB	M 22* 75		0.24	I	0.04	L	0.20				
48	D-SPL	HTB	M 22* 80		0.32	I	0.12	L	0.20				
4	UR-SPL-O	PL	155* 10	470	0.58	E	0.15	G	0.15	M	0.58		
24	UR-SPL-O	TCB	M 22* 65		0.12	I	0.10	K	0.02				
2	COV	PL	120* 6	460	0.22								
2	COV-O	RB	13 ϕ	280	0.02	A	0.02						
16	COV	BN	M 12* 35		0.02								1-W,HDG
2	PR-SPL	PL	175* 18	770	0.54	E	0.27	M	0.54				
20	PR-SPL	TCB	M 22* 95		0.10	I	0.10						
JL2-JL3						A	0.02	E	1.11	G	0.15	H	0.99
						I	0.36	K	0.02	L	0.40	M	4.48

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J29 JL3-JL4													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	620* 9	2690	3.34	H	1.67	M	3.34				
2	D-SPL	PL	620* 14	155	0.38	G	0.19	M	0.38				
7	D-SPL	PL	620* 14	230	2.00	G	1.00	M	2.00				
104	D-SPL	TCB	M 22* 75		0.53	K	0.09	L	0.44				
96	D-SPL	HTB	M 22* 80		0.64	K	0.24	L	0.40				
8	UR-SPL-I	PL	155* 10	470	1.17	G	0.58	M	1.17				
48	UR-SPL-I	TCB	M 22* 65		0.24	K	0.24						
4	COV	PL	120* 6	460	0.44								
4	COV-I	RB	13 ϕ	280	0.05	C	0.05						
32	COV	BN	M 12* 35		0.04								1-W,HDG
JL3-JL4						C	0.05	G	1.77	H	1.67	K	0.57
						L	0.84	M	6.89				

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J29 JL4-JL4A													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	620* 9	305	0.38	H	0.19	M	0.38				
1	D-SPL-U	PL	620* 9	1691	2.10	H	1.05	M	2.10				
1	D-SPL-U	PL	620* 9	290	0.36	H	0.18	M	0.36				
1	D-SPL	PL	620* 14	245	0.30	G	0.15	M	0.30				
3	D-SPL	PL	620* 14	230	0.86	G	0.43	M	0.86				
2	D-SPL	PL	620* 14	280	0.69	G	0.35	M	0.69				
1	D-SPL	PL	620* 14	310	0.38	G	0.19	M	0.38				
136	D-SPL	TCB	M 22* 75		0.69	K	0.12	L	0.57				

Caluculation of Steel Primer

(Unit: mm, m²)

24	D-SPL	HTB	M 22* 80			0.16	K	0.06	L	0.10					
2	UR-SPL-O	PL	155* 10	470		0.29	E	0.07	G	0.07	M	0.29			
12	UR-SPL-O	TCB	M 22* 65			0.06	I	0.05	K	0.01					
1	COV	PL	120* 6	460		0.11									
1	COV-O	RB	13 φ	280		0.01	A	0.01							
8	COV	BN	M 12* 35			0.01									1-W,HDG
8	PR-SPL	PL	175* 18	770		2.16	E	1.08	M	2.16					
80	PR-SPL	TCB	M 22* 95			0.40	I	0.40							
JL4-JL4A							A	0.01	E	1.15	G	1.19	H	1.42	
							I	0.45	K	0.19	L	0.67	M	7.52	

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J29 JL4A-JL5															
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area								Remarks
1	D-SPL-U	PL	620* 9	1620		2.01	H	1.00	M	2.01					
1	D-SPL-U	PL	620* 9	305		0.38	H	0.19	M	0.38					
1	D-SPL-U	PL	620* 9	252		0.31	H	0.16	M	0.31					
1	D-SPL	PL	620* 14	268		0.33	E	0.17	M	0.33					
1	D-SPL	PL	620* 14	280		0.35	E	0.17	M	0.35					
2	D-SPL	PL	620* 14	230		0.57	E	0.29	M	0.57					
1	D-SPL	PL	620* 14	245		0.30	E	0.15	M	0.30					
112	D-SPL	TCB	M 22* 75			0.57	I	0.10	L	0.47					
24	D-SPL	HTB	M 22* 80			0.16	I	0.06	L	0.10					
2	UR-SPL-O	PL	155* 10	470		0.29	E	0.07	G	0.07	M	0.29			
12	UR-SPL-O	TCB	M 22* 65			0.06	I	0.05	K	0.01					
1	COV	PL	120* 6	460		0.11									
1	COV-O	RB	13 φ	280		0.01	A	0.01							
8	COV	BN	M 12* 35			0.01									1-W,HDG
8	PR-SPL	PL	175* 18	770		2.16	E	1.08	M	2.16					
80	PR-SPL	TCB	M 22* 95			0.40	I	0.40							
JL4A-JL5							A	0.01	E	1.93	G	0.07	H	1.35	
							I	0.61	K	0.01	L	0.57	M	6.70	

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J29 JL5-JL6															
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area								Remarks
1	D-SPL-U	PL	620* 9	2690		3.34	H	1.67	M	3.34					
2	D-SPL	PL	620* 14	155		0.38	G	0.19	M	0.38					
7	D-SPL	PL	620* 14	230		2.00	G	1.00	M	2.00					
104	D-SPL	TCB	M 22* 75			0.53	K	0.09	L	0.44					
96	D-SPL	HTB	M 22* 80			0.64	K	0.24	L	0.40					
8	UR-SPL-I	PL	155* 10	470		1.17	G	0.58	M	1.17					

Caluculation of Steel Primer

(Unit: mm, m²)

48	UR-SPL-I	TCB	M 22* 65			0.24	K	0.24											
4	COV	PL	120* 6	460		0.44													
4	COV-I	RB	13 φ	280		0.05	C	0.05											
32	COV	BN	M 12* 35			0.04													1-W,HDG
JL5-JL6							C	0.05	G	1.77	H	1.67	K	0.57					
							L	0.84	M	6.89									

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J29 JL6-JL7																			
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area												Remarks
1	D-SPL-U	PL	620* 9	980		1.22	H	0.61	M	1.22									
2	D-SPL-U	PL	620* 9	305		0.76	H	0.38	M	0.76									
2	D-SPL	PL	620* 14	245		0.61	E	0.30	M	0.61									
2	D-SPL	PL	620* 14	230		0.57	E	0.29	M	0.57									
2	D-SPL	PL	620* 14	80		0.20	E	0.10	M	0.20									
48	D-SPL	TCB	M 22* 75			0.24	I	0.04	L	0.20									
48	D-SPL	HTB	M 22* 80			0.32	I	0.12	L	0.20									
4	UR-SPL-O	PL	155* 10	470		0.58	E	0.15	G	0.15	M	0.58							
24	UR-SPL-O	TCB	M 22* 65			0.12	I	0.10	K	0.02									
2	COV	PL	120* 6	460		0.22													
2	COV-O	RB	13 φ	280		0.02	A	0.02											
16	COV	BN	M 12* 35			0.02													1-W,HDG
2	PR-SPL	PL	175* 18	770		0.54	E	0.27	M	0.54									
20	PR-SPL	TCB	M 22* 95			0.10	I	0.10											
JL6-JL7							A	0.02	E	1.11	G	0.15	H	0.99					
							I	0.36	K	0.02	L	0.40	M	4.48					

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J29 JL7-JL8																			
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area												Remarks
1	D-SPL-U	PL	620* 9	2975		3.69	H	1.84	M	3.69									
1	D-SPL	PL	620* 14	223		0.28	G	0.14	M	0.28									
5	D-SPL	PL	620* 14	230		1.43	G	0.71	M	1.43									
4	D-SPL	PL	620* 14	80		0.40	G	0.20	M	0.40									
1	D-SPL	PL	620* 14	155		0.19	G	0.10	M	0.19									
64	D-SPL	TCB	M 22* 75			0.32	K	0.06	L	0.27									
128	D-SPL	HTB	M 22* 80			0.86	K	0.33	L	0.53									
10	UR-SPL-I	PL	155* 10	470		1.46	G	0.73	M	1.46									
60	UR-SPL-I	TCB	M 22* 65			0.30	K	0.30											
5	COV	PL	120* 6	460		0.55													
5	COV-I	RB	13 φ	280		0.06	C	0.06											
40	COV	BN	M 12* 35			0.06													1-W,HDG

Caluculation of Steel Primer

(Unit: mm,m²)

JL7-JL8					C	0.06	G	1.88	H	1.84	K	0.69
					L	0.80	M	7.45				

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J29 JL8-RR1

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	620* 9	970		1.20	H	0.60	M	1.20				
1	D-SPL-U	PL	620* 9	305		0.38	H	0.19	M	0.38				
1	D-SPL	PL	620* 14	270		0.33	E	0.17	M	0.33				
2	D-SPL	PL	620* 14	250		0.62	E	0.31	M	0.62				
1	D-SPL	PL	620* 14	245		0.30	E	0.15	M	0.30				
88	D-SPL	TCB	M 22* 75			0.45	I	0.08	L	0.37				
1	ST-SPL	PL	255* 9	320		0.16	E	0.08	M	0.16				
1	ST-SPL	PL	335* 16	320		0.21	E	0.11	M	0.21				
12	ST-SPL	TCB	M 22* 70			0.06	I	0.06						
2	ST-SPL	PL	80* 9	320		0.10	E	0.05	M	0.10				
4	ST-SPL	TCB	M 22* 65			0.02	I	0.02						
6	PR-SPL	PL	175* 18	770		1.62	E	0.81	M	1.62				
60	PR-SPL	TCB	M 22* 95			0.30	I	0.30						

JL8-RR1					E	1.68	H	0.79	I	0.46	L	0.37
					M	4.92						
J29					A	0.06	C	0.22	E	8.66	G	8.86
					H	13.35	I	2.70	K	2.76	L	6.06
					M	61.70						

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J30 LL1-JL1														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks		
1	D-SPL-U	PL	620* 9	970		1.20	H	0.60	M	1.20				
1	D-SPL-U	PL	620* 9	305		0.38	H	0.19	M	0.38				
1	D-SPL	PL	620* 14	270		0.33	E	0.17	M	0.33				
2	D-SPL	PL	620* 14	250		0.62	E	0.31	M	0.62				
1	D-SPL	PL	620* 14	245		0.30	E	0.15	M	0.30				
88	D-SPL	TCB	M 22* 75			0.45	I	0.08	L	0.37				
1	ST-SPL	PL	255* 9	320		0.16	E	0.08	M	0.16				
1	ST-SPL	PL	335* 16	320		0.21	E	0.11	M	0.21				
12	ST-SPL	TCB	M 22* 70			0.06	I	0.06						
2	ST-SPL	PL	80* 9	320		0.10	E	0.05	M	0.10				
4	ST-SPL	TCB	M 22* 65			0.02	I	0.02						
6	PR-SPL	PL	175* 18	770		1.62	E	0.81	M	1.62				
60	PR-SPL	TCB	M 22* 95			0.30	I	0.30						
LL1-JL1							E	1.68	H	0.79	I	0.46	L	0.37
							M	4.92						

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J30 JL1-JL2														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks		
1	D-SPL-U	PL	620* 9	2975		3.69	H	1.84	M	3.69				
1	D-SPL	PL	620* 14	223		0.28	G	0.14	M	0.28				
5	D-SPL	PL	620* 14	230		1.43	G	0.71	M	1.43				
4	D-SPL	PL	620* 14	80		0.40	G	0.20	M	0.40				
1	D-SPL	PL	620* 14	155		0.19	G	0.10	M	0.19				
64	D-SPL	TCB	M 22* 75			0.32	K	0.06	L	0.27				
128	D-SPL	HTB	M 22* 80			0.86	K	0.33	L	0.53				
10	UR-SPL-I	PL	155* 10	470		1.46	G	0.73	M	1.46				
60	UR-SPL-I	TCB	M 22* 65			0.30	K	0.30						
5	COV	PL	120* 6	460		0.55								
5	COV-I	RB	13 φ	280		0.06	C	0.06						
40	COV	BN	M 12* 35			0.06						1-W,HDG		
JL1-JL2							C	0.06	G	1.88	H	1.84	K	0.69
							L	0.80	M	7.45				

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J30 JL2-JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	D-SPL-U	PL	620* 9	980		1.22	H	0.61	M	1.22		
2	D-SPL-U	PL	620* 9	305		0.76	H	0.38	M	0.76		

Caluculation of Steel Primer

(Unit: mm,m²)

2	D-SPL	PL	620* 14	245	0.61	E	0.30	M	0.61				
2	D-SPL	PL	620* 14	230	0.57	E	0.29	M	0.57				
2	D-SPL	PL	620* 14	80	0.20	E	0.10	M	0.20				
48	D-SPL	TCB	M 22* 75		0.24	I	0.04	L	0.20				
48	D-SPL	HTB	M 22* 80		0.32	I	0.12	L	0.20				
4	UR-SPL-O	PL	155* 10	470	0.58	E	0.15	G	0.15	M	0.58		
24	UR-SPL-O	TCB	M 22* 65		0.12	I	0.10	K	0.02				
2	COV	PL	120* 6	460	0.22								
2	COV-O	RB	13 ϕ	280	0.02	A	0.02						
16	COV	BN	M 12* 35		0.02								1-W,HDG
2	PR-SPL	PL	175* 18	770	0.54	E	0.27	M	0.54				
20	PR-SPL	TCB	M 22* 95		0.10	I	0.10						
JL2-JL3						A	0.02	E	1.11	G	0.15	H	0.99
JL2-JL3						I	0.36	K	0.02	L	0.40	M	4.48

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J30 JL3-JL4													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	620* 9	2690	3.34	H	1.67	M	3.34				
2	D-SPL	PL	620* 14	155	0.38	G	0.19	M	0.38				
7	D-SPL	PL	620* 14	230	2.00	G	1.00	M	2.00				
104	D-SPL	TCB	M 22* 75		0.53	K	0.09	L	0.44				
96	D-SPL	HTB	M 22* 80		0.64	K	0.24	L	0.40				
8	UR-SPL-I	PL	155* 10	470	1.17	G	0.58	M	1.17				
48	UR-SPL-I	TCB	M 22* 65		0.24	K	0.24						
4	COV	PL	120* 6	460	0.44								
4	COV-I	RB	13 ϕ	280	0.05	C	0.05						
32	COV	BN	M 12* 35		0.04								1-W,HDG
JL3-JL4						C	0.05	G	1.77	H	1.67	K	0.57
JL3-JL4						L	0.84	M	6.89				

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J30 JL4-JL4A													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	620* 9	305	0.38	H	0.19	M	0.38				
1	D-SPL-U	PL	620* 9	1918	2.38	H	1.19	M	2.38				
1	D-SPL-U	PL	620* 9	290	0.36	H	0.18	M	0.36				
1	D-SPL	PL	620* 14	245	0.30	G	0.15	M	0.30				
3	D-SPL	PL	620* 14	230	0.86	G	0.43	M	0.86				
2	D-SPL	PL	620* 14	280	0.69	G	0.35	M	0.69				
2	D-SPL	PL	620* 14	234	0.58	G	0.29	M	0.58				
152	D-SPL	TCB	M 22* 75		0.77	K	0.13	L	0.64				

Caluculation of Steel Primer

(Unit: mm, m²)

24	D-SPL	HTB	M 22* 80			0.16	K	0.06	L	0.10							
2	UR-SPL-O	PL	155* 10	470		0.29	E	0.07	G	0.07	M	0.29					
12	UR-SPL-O	TCB	M 22* 65			0.06	I	0.05	K	0.01							
1	COV	PL	120* 6	460		0.11											
1	COV-O	RB	13 φ	280		0.01	A	0.01									
8	COV	BN	M 12* 35			0.01											1-W,HDG
10	PR-SPL	PL	175* 18	770		2.70	E	1.35	M	2.70							
100	PR-SPL	TCB	M 22* 95			0.51	I	0.51									
JL4-JL4A							A	0.01	E	1.42	G	1.29	H	1.56			
JL4-JL4A							I	0.56	K	0.20	L	0.74	M	8.54			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J30 JL4A-JL5																		
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area											Remarks
1	D-SPL-U	PL	620* 9	1814		2.25	H	1.12	M	2.25								
1	D-SPL-U	PL	620* 9	305		0.38	H	0.19	M	0.38								
2	D-SPL-U	PL	620* 9	182		0.45	H	0.23	M	0.45								
2	D-SPL	PL	620* 14	280		0.69	E	0.35	M	0.69								
2	D-SPL	PL	620* 14	230		0.57	E	0.29	M	0.57								
1	D-SPL	PL	620* 14	245		0.30	E	0.15	M	0.30								
120	D-SPL	TCB	M 22* 75			0.61	I	0.10	L	0.50								
24	D-SPL	HTB	M 22* 80			0.16	I	0.06	L	0.10								
2	UR-SPL-O	PL	155* 10	470		0.29	E	0.07	G	0.07	M	0.29						
12	UR-SPL-O	TCB	M 22* 65			0.06	I	0.05	K	0.01								
1	COV	PL	120* 6	460		0.11												
1	COV-O	RB	13 φ	280		0.01	A	0.01										
8	COV	BN	M 12* 35			0.01											1-W,HDG	
12	PR-SPL	PL	175* 18	770		3.23	E	1.62	M	3.23								
120	PR-SPL	TCB	M 22* 95			0.61	I	0.61										
JL4A-JL5							A	0.01	E	2.48	G	0.07	H	1.54				
JL4A-JL5							I	0.82	K	0.01	L	0.60	M	8.16				

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J30 JL5-JL6																		
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area											Remarks
1	D-SPL-U	PL	620* 9	2690		3.34	H	1.67	M	3.34								
2	D-SPL	PL	620* 14	155		0.38	G	0.19	M	0.38								
7	D-SPL	PL	620* 14	230		2.00	G	1.00	M	2.00								
104	D-SPL	TCB	M 22* 75			0.53	K	0.09	L	0.44								
96	D-SPL	HTB	M 22* 80			0.64	K	0.24	L	0.40								
8	UR-SPL-I	PL	155* 10	470		1.17	G	0.58	M	1.17								
48	UR-SPL-I	TCB	M 22* 65			0.24	K	0.24										

Caluculation of Steel Primer

(Unit: mm, m²)

4	COV	PL	120* 6	460	0.44														
4	COV-I	RB	13 φ	280	0.05	C	0.05												
32	COV	BN	M 12* 35		0.04														1-W,HDG
JL5-JL6						C	0.05	G	1.77	H	1.67	K	0.57						
						L	0.84	M	6.89										

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J30 JL6-JL7																			
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area										Remarks		
1	D-SPL-U	PL	620* 9	980		1.22	H	0.61	M	1.22									
2	D-SPL-U	PL	620* 9	305		0.76	H	0.38	M	0.76									
2	D-SPL	PL	620* 14	245		0.61	E	0.30	M	0.61									
2	D-SPL	PL	620* 14	230		0.57	E	0.29	M	0.57									
2	D-SPL	PL	620* 14	80		0.20	E	0.10	M	0.20									
48	D-SPL	TCB	M 22* 75			0.24	I	0.04	L	0.20									
48	D-SPL	HTB	M 22* 80			0.32	I	0.12	L	0.20									
4	UR-SPL-O	PL	155* 10	470		0.58	E	0.15	G	0.15	M	0.58							
24	UR-SPL-O	TCB	M 22* 65			0.12	I	0.10	K	0.02									
2	COV	PL	120* 6	460		0.22													
2	COV-O	RB	13 φ	280		0.02	A	0.02											
16	COV	BN	M 12* 35			0.02													1-W,HDG
2	PR-SPL	PL	175* 18	770		0.54	E	0.27	M	0.54									
20	PR-SPL	TCB	M 22* 95			0.10	I	0.10											
JL6-JL7						A	0.02	E	1.11	G	0.15	H	0.99						
						I	0.36	K	0.02	L	0.40	M	4.48						

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J30 JL7-JL8																			
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area										Remarks		
1	D-SPL-U	PL	620* 9	2975		3.69	H	1.84	M	3.69									
1	D-SPL	PL	620* 14	223		0.28	G	0.14	M	0.28									
5	D-SPL	PL	620* 14	230		1.43	G	0.71	M	1.43									
4	D-SPL	PL	620* 14	80		0.40	G	0.20	M	0.40									
1	D-SPL	PL	620* 14	155		0.19	G	0.10	M	0.19									
64	D-SPL	TCB	M 22* 75			0.32	K	0.06	L	0.27									
128	D-SPL	HTB	M 22* 80			0.86	K	0.33	L	0.53									
10	UR-SPL-I	PL	155* 10	470		1.46	G	0.73	M	1.46									
60	UR-SPL-I	TCB	M 22* 65			0.30	K	0.30											
5	COV	PL	120* 6	460		0.55													
5	COV-I	RB	13 φ	280		0.06	C	0.06											
40	COV	BN	M 12* 35			0.06													1-W,HDG

Caluculation of Steel Primer

(Unit: mm,m²)

JL7-JL8		C	0.06	G	1.88	H	1.84	K	0.69
		L	0.80	M	7.45				

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J30 JL8-RR1														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
1	D-SPL-U	PL	620* 9	970		1.20	H	0.60	M	1.20				
1	D-SPL-U	PL	620* 9	305		0.38	H	0.19	M	0.38				
1	D-SPL	PL	620* 14	270		0.33	E	0.17	M	0.33				
2	D-SPL	PL	620* 14	250		0.62	E	0.31	M	0.62				
1	D-SPL	PL	620* 14	245		0.30	E	0.15	M	0.30				
88	D-SPL	TCB	M 22* 75			0.45	I	0.08	L	0.37				
1	ST-SPL	PL	255* 9	320		0.16	E	0.08	M	0.16				
1	ST-SPL	PL	335* 16	320		0.21	E	0.11	M	0.21				
12	ST-SPL	TCB	M 22* 70			0.06	I	0.06						
2	ST-SPL	PL	80* 9	320		0.10	E	0.05	M	0.10				
4	ST-SPL	TCB	M 22* 65			0.02	I	0.02						
6	PR-SPL	PL	175* 18	770		1.62	E	0.81	M	1.62				
60	PR-SPL	TCB	M 22* 95			0.30	I	0.30						
JL8-RR1														
							E	1.68	H	0.79	I	0.46	L	0.37
							M	4.92						
J30														
							A	0.06	C	0.22	E	9.48	G	8.96
							H	13.68	I	3.02	K	2.77	L	6.16
							M	64.18						

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J31 LL1-JL1														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	470* 9	970		0.91	H	0.46	M	0.91				
1	D-SPL-U	PL	470* 9	305		0.29	H	0.14	M	0.29				
1	D-SPL	PL	470* 14	270		0.25	E	0.13	M	0.25				
2	D-SPL	PL	470* 14	250		0.47	E	0.24	M	0.47				
1	D-SPL	PL	470* 14	245		0.23	E	0.12	M	0.23				
66	D-SPL	TCB	M 22* 75			0.33	I	0.06	L	0.28				
1	ST-SPL	PL	255* 9	320		0.16	E	0.08	M	0.16				
1	ST-SPL	PL	335* 16	320		0.21	E	0.11	M	0.21				
12	ST-SPL	TCB	M 22* 70			0.06	I	0.06						
2	ST-SPL	PL	80* 9	320		0.10	E	0.05	M	0.10				
4	ST-SPL	TCB	M 22* 65			0.02	I	0.02						
6	PR-SPL	PL	175* 18	620		1.30	E	0.65	M	1.30				
48	PR-SPL	TCB	M 22* 95			0.24	I	0.24						
LL1-JL1							E	1.38	H	0.60	I	0.38	L	0.28
							M	3.92						

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J31 JL1-JL2														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	470* 9	2975		2.80	H	1.40	M	2.80				
1	D-SPL	PL	470* 14	223		0.21	G	0.10	M	0.21				
5	D-SPL	PL	470* 14	230		1.08	G	0.54	M	1.08				
4	D-SPL	PL	470* 14	80		0.30	G	0.15	M	0.30				
1	D-SPL	PL	470* 14	155		0.15	G	0.07	M	0.15				
48	D-SPL	TCB	M 22* 75			0.24	K	0.04	L	0.20				
96	D-SPL	HTB	M 22* 80			0.64	K	0.24	L	0.40				
10	UR-SPL-I	PL	155* 10	320		0.99	G	0.50	M	0.99				
40	UR-SPL-I	TCB	M 22* 65			0.20	K	0.20						
5	COV	PL	120* 6	460		0.55								
5	COV-I	RB	13 ϕ	280		0.06	C	0.06						
40	COV	BN	M 12* 35			0.06							1-W,HDG	
JL1-JL2							C	0.06	G	1.36	H	1.40	K	0.48
							L	0.60	M	5.53				

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J31 JL2-JL3													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	470* 9	980		0.92	H	0.46	M	0.92			
2	D-SPL-U	PL	470* 9	305		0.57	H	0.29	M	0.57			

Caluculation of Steel Primer

(Unit: mm,m²)

2	D-SPL	PL	470* 14	245	0.46	E	0.23	M	0.46				
2	D-SPL	PL	470* 14	230	0.43	E	0.22	M	0.43				
2	D-SPL	PL	470* 14	80	0.15	E	0.08	M	0.15				
36	D-SPL	TCB	M 22* 75		0.18	I	0.03	L	0.15				
36	D-SPL	HTB	M 22* 80		0.24	I	0.09	L	0.15				
4	UR-SPL-O	PL	155* 10	320	0.40	E	0.10	G	0.10	M	0.40		
16	UR-SPL-O	TCB	M 22* 65		0.08	I	0.07	K	0.01				
2	COV	PL	120* 6	460	0.22								
2	COV-O	RB	13 ϕ	280	0.02	A	0.02						
16	COV	BN	M 12* 35		0.02								1-W,HDG
2	PR-SPL	PL	175* 18	620	0.43	E	0.22	M	0.43				
16	PR-SPL	TCB	M 22* 95		0.08	I	0.08						
JL2-JL3						A	0.02	E	0.85	G	0.10	H	0.75
						I	0.27	K	0.01	L	0.30	M	3.36

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J31 JL3-JL4													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	470* 9	2690	2.53	H	1.26	M	2.53				
2	D-SPL	PL	470* 14	155	0.29	G	0.15	M	0.29				
7	D-SPL	PL	470* 14	230	1.51	G	0.76	M	1.51				
78	D-SPL	TCB	M 22* 75		0.39	K	0.07	L	0.33				
72	D-SPL	HTB	M 22* 80		0.48	K	0.18	L	0.30				
8	UR-SPL-I	PL	155* 10	320	0.79	G	0.40	M	0.79				
32	UR-SPL-I	TCB	M 22* 65		0.16	K	0.16						
4	COV	PL	120* 6	460	0.44								
4	COV-I	RB	13 ϕ	280	0.05	C	0.05						
32	COV	BN	M 12* 35		0.04								1-W,HDG
JL3-JL4						C	0.05	G	1.31	H	1.26	K	0.41
						L	0.63	M	5.12				

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J31 JL4-JL4A													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	470* 9	305	0.29	H	0.14	M	0.29				
1	D-SPL-U	PL	470* 9	2173	2.04	H	1.02	M	2.04				
1	D-SPL-U	PL	470* 9	290	0.27	H	0.14	M	0.27				
1	D-SPL	PL	470* 14	245	0.23	G	0.12	M	0.23				
3	D-SPL	PL	470* 14	230	0.65	G	0.32	M	0.65				
3	D-SPL	PL	470* 14	280	0.79	G	0.39	M	0.79				
2	D-SPL	PL	470* 14	186	0.35	G	0.17	M	0.35				
120	D-SPL	TCB	M 22* 75		0.61	K	0.10	L	0.50				

Caluculation of Steel Primer

(Unit: mm, m²)

18	D-SPL	HTB	M 22* 80			0.12	K	0.05	L	0.07							
2	UR-SPL-O	PL	155* 10	320		0.20	E	0.05	G	0.05	M	0.20					
8	UR-SPL-O	TCB	M 22* 65			0.04	I	0.03	K	0.01							
1	COV	PL	120* 6	460		0.11											
1	COV-O	RB	13 φ	280		0.01	A	0.01									
8	COV	BN	M 12* 35			0.01											1-W,HDG
12	PR-SPL	PL	175* 18	620		2.60	E	1.30	M	2.60							
96	PR-SPL	TCB	M 22* 95			0.49	I	0.49									
JL4-JL4A							A	0.01	E	1.35	G	1.05	H	1.30			
JL4-JL4A							I	0.52	K	0.16	L	0.57	M	7.42			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J31 JL4A-JL5																	
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area										Remarks
1	D-SPL-U	PL	470* 9	1969		1.85	H	0.93	M	1.85							
1	D-SPL-U	PL	470* 9	305		0.29	H	0.14	M	0.29							
2	D-SPL	PL	470* 14	259		0.49	E	0.24	M	0.49							
2	D-SPL	PL	470* 14	280		0.53	E	0.26	M	0.53							
2	D-SPL	PL	470* 14	230		0.43	E	0.22	M	0.43							
1	D-SPL	PL	470* 14	245		0.23	E	0.12	M	0.23							
102	D-SPL	TCB	M 22* 75			0.52	I	0.09	L	0.43							
18	D-SPL	HTB	M 22* 80			0.12	I	0.05	L	0.07							
2	UR-SPL-O	PL	155* 10	320		0.20	E	0.05	G	0.05	M	0.20					
8	UR-SPL-O	TCB	M 22* 65			0.04	I	0.03	K	0.01							
1	COV	PL	120* 6	460		0.11											
1	COV-O	RB	13 φ	280		0.01	A	0.01									
8	COV	BN	M 12* 35			0.01											1-W,HDG
12	PR-SPL	PL	175* 18	620		2.60	E	1.30	M	2.60							
96	PR-SPL	TCB	M 22* 95			0.49	I	0.49									
JL4A-JL5							A	0.01	E	2.19	G	0.05	H	1.07			
JL4A-JL5							I	0.66	K	0.01	L	0.50	M	6.62			

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J31 JL5-JL6																	
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area										Remarks
1	D-SPL-U	PL	470* 9	2690		2.53	H	1.26	M	2.53							
2	D-SPL	PL	470* 14	155		0.29	G	0.15	M	0.29							
7	D-SPL	PL	470* 14	230		1.51	G	0.76	M	1.51							
78	D-SPL	TCB	M 22* 75			0.39	K	0.07	L	0.33							
72	D-SPL	HTB	M 22* 80			0.48	K	0.18	L	0.30							
8	UR-SPL-I	PL	155* 10	320		0.79	G	0.40	M	0.79							
32	UR-SPL-I	TCB	M 22* 65			0.16	K	0.16									

Caluculation of Steel Primer

(Unit: mm, m²)

4	COV	PL	120* 6	460	0.44													
4	COV-I	RB	13 φ	280	0.05	C	0.05											
32	COV	BN	M 12* 35		0.04													1-W,HDG
JL5-JL6						C	0.05	G	1.31	H	1.26	K	0.41					
						L	0.63	M	5.12									

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J31 JL6-JL7																		
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area											Remarks
1	D-SPL-U	PL	470* 9	980	0.92		H	0.46	M	0.92								
2	D-SPL-U	PL	470* 9	305	0.57		H	0.29	M	0.57								
2	D-SPL	PL	470* 14	245	0.46		E	0.23	M	0.46								
2	D-SPL	PL	470* 14	230	0.43		E	0.22	M	0.43								
2	D-SPL	PL	470* 14	80	0.15		E	0.08	M	0.15								
36	D-SPL	TCB	M 22* 75		0.18		I	0.03	L	0.15								
36	D-SPL	HTB	M 22* 80		0.24		I	0.09	L	0.15								
4	UR-SPL-O	PL	155* 10	320	0.40		E	0.10	G	0.10	M	0.40						
16	UR-SPL-O	TCB	M 22* 65		0.08		I	0.07	K	0.01								
2	COV	PL	120* 6	460	0.22													
2	COV-O	RB	13 φ	280	0.02		A	0.02										
16	COV	BN	M 12* 35		0.02													1-W,HDG
2	PR-SPL	PL	175* 18	620	0.43		E	0.22	M	0.43								
16	PR-SPL	TCB	M 22* 95		0.08		I	0.08										
JL6-JL7						A	0.02	E	0.85	G	0.10	H	0.75					
						I	0.27	K	0.01	L	0.30	M	3.36					

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J31 JL7-JL8																		
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area											Remarks
1	D-SPL-U	PL	470* 9	2975	2.80		H	1.40	M	2.80								
1	D-SPL	PL	470* 14	223	0.21		G	0.10	M	0.21								
5	D-SPL	PL	470* 14	230	1.08		G	0.54	M	1.08								
4	D-SPL	PL	470* 14	80	0.30		G	0.15	M	0.30								
1	D-SPL	PL	470* 14	155	0.15		G	0.07	M	0.15								
48	D-SPL	TCB	M 22* 75		0.24		K	0.04	L	0.20								
96	D-SPL	HTB	M 22* 80		0.64		K	0.24	L	0.40								
10	UR-SPL-I	PL	155* 10	320	0.99		G	0.50	M	0.99								
40	UR-SPL-I	TCB	M 22* 65		0.20		K	0.20										
5	COV	PL	120* 6	460	0.55													
5	COV-I	RB	13 φ	280	0.06		C	0.06										
40	COV	BN	M 12* 35		0.06													1-W,HDG

Caluculation of Steel Primer

(Unit: mm,m²)

JL7-JL8				C	0.06	G	1.36	H	1.40	K	0.48	
				L	0.60	M	5.53					

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J31 JL8-RR1														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	470* 9	970		0.91	H	0.46	M	0.91				
1	D-SPL-U	PL	470* 9	305		0.29	H	0.14	M	0.29				
1	D-SPL	PL	470* 14	270		0.25	E	0.13	M	0.25				
2	D-SPL	PL	470* 14	250		0.47	E	0.24	M	0.47				
1	D-SPL	PL	470* 14	245		0.23	E	0.12	M	0.23				
66	D-SPL	TCB	M 22* 75			0.33	I	0.06	L	0.28				
1	ST-SPL	PL	255* 9	320		0.16	E	0.08	M	0.16				
1	ST-SPL	PL	335* 16	320		0.21	E	0.11	M	0.21				
12	ST-SPL	TCB	M 22* 70			0.06	I	0.06						
2	ST-SPL	PL	80* 9	320		0.10	E	0.05	M	0.10				
4	ST-SPL	TCB	M 22* 65			0.02	I	0.02						
6	PR-SPL	PL	175* 18	620		1.30	E	0.65	M	1.30				
48	PR-SPL	TCB	M 22* 95			0.24	I	0.24						
JL8-RR1							E	1.38	H	0.60	I	0.38	L	0.28
							M	3.92						
J31							A	0.06	C	0.22	E	8.00	G	6.64
							H	10.39	I	2.48	K	1.97	L	4.69
							M	49.90						

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J32 LL1-JL1														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	470* 9	970		0.91	H	0.46	M	0.91				
1	D-SPL-U	PL	470* 9	305		0.29	H	0.14	M	0.29				
1	D-SPL	PL	470* 14	270		0.25	E	0.13	M	0.25				
2	D-SPL	PL	470* 14	250		0.47	E	0.24	M	0.47				
1	D-SPL	PL	470* 14	245		0.23	E	0.12	M	0.23				
66	D-SPL	TCB	M 22* 75			0.33	I	0.06	L	0.28				
1	ST-SPL	PL	255* 9	320		0.16	E	0.08	M	0.16				
1	ST-SPL	PL	335* 16	320		0.21	E	0.11	M	0.21				
12	ST-SPL	TCB	M 22* 70			0.06	I	0.06						
2	ST-SPL	PL	80* 9	320		0.10	E	0.05	M	0.10				
4	ST-SPL	TCB	M 22* 65			0.02	I	0.02						
6	PR-SPL	PL	175* 18	620		1.30	E	0.65	M	1.30				
48	PR-SPL	TCB	M 22* 95			0.24	I	0.24						
LL1-JL1							E	1.38	H	0.60	I	0.38	L	0.28
							M	3.92						

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J32 JL1-JL2														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	470* 9	2975		2.80	H	1.40	M	2.80				
1	D-SPL	PL	470* 14	223		0.21	G	0.10	M	0.21				
5	D-SPL	PL	470* 14	230		1.08	G	0.54	M	1.08				
4	D-SPL	PL	470* 14	80		0.30	G	0.15	M	0.30				
1	D-SPL	PL	470* 14	155		0.15	G	0.07	M	0.15				
48	D-SPL	TCB	M 22* 75			0.24	K	0.04	L	0.20				
96	D-SPL	HTB	M 22* 80			0.64	K	0.24	L	0.40				
10	UR-SPL-I	PL	155* 10	320		0.99	G	0.50	M	0.99				
40	UR-SPL-I	TCB	M 22* 65			0.20	K	0.20						
5	COV	PL	120* 6	460		0.55								
5	COV-I	RB	13 ϕ	280		0.06	C	0.06						
40	COV	BN	M 12* 35			0.06							1-W,HDG	
JL1-JL2							C	0.06	G	1.36	H	1.40	K	0.48
							L	0.60	M	5.53				

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J32 JL2-JL3													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	470* 9	980		0.92	H	0.46	M	0.92			
2	D-SPL-U	PL	470* 9	305		0.57	H	0.29	M	0.57			

Caluculation of Steel Primer

(Unit: mm,m²)

2	D-SPL	PL	470* 14	245	0.46	E	0.23	M	0.46				
2	D-SPL	PL	470* 14	230	0.43	E	0.22	M	0.43				
2	D-SPL	PL	470* 14	80	0.15	E	0.08	M	0.15				
36	D-SPL	TCB	M 22* 75		0.18	I	0.03	L	0.15				
36	D-SPL	HTB	M 22* 80		0.24	I	0.09	L	0.15				
4	UR-SPL-O	PL	155* 10	320	0.40	E	0.10	G	0.10	M	0.40		
16	UR-SPL-O	TCB	M 22* 65		0.08	I	0.07	K	0.01				
2	COV	PL	120* 6	460	0.22								
2	COV-O	RB	13 ϕ	280	0.02	A	0.02						
16	COV	BN	M 12* 35		0.02								1-W,HDG
2	PR-SPL	PL	175* 18	620	0.43	E	0.22	M	0.43				
16	PR-SPL	TCB	M 22* 95		0.08	I	0.08						
JL2-JL3						A	0.02	E	0.85	G	0.10	H	0.75
						I	0.27	K	0.01	L	0.30	M	3.36

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J32 JL3-JL4													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	470* 9	2690	2.53	H	1.26	M	2.53				
2	D-SPL	PL	470* 14	155	0.29	G	0.15	M	0.29				
7	D-SPL	PL	470* 14	230	1.51	G	0.76	M	1.51				
78	D-SPL	TCB	M 22* 75		0.39	K	0.07	L	0.33				
72	D-SPL	HTB	M 22* 80		0.48	K	0.18	L	0.30				
8	UR-SPL-I	PL	155* 10	320	0.79	G	0.40	M	0.79				
32	UR-SPL-I	TCB	M 22* 65		0.16	K	0.16						
4	COV	PL	120* 6	460	0.44								
4	COV-I	RB	13 ϕ	280	0.05	C	0.05						
32	COV	BN	M 12* 35		0.04								1-W,HDG
JL3-JL4						C	0.05	G	1.31	H	1.26	K	0.41
						L	0.63	M	5.12				

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J32 JL4-JL4A													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	D-SPL-U	PL	470* 9	305	0.29	H	0.14	M	0.29				
1	D-SPL-U	PL	470* 9	2394	2.25	H	1.13	M	2.25				
1	D-SPL-U	PL	470* 9	290	0.27	H	0.14	M	0.27				
1	D-SPL	PL	470* 14	245	0.23	G	0.12	M	0.23				
3	D-SPL	PL	470* 14	230	0.65	G	0.32	M	0.65				
4	D-SPL	PL	470* 14	280	1.05	G	0.53	M	1.05				
1	D-SPL	PL	470* 14	314	0.30	G	0.15	M	0.30				
132	D-SPL	TCB	M 22* 75		0.67	K	0.11	L	0.55				

Caluculation of Steel Primer

(Unit: mm, m²)

18	D-SPL	HTB	M 22* 80			0.12	K	0.05	L	0.07					
2	UR-SPL-O	PL	155* 10	320		0.20	E	0.05	G	0.05	M	0.20			
8	UR-SPL-O	TCB	M 22* 65			0.04	I	0.03	K	0.01					
1	COV	PL	120* 6	460		0.11									
1	COV-O	RB	13 φ	280		0.01	A	0.01							
8	COV	BN	M 12* 35			0.01									1-W,HDG
12	PR-SPL	PL	175* 18	620		2.60	E	1.30	M	2.60					
96	PR-SPL	TCB	M 22* 95			0.49	I	0.49							
JL4-JL4A							A	0.01	E	1.35	G	1.17	H	1.41	
							I	0.52	K	0.17	L	0.62	M	7.84	

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J32 JL4A-JL5															
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area								Remarks
1	D-SPL-U	PL	470* 9	2022		1.90	H	0.95	M	1.90					
1	D-SPL-U	PL	470* 9	305		0.29	H	0.14	M	0.29					
1	D-SPL	PL	470* 14	292		0.27	E	0.14	M	0.27					
3	D-SPL	PL	470* 14	280		0.79	E	0.39	M	0.79					
2	D-SPL	PL	470* 14	230		0.43	E	0.22	M	0.43					
1	D-SPL	PL	470* 14	245		0.23	E	0.12	M	0.23					
102	D-SPL	TCB	M 22* 75			0.52	I	0.09	L	0.43					
18	D-SPL	HTB	M 22* 80			0.12	I	0.05	L	0.07					
2	UR-SPL-O	PL	155* 10	320		0.20	E	0.05	G	0.05	M	0.20			
8	UR-SPL-O	TCB	M 22* 65			0.04	I	0.03	K	0.01					
1	COV	PL	120* 6	460		0.11									
1	COV-O	RB	13 φ	280		0.01	A	0.01							
8	COV	BN	M 12* 35			0.01									1-W,HDG
10	PR-SPL	PL	175* 18	620		2.17	E	1.09	M	2.17					
80	PR-SPL	TCB	M 22* 95			0.40	I	0.40							
JL4A-JL5							A	0.01	E	2.01	G	0.05	H	1.09	
							I	0.57	K	0.01	L	0.50	M	6.28	

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J32 JL5-JL6															
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area								Remarks
1	D-SPL-U	PL	470* 9	2690		2.53	H	1.26	M	2.53					
2	D-SPL	PL	470* 14	155		0.29	G	0.15	M	0.29					
7	D-SPL	PL	470* 14	230		1.51	G	0.76	M	1.51					
78	D-SPL	TCB	M 22* 75			0.39	K	0.07	L	0.33					
72	D-SPL	HTB	M 22* 80			0.48	K	0.18	L	0.30					
8	UR-SPL-I	PL	155* 10	320		0.79	G	0.40	M	0.79					
32	UR-SPL-I	TCB	M 22* 65			0.16	K	0.16							

Caluculation of Steel Primer

(Unit: mm, m²)

4	COV	PL	120* 6	460		0.44													
4	COV-I	RB	13 φ	280		0.05	C	0.05											
32	COV	BN	M 12* 35			0.04													1-W,HDG
JL5-JL6							C	0.05	G	1.31	H	1.26	K	0.41					
							L	0.63	M	5.12									

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J32 JL6-JL7																			
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area										Remarks		
1	D-SPL-U	PL	470* 9	980		0.92	H	0.46	M	0.92									
2	D-SPL-U	PL	470* 9	305		0.57	H	0.29	M	0.57									
2	D-SPL	PL	470* 14	245		0.46	E	0.23	M	0.46									
2	D-SPL	PL	470* 14	230		0.43	E	0.22	M	0.43									
2	D-SPL	PL	470* 14	80		0.15	E	0.08	M	0.15									
36	D-SPL	TCB	M 22* 75			0.18	I	0.03	L	0.15									
36	D-SPL	HTB	M 22* 80			0.24	I	0.09	L	0.15									
4	UR-SPL-O	PL	155* 10	320		0.40	E	0.10	G	0.10	M	0.40							
16	UR-SPL-O	TCB	M 22* 65			0.08	I	0.07	K	0.01									
2	COV	PL	120* 6	460		0.22													
2	COV-O	RB	13 φ	280		0.02	A	0.02											
16	COV	BN	M 12* 35			0.02													1-W,HDG
2	PR-SPL	PL	175* 18	620		0.43	E	0.22	M	0.43									
16	PR-SPL	TCB	M 22* 95			0.08	I	0.08											
JL6-JL7							A	0.02	E	0.85	G	0.10	H	0.75					
							I	0.27	K	0.01	L	0.30	M	3.36					

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J32 JL7-JL8																			
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area										Remarks		
1	D-SPL-U	PL	470* 9	2975		2.80	H	1.40	M	2.80									
1	D-SPL	PL	470* 14	223		0.21	G	0.10	M	0.21									
5	D-SPL	PL	470* 14	230		1.08	G	0.54	M	1.08									
4	D-SPL	PL	470* 14	80		0.30	G	0.15	M	0.30									
1	D-SPL	PL	470* 14	155		0.15	G	0.07	M	0.15									
48	D-SPL	TCB	M 22* 75			0.24	K	0.04	L	0.20									
96	D-SPL	HTB	M 22* 80			0.64	K	0.24	L	0.40									
10	UR-SPL-I	PL	155* 10	320		0.99	G	0.50	M	0.99									
40	UR-SPL-I	TCB	M 22* 65			0.20	K	0.20											
5	COV	PL	120* 6	460		0.55													
5	COV-I	RB	13 φ	280		0.06	C	0.06											
40	COV	BN	M 12* 35			0.06													1-W,HDG

Caluculation of Steel Primer

(Unit: mm,m²)

JL7-JL8				C	0.06	G	1.36	H	1.40	K	0.48	
				L	0.60	M	5.53					

APPROACH BRIDGE DECK PL TRANSVERSE SPLICE J32 JL8-RR1														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	D-SPL-U	PL	470* 9	970		0.91	H	0.46	M	0.91				
1	D-SPL-U	PL	470* 9	305		0.29	H	0.14	M	0.29				
1	D-SPL	PL	470* 14	270		0.25	E	0.13	M	0.25				
2	D-SPL	PL	470* 14	250		0.47	E	0.24	M	0.47				
1	D-SPL	PL	470* 14	245		0.23	E	0.12	M	0.23				
66	D-SPL	TCB	M 22* 75			0.33	I	0.06	L	0.28				
1	ST-SPL	PL	255* 9	320		0.16	E	0.08	M	0.16				
1	ST-SPL	PL	335* 16	320		0.21	E	0.11	M	0.21				
12	ST-SPL	TCB	M 22* 70			0.06	I	0.06						
2	ST-SPL	PL	80* 9	320		0.10	E	0.05	M	0.10				
4	ST-SPL	TCB	M 22* 65			0.02	I	0.02						
6	PR-SPL	PL	175* 18	620		1.30	E	0.65	M	1.30				
48	PR-SPL	TCB	M 22* 95			0.24	I	0.24						
JL8-RR1							E	1.38	H	0.60	I	0.38	L	0.28
							M	3.92						
J32							A	0.06	C	0.22	E	7.82	G	6.76
							H	10.52	I	2.39	K	1.98	L	4.74
							M	49.98						
DECK PL TRANSVERSE SPLICE							A	3.03	C	7.04	E	274.60	G	210.94
							H	371.30	I	82.16	K	66.61	L	169.35
							M	1708.85						
APPROACH BRIDGE							A	3.03	C	7.04	E	274.60	G	210.94
							H	371.30	I	82.16	K	66.61	L	169.35
							M	1708.85						

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE GIRDER G1 GE1-J1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	LWEB	PL	3065* 15	8448		51.79	B	25.89	C	25.89		
7	HANGER	PL	90* 9	150		0.19	B	0.19				
7	HANGER	PL	90* 9	150		0.19	B	0.19				
1	VSTF	PL	240* 19	2947		1.41	C	1.41				
2	VSTF	PL	240* 19	2947		2.83	C	2.83				
1	HSTF	PL	160* 17	1081		0.35	C	0.35				
1	HSTF	PL	160* 17	1086		0.35	C	0.35				
1	HSTF	PL	160* 17	1084		0.35	C	0.35				
1	HSTF	PL	160* 17	1084		0.35	C	0.35				
2	HSTF	PL	160* 17	1084		0.69	C	0.69				
1	HSTF	PL	160* 17	214		0.07	C	0.07				
1	RWEB	PL	2730* 15	8439		46.08	B	23.04	C	23.04		
5	HANGER	PL	90* 9	150		0.14	B	0.14				
5	HANGER	PL	90* 9	150		0.14	B	0.14				
1	VSTF	PL	240* 19	2615		1.26	C	1.26				
2	VSTF	PL	240* 19	2615		2.51	C	2.51				
1	HSTF	PL	160* 17	1079		0.35	C	0.35				
1	HSTF	PL	160* 17	1083		0.35	C	0.35				
1	HSTF	PL	160* 17	1082		0.35	C	0.35				
3	HSTF	PL	160* 17	1082		1.04	C	1.04				
1	HSTF	PL	160* 17	214		0.07	C	0.07				
1	LFLG	PL	1881* 10	8390	93	29.35	B	16.73	C	12.62		
1	LRIB	PL	170* 17	274		0.09	C	0.09				
1	LRIB	PL	170* 17	7062		2.40	C	2.40				
1	LRIB	PL	170* 17	8370		2.85	C	2.85				
1	SOLE	PL	1130* 52	1020	95	2.19						
2	MIZUNUKI	FB	50* 6	524		0.10	C	0.10				
1	MIZUNUKI	FB	50* 6	520		0.05	C	0.05				
1	MIZUNUKI	PL	75* 22	75	70	0.01						
2	FLG	PL	100* 13	1721		0.69	C	0.69				
2	WEB	PL	400* 13	1721		2.75	C	2.75				
GE1-J1							B	66.32	C	82.81		

APPROACH BRIDGE GIRDER G1 J1-J2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	LWEB	PL	3065* 15	8364		51.27	A	25.64	C	25.64		
7	HANGER	PL	90* 9	150		0.19	A	0.19				
7	HANGER	PL	90* 9	150		0.19	A	0.19				
2	VSTF	PL	240* 19	2947		2.83	C	2.83				

Caluculation of Steel Primer

(Unit: mm, m²)

2	VSTF	PL	240* 19	2947		2.83	C	2.83						
1	HSTF	PL	160* 17	209		0.07	C	0.07						
1	HSTF	PL	160* 17	1084		0.35	C	0.35						
5	HSTF	PL	160* 17	1109		1.77	C	1.77						
1	RWEB	PL	2730* 15	8356		45.62	A	22.81	C	22.81				
5	HANGER	PL	90* 9	150		0.14	A	0.14						
5	HANGER	PL	90* 9	150		0.14	A	0.14						
2	VSTF	PL	240* 19	2615		2.51	C	2.51						
2	VSTF	PL	240* 19	2615		2.51	C	2.51						
1	HSTF	PL	160* 17	209		0.07	C	0.07						
1	HSTF	PL	160* 17	1082		0.35	C	0.35						
5	HSTF	PL	160* 17	1107		1.77	C	1.77						
1	LFLG	PL	1744* 18	8308		28.98	A	16.52	C	12.46				
2	LRIB	PL	170* 17	8285		5.63	C	5.63						
2	MIZUNUKI	FB	50* 6	524		0.10	C	0.10						
1	MIZUNUKI	FB	50* 6	520		0.05	C	0.05						
1	MIZUNUKI	PL	75* 22	75	70	0.01								
J1-J2							A	65.63	C	81.75				

APPROACH BRIDGE GIRDER G1 J2-J3														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	LWEB	PL	3065* 15	8400		51.49	A	25.75	C	25.75				
7	HANGER	PL	90* 9	150		0.19	A	0.19						
7	HANGER	PL	90* 9	150		0.19	A	0.19						
2	VSTF	PL	240* 19	2947		2.83	C	2.83						
1	VSTF	PL	240* 19	2947		1.41	C	1.41						
1	HSTF	PL	160* 17	152		0.05	C	0.05						
6	HSTF	PL	160* 17	1109		2.13	C	2.13						
1	HSTF	PL	160* 17	227		0.07	C	0.07						
1	RWEB	PL	2729* 15	8392		45.80	A	22.90	C	22.90				
5	HANGER	PL	90* 9	150		0.14	A	0.14						
5	HANGER	PL	90* 9	150		0.14	A	0.14						
2	VSTF	PL	240* 19	2615		2.51	C	2.51						
1	VSTF	PL	240* 19	2615		1.26	C	1.26						
1	HSTF	PL	160* 17	151		0.05	C	0.05						
6	HSTF	PL	160* 17	1107		2.13	C	2.13						
1	HSTF	PL	160* 17	226		0.07	C	0.07						
1	LFLG	PL	1744* 27	8346		29.11	A	16.59	C	12.52				
2	LRIB	PL	200* 22	8322		6.66	C	6.66						
2	MIZUNUKI	FB	50* 6	524		0.10	C	0.10						
1	MIZUNUKI	FB	50* 6	520		0.05	C	0.05						
1	MIZUNUKI	PL	75* 22	75	70	0.01								

Caluculation of Steel Primer

(Unit: mm, m²)

J2-J3					A	65.90	C	80.49		

APPROACH BRIDGE GIRDER G1 J3-J4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	LWEB	PL	3065* 15	8348		51.17	A	25.59	C	25.59		
7	HANGER	PL	90* 9	150		0.19	A	0.19				
7	HANGER	PL	90* 9	150		0.19	A	0.19				
1	VSTF	PL	240* 19	2947		1.41	C	1.41				
2	VSTF	PL	240* 19	2947		2.83	C	2.83				
1	VSTF	PL	240* 19	2947		1.41	C	1.41				
1	HSTF	PL	160* 17	222		0.07	C	0.07				
6	HSTF	PL	160* 17	1109		2.13	C	2.13				
1	HSTF	PL	160* 17	172		0.06	C	0.06				
1	RWEB	PL	2729* 15	8340		45.52	A	22.76	C	22.76		
6	HANGER	PL	90* 9	150		0.16	A	0.16				
6	HANGER	PL	90* 9	150		0.16	A	0.16				
1	VSTF	PL	240* 19	2615		1.26	C	1.26				
2	VSTF	PL	240* 19	2615		2.51	C	2.51				
1	VSTF	PL	240* 19	2615		1.26	C	1.26				
1	HSTF	PL	160* 17	221		0.07	C	0.07				
6	HSTF	PL	160* 17	1107		2.13	C	2.13				
1	HSTF	PL	160* 17	171		0.05	C	0.05				
1	LFLG	PL	1744* 30	8295		28.93	A	16.49	C	12.44		
2	LRIB	PL	200* 22	8272		6.62	C	6.62				
2	MIZUNUKI	FB	50* 6	524		0.10	C	0.10				
1	MIZUNUKI	FB	50* 6	520		0.05	C	0.05				
1	MIZUNUKI	PL	75* 22	75	70	0.01						
J3-J4					A	65.54	C	82.75				

APPROACH BRIDGE GIRDER G1 J4-J5												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	LWEB	PL	3065* 15	8446		51.77	A	25.89	C	25.89		
7	HANGER	PL	90* 9	150		0.19	A	0.19				
7	HANGER	PL	90* 9	150		0.19	A	0.19				
1	VSTF	PL	240* 19	2947		1.41	C	1.41				
2	VSTF	PL	240* 19	2947		2.83	C	2.83				
1	HSTF	PL	160* 17	277		0.09	C	0.09				
6	HSTF	PL	160* 17	1109		2.13	C	2.13				
1	HSTF	PL	160* 17	227		0.07	C	0.07				
1	RWEB	PL	2729* 15	8438		46.05	A	23.03	C	23.03		

Caluculation of Steel Primer

(Unit: mm, m²)

5	HANGER	PL	90* 9	150		0.14	A	0.14						
5	HANGER	PL	90* 9	150		0.14	A	0.14						
1	VSTF	PL	240* 19	2615		1.26	C	1.26						
2	VSTF	PL	240* 19	2615		2.51	C	2.51						
1	HSTF	PL	160* 17	277		0.09	C	0.09						
6	HSTF	PL	160* 17	1107		2.13	C	2.13						
1	HSTF	PL	160* 17	226		0.07	C	0.07						
1	LFLG	PL	1744* 30	8396		29.29	A	16.69	C	12.59				
2	LRIB	PL	200* 22	8372		6.70	C	6.70						
2	MIZUNUKI	FB	50* 6	524		0.10	C	0.10						
1	MIZUNUKI	FB	50* 6	520		0.05	C	0.05						
1	MIZUNUKI	PL	75* 22	75	70	0.01								
J4-J5							A	66.27	C	80.95				

APPROACH BRIDGE GIRDER G1 J5-J6														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	LWEB	PL	3065* 15	8395		51.46	A	25.73	C	25.73				
7	HANGER	PL	90* 9	150		0.19	A	0.19						
7	HANGER	PL	90* 9	150		0.19	A	0.19						
2	VSTF	PL	240* 19	2947		2.83	C	2.83						
2	VSTF	PL	240* 19	2947		2.83	C	2.83						
1	HSTF	PL	160* 17	222		0.07	C	0.07						
6	HSTF	PL	160* 17	1109		2.13	C	2.13						
1	RWEB	PL	2729* 15	8386		45.77	A	22.89	C	22.89				
5	HANGER	PL	90* 9	150		0.14	A	0.14						
5	HANGER	PL	90* 9	150		0.14	A	0.14						
2	VSTF	PL	240* 19	2615		2.51	C	2.51						
2	VSTF	PL	240* 19	2615		2.51	C	2.51						
1	HSTF	PL	160* 17	221		0.07	C	0.07						
6	HSTF	PL	160* 17	1107		2.13	C	2.13						
1	LFLG	PL	1744* 26	8345		29.11	A	16.59	C	12.52				
2	LRIB	PL	200* 22	8322		6.66	C	6.66						
2	MIZUNUKI	FB	50* 6	524		0.10	C	0.10						
1	MIZUNUKI	FB	50* 6	520		0.05	C	0.05						
1	MIZUNUKI	PL	75* 22	75	70	0.01								
J5-J6							A	65.87	C	83.03				

APPROACH BRIDGE GIRDER G1 J6-J7														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	LWEB	PL	3065* 15	8393		51.45	A	25.72	C	25.72				

Caluculation of Steel Primer

(Unit: mm, m²)

7	HANGER	PL	90* 9	150		0.19	A	0.19												
7	HANGER	PL	90* 9	150		0.19	A	0.19												
2	VSTF	PL	240* 19	2947		2.83	C	2.83												
1	VSTF	PL	240* 19	2947		1.41	C	1.41												
1	HSTF	PL	160* 17	152		0.05	C	0.05												
6	HSTF	PL	160* 17	1109		2.13	C	2.13												
1	HSTF	PL	160* 17	227		0.07	C	0.07												
1	RWEB	PL	2729* 15	8385		45.77	A	22.88	C	22.88										
5	HANGER	PL	90* 9	150		0.14	A	0.14												
5	HANGER	PL	90* 9	150		0.14	A	0.14												
2	VSTF	PL	240* 19	2615		2.51	C	2.51												
1	VSTF	PL	240* 19	2615		1.26	C	1.26												
1	HSTF	PL	160* 17	151		0.05	C	0.05												
6	HSTF	PL	160* 17	1107		2.13	C	2.13												
1	HSTF	PL	160* 17	226		0.07	C	0.07												
1	LFLG	PL	1744* 17	8345		29.11	A	16.59	C	12.52										
2	LRIB	PL	170* 17	8322		5.66	C	5.66												
3	LRIB	PL	170* 17	546		0.56	C	0.56												
2	MIZUNUKI	FB	50* 6	524		0.10	C	0.10												
1	MIZUNUKI	FB	50* 6	520		0.05	C	0.05												
1	MIZUNUKI	PL	75* 22	75	70	0.01														
							J6-J7	A	65.85	C	80.00									

APPROACH BRIDGE GIRDER G1 J7-J8																			
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area											Remarks	
1	LWEB	PL	3065* 15	8391		51.44	A	25.72	C	25.72									
7	HANGER	PL	90* 9	150		0.19	A	0.19											
7	HANGER	PL	90* 9	150		0.19	A	0.19											
1	VSTF	PL	240* 19	2947		1.41	C	1.41											
2	VSTF	PL	240* 19	3117		2.99	C	2.99											
1	VSTF	PL	240* 19	3117		1.50	C	1.50											
1	HSTF	PL	160* 17	222		0.07	C	0.07											
4	HSTF	PL	160* 17	1109		1.42	C	1.42											
1	HSTF	PL	160* 17	1103		0.35	C	0.35											
2	HSTF	PL	160* 17	1108		0.71	C	0.71											
2	HSTF	PL	160* 17	1103		0.71	C	0.71											
1	HSTF	PL	160* 17	222		0.07	C	0.07											
1	RWEB	PL	2730* 15	8383		45.77	A	22.89	C	22.89									
6	HANGER	PL	90* 9	150		0.16	A	0.16											
6	HANGER	PL	90* 9	150		0.16	A	0.16											
1	VSTF	PL	240* 19	2615		1.26	C	1.26											
2	VSTF	PL	240* 19	2650		2.54	C	2.54											

Caluculation of Steel Primer

(Unit: mm, m²)

1	VSTF	PL	240* 19	2650		1.27	C	1.27						
1	HSTF	PL	160* 17	221		0.07	C	0.07						
4	HSTF	PL	160* 17	1107		1.42	C	1.42						
1	HSTF	PL	160* 17	1102		0.35	C	0.35						
2	HSTF	PL	160* 17	1107		0.71	C	0.71						
2	HSTF	PL	160* 17	1102		0.71	C	0.71						
1	HSTF	PL	160* 17	221		0.07	C	0.07						
1	LFLG	PL	1744* 10	8345		29.11	A	16.59	C	12.52				
5	LRIB	PL	170* 17	8322		14.15	C	14.15						
1	MIZUNUKI	FB	50* 6	250		0.05	C	0.05						
2	MIZUNUKI	FB	50* 6	246		0.05	C	0.05						
1	MIZUNUKI	FB	50* 6	252		0.05	C	0.05						
1	MIZUNUKI	FB	50* 6	259		0.05	C	0.05						
1	MIZUNUKI	FB	50* 6	262		0.05	C	0.05						
1	MIZUNUKI	PL	75* 22	75	70	0.01								
J7-J8							A	65.90	C	93.16				

APPROACH BRIDGE GIRDER G1 J8-J9													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	LWEB	PL	3064* 17	7059		43.26	A	21.63	C	21.63			
6	HANGER	PL	90* 9	150		0.16	A	0.16					
6	HANGER	PL	90* 9	150		0.16	A	0.16					
1	VSTF	PL	240* 19	3117		1.50	C	1.50					
2	VSTF	PL	240* 19	3117		2.99	C	2.99					
1	HSTF	PL	160* 17	227		0.07	C	0.07					
1	HSTF	PL	160* 17	1083		0.35	C	0.35					
2	HSTF	PL	160* 17	1078		0.69	C	0.69					
2	HSTF	PL	160* 17	1083		0.69	C	0.69					
1	RWEB	PL	2730* 17	7052		38.50	A	19.25	C	19.25			
4	HANGER	PL	90* 9	150		0.11	A	0.11					
4	HANGER	PL	90* 9	150		0.11	A	0.11					
1	VSTF	PL	240* 19	2650		1.27	C	1.27					
2	VSTF	PL	240* 19	2650		2.54	C	2.54					
1	HSTF	PL	160* 17	961		0.31	C	0.31					
2	HSTF	PL	160* 17	1077		0.69	C	0.69					
2	HSTF	PL	160* 17	1082		0.69	C	0.69					
1	LFLG	PL	1743* 10	7015		24.45	A	13.94	C	10.52			
5	LRIB	PL	170* 17	6992		11.89	C	11.89					
1	MIZUNUKI	FB	50* 6	250		0.05	C	0.05					
2	MIZUNUKI	FB	50* 6	246		0.05	C	0.05					
1	MIZUNUKI	FB	50* 6	252		0.05	C	0.05					
1	MIZUNUKI	FB	50* 6	259		0.05	C	0.05					

Caluculation of Steel Primer

(Unit: mm, m²)

1	MIZUNUKI	FB	50* 6	262		0.05	C	0.05					
1	MIZUNUKI	PL	75* 22	75	70	0.01							
J8-J9							A	55.36	C	75.33			

APPROACH BRIDGE GIRDER G1 J9-J10													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	LWEB	PL	3063* 17	5925		36.30	A	18.15	C	18.15			
5	HANGER	PL	90* 9	150		0.14	A	0.14					
5	HANGER	PL	90* 9	150		0.14	A	0.14					
2	VSTF	PL	240* 19	3117		2.99	C	2.99					
1	HSTF	PL	160* 17	1078		0.34	C	0.34					
1	HSTF	PL	160* 17	1074		0.34	C	0.34					
1	HSTF	PL	160* 17	1092		0.35	C	0.35					
1	HSTF	PL	160* 17	1097		0.35	C	0.35					
1	RWEB	PL	2730* 17	5919		32.32	A	16.16	C	16.16			
4	HANGER	PL	90* 9	150		0.11	A	0.11					
4	HANGER	PL	90* 9	150		0.11	A	0.11					
2	VSTF	PL	240* 19	2650		2.54	C	2.54					
1	HSTF	PL	160* 17	1077		0.34	C	0.34					
1	HSTF	PL	160* 17	962		0.31	C	0.31					
1	HSTF	PL	160* 17	980		0.31	C	0.31					
1	HSTF	PL	160* 17	1096		0.35	C	0.35					
1	LFLG	PL	1864* 15	5882	93	20.39	A	11.62	C	8.77			
1	LRIB	PL	200* 22	2418		0.97	C	0.97					
1	LRIB	PL	200* 22	2419		0.97	C	0.97					
3	LRIB	PL	200* 22	5860		7.03	C	7.03					
1	LRIB	PL	200* 22	2465		0.99	C	0.99					
1	LRIB	PL	200* 22	2466		0.99	C	0.99					
1	SOLE	PL	1100* 48	970	95	2.03							
1	MIZUNUKI	FB	50* 6	250		0.05	C	0.05					
2	MIZUNUKI	FB	50* 6	246		0.05	C	0.05					
1	MIZUNUKI	FB	50* 6	252		0.05	C	0.05					
1	MIZUNUKI	FB	50* 6	259		0.05	C	0.05					
1	MIZUNUKI	FB	50* 6	262		0.05	C	0.05					
1	MIZUNUKI	PL	75* 22	75	70	0.01							
2	FLG	PL	100* 10	1721		0.69	C	0.69					
2	WEB	PL	400* 9	1721		2.75	C	2.75					
J9-J10							A	46.43	C	65.94			

APPROACH BRIDGE GIRDER G1 J10-J11													
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Caluculation of Steel Primer

(Unit: mm, m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
							A	C					
1	LWEB	PL	3064* 17	7166		43.91	A	21.96	C	21.96			
6	HANGER	PL	90* 9	150		0.16	A	0.16					
6	HANGER	PL	90* 9	150		0.16	A	0.16					
2	VSTF	PL	240* 19	3117		2.99	C	2.99					
1	VSTF	PL	240* 19	3117		1.50	C	1.50					
2	HSTF	PL	160* 17	1102		0.71	C	0.71					
2	HSTF	PL	160* 17	1097		0.70	C	0.70					
1	HSTF	PL	160* 17	1102		0.35	C	0.35					
1	HSTF	PL	160* 17	233		0.07	C	0.07					
1	RWEB	PL	2730* 17	7159		39.09	A	19.54	C	19.54			
4	HANGER	PL	90* 9	150		0.11	A	0.11					
4	HANGER	PL	90* 9	150		0.11	A	0.11					
2	VSTF	PL	240* 19	2650		2.54	C	2.54					
1	VSTF	PL	240* 19	2650		1.27	C	1.27					
2	HSTF	PL	160* 17	1101		0.70	C	0.70					
2	HSTF	PL	160* 17	1096		0.70	C	0.70					
1	HSTF	PL	160* 17	980		0.31	C	0.31					
1	LFLG	PL	1743* 12	7125		24.84	A	14.16	C	10.68			
5	LRIB	PL	170* 17	7102		12.07	C	12.07					
1	MIZUNUKI	FB	50* 6	250		0.05	C	0.05					
2	MIZUNUKI	FB	50* 6	246		0.05	C	0.05					
1	MIZUNUKI	FB	50* 6	252		0.05	C	0.05					
1	MIZUNUKI	FB	50* 6	259		0.05	C	0.05					
1	MIZUNUKI	FB	50* 6	262		0.05	C	0.05					
1	MIZUNUKI	PL	75* 22	75	70	0.01							
J10-J11							A	56.20	C	76.34			

APPROACH BRIDGE GIRDER G1 J11-J12													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
							A	C					
1	LWEB	PL	3065* 15	8473		51.94	A	25.97	C	25.97			
7	HANGER	PL	90* 9	150		0.19	A	0.19					
7	HANGER	PL	90* 9	150		0.19	A	0.19					
1	VSTF	PL	240* 19	3117		1.50	C	1.50					
2	VSTF	PL	240* 19	3117		2.99	C	2.99					
1	VSTF	PL	240* 19	3117		1.50	C	1.50					
4	HSTF	PL	160* 17	1121		1.43	C	1.43					
1	HSTF	PL	160* 17	228		0.07	C	0.07					
1	HSTF	PL	160* 17	228		0.07	C	0.07					
2	HSTF	PL	160* 17	1116		0.71	C	0.71					
2	HSTF	PL	160* 17	1121		0.72	C	0.72					
2	HSTF	PL	160* 17	1116		0.71	C	0.71					

Caluculation of Steel Primer

(Unit: mm,m²)

1	HSTF	PL	160* 17	228		0.07	C	0.07												
1	RWEB	PL	2730* 15	8465		46.22	A	23.11	C	23.11										
6	HANGER	PL	90* 9	150		0.16	A	0.16												
6	HANGER	PL	90* 9	150		0.16	A	0.16												
1	VSTF	PL	240* 19	2650		1.27	C	1.27												
2	VSTF	PL	240* 19	2650		2.54	C	2.54												
1	VSTF	PL	240* 19	2650		1.27	C	1.27												
4	HSTF	PL	160* 17	1120		1.43	C	1.43												
1	HSTF	PL	160* 17	227		0.07	C	0.07												
1	HSTF	PL	160* 17	227		0.07	C	0.07												
2	HSTF	PL	160* 17	1115		0.71	C	0.71												
2	HSTF	PL	160* 17	1120		0.72	C	0.72												
2	HSTF	PL	160* 17	1115		0.71	C	0.71												
1	HSTF	PL	160* 17	227		0.07	C	0.07												
1	LFLG	PL	1744* 10	8433		29.41	A	16.77	C	12.65										
5	LRIB	PL	170* 17	8409		14.30	C	14.30												
1	MIZUNUKI	FB	50* 6	250		0.05	C	0.05												
2	MIZUNUKI	FB	50* 6	246		0.05	C	0.05												
1	MIZUNUKI	FB	50* 6	252		0.05	C	0.05												
1	MIZUNUKI	FB	50* 6	259		0.05	C	0.05												
1	MIZUNUKI	FB	50* 6	262		0.05	C	0.05												
1	MIZUNUKI	PL	75* 22	75	70	0.01														
J11-J12										A	66.55	C	94.91							

APPROACH BRIDGE GIRDER G1 J12-J13																			
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks						
1	LWEB	PL	3065* 15	8471		51.93	A	25.96	C	25.96									
7	HANGER	PL	90* 9	150		0.19	A	0.19											
7	HANGER	PL	90* 9	150		0.19	A	0.19											
1	VSTF	PL	240* 19	3117		1.50	C	1.50											
2	VSTF	PL	240* 19	3117		2.99	C	2.99											
1	HSTF	PL	160* 17	233		0.07	C	0.07											
6	HSTF	PL	160* 17	1121		2.15	C	2.15											
1	HSTF	PL	160* 17	233		0.07	C	0.07											
1	HSTF	PL	160* 17	233		0.07	C	0.07											
1	HSTF	PL	160* 17	1121		0.36	C	0.36											
2	HSTF	PL	160* 17	1116		0.71	C	0.71											
2	HSTF	PL	160* 17	1121		0.72	C	0.72											
1	HSTF	PL	160* 17	1116		0.36	C	0.36											
1	HSTF	PL	160* 17	228		0.07	C	0.07											
1	RWEB	PL	2730* 15	8463		46.21	A	23.10	C	23.10									
5	HANGER	PL	90* 9	150		0.14	A	0.14											

Caluculation of Steel Primer

(Unit: mm, m²)

5	HANGER	PL	90* 9	150		0.14	A	0.14										
1	VSTF	PL	240* 19	2650		1.27	C	1.27										
2	VSTF	PL	240* 19	2650		2.54	C	2.54										
1	HSTF	PL	160* 17	232		0.07	C	0.07										
6	HSTF	PL	160* 17	1120		2.15	C	2.15										
1	HSTF	PL	160* 17	232		0.07	C	0.07										
1	HSTF	PL	160* 17	999		0.32	C	0.32										
2	HSTF	PL	160* 17	1115		0.71	C	0.71										
2	HSTF	PL	160* 17	1120		0.72	C	0.72										
1	HSTF	PL	160* 17	1115		0.36	C	0.36										
1	HSTF	PL	160* 17	227		0.07	C	0.07										
1	LFLG	PL	1744* 10	8433		29.41	A	16.77	C	12.65								
5	LRIB	PL	170* 17	8409		14.30	C	14.30										
1	MIZUNUKI	FB	50* 6	250		0.05	C	0.05										
2	MIZUNUKI	FB	50* 6	246		0.05	C	0.05										
1	MIZUNUKI	FB	50* 6	252		0.05	C	0.05										
1	MIZUNUKI	FB	50* 6	259		0.05	C	0.05										
1	MIZUNUKI	FB	50* 6	262		0.05	C	0.05										
1	MIZUNUKI	PL	75* 22	75	70	0.01												
J12-J13							A	66.49	C	93.61								

APPROACH BRIDGE GIRDER G1 J13-J14													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
1	LWEB	PL	3064* 15	7265		44.52	A	22.26	C	22.26			
6	HANGER	PL	90* 9	150		0.16	A	0.16					
6	HANGER	PL	90* 9	150		0.16	A	0.16					
2	VSTF	PL	240* 19	3117		2.99	C	2.99					
1	VSTF	PL	240* 19	3117		1.50	C	1.50					
1	HSTF	PL	160* 17	228		0.07	C	0.07					
5	HSTF	PL	160* 17	1121		1.79	C	1.79					
1	HSTF	PL	160* 17	233		0.07	C	0.07					
1	HSTF	PL	160* 17	228		0.07	C	0.07					
2	HSTF	PL	160* 17	1121		0.72	C	0.72					
2	HSTF	PL	160* 17	1116		0.71	C	0.71					
1	HSTF	PL	160* 17	1121		0.36	C	0.36					
1	HSTF	PL	160* 17	233		0.07	C	0.07					
1	RWEB	PL	2730* 15	7257		39.62	A	19.81	C	19.81			
4	HANGER	PL	90* 9	150		0.11	A	0.11					
4	HANGER	PL	90* 9	150		0.11	A	0.11					
2	VSTF	PL	240* 19	2650		2.54	C	2.54					
1	VSTF	PL	240* 19	2650		1.27	C	1.27					
1	HSTF	PL	160* 17	227		0.07	C	0.07					

Caluculation of Steel Primer

(Unit: mm, m²)

5	HSTF	PL	160* 17	1120		1.79	C	1.79						
1	HSTF	PL	160* 17	232		0.07	C	0.07						
1	HSTF	PL	160* 17	227		0.07	C	0.07						
2	HSTF	PL	160* 17	999		0.64	C	0.64						
2	HSTF	PL	160* 17	1115		0.71	C	0.71						
1	HSTF	PL	160* 17	1120		0.36	C	0.36						
1	HSTF	PL	160* 17	232		0.07	C	0.07						
1	LFLG	PL	1743* 10	7228		25.20	A	14.36	C	10.83				
5	LRIB	PL	170* 17	7205		12.25	C	12.25						
1	MIZUNUKI	FB	50* 6	250		0.05	C	0.05						
2	MIZUNUKI	FB	50* 6	246		0.05	C	0.05						
1	MIZUNUKI	FB	50* 6	252		0.05	C	0.05						
1	MIZUNUKI	FB	50* 6	259		0.05	C	0.05						
1	MIZUNUKI	FB	50* 6	262		0.05	C	0.05						
1	MIZUNUKI	PL	75* 22	75	70	0.01								
J13-J14							A	56.97	C	81.34				

APPROACH BRIDGE GIRDER G1 J14-J15														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
1	LWEB	PL	3065* 15	8468		51.91	A	25.95	C	25.95				
7	HANGER	PL	90* 9	150		0.19	A	0.19						
7	HANGER	PL	90* 9	150		0.19	A	0.19						
1	VSTF	PL	240* 19	3117		1.50	C	1.50						
2	VSTF	PL	240* 19	3117		2.99	C	2.99						
1	VSTF	PL	240* 19	3117		1.50	C	1.50						
1	HSTF	PL	160* 17	228		0.07	C	0.07						
6	HSTF	PL	160* 17	1121		2.15	C	2.15						
1	HSTF	PL	160* 17	228		0.07	C	0.07						
1	HSTF	PL	160* 17	228		0.07	C	0.07						
2	HSTF	PL	160* 17	1116		0.71	C	0.71						
2	HSTF	PL	160* 17	1121		0.72	C	0.72						
2	HSTF	PL	160* 17	1116		0.71	C	0.71						
1	HSTF	PL	160* 17	228		0.07	C	0.07						
1	RWEB	PL	2730* 15	8460		46.19	A	23.10	C	23.10				
6	HANGER	PL	90* 9	150		0.16	A	0.16						
6	HANGER	PL	90* 9	150		0.16	A	0.16						
1	VSTF	PL	240* 19	2650		1.27	C	1.27						
2	VSTF	PL	240* 19	2650		2.54	C	2.54						
1	VSTF	PL	240* 19	2650		1.27	C	1.27						
1	HSTF	PL	160* 17	227		0.07	C	0.07						
6	HSTF	PL	160* 17	1120		2.15	C	2.15						
1	HSTF	PL	160* 17	227		0.07	C	0.07						

Caluculation of Steel Primer

(Unit: mm, m²)

1	HSTF	PL	160* 17	227		0.07	C	0.07						
2	HSTF	PL	160* 17	1115		0.71	C	0.71						
2	HSTF	PL	160* 17	999		0.64	C	0.64						
2	HSTF	PL	160* 17	1115		0.71	C	0.71						
1	HSTF	PL	160* 17	227		0.07	C	0.07						
1	LFLG	PL	1744* 10	8433		29.41	A	16.77	C	12.65				
5	LRIB	PL	170* 17	8409		14.30	C	14.30						
1	MIZUNUKI	FB	50* 6	250		0.05	C	0.05						
2	MIZUNUKI	FB	50* 6	246		0.05	C	0.05						
1	MIZUNUKI	FB	50* 6	252		0.05	C	0.05						
1	MIZUNUKI	FB	50* 6	259		0.05	C	0.05						
1	MIZUNUKI	FB	50* 6	262		0.05	C	0.05						
1	MIZUNUKI	PL	75* 22	75	70	0.01								
J14-J15							A	66.52	C	96.38				

APPROACH BRIDGE GIRDER G1 J15-J16														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	LWEB	PL	3064* 15	7262		44.50	A	22.25	C	22.25				
6	HANGER	PL	90* 9	150		0.16	A	0.16						
6	HANGER	PL	90* 9	150		0.16	A	0.16						
1	VSTF	PL	240* 19	3117		1.50	C	1.50						
2	VSTF	PL	240* 19	3117		2.99	C	2.99						
1	HSTF	PL	160* 17	233		0.07	C	0.07						
5	HSTF	PL	160* 17	1121		1.79	C	1.79						
1	HSTF	PL	160* 17	228		0.07	C	0.07						
1	HSTF	PL	160* 17	233		0.07	C	0.07						
1	HSTF	PL	160* 17	1121		0.36	C	0.36						
2	HSTF	PL	160* 17	1116		0.71	C	0.71						
2	HSTF	PL	160* 17	1121		0.72	C	0.72						
1	HSTF	PL	160* 17	228		0.07	C	0.07						
1	RWEB	PL	2730* 15	7254		39.61	A	19.80	C	19.80				
4	HANGER	PL	90* 9	150		0.11	A	0.11						
4	HANGER	PL	90* 9	150		0.11	A	0.11						
1	VSTF	PL	240* 19	2650		1.27	C	1.27						
2	VSTF	PL	240* 19	2650		2.54	C	2.54						
1	HSTF	PL	160* 17	232		0.07	C	0.07						
5	HSTF	PL	160* 17	1120		1.79	C	1.79						
1	HSTF	PL	160* 17	227		0.07	C	0.07						
1	HSTF	PL	160* 17	232		0.07	C	0.07						
1	HSTF	PL	160* 17	1120		0.36	C	0.36						
2	HSTF	PL	160* 17	1115		0.71	C	0.71						
2	HSTF	PL	160* 17	999		0.64	C	0.64						

Caluculation of Steel Primer

(Unit: mm, m²)

1	HSTF	PL	160* 17	227		0.07	C	0.07						
1	LFLG	PL	1743* 10	7228		25.20	A	14.36	C	10.83				
5	LRIB	PL	170* 17	7205		12.25	C	12.25						
1	MIZUNUKI	FB	50* 6	250		0.05	C	0.05						
2	MIZUNUKI	FB	50* 6	246		0.05	C	0.05						
1	MIZUNUKI	FB	50* 6	252		0.05	C	0.05						
1	MIZUNUKI	FB	50* 6	259		0.05	C	0.05						
1	MIZUNUKI	FB	50* 6	262		0.05	C	0.05						
1	MIZUNUKI	PL	75* 22	75	70	0.01								
J15-J16							A	56.95	C	81.32				

APPROACH BRIDGE GIRDER G1 J16-J17														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
1	LWEB	PL	3065* 15	8465		51.89	A	25.95	C	25.95				
7	HANGER	PL	90* 9	150		0.19	A	0.19						
7	HANGER	PL	90* 9	150		0.19	A	0.19						
2	VSTF	PL	240* 19	3117		2.99	C	2.99						
1	VSTF	PL	240* 19	3117		1.50	C	1.50						
1	HSTF	PL	160* 17	233		0.07	C	0.07						
4	HSTF	PL	160* 17	1121		1.43	C	1.43						
1	HSTF	PL	160* 17	228		0.07	C	0.07						
1	HSTF	PL	160* 17	1116		0.36	C	0.36						
2	HSTF	PL	160* 17	1121		0.72	C	0.72						
2	HSTF	PL	160* 17	1116		0.71	C	0.71						
1	HSTF	PL	160* 17	1121		0.36	C	0.36						
1	HSTF	PL	160* 17	233		0.07	C	0.07						
1	RWEB	PL	2730* 15	8456		46.17	A	23.08	C	23.08				
5	HANGER	PL	90* 9	150		0.14	A	0.14						
5	HANGER	PL	90* 9	150		0.14	A	0.14						
2	VSTF	PL	240* 19	2650		2.54	C	2.54						
1	VSTF	PL	240* 19	2650		1.27	C	1.27						
1	HSTF	PL	160* 17	232		0.07	C	0.07						
4	HSTF	PL	160* 17	1120		1.43	C	1.43						
1	HSTF	PL	160* 17	227		0.07	C	0.07						
1	HSTF	PL	160* 17	1115		0.36	C	0.36						
2	HSTF	PL	160* 17	1120		0.72	C	0.72						
2	HSTF	PL	160* 17	1115		0.71	C	0.71						
1	HSTF	PL	160* 17	999		0.32	C	0.32						
1	LFLG	PL	1744* 12	8433		29.41	A	16.77	C	12.65				
5	LRIB	PL	170* 17	8409		14.30	C	14.30						
1	MIZUNUKI	FB	50* 6	250		0.05	C	0.05						
2	MIZUNUKI	FB	50* 6	246		0.05	C	0.05						

Caluculation of Steel Primer

(Unit: mm, m²)

1	MIZUNUKI	FB	50* 6	252		0.05	C	0.05					
1	MIZUNUKI	FB	50* 6	259		0.05	C	0.05					
1	MIZUNUKI	FB	50* 6	262		0.05	C	0.05					
1	MIZUNUKI	PL	75* 22	75	70	0.01							
J16-J17							A	66.46	C	92.00			

APPROACH BRIDGE GIRDER G1 J17-J18													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	LWEB	PL	3065* 15	8463		51.88	A	25.94	C	25.94			
7	HANGER	PL	90* 9	150		0.19	A	0.19					
7	HANGER	PL	90* 9	150		0.19	A	0.19					
1	VSTF	PL	240* 19	3117		1.50	C	1.50					
2	VSTF	PL	240* 19	3117		2.99	C	2.99					
1	VSTF	PL	240* 19	3117		1.50	C	1.50					
1	HSTF	PL	160* 17	228		0.07	C	0.07					
2	HSTF	PL	160* 17	1116		0.71	C	0.71					
2	HSTF	PL	160* 17	1121		0.72	C	0.72					
2	HSTF	PL	160* 17	1116		0.71	C	0.71					
1	HSTF	PL	160* 17	153		0.05	C	0.05					
1	RWEB	PL	2730* 15	8455		46.16	A	23.08	C	23.08			
6	HANGER	PL	90* 9	150		0.16	A	0.16					
6	HANGER	PL	90* 9	150		0.16	A	0.16					
1	VSTF	PL	240* 19	2650		1.27	C	1.27					
2	VSTF	PL	240* 19	2650		2.54	C	2.54					
1	VSTF	PL	240* 19	2650		1.27	C	1.27					
1	HSTF	PL	160* 17	227		0.07	C	0.07					
2	HSTF	PL	160* 17	1115		0.71	C	0.71					
2	HSTF	PL	160* 17	1120		0.72	C	0.72					
2	HSTF	PL	160* 17	1115		0.71	C	0.71					
1	HSTF	PL	160* 17	152		0.05	C	0.05					
1	LFLG	PL	1744* 21	8432		29.41	A	16.76	C	12.65			
5	LRIB	PL	200* 22	8409		16.82	C	16.82					
1	MIZUNUKI	FB	50* 6	250		0.05	C	0.05					
2	MIZUNUKI	FB	50* 6	246		0.05	C	0.05					
1	MIZUNUKI	FB	50* 6	252		0.05	C	0.05					
1	MIZUNUKI	FB	50* 6	259		0.05	C	0.05					
1	MIZUNUKI	FB	50* 6	262		0.05	C	0.05					
1	MIZUNUKI	PL	75* 22	75	70	0.01							
J17-J18							A	66.48	C	94.33			

APPROACH BRIDGE GIRDER G1 J18-J19													
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Caluculation of Steel Primer

(Unit: mm,m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
1	LWEB	PL	3064* 17	6903		42.30	A	21.15	C	21.15				
6	HANGER	PL	90* 9	150		0.16	A	0.16						
6	HANGER	PL	90* 9	150		0.16	A	0.16						
1	VSTF	PL	240* 19	3117		1.50	C	1.50						
2	VSTF	PL	240* 19	3117		2.99	C	2.99						
1	HSTF	PL	160* 17	158		0.05	C	0.05						
1	HSTF	PL	160* 17	1102		0.35	C	0.35						
2	HSTF	PL	160* 17	1097		0.70	C	0.70						
1	HSTF	PL	160* 17	1102		0.35	C	0.35						
1	HSTF	PL	160* 17	672		0.22	C	0.22						
1	HSTF	PL	160* 17	322		0.10	C	0.10						
1	RWEB	PL	2730* 17	6895		37.65	A	18.82	C	18.82				
4	HANGER	PL	90* 9	150		0.11	A	0.11						
4	HANGER	PL	90* 9	150		0.11	A	0.11						
1	VSTF	PL	240* 19	2650		1.27	C	1.27						
2	VSTF	PL	240* 19	2650		2.54	C	2.54						
1	HSTF	PL	160* 17	157		0.05	C	0.05						
1	HSTF	PL	160* 17	980		0.31	C	0.31						
2	HSTF	PL	160* 17	1096		0.70	C	0.70						
1	HSTF	PL	160* 17	1101		0.35	C	0.35						
1	HSTF	PL	160* 17	671		0.21	C	0.21						
1	HSTF	PL	160* 17	323		0.10	C	0.10						
1	LFLG	PL	1743* 41	6874		23.96	A	13.66	C	10.30				
5	LRIB	PL	200* 22	6851		13.70	C	13.70						
1	MIZUNUKI	FB	50* 6	250		0.05	C	0.05						
2	MIZUNUKI	FB	50* 6	246		0.05	C	0.05						
1	MIZUNUKI	FB	50* 6	252		0.05	C	0.05						
1	MIZUNUKI	FB	50* 6	259		0.05	C	0.05						
1	MIZUNUKI	FB	50* 6	262		0.05	C	0.05						
1	MIZUNUKI	PL	75* 22	75	70	0.01								
J18-J19							A	54.17	C	76.01				

APPROACH BRIDGE GIRDER G1 J19-J20													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
1	LWEB	PL	3064* 17	6245		38.27	A	19.13	C	19.13			
5	HANGER	PL	90* 9	150		0.14	A	0.14					
5	HANGER	PL	90* 9	150		0.14	A	0.14					
2	VSTF	PL	240* 19	3117		2.99	C	2.99					
1	HSTF	PL	160* 17	394		0.13	C	0.13					
1	HSTF	PL	160* 17	1097		0.35	C	0.35					

Caluculation of Steel Primer

(Unit: mm, m²)

1	HSTF	PL	160* 17	1092		0.35	C	0.35											
1	HSTF	PL	160* 17	1023		0.33	C	0.33											
1	HSTF	PL	160* 17	1028		0.33	C	0.33											
1	HSTF	PL	160* 17	319		0.10	C	0.10											
1	RWEB	PL	2730* 17	6239		34.06	A	17.03	C	17.03									
4	HANGER	PL	90* 9	150		0.11	A	0.11											
4	HANGER	PL	90* 9	150		0.11	A	0.11											
2	VSTF	PL	240* 19	2650		2.54	C	2.54											
1	HSTF	PL	160* 17	393		0.13	C	0.13											
1	HSTF	PL	160* 17	1096		0.35	C	0.35											
1	HSTF	PL	160* 17	980		0.31	C	0.31											
1	HSTF	PL	160* 17	911		0.29	C	0.29											
1	HSTF	PL	160* 17	1027		0.33	C	0.33											
1	HSTF	PL	160* 17	319		0.10	C	0.10											
1	LFLG	PL	1864* 52	6218	93	21.56	A	12.29	C	9.27									
1	LRIB	PL	200* 22	2715		1.09	C	1.09											
1	LRIB	PL	200* 22	2716		1.09	C	1.09											
3	LRIB	PL	200* 22	6195		7.43	C	7.43											
1	LRIB	PL	200* 22	2503		1.00	C	1.00											
1	LRIB	PL	200* 22	2504		1.00	C	1.00											
1	SOLE	PL	1100* 50	970	95	2.03													
1	MIZUNUKI	FB	50* 6	250		0.05	C	0.05											
2	MIZUNUKI	FB	50* 6	246		0.05	C	0.05											
1	MIZUNUKI	FB	50* 6	252		0.05	C	0.05											
1	MIZUNUKI	FB	50* 6	259		0.05	C	0.05											
1	MIZUNUKI	FB	50* 6	262		0.05	C	0.05											
1	MIZUNUKI	PL	75* 22	75	70	0.01													
2	FLG	PL	100* 10	1721		0.69	C	0.69											
2	WEB	PL	400* 9	1721		2.75	C	2.75											
J19-J20										A	48.95	C	69.36						

APPROACH BRIDGE GIRDER G1 J20-J21														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
1	LWEB	PL	3064* 17	6548		40.13	A	20.06	C	20.06				
6	HANGER	PL	90* 9	150		0.16	A	0.16						
6	HANGER	PL	90* 9	150		0.16	A	0.16						
2	VSTF	PL	240* 19	3117		2.99	C	2.99						
1	VSTF	PL	240* 19	3117		1.50	C	1.50						
1	HSTF	PL	160* 17	270		0.09	C	0.09						
1	HSTF	PL	160* 17	673		0.22	C	0.22						
1	HSTF	PL	160* 17	1033		0.33	C	0.33						
2	HSTF	PL	160* 17	1028		0.66	C	0.66						

Caluculation of Steel Primer

(Unit: mm, m²)

1	HSTF	PL	160* 17	1033		0.33	C	0.33											
1	HSTF	PL	160* 17	220		0.07	C	0.07											
1	RWEB	PL	2730* 17	6541		35.71	A	17.86	C	17.86									
4	HANGER	PL	90* 9	150		0.11	A	0.11											
4	HANGER	PL	90* 9	150		0.11	A	0.11											
2	VSTF	PL	240* 19	2650		2.54	C	2.54											
1	VSTF	PL	240* 19	2650		1.27	C	1.27											
1	HSTF	PL	160* 17	258		0.08	C	0.08											
1	HSTF	PL	160* 17	672		0.22	C	0.22											
1	HSTF	PL	160* 17	1032		0.33	C	0.33											
2	HSTF	PL	160* 17	1027		0.66	C	0.66											
1	HSTF	PL	160* 17	911		0.29	C	0.29											
1	LFLG	PL	1743* 38	6522		22.74	A	12.96	C	9.78									
5	LRIB	PL	200* 22	6499		13.00	C	13.00											
1	MIZUNUKI	FB	50* 6	250		0.05	C	0.05											
2	MIZUNUKI	FB	50* 6	246		0.05	C	0.05											
1	MIZUNUKI	FB	50* 6	252		0.05	C	0.05											
1	MIZUNUKI	FB	50* 6	259		0.05	C	0.05											
1	MIZUNUKI	FB	50* 6	262		0.05	C	0.05											
1	MIZUNUKI	PL	75* 22	75	70	0.01													
							J20-J21	A	51.42	C	72.53								

APPROACH BRIDGE GIRDER G1 J21-J22																		
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks					
1	LWEB	PL	3064* 15	7102		43.52	A	21.76	C	21.76								
6	HANGER	PL	90* 9	150		0.16	A	0.16										
6	HANGER	PL	90* 9	150		0.16	A	0.16										
1	VSTF	PL	240* 19	3117		1.50	C	1.50										
2	VSTF	PL	240* 19	3117		2.99	C	2.99										
1	HSTF	PL	160* 17	215		0.07	C	0.07										
2	HSTF	PL	160* 17	1091		0.70	C	0.70										
2	HSTF	PL	160* 17	1096		0.70	C	0.70										
1	HSTF	PL	160* 17	1091		0.35	C	0.35										
1	HSTF	PL	160* 17	215		0.07	C	0.07										
1	RWEB	PL	2730* 15	7095		38.74	A	19.37	C	19.37								
5	HANGER	PL	90* 9	150		0.14	A	0.14										
5	HANGER	PL	90* 9	150		0.14	A	0.14										
1	VSTF	PL	240* 19	2650		1.27	C	1.27										
2	VSTF	PL	240* 19	2650		2.54	C	2.54										
1	HSTF	PL	160* 17	215		0.07	C	0.07										
2	HSTF	PL	160* 17	1090		0.70	C	0.70										
2	HSTF	PL	160* 17	1095		0.70	C	0.70										

Caluculation of Steel Primer

(Unit: mm, m²)

1	HSTF	PL	160* 17	1090		0.35	C	0.35						
1	HSTF	PL	160* 17	215		0.07	C	0.07						
1	LFLG	PL	1743* 19	7077		24.67	A	14.06	C	10.61				
5	LRIB	PL	200* 22	7054		14.11	C	14.11						
1	MIZUNUKI	FB	50* 6	250		0.05	C	0.05						
2	MIZUNUKI	FB	50* 6	246		0.05	C	0.05						
1	MIZUNUKI	FB	50* 6	252		0.05	C	0.05						
1	MIZUNUKI	FB	50* 6	259		0.05	C	0.05						
1	MIZUNUKI	FB	50* 6	262		0.05	C	0.05						
1	MIZUNUKI	PL	75* 22	75	70	0.01								
J21-J22							A	55.79	C	78.18				

APPROACH BRIDGE GIRDER G1 J22-J23														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	LWEB	PL	3065* 15	8280		50.76	A	25.38	C	25.38				
7	HANGER	PL	90* 9	150		0.19	A	0.19						
7	HANGER	PL	90* 9	150		0.19	A	0.19						
2	VSTF	PL	240* 19	3117		2.99	C	2.99						
2	VSTF	PL	240* 19	2947		2.83	C	2.83						
6	HSTF	PL	160* 17	1096		2.10	C	2.10						
1	HSTF	PL	160* 17	216		0.07	C	0.07						
1	HSTF	PL	160* 17	215		0.07	C	0.07						
2	HSTF	PL	160* 17	1096		0.70	C	0.70						
1	HSTF	PL	160* 17	1091		0.35	C	0.35						
1	RWEB	PL	2730* 15	8272		45.17	A	22.58	C	22.58				
5	HANGER	PL	90* 9	150		0.14	A	0.14						
5	HANGER	PL	90* 9	150		0.14	A	0.14						
2	VSTF	PL	240* 19	2650		2.54	C	2.54						
2	VSTF	PL	240* 19	2615		2.51	C	2.51						
6	HSTF	PL	160* 17	1095		2.10	C	2.10						
1	HSTF	PL	160* 17	215		0.07	C	0.07						
1	HSTF	PL	160* 17	215		0.07	C	0.07						
2	HSTF	PL	160* 17	974		0.62	C	0.62						
1	HSTF	PL	160* 17	1090		0.35	C	0.35						
1	LFLG	PL	1744* 15	8257		28.80	A	16.42	C	12.38				
2	LRIB	PL	170* 17	8233		5.60	C	5.60						
3	LRIB	PL	170* 17	6435		6.56	C	6.56						
1	MIZUNUKI	FB	50* 6	250		0.05	C	0.05						
2	MIZUNUKI	FB	50* 6	246		0.05	C	0.05						
1	MIZUNUKI	FB	50* 6	252		0.05	C	0.05						
1	MIZUNUKI	FB	50* 6	259		0.05	C	0.05						
1	MIZUNUKI	FB	50* 6	262		0.05	C	0.05						

Caluculation of Steel Primer

(Unit: mm, m²)

1	MIZUNUKI	PL	75* 22	75	70	0.01								
J22-J23							A	65.04	C	90.12				

APPROACH BRIDGE GIRDER G1 J23-J24														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
							A	C						
1	LWEB	PL	3065* 15	8279		50.75	A	25.38	C	25.38				
7	HANGER	PL	90* 9	150		0.19	A	0.19						
7	HANGER	PL	90* 9	150		0.19	A	0.19						
2	VSTF	PL	240* 19	2947		2.83	C	2.83						
1	VSTF	PL	240* 19	2947		1.41	C	1.41						
1	HSTF	PL	160* 17	221		0.07	C	0.07						
6	HSTF	PL	160* 17	1096		2.10	C	2.10						
1	RWEB	PL	2730* 15	8270		45.15	A	22.58	C	22.58				
5	HANGER	PL	90* 9	150		0.14	A	0.14						
5	HANGER	PL	90* 9	150		0.14	A	0.14						
2	VSTF	PL	240* 19	2615		2.51	C	2.51						
1	VSTF	PL	240* 19	2615		1.26	C	1.26						
1	HSTF	PL	160* 17	220		0.07	C	0.07						
6	HSTF	PL	160* 17	1095		2.10	C	2.10						
1	LFLG	PL	1744* 29	8257		28.80	A	16.42	C	12.38				
2	LRIB	PL	200* 22	8233		6.59	C	6.59						
2	MIZUNUKI	FB	50* 6	524		0.10	C	0.10						
1	MIZUNUKI	FB	50* 6	520		0.05	C	0.05						
1	MIZUNUKI	PL	75* 22	75	70	0.01								
J23-J24							A	65.04	C	79.43				

APPROACH BRIDGE GIRDER G1 J24-J25														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
							A	C						
1	LWEB	PL	3065* 17	8197		50.25	A	25.12	C	25.12				
7	HANGER	PL	90* 9	150		0.19	A	0.19						
7	HANGER	PL	90* 9	150		0.19	A	0.19						
1	VSTF	PL	240* 19	2947		1.41	C	1.41						
2	VSTF	PL	240* 19	2947		2.83	C	2.83						
1	VSTF	PL	240* 19	2947		1.41	C	1.41						
5	HSTF	PL	160* 17	1096		1.75	C	1.75						
1	HSTF	PL	160* 17	1025		0.33	C	0.33						
1	RWEB	PL	2730* 17	8188		44.71	A	22.35	C	22.35				
6	HANGER	PL	90* 9	150		0.16	A	0.16						
6	HANGER	PL	90* 9	150		0.16	A	0.16						
1	VSTF	PL	240* 19	2615		1.26	C	1.26						

Caluculation of Steel Primer

(Unit: mm, m²)

2	VSTF	PL	240* 19	2615		2.51	C	2.51						
1	VSTF	PL	240* 19	2615		1.26	C	1.26						
5	HSTF	PL	160* 17	1095		1.75	C	1.75						
1	HSTF	PL	160* 17	1025		0.33	C	0.33						
1	LFLG	PL	1744* 32	8176		28.52	A	16.26	C	12.26				
2	LRIB	PL	200* 22	8153		6.52	C	6.52						
2	MIZUNUKI	FB	50* 6	524		0.10	C	0.10						
1	MIZUNUKI	FB	50* 6	520		0.05	C	0.05						
1	MIZUNUKI	PL	75* 22	75	70	0.01								
J24-J25							A	64.43	C	81.24				

APPROACH BRIDGE GIRDER G1 J25-J26													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	LWEB	PL	3070* 17	8484		52.09	A	26.05	C	26.05			
7	HANGER	PL	90* 9	150		0.19	A	0.19					
7	HANGER	PL	90* 9	150		0.19	A	0.19					
1	VSTF	PL	240* 19	2947		1.41	C	1.41					
1	VSTF	PL	240* 19	2947		1.41	C	1.41					
1	VSTF	PL	240* 19	2948		1.42	C	1.42					
1	HSTF	PL	160* 17	151		0.05	C	0.05					
2	HSTF	PL	160* 17	1096		0.70	C	0.70					
1	HSTF	PL	160* 17	1140		0.36	C	0.36					
1	HSTF	PL	160* 17	1137		0.36	C	0.36					
2	HSTF	PL	160* 17	1064		0.68	C	0.68					
1	HSTF	PL	160* 17	182		0.06	C	0.06					
1	RWEB	PL	2730* 17	8478		46.29	A	23.14	C	23.14			
5	HANGER	PL	90* 9	150		0.14	A	0.14					
5	HANGER	PL	90* 9	150		0.14	A	0.14					
1	VSTF	PL	240* 19	2615		1.26	C	1.26					
2	VSTF	PL	240* 19	2615		2.51	C	2.51					
1	HSTF	PL	160* 17	150		0.05	C	0.05					
1	HSTF	PL	160* 17	1095		0.35	C	0.35					
1	HSTF	PL	160* 17	1094		0.35	C	0.35					
2	HSTF	PL	160* 17	1121		0.72	C	0.72					
2	HSTF	PL	160* 17	1075		0.69	C	0.69					
1	HSTF	PL	160* 17	189		0.06	C	0.06					
1	LFLG	PL	1755* 41	8469		29.73	A	16.94	C	12.78			
2	LRIB	PL	200* 22	8445		6.76	C	6.76					
2	MIZUNUKI	FB	50* 6	524		0.10	C	0.10					
1	MIZUNUKI	FB	50* 6	520		0.05	C	0.05					
1	MIZUNUKI	PL	75* 22	75	70	0.01							

Caluculation of Steel Primer

(Unit: mm, m²)

J25-J26				A	66.79	C	81.32			
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APPROACH BRIDGE GIRDER G1 J26-J27												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	LWEB	PL	3069* 17	7849		48.18	A	24.09	C	24.09		
7	HANGER	PL	90* 9	150		0.19	A	0.19				
7	HANGER	PL	90* 9	150		0.19	A	0.19				
2	VSTF	PL	240* 19	2947		2.83	C	2.83				
2	VSTF	PL	240* 19	2947		2.83	C	2.83				
1	HSTF	PL	160* 17	180		0.06	C	0.06				
1	HSTF	PL	160* 17	808		0.26	C	0.26				
2	HSTF	PL	160* 17	1064		0.68	C	0.68				
2	HSTF	PL	160* 17	1089		0.70	C	0.70				
1	HSTF	PL	160* 17	727		0.23	C	0.23				
1	HSTF	PL	160* 17	248		0.08	C	0.08				
1	RWEB	PL	2730* 17	7876		43.00	A	21.50	C	21.50		
5	HANGER	PL	90* 9	150		0.14	A	0.14				
5	HANGER	PL	90* 9	150		0.14	A	0.14				
2	VSTF	PL	240* 19	2615		2.51	C	2.51				
2	VSTF	PL	240* 19	2615		2.51	C	2.51				
1	HSTF	PL	160* 17	186		0.06	C	0.06				
1	HSTF	PL	160* 17	815		0.26	C	0.26				
2	HSTF	PL	160* 17	1075		0.69	C	0.69				
2	HSTF	PL	160* 17	1090		0.70	C	0.70				
1	HSTF	PL	160* 17	722		0.23	C	0.23				
1	HSTF	PL	160* 17	254		0.08	C	0.08				
1	LFLG	PL	1756* 44	7862		27.61	A	15.74	C	11.87		
2	LRIB	PL	200* 22	7831		6.26	C	6.26				
2	MIZUNUKI	FB	50* 6	524		0.10	C	0.10				
1	MIZUNUKI	FB	50* 6	520		0.05	C	0.05				
1	MIZUNUKI	PL	75* 22	75	70	0.01						
J26-J27				A	61.99	C	78.58					

APPROACH BRIDGE GIRDER G1 J27-J28												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	LWEB	PL	3062* 17	7131		43.67	A	21.84	C	21.84		
6	HANGER	PL	90* 9	150		0.16	A	0.16				
6	HANGER	PL	90* 9	150		0.16	A	0.16				
2	VSTF	PL	240* 19	2947		2.83	C	2.83				
1	VSTF	PL	240* 19	2947		1.41	C	1.41				
1	HSTF	PL	160* 17	249		0.08	C	0.08				

Caluculation of Steel Primer

(Unit: mm, m²)

4	HSTF	PL	160* 17	1092		1.40	C	1.40						
1	HSTF	PL	160* 17	852		0.27	C	0.27						
1	HSTF	PL	160* 17	184		0.06	C	0.06						
1	RWEB	PL	2730* 17	7131		38.94	A	19.47	C	19.47				
5	HANGER	PL	90* 9	150		0.14	A	0.14						
5	HANGER	PL	90* 9	150		0.14	A	0.14						
2	VSTF	PL	240* 19	2615		2.51	C	2.51						
1	VSTF	PL	240* 19	2615		1.26	C	1.26						
1	HSTF	PL	160* 17	249		0.08	C	0.08						
4	HSTF	PL	160* 17	1092		1.40	C	1.40						
1	HSTF	PL	160* 17	852		0.27	C	0.27						
1	HSTF	PL	160* 17	184		0.06	C	0.06						
1	LFLG	PL	1740* 44	7118		24.77	A	14.12	C	10.65				
2	LRIB	PL	200* 22	7098		5.68	C	5.68						
2	MIZUNUKI	FB	50* 6	524		0.10	C	0.10						
1	MIZUNUKI	FB	50* 6	520		0.05	C	0.05						
1	MIZUNUKI	PL	75* 22	75	70	0.01								
J27-J28							A	56.03	C	69.42				

APPROACH BRIDGE GIRDER G1 J28-J29													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
1	LWEB	PL	3062* 17	7111		43.55	A	21.77	C	21.77			
6	HANGER	PL	90* 9	150		0.16	A	0.16					
6	HANGER	PL	90* 9	150		0.16	A	0.16					
1	VSTF	PL	240* 19	2947		1.41	C	1.41					
2	VSTF	PL	240* 19	2947		2.83	C	2.83					
1	HSTF	PL	160* 17	189		0.06	C	0.06					
2	HSTF	PL	160* 17	1092		0.70	C	0.70					
2	HSTF	PL	160* 17	1093		0.70	C	0.70					
1	HSTF	PL	160* 17	952		0.30	C	0.30					
1	RWEB	PL	2730* 17	7111		38.83	A	19.41	C	19.41			
4	HANGER	PL	90* 9	150		0.11	A	0.11					
4	HANGER	PL	90* 9	150		0.11	A	0.11					
1	VSTF	PL	240* 19	2615		1.26	C	1.26					
2	VSTF	PL	240* 19	2615		2.51	C	2.51					
1	HSTF	PL	160* 17	189		0.06	C	0.06					
2	HSTF	PL	160* 17	1092		0.70	C	0.70					
2	HSTF	PL	160* 17	1093		0.70	C	0.70					
1	HSTF	PL	160* 17	953		0.30	C	0.30					
1	LFLG	PL	1740* 44	7099		24.70	A	14.08	C	10.62			
2	LRIB	PL	200* 22	7079		5.66	C	5.66					
2	MIZUNUKI	FB	50* 6	524		0.10	C	0.10					

Caluculation of Steel Primer

(Unit: mm, m²)

1	MIZUNUKI	FB	50* 6	520		0.05	C	0.05					
1	MIZUNUKI	PL	75* 22	75	70	0.01							
J28-J29							A	55.80	C	69.14			

APPROACH BRIDGE GIRDER G1 J29-J30													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	LWEB	PL	3062* 17	8407		51.48	A	25.74	C	25.74			
7	HANGER	PL	90* 9	150		0.19	A	0.19					
7	HANGER	PL	90* 9	150		0.19	A	0.19					
2	VSTF	PL	240* 19	2947		2.83	C	2.83					
1	VSTF	PL	240* 19	2947		1.41	C	1.41					
6	HSTF	PL	160* 17	1093		2.10	C	2.10					
1	RWEB	PL	2730* 17	8408		45.91	A	22.95	C	22.95			
5	HANGER	PL	90* 9	150		0.14	A	0.14					
5	HANGER	PL	90* 9	150		0.14	A	0.14					
2	VSTF	PL	240* 19	2615		2.51	C	2.51					
1	VSTF	PL	240* 19	2615		1.26	C	1.26					
6	HSTF	PL	160* 17	1093		2.10	C	2.10					
1	LFLG	PL	1740* 38	8397		29.22	A	16.66	C	12.57			
2	LRIB	PL	200* 22	8377		6.70	C	6.70					
2	MIZUNUKI	FB	50* 6	524		0.10	C	0.10					
1	MIZUNUKI	FB	50* 6	520		0.05	C	0.05					
1	MIZUNUKI	PL	75* 22	75	70	0.01							
J29-J30							A	66.01	C	80.32			

APPROACH BRIDGE GIRDER G1 J30-J31													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	LWEB	PL	3062* 17	8168		50.02	A	25.01	C	25.01			
7	HANGER	PL	90* 9	150		0.19	A	0.19					
7	HANGER	PL	90* 9	150		0.19	A	0.19					
1	VSTF	PL	240* 19	2947		1.41	C	1.41					
2	VSTF	PL	240* 19	2947		2.83	C	2.83					
1	VSTF	PL	240* 19	2947		1.41	C	1.41					
6	HSTF	PL	160* 17	1093		2.10	C	2.10					
1	HSTF	PL	160* 17	214		0.07	C	0.07					
1	RWEB	PL	2731* 17	8168		44.61	A	22.31	C	22.31			
6	HANGER	PL	90* 9	150		0.16	A	0.16					
6	HANGER	PL	90* 9	150		0.16	A	0.16					
1	VSTF	PL	240* 19	2615		1.26	C	1.26					
2	VSTF	PL	240* 19	2615		2.51	C	2.51					

Caluculation of Steel Primer

(Unit: mm, m²)

1	VSTF	PL	240* 19	2615		1.26	C	1.26					
6	HSTF	PL	160* 17	1093		2.10	C	2.10					
1	HSTF	PL	160* 17	214		0.07	C	0.07					
1	LFLG	PL	1740* 27	8159		28.39	A	16.18	C	12.21			
2	LRIB	PL	200* 22	8139		6.51	C	6.51					
2	MIZUNUKI	FB	50* 6	524		0.10	C	0.10					
1	MIZUNUKI	FB	50* 6	520		0.05	C	0.05					
1	MIZUNUKI	PL	75* 22	75	70	0.01							
J30-J31							A	64.20	C	81.21			

APPROACH BRIDGE GIRDER G1 J31-J32													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
							A	C					
1	LWEB	PL	3091* 15	8369		51.74	A	25.87	C	25.87			
7	HANGER	PL	90* 9	150		0.19	A	0.19					
7	HANGER	PL	90* 9	150		0.19	A	0.19					
1	VSTF	PL	240* 19	2947		1.41	C	1.41					
2	VSTF	PL	240* 19	2947		2.83	C	2.83					
1	HSTF	PL	160* 17	219		0.07	C	0.07					
1	HSTF	PL	160* 17	1108		0.35	C	0.35					
1	HSTF	PL	160* 17	1107		0.35	C	0.35					
1	HSTF	PL	160* 17	1120		0.36	C	0.36					
1	HSTF	PL	160* 17	1121		0.36	C	0.36					
2	HSTF	PL	160* 17	1108		0.71	C	0.71					
1	HSTF	PL	160* 17	230		0.07	C	0.07					
1	RWEB	PL	2730* 15	8312		45.38	A	22.69	C	22.69			
5	HANGER	PL	90* 9	150		0.14	A	0.14					
5	HANGER	PL	90* 9	150		0.14	A	0.14					
1	VSTF	PL	240* 19	2615		1.26	C	1.26					
2	VSTF	PL	240* 19	2615		2.51	C	2.51					
1	HSTF	PL	160* 17	219		0.07	C	0.07					
1	HSTF	PL	160* 17	1102		0.35	C	0.35					
1	HSTF	PL	160* 17	1102		0.35	C	0.35					
1	HSTF	PL	160* 17	1110		0.36	C	0.36					
1	HSTF	PL	160* 17	1110		0.36	C	0.36					
1	HSTF	PL	160* 17	1097		0.35	C	0.35					
1	HSTF	PL	160* 17	1097		0.35	C	0.35					
1	HSTF	PL	160* 17	224		0.07	C	0.07					
1	LFLG	PL	1766* 24	8339		29.45	A	16.79	C	12.66			
2	LRIB	PL	200* 22	8301		6.64	C	6.64					
2	MIZUNUKI	FB	50* 6	524		0.10	C	0.10					
1	MIZUNUKI	FB	50* 6	520		0.05	C	0.05					
1	MIZUNUKI	PL	75* 22	75	70	0.01							

J31-J32		A	66.01	C	80.55				
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APPROACH BRIDGE GIRDER G1 J32-GE2

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
1	LWEB	PL	3121* 15	7676		47.91	B	23.96	C	23.96			
6	HANGER	PL	90* 9	150		0.16	B	0.16					
6	HANGER	PL	90* 9	150		0.16	B	0.16					
2	VSTF	PL	240* 19	2947		2.83	C	2.83					
1	VSTF	PL	240* 19	2947		1.41	C	1.41					
1	HSTF	PL	160* 17	257		0.08	C	0.08					
1	HSTF	PL	160* 17	1144		0.37	C	0.37					
3	HSTF	PL	160* 17	1079		1.04	C	1.04					
1	HSTF	PL	160* 17	1072		0.34	C	0.34					
1	RWEB	PL	2730* 15	7472		40.80	B	20.40	C	20.40			
4	HANGER	PL	90* 9	150		0.11	B	0.11					
4	HANGER	PL	90* 9	150		0.11	B	0.11					
2	VSTF	PL	240* 19	2615		2.51	C	2.51					
1	VSTF	PL	240* 19	2615		1.26	C	1.26					
1	HSTF	PL	160* 17	235		0.08	C	0.08					
1	HSTF	PL	160* 17	1120		0.36	C	0.36					
3	HSTF	PL	160* 17	1079		1.04	C	1.04					
1	HSTF	PL	160* 17	1072		0.34	C	0.34					
1	LFLG	PL	1890* 12	7490	93	26.33	B	15.01	C	11.32			
1	LRIB	PL	170* 17	5980		2.03	C	2.03					
1	LRIB	PL	170* 17	7469		2.54	C	2.54					
1	LRIB	PL	170* 17	499		0.17	C	0.17					
1	SOLE	PL	1130* 41	970	95	2.08							
2	MIZUNUKI	FB	50* 6	524		0.10	C	0.10					
1	MIZUNUKI	FB	50* 6	520		0.05	C	0.05					
1	MIZUNUKI	PL	75* 22	75	70	0.01							
2	FLG	PL	100* 13	1721		0.69	C	0.69					
2	WEB	PL	400* 13	1721		2.75	C	2.75					

J32-GE2		B	59.91	C	75.67				
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G1		A	1907.04	B	126.23	C	2679.52		
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Caluculation of Steel Primer

(Unit: mm, m²)

APPROACH BRIDGE GIRDER G2 GE1-J1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	LWEB	PL	2673* 14	8431		45.07	B	22.54	C	22.54		
5	HANGER	PL	90* 9	150		0.14	B	0.14				
5	HANGER	PL	90* 9	150		0.14	B	0.14				
1	VSTF	PL	190* 15	2562		0.97	C	0.97				
2	VSTF	PL	190* 15	2562		1.95	C	1.95				
1	HSTF	PL	140* 11	1081		0.30	C	0.30				
1	HSTF	PL	140* 11	1085		0.30	C	0.30				
4	HSTF	PL	140* 11	1083		1.21	C	1.21				
1	HSTF	PL	140* 11	288		0.08	C	0.08				
1	RWEB	PL	2727* 14	8421		45.93	B	22.96	C	22.96		
5	HANGER	PL	90* 9	150		0.14	B	0.14				
5	HANGER	PL	90* 9	150		0.14	B	0.14				
1	VSTF	PL	190* 15	2612		0.99	C	0.99				
2	VSTF	PL	190* 15	2612		1.99	C	1.99				
1	HSTF	PL	140* 11	1079		0.30	C	0.30				
5	HSTF	PL	140* 11	1082		1.51	C	1.51				
1	HSTF	PL	140* 11	287		0.08	C	0.08				
1	LFLG	PL	2944* 10	8377		49.32	B	26.63	C	22.69		
3	LRIB	PL	170* 17	8351		8.52	C	8.52				
1	SOLE	PL	1130* 52	1020	95	2.19						
1	MIZUNUKI	FB	50* 6	672		0.10	C	0.10				
1	MIZUNUKI	FB	50* 6	668		0.10	C	0.10				
1	MIZUNUKI	FB	50* 6	677		0.10	C	0.10				
1	MIZUNUKI	FB	50* 6	690		0.10	C	0.10				
1	MIZUNUKI	PL	75* 22	75	70	0.01						
2	FLG	PL	200* 22	2690		2.15	C	2.15				
2	WEB	PL	400* 22	2690		4.30	C	4.30				
GE1-J1							B	72.69	C	93.24		

APPROACH BRIDGE GIRDER G2 J1-J2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	LWEB	PL	2673* 14	8348		44.63	A	22.31	C	22.31		
5	HANGER	PL	90* 9	150		0.14	A	0.14				
5	HANGER	PL	90* 9	150		0.14	A	0.14				
2	VSTF	PL	190* 15	2562		1.95	C	1.95				
2	VSTF	PL	190* 15	2562		1.95	C	1.95				
1	HSTF	PL	140* 11	285		0.08	C	0.08				
1	HSTF	PL	140* 11	1083		0.30	C	0.30				
5	HSTF	PL	140* 11	1108		1.55	C	1.55				

Caluculation of Steel Primer

(Unit: mm, m²)

1	HSTF	PL	140* 11	223		0.06	C	0.06						
1	RWEB	PL	2727* 14	8338		45.48	A	22.74	C	22.74				
5	HANGER	PL	90* 9	150		0.14	A	0.14						
5	HANGER	PL	90* 9	150		0.14	A	0.14						
2	VSTF	PL	190* 15	2612		1.99	C	1.99						
2	VSTF	PL	190* 15	2612		1.99	C	1.99						
1	HSTF	PL	140* 11	284		0.08	C	0.08						
1	HSTF	PL	140* 11	1082		0.30	C	0.30						
5	HSTF	PL	140* 11	1107		1.55	C	1.55						
1	HSTF	PL	140* 11	222		0.06	C	0.06						
1	LFLG	PL	2944* 10	8295		48.84	A	26.37	C	22.47				
3	LRIB	PL	170* 17	8269		8.43	C	8.43						
1	MIZUNUKI	FB	50* 6	672		0.10	C	0.10						
1	MIZUNUKI	FB	50* 6	668		0.10	C	0.10						
1	MIZUNUKI	FB	50* 6	677		0.10	C	0.10						
1	MIZUNUKI	FB	50* 6	690		0.10	C	0.10						
1	MIZUNUKI	PL	75* 22	75	70	0.01								
J1-J2							A	71.98	C	88.21				

APPROACH BRIDGE GIRDER G2 J2-J3														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	LWEB	PL	2672* 14	8384		44.80	A	22.40	C	22.40				
5	HANGER	PL	90* 9	150		0.14	A	0.14						
5	HANGER	PL	90* 9	150		0.14	A	0.14						
2	VSTF	PL	190* 15	2562		1.95	C	1.95						
1	VSTF	PL	190* 15	2562		0.97	C	0.97						
1	HSTF	PL	140* 11	226		0.06	C	0.06						
6	HSTF	PL	140* 11	1108		1.86	C	1.86						
1	HSTF	PL	140* 11	226		0.06	C	0.06						
1	RWEB	PL	2726* 14	8374		45.66	A	22.83	C	22.83				
5	HANGER	PL	90* 9	150		0.14	A	0.14						
5	HANGER	PL	90* 9	150		0.14	A	0.14						
2	VSTF	PL	190* 15	2612		1.99	C	1.99						
1	VSTF	PL	190* 15	2612		0.99	C	0.99						
1	HSTF	PL	140* 11	225		0.06	C	0.06						
6	HSTF	PL	140* 11	1107		1.86	C	1.86						
1	HSTF	PL	140* 11	225		0.06	C	0.06						
1	LFLG	PL	2944* 16	8333		49.06	A	26.49	C	22.57				
3	LRIB	PL	170* 17	8307		8.47	C	8.47						
1	MIZUNUKI	FB	50* 6	672		0.10	C	0.10						
1	MIZUNUKI	FB	50* 6	668		0.10	C	0.10						
1	MIZUNUKI	FB	50* 6	677		0.10	C	0.10						

Caluculation of Steel Primer

(Unit: mm, m²)

1	MIZUNUKI	FB	50* 6	690		0.10	C	0.10					
1	MIZUNUKI	PL	75* 22	75	70	0.01							
J2-J3							A	72.28	C	86.53			

APPROACH BRIDGE GIRDER G2 J3-J4													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	LWEB	PL	2672* 14	8332		44.53	A	22.26	C	22.26			
6	HANGER	PL	90* 9	150		0.16	A	0.16					
6	HANGER	PL	90* 9	150		0.16	A	0.16					
1	VSTF	PL	190* 15	2562		0.97	C	0.97					
2	VSTF	PL	190* 15	2562		1.95	C	1.95					
1	VSTF	PL	190* 15	2562		0.97	C	0.97					
1	HSTF	PL	140* 11	223		0.06	C	0.06					
6	HSTF	PL	140* 11	1108		1.86	C	1.86					
1	HSTF	PL	140* 11	173		0.05	C	0.05					
1	RWEB	PL	2726* 14	8322		45.37	A	22.69	C	22.69			
6	HANGER	PL	90* 9	150		0.16	A	0.16					
6	HANGER	PL	90* 9	150		0.16	A	0.16					
1	VSTF	PL	190* 15	2612		0.99	C	0.99					
2	VSTF	PL	190* 15	2612		1.99	C	1.99					
1	VSTF	PL	190* 15	2612		0.99	C	0.99					
1	HSTF	PL	140* 11	222		0.06	C	0.06					
6	HSTF	PL	140* 11	1107		1.86	C	1.86					
1	HSTF	PL	140* 11	172		0.05	C	0.05					
1	LFLG	PL	2944* 16	8282		48.76	A	26.33	C	22.43			
3	LRIB	PL	170* 17	8256		8.42	C	8.42					
1	MIZUNUKI	FB	50* 6	672		0.10	C	0.10					
1	MIZUNUKI	FB	50* 6	668		0.10	C	0.10					
1	MIZUNUKI	FB	50* 6	677		0.10	C	0.10					
1	MIZUNUKI	FB	50* 6	690		0.10	C	0.10					
1	MIZUNUKI	PL	75* 22	75	70	0.01							
J3-J4							A	71.92	C	88.00			

APPROACH BRIDGE GIRDER G2 J4-J5													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	LWEB	PL	2672* 14	8430		45.05	A	22.52	C	22.52			
5	HANGER	PL	90* 9	150		0.14	A	0.14					
5	HANGER	PL	90* 9	150		0.14	A	0.14					
1	VSTF	PL	190* 15	2562		0.97	C	0.97					
2	VSTF	PL	190* 15	2562		1.95	C	1.95					

Caluculation of Steel Primer

(Unit: mm, m²)

1	HSTF	PL	140* 11	276	0.08	C	0.08						
6	HSTF	PL	140* 11	1108	1.86	C	1.86						
1	HSTF	PL	140* 11	226	0.06	C	0.06						
1	RWEB	PL	2726* 14	8420	45.91	A	22.95	C	22.95				
5	HANGER	PL	90* 9	150	0.14	A	0.14						
5	HANGER	PL	90* 9	150	0.14	A	0.14						
1	VSTF	PL	190* 15	2612	0.99	C	0.99						
2	VSTF	PL	190* 15	2612	1.99	C	1.99						
1	HSTF	PL	140* 11	275	0.08	C	0.08						
6	HSTF	PL	140* 11	1107	1.86	C	1.86						
1	HSTF	PL	140* 11	225	0.06	C	0.06						
1	LFLG	PL	2944* 16	8382	49.35	A	26.65	C	22.70				
3	LRIB	PL	170* 17	8356	8.52	C	8.52						
1	MIZUNUKI	FB	50* 6	672	0.10	C	0.10						
1	MIZUNUKI	FB	50* 6	668	0.10	C	0.10						
1	MIZUNUKI	FB	50* 6	677	0.10	C	0.10						
1	MIZUNUKI	FB	50* 6	690	0.10	C	0.10						
1	MIZUNUKI	PL	75* 22	75 70	0.01								
J4-J5						A	72.68	C	86.99				

APPROACH BRIDGE GIRDER G2 J5-J6													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
1	LWEB	PL	2672* 14	8379	44.78	A	22.39	C	22.39				
5	HANGER	PL	90* 9	150	0.14	A	0.14						
5	HANGER	PL	90* 9	150	0.14	A	0.14						
2	VSTF	PL	190* 15	2562	1.95	C	1.95						
2	VSTF	PL	190* 15	2562	1.95	C	1.95						
1	HSTF	PL	140* 11	223	0.06	C	0.06						
6	HSTF	PL	140* 11	1108	1.86	C	1.86						
1	HSTF	PL	140* 11	223	0.06	C	0.06						
1	RWEB	PL	2726* 14	8368	45.62	A	22.81	C	22.81				
5	HANGER	PL	90* 9	150	0.14	A	0.14						
5	HANGER	PL	90* 9	150	0.14	A	0.14						
2	VSTF	PL	190* 15	2612	1.99	C	1.99						
2	VSTF	PL	190* 15	2612	1.99	C	1.99						
1	HSTF	PL	140* 11	222	0.06	C	0.06						
6	HSTF	PL	140* 11	1107	1.86	C	1.86						
1	HSTF	PL	140* 11	222	0.06	C	0.06						
1	LFLG	PL	2944* 16	8332	49.06	A	26.49	C	22.57				
3	LRIB	PL	170* 17	8306	8.47	C	8.47						
1	MIZUNUKI	FB	50* 6	672	0.10	C	0.10						
1	MIZUNUKI	FB	50* 6	668	0.10	C	0.10						

Caluculation of Steel Primer

(Unit: mm, m²)

1	MIZUNUKI	FB	50* 6	677		0.10	C	0.10					
1	MIZUNUKI	FB	50* 6	690		0.10	C	0.10					
1	MIZUNUKI	PL	75* 22	75	70	0.01							
J5-J6							A	72.25	C	88.48			

APPROACH BRIDGE GIRDER G2 J6-J7													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	LWEB	PL	2673* 14	8377		44.78	A	22.39	C	22.39			
5	HANGER	PL	90* 9	150		0.14	A	0.14					
5	HANGER	PL	90* 9	150		0.14	A	0.14					
2	VSTF	PL	190* 15	2562		1.95	C	1.95					
1	VSTF	PL	190* 15	2562		0.97	C	0.97					
1	HSTF	PL	140* 11	226		0.06	C	0.06					
6	HSTF	PL	140* 11	1108		1.86	C	1.86					
1	HSTF	PL	140* 11	301		0.08	C	0.08					
1	RWEB	PL	2727* 14	8367		45.63	A	22.82	C	22.82			
5	HANGER	PL	90* 9	150		0.14	A	0.14					
5	HANGER	PL	90* 9	150		0.14	A	0.14					
2	VSTF	PL	190* 15	2612		1.99	C	1.99					
1	VSTF	PL	190* 15	2612		0.99	C	0.99					
1	HSTF	PL	140* 11	225		0.06	C	0.06					
6	HSTF	PL	140* 11	1107		1.86	C	1.86					
1	HSTF	PL	140* 11	300		0.08	C	0.08					
1	LFLG	PL	2944* 10	8332		49.06	A	26.49	C	22.57			
3	LRIB	PL	170* 17	8306		8.47	C	8.47					
4	LRIB	PL	170* 17	545		0.74	C	0.74					
1	MIZUNUKI	FB	50* 6	672		0.10	C	0.10					
1	MIZUNUKI	FB	50* 6	668		0.10	C	0.10					
1	MIZUNUKI	FB	50* 6	677		0.10	C	0.10					
1	MIZUNUKI	FB	50* 6	690		0.10	C	0.10					
1	MIZUNUKI	PL	75* 22	75	70	0.01							
J6-J7							A	72.26	C	87.29			

APPROACH BRIDGE GIRDER G2 J7-J8													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	LWEB	PL	2673* 14	8375		44.77	A	22.39	C	22.39			
6	HANGER	PL	90* 9	150		0.16	A	0.16					
6	HANGER	PL	90* 9	150		0.16	A	0.16					
1	VSTF	PL	190* 15	2562		0.97	C	0.97					
2	VSTF	PL	190* 15	2597		1.97	C	1.97					

Caluculation of Steel Primer

(Unit: mm, m²)

1	VSTF	PL	190* 15	2597	0.99	C	0.99													
1	HSTF	PL	140* 11	298	0.08	C	0.08													
4	HSTF	PL	140* 11	1108	1.24	C	1.24													
1	HSTF	PL	140* 11	1105	0.31	C	0.31													
2	HSTF	PL	140* 11	1108	0.62	C	0.62													
2	HSTF	PL	140* 11	1105	0.62	C	0.62													
1	HSTF	PL	140* 11	298	0.08	C	0.08													
1	RWEB	PL	2727* 14	8365	45.62	A	22.81	C	22.81											
6	HANGER	PL	90* 9	150	0.16	A	0.16													
6	HANGER	PL	90* 9	150	0.16	A	0.16													
1	VSTF	PL	190* 15	2612	0.99	C	0.99													
2	VSTF	PL	190* 15	2647	2.01	C	2.01													
1	VSTF	PL	190* 15	2647	1.01	C	1.01													
1	HSTF	PL	140* 11	297	0.08	C	0.08													
4	HSTF	PL	140* 11	1107	1.24	C	1.24													
1	HSTF	PL	140* 11	1104	0.31	C	0.31													
2	HSTF	PL	140* 11	1107	0.62	C	0.62													
2	HSTF	PL	140* 11	1104	0.62	C	0.62													
1	HSTF	PL	140* 11	297	0.08	C	0.08													
1	LFLG	PL	2944* 10	8332	49.06	A	26.49	C	22.57											
7	LRIB	PL	170* 17	8306	19.77	C	19.77													
1	MIZUNUKI	FB	50* 6	330	0.05	C	0.05													
3	MIZUNUKI	FB	50* 6	327	0.10	C	0.10													
1	MIZUNUKI	FB	50* 6	329	0.05	C	0.05													
2	MIZUNUKI	FB	50* 6	331	0.10	C	0.10													
1	MIZUNUKI	FB	50* 6	334	0.05	C	0.05													
1	MIZUNUKI	PL	75* 22	75	70	0.01														
							J7-J8	A	72.33	C	101.73									

APPROACH BRIDGE GIRDER G2 J8-J9														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
1	LWEB	PL	2673* 14	7045		37.66	A	18.83	C	18.83				
4	HANGER	PL	90* 9	150		0.11	A	0.11						
4	HANGER	PL	90* 9	150		0.11	A	0.11						
1	VSTF	PL	190* 15	2597		0.99	C	0.99						
2	VSTF	PL	190* 15	2597		1.97	C	1.97						
1	HSTF	PL	140* 11	884		0.25	C	0.25						
2	HSTF	PL	140* 11	1080		0.60	C	0.60						
2	HSTF	PL	140* 11	1083		0.61	C	0.61						
1	HSTF	PL	140* 11	210		0.06	C	0.06						
1	RWEB	PL	2727* 14	7037		38.38	A	19.19	C	19.19				
4	HANGER	PL	90* 9	150		0.11	A	0.11						

Caluculation of Steel Primer

(Unit: mm, m²)

4	HANGER	PL	90* 9	150		0.11	A	0.11							
1	VSTF	PL	190* 15	2647		1.01	C	1.01							
2	VSTF	PL	190* 15	2647		2.01	C	2.01							
1	HSTF	PL	140* 11	883		0.25	C	0.25							
2	HSTF	PL	140* 11	1079		0.60	C	0.60							
2	HSTF	PL	140* 11	1082		0.61	C	0.61							
1	HSTF	PL	140* 11	209		0.06	C	0.06							
1	LFLG	PL	2943* 12	7004		41.23	A	22.26	C	18.96					
7	LRIB	PL	170* 17	6979		16.61	C	16.61							
1	MIZUNUKI	FB	50* 6	330		0.05	C	0.05							
3	MIZUNUKI	FB	50* 6	327		0.10	C	0.10							
1	MIZUNUKI	FB	50* 6	329		0.05	C	0.05							
2	MIZUNUKI	FB	50* 6	331		0.10	C	0.10							
1	MIZUNUKI	FB	50* 6	334		0.05	C	0.05							
1	MIZUNUKI	PL	75* 22	75	70	0.01									
J8-J9							A	60.72	C	82.96					

APPROACH BRIDGE GIRDER G2 J9-J10														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
1	LWEB	PL	2673* 14	5913		31.61	A	15.81	C	15.81				
4	HANGER	PL	90* 9	150		0.11	A	0.11						
4	HANGER	PL	90* 9	150		0.11	A	0.11						
2	VSTF	PL	190* 15	2597		1.97	C	1.97						
1	HSTF	PL	140* 11	210		0.06	C	0.06						
1	HSTF	PL	140* 11	1080		0.30	C	0.30						
1	HSTF	PL	140* 11	963		0.27	C	0.27						
1	HSTF	PL	140* 11	981		0.27	C	0.27						
1	HSTF	PL	140* 11	1099		0.31	C	0.31						
1	HSTF	PL	140* 11	219		0.06	C	0.06						
1	RWEB	PL	2727* 14	5906		32.21	A	16.11	C	16.11				
4	HANGER	PL	90* 9	150		0.11	A	0.11						
4	HANGER	PL	90* 9	150		0.11	A	0.11						
2	VSTF	PL	190* 15	2647		2.01	C	2.01						
1	HSTF	PL	140* 11	209		0.06	C	0.06						
1	HSTF	PL	140* 11	1079		0.30	C	0.30						
1	HSTF	PL	140* 11	961		0.27	C	0.27						
1	HSTF	PL	140* 11	980		0.27	C	0.27						
1	HSTF	PL	140* 11	1097		0.31	C	0.31						
1	HSTF	PL	140* 11	219		0.06	C	0.06						
1	LFLG	PL	2942* 14	5873		34.56	A	18.66	C	15.90				
7	LRIB	PL	170* 17	5849		13.92	C	13.92						
1	SOLE	PL	1100* 48	970	95	2.03								

Caluculation of Steel Primer

(Unit: mm, m²)

1	MIZUNUKI	FB	50* 6	330		0.05	C	0.05						
3	MIZUNUKI	FB	50* 6	327		0.10	C	0.10						
1	MIZUNUKI	FB	50* 6	329		0.05	C	0.05						
2	MIZUNUKI	FB	50* 6	331		0.10	C	0.10						
1	MIZUNUKI	FB	50* 6	334		0.05	C	0.05						
1	MIZUNUKI	PL	75* 22	75	70	0.01								
2	FLG	PL	180* 13	2690		1.94	C	1.94						
2	WEB	PL	400* 13	2690		4.30	C	4.30						
J9-J10							A	51.02	C	74.85				

APPROACH BRIDGE GIRDER G2 J10-J11														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
							A	C						
1	LWEB	PL	2673* 14	7152		38.23	A	19.12	C	19.12				
4	HANGER	PL	90* 9	150		0.11	A	0.11						
4	HANGER	PL	90* 9	150		0.11	A	0.11						
2	VSTF	PL	190* 15	2597		1.97	C	1.97						
1	VSTF	PL	190* 15	2597		0.99	C	0.99						
1	HSTF	PL	140* 11	219		0.06	C	0.06						
2	HSTF	PL	140* 11	1102		0.62	C	0.62						
2	HSTF	PL	140* 11	1099		0.62	C	0.62						
1	HSTF	PL	140* 11	903		0.25	C	0.25						
1	RWEB	PL	2727* 14	7144		38.96	A	19.48	C	19.48				
4	HANGER	PL	90* 9	150		0.11	A	0.11						
4	HANGER	PL	90* 9	150		0.11	A	0.11						
2	VSTF	PL	190* 15	2647		2.01	C	2.01						
1	VSTF	PL	190* 15	2647		1.01	C	1.01						
1	HSTF	PL	140* 11	219		0.06	C	0.06						
2	HSTF	PL	140* 11	1100		0.62	C	0.62						
2	HSTF	PL	140* 11	1097		0.61	C	0.61						
1	HSTF	PL	140* 11	901		0.25	C	0.25						
1	LFLG	PL	2943* 12	7114		41.87	A	22.61	C	19.26				
7	LRIB	PL	170* 17	7088		16.87	C	16.87						
1	MIZUNUKI	FB	50* 6	330		0.05	C	0.05						
3	MIZUNUKI	FB	50* 6	327		0.10	C	0.10						
1	MIZUNUKI	FB	50* 6	329		0.05	C	0.05						
2	MIZUNUKI	FB	50* 6	331		0.10	C	0.10						
1	MIZUNUKI	FB	50* 6	334		0.05	C	0.05						
1	MIZUNUKI	PL	75* 22	75	70	0.01								
J10-J11							A	61.65	C	84.15				

APPROACH BRIDGE GIRDER G2 J11-J12

Caluculation of Steel Primer

(Unit: mm, m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
1	LWEB	PL	2673* 14	8457		45.21	A	22.61	C	22.61			
6	HANGER	PL	90* 9	150		0.16	A	0.16					
6	HANGER	PL	90* 9	150		0.16	A	0.16					
1	VSTF	PL	190* 15	2597		0.99	C	0.99					
2	VSTF	PL	190* 15	2597		1.97	C	1.97					
1	VSTF	PL	190* 15	2597		0.99	C	0.99					
3	HSTF	PL	140* 11	1121		0.94	C	0.94					
1	HSTF	PL	140* 11	304		0.09	C	0.09					
1	HSTF	PL	140* 11	304		0.09	C	0.09					
2	HSTF	PL	140* 11	1118		0.63	C	0.63					
2	HSTF	PL	140* 11	1121		0.63	C	0.63					
2	HSTF	PL	140* 11	1118		0.63	C	0.63					
1	HSTF	PL	140* 11	304		0.09	C	0.09					
1	RWEB	PL	2727* 14	8446		46.06	A	23.03	C	23.03			
6	HANGER	PL	90* 9	150		0.16	A	0.16					
6	HANGER	PL	90* 9	150		0.16	A	0.16					
1	VSTF	PL	190* 15	2647		1.01	C	1.01					
2	VSTF	PL	190* 15	2647		2.01	C	2.01					
1	VSTF	PL	190* 15	2647		1.01	C	1.01					
3	HSTF	PL	140* 11	1119		0.94	C	0.94					
1	HSTF	PL	140* 11	303		0.08	C	0.08					
1	HSTF	PL	140* 11	303		0.08	C	0.08					
2	HSTF	PL	140* 11	1116		0.62	C	0.62					
2	HSTF	PL	140* 11	1119		0.63	C	0.63					
2	HSTF	PL	140* 11	1116		0.62	C	0.62					
1	HSTF	PL	140* 11	303		0.08	C	0.08					
1	LFLG	PL	2944* 10	8420		49.58	A	26.77	C	22.81			
7	LRIB	PL	170* 17	8393		19.98	C	19.98					
1	MIZUNUKI	FB	50* 6	330		0.05	C	0.05					
3	MIZUNUKI	FB	50* 6	327		0.10	C	0.10					
1	MIZUNUKI	FB	50* 6	329		0.05	C	0.05					
2	MIZUNUKI	FB	50* 6	331		0.10	C	0.10					
1	MIZUNUKI	FB	50* 6	334		0.05	C	0.05					
1	MIZUNUKI	PL	75* 22	75	70	0.01							
J11-J12							A	73.05	C	102.91			

APPROACH BRIDGE GIRDER G2 J12-J13												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	LWEB	PL	2673* 14	8455		45.20	A	22.60	C	22.60		
5	HANGER	PL	90* 9	150		0.14	A	0.14				

Caluculation of Steel Primer

(Unit: mm, m²)

5	HANGER	PL	90* 9	150	0.14	A	0.14													
1	VSTF	PL	190* 15	2597	0.99	C	0.99													
2	VSTF	PL	190* 15	2597	1.97	C	1.97													
1	HSTF	PL	140* 11	307	0.09	C	0.09													
6	HSTF	PL	140* 11	1121	1.88	C	1.88													
1	HSTF	PL	140* 11	307	0.09	C	0.09													
1	HSTF	PL	140* 11	922	0.26	C	0.26													
2	HSTF	PL	140* 11	1118	0.63	C	0.63													
2	HSTF	PL	140* 11	1121	0.63	C	0.63													
1	HSTF	PL	140* 11	1118	0.31	C	0.31													
1	HSTF	PL	140* 11	304	0.09	C	0.09													
1	RWEB	PL	2727* 14	8445	46.06	A	23.03	C	23.03											
5	HANGER	PL	90* 9	150	0.14	A	0.14													
5	HANGER	PL	90* 9	150	0.14	A	0.14													
1	VSTF	PL	190* 15	2647	1.01	C	1.01													
2	VSTF	PL	190* 15	2647	2.01	C	2.01													
1	HSTF	PL	140* 11	306	0.09	C	0.09													
6	HSTF	PL	140* 11	1119	1.88	C	1.88													
1	HSTF	PL	140* 11	306	0.09	C	0.09													
1	HSTF	PL	140* 11	920	0.26	C	0.26													
2	HSTF	PL	140* 11	1116	0.62	C	0.62													
2	HSTF	PL	140* 11	1119	0.63	C	0.63													
1	HSTF	PL	140* 11	1116	0.31	C	0.31													
1	HSTF	PL	140* 11	303	0.08	C	0.08													
1	LFLG	PL	2944* 10	8420	49.58	A	26.77	C	22.81											
7	LRIB	PL	170* 17	8393	19.98	C	19.98													
1	MIZUNUKI	FB	50* 6	330	0.05	C	0.05													
3	MIZUNUKI	FB	50* 6	327	0.10	C	0.10													
1	MIZUNUKI	FB	50* 6	329	0.05	C	0.05													
2	MIZUNUKI	FB	50* 6	331	0.10	C	0.10													
1	MIZUNUKI	FB	50* 6	334	0.05	C	0.05													
1	MIZUNUKI	PL	75* 22	75	70	0.01														
							A	72.96	C	102.69										
J12-J13							A	72.96	C	102.69										

APPROACH BRIDGE GIRDER G2 J13-J14

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
1	LWEB	PL	2673* 14	7251		38.76	A	19.38	C	19.38				
4	HANGER	PL	90* 9	150		0.11	A	0.11						
4	HANGER	PL	90* 9	150		0.11	A	0.11						
2	VSTF	PL	190* 15	2597		1.97	C	1.97						
1	VSTF	PL	190* 15	2597		0.99	C	0.99						
1	HSTF	PL	140* 11	304		0.09	C	0.09						

Caluculation of Steel Primer

(Unit: mm, m²)

5	HSTF	PL	140* 11	1121		1.57	C	1.57											
1	HSTF	PL	140* 11	307		0.09	C	0.09											
1	HSTF	PL	140* 11	304		0.09	C	0.09											
1	HSTF	PL	140* 11	922		0.26	C	0.26											
1	HSTF	PL	140* 11	922		0.26	C	0.26											
2	HSTF	PL	140* 11	1118		0.63	C	0.63											
1	HSTF	PL	140* 11	1121		0.31	C	0.31											
1	HSTF	PL	140* 11	307		0.09	C	0.09											
1	RWEB	PL	2727* 14	7242		39.50	A	19.75	C	19.75									
4	HANGER	PL	90* 9	150		0.11	A	0.11											
4	HANGER	PL	90* 9	150		0.11	A	0.11											
2	VSTF	PL	190* 15	2647		2.01	C	2.01											
1	VSTF	PL	190* 15	2647		1.01	C	1.01											
1	HSTF	PL	140* 11	303		0.08	C	0.08											
5	HSTF	PL	140* 11	1119		1.57	C	1.57											
1	HSTF	PL	140* 11	306		0.09	C	0.09											
1	HSTF	PL	140* 11	303		0.08	C	0.08											
1	HSTF	PL	140* 11	920		0.26	C	0.26											
1	HSTF	PL	140* 11	920		0.26	C	0.26											
2	HSTF	PL	140* 11	1116		0.62	C	0.62											
1	HSTF	PL	140* 11	1119		0.31	C	0.31											
1	HSTF	PL	140* 11	306		0.09	C	0.09											
1	LFLG	PL	2943* 10	7217		42.48	A	22.94	C	19.54									
7	LRIB	PL	170* 17	7191		17.11	C	17.11											
1	MIZUNUKI	FB	50* 6	330		0.05	C	0.05											
3	MIZUNUKI	FB	50* 6	327		0.10	C	0.10											
1	MIZUNUKI	FB	50* 6	329		0.05	C	0.05											
2	MIZUNUKI	FB	50* 6	331		0.10	C	0.10											
1	MIZUNUKI	FB	50* 6	334		0.05	C	0.05											
1	MIZUNUKI	PL	75* 22	75	70	0.01													
J13-J14								A	62.51	C	88.86								

APPROACH BRIDGE GIRDER G2 J14-J15														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	LWEB	PL	2673* 14	8452		45.18	A	22.59	C	22.59				
6	HANGER	PL	90* 9	150		0.16	A	0.16						
6	HANGER	PL	90* 9	150		0.16	A	0.16						
1	VSTF	PL	190* 15	2597		0.99	C	0.99						
2	VSTF	PL	190* 15	2597		1.97	C	1.97						
1	VSTF	PL	190* 15	2597		0.99	C	0.99						
1	HSTF	PL	140* 11	304		0.09	C	0.09						
6	HSTF	PL	140* 11	1121		1.88	C	1.88						

Caluculation of Steel Primer

(Unit: mm, m²)

1	HSTF	PL	140* 11	304	0.09	C	0.09														
1	HSTF	PL	140* 11	304	0.09	C	0.09														
2	HSTF	PL	140* 11	1118	0.63	C	0.63														
1	HSTF	PL	140* 11	922	0.26	C	0.26														
1	HSTF	PL	140* 11	922	0.26	C	0.26														
2	HSTF	PL	140* 11	1118	0.63	C	0.63														
1	HSTF	PL	140* 11	304	0.09	C	0.09														
1	RWEB	PL	2727* 14	8441	46.04	A	23.02	C	23.02												
6	HANGER	PL	90* 9	150	0.16	A	0.16														
6	HANGER	PL	90* 9	150	0.16	A	0.16														
1	VSTF	PL	190* 15	2647	1.01	C	1.01														
2	VSTF	PL	190* 15	2647	2.01	C	2.01														
1	VSTF	PL	190* 15	2647	1.01	C	1.01														
1	HSTF	PL	140* 11	303	0.08	C	0.08														
6	HSTF	PL	140* 11	1119	1.88	C	1.88														
1	HSTF	PL	140* 11	303	0.08	C	0.08														
1	HSTF	PL	140* 11	303	0.08	C	0.08														
2	HSTF	PL	140* 11	1116	0.62	C	0.62														
1	HSTF	PL	140* 11	920	0.26	C	0.26														
1	HSTF	PL	140* 11	920	0.26	C	0.26														
2	HSTF	PL	140* 11	1116	0.62	C	0.62														
1	HSTF	PL	140* 11	303	0.08	C	0.08														
1	LFLG	PL	2944* 10	8419	49.57	A	26.77	C	22.80												
7	LRIB	PL	170* 17	8393	19.98	C	19.98														
1	MIZUNUKI	FB	50* 6	330	0.05	C	0.05														
3	MIZUNUKI	FB	50* 6	327	0.10	C	0.10														
1	MIZUNUKI	FB	50* 6	329	0.05	C	0.05														
2	MIZUNUKI	FB	50* 6	331	0.10	C	0.10														
1	MIZUNUKI	FB	50* 6	334	0.05	C	0.05														
1	MIZUNUKI	PL	75* 22	75	70	0.01															
							J14-J15	A	73.02	C	104.70										

APPROACH BRIDGE GIRDER G2 J15-J16															
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks	
1	LWEB	PL	2673* 14	7248	38.75	A	19.37	C	19.37						
4	HANGER	PL	90* 9	150	0.11	A	0.11								
4	HANGER	PL	90* 9	150	0.11	A	0.11								
1	VSTF	PL	190* 15	2597	0.99	C	0.99								
2	VSTF	PL	190* 15	2597	1.97	C	1.97								
1	HSTF	PL	140* 11	307	0.09	C	0.09								
5	HSTF	PL	140* 11	1121	1.57	C	1.57								
1	HSTF	PL	140* 11	304	0.09	C	0.09								

Caluculation of Steel Primer

(Unit: mm, m²)

1	HSTF	PL	140* 11	307	0.09	C	0.09								
1	HSTF	PL	140* 11	1121	0.31	C	0.31								
2	HSTF	PL	140* 11	1118	0.63	C	0.63								
1	HSTF	PL	140* 11	922	0.26	C	0.26								
1	HSTF	PL	140* 11	922	0.26	C	0.26								
1	HSTF	PL	140* 11	304	0.09	C	0.09								
1	RWEB	PL	2727* 14	7239	39.48	A	19.74	C	19.74						
4	HANGER	PL	90* 9	150	0.11	A	0.11								
4	HANGER	PL	90* 9	150	0.11	A	0.11								
1	VSTF	PL	190* 15	2647	1.01	C	1.01								
2	VSTF	PL	190* 15	2647	2.01	C	2.01								
1	HSTF	PL	140* 11	306	0.09	C	0.09								
5	HSTF	PL	140* 11	1119	1.57	C	1.57								
1	HSTF	PL	140* 11	303	0.08	C	0.08								
1	HSTF	PL	140* 11	306	0.09	C	0.09								
1	HSTF	PL	140* 11	1119	0.31	C	0.31								
2	HSTF	PL	140* 11	1116	0.62	C	0.62								
1	HSTF	PL	140* 11	920	0.26	C	0.26								
1	HSTF	PL	140* 11	920	0.26	C	0.26								
1	HSTF	PL	140* 11	303	0.08	C	0.08								
1	LFLG	PL	2943* 10	7217	42.48	A	22.94	C	19.54						
7	LRIB	PL	170* 17	7191	17.11	C	17.11								
1	MIZUNUKI	FB	50* 6	330	0.05	C	0.05								
3	MIZUNUKI	FB	50* 6	327	0.10	C	0.10								
1	MIZUNUKI	FB	50* 6	329	0.05	C	0.05								
2	MIZUNUKI	FB	50* 6	331	0.10	C	0.10								
1	MIZUNUKI	FB	50* 6	334	0.05	C	0.05								
1	MIZUNUKI	PL	75* 22	75	70	0.01									
							J15-J16	A	62.49	C	88.84				

APPROACH BRIDGE GIRDER G2 J16-J17														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	LWEB	PL	2673* 14	8449		45.17	A	22.58	C	22.58				
5	HANGER	PL	90* 9	150		0.14	A	0.14						
5	HANGER	PL	90* 9	150		0.14	A	0.14						
2	VSTF	PL	190* 15	2597		1.97	C	1.97						
1	VSTF	PL	190* 15	2597		0.99	C	0.99						
1	HSTF	PL	140* 11	307		0.09	C	0.09						
4	HSTF	PL	140* 11	1121		1.26	C	1.26						
1	HSTF	PL	140* 11	304		0.09	C	0.09						
1	HSTF	PL	140* 11	1118		0.31	C	0.31						
2	HSTF	PL	140* 11	1121		0.63	C	0.63						

Caluculation of Steel Primer

(Unit: mm, m²)

2	HSTF	PL	140* 11	1118		0.63	C	0.63											
1	HSTF	PL	140* 11	922		0.26	C	0.26											
1	RWEB	PL	2727* 14	8438		46.02	A	23.01	C	23.01									
5	HANGER	PL	90* 9	150		0.14	A	0.14											
5	HANGER	PL	90* 9	150		0.14	A	0.14											
2	VSTF	PL	190* 15	2647		2.01	C	2.01											
1	VSTF	PL	190* 15	2647		1.01	C	1.01											
1	HSTF	PL	140* 11	306		0.09	C	0.09											
4	HSTF	PL	140* 11	1119		1.25	C	1.25											
1	HSTF	PL	140* 11	303		0.08	C	0.08											
1	HSTF	PL	140* 11	1116		0.31	C	0.31											
2	HSTF	PL	140* 11	1119		0.63	C	0.63											
2	HSTF	PL	140* 11	1116		0.62	C	0.62											
1	HSTF	PL	140* 11	920		0.26	C	0.26											
1	LFLG	PL	2944* 10	8419		49.57	A	26.77	C	22.80									
7	LRIB	PL	170* 17	8393		19.98	C	19.98											
1	MIZUNUKI	FB	50* 6	330		0.05	C	0.05											
3	MIZUNUKI	FB	50* 6	327		0.10	C	0.10											
1	MIZUNUKI	FB	50* 6	329		0.05	C	0.05											
2	MIZUNUKI	FB	50* 6	331		0.10	C	0.10											
1	MIZUNUKI	FB	50* 6	334		0.05	C	0.05											
1	MIZUNUKI	PL	75* 22	75	70	0.01													
J16-J17										A	72.92	C	101.21						

APPROACH BRIDGE GIRDER G2 J17-J18																		
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks					
1	LWEB	PL	2673* 14	8447		45.16	A	22.58	C	22.58								
6	HANGER	PL	90* 9	150		0.16	A	0.16										
6	HANGER	PL	90* 9	150		0.16	A	0.16										
1	VSTF	PL	190* 15	2597		0.99	C	0.99										
2	VSTF	PL	190* 15	2597		1.97	C	1.97										
1	VSTF	PL	190* 15	2597		0.99	C	0.99										
1	HSTF	PL	140* 11	304		0.09	C	0.09										
2	HSTF	PL	140* 11	1118		0.63	C	0.63										
2	HSTF	PL	140* 11	1121		0.63	C	0.63										
2	HSTF	PL	140* 11	1118		0.63	C	0.63										
1	HSTF	PL	140* 11	229		0.06	C	0.06										
1	RWEB	PL	2727* 14	8436		46.01	A	23.00	C	23.00								
6	HANGER	PL	90* 9	150		0.16	A	0.16										
6	HANGER	PL	90* 9	150		0.16	A	0.16										
1	VSTF	PL	190* 15	2647		1.01	C	1.01										
2	VSTF	PL	190* 15	2647		2.01	C	2.01										

Caluculation of Steel Primer

(Unit: mm, m²)

1	VSTF	PL	190* 15	2647		1.01	C	1.01						
1	HSTF	PL	140* 11	303		0.08	C	0.08						
2	HSTF	PL	140* 11	1116		0.62	C	0.62						
2	HSTF	PL	140* 11	1119		0.63	C	0.63						
2	HSTF	PL	140* 11	1116		0.62	C	0.62						
1	HSTF	PL	140* 11	228		0.06	C	0.06						
1	LFLG	PL	2944* 14	8419		49.57	A	26.77	C	22.80				
7	LRIB	PL	170* 17	8393		19.98	C	19.98						
1	MIZUNUKI	FB	50* 6	330		0.05	C	0.05						
3	MIZUNUKI	FB	50* 6	327		0.10	C	0.10						
1	MIZUNUKI	FB	50* 6	329		0.05	C	0.05						
2	MIZUNUKI	FB	50* 6	331		0.10	C	0.10						
1	MIZUNUKI	FB	50* 6	334		0.05	C	0.05						
1	MIZUNUKI	PL	75* 22	75	70	0.01								
J17-J18							A	72.99	C	100.74				

APPROACH BRIDGE GIRDER G2 J18-J19														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	LWEB	PL	2673* 14	6889		36.83	A	18.41	C	18.41				
4	HANGER	PL	90* 9	150		0.11	A	0.11						
4	HANGER	PL	90* 9	150		0.11	A	0.11						
1	VSTF	PL	190* 15	2597		0.99	C	0.99						
2	VSTF	PL	190* 15	2597		1.97	C	1.97						
1	HSTF	PL	140* 11	903		0.25	C	0.25						
2	HSTF	PL	140* 11	1099		0.62	C	0.62						
1	HSTF	PL	140* 11	1102		0.31	C	0.31						
1	HSTF	PL	140* 11	1052		0.29	C	0.29						
1	RWEB	PL	2727* 14	6881		37.53	A	18.76	C	18.76				
4	HANGER	PL	90* 9	150		0.11	A	0.11						
4	HANGER	PL	90* 9	150		0.11	A	0.11						
1	VSTF	PL	190* 15	2647		1.01	C	1.01						
2	VSTF	PL	190* 15	2647		2.01	C	2.01						
1	HSTF	PL	140* 11	901		0.25	C	0.25						
2	HSTF	PL	140* 11	1097		0.61	C	0.61						
1	HSTF	PL	140* 11	1100		0.31	C	0.31						
1	HSTF	PL	140* 11	1050		0.29	C	0.29						
1	LFLG	PL	2943* 20	6863		40.40	A	21.81	C	18.58				
7	LRIB	PL	200* 22	6838		19.15	C	19.15						
1	MIZUNUKI	FB	50* 6	330		0.05	C	0.05						
3	MIZUNUKI	FB	50* 6	327		0.10	C	0.10						
1	MIZUNUKI	FB	50* 6	329		0.05	C	0.05						
2	MIZUNUKI	FB	50* 6	331		0.10	C	0.10						

Caluculation of Steel Primer

(Unit: mm, m²)

1	MIZUNUKI	FB	50* 6	334		0.05	C	0.05					
1	MIZUNUKI	PL	75* 22	75	70	0.01							
J18-J19							A	59.42	C	84.16			

APPROACH BRIDGE GIRDER G2 J19-J20													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	LWEB	PL	2673* 14	6233		33.32	A	16.66	C	16.66			
4	HANGER	PL	90* 9	150		0.11	A	0.11					
4	HANGER	PL	90* 9	150		0.11	A	0.11					
2	VSTF	PL	190* 15	2597		1.97	C	1.97					
1	HSTF	PL	140* 11	470		0.13	C	0.13					
1	HSTF	PL	140* 11	1099		0.31	C	0.31					
1	HSTF	PL	140* 11	981		0.27	C	0.27					
1	HSTF	PL	140* 11	912		0.26	C	0.26					
1	HSTF	PL	140* 11	1030		0.29	C	0.29					
1	HSTF	PL	140* 11	395		0.11	C	0.11					
1	RWEB	PL	2727* 14	6225		33.95	A	16.98	C	16.98			
4	HANGER	PL	90* 9	150		0.11	A	0.11					
4	HANGER	PL	90* 9	150		0.11	A	0.11					
2	VSTF	PL	190* 15	2647		2.01	C	2.01					
1	HSTF	PL	140* 11	468		0.13	C	0.13					
1	HSTF	PL	140* 11	1097		0.31	C	0.31					
1	HSTF	PL	140* 11	980		0.27	C	0.27					
1	HSTF	PL	140* 11	911		0.26	C	0.26					
1	HSTF	PL	140* 11	1028		0.29	C	0.29					
1	HSTF	PL	140* 11	394		0.11	C	0.11					
1	LFLG	PL	2942* 27	6208		36.53	A	19.73	C	16.80			
7	LRIB	PL	200* 22	6183		17.31	C	17.31					
1	SOLE	PL	1100* 50	970	95	2.03							
1	MIZUNUKI	FB	50* 6	330		0.05	C	0.05					
3	MIZUNUKI	FB	50* 6	327		0.10	C	0.10					
1	MIZUNUKI	FB	50* 6	329		0.05	C	0.05					
2	MIZUNUKI	FB	50* 6	331		0.10	C	0.10					
1	MIZUNUKI	FB	50* 6	334		0.05	C	0.05					
1	MIZUNUKI	PL	75* 22	75	70	0.01							
2	FLG	PL	180* 13	2690		1.94	C	1.94					
2	WEB	PL	400* 13	2690		4.30	C	4.30					
J19-J20							A	53.81	C	81.06			

APPROACH BRIDGE GIRDER G2 J20-J21													
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Caluculation of Steel Primer

(Unit: mm, m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
1	LWEB	PL	2673* 14	6535		34.94	A	17.47	C	17.47				
4	HANGER	PL	90* 9	150		0.11	A	0.11						
4	HANGER	PL	90* 9	150		0.11	A	0.11						
2	VSTF	PL	190* 15	2597		1.97	C	1.97						
1	VSTF	PL	190* 15	2597		0.99	C	0.99						
1	HSTF	PL	140* 11	983		0.28	C	0.28						
1	HSTF	PL	140* 11	1033		0.29	C	0.29						
2	HSTF	PL	140* 11	1030		0.58	C	0.58						
1	HSTF	PL	140* 11	834		0.23	C	0.23						
1	RWEB	PL	2727* 14	6527		35.60	A	17.80	C	17.80				
4	HANGER	PL	90* 9	150		0.11	A	0.11						
4	HANGER	PL	90* 9	150		0.11	A	0.11						
2	VSTF	PL	190* 15	2647		2.01	C	2.01						
1	VSTF	PL	190* 15	2647		1.01	C	1.01						
1	HSTF	PL	140* 11	981		0.27	C	0.27						
1	HSTF	PL	140* 11	1031		0.29	C	0.29						
2	HSTF	PL	140* 11	1028		0.58	C	0.58						
1	HSTF	PL	140* 11	832		0.23	C	0.23						
1	LFLG	PL	2943* 19	6511		38.32	A	20.69	C	17.63				
7	LRIB	PL	200* 22	6487		18.16	C	18.16						
1	MIZUNUKI	FB	50* 6	330		0.05	C	0.05						
3	MIZUNUKI	FB	50* 6	327		0.10	C	0.10						
1	MIZUNUKI	FB	50* 6	329		0.05	C	0.05						
2	MIZUNUKI	FB	50* 6	331		0.10	C	0.10						
1	MIZUNUKI	FB	50* 6	334		0.05	C	0.05						
1	MIZUNUKI	PL	75* 22	75	70	0.01								
J20-J21							A	56.40	C	80.14				

APPROACH BRIDGE GIRDER G2 J21-J22													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
1	LWEB	PL	2673* 14	7088		37.89	A	18.95	C	18.95			
5	HANGER	PL	90* 9	150		0.14	A	0.14					
5	HANGER	PL	90* 9	150		0.14	A	0.14					
1	VSTF	PL	190* 15	2597		0.99	C	0.99					
2	VSTF	PL	190* 15	2597		1.97	C	1.97					
1	HSTF	PL	140* 11	216		0.06	C	0.06					
2	HSTF	PL	140* 11	1093		0.61	C	0.61					
2	HSTF	PL	140* 11	1096		0.61	C	0.61					
1	HSTF	PL	140* 11	1093		0.31	C	0.31					
1	HSTF	PL	140* 11	216		0.06	C	0.06					
1	RWEB	PL	2727* 14	7079		38.61	A	19.30	C	19.30			

Caluculation of Steel Primer

(Unit: mm, m²)

5	HANGER	PL	90* 9	150		0.14	A	0.14												
5	HANGER	PL	90* 9	150		0.14	A	0.14												
1	VSTF	PL	190* 15	2647		1.01	C	1.01												
2	VSTF	PL	190* 15	2647		2.01	C	2.01												
1	HSTF	PL	140* 11	215		0.06	C	0.06												
2	HSTF	PL	140* 11	1091		0.61	C	0.61												
2	HSTF	PL	140* 11	1094		0.61	C	0.61												
1	HSTF	PL	140* 11	1091		0.31	C	0.31												
1	HSTF	PL	140* 11	215		0.06	C	0.06												
1	LFLG	PL	2943* 11	7066		41.59	A	22.46	C	19.13										
7	LRIB	PL	170* 17	7041		16.76	C	16.76												
1	MIZUNUKI	FB	50* 6	330		0.05	C	0.05												
3	MIZUNUKI	FB	50* 6	327		0.10	C	0.10												
1	MIZUNUKI	FB	50* 6	329		0.05	C	0.05												
2	MIZUNUKI	FB	50* 6	331		0.10	C	0.10												
1	MIZUNUKI	FB	50* 6	334		0.05	C	0.05												
1	MIZUNUKI	PL	75* 22	75	70	0.01														
							J21-J22	A	61.27	C	83.77									

APPROACH BRIDGE GIRDER G2 J22-J23																			
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area											Remarks	
1	LWEB	PL	2673* 14	8265		44.18	A	22.09	C	22.09									
5	HANGER	PL	90* 9	150		0.14	A	0.14											
5	HANGER	PL	90* 9	150		0.14	A	0.14											
2	VSTF	PL	190* 15	2597		1.97	C	1.97											
1	VSTF	PL	190* 15	2597		0.99	C	0.99											
1	VSTF	PL	190* 15	2562		0.97	C	0.97											
5	HSTF	PL	140* 11	1096		1.53	C	1.53											
1	HSTF	PL	140* 11	291		0.08	C	0.08											
1	HSTF	PL	140* 11	216		0.06	C	0.06											
1	HSTF	PL	140* 11	897		0.25	C	0.25											
1	HSTF	PL	140* 11	897		0.25	C	0.25											
2	HSTF	PL	140* 11	1093		0.61	C	0.61											
1	RWEB	PL	2727* 14	8254		45.02	A	22.51	C	22.51									
5	HANGER	PL	90* 9	150		0.14	A	0.14											
5	HANGER	PL	90* 9	150		0.14	A	0.14											
2	VSTF	PL	190* 15	2647		2.01	C	2.01											
1	VSTF	PL	190* 15	2647		1.01	C	1.01											
1	VSTF	PL	190* 15	2612		0.99	C	0.99											
5	HSTF	PL	140* 11	1094		1.53	C	1.53											
1	HSTF	PL	140* 11	290		0.08	C	0.08											
1	HSTF	PL	140* 11	215		0.06	C	0.06											

Caluculation of Steel Primer

(Unit: mm, m²)

1	HSTF	PL	140* 11	895		0.25	C	0.25						
1	HSTF	PL	140* 11	895		0.25	C	0.25						
2	HSTF	PL	140* 11	1091		0.61	C	0.61						
1	LFLG	PL	2944* 11	8244		48.54	A	26.21	C	22.33				
3	LRIB	PL	170* 17	8218		8.38	C	8.38						
4	LRIB	PL	170* 17	6423		8.74	C	8.74						
1	MIZUNUKI	FB	50* 6	330		0.05	C	0.05						
3	MIZUNUKI	FB	50* 6	327		0.10	C	0.10						
1	MIZUNUKI	FB	50* 6	329		0.05	C	0.05						
2	MIZUNUKI	FB	50* 6	331		0.10	C	0.10						
1	MIZUNUKI	FB	50* 6	334		0.05	C	0.05						
1	MIZUNUKI	PL	75* 22	75	70	0.01								
J22-J23							A	71.37	C	97.90				

APPROACH BRIDGE GIRDER G2 J23-J24														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
1	LWEB	PL	2673* 14	8263		44.17	A	22.09	C	22.09				
5	HANGER	PL	90* 9	150		0.14	A	0.14						
5	HANGER	PL	90* 9	150		0.14	A	0.14						
2	VSTF	PL	190* 15	2562		1.95	C	1.95						
1	VSTF	PL	190* 15	2562		0.97	C	0.97						
1	HSTF	PL	140* 11	294		0.08	C	0.08						
6	HSTF	PL	140* 11	1096		1.84	C	1.84						
1	HSTF	PL	140* 11	219		0.06	C	0.06						
1	RWEB	PL	2727* 14	8252		45.01	A	22.50	C	22.50				
5	HANGER	PL	90* 9	150		0.14	A	0.14						
5	HANGER	PL	90* 9	150		0.14	A	0.14						
2	VSTF	PL	190* 15	2612		1.99	C	1.99						
1	VSTF	PL	190* 15	2612		0.99	C	0.99						
1	HSTF	PL	140* 11	293		0.08	C	0.08						
6	HSTF	PL	140* 11	1094		1.84	C	1.84						
1	HSTF	PL	140* 11	218		0.06	C	0.06						
1	LFLG	PL	2944* 17	8244		48.54	A	26.21	C	22.33				
3	LRIB	PL	170* 17	8218		8.38	C	8.38						
1	MIZUNUKI	FB	50* 6	672		0.10	C	0.10						
1	MIZUNUKI	FB	50* 6	668		0.10	C	0.10						
1	MIZUNUKI	FB	50* 6	677		0.10	C	0.10						
1	MIZUNUKI	FB	50* 6	690		0.10	C	0.10						
1	MIZUNUKI	PL	75* 22	75	70	0.01								
J23-J24							A	71.36	C	85.56				

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE GIRDER G2 J24-J25												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	LWEB	PL	2673* 14	8181		43.74	A	21.87	C	21.87		
6	HANGER	PL	90* 9	150		0.16	A	0.16				
6	HANGER	PL	90* 9	150		0.16	A	0.16				
1	VSTF	PL	190* 15	2562		0.97	C	0.97				
2	VSTF	PL	190* 15	2562		1.95	C	1.95				
1	VSTF	PL	190* 15	2562		0.97	C	0.97				
1	HSTF	PL	140* 11	216		0.06	C	0.06				
6	HSTF	PL	140* 11	1096		1.84	C	1.84				
1	HSTF	PL	140* 11	136		0.04	C	0.04				
1	RWEB	PL	2727* 14	8171		44.56	A	22.28	C	22.28		
6	HANGER	PL	90* 9	150		0.16	A	0.16				
6	HANGER	PL	90* 9	150		0.16	A	0.16				
1	VSTF	PL	190* 15	2612		0.99	C	0.99				
2	VSTF	PL	190* 15	2612		1.99	C	1.99				
1	VSTF	PL	190* 15	2612		0.99	C	0.99				
1	HSTF	PL	140* 11	215		0.06	C	0.06				
6	HSTF	PL	140* 11	1094		1.84	C	1.84				
1	HSTF	PL	140* 11	136		0.04	C	0.04				
1	LFLG	PL	2944* 26	8164		48.07	A	25.96	C	22.11		
3	LRIB	PL	200* 22	8138		9.77	C	9.77				
1	MIZUNUKI	FB	50* 6	672		0.10	C	0.10				
1	MIZUNUKI	FB	50* 6	668		0.10	C	0.10				
1	MIZUNUKI	FB	50* 6	677		0.10	C	0.10				
1	MIZUNUKI	FB	50* 6	690		0.10	C	0.10				
1	MIZUNUKI	PL	75* 22	75	70	0.01						
J24-J25							A	70.75	C	88.17		

APPROACH BRIDGE GIRDER G2 J25-J26												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	LWEB	PL	2673* 14	8471		45.29	A	22.64	C	22.64		
5	HANGER	PL	90* 9	150		0.14	A	0.14				
5	HANGER	PL	90* 9	150		0.14	A	0.14				
1	VSTF	PL	190* 15	2562		0.97	C	0.97				
2	VSTF	PL	190* 15	2562		1.95	C	1.95				
1	HSTF	PL	140* 11	299		0.08	C	0.08				
1	HSTF	PL	140* 11	1096		0.31	C	0.31				
1	HSTF	PL	140* 11	1096		0.31	C	0.31				
2	HSTF	PL	140* 11	1112		0.62	C	0.62				
2	HSTF	PL	140* 11	1083		0.61	C	0.61				

Caluculation of Steel Primer

(Unit: mm, m²)

1	HSTF	PL	140* 11	343		0.10	C	0.10						
1	RWEB	PL	2727* 14	8459		46.14	A	23.07	C	23.07				
5	HANGER	PL	90* 9	150		0.14	A	0.14						
5	HANGER	PL	90* 9	150		0.14	A	0.14						
1	VSTF	PL	190* 15	2612		0.99	C	0.99						
2	VSTF	PL	190* 15	2612		1.99	C	1.99						
1	HSTF	PL	140* 11	298		0.08	C	0.08						
6	HSTF	PL	140* 11	1094		1.84	C	1.84						
1	HSTF	PL	140* 11	349		0.10	C	0.10						
1	LFLG	PL	2955* 35	8456		49.97	A	26.99	C	22.99				
3	LRIB	PL	200* 22	8428		10.11	C	10.11						
1	MIZUNUKI	FB	50* 6	672		0.10	C	0.10						
1	MIZUNUKI	FB	50* 6	668		0.10	C	0.10						
1	MIZUNUKI	FB	50* 6	677		0.10	C	0.10						
1	MIZUNUKI	FB	50* 6	690		0.10	C	0.10						
1	MIZUNUKI	PL	75* 22	75	70	0.01								
J25-J26							A	73.26	C	89.16				

APPROACH BRIDGE GIRDER G2 J26-J27														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	LWEB	PL	2673* 14	7899		42.23	A	21.11	C	21.11				
5	HANGER	PL	90* 9	150		0.14	A	0.14						
5	HANGER	PL	90* 9	150		0.14	A	0.14						
2	VSTF	PL	190* 15	2562		1.95	C	1.95						
2	VSTF	PL	190* 15	2562		1.95	C	1.95						
1	HSTF	PL	140* 11	141		0.04	C	0.04						
1	HSTF	PL	140* 11	1023		0.29	C	0.29						
2	HSTF	PL	140* 11	1083		0.61	C	0.61						
2	HSTF	PL	140* 11	1093		0.61	C	0.61						
1	HSTF	PL	140* 11	994		0.28	C	0.28						
1	HSTF	PL	140* 11	136		0.04	C	0.04						
1	RWEB	PL	2727* 14	7937		43.29	A	21.64	C	21.64				
5	HANGER	PL	90* 9	150		0.14	A	0.14						
5	HANGER	PL	90* 9	150		0.14	A	0.14						
2	VSTF	PL	190* 15	2612		1.99	C	1.99						
2	VSTF	PL	190* 15	2612		1.99	C	1.99						
1	HSTF	PL	140* 11	145		0.04	C	0.04						
1	HSTF	PL	140* 11	1034		0.29	C	0.29						
4	HSTF	PL	140* 11	1094		1.23	C	1.23						
1	HSTF	PL	140* 11	994		0.28	C	0.28						
1	HSTF	PL	140* 11	136		0.04	C	0.04						
1	LFLG	PL	2956* 38	7924		46.85	A	25.30	C	21.55				

Caluculation of Steel Primer

(Unit: mm, m²)

3	LRIB	PL	200* 22	7883		9.46	C	9.46						
1	MIZUNUKI	FB	50* 6	672		0.10	C	0.10						
1	MIZUNUKI	FB	50* 6	668		0.10	C	0.10						
1	MIZUNUKI	FB	50* 6	677		0.10	C	0.10						
1	MIZUNUKI	FB	50* 6	690		0.10	C	0.10						
1	MIZUNUKI	PL	75* 22	75	70	0.01								
J26-J27							A	68.61	C	85.79				

APPROACH BRIDGE GIRDER G2 J27-J28														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	LWEB	PL	2673* 14	7131		38.12	A	19.06	C	19.06				
5	HANGER	PL	90* 9	150		0.14	A	0.14						
5	HANGER	PL	90* 9	150		0.14	A	0.14						
2	VSTF	PL	190* 15	2562		1.95	C	1.95						
1	VSTF	PL	190* 15	2562		0.97	C	0.97						
1	HSTF	PL	140* 11	399		0.11	C	0.11						
4	HSTF	PL	140* 11	1094		1.23	C	1.23						
1	HSTF	PL	140* 11	1044		0.29	C	0.29						
1	HSTF	PL	140* 11	146		0.04	C	0.04						
1	RWEB	PL	2727* 14	7131		38.89	A	19.45	C	19.45				
5	HANGER	PL	90* 9	150		0.14	A	0.14						
5	HANGER	PL	90* 9	150		0.14	A	0.14						
2	VSTF	PL	190* 15	2612		1.99	C	1.99						
1	VSTF	PL	190* 15	2612		0.99	C	0.99						
1	HSTF	PL	140* 11	399		0.11	C	0.11						
4	HSTF	PL	140* 11	1094		1.23	C	1.23						
1	HSTF	PL	140* 11	1044		0.29	C	0.29						
1	LFLG	PL	2940* 38	7118		41.85	A	22.60	C	19.25				
3	LRIB	PL	200* 22	7098		8.52	C	8.52						
1	MIZUNUKI	FB	50* 6	672		0.10	C	0.10						
1	MIZUNUKI	FB	50* 6	668		0.10	C	0.10						
1	MIZUNUKI	FB	50* 6	677		0.10	C	0.10						
1	MIZUNUKI	FB	50* 6	690		0.10	C	0.10						
1	MIZUNUKI	PL	75* 22	75	70	0.01								
J27-J28							A	61.67	C	75.88				

APPROACH BRIDGE GIRDER G2 J28-J29														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	LWEB	PL	2673* 14	7111		38.02	A	19.01	C	19.01				
4	HANGER	PL	90* 9	150		0.11	A	0.11						

Caluculation of Steel Primer

(Unit: mm, m²)

4	HANGER	PL	90* 9	150		0.11	A	0.11							
1	VSTF	PL	190* 15	2562		0.97	C	0.97							
2	VSTF	PL	190* 15	2562		1.95	C	1.95							
1	HSTF	PL	140* 11	339		0.09	C	0.09							
2	HSTF	PL	140* 11	1094		0.61	C	0.61							
3	HSTF	PL	140* 11	1095		0.92	C	0.92							
1	HSTF	PL	140* 11	136		0.04	C	0.04							
1	RWEB	PL	2727* 14	7111		38.78	A	19.39	C	19.39					
4	HANGER	PL	90* 9	150		0.11	A	0.11							
4	HANGER	PL	90* 9	150		0.11	A	0.11							
3	VSTF	PL	190* 15	2612		2.98	C	2.98							
1	HSTF	PL	140* 11	339		0.09	C	0.09							
1	HSTF	PL	140* 11	1094		0.31	C	0.31							
1	HSTF	PL	140* 11	1095		0.31	C	0.31							
2	HSTF	PL	140* 11	1094		0.61	C	0.61							
1	HSTF	PL	140* 11	1095		0.31	C	0.31							
1	LFLG	PL	2940* 38	7099		41.74	A	22.54	C	19.20					
3	LRIB	PL	200* 22	7079		8.49	C	8.49							
1	MIZUNUKI	FB	50* 6	672		0.10	C	0.10							
1	MIZUNUKI	FB	50* 6	668		0.10	C	0.10							
1	MIZUNUKI	FB	50* 6	677		0.10	C	0.10							
1	MIZUNUKI	FB	50* 6	690		0.10	C	0.10							
1	MIZUNUKI	PL	75* 22	75	70	0.01									
J28-J29							A	61.38	C	75.68					

APPROACH BRIDGE GIRDER G2 J29-J30														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	LWEB	PL	2673* 14	8407		44.94	A	22.47	C	22.47				
5	HANGER	PL	90* 9	150		0.14	A	0.14						
5	HANGER	PL	90* 9	150		0.14	A	0.14						
2	VSTF	PL	190* 15	2562		1.95	C	1.95						
1	VSTF	PL	190* 15	2562		0.97	C	0.97						
1	HSTF	PL	140* 11	299		0.08	C	0.08						
6	HSTF	PL	140* 11	1095		1.84	C	1.84						
1	HSTF	PL	140* 11	299		0.08	C	0.08						
1	RWEB	PL	2727* 14	8408		45.86	A	22.93	C	22.93				
5	HANGER	PL	90* 9	150		0.14	A	0.14						
5	HANGER	PL	90* 9	150		0.14	A	0.14						
3	VSTF	PL	190* 15	2612		2.98	C	2.98						
1	HSTF	PL	140* 11	299		0.08	C	0.08						
6	HSTF	PL	140* 11	1095		1.84	C	1.84						
1	HSTF	PL	140* 11	299		0.08	C	0.08						

Caluculation of Steel Primer

(Unit: mm, m²)

1	LFLG	PL	2940* 35	8397		49.37	A	26.66	C	22.71				
3	LRIB	PL	200* 22	8377		10.05	C	10.05						
1	MIZUNUKI	FB	50* 6	672		0.10	C	0.10						
1	MIZUNUKI	FB	50* 6	668		0.10	C	0.10						
1	MIZUNUKI	FB	50* 6	677		0.10	C	0.10						
1	MIZUNUKI	FB	50* 6	690		0.10	C	0.10						
1	MIZUNUKI	PL	75* 22	75	70	0.01								
J29-J30							A	72.62	C	88.46				

APPROACH BRIDGE GIRDER G2 J30-J31														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	LWEB	PL	2673* 14	8168		43.67	A	21.83	C	21.83				
6	HANGER	PL	90* 9	150		0.16	A	0.16						
6	HANGER	PL	90* 9	150		0.16	A	0.16						
1	VSTF	PL	190* 15	2562		0.97	C	0.97						
2	VSTF	PL	190* 15	2562		1.95	C	1.95						
1	VSTF	PL	190* 15	2562		0.97	C	0.97						
1	HSTF	PL	140* 11	136		0.04	C	0.04						
6	HSTF	PL	140* 11	1095		1.84	C	1.84						
1	HSTF	PL	140* 11	216		0.06	C	0.06						
1	RWEB	PL	2728* 14	8168		44.56	A	22.28	C	22.28				
6	HANGER	PL	90* 9	150		0.16	A	0.16						
6	HANGER	PL	90* 9	150		0.16	A	0.16						
4	VSTF	PL	190* 15	2612		3.97	C	3.97						
6	HSTF	PL	140* 11	1095		1.84	C	1.84						
1	HSTF	PL	140* 11	216		0.06	C	0.06						
1	LFLG	PL	2940* 28	8159		47.97	A	25.91	C	22.07				
3	LRIB	PL	200* 22	8139		9.77	C	9.77						
1	MIZUNUKI	FB	50* 6	672		0.10	C	0.10						
1	MIZUNUKI	FB	50* 6	668		0.10	C	0.10						
1	MIZUNUKI	FB	50* 6	677		0.10	C	0.10						
1	MIZUNUKI	FB	50* 6	690		0.10	C	0.10						
1	MIZUNUKI	PL	75* 22	75	70	0.01								
J30-J31							A	70.66	C	88.05				

APPROACH BRIDGE GIRDER G2 J31-J32														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	LWEB	PL	2673* 14	8277		44.25	A	22.12	C	22.12				
5	HANGER	PL	90* 9	150		0.14	A	0.14						
5	HANGER	PL	90* 9	150		0.14	A	0.14						

Caluculation of Steel Primer

(Unit: mm, m²)

1	VSTF	PL	190* 15	2562	0.97	C	0.97												
2	VSTF	PL	190* 15	2562	1.95	C	1.95												
1	HSTF	PL	140* 11	219	0.06	C	0.06												
1	HSTF	PL	140* 11	1101	0.31	C	0.31												
1	HSTF	PL	140* 11	1101	0.31	C	0.31												
2	HSTF	PL	140* 11	1106	0.62	C	0.62												
1	HSTF	PL	140* 11	1093	0.31	C	0.31												
1	HSTF	PL	140* 11	1092	0.31	C	0.31												
1	HSTF	PL	140* 11	221	0.06	C	0.06												
1	RWEB	PL	2727* 14	8219	44.83	A	22.41	C	22.41										
5	HANGER	PL	90* 9	150	0.14	A	0.14												
5	HANGER	PL	90* 9	150	0.14	A	0.14												
1	VSTF	PL	190* 15	2612	0.99	C	0.99												
2	VSTF	PL	190* 15	2612	1.99	C	1.99												
1	HSTF	PL	140* 11	219	0.06	C	0.06												
4	HSTF	PL	140* 11	1095	1.23	C	1.23												
2	HSTF	PL	140* 11	1082	0.61	C	0.61												
1	HSTF	PL	140* 11	216	0.06	C	0.06												
1	LFLG	PL	2965* 18	8271	49.05	A	26.49	C	22.56										
3	LRIB	PL	170* 17	8220	8.38	C	8.38												
1	MIZUNUKI	FB	50* 6	672	0.10	C	0.10												
1	MIZUNUKI	FB	50* 6	668	0.10	C	0.10												
1	MIZUNUKI	FB	50* 6	677	0.10	C	0.10												
1	MIZUNUKI	FB	50* 6	690	0.10	C	0.10												
1	MIZUNUKI	PL	75* 22	75	70	0.01													
J31-J32										A	71.58	C	85.71						

APPROACH BRIDGE GIRDER G2 J32-GE2																		
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks					
1	LWEB	PL	2673* 14	7444	39.80	B	19.90	C	19.90									
4	HANGER	PL	90* 9	150	0.11	B	0.11											
4	HANGER	PL	90* 9	150	0.11	B	0.11											
2	VSTF	PL	190* 15	2562	1.95	C	1.95											
1	VSTF	PL	190* 15	2562	0.97	C	0.97											
1	HSTF	PL	140* 11	225	0.06	C	0.06											
1	HSTF	PL	140* 11	1107	0.31	C	0.31											
3	HSTF	PL	140* 11	1081	0.91	C	0.91											
1	HSTF	PL	140* 11	1077	0.30	C	0.30											
1	RWEB	PL	2727* 14	7400	40.36	B	20.18	C	20.18									
4	HANGER	PL	90* 9	150	0.11	B	0.11											
4	HANGER	PL	90* 9	150	0.11	B	0.11											
2	VSTF	PL	190* 15	2612	1.99	C	1.99											

Caluculation of Steel Primer

(Unit: mm,m²)

1	VSTF	PL	190* 15	2612		0.99	C	0.99					
1	HSTF	PL	140* 11	206		0.06	C	0.06					
1	HSTF	PL	140* 11	1082		0.30	C	0.30					
3	HSTF	PL	140* 11	1081		0.91	C	0.91					
1	HSTF	PL	140* 11	1077		0.30	C	0.30					
1	LFLG	PL	2952* 10	7438		43.91	B	23.71	C	20.20			
3	LRIB	PL	170* 17	7394		7.54	C	7.54					
1	SOLE	PL	1130* 41	970	95	2.08							
1	MIZUNUKI	FB	50* 6	672		0.10	C	0.10					
1	MIZUNUKI	FB	50* 6	668		0.10	C	0.10					
1	MIZUNUKI	FB	50* 6	677		0.10	C	0.10					
1	MIZUNUKI	FB	50* 6	690		0.10	C	0.10					
1	MIZUNUKI	PL	75* 22	75	70	0.01							
2	FLG	PL	200* 22	2690		2.15	C	2.15					
2	WEB	PL	400* 22	2690		4.30	C	4.30					
J32-GE2							B	64.23	C	83.72			
G2							A	2093.19	B	136.92	C	2925.59	

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE GIRDER G3 GE1-J1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	LWEB	PL	2727* 14	8407		45.85	B	22.93	C	22.93		
5	HANGER	PL	90* 9	150		0.14	B	0.14				
5	HANGER	PL	90* 9	150		0.14	B	0.14				
1	VSTF	PL	190* 15	2612		0.99	C	0.99				
2	VSTF	PL	190* 15	2612		1.99	C	1.99				
1	HSTF	PL	140* 11	1076		0.30	C	0.30				
1	HSTF	PL	140* 11	1079		0.30	C	0.30				
1	HSTF	PL	140* 11	1080		0.30	C	0.30				
3	HSTF	PL	140* 11	1080		0.91	C	0.91				
1	HSTF	PL	140* 11	286		0.08	C	0.08				
1	RWEB	PL	2673* 14	8395		44.88	B	22.44	C	22.44		
5	HANGER	PL	90* 9	150		0.14	B	0.14				
5	HANGER	PL	90* 9	150		0.14	B	0.14				
1	VSTF	PL	190* 15	2562		0.97	C	0.97				
2	VSTF	PL	190* 15	2562		1.95	C	1.95				
1	HSTF	PL	140* 11	1074		0.30	C	0.30				
1	HSTF	PL	140* 11	1077		0.30	C	0.30				
1	HSTF	PL	140* 11	1079		0.30	C	0.30				
3	HSTF	PL	140* 11	1078		0.91	C	0.91				
1	HSTF	PL	140* 11	286		0.08	C	0.08				
1	LFLG	PL	2944* 10	8352		49.18	B	26.56	C	22.62		
3	LRIB	PL	170* 17	8325		8.49	C	8.49				
1	SOLE	PL	1130* 52	1020	95	2.19						
1	MIZUNUKI	FB	50* 6	672		0.10	C	0.10				
1	MIZUNUKI	FB	50* 6	668		0.10	C	0.10				
1	MIZUNUKI	FB	50* 6	677		0.10	C	0.10				
1	MIZUNUKI	FB	50* 6	690		0.10	C	0.10				
1	MIZUNUKI	PL	75* 22	75	70	0.01						
2	FLG	PL	200* 22	2690		2.15	C	2.15				
2	WEB	PL	400* 22	2690		4.30	C	4.30				
GE1-J1							B	72.49	C	93.01		

APPROACH BRIDGE GIRDER G3 J1-J2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	LWEB	PL	2727* 14	8324		45.40	A	22.70	C	22.70		
5	HANGER	PL	90* 9	150		0.14	A	0.14				
5	HANGER	PL	90* 9	150		0.14	A	0.14				
2	VSTF	PL	190* 15	2612		1.99	C	1.99				
2	VSTF	PL	190* 15	2612		1.99	C	1.99				

Caluculation of Steel Primer

(Unit: mm, m²)

1	HSTF	PL	140* 11	283		0.08	C	0.08											
1	HSTF	PL	140* 11	1080		0.30	C	0.30											
5	HSTF	PL	140* 11	1105		1.55	C	1.55											
1	HSTF	PL	140* 11	221		0.06	C	0.06											
1	RWEB	PL	2673* 14	8312		44.44	A	22.22	C	22.22									
5	HANGER	PL	90* 9	150		0.14	A	0.14											
5	HANGER	PL	90* 9	150		0.14	A	0.14											
2	VSTF	PL	190* 15	2562		1.95	C	1.95											
2	VSTF	PL	190* 15	2562		1.95	C	1.95											
1	HSTF	PL	140* 11	283		0.08	C	0.08											
1	HSTF	PL	140* 11	1078		0.30	C	0.30											
5	HSTF	PL	140* 11	1103		1.54	C	1.54											
1	HSTF	PL	140* 11	220		0.06	C	0.06											
1	LFLG	PL	2944* 13	8270		48.69	A	26.29	C	22.40									
3	LRIB	PL	170* 17	8244		8.41	C	8.41											
1	MIZUNUKI	FB	50* 6	672		0.10	C	0.10											
1	MIZUNUKI	FB	50* 6	668		0.10	C	0.10											
1	MIZUNUKI	FB	50* 6	677		0.10	C	0.10											
1	MIZUNUKI	FB	50* 6	690		0.10	C	0.10											
1	MIZUNUKI	PL	75* 22	75	70	0.01													
							J1-J2	A	71.77	C	87.98								

APPROACH BRIDGE GIRDER G3 J2-J3																		
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks					
1	LWEB	PL	2726* 14	8360		45.58	A	22.79	C	22.79								
5	HANGER	PL	90* 9	150		0.14	A	0.14										
5	HANGER	PL	90* 9	150		0.14	A	0.14										
2	VSTF	PL	190* 15	2612		1.99	C	1.99										
1	VSTF	PL	190* 15	2612		0.99	C	0.99										
1	HSTF	PL	140* 11	224		0.06	C	0.06										
6	HSTF	PL	140* 11	1105		1.86	C	1.86										
1	HSTF	PL	140* 11	224		0.06	C	0.06										
1	RWEB	PL	2672* 14	8348		44.61	A	22.31	C	22.31								
5	HANGER	PL	90* 9	150		0.14	A	0.14										
5	HANGER	PL	90* 9	150		0.14	A	0.14										
2	VSTF	PL	190* 15	2562		1.95	C	1.95										
1	VSTF	PL	190* 15	2562		0.97	C	0.97										
1	HSTF	PL	140* 11	223		0.06	C	0.06										
6	HSTF	PL	140* 11	1103		1.85	C	1.85										
1	HSTF	PL	140* 11	223		0.06	C	0.06										
1	LFLG	PL	2944* 18	8308		48.92	A	26.42	C	22.50								
3	LRIB	PL	170* 17	8282		8.45	C	8.45										

Caluculation of Steel Primer

(Unit: mm, m²)

1	MIZUNUKI	FB	50* 6	672		0.10	C	0.10						
1	MIZUNUKI	FB	50* 6	668		0.10	C	0.10						
1	MIZUNUKI	FB	50* 6	677		0.10	C	0.10						
1	MIZUNUKI	FB	50* 6	690		0.10	C	0.10						
1	MIZUNUKI	PL	75* 22	75	70	0.01								
							J2-J3	A	72.08	C	86.30			

APPROACH BRIDGE GIRDER G3 J3-J4													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
1	LWEB	PL	2726* 14	8308		45.30	A	22.65	C	22.65			
6	HANGER	PL	90* 9	150		0.16	A	0.16					
6	HANGER	PL	90* 9	150		0.16	A	0.16					
1	VSTF	PL	190* 15	2612		0.99	C	0.99					
2	VSTF	PL	190* 15	2612		1.99	C	1.99					
1	VSTF	PL	190* 15	2612		0.99	C	0.99					
1	HSTF	PL	140* 11	221		0.06	C	0.06					
6	HSTF	PL	140* 11	1105		1.86	C	1.86					
1	HSTF	PL	140* 11	171		0.05	C	0.05					
1	RWEB	PL	2672* 14	8296		44.33	A	22.17	C	22.17			
6	HANGER	PL	90* 9	150		0.16	A	0.16					
6	HANGER	PL	90* 9	150		0.16	A	0.16					
1	VSTF	PL	190* 15	2562		0.97	C	0.97					
2	VSTF	PL	190* 15	2562		1.95	C	1.95					
1	VSTF	PL	190* 15	2562		0.97	C	0.97					
1	HSTF	PL	140* 11	220		0.06	C	0.06					
6	HSTF	PL	140* 11	1103		1.85	C	1.85					
1	HSTF	PL	140* 11	170		0.05	C	0.05					
1	LFLG	PL	2944* 20	8258		48.62	A	26.26	C	22.37			
3	LRIB	PL	170* 17	8232		8.40	C	8.40					
1	MIZUNUKI	FB	50* 6	672		0.10	C	0.10					
1	MIZUNUKI	FB	50* 6	668		0.10	C	0.10					
1	MIZUNUKI	FB	50* 6	677		0.10	C	0.10					
1	MIZUNUKI	FB	50* 6	690		0.10	C	0.10					
1	MIZUNUKI	PL	75* 22	75	70	0.01							
							J3-J4	A	71.72	C	87.78		

APPROACH BRIDGE GIRDER G3 J4-J5													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
1	LWEB	PL	2726* 14	8406		45.83	A	22.91	C	22.91			
5	HANGER	PL	90* 9	150		0.14	A	0.14					

Caluculation of Steel Primer

(Unit: mm, m²)

5	HANGER	PL	90* 9	150		0.14	A	0.14						
1	VSTF	PL	190* 15	2612		0.99	C	0.99						
2	VSTF	PL	190* 15	2612		1.99	C	1.99						
1	HSTF	PL	140* 11	274		0.08	C	0.08						
6	HSTF	PL	140* 11	1105		1.86	C	1.86						
1	HSTF	PL	140* 11	224		0.06	C	0.06						
1	RWEB	PL	2672* 14	8394		44.86	A	22.43	C	22.43				
5	HANGER	PL	90* 9	150		0.14	A	0.14						
5	HANGER	PL	90* 9	150		0.14	A	0.14						
1	VSTF	PL	190* 15	2562		0.97	C	0.97						
2	VSTF	PL	190* 15	2562		1.95	C	1.95						
1	HSTF	PL	140* 11	273		0.08	C	0.08						
6	HSTF	PL	140* 11	1103		1.85	C	1.85						
1	HSTF	PL	140* 11	223		0.06	C	0.06						
1	LFLG	PL	2944* 20	8357		49.21	A	26.57	C	22.63				
3	LRIB	PL	170* 17	8331		8.50	C	8.50						
1	MIZUNUKI	FB	50* 6	672		0.10	C	0.10						
1	MIZUNUKI	FB	50* 6	668		0.10	C	0.10						
1	MIZUNUKI	FB	50* 6	677		0.10	C	0.10						
1	MIZUNUKI	FB	50* 6	690		0.10	C	0.10						
1	MIZUNUKI	PL	75* 22	75	70	0.01								
J4-J5							A	72.47	C	86.76				

APPROACH BRIDGE GIRDER G3 J5-J6														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	LWEB	PL	2726* 14	8355		45.55	A	22.78	C	22.78				
5	HANGER	PL	90* 9	150		0.14	A	0.14						
5	HANGER	PL	90* 9	150		0.14	A	0.14						
2	VSTF	PL	190* 15	2612		1.99	C	1.99						
2	VSTF	PL	190* 15	2612		1.99	C	1.99						
1	HSTF	PL	140* 11	221		0.06	C	0.06						
6	HSTF	PL	140* 11	1105		1.86	C	1.86						
1	HSTF	PL	140* 11	221		0.06	C	0.06						
1	RWEB	PL	2672* 14	8343		44.58	A	22.29	C	22.29				
5	HANGER	PL	90* 9	150		0.14	A	0.14						
5	HANGER	PL	90* 9	150		0.14	A	0.14						
2	VSTF	PL	190* 15	2562		1.95	C	1.95						
2	VSTF	PL	190* 15	2562		1.95	C	1.95						
1	HSTF	PL	140* 11	220		0.06	C	0.06						
6	HSTF	PL	140* 11	1103		1.85	C	1.85						
1	HSTF	PL	140* 11	220		0.06	C	0.06						
1	LFLG	PL	2944* 18	8307		48.91	A	26.41	C	22.50				

Caluculation of Steel Primer

(Unit: mm, m²)

3	LRIB	PL	170* 17	8281		8.45	C	8.45						
1	MIZUNUKI	FB	50* 6	672		0.10	C	0.10						
1	MIZUNUKI	FB	50* 6	668		0.10	C	0.10						
1	MIZUNUKI	FB	50* 6	677		0.10	C	0.10						
1	MIZUNUKI	FB	50* 6	690		0.10	C	0.10						
1	MIZUNUKI	PL	75* 22	75	70	0.01								
J5-J6							A	72.04	C	88.25				

APPROACH BRIDGE GIRDER G3 J6-J7														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	LWEB	PL	2727* 14	8353		45.56	A	22.78	C	22.78				
5	HANGER	PL	90* 9	150		0.14	A	0.14						
5	HANGER	PL	90* 9	150		0.14	A	0.14						
2	VSTF	PL	190* 15	2612		1.99	C	1.99						
1	VSTF	PL	190* 15	2612		0.99	C	0.99						
1	HSTF	PL	140* 11	224		0.06	C	0.06						
6	HSTF	PL	140* 11	1105		1.86	C	1.86						
1	HSTF	PL	140* 11	299		0.08	C	0.08						
1	RWEB	PL	2673* 14	8341		44.59	A	22.30	C	22.30				
5	HANGER	PL	90* 9	150		0.14	A	0.14						
5	HANGER	PL	90* 9	150		0.14	A	0.14						
2	VSTF	PL	190* 15	2562		1.95	C	1.95						
1	VSTF	PL	190* 15	2562		0.97	C	0.97						
1	HSTF	PL	140* 11	223		0.06	C	0.06						
6	HSTF	PL	140* 11	1103		1.85	C	1.85						
1	HSTF	PL	140* 11	298		0.08	C	0.08						
1	LFLG	PL	2944* 12	8307		48.91	A	26.41	C	22.50				
3	LRIB	PL	170* 17	8281		8.45	C	8.45						
4	LRIB	PL	170* 17	544		0.74	C	0.74						
1	MIZUNUKI	FB	50* 6	672		0.10	C	0.10						
1	MIZUNUKI	FB	50* 6	668		0.10	C	0.10						
1	MIZUNUKI	FB	50* 6	677		0.10	C	0.10						
1	MIZUNUKI	FB	50* 6	690		0.10	C	0.10						
1	MIZUNUKI	PL	75* 22	75	70	0.01								
J6-J7							A	72.05	C	87.06				

APPROACH BRIDGE GIRDER G3 J7-J8														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	LWEB	PL	2727* 14	8351		45.55	A	22.77	C	22.77				
6	HANGER	PL	90* 9	150		0.16	A	0.16						

Caluculation of Steel Primer

(Unit: mm, m²)

6	HANGER	PL	90* 9	150		0.16	A	0.16							
1	VSTF	PL	190* 15	2647		1.01	C	1.01							
2	VSTF	PL	190* 15	2647		2.01	C	2.01							
1	VSTF	PL	190* 15	2647		1.01	C	1.01							
1	HSTF	PL	140* 11	296		0.08	C	0.08							
3	HSTF	PL	140* 11	1105		0.93	C	0.93							
2	HSTF	PL	140* 11	1102		0.62	C	0.62							
2	HSTF	PL	140* 11	1105		0.62	C	0.62							
2	HSTF	PL	140* 11	1102		0.62	C	0.62							
1	HSTF	PL	140* 11	221		0.06	C	0.06							
1	RWEB	PL	2673* 14	8339		44.58	A	22.29	C	22.29					
6	HANGER	PL	90* 9	150		0.16	A	0.16							
6	HANGER	PL	90* 9	150		0.16	A	0.16							
1	VSTF	PL	190* 15	2597		0.99	C	0.99							
2	VSTF	PL	190* 15	2597		1.97	C	1.97							
1	VSTF	PL	190* 15	2597		0.99	C	0.99							
1	HSTF	PL	140* 11	295		0.08	C	0.08							
3	HSTF	PL	140* 11	1103		0.93	C	0.93							
2	HSTF	PL	140* 11	1100		0.62	C	0.62							
2	HSTF	PL	140* 11	1103		0.62	C	0.62							
2	HSTF	PL	140* 11	1100		0.62	C	0.62							
1	HSTF	PL	140* 11	220		0.06	C	0.06							
1	LFLG	PL	2944* 10	8307		48.91	A	26.41	C	22.50					
7	LRIB	PL	170* 17	8281		19.71	C	19.71							
1	MIZUNUKI	FB	50* 6	330		0.05	C	0.05							
3	MIZUNUKI	FB	50* 6	327		0.10	C	0.10							
1	MIZUNUKI	FB	50* 6	329		0.05	C	0.05							
2	MIZUNUKI	FB	50* 6	331		0.10	C	0.10							
1	MIZUNUKI	FB	50* 6	334		0.05	C	0.05							
1	MIZUNUKI	PL	75* 22	75	70	0.01									
J7-J8							A	72.11	C	101.46					

APPROACH BRIDGE GIRDER G3 J8-J9														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	LWEB	PL	2727* 14	7025		38.31	A	19.16	C	19.16				
4	HANGER	PL	90* 9	150		0.11	A	0.11						
4	HANGER	PL	90* 9	150		0.11	A	0.11						
1	VSTF	PL	190* 15	2647		1.01	C	1.01						
2	VSTF	PL	190* 15	2647		2.01	C	2.01						
1	HSTF	PL	140* 11	881		0.25	C	0.25						
2	HSTF	PL	140* 11	1077		0.60	C	0.60						
2	HSTF	PL	140* 11	1080		0.60	C	0.60						

Caluculation of Steel Primer

(Unit: mm, m²)

1	HSTF	PL	140* 11	208		0.06	C	0.06						
1	RWEB	PL	2673* 14	7015		37.50	A	18.75	C	18.75				
4	HANGER	PL	90* 9	150		0.11	A	0.11						
4	HANGER	PL	90* 9	150		0.11	A	0.11						
1	VSTF	PL	190* 15	2597		0.99	C	0.99						
2	VSTF	PL	190* 15	2597		1.97	C	1.97						
1	HSTF	PL	140* 11	879		0.25	C	0.25						
2	HSTF	PL	140* 11	1075		0.60	C	0.60						
2	HSTF	PL	140* 11	1078		0.60	C	0.60						
1	HSTF	PL	140* 11	208		0.06	C	0.06						
1	LFLG	PL	2943* 12	6983		41.10	A	22.20	C	18.91				
7	LRIB	PL	170* 17	6958		16.56	C	16.56						
1	MIZUNUKI	FB	50* 6	330		0.05	C	0.05						
3	MIZUNUKI	FB	50* 6	327		0.10	C	0.10						
1	MIZUNUKI	FB	50* 6	329		0.05	C	0.05						
2	MIZUNUKI	FB	50* 6	331		0.10	C	0.10						
1	MIZUNUKI	FB	50* 6	334		0.05	C	0.05						
1	MIZUNUKI	PL	75* 22	75	70	0.01								
J8-J9							A	60.55	C	82.73				

APPROACH BRIDGE GIRDER G3 J9-J10

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
1	LWEB	PL	2727* 14	5897		32.16	A	16.08	C	16.08			
4	HANGER	PL	90* 9	150		0.11	A	0.11					
4	HANGER	PL	90* 9	150		0.11	A	0.11					
2	VSTF	PL	190* 15	2647		2.01	C	2.01					
1	HSTF	PL	140* 11	208		0.06	C	0.06					
1	HSTF	PL	140* 11	1077		0.30	C	0.30					
1	HSTF	PL	140* 11	959		0.27	C	0.27					
1	HSTF	PL	140* 11	978		0.27	C	0.27					
1	HSTF	PL	140* 11	1095		0.31	C	0.31					
1	HSTF	PL	140* 11	218		0.06	C	0.06					
1	RWEB	PL	2673* 14	5888		31.48	A	15.74	C	15.74			
4	HANGER	PL	90* 9	150		0.11	A	0.11					
4	HANGER	PL	90* 9	150		0.11	A	0.11					
2	VSTF	PL	190* 15	2597		1.97	C	1.97					
1	HSTF	PL	140* 11	208		0.06	C	0.06					
1	HSTF	PL	140* 11	1075		0.30	C	0.30					
1	HSTF	PL	140* 11	943		0.26	C	0.26					
1	HSTF	PL	140* 11	961		0.27	C	0.27					
1	HSTF	PL	140* 11	1094		0.31	C	0.31					
1	HSTF	PL	140* 11	217		0.06	C	0.06					

Caluculation of Steel Primer

(Unit: mm, m²)

1	LFLG	PL	2942* 14	5856		34.46	A	18.61	C	15.85				
7	LRIB	PL	200* 22	5831		16.33	C	16.33						
1	SOLE	PL	1100* 48	970	95	2.03								
1	MIZUNUKI	FB	50* 6	330		0.05	C	0.05						
3	MIZUNUKI	FB	50* 6	327		0.10	C	0.10						
1	MIZUNUKI	FB	50* 6	329		0.05	C	0.05						
2	MIZUNUKI	FB	50* 6	331		0.10	C	0.10						
1	MIZUNUKI	FB	50* 6	334		0.05	C	0.05						
1	MIZUNUKI	PL	75* 22	75	70	0.01								
2	FLG	PL	180* 13	2690		1.94	C	1.94						
2	WEB	PL	400* 13	2690		4.30	C	4.30						
J9-J10							A	50.87	C	77.10				

APPROACH BRIDGE GIRDER G3 J10-J11														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	LWEB	PL	2727* 14	7132		38.90	A	19.45	C	19.45				
4	HANGER	PL	90* 9	150		0.11	A	0.11						
4	HANGER	PL	90* 9	150		0.11	A	0.11						
2	VSTF	PL	190* 15	2647		2.01	C	2.01						
1	VSTF	PL	190* 15	2647		1.01	C	1.01						
1	HSTF	PL	140* 11	218		0.06	C	0.06						
2	HSTF	PL	140* 11	1098		0.61	C	0.61						
2	HSTF	PL	140* 11	1095		0.61	C	0.61						
1	HSTF	PL	140* 11	899		0.25	C	0.25						
1	RWEB	PL	2673* 14	7122		38.07	A	19.04	C	19.04				
4	HANGER	PL	90* 9	150		0.11	A	0.11						
4	HANGER	PL	90* 9	150		0.11	A	0.11						
2	VSTF	PL	190* 15	2597		1.97	C	1.97						
1	VSTF	PL	190* 15	2597		0.99	C	0.99						
1	HSTF	PL	140* 11	217		0.06	C	0.06						
2	HSTF	PL	140* 11	1097		0.61	C	0.61						
2	HSTF	PL	140* 11	1094		0.61	C	0.61						
1	HSTF	PL	140* 11	898		0.25	C	0.25						
1	LFLG	PL	2943* 12	7092		41.74	A	22.54	C	19.20				
7	LRIB	PL	170* 17	7067		16.82	C	16.82						
1	MIZUNUKI	FB	50* 6	330		0.05	C	0.05						
3	MIZUNUKI	FB	50* 6	327		0.10	C	0.10						
1	MIZUNUKI	FB	50* 6	329		0.05	C	0.05						
2	MIZUNUKI	FB	50* 6	331		0.10	C	0.10						
1	MIZUNUKI	FB	50* 6	334		0.05	C	0.05						
1	MIZUNUKI	PL	75* 22	75	70	0.01								

Caluculation of Steel Primer

(Unit: mm, m²)

J10-J11				A	61.47	C	83.90			
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APPROACH BRIDGE GIRDER G3 J11-J12

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	LWEB	PL	2727* 14	8433		45.99	A	23.00	C	23.00		
6	HANGER	PL	90* 9	150		0.16	A	0.16				
6	HANGER	PL	90* 9	150		0.16	A	0.16				
1	VSTF	PL	190* 15	2647		1.01	C	1.01				
2	VSTF	PL	190* 15	2647		2.01	C	2.01				
1	VSTF	PL	190* 15	2647		1.01	C	1.01				
3	HSTF	PL	140* 11	1117		0.94	C	0.94				
1	HSTF	PL	140* 11	302		0.08	C	0.08				
1	HSTF	PL	140* 11	302		0.08	C	0.08				
2	HSTF	PL	140* 11	1114		0.62	C	0.62				
2	HSTF	PL	140* 11	1117		0.63	C	0.63				
2	HSTF	PL	140* 11	1114		0.62	C	0.62				
1	HSTF	PL	140* 11	302		0.08	C	0.08				
1	RWEB	PL	2673* 14	8421		45.02	A	22.51	C	22.51		
6	HANGER	PL	90* 9	150		0.16	A	0.16				
6	HANGER	PL	90* 9	150		0.16	A	0.16				
1	VSTF	PL	190* 15	2597		0.99	C	0.99				
2	VSTF	PL	190* 15	2597		1.97	C	1.97				
1	VSTF	PL	190* 15	2597		0.99	C	0.99				
2	HSTF	PL	140* 11	1116		0.62	C	0.62				
1	HSTF	PL	140* 11	1115		0.31	C	0.31				
1	HSTF	PL	140* 11	301		0.08	C	0.08				
1	HSTF	PL	140* 11	301		0.08	C	0.08				
2	HSTF	PL	140* 11	1113		0.62	C	0.62				
2	HSTF	PL	140* 11	1116		0.62	C	0.62				
1	HSTF	PL	140* 11	1113		0.31	C	0.31				
1	HSTF	PL	140* 11	1112		0.31	C	0.31				
1	HSTF	PL	140* 11	301		0.08	C	0.08				
1	LFLG	PL	2944* 10	8394		49.42	A	26.69	C	22.73		
7	LRIB	PL	170* 17	8368		19.92	C	19.92				
1	MIZUNUKI	FB	50* 6	330		0.05	C	0.05				
3	MIZUNUKI	FB	50* 6	327		0.10	C	0.10				
1	MIZUNUKI	FB	50* 6	329		0.05	C	0.05				
2	MIZUNUKI	FB	50* 6	331		0.10	C	0.10				
1	MIZUNUKI	FB	50* 6	334		0.05	C	0.05				
1	MIZUNUKI	PL	75* 22	75	70	0.01						

J11-J12				A	72.84	C	102.57			
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Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE GIRDER G3 J12-J13												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	LWEB	PL	2727* 14	8431		45.98	A	22.99	C	22.99		
5	HANGER	PL	90* 9	150		0.14	A	0.14				
5	HANGER	PL	90* 9	150		0.14	A	0.14				
1	VSTF	PL	190* 15	2647		1.01	C	1.01				
2	VSTF	PL	190* 15	2647		2.01	C	2.01				
1	HSTF	PL	140* 11	305		0.09	C	0.09				
6	HSTF	PL	140* 11	1117		1.88	C	1.88				
1	HSTF	PL	140* 11	305		0.09	C	0.09				
1	HSTF	PL	140* 11	918		0.26	C	0.26				
2	HSTF	PL	140* 11	1114		0.62	C	0.62				
2	HSTF	PL	140* 11	1117		0.63	C	0.63				
1	HSTF	PL	140* 11	1114		0.31	C	0.31				
1	HSTF	PL	140* 11	302		0.08	C	0.08				
1	RWEB	PL	2673* 14	8419		45.01	A	22.50	C	22.50		
5	HANGER	PL	90* 9	150		0.14	A	0.14				
5	HANGER	PL	90* 9	150		0.14	A	0.14				
1	VSTF	PL	190* 15	2597		0.99	C	0.99				
2	VSTF	PL	190* 15	2597		1.97	C	1.97				
1	HSTF	PL	140* 11	304		0.09	C	0.09				
6	HSTF	PL	140* 11	1115		1.87	C	1.87				
1	HSTF	PL	140* 11	304		0.09	C	0.09				
1	HSTF	PL	140* 11	916		0.26	C	0.26				
2	HSTF	PL	140* 11	1112		0.62	C	0.62				
2	HSTF	PL	140* 11	1115		0.62	C	0.62				
1	HSTF	PL	140* 11	1112		0.31	C	0.31				
1	HSTF	PL	140* 11	301		0.08	C	0.08				
1	LFLG	PL	2944* 10	8394		49.42	A	26.69	C	22.73		
7	LRIB	PL	170* 17	8368		19.92	C	19.92				
1	MIZUNUKI	FB	50* 6	330		0.05	C	0.05				
3	MIZUNUKI	FB	50* 6	327		0.10	C	0.10				
1	MIZUNUKI	FB	50* 6	329		0.05	C	0.05				
2	MIZUNUKI	FB	50* 6	331		0.10	C	0.10				
1	MIZUNUKI	FB	50* 6	334		0.05	C	0.05				
1	MIZUNUKI	PL	75* 22	75	70	0.01						
J12-J13							A	72.74	C	102.37		

APPROACH BRIDGE GIRDER G3 J13-J14												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	LWEB	PL	2727* 14	7230		39.43	A	19.72	C	19.72		

Caluculation of Steel Primer

(Unit: mm, m²)

4	HANGER	PL	90* 9	150	0.11	A	0.11													
4	HANGER	PL	90* 9	150	0.11	A	0.11													
2	VSTF	PL	190* 15	2647	2.01	C	2.01													
1	VSTF	PL	190* 15	2647	1.01	C	1.01													
1	HSTF	PL	140* 11	302	0.08	C	0.08													
5	HSTF	PL	140* 11	1117	1.56	C	1.56													
1	HSTF	PL	140* 11	305	0.09	C	0.09													
1	HSTF	PL	140* 11	302	0.08	C	0.08													
1	HSTF	PL	140* 11	918	0.26	C	0.26													
1	HSTF	PL	140* 11	918	0.26	C	0.26													
2	HSTF	PL	140* 11	1114	0.62	C	0.62													
1	HSTF	PL	140* 11	1117	0.31	C	0.31													
1	HSTF	PL	140* 11	305	0.09	C	0.09													
1	RWEB	PL	2673* 14	7220	38.60	A	19.30	C	19.30											
4	HANGER	PL	90* 9	150	0.11	A	0.11													
4	HANGER	PL	90* 9	150	0.11	A	0.11													
2	VSTF	PL	190* 15	2597	1.97	C	1.97													
1	VSTF	PL	190* 15	2597	0.99	C	0.99													
1	HSTF	PL	140* 11	301	0.08	C	0.08													
5	HSTF	PL	140* 11	1115	1.56	C	1.56													
1	HSTF	PL	140* 11	304	0.09	C	0.09													
1	HSTF	PL	140* 11	301	0.08	C	0.08													
1	HSTF	PL	140* 11	916	0.26	C	0.26													
1	HSTF	PL	140* 11	916	0.26	C	0.26													
2	HSTF	PL	140* 11	1112	0.62	C	0.62													
1	HSTF	PL	140* 11	1115	0.31	C	0.31													
1	HSTF	PL	140* 11	304	0.09	C	0.09													
1	LFLG	PL	2943* 10	7195	42.35	A	22.87	C	19.48											
7	LRIB	PL	170* 17	7170	17.06	C	17.06													
1	MIZUNUKI	FB	50* 6	330	0.05	C	0.05													
3	MIZUNUKI	FB	50* 6	327	0.10	C	0.10													
1	MIZUNUKI	FB	50* 6	329	0.05	C	0.05													
2	MIZUNUKI	FB	50* 6	331	0.10	C	0.10													
1	MIZUNUKI	FB	50* 6	334	0.05	C	0.05													
1	MIZUNUKI	PL	75* 22	75	70	0.01														
J13-J14							A	62.33	C	88.59										

APPROACH BRIDGE GIRDER G3 J14-J15																			
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks								
1	LWEB	PL	2727* 14	8428		45.97	A	22.98	C	22.98									
6	HANGER	PL	90* 9	150		0.16	A	0.16											
6	HANGER	PL	90* 9	150		0.16	A	0.16											

Caluculation of Steel Primer

(Unit: mm, m²)

1	VSTF	PL	190* 15	2647		1.01	C	1.01											
2	VSTF	PL	190* 15	2647		2.01	C	2.01											
1	VSTF	PL	190* 15	2647		1.01	C	1.01											
1	HSTF	PL	140* 11	302		0.08	C	0.08											
6	HSTF	PL	140* 11	1117		1.88	C	1.88											
1	HSTF	PL	140* 11	302		0.08	C	0.08											
1	HSTF	PL	140* 11	302		0.08	C	0.08											
2	HSTF	PL	140* 11	1114		0.62	C	0.62											
1	HSTF	PL	140* 11	918		0.26	C	0.26											
1	HSTF	PL	140* 11	918		0.26	C	0.26											
2	HSTF	PL	140* 11	1114		0.62	C	0.62											
1	HSTF	PL	140* 11	302		0.08	C	0.08											
1	RWEB	PL	2673* 14	8416		44.99	A	22.50	C	22.50									
6	HANGER	PL	90* 9	150		0.16	A	0.16											
6	HANGER	PL	90* 9	150		0.16	A	0.16											
1	VSTF	PL	190* 15	2597		0.99	C	0.99											
2	VSTF	PL	190* 15	2597		1.97	C	1.97											
1	VSTF	PL	190* 15	2597		0.99	C	0.99											
1	HSTF	PL	140* 11	301		0.08	C	0.08											
6	HSTF	PL	140* 11	1115		1.87	C	1.87											
1	HSTF	PL	140* 11	301		0.08	C	0.08											
1	HSTF	PL	140* 11	301		0.08	C	0.08											
2	HSTF	PL	140* 11	1112		0.62	C	0.62											
1	HSTF	PL	140* 11	916		0.26	C	0.26											
1	HSTF	PL	140* 11	916		0.26	C	0.26											
2	HSTF	PL	140* 11	1112		0.62	C	0.62											
1	HSTF	PL	140* 11	301		0.08	C	0.08											
1	LFLG	PL	2944* 10	8394		49.42	A	26.69	C	22.73									
7	LRIB	PL	170* 17	8368		19.92	C	19.92											
1	MIZUNUKI	FB	50* 6	330		0.05	C	0.05											
3	MIZUNUKI	FB	50* 6	327		0.10	C	0.10											
1	MIZUNUKI	FB	50* 6	329		0.05	C	0.05											
2	MIZUNUKI	FB	50* 6	331		0.10	C	0.10											
1	MIZUNUKI	FB	50* 6	334		0.05	C	0.05											
1	MIZUNUKI	PL	75* 22	75	70	0.01													
							J14-J15	A	72.81	C	104.37								

APPROACH BRIDGE GIRDER G3 J15-J16																		
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area											Remarks
1	LWEB	PL	2727* 14	7227		39.42	A	19.71	C	19.71								
4	HANGER	PL	90* 9	150		0.11	A	0.11										
4	HANGER	PL	90* 9	150		0.11	A	0.11										

Caluculation of Steel Primer

(Unit: mm, m²)

1	VSTF	PL	190* 15	2647		1.01	C	1.01											
2	VSTF	PL	190* 15	2647		2.01	C	2.01											
1	HSTF	PL	140* 11	305		0.09	C	0.09											
5	HSTF	PL	140* 11	1117		1.56	C	1.56											
1	HSTF	PL	140* 11	302		0.08	C	0.08											
1	HSTF	PL	140* 11	305		0.09	C	0.09											
1	HSTF	PL	140* 11	1117		0.31	C	0.31											
2	HSTF	PL	140* 11	1114		0.62	C	0.62											
1	HSTF	PL	140* 11	918		0.26	C	0.26											
1	HSTF	PL	140* 11	918		0.26	C	0.26											
1	HSTF	PL	140* 11	302		0.08	C	0.08											
1	RWEB	PL	2673* 14	7216		38.58	A	19.29	C	19.29									
4	HANGER	PL	90* 9	150		0.11	A	0.11											
4	HANGER	PL	90* 9	150		0.11	A	0.11											
1	VSTF	PL	190* 15	2597		0.99	C	0.99											
2	VSTF	PL	190* 15	2597		1.97	C	1.97											
1	HSTF	PL	140* 11	304		0.09	C	0.09											
5	HSTF	PL	140* 11	1115		1.56	C	1.56											
1	HSTF	PL	140* 11	301		0.08	C	0.08											
1	HSTF	PL	140* 11	304		0.09	C	0.09											
1	HSTF	PL	140* 11	1115		0.31	C	0.31											
2	HSTF	PL	140* 11	1112		0.62	C	0.62											
1	HSTF	PL	140* 11	916		0.26	C	0.26											
1	HSTF	PL	140* 11	916		0.26	C	0.26											
1	HSTF	PL	140* 11	301		0.08	C	0.08											
1	LFLG	PL	2943* 10	7195		42.35	A	22.87	C	19.48									
7	LRIB	PL	170* 17	7170		17.06	C	17.06											
1	MIZUNUKI	FB	50* 6	330		0.05	C	0.05											
3	MIZUNUKI	FB	50* 6	327		0.10	C	0.10											
1	MIZUNUKI	FB	50* 6	329		0.05	C	0.05											
2	MIZUNUKI	FB	50* 6	331		0.10	C	0.10											
1	MIZUNUKI	FB	50* 6	334		0.05	C	0.05											
1	MIZUNUKI	PL	75* 22	75	70	0.01													
							J15-J16	A	62.31	C	88.57								

APPROACH BRIDGE GIRDER G3 J16-J17														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
1	LWEB	PL	2727* 14	8424		45.94	A	22.97	C	22.97				
5	HANGER	PL	90* 9	150		0.14	A	0.14						
5	HANGER	PL	90* 9	150		0.14	A	0.14						
2	VSTF	PL	190* 15	2647		2.01	C	2.01						
1	VSTF	PL	190* 15	2647		1.01	C	1.01						

Caluculation of Steel Primer

(Unit: mm, m²)

1	HSTF	PL	140* 11	305	0.09	C	0.09													
4	HSTF	PL	140* 11	1117	1.25	C	1.25													
1	HSTF	PL	140* 11	302	0.08	C	0.08													
1	HSTF	PL	140* 11	1114	0.31	C	0.31													
2	HSTF	PL	140* 11	1117	0.63	C	0.63													
2	HSTF	PL	140* 11	1114	0.62	C	0.62													
1	HSTF	PL	140* 11	918	0.26	C	0.26													
1	RWEB	PL	2673* 14	8412	44.97	A	22.49	C	22.49											
5	HANGER	PL	90* 9	150	0.14	A	0.14													
5	HANGER	PL	90* 9	150	0.14	A	0.14													
2	VSTF	PL	190* 15	2597	1.97	C	1.97													
1	VSTF	PL	190* 15	2597	0.99	C	0.99													
1	HSTF	PL	140* 11	304	0.09	C	0.09													
4	HSTF	PL	140* 11	1115	1.25	C	1.25													
1	HSTF	PL	140* 11	301	0.08	C	0.08													
1	HSTF	PL	140* 11	1112	0.31	C	0.31													
2	HSTF	PL	140* 11	1115	0.62	C	0.62													
2	HSTF	PL	140* 11	1112	0.62	C	0.62													
1	HSTF	PL	140* 11	916	0.26	C	0.26													
1	LFLG	PL	2944* 10	8394	49.42	A	26.69	C	22.73											
7	LRIB	PL	170* 17	8368	19.92	C	19.92													
1	MIZUNUKI	FB	50* 6	330	0.05	C	0.05													
3	MIZUNUKI	FB	50* 6	327	0.10	C	0.10													
1	MIZUNUKI	FB	50* 6	329	0.05	C	0.05													
2	MIZUNUKI	FB	50* 6	331	0.10	C	0.10													
1	MIZUNUKI	FB	50* 6	334	0.05	C	0.05													
1	MIZUNUKI	PL	75* 22	75	70	0.01														
							J16-J17	A	72.71	C	100.91									

APPROACH BRIDGE GIRDER G3 J17-J18																			
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks						
1	LWEB	PL	2727* 14	8422		45.93	A	22.97	C	22.97									
6	HANGER	PL	90* 9	150		0.16	A	0.16											
6	HANGER	PL	90* 9	150		0.16	A	0.16											
1	VSTF	PL	190* 15	2647		1.01	C	1.01											
2	VSTF	PL	190* 15	2647		2.01	C	2.01											
1	VSTF	PL	190* 15	2647		1.01	C	1.01											
1	HSTF	PL	140* 11	302		0.08	C	0.08											
2	HSTF	PL	140* 11	1114		0.62	C	0.62											
2	HSTF	PL	140* 11	1117		0.63	C	0.63											
2	HSTF	PL	140* 11	1114		0.62	C	0.62											
1	HSTF	PL	140* 11	227		0.06	C	0.06											

Caluculation of Steel Primer

(Unit: mm, m²)

1	RWEB	PL	2673* 14	8411		44.97	A	22.48	C	22.48				
6	HANGER	PL	90* 9	150		0.16	A	0.16						
6	HANGER	PL	90* 9	150		0.16	A	0.16						
1	VSTF	PL	190* 15	2597		0.99	C	0.99						
2	VSTF	PL	190* 15	2597		1.97	C	1.97						
1	VSTF	PL	190* 15	2597		0.99	C	0.99						
1	HSTF	PL	140* 11	301		0.08	C	0.08						
2	HSTF	PL	140* 11	1112		0.62	C	0.62						
2	HSTF	PL	140* 11	1115		0.62	C	0.62						
2	HSTF	PL	140* 11	1112		0.62	C	0.62						
1	HSTF	PL	140* 11	226		0.06	C	0.06						
1	LFLG	PL	2944* 14	8394		49.42	A	26.69	C	22.73				
7	LRIB	PL	170* 17	8368		19.92	C	19.92						
1	MIZUNUKI	FB	50* 6	330		0.05	C	0.05						
3	MIZUNUKI	FB	50* 6	327		0.10	C	0.10						
1	MIZUNUKI	FB	50* 6	329		0.05	C	0.05						
2	MIZUNUKI	FB	50* 6	331		0.10	C	0.10						
1	MIZUNUKI	FB	50* 6	334		0.05	C	0.05						
1	MIZUNUKI	PL	75* 22	75	70	0.01								
J17-J18							A	72.78	C	100.44				

APPROACH BRIDGE GIRDER G3 J18-J19														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	LWEB	PL	2727* 14	6869		37.46	A	18.73	C	18.73				
4	HANGER	PL	90* 9	150		0.11	A	0.11						
4	HANGER	PL	90* 9	150		0.11	A	0.11						
1	VSTF	PL	190* 15	2647		1.01	C	1.01						
2	VSTF	PL	190* 15	2647		2.01	C	2.01						
1	HSTF	PL	140* 11	899		0.25	C	0.25						
2	HSTF	PL	140* 11	1095		0.61	C	0.61						
1	HSTF	PL	140* 11	1098		0.31	C	0.31						
1	HSTF	PL	140* 11	1048		0.29	C	0.29						
1	RWEB	PL	2673* 14	6860		36.67	A	18.34	C	18.34				
4	HANGER	PL	90* 9	150		0.11	A	0.11						
4	HANGER	PL	90* 9	150		0.11	A	0.11						
1	VSTF	PL	190* 15	2597		0.99	C	0.99						
2	VSTF	PL	190* 15	2597		1.97	C	1.97						
1	HSTF	PL	140* 11	898		0.25	C	0.25						
2	HSTF	PL	140* 11	1094		0.61	C	0.61						
1	HSTF	PL	140* 11	1097		0.31	C	0.31						
1	HSTF	PL	140* 11	1047		0.29	C	0.29						
1	LFLG	PL	2943* 21	6842		40.27	A	21.75	C	18.53				

Caluculation of Steel Primer

(Unit: mm,m²)

7	LRIB	PL	200* 22	6817		19.09	C	19.09					
1	MIZUNUKI	FB	50* 6	330		0.05	C	0.05					
3	MIZUNUKI	FB	50* 6	327		0.10	C	0.10					
1	MIZUNUKI	FB	50* 6	329		0.05	C	0.05					
2	MIZUNUKI	FB	50* 6	331		0.10	C	0.10					
1	MIZUNUKI	FB	50* 6	334		0.05	C	0.05					
1	MIZUNUKI	PL	75* 22	75	70	0.01							
J18-J19							A	59.26	C	83.94			

APPROACH BRIDGE GIRDER G3 J19-J20													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	LWEB	PL	2727* 14	6215		33.90	A	16.95	C	16.95			
4	HANGER	PL	90* 9	150		0.11	A	0.11					
4	HANGER	PL	90* 9	150		0.11	A	0.11					
2	VSTF	PL	190* 15	2647		2.01	C	2.01					
1	HSTF	PL	140* 11	467		0.13	C	0.13					
1	HSTF	PL	140* 11	1095		0.31	C	0.31					
1	HSTF	PL	140* 11	978		0.27	C	0.27					
1	HSTF	PL	140* 11	909		0.25	C	0.25					
1	HSTF	PL	140* 11	1027		0.29	C	0.29					
1	HSTF	PL	140* 11	393		0.11	C	0.11					
1	RWEB	PL	2673* 14	6206		33.18	A	16.59	C	16.59			
4	HANGER	PL	90* 9	150		0.11	A	0.11					
4	HANGER	PL	90* 9	150		0.11	A	0.11					
2	VSTF	PL	190* 15	2597		1.97	C	1.97					
1	HSTF	PL	140* 11	466		0.13	C	0.13					
1	HSTF	PL	140* 11	1094		0.31	C	0.31					
1	HSTF	PL	140* 11	961		0.27	C	0.27					
1	HSTF	PL	140* 11	893		0.25	C	0.25					
1	HSTF	PL	140* 11	1025		0.29	C	0.29					
1	HSTF	PL	140* 11	392		0.11	C	0.11					
1	LFLG	PL	2942* 28	6189		36.42	A	19.66	C	16.75			
7	LRIB	PL	200* 22	6165		17.26	C	17.26					
1	SOLE	PL	1100* 50	970	95	2.03							
1	MIZUNUKI	FB	50* 6	330		0.05	C	0.05					
3	MIZUNUKI	FB	50* 6	327		0.10	C	0.10					
1	MIZUNUKI	FB	50* 6	329		0.05	C	0.05					
2	MIZUNUKI	FB	50* 6	331		0.10	C	0.10					
1	MIZUNUKI	FB	50* 6	334		0.05	C	0.05					
1	MIZUNUKI	PL	75* 22	75	70	0.01							
2	FLG	PL	180* 13	2690		1.94	C	1.94					
2	WEB	PL	400* 13	2690		4.30	C	4.30					

J19-J20					A	53.64	C	80.84		

APPROACH BRIDGE GIRDER G3 J20-J21												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	LWEB	PL	2727* 14	6516		35.54	A	17.77	C	17.77		
4	HANGER	PL	90* 9	150		0.11	A	0.11				
4	HANGER	PL	90* 9	150		0.11	A	0.11				
2	VSTF	PL	190* 15	2647		2.01	C	2.01				
1	VSTF	PL	190* 15	2647		1.01	C	1.01				
1	HSTF	PL	140* 11	980		0.27	C	0.27				
1	HSTF	PL	140* 11	1030		0.29	C	0.29				
2	HSTF	PL	140* 11	1027		0.58	C	0.58				
1	HSTF	PL	140* 11	831		0.23	C	0.23				
1	RWEB	PL	2673* 14	6507		34.79	A	17.39	C	17.39		
4	HANGER	PL	90* 9	150		0.11	A	0.11				
4	HANGER	PL	90* 9	150		0.11	A	0.11				
2	VSTF	PL	190* 15	2597		1.97	C	1.97				
1	VSTF	PL	190* 15	2597		0.99	C	0.99				
1	HSTF	PL	140* 11	978		0.27	C	0.27				
1	HSTF	PL	140* 11	1028		0.29	C	0.29				
2	HSTF	PL	140* 11	1025		0.57	C	0.57				
1	HSTF	PL	140* 11	829		0.23	C	0.23				
1	LFLG	PL	2943* 20	6492		38.21	A	20.63	C	17.58		
7	LRIB	PL	200* 22	6467		18.11	C	18.11				
1	MIZUNUKI	FB	50* 6	330		0.05	C	0.05				
3	MIZUNUKI	FB	50* 6	327		0.10	C	0.10				
1	MIZUNUKI	FB	50* 6	329		0.05	C	0.05				
2	MIZUNUKI	FB	50* 6	331		0.10	C	0.10				
1	MIZUNUKI	FB	50* 6	334		0.05	C	0.05				
1	MIZUNUKI	PL	75* 22	75	70	0.01						
J20-J21					A	56.23	C	79.91				

APPROACH BRIDGE GIRDER G3 J21-J22												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	LWEB	PL	2727* 14	7068		38.55	A	19.27	C	19.27		
5	HANGER	PL	90* 9	150		0.14	A	0.14				
5	HANGER	PL	90* 9	150		0.14	A	0.14				
1	VSTF	PL	190* 15	2647		1.01	C	1.01				
2	VSTF	PL	190* 15	2647		2.01	C	2.01				
1	HSTF	PL	140* 11	215		0.06	C	0.06				

Caluculation of Steel Primer

(Unit: mm, m²)

2	HSTF	PL	140* 11	1089		0.61	C	0.61											
2	HSTF	PL	140* 11	1092		0.61	C	0.61											
1	HSTF	PL	140* 11	1089		0.30	C	0.30											
1	HSTF	PL	140* 11	215		0.06	C	0.06											
1	RWEB	PL	2673* 14	7058		37.73	A	18.87	C	18.87									
5	HANGER	PL	90* 9	150		0.14	A	0.14											
5	HANGER	PL	90* 9	150		0.14	A	0.14											
1	VSTF	PL	190* 15	2597		0.99	C	0.99											
2	VSTF	PL	190* 15	2597		1.97	C	1.97											
1	HSTF	PL	140* 11	214		0.06	C	0.06											
2	HSTF	PL	140* 11	1087		0.61	C	0.61											
2	HSTF	PL	140* 11	1090		0.61	C	0.61											
1	HSTF	PL	140* 11	1087		0.30	C	0.30											
1	HSTF	PL	140* 11	214		0.06	C	0.06											
1	LFLG	PL	2943* 12	7045		41.47	A	22.39	C	19.07									
7	LRIB	PL	170* 17	7020		16.71	C	16.71											
1	MIZUNUKI	FB	50* 6	330		0.05	C	0.05											
3	MIZUNUKI	FB	50* 6	327		0.10	C	0.10											
1	MIZUNUKI	FB	50* 6	329		0.05	C	0.05											
2	MIZUNUKI	FB	50* 6	331		0.10	C	0.10											
1	MIZUNUKI	FB	50* 6	334		0.05	C	0.05											
1	MIZUNUKI	PL	75* 22	75	70	0.01													
J21-J22								A	61.09	C	83.53								

APPROACH BRIDGE GIRDER G3 J22-J23

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks						
1	LWEB	PL	2727* 14	8240		44.94	A	22.47	C	22.47							
5	HANGER	PL	90* 9	150		0.14	A	0.14									
5	HANGER	PL	90* 9	150		0.14	A	0.14									
2	VSTF	PL	190* 15	2647		2.01	C	2.01									
1	VSTF	PL	190* 15	2647		1.01	C	1.01									
1	VSTF	PL	190* 15	2612		0.99	C	0.99									
5	HSTF	PL	140* 11	1092		1.53	C	1.53									
1	HSTF	PL	140* 11	290		0.08	C	0.08									
1	HSTF	PL	140* 11	215		0.06	C	0.06									
1	HSTF	PL	140* 11	893		0.25	C	0.25									
1	HSTF	PL	140* 11	893		0.25	C	0.25									
2	HSTF	PL	140* 11	1089		0.61	C	0.61									
1	RWEB	PL	2673* 14	8229		43.99	A	22.00	C	22.00							
5	HANGER	PL	90* 9	150		0.14	A	0.14									
5	HANGER	PL	90* 9	150		0.14	A	0.14									
2	VSTF	PL	190* 15	2597		1.97	C	1.97									

Caluculation of Steel Primer

(Unit: mm, m²)

1	VSTF	PL	190* 15	2597		0.99	C	0.99							
1	VSTF	PL	190* 15	2562		0.97	C	0.97							
5	HSTF	PL	140* 11	1090		1.53	C	1.53							
1	HSTF	PL	140* 11	289		0.08	C	0.08							
1	HSTF	PL	140* 11	214		0.06	C	0.06							
1	HSTF	PL	140* 11	891		0.25	C	0.25							
1	HSTF	PL	140* 11	891		0.25	C	0.25							
2	HSTF	PL	140* 11	1087		0.61	C	0.61							
1	LFLG	PL	2944* 10	8219		48.39	A	26.13	C	22.26					
4	LRIB	PL	170* 17	6404		8.71	C	8.71							
3	LRIB	PL	170* 17	8193		8.36	C	8.36							
1	MIZUNUKI	FB	50* 6	330		0.05	C	0.05							
3	MIZUNUKI	FB	50* 6	327		0.10	C	0.10							
1	MIZUNUKI	FB	50* 6	329		0.05	C	0.05							
2	MIZUNUKI	FB	50* 6	331		0.10	C	0.10							
1	MIZUNUKI	FB	50* 6	334		0.05	C	0.05							
1	MIZUNUKI	PL	75* 22	75	70	0.01									
							A	71.16	C	97.65					

APPROACH BRIDGE GIRDER G3 J23-J24														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
1	LWEB	PL	2727* 14	8239		44.94	A	22.47	C	22.47				
5	HANGER	PL	90* 9	150		0.14	A	0.14						
5	HANGER	PL	90* 9	150		0.14	A	0.14						
2	VSTF	PL	190* 15	2612		1.99	C	1.99						
1	VSTF	PL	190* 15	2612		0.99	C	0.99						
1	HSTF	PL	140* 11	293		0.08	C	0.08						
6	HSTF	PL	140* 11	1092		1.83	C	1.83						
1	HSTF	PL	140* 11	218		0.06	C	0.06						
1	RWEB	PL	2673* 14	8227		43.98	A	21.99	C	21.99				
5	HANGER	PL	90* 9	150		0.14	A	0.14						
5	HANGER	PL	90* 9	150		0.14	A	0.14						
2	VSTF	PL	190* 15	2562		1.95	C	1.95						
1	VSTF	PL	190* 15	2562		0.97	C	0.97						
1	HSTF	PL	140* 11	292		0.08	C	0.08						
6	HSTF	PL	140* 11	1090		1.83	C	1.83						
1	HSTF	PL	140* 11	217		0.06	C	0.06						
1	LFLG	PL	2944* 16	8219		48.39	A	26.13	C	22.26				
3	LRIB	PL	170* 17	8193		8.36	C	8.36						
1	MIZUNUKI	FB	50* 6	672		0.10	C	0.10						
1	MIZUNUKI	FB	50* 6	668		0.10	C	0.10						
1	MIZUNUKI	FB	50* 6	677		0.10	C	0.10						

Caluculation of Steel Primer

(Unit: mm, m²)

1	MIZUNUKI	FB	50* 6	690		0.10	C	0.10						
1	MIZUNUKI	PL	75* 22	75	70	0.01								
J23-J24							A	71.15	C	85.32				

APPROACH BRIDGE GIRDER G3 J24-J25														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	LWEB	PL	2727* 14	8157		44.49	A	22.24	C	22.24				
6	HANGER	PL	90* 9	150		0.16	A	0.16						
6	HANGER	PL	90* 9	150		0.16	A	0.16						
1	VSTF	PL	190* 15	2612		0.99	C	0.99						
2	VSTF	PL	190* 15	2612		1.99	C	1.99						
1	VSTF	PL	190* 15	2612		0.99	C	0.99						
1	HSTF	PL	140* 11	215		0.06	C	0.06						
6	HSTF	PL	140* 11	1092		1.83	C	1.83						
1	HSTF	PL	140* 11	135		0.04	C	0.04						
1	RWEB	PL	2673* 14	8146		43.55	A	21.77	C	21.77				
6	HANGER	PL	90* 9	150		0.16	A	0.16						
6	HANGER	PL	90* 9	150		0.16	A	0.16						
1	VSTF	PL	190* 15	2562		0.97	C	0.97						
2	VSTF	PL	190* 15	2562		1.95	C	1.95						
1	VSTF	PL	190* 15	2562		0.97	C	0.97						
1	HSTF	PL	140* 11	214		0.06	C	0.06						
6	HSTF	PL	140* 11	1090		1.83	C	1.83						
1	HSTF	PL	140* 11	134		0.04	C	0.04						
1	LFLG	PL	2944* 25	8139		47.92	A	25.88	C	22.04				
3	LRIB	PL	200* 22	8113		9.74	C	9.74						
1	MIZUNUKI	FB	50* 6	672		0.10	C	0.10						
1	MIZUNUKI	FB	50* 6	668		0.10	C	0.10						
1	MIZUNUKI	FB	50* 6	677		0.10	C	0.10						
1	MIZUNUKI	FB	50* 6	690		0.10	C	0.10						
1	MIZUNUKI	PL	75* 22	75	70	0.01								
J24-J25							A	70.53	C	87.91				

APPROACH BRIDGE GIRDER G3 J25-J26														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	LWEB	PL	2727* 14	8448		46.08	A	23.04	C	23.04				
5	HANGER	PL	90* 9	150		0.14	A	0.14						
5	HANGER	PL	90* 9	150		0.14	A	0.14						
1	VSTF	PL	190* 15	2612		0.99	C	0.99						
2	VSTF	PL	190* 15	2612		1.99	C	1.99						

Caluculation of Steel Primer

(Unit: mm, m²)

1	HSTF	PL	140* 11	297		0.08	C	0.08						
6	HSTF	PL	140* 11	1092		1.83	C	1.83						
1	HSTF	PL	140* 11	350		0.10	C	0.10						
1	RWEB	PL	2673* 14	8375		44.77	A	22.39	C	22.39				
5	HANGER	PL	90* 9	150		0.14	A	0.14						
5	HANGER	PL	90* 9	150		0.14	A	0.14						
1	VSTF	PL	190* 15	2562		0.97	C	0.97						
2	VSTF	PL	190* 15	2562		1.95	C	1.95						
1	HSTF	PL	140* 11	296		0.08	C	0.08						
2	HSTF	PL	140* 11	1090		0.61	C	0.61						
2	HSTF	PL	140* 11	1072		0.60	C	0.60						
2	HSTF	PL	140* 11	1082		0.61	C	0.61						
1	HSTF	PL	140* 11	343		0.10	C	0.10						
1	LFLG	PL	2978* 32	8434		50.23	A	27.13	C	23.11				
3	LRIB	PL	200* 22	8375		10.05	C	10.05						
1	MIZUNUKI	FB	50* 6	672		0.10	C	0.10						
1	MIZUNUKI	FB	50* 6	668		0.10	C	0.10						
1	MIZUNUKI	FB	50* 6	677		0.10	C	0.10						
1	MIZUNUKI	FB	50* 6	690		0.10	C	0.10						
1	MIZUNUKI	PL	75* 22	75	70	0.01								
J25-J26							A	73.12	C	88.90				

APPROACH BRIDGE GIRDER G3 J26-J27														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	LWEB	PL	2727* 14	7924		43.22	A	21.61	C	21.61				
5	HANGER	PL	90* 9	150		0.14	A	0.14						
5	HANGER	PL	90* 9	150		0.14	A	0.14						
2	VSTF	PL	190* 15	2612		1.99	C	1.99						
2	VSTF	PL	190* 15	2612		1.99	C	1.99						
1	HSTF	PL	140* 11	142		0.04	C	0.04						
1	HSTF	PL	140* 11	1032		0.29	C	0.29						
4	HSTF	PL	140* 11	1093		1.22	C	1.22						
1	HSTF	PL	140* 11	992		0.28	C	0.28						
1	HSTF	PL	140* 11	135		0.04	C	0.04						
1	RWEB	PL	2673* 14	7887		42.16	A	21.08	C	21.08				
5	HANGER	PL	90* 9	150		0.14	A	0.14						
5	HANGER	PL	90* 9	150		0.14	A	0.14						
2	VSTF	PL	190* 15	2562		1.95	C	1.95						
2	VSTF	PL	190* 15	2562		1.95	C	1.95						
1	HSTF	PL	140* 11	138		0.04	C	0.04						
1	HSTF	PL	140* 11	1022		0.29	C	0.29						
2	HSTF	PL	140* 11	1082		0.61	C	0.61						

Caluculation of Steel Primer

(Unit: mm, m²)

2	HSTF	PL	140* 11	1092		0.61	C	0.61						
1	HSTF	PL	140* 11	992		0.28	C	0.28						
1	HSTF	PL	140* 11	135		0.04	C	0.04						
1	LFLG	PL	2955* 36	7911		46.75	A	25.25	C	21.51				
3	LRIB	PL	200* 22	7871		9.45	C	9.45						
1	MIZUNUKI	FB	50* 6	672		0.10	C	0.10						
1	MIZUNUKI	FB	50* 6	668		0.10	C	0.10						
1	MIZUNUKI	FB	50* 6	677		0.10	C	0.10						
1	MIZUNUKI	FB	50* 6	690		0.10	C	0.10						
1	MIZUNUKI	PL	75* 22	75	70	0.01								
J26-J27							A	68.50	C	85.67				

APPROACH BRIDGE GIRDER G3 J27-J28														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	LWEB	PL	2727* 14	7120		38.83	A	19.42	C	19.42				
5	HANGER	PL	90* 9	150		0.14	A	0.14						
5	HANGER	PL	90* 9	150		0.14	A	0.14						
2	VSTF	PL	190* 15	2612		1.99	C	1.99						
1	VSTF	PL	190* 15	2612		0.99	C	0.99						
1	HSTF	PL	140* 11	398		0.11	C	0.11						
4	HSTF	PL	140* 11	1092		1.22	C	1.22						
1	HSTF	PL	140* 11	1042		0.29	C	0.29						
1	HSTF	PL	140* 11	145		0.04	C	0.04						
1	RWEB	PL	2673* 14	7119		38.06	A	19.03	C	19.03				
5	HANGER	PL	90* 9	150		0.14	A	0.14						
5	HANGER	PL	90* 9	150		0.14	A	0.14						
2	VSTF	PL	190* 15	2562		1.95	C	1.95						
1	VSTF	PL	190* 15	2562		0.97	C	0.97						
1	HSTF	PL	140* 11	398		0.11	C	0.11						
4	HSTF	PL	140* 11	1092		1.22	C	1.22						
1	HSTF	PL	140* 11	1042		0.29	C	0.29						
1	HSTF	PL	140* 11	145		0.04	C	0.04						
1	LFLG	PL	2940* 36	7106		41.78	A	22.56	C	19.22				
3	LRIB	PL	200* 22	7086		8.50	C	8.50						
1	MIZUNUKI	FB	50* 6	672		0.10	C	0.10						
1	MIZUNUKI	FB	50* 6	668		0.10	C	0.10						
1	MIZUNUKI	FB	50* 6	677		0.10	C	0.10						
1	MIZUNUKI	FB	50* 6	690		0.10	C	0.10						
1	MIZUNUKI	PL	75* 22	75	70	0.01								
J27-J28							A	61.57	C	75.79				

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE GIRDER G3 J28-J29												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	LWEB	PL	2727* 14	7097		38.71	A	19.35	C	19.35		
4	HANGER	PL	90* 9	150		0.11	A	0.11				
4	HANGER	PL	90* 9	150		0.11	A	0.11				
1	VSTF	PL	190* 15	2612		0.99	C	0.99				
2	VSTF	PL	190* 15	2612		1.99	C	1.99				
1	HSTF	PL	140* 11	338		0.09	C	0.09				
5	HSTF	PL	140* 11	1092		1.53	C	1.53				
1	HSTF	PL	140* 11	135		0.04	C	0.04				
1	RWEB	PL	2673* 14	7097		37.94	A	18.97	C	18.97		
4	HANGER	PL	90* 9	150		0.11	A	0.11				
4	HANGER	PL	90* 9	150		0.11	A	0.11				
1	VSTF	PL	190* 15	2562		0.97	C	0.97				
2	VSTF	PL	190* 15	2562		1.95	C	1.95				
1	HSTF	PL	140* 11	338		0.09	C	0.09				
5	HSTF	PL	140* 11	1092		1.53	C	1.53				
1	HSTF	PL	140* 11	135		0.04	C	0.04				
1	LFLG	PL	2940* 36	7085		41.66	A	22.50	C	19.16		
3	LRIB	PL	200* 22	7065		8.48	C	8.48				
1	MIZUNUKI	FB	50* 6	672		0.10	C	0.10				
1	MIZUNUKI	FB	50* 6	668		0.10	C	0.10				
1	MIZUNUKI	FB	50* 6	677		0.10	C	0.10				
1	MIZUNUKI	FB	50* 6	690		0.10	C	0.10				
1	MIZUNUKI	PL	75* 22	75	70	0.01						
J28-J29							A	61.26	C	75.58		

APPROACH BRIDGE GIRDER G3 J29-J30												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	LWEB	PL	2727* 14	8388		45.75	A	22.87	C	22.87		
5	HANGER	PL	90* 9	150		0.14	A	0.14				
5	HANGER	PL	90* 9	150		0.14	A	0.14				
2	VSTF	PL	190* 15	2612		1.99	C	1.99				
1	VSTF	PL	190* 15	2612		0.99	C	0.99				
1	HSTF	PL	140* 11	297		0.08	C	0.08				
6	HSTF	PL	140* 11	1092		1.83	C	1.83				
1	HSTF	PL	140* 11	297		0.08	C	0.08				
1	RWEB	PL	2673* 14	8388		44.84	A	22.42	C	22.42		
5	HANGER	PL	90* 9	150		0.14	A	0.14				
5	HANGER	PL	90* 9	150		0.14	A	0.14				
2	VSTF	PL	190* 15	2562		1.95	C	1.95				

Caluculation of Steel Primer

(Unit: mm, m²)

1	VSTF	PL	190* 15	2562		0.97	C	0.97						
1	HSTF	PL	140* 11	297		0.08	C	0.08						
6	HSTF	PL	140* 11	1092		1.83	C	1.83						
1	HSTF	PL	140* 11	297		0.08	C	0.08						
1	LFLG	PL	2940* 34	8377		49.26	A	26.60	C	22.66				
3	LRIB	PL	200* 22	8357		10.03	C	10.03						
1	MIZUNUKI	FB	50* 6	672		0.10	C	0.10						
1	MIZUNUKI	FB	50* 6	668		0.10	C	0.10						
1	MIZUNUKI	FB	50* 6	677		0.10	C	0.10						
1	MIZUNUKI	FB	50* 6	690		0.10	C	0.10						
1	MIZUNUKI	PL	75* 22	75	70	0.01								
J29-J30							A	72.45	C	88.26				

APPROACH BRIDGE GIRDER G3 J30-J31														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
1	LWEB	PL	2728* 14	8145		44.44	A	22.22	C	22.22				
6	HANGER	PL	90* 9	150		0.16	A	0.16						
6	HANGER	PL	90* 9	150		0.16	A	0.16						
1	VSTF	PL	190* 15	2612		0.99	C	0.99						
2	VSTF	PL	190* 15	2612		1.99	C	1.99						
1	VSTF	PL	190* 15	2612		0.99	C	0.99						
1	HSTF	PL	140* 11	134		0.04	C	0.04						
6	HSTF	PL	140* 11	1092		1.83	C	1.83						
1	HSTF	PL	140* 11	214		0.06	C	0.06						
1	RWEB	PL	2673* 14	8145		43.54	A	21.77	C	21.77				
6	HANGER	PL	90* 9	150		0.16	A	0.16						
6	HANGER	PL	90* 9	150		0.16	A	0.16						
1	VSTF	PL	190* 15	2562		0.97	C	0.97						
2	VSTF	PL	190* 15	2562		1.95	C	1.95						
1	VSTF	PL	190* 15	2562		0.97	C	0.97						
1	HSTF	PL	140* 11	134		0.04	C	0.04						
6	HSTF	PL	140* 11	1092		1.83	C	1.83						
1	HSTF	PL	140* 11	214		0.06	C	0.06						
1	LFLG	PL	2940* 27	8136		47.84	A	25.83	C	22.01				
3	LRIB	PL	200* 22	8116		9.74	C	9.74						
1	MIZUNUKI	FB	50* 6	672		0.10	C	0.10						
1	MIZUNUKI	FB	50* 6	668		0.10	C	0.10						
1	MIZUNUKI	FB	50* 6	677		0.10	C	0.10						
1	MIZUNUKI	FB	50* 6	690		0.10	C	0.10						
1	MIZUNUKI	PL	75* 22	75	70	0.01								
J30-J31							A	70.46	C	87.86				

APPROACH BRIDGE GIRDER G3 J31-J32												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
							A	B	C	D	E	
1	LWEB	PL	2727* 14	8186		44.65	A	22.32	C	22.32		
5	HANGER	PL	90* 9	150		0.14	A	0.14				
5	HANGER	PL	90* 9	150		0.14	A	0.14				
1	VSTF	PL	190* 15	2612		0.99	C	0.99				
2	VSTF	PL	190* 15	2612		1.99	C	1.99				
1	HSTF	PL	140* 11	217		0.06	C	0.06				
2	HSTF	PL	140* 11	1092		0.61	C	0.61				
2	HSTF	PL	140* 11	1091		0.61	C	0.61				
2	HSTF	PL	140* 11	1079		0.60	C	0.60				
1	HSTF	PL	140* 11	206		0.06	C	0.06				
1	RWEB	PL	2673* 14	8244		44.07	A	22.04	C	22.04		
5	HANGER	PL	90* 9	150		0.14	A	0.14				
5	HANGER	PL	90* 9	150		0.14	A	0.14				
1	VSTF	PL	190* 15	2562		0.97	C	0.97				
2	VSTF	PL	190* 15	2562		1.95	C	1.95				
1	HSTF	PL	140* 11	217		0.06	C	0.06				
2	HSTF	PL	140* 11	1097		0.61	C	0.61				
2	HSTF	PL	140* 11	1102		0.62	C	0.62				
2	HSTF	PL	140* 11	1089		0.61	C	0.61				
1	HSTF	PL	140* 11	211		0.06	C	0.06				
1	LFLG	PL	2965* 17	8238		48.85	A	26.38	C	22.47		
3	LRIB	PL	170* 17	8187		8.35	C	8.35				
1	MIZUNUKI	FB	50* 6	672		0.10	C	0.10				
1	MIZUNUKI	FB	50* 6	668		0.10	C	0.10				
1	MIZUNUKI	FB	50* 6	677		0.10	C	0.10				
1	MIZUNUKI	FB	50* 6	690		0.10	C	0.10				
1	MIZUNUKI	PL	75* 22	75	70	0.01						
J31-J32							A	71.30	C	85.38		

APPROACH BRIDGE GIRDER G3 J32-GE2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
							A	B	C	D	E	
1	LWEB	PL	2727* 14	7405		40.39	B	20.19	C	20.19		
4	HANGER	PL	90* 9	150		0.11	B	0.11				
4	HANGER	PL	90* 9	150		0.11	B	0.11				
2	VSTF	PL	190* 15	2612		1.99	C	1.99				
1	VSTF	PL	190* 15	2612		0.99	C	0.99				
1	HSTF	PL	140* 11	213		0.06	C	0.06				
1	HSTF	PL	140* 11	1079		0.30	C	0.30				

Caluculation of Steel Primer

(Unit: mm,m²)

3	HSTF	PL	140* 11	1081		0.91	C	0.91					
1	HSTF	PL	140* 11	1077		0.30	C	0.30					
1	RWEB	PL	2673* 14	7379		39.45	B	19.72	C	19.72			
4	HANGER	PL	90* 9	150		0.11	B	0.11					
4	HANGER	PL	90* 9	150		0.11	B	0.11					
2	VSTF	PL	190* 15	2562		1.95	C	1.95					
1	VSTF	PL	190* 15	2562		0.97	C	0.97					
1	HSTF	PL	140* 11	198		0.06	C	0.06					
1	HSTF	PL	140* 11	1070		0.30	C	0.30					
3	HSTF	PL	140* 11	1081		0.91	C	0.91					
1	HSTF	PL	140* 11	1077		0.30	C	0.30					
1	LFLG	PL	2949* 10	7398		43.63	B	23.56	C	20.07			
3	LRIB	PL	170* 17	7365		7.51	C	7.51					
1	SOLE	PL	1130* 41	970	95	2.08							
1	MIZUNUKI	FB	50* 6	672		0.10	C	0.10					
1	MIZUNUKI	FB	50* 6	668		0.10	C	0.10					
1	MIZUNUKI	FB	50* 6	677		0.10	C	0.10					
1	MIZUNUKI	FB	50* 6	690		0.10	C	0.10					
1	MIZUNUKI	PL	75* 22	75	70	0.01							
2	FLG	PL	200* 22	2690		2.15	C	2.15					
2	WEB	PL	400* 22	2690		4.30	C	4.30					
J32-GE2							B	63.91	C	83.38			
G3							A	2087.37	B	136.40	C	2920.07	

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE GIRDER G4 GE1-J1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	LWEB	PL	2729* 15	8376		45.72	B	22.86	C	22.86		
5	HANGER	PL	90* 9	150		0.14	B	0.14				
5	HANGER	PL	90* 9	150		0.14	B	0.14				
1	VSTF	PL	240* 19	2613		1.25	C	1.25				
2	VSTF	PL	240* 19	2613		2.51	C	2.51				
1	HSTF	PL	160* 17	1065		0.34	C	0.34				
1	HSTF	PL	160* 17	1071		0.34	C	0.34				
1	HSTF	PL	160* 17	1074		0.34	C	0.34				
3	HSTF	PL	160* 17	1073		1.03	C	1.03				
1	HSTF	PL	160* 17	209		0.07	C	0.07				
1	RWEB	PL	3063* 15	8462		51.84	B	25.92	C	25.92		
7	HANGER	PL	90* 9	150		0.19	B	0.19				
7	HANGER	PL	90* 9	150		0.19	B	0.19				
1	VSTF	PL	240* 19	2949		1.42	C	1.42				
2	VSTF	PL	240* 19	2949		2.83	C	2.83				
1	HSTF	PL	160* 17	1123		0.36	C	0.36				
1	HSTF	PL	160* 17	1143		0.37	C	0.37				
1	HSTF	PL	160* 17	1074		0.34	C	0.34				
3	HSTF	PL	160* 17	1073		1.03	C	1.03				
1	HSTF	PL	160* 17	209		0.07	C	0.07				
1	LFLG	PL	1904* 14	8395	93	29.73	B	16.95	C	12.78		
1	LRIB	PL	170* 17	8369		2.85	C	2.85				
1	LRIB	PL	170* 17	7041		2.39	C	2.39				
1	LRIB	PL	170* 17	274		0.09	C	0.09				
1	SOLE	PL	1130* 53	1020	95	2.19						
2	MIZUNUKI	FB	50* 6	524		0.10	C	0.10				
1	MIZUNUKI	FB	50* 6	520		0.05	C	0.05				
1	MIZUNUKI	PL	75* 22	75	70	0.01						
2	FLG	PL	100* 13	1723		0.69	C	0.69				
2	WEB	PL	400* 13	1723		2.76	C	2.76				
GE1-J1							B	66.39	C	82.79		

APPROACH BRIDGE GIRDER G4 J1-J2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	LWEB	PL	2728* 15	8296		45.26	A	22.63	C	22.63		
5	HANGER	PL	90* 9	150		0.14	A	0.14				
5	HANGER	PL	90* 9	150		0.14	A	0.14				
2	VSTF	PL	240* 19	2613		2.51	C	2.51				
2	VSTF	PL	240* 19	2613		2.51	C	2.51				

Caluculation of Steel Primer

(Unit: mm, m²)

1	HSTF	PL	160* 17	204	0.07	C	0.07							
1	HSTF	PL	160* 17	1073	0.34	C	0.34							
5	HSTF	PL	160* 17	1098	1.76	C	1.76							
1	HSTF	PL	160* 17	217	0.07	C	0.07							
1	RWEB	PL	3067* 15	8278	50.78	A	25.39	C	25.39					
7	HANGER	PL	90* 9	150	0.19	A	0.19							
7	HANGER	PL	90* 9	150	0.19	A	0.19							
2	VSTF	PL	240* 19	2949	2.83	C	2.83							
2	VSTF	PL	240* 19	2949	2.83	C	2.83							
1	HSTF	PL	160* 17	203	0.06	C	0.06							
1	HSTF	PL	160* 17	1073	0.34	C	0.34							
5	HSTF	PL	160* 17	1095	1.75	C	1.75							
1	HSTF	PL	160* 17	215	0.07	C	0.07							
1	LFLG	PL	1748* 28	8239	28.80	A	16.42	C	12.39					
2	LRIB	PL	200* 22	8213	6.57	C	6.57							
2	MIZUNUKI	FB	50* 6	524	0.10	C	0.10							
1	MIZUNUKI	FB	50* 6	520	0.05	C	0.05							
1	MIZUNUKI	PL	75* 22	75	70	0.01								
							J1-J2	A	65.10	C	82.27			

APPROACH BRIDGE GIRDER G4 J2-J3

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
1	LWEB	PL	2729* 15	8331	45.47	A	22.74	C	22.74				
5	HANGER	PL	90* 9	150	0.14	A	0.14						
5	HANGER	PL	90* 9	150	0.14	A	0.14						
2	VSTF	PL	240* 19	2614	2.51	C	2.51						
1	VSTF	PL	240* 19	2614	1.25	C	1.25						
1	HSTF	PL	160* 17	222	0.07	C	0.07						
6	HSTF	PL	160* 17	1098	2.11	C	2.11						
1	HSTF	PL	160* 17	222	0.07	C	0.07						
1	RWEB	PL	3067* 15	8312	50.99	A	25.49	C	25.49				
7	HANGER	PL	90* 9	150	0.19	A	0.19						
7	HANGER	PL	90* 9	150	0.19	A	0.19						
2	VSTF	PL	240* 19	2949	2.83	C	2.83						
1	VSTF	PL	240* 19	2949	1.42	C	1.42						
1	HSTF	PL	160* 17	220	0.07	C	0.07						
6	HSTF	PL	160* 17	1095	2.10	C	2.10						
1	HSTF	PL	160* 17	220	0.07	C	0.07						
1	LFLG	PL	1749* 41	8277	28.95	A	16.50	C	12.45				
2	LRIB	PL	200* 22	8250	6.60	C	6.60						
2	MIZUNUKI	FB	50* 6	524	0.10	C	0.10						
1	MIZUNUKI	FB	50* 6	520	0.05	C	0.05						

Caluculation of Steel Primer

(Unit: mm, m²)

1	MIZUNUKI	PL	75* 22	75	70	0.01								
J2-J3							A	65.39	C	79.93				

APPROACH BRIDGE GIRDER G4 J3-J4														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	LWEB	PL	2729* 15	8279		45.19	A	22.59	C	22.59				
6	HANGER	PL	90* 9	150		0.16	A	0.16						
6	HANGER	PL	90* 9	150		0.16	A	0.16						
1	VSTF	PL	240* 19	2614		1.25	C	1.25						
2	VSTF	PL	240* 19	2614		2.51	C	2.51						
1	VSTF	PL	240* 19	2614		1.25	C	1.25						
1	HSTF	PL	160* 17	217		0.07	C	0.07						
5	HSTF	PL	160* 17	1098		1.76	C	1.76						
1	HSTF	PL	160* 17	998		0.32	C	0.32						
1	HSTF	PL	160* 17	267		0.09	C	0.09						
1	RWEB	PL	3067* 15	8260		50.67	A	25.33	C	25.33				
7	HANGER	PL	90* 9	150		0.19	A	0.19						
7	HANGER	PL	90* 9	150		0.19	A	0.19						
1	VSTF	PL	240* 19	2949		1.42	C	1.42						
2	VSTF	PL	240* 19	2949		2.83	C	2.83						
1	VSTF	PL	240* 19	2949		1.42	C	1.42						
1	HSTF	PL	160* 17	215		0.07	C	0.07						
5	HSTF	PL	160* 17	1095		1.75	C	1.75						
1	HSTF	PL	160* 17	997		0.32	C	0.32						
1	HSTF	PL	160* 17	263		0.08	C	0.08						
1	LFLG	PL	1748* 45	8226		28.76	A	16.39	C	12.37				
2	LRIB	PL	200* 22	8199		6.56	C	6.56						
2	MIZUNUKI	FB	50* 6	524		0.10	C	0.10						
1	MIZUNUKI	FB	50* 6	520		0.05	C	0.05						
1	MIZUNUKI	PL	75* 22	75	70	0.01								
J3-J4							A	65.01	C	82.14				

APPROACH BRIDGE GIRDER G4 J4-J5														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	LWEB	PL	2729* 15	8377		45.72	A	22.86	C	22.86				
5	HANGER	PL	90* 9	150		0.14	A	0.14						
5	HANGER	PL	90* 9	150		0.14	A	0.14						
1	VSTF	PL	240* 19	2614		1.25	C	1.25						
2	VSTF	PL	240* 19	2614		2.51	C	2.51						
1	HSTF	PL	160* 17	272		0.09	C	0.09						

Caluculation of Steel Primer

(Unit: mm, m²)

6	HSTF	PL	160* 17	1098		2.11	C	2.11					
1	HSTF	PL	160* 17	222		0.07	C	0.07					
1	RWEB	PL	3067* 15	8358		51.27	A	25.63	C	25.63			
7	HANGER	PL	90* 9	150		0.19	A	0.19					
7	HANGER	PL	90* 9	150		0.19	A	0.19					
1	VSTF	PL	240* 19	2948		1.42	C	1.42					
2	VSTF	PL	240* 19	2948		2.83	C	2.83					
1	HSTF	PL	160* 17	270		0.09	C	0.09					
6	HSTF	PL	160* 17	1095		2.10	C	2.10					
1	HSTF	PL	160* 17	220		0.07	C	0.07					
1	LFLG	PL	1749* 45	8326		29.12	A	16.60	C	12.52			
2	LRIB	PL	200* 22	8299		6.64	C	6.64					
2	MIZUNUKI	FB	50* 6	524		0.10	C	0.10					
1	MIZUNUKI	FB	50* 6	520		0.05	C	0.05					
1	MIZUNUKI	PL	75* 22	75	70	0.01							
J4-J5							A	65.75	C	80.34			

APPROACH BRIDGE GIRDER G4 J5-J6													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
1	LWEB	PL	2729* 15	8325		45.44	A	22.72	C	22.72			
5	HANGER	PL	90* 9	150		0.14	A	0.14					
5	HANGER	PL	90* 9	150		0.14	A	0.14					
2	VSTF	PL	240* 19	2614		2.51	C	2.51					
2	VSTF	PL	240* 19	2614		2.51	C	2.51					
1	HSTF	PL	160* 17	217		0.07	C	0.07					
6	HSTF	PL	160* 17	1098		2.11	C	2.11					
1	RWEB	PL	3066* 15	8306		50.93	A	25.47	C	25.47			
7	HANGER	PL	90* 9	150		0.19	A	0.19					
7	HANGER	PL	90* 9	150		0.19	A	0.19					
2	VSTF	PL	240* 19	2948		2.83	C	2.83					
2	VSTF	PL	240* 19	2948		2.83	C	2.83					
1	HSTF	PL	160* 17	215		0.07	C	0.07					
6	HSTF	PL	160* 17	1095		2.10	C	2.10					
1	LFLG	PL	1749* 40	8276		28.95	A	16.50	C	12.45			
2	LRIB	PL	200* 22	8249		6.60	C	6.60					
2	MIZUNUKI	FB	50* 6	524		0.10	C	0.10					
1	MIZUNUKI	FB	50* 6	520		0.05	C	0.05					
1	MIZUNUKI	PL	75* 22	75	70	0.01							
J5-J6							A	65.35	C	82.42			

APPROACH BRIDGE GIRDER G4 J6-J7													
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Caluculation of Steel Primer

(Unit: mm,m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
1	LWEB	PL	2729* 15	8323		45.43	A	22.71	C	22.71			
5	HANGER	PL	90* 9	150		0.14	A	0.14					
5	HANGER	PL	90* 9	150		0.14	A	0.14					
2	VSTF	PL	240* 19	2614		2.51	C	2.51					
1	VSTF	PL	240* 19	2614		1.25	C	1.25					
6	HSTF	PL	160* 17	1098		2.11	C	2.11					
1	HSTF	PL	160* 17	222		0.07	C	0.07					
1	RWEB	PL	3066* 15	8304		50.92	A	25.46	C	25.46			
7	HANGER	PL	90* 9	150		0.19	A	0.19					
7	HANGER	PL	90* 9	150		0.19	A	0.19					
2	VSTF	PL	240* 19	2948		2.83	C	2.83					
1	VSTF	PL	240* 19	2948		1.42	C	1.42					
6	HSTF	PL	160* 17	1095		2.10	C	2.10					
1	HSTF	PL	160* 17	220		0.07	C	0.07					
1	LFLG	PL	1749* 26	8276		28.95	A	16.50	C	12.45			
2	LRIB	PL	200* 22	8249		6.60	C	6.60					
3	LRIB	PL	200* 22	541		0.65	C	0.65					
2	MIZUNUKI	FB	50* 6	524		0.10	C	0.10					
1	MIZUNUKI	FB	50* 6	520		0.05	C	0.05					
1	MIZUNUKI	PL	75* 22	75	70	0.01							
J6-J7							A	65.33	C	80.38			

APPROACH BRIDGE GIRDER G4 J7-J8												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	LWEB	PL	2730* 15	8321		45.43	A	22.72	C	22.72		
6	HANGER	PL	90* 9	150		0.16	A	0.16				
6	HANGER	PL	90* 9	150		0.16	A	0.16				
1	VSTF	PL	240* 19	2614		1.25	C	1.25				
2	VSTF	PL	240* 19	2649		2.54	C	2.54				
1	VSTF	PL	240* 19	2649		1.27	C	1.27				
1	HSTF	PL	160* 17	217		0.07	C	0.07				
4	HSTF	PL	160* 17	1098		1.41	C	1.41				
1	HSTF	PL	160* 17	1093		0.35	C	0.35				
2	HSTF	PL	160* 17	1098		0.70	C	0.70				
2	HSTF	PL	160* 17	1093		0.70	C	0.70				
1	HSTF	PL	160* 17	217		0.07	C	0.07				
1	RWEB	PL	3066* 15	8302		50.91	A	25.45	C	25.45		
7	HANGER	PL	90* 9	150		0.19	A	0.19				
7	HANGER	PL	90* 9	150		0.19	A	0.19				
1	VSTF	PL	240* 19	2948		1.42	C	1.42				

Caluculation of Steel Primer

(Unit: mm, m²)

2	VSTF	PL	240* 19	3118		2.99	C	2.99						
1	VSTF	PL	240* 19	3118		1.50	C	1.50						
1	HSTF	PL	160* 17	215		0.07	C	0.07						
4	HSTF	PL	160* 17	1095		1.40	C	1.40						
1	HSTF	PL	160* 17	1091		0.35	C	0.35						
2	HSTF	PL	160* 17	1096		0.70	C	0.70						
2	HSTF	PL	160* 17	1091		0.70	C	0.70						
1	HSTF	PL	160* 17	215		0.07	C	0.07						
1	LFLG	PL	1749* 13	8276		28.95	A	16.50	C	12.45				
5	LRIB	PL	170* 17	8249		14.02	C	14.02						
1	MIZUNUKI	FB	50* 6	250		0.05	C	0.05						
2	MIZUNUKI	FB	50* 6	246		0.05	C	0.05						
1	MIZUNUKI	FB	50* 6	252		0.05	C	0.05						
1	MIZUNUKI	FB	50* 6	259		0.05	C	0.05						
1	MIZUNUKI	FB	50* 6	262		0.05	C	0.05						
1	MIZUNUKI	PL	75* 22	75	70	0.01								
							J7-J8	A	65.37	C	92.45			

APPROACH BRIDGE GIRDER G4 J8-J9														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	LWEB	PL	2729* 17	7000		38.21	A	19.10	C	19.10				
4	HANGER	PL	90* 9	150		0.11	A	0.11						
4	HANGER	PL	90* 9	150		0.11	A	0.11						
1	VSTF	PL	240* 19	2649		1.27	C	1.27						
2	VSTF	PL	240* 19	2649		2.54	C	2.54						
1	HSTF	PL	160* 17	938		0.30	C	0.30						
2	HSTF	PL	160* 17	1068		0.68	C	0.68						
2	HSTF	PL	160* 17	1073		0.69	C	0.69						
1	RWEB	PL	3065* 17	6984		42.81	A	21.41	C	21.41				
6	HANGER	PL	90* 9	150		0.16	A	0.16						
6	HANGER	PL	90* 9	150		0.16	A	0.16						
1	VSTF	PL	240* 19	3118		1.50	C	1.50						
2	VSTF	PL	240* 19	3118		2.99	C	2.99						
1	HSTF	PL	160* 17	220		0.07	C	0.07						
1	HSTF	PL	160* 17	1071		0.34	C	0.34						
2	HSTF	PL	160* 17	1066		0.68	C	0.68						
2	HSTF	PL	160* 17	1071		0.69	C	0.69						
1	LFLG	PL	1746* 15	6957		24.29	A	13.85	C	10.45				
5	LRIB	PL	170* 17	6931		11.78	C	11.78						
1	MIZUNUKI	FB	50* 6	250		0.05	C	0.05						
2	MIZUNUKI	FB	50* 6	246		0.05	C	0.05						
1	MIZUNUKI	FB	50* 6	252		0.05	C	0.05						

Caluculation of Steel Primer

(Unit: mm, m²)

1	MIZUNUKI	FB	50* 6	259		0.05	C	0.05					
1	MIZUNUKI	FB	50* 6	262		0.05	C	0.05					
1	MIZUNUKI	PL	75* 22	75	70	0.01							
J8-J9							A	54.90	C	74.74			

APPROACH BRIDGE GIRDER G4 J9-J10													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	LWEB	PL	2729* 17	5876		32.07	A	16.04	C	16.04			
4	HANGER	PL	90* 9	150		0.11	A	0.11					
4	HANGER	PL	90* 9	150		0.11	A	0.11					
1	VSTF	PL	240* 19	2649		1.27	C	1.27					
1	VSTF	PL	240* 19	2650		1.27	C	1.27					
1	HSTF	PL	160* 17	1068		0.34	C	0.34					
1	HSTF	PL	160* 17	938		0.30	C	0.30					
1	HSTF	PL	160* 17	956		0.31	C	0.31					
1	HSTF	PL	160* 17	1087		0.35	C	0.35					
1	RWEB	PL	3064* 17	5862		35.92	A	17.96	C	17.96			
5	HANGER	PL	90* 9	150		0.14	A	0.14					
5	HANGER	PL	90* 9	150		0.14	A	0.14					
2	VSTF	PL	240* 19	3118		2.99	C	2.99					
1	HSTF	PL	160* 17	1036		0.33	C	0.33					
1	HSTF	PL	160* 17	1055		0.34	C	0.34					
1	HSTF	PL	160* 17	1086		0.35	C	0.35					
1	HSTF	PL	160* 17	1115		0.36	C	0.36					
1	LFLG	PL	1876* 25	5834	93	20.36	A	11.60	C	8.75			
3	LRIB	PL	200* 22	5809		6.97	C	6.97					
1	LRIB	PL	200* 22	2370		0.95	C	0.95					
1	LRIB	PL	200* 22	2364		0.95	C	0.95					
1	LRIB	PL	200* 22	2460		0.98	C	0.98					
1	LRIB	PL	200* 22	2463		0.99	C	0.99					
1	SOLE	PL	1100* 48	970	95	2.03							
1	MIZUNUKI	FB	50* 6	250		0.05	C	0.05					
2	MIZUNUKI	FB	50* 6	246		0.05	C	0.05					
1	MIZUNUKI	FB	50* 6	252		0.05	C	0.05					
1	MIZUNUKI	FB	50* 6	259		0.05	C	0.05					
1	MIZUNUKI	FB	50* 6	262		0.05	C	0.05					
1	MIZUNUKI	PL	75* 22	75	70	0.01							
2	FLG	PL	100* 10	1721		0.69	C	0.69					
2	WEB	PL	400* 9	1721		2.75	C	2.75					
J9-J10							A	46.10	C	65.49			

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE GIRDER G4 J10-J11												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	LWEB	PL	2730* 17	7106		38.80	A	19.40	C	19.40		
4	HANGER	PL	90* 9	150		0.11	A	0.11				
4	HANGER	PL	90* 9	150		0.11	A	0.11				
2	VSTF	PL	240* 19	2650		2.54	C	2.54				
1	VSTF	PL	240* 19	2650		1.27	C	1.27				
2	HSTF	PL	160* 17	1092		0.70	C	0.70				
2	HSTF	PL	160* 17	1087		0.70	C	0.70				
1	HSTF	PL	160* 17	957		0.31	C	0.31				
1	RWEB	PL	3065* 17	7089		43.46	A	21.73	C	21.73		
6	HANGER	PL	90* 9	150		0.16	A	0.16				
6	HANGER	PL	90* 9	150		0.16	A	0.16				
2	VSTF	PL	240* 19	3118		2.99	C	2.99				
1	VSTF	PL	240* 19	3118		1.50	C	1.50				
1	HSTF	PL	160* 17	1089		0.35	C	0.35				
1	HSTF	PL	160* 17	1090		0.35	C	0.35				
2	HSTF	PL	160* 17	1085		0.69	C	0.69				
1	HSTF	PL	160* 17	1090		0.35	C	0.35				
1	HSTF	PL	160* 17	227		0.07	C	0.07				
1	LFLG	PL	1746* 15	7066		24.67	A	14.06	C	10.61		
5	LRIB	PL	200* 22	7040		14.08	C	14.08				
1	MIZUNUKI	FB	50* 6	250		0.05	C	0.05				
2	MIZUNUKI	FB	50* 6	246		0.05	C	0.05				
1	MIZUNUKI	FB	50* 6	252		0.05	C	0.05				
1	MIZUNUKI	FB	50* 6	259		0.05	C	0.05				
1	MIZUNUKI	FB	50* 6	262		0.05	C	0.05				
1	MIZUNUKI	PL	75* 22	75	70	0.01						
J10-J11							A	55.73	C	77.89		

APPROACH BRIDGE GIRDER G4 J11-J12												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	LWEB	PL	2730* 15	8402		45.87	A	22.94	C	22.94		
6	HANGER	PL	90* 9	150		0.16	A	0.16				
6	HANGER	PL	90* 9	150		0.16	A	0.16				
1	VSTF	PL	240* 19	2650		1.27	C	1.27				
2	VSTF	PL	240* 19	2650		2.54	C	2.54				
1	VSTF	PL	240* 19	2650		1.27	C	1.27				
4	HSTF	PL	160* 17	1111		1.42	C	1.42				
1	HSTF	PL	160* 17	223		0.07	C	0.07				
1	HSTF	PL	160* 17	223		0.07	C	0.07				

Caluculation of Steel Primer

(Unit: mm, m²)

2	HSTF	PL	160* 17	1106	0.71	C	0.71													
2	HSTF	PL	160* 17	1111	0.71	C	0.71													
2	HSTF	PL	160* 17	1106	0.71	C	0.71													
1	HSTF	PL	160* 17	223	0.07	C	0.07													
1	RWEB	PL	3066* 15	8382	51.40	A	25.70	C	25.70											
7	HANGER	PL	90* 9	150	0.19	A	0.19													
7	HANGER	PL	90* 9	150	0.19	A	0.19													
1	VSTF	PL	240* 19	3118	1.50	C	1.50													
2	VSTF	PL	240* 19	3118	2.99	C	2.99													
1	VSTF	PL	240* 19	3118	1.50	C	1.50													
4	HSTF	PL	160* 17	1107	1.42	C	1.42													
1	HSTF	PL	160* 17	221	0.07	C	0.07													
1	HSTF	PL	160* 17	222	0.07	C	0.07													
2	HSTF	PL	160* 17	1103	0.71	C	0.71													
2	HSTF	PL	160* 17	1108	0.71	C	0.71													
2	HSTF	PL	160* 17	1103	0.71	C	0.71													
1	HSTF	PL	160* 17	222	0.07	C	0.07													
1	LFLG	PL	1749* 10	8363	29.25	A	16.67	C	12.58											
5	LRIB	PL	170* 17	8336	14.17	C	14.17													
1	MIZUNUKI	FB	50* 6	250	0.05	C	0.05													
2	MIZUNUKI	FB	50* 6	246	0.05	C	0.05													
1	MIZUNUKI	FB	50* 6	252	0.05	C	0.05													
1	MIZUNUKI	FB	50* 6	259	0.05	C	0.05													
1	MIZUNUKI	FB	50* 6	262	0.05	C	0.05													
1	MIZUNUKI	PL	75* 22	75	70	0.01														
							J11-J12	A	66.01	C	94.23									

APPROACH BRIDGE GIRDER G4 J12-J13														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
1	LWEB	PL	2730* 15	8400		45.86	A	22.93	C	22.93				
5	HANGER	PL	90* 9	150		0.14	A	0.14						
5	HANGER	PL	90* 9	150		0.14	A	0.14						
1	VSTF	PL	240* 19	2650		1.27	C	1.27						
2	VSTF	PL	240* 19	2650		2.54	C	2.54						
1	HSTF	PL	160* 17	228		0.07	C	0.07						
6	HSTF	PL	160* 17	1111		2.13	C	2.13						
1	HSTF	PL	160* 17	228		0.07	C	0.07						
1	HSTF	PL	160* 17	975		0.31	C	0.31						
2	HSTF	PL	160* 17	1106		0.71	C	0.71						
2	HSTF	PL	160* 17	1111		0.71	C	0.71						
1	HSTF	PL	160* 17	1106		0.35	C	0.35						
1	HSTF	PL	160* 17	223		0.07	C	0.07						

Caluculation of Steel Primer

(Unit: mm, m²)

1	RWEB	PL	3066* 15	8380		51.39	A	25.69	C	25.69				
7	HANGER	PL	90* 9	150		0.19	A	0.19						
7	HANGER	PL	90* 9	150		0.19	A	0.19						
1	VSTF	PL	240* 19	3117		1.50	C	1.50						
2	VSTF	PL	240* 19	3117		2.99	C	2.99						
1	HSTF	PL	160* 17	226		0.07	C	0.07						
6	HSTF	PL	160* 17	1107		2.13	C	2.13						
1	HSTF	PL	160* 17	226		0.07	C	0.07						
1	HSTF	PL	160* 17	227		0.07	C	0.07						
1	HSTF	PL	160* 17	1108		0.35	C	0.35						
2	HSTF	PL	160* 17	1103		0.71	C	0.71						
2	HSTF	PL	160* 17	1108		0.71	C	0.71						
1	HSTF	PL	160* 17	1103		0.35	C	0.35						
1	HSTF	PL	160* 17	222		0.07	C	0.07						
1	LFLG	PL	1749* 10	8363		29.25	A	16.67	C	12.58				
5	LRIB	PL	170* 17	8336		14.17	C	14.17						
1	MIZUNUKI	FB	50* 6	250		0.05	C	0.05						
2	MIZUNUKI	FB	50* 6	246		0.05	C	0.05						
1	MIZUNUKI	FB	50* 6	252		0.05	C	0.05						
1	MIZUNUKI	FB	50* 6	259		0.05	C	0.05						
1	MIZUNUKI	FB	50* 6	262		0.05	C	0.05						
1	MIZUNUKI	PL	75* 22	75	70	0.01								
J12-J13							A	65.95	C	92.87				

APPROACH BRIDGE GIRDER G4 J13-J14														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
1	LWEB	PL	2730* 15	7203		39.33	A	19.66	C	19.66				
4	HANGER	PL	90* 9	150		0.11	A	0.11						
4	HANGER	PL	90* 9	150		0.11	A	0.11						
2	VSTF	PL	240* 19	2650		2.54	C	2.54						
1	VSTF	PL	240* 19	2650		1.27	C	1.27						
1	HSTF	PL	160* 17	223		0.07	C	0.07						
5	HSTF	PL	160* 17	1111		1.78	C	1.78						
1	HSTF	PL	160* 17	228		0.07	C	0.07						
1	HSTF	PL	160* 17	223		0.07	C	0.07						
1	HSTF	PL	160* 17	975		0.31	C	0.31						
1	HSTF	PL	160* 17	975		0.31	C	0.31						
2	HSTF	PL	160* 17	1106		0.71	C	0.71						
1	HSTF	PL	160* 17	1111		0.36	C	0.36						
1	HSTF	PL	160* 17	228		0.07	C	0.07						
1	RWEB	PL	3065* 15	7186		44.05	A	22.03	C	22.03				
6	HANGER	PL	90* 9	150		0.16	A	0.16						

Caluculation of Steel Primer

(Unit: mm, m²)

6	HANGER	PL	90* 9	150		0.16	A	0.16						
2	VSTF	PL	240* 19	3117		2.99	C	2.99						
1	VSTF	PL	240* 19	3117		1.50	C	1.50						
1	HSTF	PL	160* 17	221		0.07	C	0.07						
5	HSTF	PL	160* 17	1107		1.77	C	1.77						
1	HSTF	PL	160* 17	226		0.07	C	0.07						
1	HSTF	PL	160* 17	222		0.07	C	0.07						
2	HSTF	PL	160* 17	1108		0.71	C	0.71						
2	HSTF	PL	160* 17	1103		0.71	C	0.71						
1	HSTF	PL	160* 17	1108		0.35	C	0.35						
1	HSTF	PL	160* 17	227		0.07	C	0.07						
1	LFLG	PL	1746* 10	7168		25.03	A	14.27	C	10.76				
5	LRIB	PL	170* 17	7142		12.14	C	12.14						
1	MIZUNUKI	FB	50* 6	250		0.05	C	0.05						
2	MIZUNUKI	FB	50* 6	246		0.05	C	0.05						
1	MIZUNUKI	FB	50* 6	252		0.05	C	0.05						
1	MIZUNUKI	FB	50* 6	259		0.05	C	0.05						
1	MIZUNUKI	FB	50* 6	262		0.05	C	0.05						
1	MIZUNUKI	PL	75* 22	75	70	0.01								
J13-J14							A	56.50	C	80.71				

APPROACH BRIDGE GIRDER G4 J14-J15														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	LWEB	PL	2730* 15	8396		45.84	A	22.92	C	22.92				
6	HANGER	PL	90* 9	150		0.16	A	0.16						
6	HANGER	PL	90* 9	150		0.16	A	0.16						
1	VSTF	PL	240* 19	2650		1.27	C	1.27						
2	VSTF	PL	240* 19	2650		2.54	C	2.54						
1	VSTF	PL	240* 19	2650		1.27	C	1.27						
1	HSTF	PL	160* 17	223		0.07	C	0.07						
5	HSTF	PL	160* 17	1111		1.78	C	1.78						
1	HSTF	PL	160* 17	1111		0.36	C	0.36						
1	HSTF	PL	160* 17	223		0.07	C	0.07						
1	HSTF	PL	160* 17	223		0.07	C	0.07						
2	HSTF	PL	160* 17	1106		0.71	C	0.71						
1	HSTF	PL	160* 17	975		0.31	C	0.31						
1	HSTF	PL	160* 17	975		0.31	C	0.31						
1	HSTF	PL	160* 17	1106		0.35	C	0.35						
1	HSTF	PL	160* 17	1106		0.35	C	0.35						
1	HSTF	PL	160* 17	223		0.07	C	0.07						
1	RWEB	PL	3066* 15	8378		51.37	A	25.69	C	25.69				
7	HANGER	PL	90* 9	150		0.19	A	0.19						

Caluculation of Steel Primer

(Unit: mm, m²)

7	HANGER	PL	90* 9	150		0.19	A	0.19							
1	VSTF	PL	240* 19	3117		1.50	C	1.50							
2	VSTF	PL	240* 19	3117		2.99	C	2.99							
1	VSTF	PL	240* 19	3117		1.50	C	1.50							
1	HSTF	PL	160* 17	221		0.07	C	0.07							
5	HSTF	PL	160* 17	1107		1.77	C	1.77							
1	HSTF	PL	160* 17	1109		0.35	C	0.35							
1	HSTF	PL	160* 17	221		0.07	C	0.07							
1	HSTF	PL	160* 17	222		0.07	C	0.07							
2	HSTF	PL	160* 17	1103		0.71	C	0.71							
2	HSTF	PL	160* 17	1108		0.71	C	0.71							
1	HSTF	PL	160* 17	1103		0.35	C	0.35							
1	HSTF	PL	160* 17	1104		0.35	C	0.35							
1	HSTF	PL	160* 17	221		0.07	C	0.07							
1	LFLG	PL	1748* 10	8363		29.24	A	16.67	C	12.57					
5	LRIB	PL	170* 17	8336		14.17	C	14.17							
1	MIZUNUKI	FB	50* 6	250		0.05	C	0.05							
2	MIZUNUKI	FB	50* 6	246		0.05	C	0.05							
1	MIZUNUKI	FB	50* 6	252		0.05	C	0.05							
1	MIZUNUKI	FB	50* 6	259		0.05	C	0.05							
1	MIZUNUKI	FB	50* 6	262		0.05	C	0.05							
1	MIZUNUKI	PL	75* 22	75	70	0.01									
J14-J15							A	65.98	C	95.64					

APPROACH BRIDGE GIRDER G4 J15-J16

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
1	LWEB	PL	2730* 15	7210		39.37	A	19.68	C	19.68				
4	HANGER	PL	90* 9	150		0.11	A	0.11						
4	HANGER	PL	90* 9	150		0.11	A	0.11						
1	VSTF	PL	240* 19	2650		1.27	C	1.27						
2	VSTF	PL	240* 19	2649		2.54	C	2.54						
1	HSTF	PL	160* 17	228		0.07	C	0.07						
2	HSTF	PL	160* 17	1111		0.71	C	0.71						
2	HSTF	PL	160* 17	1112		0.71	C	0.71						
1	HSTF	PL	160* 17	1114		0.36	C	0.36						
1	HSTF	PL	160* 17	224		0.07	C	0.07						
1	HSTF	PL	160* 17	228		0.07	C	0.07						
1	HSTF	PL	160* 17	1111		0.36	C	0.36						
1	HSTF	PL	160* 17	1106		0.35	C	0.35						
1	HSTF	PL	160* 17	1107		0.35	C	0.35						
1	HSTF	PL	160* 17	976		0.31	C	0.31						
1	HSTF	PL	160* 17	977		0.31	C	0.31						

Caluculation of Steel Primer

(Unit: mm, m²)

1	HSTF	PL	160* 17	224		0.07	C	0.07												
1	RWEB	PL	3118* 15	7381		46.03	A	23.01	C	23.01										
6	HANGER	PL	90* 9	150		0.16	A	0.16												
6	HANGER	PL	90* 9	150		0.16	A	0.16												
1	VSTF	PL	240* 19	3117		1.50	C	1.50												
2	VSTF	PL	240* 19	3118		2.99	C	2.99												
1	HSTF	PL	160* 17	227		0.07	C	0.07												
2	HSTF	PL	160* 17	1109		0.71	C	0.71												
1	HSTF	PL	160* 17	1197		0.38	C	0.38												
1	HSTF	PL	160* 17	1219		0.39	C	0.39												
1	HSTF	PL	160* 17	1112		0.36	C	0.36												
1	HSTF	PL	160* 17	224		0.07	C	0.07												
1	HSTF	PL	160* 17	227		0.07	C	0.07												
1	HSTF	PL	160* 17	1110		0.36	C	0.36												
1	HSTF	PL	160* 17	1104		0.35	C	0.35												
1	HSTF	PL	160* 17	1128		0.36	C	0.36												
1	HSTF	PL	160* 17	1220		0.39	C	0.39												
1	HSTF	PL	160* 17	1113		0.36	C	0.36												
1	HSTF	PL	160* 17	224		0.07	C	0.07												
1	LFLG	PL	1855* 10	7283		27.02	A	15.40	C	11.62										
5	LRIB	PL	170* 17	7207		12.25	C	12.25												
1	MIZUNUKI	FB	50* 6	250		0.05	C	0.05												
2	MIZUNUKI	FB	50* 6	246		0.05	C	0.05												
1	MIZUNUKI	FB	50* 6	252		0.05	C	0.05												
1	MIZUNUKI	FB	50* 6	259		0.05	C	0.05												
1	MIZUNUKI	FB	50* 6	262		0.05	C	0.05												
1	MIZUNUKI	PL	75* 22	75	70	0.01														
							J15-J16	A	58.63	C	82.79									

APPROACH BRIDGE GIRDER G4 J16-J17																			
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks						
1	LWEB	PL	2729* 15	8421		45.96	A	22.98	C	22.98									
5	HANGER	PL	90* 9	150		0.14	A	0.14											
5	HANGER	PL	90* 9	150		0.14	A	0.14											
2	VSTF	PL	240* 19	2649		2.54	C	2.54											
1	VSTF	PL	240* 19	2649		1.27	C	1.27											
1	HSTF	PL	160* 17	229		0.07	C	0.07											
4	HSTF	PL	160* 17	1114		1.43	C	1.43											
1	HSTF	PL	160* 17	224		0.07	C	0.07											
1	HSTF	PL	160* 17	1109		0.35	C	0.35											
2	HSTF	PL	160* 17	1114		0.71	C	0.71											
2	HSTF	PL	160* 17	1109		0.71	C	0.71											

Caluculation of Steel Primer

(Unit: mm, m²)

1	HSTF	PL	160* 17	994		0.32	C	0.32						
1	RWEB	PL	3065* 15	8411		51.56	A	25.78	C	25.78				
7	HANGER	PL	90* 9	150		0.19	A	0.19						
7	HANGER	PL	90* 9	150		0.19	A	0.19						
2	VSTF	PL	240* 19	3118		2.99	C	2.99						
1	VSTF	PL	240* 19	3118		1.50	C	1.50						
1	HSTF	PL	160* 17	229		0.07	C	0.07						
4	HSTF	PL	160* 17	1112		1.42	C	1.42						
1	HSTF	PL	160* 17	224		0.07	C	0.07						
1	HSTF	PL	160* 17	1108		0.35	C	0.35						
2	HSTF	PL	160* 17	1113		0.71	C	0.71						
2	HSTF	PL	160* 17	1108		0.71	C	0.71						
1	HSTF	PL	160* 17	1113		0.36	C	0.36						
1	HSTF	PL	160* 17	229		0.07	C	0.07						
1	LFLG	PL	1744* 12	8387		29.25	A	16.67	C	12.58				
5	LRIB	PL	170* 17	8363		14.22	C	14.22						
1	MIZUNUKI	FB	50* 6	250		0.05	C	0.05						
2	MIZUNUKI	FB	50* 6	246		0.05	C	0.05						
1	MIZUNUKI	FB	50* 6	252		0.05	C	0.05						
1	MIZUNUKI	FB	50* 6	259		0.05	C	0.05						
1	MIZUNUKI	FB	50* 6	262		0.05	C	0.05						
1	MIZUNUKI	PL	75* 22	75	70	0.01								
J16-J17							A	66.09	C	91.53				

APPROACH BRIDGE GIRDER G4 J17-J18														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	LWEB	PL	2729* 15	8421		45.96	A	22.98	C	22.98				
6	HANGER	PL	90* 9	150		0.16	A	0.16						
6	HANGER	PL	90* 9	150		0.16	A	0.16						
1	VSTF	PL	240* 19	2649		1.27	C	1.27						
2	VSTF	PL	240* 19	2649		2.54	C	2.54						
1	VSTF	PL	240* 19	2649		1.27	C	1.27						
1	HSTF	PL	160* 17	225		0.07	C	0.07						
2	HSTF	PL	160* 17	1109		0.71	C	0.71						
2	HSTF	PL	160* 17	1114		0.71	C	0.71						
1	HSTF	PL	160* 17	1110		0.36	C	0.36						
1	HSTF	PL	160* 17	1109		0.35	C	0.35						
1	HSTF	PL	160* 17	150		0.05	C	0.05						
1	RWEB	PL	3065* 15	8411		51.56	A	25.78	C	25.78				
7	HANGER	PL	90* 9	150		0.19	A	0.19						
7	HANGER	PL	90* 9	150		0.19	A	0.19						
1	VSTF	PL	240* 19	3118		1.50	C	1.50						

Caluculation of Steel Primer

(Unit: mm, m²)

2	VSTF	PL	240* 19	3118		2.99	C	2.99						
1	VSTF	PL	240* 19	3118		1.50	C	1.50						
1	HSTF	PL	160* 17	224		0.07	C	0.07						
2	HSTF	PL	160* 17	1108		0.71	C	0.71						
2	HSTF	PL	160* 17	1113		0.71	C	0.71						
2	HSTF	PL	160* 17	1108		0.71	C	0.71						
1	LFLG	PL	1744* 24	8389		29.26	A	16.68	C	12.58				
5	LRIB	PL	200* 22	8365		16.73	C	16.73						
1	MIZUNUKI	FB	50* 6	250		0.05	C	0.05						
2	MIZUNUKI	FB	50* 6	246		0.05	C	0.05						
1	MIZUNUKI	FB	50* 6	252		0.05	C	0.05						
1	MIZUNUKI	FB	50* 6	259		0.05	C	0.05						
1	MIZUNUKI	FB	50* 6	262		0.05	C	0.05						
1	MIZUNUKI	PL	75* 22	75	70	0.01								
J17-J18							A	66.14	C	93.84				

APPROACH BRIDGE GIRDER G4 J18-J19														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	LWEB	PL	2729* 17	6870		37.50	A	18.75	C	18.75				
4	HANGER	PL	90* 9	150		0.11	A	0.11						
4	HANGER	PL	90* 9	150		0.11	A	0.11						
1	VSTF	PL	240* 19	2649		1.27	C	1.27						
2	VSTF	PL	240* 19	2649		2.54	C	2.54						
1	HSTF	PL	160* 17	975		0.31	C	0.31						
2	HSTF	PL	160* 17	1091		0.70	C	0.70						
1	HSTF	PL	160* 17	1096		0.35	C	0.35						
1	HSTF	PL	160* 17	596		0.19	C	0.19						
1	HSTF	PL	160* 17	390		0.12	C	0.12						
1	RWEB	PL	3064* 17	6862		42.05	A	21.03	C	21.03				
6	HANGER	PL	90* 9	150		0.16	A	0.16						
6	HANGER	PL	90* 9	150		0.16	A	0.16						
1	VSTF	PL	240* 19	3118		1.50	C	1.50						
2	VSTF	PL	240* 19	3118		2.99	C	2.99						
1	HSTF	PL	160* 17	154		0.05	C	0.05						
1	HSTF	PL	160* 17	1095		0.35	C	0.35						
2	HSTF	PL	160* 17	1090		0.70	C	0.70						
1	HSTF	PL	160* 17	1095		0.35	C	0.35						
1	HSTF	PL	160* 17	595		0.19	C	0.19						
1	HSTF	PL	160* 17	390		0.12	C	0.12						
1	LFLG	PL	1743* 45	6839		23.84	A	13.59	C	10.25				
5	LRIB	PL	200* 22	6816		13.63	C	13.63						
1	MIZUNUKI	FB	50* 6	250		0.05	C	0.05						

Caluculation of Steel Primer

(Unit: mm, m²)

2	MIZUNUKI	FB	50* 6	246		0.05	C	0.05						
1	MIZUNUKI	FB	50* 6	252		0.05	C	0.05						
1	MIZUNUKI	FB	50* 6	259		0.05	C	0.05						
1	MIZUNUKI	FB	50* 6	262		0.05	C	0.05						
1	MIZUNUKI	PL	75* 22	75	70	0.01								
J18-J19							A	53.91	C	75.64				

APPROACH BRIDGE GIRDER G4 J19-J20														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	LWEB	PL	2729* 17	6220		33.95	A	16.97	C	16.97				
4	HANGER	PL	90* 9	150		0.11	A	0.11						
4	HANGER	PL	90* 9	150		0.11	A	0.11						
2	VSTF	PL	240* 19	2649		2.54	C	2.54						
1	HSTF	PL	160* 17	336		0.11	C	0.11						
1	HSTF	PL	160* 17	1091		0.35	C	0.35						
1	HSTF	PL	160* 17	961		0.31	C	0.31						
1	HSTF	PL	160* 17	892		0.29	C	0.29						
1	HSTF	PL	160* 17	1023		0.33	C	0.33						
1	HSTF	PL	160* 17	371		0.12	C	0.12						
1	RWEB	PL	3064* 17	6212		38.07	A	19.03	C	19.03				
5	HANGER	PL	90* 9	150		0.14	A	0.14						
5	HANGER	PL	90* 9	150		0.14	A	0.14						
2	VSTF	PL	240* 19	3118		2.99	C	2.99						
1	HSTF	PL	160* 17	389		0.12	C	0.12						
1	HSTF	PL	160* 17	981		0.31	C	0.31						
1	HSTF	PL	160* 17	976		0.31	C	0.31						
1	HSTF	PL	160* 17	1125		0.36	C	0.36						
1	HSTF	PL	160* 17	1129		0.36	C	0.36						
1	HSTF	PL	160* 17	320		0.10	C	0.10						
1	LFLG	PL	1901* 57	6190	93	21.89	A	12.48	C	9.41				
3	LRIB	PL	200* 22	6167		7.40	C	7.40						
1	LRIB	PL	200* 22	2622		1.05	C	1.05						
1	LRIB	PL	200* 22	2605		1.04	C	1.04						
1	LRIB	PL	200* 22	2566		1.03	C	1.03						
1	LRIB	PL	200* 22	2580		1.03	C	1.03						
1	SOLE	PL	1100* 51	970	95	2.03								
1	MIZUNUKI	FB	50* 6	250		0.05	C	0.05						
2	MIZUNUKI	FB	50* 6	246		0.05	C	0.05						
1	MIZUNUKI	FB	50* 6	252		0.05	C	0.05						
1	MIZUNUKI	FB	50* 6	259		0.05	C	0.05						
1	MIZUNUKI	FB	50* 6	262		0.05	C	0.05						
1	MIZUNUKI	PL	75* 22	75	70	0.01								

Caluculation of Steel Primer

(Unit: mm, m²)

2	FLG	PL	100* 10	1725		0.69	C	0.69					
2	WEB	PL	400* 9	1725		2.76	C	2.76					
J19-J20							A	48.98	C	69.26			

APPROACH BRIDGE GIRDER G4 J20-J21													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	LWEB	PL	2729* 17	6521		35.59	A	17.80	C	17.80			
4	HANGER	PL	90* 9	150		0.11	A	0.11					
4	HANGER	PL	90* 9	150		0.11	A	0.11					
2	VSTF	PL	240* 19	2649		2.54	C	2.54					
1	VSTF	PL	240* 19	2649		1.27	C	1.27					
1	HSTF	PL	160* 17	326		0.10	C	0.10					
1	HSTF	PL	160* 17	598		0.19	C	0.19					
1	HSTF	PL	160* 17	1028		0.33	C	0.33					
2	HSTF	PL	160* 17	1023		0.65	C	0.65					
1	HSTF	PL	160* 17	907		0.29	C	0.29					
1	RWEB	PL	3064* 17	6513		39.91	A	19.96	C	19.96			
6	HANGER	PL	90* 9	150		0.16	A	0.16					
6	HANGER	PL	90* 9	150		0.16	A	0.16					
2	VSTF	PL	240* 19	3118		2.99	C	2.99					
1	VSTF	PL	240* 19	3118		1.50	C	1.50					
1	HSTF	PL	160* 17	326		0.10	C	0.10					
1	HSTF	PL	160* 17	596		0.19	C	0.19					
1	HSTF	PL	160* 17	1027		0.33	C	0.33					
2	HSTF	PL	160* 17	1022		0.65	C	0.65					
1	HSTF	PL	160* 17	1027		0.33	C	0.33					
1	HSTF	PL	160* 17	217		0.07	C	0.07					
1	LFLG	PL	1743* 42	6492		22.63	A	12.90	C	9.73			
5	LRIB	PL	200* 22	6469		12.94	C	12.94					
1	MIZUNUKI	FB	50* 6	250		0.05	C	0.05					
2	MIZUNUKI	FB	50* 6	246		0.05	C	0.05					
1	MIZUNUKI	FB	50* 6	252		0.05	C	0.05					
1	MIZUNUKI	FB	50* 6	259		0.05	C	0.05					
1	MIZUNUKI	FB	50* 6	262		0.05	C	0.05					
1	MIZUNUKI	PL	75* 22	75	70	0.01							
J20-J21							A	51.20	C	72.21			

APPROACH BRIDGE GIRDER G4 J21-J22													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	LWEB	PL	2731* 15	7068		38.61	A	19.30	C	19.30			

Caluculation of Steel Primer

(Unit: mm, m²)

5	HANGER	PL	90* 9	150		0.14	A	0.14											
5	HANGER	PL	90* 9	150		0.14	A	0.14											
1	VSTF	PL	240* 19	2649		1.27	C	1.27											
2	VSTF	PL	240* 19	2649		2.54	C	2.54											
1	HSTF	PL	160* 17	213		0.07	C	0.07											
1	HSTF	PL	160* 17	1086		0.35	C	0.35											
1	HSTF	PL	160* 17	1085		0.35	C	0.35											
1	HSTF	PL	160* 17	1090		0.35	C	0.35											
1	HSTF	PL	160* 17	1089		0.35	C	0.35											
1	HSTF	PL	160* 17	1084		0.35	C	0.35											
1	HSTF	PL	160* 17	159		0.05	C	0.05											
1	RWEB	PL	3105* 15	6928		43.02	A	21.51	C	21.51									
6	HANGER	PL	90* 9	150		0.16	A	0.16											
6	HANGER	PL	90* 9	150		0.16	A	0.16											
1	VSTF	PL	240* 19	3118		1.50	C	1.50											
2	VSTF	PL	240* 19	3118		2.99	C	2.99											
1	HSTF	PL	160* 17	212		0.07	C	0.07											
2	HSTF	PL	160* 17	1084		0.69	C	0.69											
1	HSTF	PL	160* 17	1089		0.35	C	0.35											
1	HSTF	PL	160* 17	980		0.31	C	0.31											
1	HSTF	PL	160* 17	1061		0.34	C	0.34											
1	HSTF	PL	160* 17	158		0.05	C	0.05											
1	LFLG	PL	1831* 21	7048		25.81	A	14.71	C	11.10									
5	LRIB	PL	200* 22	6966		13.93	C	13.93											
1	MIZUNUKI	FB	50* 6	250		0.05	C	0.05											
2	MIZUNUKI	FB	50* 6	246		0.05	C	0.05											
1	MIZUNUKI	FB	50* 6	252		0.05	C	0.05											
1	MIZUNUKI	FB	50* 6	259		0.05	C	0.05											
1	MIZUNUKI	FB	50* 6	262		0.05	C	0.05											
1	MIZUNUKI	PL	75* 22	75	70	0.01													
							J21-J22	A	56.12	C	78.07								

APPROACH BRIDGE GIRDER G4 J22-J23														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
1	LWEB	PL	2731* 15	8223		44.91	A	22.46	C	22.46				
5	HANGER	PL	90* 9	150		0.14	A	0.14						
5	HANGER	PL	90* 9	150		0.14	A	0.14						
2	VSTF	PL	240* 19	2650		2.54	C	2.54						
1	VSTF	PL	240* 19	2650		1.27	C	1.27						
1	VSTF	PL	240* 19	2615		1.26	C	1.26						
5	HSTF	PL	160* 17	1088		1.74	C	1.74						
1	HSTF	PL	160* 17	211		0.07	C	0.07						

Caluculation of Steel Primer

(Unit: mm, m²)

1	HSTF	PL	160* 17	211	0.07	C	0.07							
2	HSTF	PL	160* 17	967	0.62	C	0.62							
2	HSTF	PL	160* 17	1083	0.69	C	0.69							
1	RWEB	PL	3064* 15	8213	50.33	A	25.16	C	25.16					
7	HANGER	PL	90* 9	150	0.19	A	0.19							
7	HANGER	PL	90* 9	150	0.19	A	0.19							
2	VSTF	PL	240* 19	3117	2.99	C	2.99							
1	VSTF	PL	240* 19	3117	1.50	C	1.50							
1	VSTF	PL	240* 19	2947	1.41	C	1.41							
5	HSTF	PL	160* 17	1086	1.74	C	1.74							
1	HSTF	PL	160* 17	210	0.07	C	0.07							
1	HSTF	PL	160* 17	264	0.08	C	0.08							
1	HSTF	PL	160* 17	1087	0.35	C	0.35							
1	HSTF	PL	160* 17	1086	0.35	C	0.35							
2	HSTF	PL	160* 17	1081	0.69	C	0.69							
1	LFLG	PL	1744* 14	8201	28.61	A	16.30	C	12.30					
3	LRIB	PL	170* 17	6391	6.52	C	6.52							
2	LRIB	PL	170* 17	8178	5.56	C	5.56							
1	MIZUNUKI	FB	50* 6	250	0.05	C	0.05							
2	MIZUNUKI	FB	50* 6	246	0.05	C	0.05							
1	MIZUNUKI	FB	50* 6	252	0.05	C	0.05							
1	MIZUNUKI	FB	50* 6	259	0.05	C	0.05							
1	MIZUNUKI	FB	50* 6	262	0.05	C	0.05							
1	MIZUNUKI	PL	75* 22	75	70	0.01								
J22-J23							A	64.58	C	89.69				

APPROACH BRIDGE GIRDER G4 J23-J24														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	LWEB	PL	2730* 15	8221		44.89	A	22.44	C	22.44				
5	HANGER	PL	90* 9	150		0.14	A	0.14						
5	HANGER	PL	90* 9	150		0.14	A	0.14						
2	VSTF	PL	240* 19	2615		2.51	C	2.51						
1	VSTF	PL	240* 19	2615		1.26	C	1.26						
1	HSTF	PL	160* 17	216		0.07	C	0.07						
3	HSTF	PL	160* 17	1088		1.04	C	1.04						
1	HSTF	PL	160* 17	1087		0.35	C	0.35						
1	HSTF	PL	160* 17	1088		0.35	C	0.35						
1	HSTF	PL	160* 17	1087		0.35	C	0.35						
1	HSTF	PL	160* 17	216		0.07	C	0.07						
1	RWEB	PL	3064* 15	8211		50.32	A	25.16	C	25.16				
7	HANGER	PL	90* 9	150		0.19	A	0.19						
7	HANGER	PL	90* 9	150		0.19	A	0.19						

Caluculation of Steel Primer

(Unit: mm, m²)

2	VSTF	PL	240* 19	2947		2.83	C	2.83						
1	VSTF	PL	240* 19	2947		1.41	C	1.41						
1	HSTF	PL	160* 17	215		0.07	C	0.07						
6	HSTF	PL	160* 17	1086		2.09	C	2.09						
1	HSTF	PL	160* 17	215		0.07	C	0.07						
1	LFLG	PL	1744* 27	8201		28.61	A	16.30	C	12.30				
2	LRIB	PL	200* 22	8177		6.54	C	6.54						
2	MIZUNUKI	FB	50* 6	524		0.10	C	0.10						
1	MIZUNUKI	FB	50* 6	520		0.05	C	0.05						
1	MIZUNUKI	PL	75* 22	75	70	0.01								
J23-J24							A	64.56	C	79.06				

APPROACH BRIDGE GIRDER G4 J24-J25														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	LWEB	PL	2730* 17	8139		44.44	A	22.22	C	22.22				
6	HANGER	PL	90* 9	150		0.16	A	0.16						
6	HANGER	PL	90* 9	150		0.16	A	0.16						
1	VSTF	PL	240* 19	2615		1.26	C	1.26						
2	VSTF	PL	240* 19	2615		2.51	C	2.51						
1	VSTF	PL	240* 19	2615		1.26	C	1.26						
1	HSTF	PL	160* 17	211		0.07	C	0.07						
1	HSTF	PL	160* 17	1087		0.35	C	0.35						
1	HSTF	PL	160* 17	1088		0.35	C	0.35						
1	HSTF	PL	160* 17	1087		0.35	C	0.35						
1	HSTF	PL	160* 17	1088		0.35	C	0.35						
1	HSTF	PL	160* 17	1087		0.35	C	0.35						
1	HSTF	PL	160* 17	1088		0.35	C	0.35						
1	RWEB	PL	3064* 17	8130		49.82	A	24.91	C	24.91				
7	HANGER	PL	90* 9	150		0.19	A	0.19						
7	HANGER	PL	90* 9	150		0.19	A	0.19						
1	VSTF	PL	240* 19	2947		1.41	C	1.41						
2	VSTF	PL	240* 19	2947		2.83	C	2.83						
1	VSTF	PL	240* 19	2947		1.41	C	1.41						
1	HSTF	PL	160* 17	210		0.07	C	0.07						
6	HSTF	PL	160* 17	1086		2.09	C	2.09						
1	LFLG	PL	1744* 29	8121		28.33	A	16.15	C	12.18				
2	LRIB	PL	200* 22	8097		6.48	C	6.48						
2	MIZUNUKI	FB	50* 6	524		0.10	C	0.10						
1	MIZUNUKI	FB	50* 6	520		0.05	C	0.05						
1	MIZUNUKI	PL	75* 22	75	70	0.01								
J24-J25							A	63.98	C	80.95				

APPROACH BRIDGE GIRDER G4 J25-J26												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	LWEB	PL	2730* 17	8332		45.49	A	22.75	C	22.75		
5	HANGER	PL	90* 9	150		0.14	A	0.14				
5	HANGER	PL	90* 9	150		0.14	A	0.14				
1	VSTF	PL	240* 19	2615		1.26	C	1.26				
2	VSTF	PL	240* 19	2615		2.51	C	2.51				
2	HSTF	PL	160* 17	1088		0.70	C	0.70				
2	HSTF	PL	160* 17	1058		0.68	C	0.68				
2	HSTF	PL	160* 17	1073		0.69	C	0.69				
1	HSTF	PL	160* 17	189		0.06	C	0.06				
1	RWEB	PL	3080* 17	8275		50.97	A	25.49	C	25.49		
7	HANGER	PL	90* 9	150		0.19	A	0.19				
7	HANGER	PL	90* 9	150		0.19	A	0.19				
1	VSTF	PL	240* 19	2947		1.41	C	1.41				
2	VSTF	PL	240* 19	2947		2.83	C	2.83				
1	HSTF	PL	160* 17	1086		0.35	C	0.35				
1	HSTF	PL	160* 17	1086		0.35	C	0.35				
1	HSTF	PL	160* 17	1035		0.33	C	0.33				
1	HSTF	PL	160* 17	1039		0.33	C	0.33				
2	HSTF	PL	160* 17	1063		0.68	C	0.68				
1	HSTF	PL	160* 17	183		0.06	C	0.06				
1	LFLG	PL	1777* 38	8318		29.56	A	16.85	C	12.71		
2	LRIB	PL	200* 22	8276		6.62	C	6.62				
2	MIZUNUKI	FB	50* 6	524		0.10	C	0.10				
1	MIZUNUKI	FB	50* 6	520		0.05	C	0.05				
1	MIZUNUKI	PL	75* 22	75	70	0.01						
J25-J26							A	65.75	C	79.96		

APPROACH BRIDGE GIRDER G4 J26-J27												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	LWEB	PL	2730* 17	7864		42.94	A	21.47	C	21.47		
5	HANGER	PL	90* 9	150		0.14	A	0.14				
5	HANGER	PL	90* 9	150		0.14	A	0.14				
2	VSTF	PL	240* 19	2615		2.51	C	2.51				
2	VSTF	PL	240* 19	2615		2.51	C	2.51				
1	HSTF	PL	160* 17	873		0.28	C	0.28				
2	HSTF	PL	160* 17	1073		0.69	C	0.69				
2	HSTF	PL	160* 17	1089		0.70	C	0.70				
1	HSTF	PL	160* 17	790		0.25	C	0.25				

Caluculation of Steel Primer

(Unit: mm, m²)

1	HSTF	PL	160* 17	183		0.06	C	0.06						
1	RWEB	PL	3069* 17	7838		48.11	A	24.05	C	24.05				
7	HANGER	PL	90* 9	150		0.19	A	0.19						
7	HANGER	PL	90* 9	150		0.19	A	0.19						
2	VSTF	PL	240* 19	2947		2.83	C	2.83						
2	VSTF	PL	240* 19	2947		2.83	C	2.83						
1	HSTF	PL	160* 17	867		0.28	C	0.28						
2	HSTF	PL	160* 17	1063		0.68	C	0.68						
2	HSTF	PL	160* 17	1089		0.70	C	0.70						
1	HSTF	PL	160* 17	795		0.25	C	0.25						
1	HSTF	PL	160* 17	178		0.06	C	0.06						
1	LFLG	PL	1755* 42	7851		27.56	A	15.71	C	11.85				
2	LRIB	PL	200* 22	7819		6.26	C	6.26						
2	MIZUNUKI	FB	50* 6	524		0.10	C	0.10						
1	MIZUNUKI	FB	50* 6	520		0.05	C	0.05						
1	MIZUNUKI	PL	75* 22	75	70	0.01								
J26-J27							A	61.89	C	78.41				

APPROACH BRIDGE GIRDER G4 J27-J28														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	LWEB	PL	2730* 17	7120		38.88	A	19.44	C	19.44				
5	HANGER	PL	90* 9	150		0.14	A	0.14						
5	HANGER	PL	90* 9	150		0.14	A	0.14						
2	VSTF	PL	240* 19	2615		2.51	C	2.51						
1	VSTF	PL	240* 19	2615		1.26	C	1.26						
1	HSTF	PL	160* 17	248		0.08	C	0.08						
4	HSTF	PL	160* 17	1090		1.40	C	1.40						
1	HSTF	PL	160* 17	850		0.27	C	0.27						
1	HSTF	PL	160* 17	183		0.06	C	0.06						
1	RWEB	PL	3062* 17	7120		43.60	A	21.80	C	21.80				
6	HANGER	PL	90* 9	150		0.16	A	0.16						
6	HANGER	PL	90* 9	150		0.16	A	0.16						
2	VSTF	PL	240* 19	2947		2.83	C	2.83						
1	VSTF	PL	240* 19	2947		1.41	C	1.41						
1	HSTF	PL	160* 17	248		0.08	C	0.08						
4	HSTF	PL	160* 17	1090		1.40	C	1.40						
1	HSTF	PL	160* 17	850		0.27	C	0.27						
1	HSTF	PL	160* 17	183		0.06	C	0.06						
1	LFLG	PL	1740* 42	7106		24.73	A	14.10	C	10.63				
2	LRIB	PL	200* 22	7086		5.67	C	5.67						
2	MIZUNUKI	FB	50* 6	524		0.10	C	0.10						
1	MIZUNUKI	FB	50* 6	520		0.05	C	0.05						

Caluculation of Steel Primer

(Unit: mm, m²)

1	MIZUNUKI	PL	75* 22	75	70	0.01								
J27-J28							A	55.94	C	69.32				

APPROACH BRIDGE GIRDER G4 J28-J29														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
							A	C						
1	LWEB	PL	2730* 17	7097		38.75	A	19.37	C	19.37				
4	HANGER	PL	90* 9	150		0.11	A	0.11						
4	HANGER	PL	90* 9	150		0.11	A	0.11						
1	VSTF	PL	240* 19	2615		1.26	C	1.26						
2	VSTF	PL	240* 19	2615		2.51	C	2.51						
1	HSTF	PL	160* 17	188		0.06	C	0.06						
4	HSTF	PL	160* 17	1090		1.40	C	1.40						
1	HSTF	PL	160* 17	950		0.30	C	0.30						
1	HSTF	PL	160* 17	123		0.04	C	0.04						
1	RWEB	PL	3062* 17	7097		43.46	A	21.73	C	21.73				
6	HANGER	PL	90* 9	150		0.16	A	0.16						
6	HANGER	PL	90* 9	150		0.16	A	0.16						
1	VSTF	PL	240* 19	2947		1.41	C	1.41						
2	VSTF	PL	240* 19	2947		2.83	C	2.83						
1	HSTF	PL	160* 17	188		0.06	C	0.06						
4	HSTF	PL	160* 17	1090		1.40	C	1.40						
1	HSTF	PL	160* 17	950		0.30	C	0.30						
1	HSTF	PL	160* 17	123		0.04	C	0.04						
1	LFLG	PL	1740* 42	7085		24.66	A	14.05	C	10.60				
2	LRIB	PL	200* 22	7065		5.65	C	5.65						
2	MIZUNUKI	FB	50* 6	524		0.10	C	0.10						
1	MIZUNUKI	FB	50* 6	520		0.05	C	0.05						
1	MIZUNUKI	PL	75* 22	75	70	0.01								
J28-J29							A	55.69	C	69.11				

APPROACH BRIDGE GIRDER G4 J29-J30														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
							A	C						
1	LWEB	PL	2730* 17	8388		45.80	A	22.90	C	22.90				
5	HANGER	PL	90* 9	150		0.14	A	0.14						
5	HANGER	PL	90* 9	150		0.14	A	0.14						
2	VSTF	PL	240* 19	2615		2.51	C	2.51						
1	VSTF	PL	240* 19	2615		1.26	C	1.26						
6	HSTF	PL	160* 17	1090		2.09	C	2.09						
1	RWEB	PL	3062* 17	8388		51.37	A	25.68	C	25.68				
7	HANGER	PL	90* 9	150		0.19	A	0.19						

Caluculation of Steel Primer

(Unit: mm, m²)

7	HANGER	PL	90* 9	150		0.19	A	0.19						
2	VSTF	PL	240* 19	2947		2.83	C	2.83						
1	VSTF	PL	240* 19	2947		1.41	C	1.41						
6	HSTF	PL	160* 17	1090		2.09	C	2.09						
1	LFLG	PL	1740* 36	8377		29.15	A	16.62	C	12.54				
2	LRIB	PL	200* 22	8357		6.69	C	6.69						
2	MIZUNUKI	FB	50* 6	524		0.10	C	0.10						
1	MIZUNUKI	FB	50* 6	520		0.05	C	0.05						
1	MIZUNUKI	PL	75* 22	75	70	0.01								
J29-J30							A	65.86	C	80.15				

APPROACH BRIDGE GIRDER G4 J30-J31													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
1	LWEB	PL	2731* 17	8145		44.49	A	22.24	C	22.24			
6	HANGER	PL	90* 9	150		0.16	A	0.16					
6	HANGER	PL	90* 9	150		0.16	A	0.16					
1	VSTF	PL	240* 19	2615		1.26	C	1.26					
2	VSTF	PL	240* 19	2615		2.51	C	2.51					
1	VSTF	PL	240* 19	2615		1.26	C	1.26					
6	HSTF	PL	160* 17	1090		2.09	C	2.09					
1	HSTF	PL	160* 17	212		0.07	C	0.07					
1	RWEB	PL	3062* 17	8145		49.88	A	24.94	C	24.94			
7	HANGER	PL	90* 9	150		0.19	A	0.19					
7	HANGER	PL	90* 9	150		0.19	A	0.19					
1	VSTF	PL	240* 19	2947		1.41	C	1.41					
2	VSTF	PL	240* 19	2947		2.83	C	2.83					
1	VSTF	PL	240* 19	2947		1.41	C	1.41					
6	HSTF	PL	160* 17	1090		2.09	C	2.09					
1	HSTF	PL	160* 17	212		0.07	C	0.07					
1	LFLG	PL	1740* 26	8136		28.31	A	16.14	C	12.17			
2	LRIB	PL	200* 22	8116		6.49	C	6.49					
2	MIZUNUKI	FB	50* 6	524		0.10	C	0.10					
1	MIZUNUKI	FB	50* 6	520		0.05	C	0.05					
1	MIZUNUKI	PL	75* 22	75	70	0.01							
J30-J31							A	64.02	C	80.99			

APPROACH BRIDGE GIRDER G4 J31-J32													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
1	LWEB	PL	2730* 15	8279		45.20	A	22.60	C	22.60			
5	HANGER	PL	90* 9	150		0.14	A	0.14					

Caluculation of Steel Primer

(Unit: mm, m²)

5	HANGER	PL	90* 9	150		0.14	A	0.14						
1	VSTF	PL	240* 19	2615		1.26	C	1.26						
2	VSTF	PL	240* 19	2615		2.51	C	2.51						
1	HSTF	PL	160* 17	217		0.07	C	0.07						
2	HSTF	PL	160* 17	1098		0.70	C	0.70						
2	HSTF	PL	160* 17	1106		0.71	C	0.71						
2	HSTF	PL	160* 17	1094		0.70	C	0.70						
1	HSTF	PL	160* 17	257		0.08	C	0.08						
1	RWEB	PL	3075* 15	8335		51.26	A	25.63	C	25.63				
7	HANGER	PL	90* 9	150		0.19	A	0.19						
7	HANGER	PL	90* 9	150		0.19	A	0.19						
1	VSTF	PL	240* 19	2947		1.41	C	1.41						
2	VSTF	PL	240* 19	2947		2.83	C	2.83						
1	HSTF	PL	160* 17	217		0.07	C	0.07						
1	HSTF	PL	160* 17	1104		0.35	C	0.35						
1	HSTF	PL	160* 17	1103		0.35	C	0.35						
2	HSTF	PL	160* 17	1117		0.71	C	0.71						
2	HSTF	PL	160* 17	1104		0.71	C	0.71						
1	HSTF	PL	160* 17	263		0.08	C	0.08						
1	LFLG	PL	1766* 23	8306		29.34	A	16.72	C	12.61				
2	LRIB	PL	200* 22	8268		6.61	C	6.61						
2	MIZUNUKI	FB	50* 6	524		0.10	C	0.10						
1	MIZUNUKI	FB	50* 6	520		0.05	C	0.05						
1	MIZUNUKI	PL	75* 22	75	70	0.01								
J31-J32							A	65.61	C	80.14				

APPROACH BRIDGE GIRDER G4 J32-GE2														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	LWEB	PL	2730* 15	7365		40.21	B	20.11	C	20.11				
4	HANGER	PL	90* 9	150		0.11	B	0.11						
4	HANGER	PL	90* 9	150		0.11	B	0.11						
2	VSTF	PL	240* 19	2615		2.51	C	2.51						
1	VSTF	PL	240* 19	2615		1.26	C	1.26						
1	HSTF	PL	160* 17	187		0.06	C	0.06						
1	HSTF	PL	160* 17	1062		0.34	C	0.34						
3	HSTF	PL	160* 17	1079		1.04	C	1.04						
1	HSTF	PL	160* 17	1072		0.34	C	0.34						
1	RWEB	PL	3063* 15	7343		44.98	B	22.49	C	22.49				
6	HANGER	PL	90* 9	150		0.16	B	0.16						
6	HANGER	PL	90* 9	150		0.16	B	0.16						
1	VSTF	PL	240* 19	2948		1.42	C	1.42						
1	VSTF	PL	240* 19	2947		1.41	C	1.41						

Caluculation of Steel Primer

(Unit: mm,m²)

1	VSTF	PL	240* 19	2947		1.41	C	1.41						
1	HSTF	PL	160* 17	1054		0.34	C	0.34						
3	HSTF	PL	160* 17	1079		1.04	C	1.04						
1	HSTF	PL	160* 17	1072		0.34	C	0.34						
1	LFLG	PL	1886* 12	7359	93	25.82	B	14.71	C	11.10				
1	LRIB	PL	170* 17	7324		2.49	C	2.49						
1	LRIB	PL	170* 17	5851		1.99	C	1.99						
1	LRIB	PL	170* 17	501		0.17	C	0.17						
1	SOLE	PL	1130* 41	970	95	2.08								
2	MIZUNUKI	FB	50* 6	524		0.10	C	0.10						
1	MIZUNUKI	FB	50* 6	520		0.05	C	0.05						
1	MIZUNUKI	PL	75* 22	75	70	0.01								
2	FLG	PL	100* 13	1723		0.69	C	0.69						
2	WEB	PL	400* 13	1723		2.76	C	2.76						
J32-GE2							B	57.85	C	73.46				
G4							A	1897.42	B	124.24	C	2668.87		
GIRDER							A	7985.02	B	523.79	C	#####		
APPROACH BRIDGE							A	7985.02	B	523.79	C	#####		

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE GIRDER SPLICE G1 J1														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	SPL	PL	80* 9	320		0.05	E	0.03	M	0.05			LF-UO	
3	SPL	PL	440* 9	320		0.84	G	0.42	M	0.84			LF-UI	
1	SPL	PL	80* 9	320		0.05	E	0.03	M	0.05			LF-UO	
1	SPL	PL	1730* 9	320		1.11	E	0.55	M	1.11			LF-L	
64		TCB	M 22* 75			0.32	I	0.07	K	0.25			LFLG	
4		HTB	M 22* 80			0.03	I	0.03					LFLG	
1	FILL	PL	1730* 8	160		0.55	M	0.55						
1	SPL	PL	2882* 9	620		3.57	E	1.79	M	3.57			LWEBO	
1	SPL	PL	2882* 9	620		3.57	G	1.79	M	3.57			LWEBI	
192		TCB	M 22* 70			0.97	I	0.17	K	0.81			LWEB	
32		HTB	M 22* 75			0.21	I	0.08	K	0.13			LWEB	
1	SPL	PL	2595* 9	620		3.22	G	1.61	M	3.22			RWEBI	
1	SPL	PL	2595* 9	620		3.22	E	1.61	M	3.22			RWEBO	
200		TCB	M 22* 70			1.01	I	0.17	K	0.84			RWEB	
4	SPL	PL	100* 17	630		0.50	G	0.25	M	0.50			LRIB	
16		TCB	M 22* 90			0.08	K	0.08					LRIB	
J1							E	4.01	G	4.07	I	0.52	K	2.11
							M	16.68						

APPROACH BRIDGE GIRDER SPLICE G1 J2													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	SPL	PL	80* 13	620		0.10	E	0.05	M	0.10			LF-UO
3	SPL	PL	440* 13	620		1.64	G	0.82	M	1.64			LF-UI
1	SPL	PL	80* 13	620		0.10	E	0.05	M	0.10			LF-UO
1	SPL	PL	1730* 11	620		2.15	E	1.07	M	2.15			LF-L
116		TCB	M 22* 90			0.59	I	0.14	K	0.45			LFLG
8		HTB	M 22* 95			0.05	I	0.05					LFLG
1	FILL	PL	1730* 9	310		1.07	M	1.07					
1	SPL	PL	2882* 9	770		4.44	E	2.22	M	4.44			LWEBO
1	SPL	PL	2882* 9	770		4.44	G	2.22	M	4.44			LWEBI
240		TCB	M 22* 70			1.21	I	0.21	K	1.01			LWEB
40		HTB	M 22* 75			0.27	I	0.10	K	0.17			LWEB
1	SPL	PL	2595* 9	770		4.00	G	2.00	M	4.00			RWEBI
1	SPL	PL	2595* 9	770		4.00	E	2.00	M	4.00			RWEBO
250		TCB	M 22* 70			1.27	I	0.22	K	1.05			RWEB
4	SPL	PL	100* 17	930		0.74	G	0.37	M	0.74			LRIB
24		TCB	M 22* 95			0.12	K	0.12					LRIB
4	FILL	PL	100* 2.3	455		0.36	M	0.36					

Caluculation of Steel Primer

(Unit: mm, m²)

J2				E	5.39	G	5.41	I	0.72	K	2.80
				M	23.04						

APPROACH BRIDGE GIRDER SPLICE G1 J3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	SPL	PL	80* 19	920		0.15	E	0.07	M	0.15		LF-UO
3	SPL	PL	440* 19	920		2.43	G	1.21	M	2.43		LF-UI
1	SPL	PL	80* 19	920		0.15	E	0.07	M	0.15		LF-UO
1	SPL	PL	1730* 16	920		3.18	E	1.59	M	3.18		LF-L
180		TCB	M 22* 105			0.91	I	0.21	K	0.70		LFLG
12		HTB	M 22* 110			0.08	I	0.08				LFLG
1	FILL	PL	1730* 3.2	460		1.59	M	1.59				
1	SPL	PL	2882* 9	620		3.57	E	1.79	M	3.57		LWEBO
1	SPL	PL	2882* 9	620		3.57	G	1.79	M	3.57		LWEBI
192		TCB	M 22* 70			0.97	I	0.17	K	0.81		LWEB
32		HTB	M 22* 75			0.21	I	0.08	K	0.13		LWEB
1	SPL	PL	2595* 9	620		3.22	G	1.61	M	3.22		RWEBI
1	SPL	PL	2595* 9	620		3.22	E	1.61	M	3.22		RWEBO
200		TCB	M 22* 70			1.01	I	0.17	K	0.84		RWEB
4	SPL	PL	120* 21	1090		1.05	G	0.52	M	1.05		LRIB
32		TCB	M 22* 100			0.16	K	0.16				LRIB
J3				E	5.13	G	5.13	I	0.71	K	2.64	
				M	22.13							

APPROACH BRIDGE GIRDER SPLICE G1 J4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	SPL	PL	80* 21	920		0.15	E	0.07	M	0.15		LF-UO
3	SPL	PL	440* 21	920		2.43	G	1.21	M	2.43		LF-UI
1	SPL	PL	80* 21	920		0.15	E	0.07	M	0.15		LF-UO
1	SPL	PL	1730* 17	920		3.18	E	1.59	M	3.18		LF-L
180		TCB	M 22* 105			0.91	I	0.21	K	0.70		LFLG
12		HTB	M 22* 110			0.08	I	0.08				LFLG
1	SPL	PL	2882* 9	620		3.57	E	1.79	M	3.57		LWEBO
1	SPL	PL	2882* 9	620		3.57	G	1.79	M	3.57		LWEBI
192		TCB	M 22* 70			0.97	I	0.17	K	0.81		LWEB
32		HTB	M 22* 75			0.21	I	0.08	K	0.13		LWEB
1	SPL	PL	2595* 9	620		3.22	G	1.61	M	3.22		RWEBI
1	SPL	PL	2595* 9	620		3.22	E	1.61	M	3.22		RWEBO
200		TCB	M 22* 70			1.01	I	0.17	K	0.84		RWEB
4	SPL	PL	120* 21	1090		1.05	G	0.52	M	1.05		LRIB
32		TCB	M 22* 100			0.16	K	0.16				LRIB

Caluculation of Steel Primer

(Unit: mm, m²)

J4					E	5.13	G	5.13	I	0.71	K	2.64	
					M	20.54							

APPROACH BRIDGE GIRDER SPLICE G1 J5																		
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks					
							E	M	G	I	K							
1	SPL	PL	80* 19	920		0.15	E	0.07	M	0.15			LF-UO					
3	SPL	PL	440* 19	920		2.43	G	1.21	M	2.43			LF-UI					
1	SPL	PL	80* 19	920		0.15	E	0.07	M	0.15			LF-UO					
1	SPL	PL	1730* 15	920		3.18	E	1.59	M	3.18			LF-L					
180		TCB	M 22* 100			0.91	I	0.21	K	0.70			LFLG					
12		HTB	M 22* 105			0.08	I	0.08					LFLG					
1	FILL	PL	1730* 4.5	460		1.59	M	1.59										
1	SPL	PL	2882* 9	620		3.57	E	1.79	M	3.57			LWEBO					
1	SPL	PL	2882* 9	620		3.57	G	1.79	M	3.57			LWEBI					
192		TCB	M 22* 70			0.97	I	0.17	K	0.81			LWEB					
32		HTB	M 22* 75			0.21	I	0.08	K	0.13			LWEB					
1	SPL	PL	2595* 9	620		3.22	G	1.61	M	3.22			RWEBI					
1	SPL	PL	2595* 9	620		3.22	E	1.61	M	3.22			RWEBO					
200		TCB	M 22* 70			1.01	I	0.17	K	0.84			RWEB					
4	SPL	PL	120* 21	1090		1.05	G	0.52	M	1.05			LRIB					
32		TCB	M 22* 100			0.16	K	0.16					LRIB					
										E	5.13	G	5.13	I	0.71	K	2.64	
J5										M	22.13							

APPROACH BRIDGE GIRDER SPLICE G1 J6													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
							E	M	G	I	K		
1	SPL	PL	80* 12	620		0.10	E	0.05	M	0.10			LF-UO
3	SPL	PL	440* 12	620		1.64	G	0.82	M	1.64			LF-UI
1	SPL	PL	80* 12	620		0.10	E	0.05	M	0.10			LF-UO
1	SPL	PL	1730* 10	620		2.15	E	1.07	M	2.15			LF-L
116		TCB	M 22* 85			0.59	I	0.14	K	0.45			LFLG
8		HTB	M 22* 90			0.05	I	0.05					LFLG
1	FILL	PL	1730* 9	310		1.07	M	1.07					
1	SPL	PL	2882* 9	770		4.44	E	2.22	M	4.44			LWEBO
1	SPL	PL	2882* 9	770		4.44	G	2.22	M	4.44			LWEBI
240		TCB	M 22* 70			1.21	I	0.21	K	1.01			LWEB
40		HTB	M 22* 75			0.27	I	0.10	K	0.17			LWEB
1	SPL	PL	2595* 9	770		4.00	G	2.00	M	4.00			RWEBI
1	SPL	PL	2595* 9	770		4.00	E	2.00	M	4.00			RWEBO
250		TCB	M 22* 70			1.27	I	0.22	K	1.05			RWEB

Caluculation of Steel Primer

(Unit: mm, m²)

4	SPL	PL	100* 17	930		0.74	G	0.37	M	0.74								LRIB
24		TCB	M 22* 95			0.12	K	0.12										LRIB
4	FILL	PL	100* 2.3	455		0.36	M	0.36										
J6							E	5.39	G	5.41	I	0.72	K	2.80				
							M	23.04										

APPROACH BRIDGE GIRDER SPLICE G1 J7																		
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area											Remarks
1	SPL	PL	80* 9	320		0.05	E	0.03	M	0.05								LF-UO
6	SPL	PL	190* 9	320		0.73	G	0.36	M	0.73								LF-UI
1	SPL	PL	80* 9	320		0.05	E	0.03	M	0.05								LF-UO
1	SPL	PL	1730* 9	320		1.11	E	0.55	M	1.11								LF-L
52		TCB	M 22* 70			0.26	I	0.06	K	0.20								LFLG
4		HTB	M 22* 75			0.03	I	0.03										LFLG
1	FILL	PL	1730* 6	160		0.55	M	0.55										
1	SPL	PL	2882* 9	620		3.57	E	1.79	M	3.57								LWEBO
1	SPL	PL	2882* 9	620		3.57	G	1.79	M	3.57								LWEBI
192		TCB	M 22* 70			0.97	I	0.17	K	0.81								LWEB
32		HTB	M 22* 75			0.21	I	0.08	K	0.13								LWEB
1	SPL	PL	2595* 9	620		3.22	G	1.61	M	3.22								RWEBI
1	SPL	PL	2595* 9	620		3.22	E	1.61	M	3.22								RWEBO
200		TCB	M 22* 70			1.01	I	0.17	K	0.84								RWEB
10	SPL	PL	100* 17	630		1.26	G	0.63	M	1.26								LRIB
40		TCB	M 22* 90			0.20	K	0.20										LRIB
J7							E	4.01	G	4.39	I	0.51	K	2.18				
							M	17.33										

APPROACH BRIDGE GIRDER SPLICE G1 J8																		
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area											Remarks
1	SPL	PL	80* 9	320		0.05	E	0.03	M	0.05								LF-UO
6	SPL	PL	190* 9	320		0.73	G	0.36	M	0.73								LF-UI
1	SPL	PL	80* 9	320		0.05	E	0.03	M	0.05								LF-UO
1	SPL	PL	1730* 9	320		1.11	E	0.55	M	1.11								LF-L
52		TCB	M 22* 65			0.26	I	0.06	K	0.20								LFLG
4		HTB	M 22* 70			0.03	I	0.03										LFLG
1	SPL	PL	2882* 9	620		3.57	E	1.79	M	3.57								LWEBO
1	SPL	PL	2882* 9	620		3.57	G	1.79	M	3.57								LWEBI
192		TCB	M 22* 75			0.97	I	0.17	K	0.81								LWEB
32		HTB	M 22* 80			0.21	I	0.08	K	0.13								LWEB
1	FILL	PL	2882* 2.3	310		1.79	M	1.79										

Caluculation of Steel Primer

(Unit: mm, m²)

1	SPL	PL	2595* 9	620		3.22	G	1.61	M	3.22					RWEBI
1	SPL	PL	2595* 9	620		3.22	E	1.61	M	3.22					RWEBO
200		TCB	M 22* 75			1.01	I	0.17	K	0.84					RWEB
1	FILL	PL	2595* 2.3	310		1.61	M	1.61							
10	SPL	PL	100* 17	630		1.26	G	0.63	M	1.26					LRIB
40		TCB	M 22* 90			0.20	K	0.20							LRIB
J8							E	4.01	G	4.39	I	0.51	K	2.18	
							M	20.18							

APPROACH BRIDGE GIRDER SPLICE G1 J9															
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks		
1	SPL	PL	80* 9	470		0.08	E	0.04	M	0.08					LF-UO
6	SPL	PL	190* 9	470		1.07	G	0.54	M	1.07					LF-UI
1	SPL	PL	80* 9	470		0.08	E	0.04	M	0.08					LF-UO
1	SPL	PL	1730* 9	470		1.63	E	0.81	M	1.63					LF-L
78		TCB	M 22* 70			0.39	I	0.09	K	0.30					LFLG
6		HTB	M 22* 75			0.04	I	0.04							LFLG
1	FILL	PL	1730* 4.5	235		0.81	M	0.81							
1	SPL	PL	2882* 10	770		4.44	E	2.22	M	4.44					LWEBO
1	SPL	PL	2882* 10	770		4.44	G	2.22	M	4.44					LWEBI
240		TCB	M 22* 75			1.21	I	0.21	K	1.01					LWEB
40		HTB	M 22* 80			0.27	I	0.10	K	0.17					LWEB
1	SPL	PL	2595* 10	770		4.00	G	2.00	M	4.00					RWEBI
1	SPL	PL	2595* 10	770		4.00	E	2.00	M	4.00					RWEBO
250		TCB	M 22* 75			1.27	I	0.22	K	1.05					RWEB
10	SPL	PL	100* 15	930		1.86	G	0.93	M	1.86					LRIB
60		TCB	M 22* 90			0.30	K	0.30							LRIB
10	FILL	PL	100* 2.3	455		0.91	M	0.91							
J9							E	5.11	G	5.69	I	0.66	K	2.83	
							M	23.32							

APPROACH BRIDGE GIRDER SPLICE G1 J10															
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks		
1	SPL	PL	80* 9	470		0.08	E	0.04	M	0.08					LF-UO
6	SPL	PL	190* 9	470		1.07	G	0.54	M	1.07					LF-UI
1	SPL	PL	80* 9	470		0.08	E	0.04	M	0.08					LF-UO
1	SPL	PL	1730* 9	470		1.63	E	0.81	M	1.63					LF-L
78		TCB	M 22* 70			0.39	I	0.09	K	0.30					LFLG
6		HTB	M 22* 75			0.04	I	0.04							LFLG
1	FILL	PL	1730* 3.2	235		0.81	M	0.81							

Caluculation of Steel Primer

(Unit: mm, m²)

1	SPL	PL	2882* 10	770		4.44	E	2.22	M	4.44									LWEBO
1	SPL	PL	2882* 10	770		4.44	G	2.22	M	4.44									LWEBI
240		TCB	M 22* 75			1.21	I	0.21	K	1.01									LWEB
40		HTB	M 22* 80			0.27	I	0.10	K	0.17									LWEB
1	SPL	PL	2595* 10	770		4.00	G	2.00	M	4.00									RWEBI
1	SPL	PL	2595* 10	770		4.00	E	2.00	M	4.00									RWEBO
250		TCB	M 22* 75			1.27	I	0.22	K	1.05									RWEB
10	SPL	PL	100* 15	930		1.86	G	0.93	M	1.86									LRIB
60		TCB	M 22* 90			0.30	K	0.30											LRIB
10	FILL	PL	100* 2.3	455		0.91	M	0.91											
J10							E	5.11	G	5.69	I	0.66	K	2.83					
							M	23.32											

APPROACH BRIDGE GIRDER SPLICE G1 J11																			
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area											Remarks	
1	SPL	PL	80* 9	320		0.05	E	0.03	M	0.05									LF-UO
6	SPL	PL	190* 9	320		0.73	G	0.36	M	0.73									LF-UI
1	SPL	PL	80* 9	320		0.05	E	0.03	M	0.05									LF-UO
1	SPL	PL	1730* 9	320		1.11	E	0.55	M	1.11									LF-L
52		TCB	M 22* 70			0.26	I	0.06	K	0.20									LFLG
4		HTB	M 22* 75			0.03	I	0.03											LFLG
1	FILL	PL	1730* 2.3	160		0.55	M	0.55											
1	SPL	PL	2882* 9	620		3.57	E	1.79	M	3.57									LWEBO
1	SPL	PL	2882* 9	620		3.57	G	1.79	M	3.57									LWEBI
192		TCB	M 22* 75			0.97	I	0.17	K	0.81									LWEB
32		HTB	M 22* 80			0.21	I	0.08	K	0.13									LWEB
1	FILL	PL	2882* 2.3	310		1.79	M	1.79											
1	SPL	PL	2595* 9	620		3.22	G	1.61	M	3.22									RWEBI
1	SPL	PL	2595* 9	620		3.22	E	1.61	M	3.22									RWEBO
200		TCB	M 22* 75			1.01	I	0.17	K	0.84									RWEB
1	FILL	PL	2595* 2.3	310		1.61	M	1.61											
10	SPL	PL	100* 15	630		1.26	G	0.63	M	1.26									LRIB
40		TCB	M 22* 85			0.20	K	0.20											LRIB
J11							E	4.01	G	4.39	I	0.51	K	2.18					
							M	20.73											

APPROACH BRIDGE GIRDER SPLICE G1 J12																			
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area											Remarks	
1	SPL	PL	80* 9	320		0.05	E	0.03	M	0.05									LF-UO
6	SPL	PL	190* 9	320		0.73	G	0.36	M	0.73									LF-UI

Caluculation of Steel Primer

(Unit: mm, m²)

1	SPL	PL	80* 9	320		0.05	E	0.03	M	0.05					LF-UO
1	SPL	PL	1730* 9	320		1.11	E	0.55	M	1.11					LF-L
52		TCB	M 22* 65			0.26	I	0.06	K	0.20					LFLG
4		HTB	M 22* 70			0.03	I	0.03							LFLG
1	SPL	PL	2882* 9	620		3.57	E	1.79	M	3.57					LWEBO
1	SPL	PL	2882* 9	620		3.57	G	1.79	M	3.57					LWEBI
192		TCB	M 22* 70			0.97	I	0.17	K	0.81					LWEB
32		HTB	M 22* 75			0.21	I	0.08	K	0.13					LWEB
1	SPL	PL	2595* 9	620		3.22	G	1.61	M	3.22					RWEBI
1	SPL	PL	2595* 9	620		3.22	E	1.61	M	3.22					RWEBO
200		TCB	M 22* 70			1.01	I	0.17	K	0.84					RWEB
10	SPL	PL	100* 17	630		1.26	G	0.63	M	1.26					LRIB
40		TCB	M 22* 90			0.20	K	0.20							LRIB
J12							E	4.01	G	4.39	I	0.51	K	2.18	
							M	16.78							

APPROACH BRIDGE GIRDER SPLICE G1 J13															
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area								Remarks
1	SPL	PL	80* 9	320		0.05	E	0.03	M	0.05					LF-UO
6	SPL	PL	190* 9	320		0.73	G	0.36	M	0.73					LF-UI
1	SPL	PL	80* 9	320		0.05	E	0.03	M	0.05					LF-UO
1	SPL	PL	1730* 9	320		1.11	E	0.55	M	1.11					LF-L
52		TCB	M 22* 65			0.26	I	0.06	K	0.20					LFLG
4		HTB	M 22* 70			0.03	I	0.03							LFLG
1	SPL	PL	2882* 9	620		3.57	E	1.79	M	3.57					LWEBO
1	SPL	PL	2882* 9	620		3.57	G	1.79	M	3.57					LWEBI
192		TCB	M 22* 70			0.97	I	0.17	K	0.81					LWEB
32		HTB	M 22* 75			0.21	I	0.08	K	0.13					LWEB
1	SPL	PL	2595* 9	620		3.22	G	1.61	M	3.22					RWEBI
1	SPL	PL	2595* 9	620		3.22	E	1.61	M	3.22					RWEBO
200		TCB	M 22* 70			1.01	I	0.17	K	0.84					RWEB
10	SPL	PL	100* 17	630		1.26	G	0.63	M	1.26					LRIB
40		TCB	M 22* 90			0.20	K	0.20							LRIB
J13							E	4.01	G	4.39	I	0.51	K	2.18	
							M	16.78							

APPROACH BRIDGE GIRDER SPLICE G1 J14															
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area								Remarks
1	SPL	PL	80* 9	320		0.05	E	0.03	M	0.05					LF-UO
6	SPL	PL	190* 9	320		0.73	G	0.36	M	0.73					LF-UI

Caluculation of Steel Primer

(Unit: mm, m²)

1	SPL	PL	80* 9	320		0.05	E	0.03	M	0.05										LF-UO
1	SPL	PL	1730* 9	320		1.11	E	0.55	M	1.11										LF-L
52		TCB	M 22* 65			0.26	I	0.06	K	0.20										LFLG
4		HTB	M 22* 70			0.03	I	0.03												LFLG
1	SPL	PL	2882* 9	620		3.57	E	1.79	M	3.57										LWEBO
1	SPL	PL	2882* 9	620		3.57	G	1.79	M	3.57										LWEBI
192		TCB	M 22* 70			0.97	I	0.17	K	0.81										LWEB
32		HTB	M 22* 75			0.21	I	0.08	K	0.13										LWEB
1	SPL	PL	2595* 9	620		3.22	G	1.61	M	3.22										RWEBI
1	SPL	PL	2595* 9	620		3.22	E	1.61	M	3.22										RWEBO
200		TCB	M 22* 70			1.01	I	0.17	K	0.84										RWEB
10	SPL	PL	100* 17	630		1.26	G	0.63	M	1.26										LRIB
40		TCB	M 22* 90			0.20	K	0.20												LRIB
J14							E	4.01	G	4.39	I	0.51	K	2.18						
							M	16.78												

APPROACH BRIDGE GIRDER SPLICE G1 J15																				
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area											Remarks		
1	SPL	PL	80* 9	320		0.05	E	0.03	M	0.05										LF-UO
6	SPL	PL	190* 9	320		0.73	G	0.36	M	0.73										LF-UI
1	SPL	PL	80* 9	320		0.05	E	0.03	M	0.05										LF-UO
1	SPL	PL	1730* 9	320		1.11	E	0.55	M	1.11										LF-L
52		TCB	M 22* 65			0.26	I	0.06	K	0.20										LFLG
4		HTB	M 22* 70			0.03	I	0.03												LFLG
1	SPL	PL	2882* 9	620		3.57	E	1.79	M	3.57										LWEBO
1	SPL	PL	2882* 9	620		3.57	G	1.79	M	3.57										LWEBI
192		TCB	M 22* 70			0.97	I	0.17	K	0.81										LWEB
32		HTB	M 22* 75			0.21	I	0.08	K	0.13										LWEB
1	SPL	PL	2595* 9	620		3.22	G	1.61	M	3.22										RWEBI
1	SPL	PL	2595* 9	620		3.22	E	1.61	M	3.22										RWEBO
200		TCB	M 22* 70			1.01	I	0.17	K	0.84										RWEB
10	SPL	PL	100* 17	630		1.26	G	0.63	M	1.26										LRIB
40		TCB	M 22* 90			0.20	K	0.20												LRIB
J15							E	4.01	G	4.39	I	0.51	K	2.18						
							M	16.78												

APPROACH BRIDGE GIRDER SPLICE G1 J16																				
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area											Remarks		
1	SPL	PL	80* 9	320		0.05	E	0.03	M	0.05										LF-UO
6	SPL	PL	190* 9	320		0.73	G	0.36	M	0.73										LF-UI

Caluculation of Steel Primer

(Unit: mm, m²)

1	SPL	PL	80* 9	320		0.05	E	0.03	M	0.05										LF-UO
1	SPL	PL	1730* 9	320		1.11	E	0.55	M	1.11										LF-L
52		TCB	M 22* 70			0.26	I	0.06	K	0.20										LFLG
4		HTB	M 22* 75			0.03	I	0.03												LFLG
1	FILL	PL	1730* 2.3	160		0.55	M	0.55												
1	SPL	PL	2882* 9	620		3.57	E	1.79	M	3.57										LWEBO
1	SPL	PL	2882* 9	620		3.57	G	1.79	M	3.57										LWEBI
192		TCB	M 22* 70			0.97	I	0.17	K	0.81										LWEB
32		HTB	M 22* 75			0.21	I	0.08	K	0.13										LWEB
1	SPL	PL	2595* 9	620		3.22	G	1.61	M	3.22										RWEBI
1	SPL	PL	2595* 9	620		3.22	E	1.61	M	3.22										RWEBO
200		TCB	M 22* 70			1.01	I	0.17	K	0.84										RWEB
10	SPL	PL	100* 17	630		1.26	G	0.63	M	1.26										LRIB
40		TCB	M 22* 90			0.20	K	0.20												LRIB
							J16	E	4.01	G	4.39	I	0.51	K	2.18					
								M	17.33											

APPROACH BRIDGE GIRDER SPLICE G1 J17																				
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area											Remarks		
1	SPL	PL	80* 9	470		0.08	E	0.04	M	0.08										LF-UO
6	SPL	PL	190* 9	470		1.07	G	0.54	M	1.07										LF-UI
1	SPL	PL	80* 9	470		0.08	E	0.04	M	0.08										LF-UO
1	SPL	PL	1730* 9	470		1.63	E	0.81	M	1.63										LF-L
78		TCB	M 22* 75			0.39	I	0.09	K	0.30										LFLG
6		HTB	M 22* 80			0.04	I	0.04												LFLG
1	FILL	PL	1730* 9	235		0.81	M	0.81												
1	SPL	PL	2882* 9	620		3.57	E	1.79	M	3.57										LWEBO
1	SPL	PL	2882* 9	620		3.57	G	1.79	M	3.57										LWEBI
192		TCB	M 22* 70			0.97	I	0.17	K	0.81										LWEB
32		HTB	M 22* 75			0.21	I	0.08	K	0.13										LWEB
1	SPL	PL	2595* 9	620		3.22	G	1.61	M	3.22										RWEBI
1	SPL	PL	2595* 9	620		3.22	E	1.61	M	3.22										RWEBO
200		TCB	M 22* 70			1.01	I	0.17	K	0.84										RWEB
10	SPL	PL	100* 15	780		1.56	G	0.78	M	1.56										LRIB
50		TCB	M 22* 90			0.25	K	0.25												LRIB
10	FILL	PL	100* 2.3	380		0.76	M	0.76												
							J17	E	4.29	G	4.72	I	0.55	K	2.33					
								M	19.57											

APPROACH BRIDGE GIRDER SPLICE G1 J18																				

Caluculation of Steel Primer

(Unit: mm, m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
1	SPL	PL	80* 15	770		0.12	E	0.06	M	0.12			LF-UO	
6	SPL	PL	190* 15	770		1.76	G	0.88	M	1.76			LF-UI	
1	SPL	PL	80* 15	770		0.12	E	0.06	M	0.12			LF-UO	
1	SPL	PL	1730* 11	770		2.66	E	1.33	M	2.66			LF-L	
130		TCB	M 22* 105			0.66	I	0.15	K	0.51			LFLG	
10		HTB	M 22* 110			0.07	I	0.07					LFLG	
1	FILL	PL	1730* 20	385		1.33	M	1.33						
1	SPL	PL	2882* 9	770		4.44	E	2.22	M	4.44			LWEBO	
1	SPL	PL	2882* 9	770		4.44	G	2.22	M	4.44			LWEBI	
240		TCB	M 22* 75			1.21	I	0.21	K	1.01			LWEB	
40		HTB	M 22* 80			0.27	I	0.10	K	0.17			LWEB	
1	FILL	PL	2882* 2.3	385		2.22	M	2.22						
1	SPL	PL	2595* 9	770		4.00	G	2.00	M	4.00			RWEBI	
1	SPL	PL	2595* 9	770		4.00	E	2.00	M	4.00			RWEBO	
250		TCB	M 22* 75			1.27	I	0.22	K	1.05			RWEB	
1	FILL	PL	2595* 2.3	385		2.00	M	2.00						
10	SPL	PL	120* 19	1060		2.54	G	1.27	M	2.54			LRIB	
90		TCB	M 22* 95			0.46	K	0.46					LRIB	
J18							E	5.67	G	6.37	I	0.75	K	3.20
							M	29.63						

APPROACH BRIDGE GIRDER SPLICE G1 J19														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
1	SPL	PL	80* 28	1490		0.24	E	0.12	M	0.24			LF-UO	
6	SPL	PL	190* 28	1490		3.40	G	1.70	M	3.40			LF-UI	
1	SPL	PL	80* 28	1490		0.24	E	0.12	M	0.24			LF-UO	
1	SPL	PL	1730* 21	1490		5.16	E	2.58	M	5.16			LF-L	
286		TCB	M 22* 140			1.45	I	0.33	K	1.11			LFLG	
22		HTB	M 22* 145			0.15	I	0.15					LFLG	
1	FILL	PL	1730* 11	745		2.58	M	2.58						
1	SPL	PL	2882* 11	770		4.44	E	2.22	M	4.44			LWEBO	
1	SPL	PL	2882* 11	770		4.44	G	2.22	M	4.44			LWEBI	
240		TCB	M 22* 75			1.21	I	0.21	K	1.01			LWEB	
40		HTB	M 22* 80			0.27	I	0.10	K	0.17			LWEB	
1	SPL	PL	2595* 11	770		4.00	G	2.00	M	4.00			RWEBI	
1	SPL	PL	2595* 11	770		4.00	E	2.00	M	4.00			RWEBO	
250		TCB	M 22* 75			1.27	I	0.22	K	1.05			RWEB	
10	SPL	PL	120* 19	1060		2.54	G	1.27	M	2.54			LRIB	
90		TCB	M 22* 95			0.46	K	0.46					LRIB	
J19							E	7.04	G	7.19	I	1.01	K	3.80

Caluculation of Steel Primer

(Unit: mm, m²)

	M	31.04							
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APPROACH BRIDGE GIRDER SPLICE G1 J20														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
1	SPL	PL	80* 26	1358		0.22	E	0.11	M	0.22		LF-UO		
6	SPL	PL	190* 26	1358		3.10	G	1.55	M	3.10		LF-UI		
1	SPL	PL	80* 26	1358		0.22	E	0.11	M	0.22		LF-UO		
1	SPL	PL	1730* 20	1358		4.70	E	2.35	M	4.70		LF-L		
260		TCB	M 22* 135			1.32	I	0.30	K	1.01		LFLG		
20		HTB	M 22* 140			0.13	I	0.13				LFLG		
1	FILL	PL	1730* 14	679		2.35	M	2.35						
1	SPL	PL	2882* 11	770		4.44	E	2.22	M	4.44		LWEBO		
1	SPL	PL	2882* 11	770		4.44	G	2.22	M	4.44		LWEBI		
240		TCB	M 22* 75			1.21	I	0.21	K	1.01		LWEB		
40		HTB	M 22* 80			0.27	I	0.10	K	0.17		LWEB		
1	SPL	PL	2595* 11	770		4.00	G	2.00	M	4.00		RWEBI		
1	SPL	PL	2595* 11	770		4.00	E	2.00	M	4.00		RWEBO		
250		TCB	M 22* 75			1.27	I	0.22	K	1.05		RWEB		
10	SPL	PL	120* 19	1060		2.54	G	1.27	M	2.54		LRIB		
90		TCB	M 22* 95			0.46	K	0.46				LRIB		
J20							E	6.79	G	7.04	I	0.96	K	3.70
							M	30.01						

APPROACH BRIDGE GIRDER SPLICE G1 J21												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	SPL	PL	80* 13	620		0.10	E	0.05	M	0.10		LF-UO
6	SPL	PL	190* 13	620		1.41	G	0.71	M	1.41		LF-UI
1	SPL	PL	80* 13	620		0.10	E	0.05	M	0.10		LF-UO
1	SPL	PL	1730* 10	620		2.15	E	1.07	M	2.15		LF-L
104		TCB	M 22* 100			0.53	I	0.12	K	0.41		LFLG
8		HTB	M 22* 105			0.05	I	0.05				LFLG
1	FILL	PL	1730* 19	310		1.07	M	1.07				
1	SPL	PL	2882* 9	620		3.57	E	1.79	M	3.57		LWEBO
1	SPL	PL	2882* 9	620		3.57	G	1.79	M	3.57		LWEBI
192		TCB	M 22* 75			0.97	I	0.17	K	0.81		LWEB
32		HTB	M 22* 80			0.21	I	0.08	K	0.13		LWEB
1	FILL	PL	2882* 2.3	310		1.79	M	1.79				
1	SPL	PL	2595* 9	620		3.22	G	1.61	M	3.22		RWEBI
1	SPL	PL	2595* 9	620		3.22	E	1.61	M	3.22		RWEBO
200		TCB	M 22* 75			1.01	I	0.17	K	0.84		RWEB
1	FILL	PL	2595* 2.3	310		1.61	M	1.61				

Caluculation of Steel Primer

(Unit: mm,m²)

10	SPL	PL	120* 19	960		2.30	G	1.15	M	2.30							LRIB
70		TCB	M 22* 95			0.35	K	0.35									LRIB
							J21		E	4.57	G	5.26	I	0.59	K	2.54	
									M	24.11							

APPROACH BRIDGE GIRDER SPLICE G1 J22																	
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area										Remarks
1	SPL	PL	80* 11	470		0.08	E	0.04	M	0.08							LF-UO
6	SPL	PL	190* 11	470		1.07	G	0.54	M	1.07							LF-UI
1	SPL	PL	80* 11	470		0.08	E	0.04	M	0.08							LF-UO
1	SPL	PL	1730* 9	470		1.63	E	0.81	M	1.63							LF-L
78		TCB	M 22* 75			0.39	I	0.09	K	0.30							LFLG
6		HTB	M 22* 80			0.04	I	0.04									LFLG
1	FILL	PL	1730* 4.5	235		0.81	M	0.81									
1	SPL	PL	2882* 9	620		3.57	E	1.79	M	3.57							LWEBO
1	SPL	PL	2882* 9	620		3.57	G	1.79	M	3.57							LWEBI
192		TCB	M 22* 70			0.97	I	0.17	K	0.81							LWEB
32		HTB	M 22* 75			0.21	I	0.08	K	0.13							LWEB
1	SPL	PL	2595* 9	620		3.22	G	1.61	M	3.22							RWEBI
1	SPL	PL	2595* 9	620		3.22	E	1.61	M	3.22							RWEBO
200		TCB	M 22* 70			1.01	I	0.17	K	0.84							RWEB
10	SPL	PL	100* 17	780		1.56	G	0.78	M	1.56							LRIB
50		TCB	M 22* 95			0.25	K	0.25									LRIB
10	FILL	PL	100* 2.3	380		0.76	M	0.76									
							J22		E	4.29	G	4.72	I	0.55	K	2.33	
									M	19.57							

APPROACH BRIDGE GIRDER SPLICE G1 J23																	
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area										Remarks
1	SPL	PL	80* 10	470		0.08	E	0.04	M	0.08							LF-UO
3	SPL	PL	440* 10	470		1.24	G	0.62	M	1.24							LF-UI
1	SPL	PL	80* 10	470		0.08	E	0.04	M	0.08							LF-UO
1	SPL	PL	1730* 9	470		1.63	E	0.81	M	1.63							LF-L
96		TCB	M 22* 85			0.49	I	0.11	K	0.37							LFLG
6		HTB	M 22* 90			0.04	I	0.04									LFLG
1	FILL	PL	1730* 14	235		0.81	M	0.81									
1	SPL	PL	2882* 9	620		3.57	E	1.79	M	3.57							LWEBO
1	SPL	PL	2882* 9	620		3.57	G	1.79	M	3.57							LWEBI
192		TCB	M 22* 70			0.97	I	0.17	K	0.81							LWEB
32		HTB	M 22* 75			0.21	I	0.08	K	0.13							LWEB

Caluculation of Steel Primer

(Unit: mm, m²)

1	SPL	PL	2595* 9	620		3.22	G	1.61	M	3.22					RWEBI
1	SPL	PL	2595* 9	620		3.22	E	1.61	M	3.22					RWEBO
200		TCB	M 22* 70			1.01	I	0.17	K	0.84					RWEB
4	SPL	PL	100* 17	780		0.62	G	0.31	M	0.62					LRIB
20		TCB	M 22* 95			0.10	K	0.10							LRIB
4	FILL	PL	100* 2.3	380		0.30	M	0.30							
J23							E	4.29	G	4.33	I	0.57	K	2.25	
							M	18.34							

APPROACH BRIDGE GIRDER SPLICE G1 J24															
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks		
1	SPL	PL	80* 21	920		0.15	E	0.07	M	0.15					LF-UO
3	SPL	PL	440* 21	920		2.43	G	1.21	M	2.43					LF-UI
1	SPL	PL	80* 21	920		0.15	E	0.07	M	0.15					LF-UO
1	SPL	PL	1730* 17	920		3.18	E	1.59	M	3.18					LF-L
180		TCB	M 22* 110			0.91	I	0.21	K	0.70					LFLG
12		HTB	M 22* 115			0.08	I	0.08							LFLG
1	FILL	PL	1730* 3.2	460		1.59	M	1.59							
1	SPL	PL	2882* 9	770		4.44	E	2.22	M	4.44					LWEBO
1	SPL	PL	2882* 9	770		4.44	G	2.22	M	4.44					LWEBI
240		TCB	M 22* 75			1.21	I	0.21	K	1.01					LWEB
40		HTB	M 22* 80			0.27	I	0.10	K	0.17					LWEB
1	FILL	PL	2882* 2.3	385		2.22	M	2.22							
1	SPL	PL	2595* 9	770		4.00	G	2.00	M	4.00					RWEBI
1	SPL	PL	2595* 9	770		4.00	E	2.00	M	4.00					RWEBO
250		TCB	M 22* 75			1.27	I	0.22	K	1.05					RWEB
1	FILL	PL	2595* 2.3	385		2.00	M	2.00							
4	SPL	PL	120* 21	1090		1.05	G	0.52	M	1.05					LRIB
32		TCB	M 22* 100			0.16	K	0.16							LRIB
J24							E	5.95	G	5.95	I	0.82	K	3.09	
							M	29.65							

APPROACH BRIDGE GIRDER SPLICE G1 J25															
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks		
1	SPL	PL	80* 22	1094		0.18	E	0.09	M	0.18					LF-UO
3	SPL	PL	440* 22	1094		2.89	G	1.44	M	2.89					LF-UI
1	SPL	PL	80* 22	1094		0.18	E	0.09	M	0.18					LF-UO
1	SPL	PL	1730* 18	1094		3.79	E	1.89	M	3.79					LF-L
244		TCB	M 22* 120			1.23	I	0.28	K	0.95					LFLG
16		HTB	M 22* 125			0.11	I	0.11							LFLG

Caluculation of Steel Primer

(Unit: mm, m²)

1	FILL	PL	1730* 9	547		1.89	M	1.89						
1	SPL	PL	2882* 10	920		5.30	E	2.65	M	5.30			LWEBO	
1	SPL	PL	2882* 10	920		5.30	G	2.65	M	5.30			LWEBI	
288		TCB	M 22* 75			1.46	I	0.25	K	1.21			LWEB	
48		HTB	M 22* 80			0.32	I	0.12	K	0.20			LWEB	
1	SPL	PL	2595* 10	920		4.77	G	2.39	M	4.77			RWEBI	
1	SPL	PL	2595* 10	920		4.77	E	2.39	M	4.77			RWEBO	
300		TCB	M 22* 75			1.52	I	0.26	K	1.26			RWEB	
4	SPL	PL	120* 22	1170		1.12	G	0.56	M	1.12			LRIB	
40		TCB	M 22* 105			0.20	K	0.20					LRIB	
J25							E	7.11	G	7.04	I	1.02	K	3.82
							M	30.19						

APPROACH BRIDGE GIRDER SPLICE G1 J26														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	SPL	PL	80* 28	1358		0.22	E	0.11	M	0.22				LF-UO
3	SPL	PL	440* 28	1358		3.59	G	1.79	M	3.59				LF-UI
1	SPL	PL	80* 28	1358		0.22	E	0.11	M	0.22				LF-UO
1	SPL	PL	1730* 23	1358		4.70	E	2.35	M	4.70				LF-L
308		TCB	M 22* 135			1.56	I	0.36	K	1.20				LFLG
20		HTB	M 22* 140			0.13	I	0.13						LFLG
1	FILL	PL	1730* 3.2	679		2.35	M	2.35						
1	SPL	PL	2883* 11	920		5.30	E	2.65	M	5.30				LWEBO
1	SPL	PL	2883* 11	920		5.30	G	2.65	M	5.30				LWEBI
288		TCB	M 22* 75			1.46	I	0.25	K	1.21				LWEB
48		HTB	M 22* 80			0.32	I	0.12	K	0.20				LWEB
1	SPL	PL	2595* 11	920		4.77	G	2.39	M	4.77				RWEBI
1	SPL	PL	2595* 11	920		4.77	E	2.39	M	4.77				RWEBO
300		TCB	M 22* 75			1.52	I	0.26	K	1.26				RWEB
4	SPL	PL	120* 22	1170		1.12	G	0.56	M	1.12				LRIB
40		TCB	M 22* 105			0.20	K	0.20						LRIB
J26							E	7.61	G	7.39	I	1.12	K	4.07
							M	32.34						

APPROACH BRIDGE GIRDER SPLICE G1 J27														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	SPL	PL	80* 30	1490		0.24	E	0.12	M	0.24				LF-UO
3	SPL	PL	440* 30	1490		3.93	G	1.97	M	3.93				LF-UI
1	SPL	PL	80* 30	1490		0.24	E	0.12	M	0.24				LF-UO
1	SPL	PL	1730* 24	1490		5.16	E	2.58	M	5.16				LF-L

Caluculation of Steel Primer

(Unit: mm, m²)

340		TCB	M 22* 135			1.72	I	0.40	K	1.32						LFLG
22		HTB	M 22* 140			0.15	I	0.15								LFLG
1	SPL	PL	2882* 11	920		5.30	E	2.65	M	5.30						LWEBO
1	SPL	PL	2882* 11	920		5.30	G	2.65	M	5.30						LWEBI
288		TCB	M 22* 75			1.46	I	0.25	K	1.21						LWEB
48		HTB	M 22* 80			0.32	I	0.12	K	0.20						LWEB
1	SPL	PL	2595* 11	920		4.77	G	2.39	M	4.77						RWEBI
1	SPL	PL	2595* 11	920		4.77	E	2.39	M	4.77						RWEBO
300		TCB	M 22* 75			1.52	I	0.26	K	1.26						RWEB
4	SPL	PL	120* 22	1170		1.12	G	0.56	M	1.12						LRIB
40		TCB	M 22* 105			0.20	K	0.20								LRIB
J27							E	7.86	G	7.57	I	1.18	K	4.19		
							M	30.83								

APPROACH BRIDGE GIRDER SPLICE G1 J28																
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks			
1	SPL	PL	80* 30	1358		0.22	E	0.11	M	0.22						LF-UO
3	SPL	PL	440* 30	1358		3.59	G	1.79	M	3.59						LF-UI
1	SPL	PL	80* 30	1358		0.22	E	0.11	M	0.22						LF-UO
1	SPL	PL	1730* 24	1358		4.70	E	2.35	M	4.70						LF-L
308		TCB	M 22* 135			1.56	I	0.36	K	1.20						LFLG
20		HTB	M 22* 140			0.13	I	0.13								LFLG
1	SPL	PL	2882* 11	920		5.30	E	2.65	M	5.30						LWEBO
1	SPL	PL	2882* 11	920		5.30	G	2.65	M	5.30						LWEBI
288		TCB	M 22* 75			1.46	I	0.25	K	1.21						LWEB
48		HTB	M 22* 80			0.32	I	0.12	K	0.20						LWEB
1	SPL	PL	2595* 11	920		4.77	G	2.39	M	4.77						RWEBI
1	SPL	PL	2595* 11	920		4.77	E	2.39	M	4.77						RWEBO
300		TCB	M 22* 75			1.52	I	0.26	K	1.26						RWEB
4	SPL	PL	120* 22	1170		1.12	G	0.56	M	1.12						LRIB
40		TCB	M 22* 105			0.20	K	0.20								LRIB
J28							E	7.61	G	7.39	I	1.12	K	4.07		
							M	29.99								

APPROACH BRIDGE GIRDER SPLICE G1 J29																
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks			
1	SPL	PL	80* 26	1226		0.20	E	0.10	M	0.20						LF-UO
3	SPL	PL	440* 26	1226		3.24	G	1.62	M	3.24						LF-UI
1	SPL	PL	80* 26	1226		0.20	E	0.10	M	0.20						LF-UO
1	SPL	PL	1730* 21	1226		4.24	E	2.12	M	4.24						LF-L

Caluculation of Steel Primer

(Unit: mm, m²)

276		TCB	M 22* 130			1.40	I	0.32	K	1.08							LFLG
18		HTB	M 22* 135			0.12	I	0.12									LFLG
1	FILL	PL	1730* 6	613		2.12	M	2.12									
1	SPL	PL	2882* 10	920		5.30	E	2.65	M	5.30							LWEBO
1	SPL	PL	2882* 10	920		5.30	G	2.65	M	5.30							LWEBI
288		TCB	M 22* 75			1.46	I	0.25	K	1.21							LWEB
48		HTB	M 22* 80			0.32	I	0.12	K	0.20							LWEB
1	SPL	PL	2595* 10	920		4.77	G	2.39	M	4.77							RWEBI
1	SPL	PL	2595* 10	920		4.77	E	2.39	M	4.77							RWEBO
300		TCB	M 22* 75			1.52	I	0.26	K	1.26							RWEB
4	SPL	PL	120* 22	1170		1.12	G	0.56	M	1.12							LRIB
40		TCB	M 22* 105			0.20	K	0.20									LRIB
							J29	E	7.36	G	7.22	I	1.07	K	3.95		
								M	31.26								

APPROACH BRIDGE GIRDER SPLICE G1 J30																	
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area										Remarks
1	SPL	PL	80* 19	962		0.15	E	0.08	M	0.15							LF-UO
3	SPL	PL	440* 19	962		2.54	G	1.27	M	2.54							LF-UI
1	SPL	PL	80* 19	962		0.15	E	0.08	M	0.15							LF-UO
1	SPL	PL	1730* 16	962		3.33	E	1.66	M	3.33							LF-L
212		TCB	M 22* 110			1.07	I	0.25	K	0.83							LFLG
14		HTB	M 22* 115			0.09	I	0.09									LFLG
1	FILL	PL	1730* 11	481		1.66	M	1.66									
1	SPL	PL	2882* 10	920		5.30	E	2.65	M	5.30							LWEBO
1	SPL	PL	2882* 10	920		5.30	G	2.65	M	5.30							LWEBI
288		TCB	M 22* 75			1.46	I	0.25	K	1.21							LWEB
48		HTB	M 22* 80			0.32	I	0.12	K	0.20							LWEB
1	SPL	PL	2595* 10	920		4.77	G	2.39	M	4.77							RWEBI
1	SPL	PL	2595* 10	920		4.77	E	2.39	M	4.77							RWEBO
300		TCB	M 22* 75			1.52	I	0.26	K	1.26							RWEB
4	SPL	PL	120* 22	1170		1.12	G	0.56	M	1.12							LRIB
40		TCB	M 22* 105			0.20	K	0.20									LRIB
							J30	E	6.86	G	6.87	I	0.97	K	3.70		
								M	29.09								

APPROACH BRIDGE GIRDER SPLICE G1 J31																	
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area										Remarks
1	SPL	PL	80* 17	770		0.12	E	0.06	M	0.12							LF-UO
3	SPL	PL	440* 17	770		2.03	G	1.02	M	2.03							LF-UI

Caluculation of Steel Primer

(Unit: mm, m²)

1	SPL	PL	80* 17	770		0.12	E	0.06	M	0.12								LF-UO
1	SPL	PL	1730* 14	770		2.66	E	1.33	M	2.66								LF-L
148		TCB	M 22* 95			0.75	I	0.17	K	0.58								LFLG
10		HTB	M 22* 100			0.07	I	0.07										LFLG
1	FILL	PL	1730* 3.2	385		1.33	M	1.33										
1	SPL	PL	2882* 9	620		3.57	E	1.79	M	3.57								LWEBO
1	SPL	PL	2882* 9	620		3.57	G	1.79	M	3.57								LWEBI
192		TCB	M 22* 75			0.97	I	0.17	K	0.81								LWEB
32		HTB	M 22* 80			0.21	I	0.08	K	0.13								LWEB
1	FILL	PL	2882* 2.3	310		1.79	M	1.79										
1	SPL	PL	2595* 9	620		3.22	G	1.61	M	3.22								RWEBI
1	SPL	PL	2595* 9	620		3.22	E	1.61	M	3.22								RWEBO
200		TCB	M 22* 75			1.01	I	0.17	K	0.84								RWEB
1	FILL	PL	2595* 2.3	310		1.61	M	1.61										
4	SPL	PL	120* 21	1090		1.05	G	0.52	M	1.05								LRIB
32		TCB	M 22* 100			0.16	K	0.16										LRIB
							J31	E	4.85	G	4.94	I	0.66	K	2.52			
								M	24.29									

APPROACH BRIDGE GIRDER SPLICE G1 J32																		
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area											Remarks
1	SPL	PL	80* 9	320		0.05	E	0.03	M	0.05								LF-UO
3	SPL	PL	440* 9	320		0.84	G	0.42	M	0.84								LF-UI
1	SPL	PL	80* 9	320		0.05	E	0.03	M	0.05								LF-UO
1	SPL	PL	1730* 9	320		1.11	E	0.55	M	1.11								LF-L
64		TCB	M 22* 80			0.32	I	0.07	K	0.25								LFLG
4		HTB	M 22* 85			0.03	I	0.03										LFLG
1	FILL	PL	1730* 12	160		0.55	M	0.55										
1	SPL	PL	2882* 9	620		3.57	E	1.79	M	3.57								LWEBO
1	SPL	PL	2882* 9	620		3.57	G	1.79	M	3.57								LWEBI
192		TCB	M 22* 70			0.97	I	0.17	K	0.81								LWEB
32		HTB	M 22* 75			0.21	I	0.08	K	0.13								LWEB
1	SPL	PL	2595* 9	620		3.22	G	1.61	M	3.22								RWEBI
1	SPL	PL	2595* 9	620		3.22	E	1.61	M	3.22								RWEBO
200		TCB	M 22* 70			1.01	I	0.17	K	0.84								RWEB
4	SPL	PL	100* 17	780		0.62	G	0.31	M	0.62								LRIB
20		TCB	M 22* 95			0.10	K	0.10										LRIB
4	FILL	PL	100* 2.3	380		0.30	M	0.30										
							J32	E	4.01	G	4.13	I	0.52	K	2.13			
								M	17.10									

Caluculation of Steel Primer

(Unit: mm,m²)

G1	E	168.64	G	174.91	I	22.95	K	90.42	
	M	743.90							

Caluculation of Steel Primer

(Unit: mm, m²)

APPROACH BRIDGE GIRDER SPLICE G2 J1														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	SPL	PL	80* 9	320		0.05	E	0.03	M	0.05			LF-UO	
4	SPL	PL	614* 9	320		1.57	G	0.79	M	1.57			LF-UI	
1	SPL	PL	80* 9	320		0.05	E	0.03	M	0.05			LF-UO	
1	SPL	PL	2930* 9	320		1.88	E	0.94	M	1.88			LF-L	
120		TCB	M 22* 65			0.61	I	0.14	K	0.47			LFLG	
1	SPL	PL	2543* 9	470		2.39	E	1.20	M	2.39			LWEBO	
1	SPL	PL	2543* 9	470		2.39	G	1.20	M	2.39			LWEBI	
150		TCB	M 22* 70			0.76	I	0.13	K	0.63			LWEB	
1	SPL	PL	2597* 9	470		2.44	G	1.22	M	2.44			RWEBI	
1	SPL	PL	2597* 9	470		2.44	E	1.22	M	2.44			RWEBO	
150		TCB	M 22* 70			0.76	I	0.13	K	0.63			RWEB	
6	SPL	PL	100* 17	630		0.76	G	0.38	M	0.76			LRIB	
24		TCB	M 22* 90			0.12	K	0.12					LRIB	
J1							E	3.42	G	3.59	I	0.40	K	1.85
							M	13.97						

APPROACH BRIDGE GIRDER SPLICE G2 J2														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	SPL	PL	80* 9	470		0.08	E	0.04	M	0.08			LF-UO	
4	SPL	PL	614* 9	470		2.31	G	1.15	M	2.31			LF-UI	
1	SPL	PL	80* 9	470		0.08	E	0.04	M	0.08			LF-UO	
1	SPL	PL	2930* 9	470		2.75	E	1.38	M	2.75			LF-L	
156		TCB	M 22* 70			0.79	I	0.18	K	0.61			LFLG	
1	FILL	PL	2930* 6	235		1.38	M	1.38						
1	SPL	PL	2543* 9	620		3.15	E	1.58	M	3.15			LWEBO	
1	SPL	PL	2543* 9	620		3.15	G	1.58	M	3.15			LWEBI	
200		TCB	M 22* 70			1.01	I	0.17	K	0.84			LWEB	
1	SPL	PL	2597* 9	620		3.22	G	1.61	M	3.22			RWEBI	
1	SPL	PL	2597* 9	620		3.22	E	1.61	M	3.22			RWEBO	
200		TCB	M 22* 70			1.01	I	0.17	K	0.84			RWEB	
6	SPL	PL	100* 17	780		0.94	G	0.47	M	0.94			LRIB	
30		TCB	M 22* 90			0.15	K	0.15					LRIB	
J2							E	4.65	G	4.81	I	0.52	K	2.44
							M	20.28						

APPROACH BRIDGE GIRDER SPLICE G2 J3													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks

Calculation of Steel Primer

(Unit: mm, m²)

1	SPL	PL	80* 11	620		0.10	E	0.05	M	0.10					LF-UO
4	SPL	PL	614* 11	620		3.05	G	1.52	M	3.05					LF-UI
1	SPL	PL	80* 11	620		0.10	E	0.05	M	0.10					LF-UO
1	SPL	PL	2930* 10	620		3.63	E	1.82	M	3.63					LF-L
216		TCB	M 22* 75			1.09	I	0.25	K	0.84					LFLG
1	SPL	PL	2543* 9	620		3.15	E	1.58	M	3.15					LWEBO
1	SPL	PL	2543* 9	620		3.15	G	1.58	M	3.15					LWEBI
200		TCB	M 22* 70			1.01	I	0.17	K	0.84					LWEB
1	SPL	PL	2597* 9	620		3.22	G	1.61	M	3.22					RWEBI
1	SPL	PL	2597* 9	620		3.22	E	1.61	M	3.22					RWEBO
200		TCB	M 22* 70			1.01	I	0.17	K	0.84					RWEB
6	SPL	PL	100* 17	780		0.94	G	0.47	M	0.94					LRIB
30		TCB	M 22* 90			0.15	K	0.15							LRIB
J3							E	5.11	G	5.18	I	0.59	K	2.67	
							M	20.56							

APPROACH BRIDGE GIRDER SPLICE G2 J4															
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area								Remarks
1	SPL	PL	80* 11	620		0.10	E	0.05	M	0.10					LF-UO
4	SPL	PL	614* 11	620		3.05	G	1.52	M	3.05					LF-UI
1	SPL	PL	80* 11	620		0.10	E	0.05	M	0.10					LF-UO
1	SPL	PL	2930* 10	620		3.63	E	1.82	M	3.63					LF-L
216		TCB	M 22* 75			1.09	I	0.25	K	0.84					LFLG
1	SPL	PL	2543* 9	620		3.15	E	1.58	M	3.15					LWEBO
1	SPL	PL	2543* 9	620		3.15	G	1.58	M	3.15					LWEBI
200		TCB	M 22* 70			1.01	I	0.17	K	0.84					LWEB
1	SPL	PL	2597* 9	620		3.22	G	1.61	M	3.22					RWEBI
1	SPL	PL	2597* 9	620		3.22	E	1.61	M	3.22					RWEBO
200		TCB	M 22* 70			1.01	I	0.17	K	0.84					RWEB
6	SPL	PL	100* 17	930		1.12	G	0.56	M	1.12					LRIB
36		TCB	M 22* 90			0.18	K	0.18							LRIB
J4							E	5.11	G	5.27	I	0.59	K	2.70	
							M	20.74							

APPROACH BRIDGE GIRDER SPLICE G2 J5															
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area								Remarks
1	SPL	PL	80* 11	620		0.10	E	0.05	M	0.10					LF-UO
4	SPL	PL	614* 11	620		3.05	G	1.52	M	3.05					LF-UI
1	SPL	PL	80* 11	620		0.10	E	0.05	M	0.10					LF-UO
1	SPL	PL	2930* 10	620		3.63	E	1.82	M	3.63					LF-L

Caluculation of Steel Primer

(Unit: mm, m²)

216		TCB	M 22* 75			1.09	I	0.25	K	0.84							LFLG
1	SPL	PL	2543* 9	620		3.15	E	1.58	M	3.15							LWEBO
1	SPL	PL	2543* 9	620		3.15	G	1.58	M	3.15							LWEBI
200		TCB	M 22* 70			1.01	I	0.17	K	0.84							LWEB
1	SPL	PL	2597* 9	620		3.22	G	1.61	M	3.22							RWEBI
1	SPL	PL	2597* 9	620		3.22	E	1.61	M	3.22							RWEBO
200		TCB	M 22* 70			1.01	I	0.17	K	0.84							RWEB
6	SPL	PL	100* 17	780		0.94	G	0.47	M	0.94							LRIB
30		TCB	M 22* 90			0.15	K	0.15									LRIB
							J5	E	5.11	G	5.18	I	0.59	K	2.67		
								M	20.56								

APPROACH BRIDGE GIRDER SPLICE G2 J6																	
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area										Remarks
1	SPL	PL	80* 9	470		0.08	E	0.04	M	0.08							LF-UO
4	SPL	PL	614* 9	470		2.31	G	1.15	M	2.31							LF-UI
1	SPL	PL	80* 9	470		0.08	E	0.04	M	0.08							LF-UO
1	SPL	PL	2930* 9	470		2.75	E	1.38	M	2.75							LF-L
156		TCB	M 22* 70			0.79	I	0.18	K	0.61							LFLG
1	FILL	PL	2930* 6	235		1.38	M	1.38									
1	SPL	PL	2543* 9	620		3.15	E	1.58	M	3.15							LWEBO
1	SPL	PL	2543* 9	620		3.15	G	1.58	M	3.15							LWEBI
200		TCB	M 22* 70			1.01	I	0.17	K	0.84							LWEB
1	SPL	PL	2597* 9	620		3.22	G	1.61	M	3.22							RWEBI
1	SPL	PL	2597* 9	620		3.22	E	1.61	M	3.22							RWEBO
200		TCB	M 22* 70			1.01	I	0.17	K	0.84							RWEB
6	SPL	PL	100* 17	780		0.94	G	0.47	M	0.94							LRIB
30		TCB	M 22* 90			0.15	K	0.15									LRIB
							J6	E	4.65	G	4.81	I	0.52	K	2.44		
								M	20.28								

APPROACH BRIDGE GIRDER SPLICE G2 J7																	
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area										Remarks
1	SPL	PL	80* 9	320		0.05	E	0.03	M	0.05							LF-UO
8	SPL	PL	270* 9	320		1.38	G	0.69	M	1.38							LF-UI
1	SPL	PL	80* 9	320		0.05	E	0.03	M	0.05							LF-UO
1	SPL	PL	2930* 9	320		1.88	E	0.94	M	1.88							LF-L
104		TCB	M 22* 65			0.53	I	0.12	K	0.41							LFLG
1	SPL	PL	2543* 9	470		2.39	E	1.20	M	2.39							LWEBO
1	SPL	PL	2543* 9	470		2.39	G	1.20	M	2.39							LWEBI

Caluculation of Steel Primer

(Unit: mm, m²)

150		TCB	M 22* 70			0.76	I	0.13	K	0.63								LWEB
1	SPL	PL	2597* 9	470		2.44	G	1.22	M	2.44								RWEBI
1	SPL	PL	2597* 9	470		2.44	E	1.22	M	2.44								RWEBO
150		TCB	M 22* 70			0.76	I	0.13	K	0.63								RWEB
14	SPL	PL	100* 17	630		1.76	G	0.88	M	1.76								LRIB
56		TCB	M 22* 90			0.28	K	0.28										LRIB
							J7	E	3.42	G	3.99	I	0.38	K	1.95			
								M	14.78									

APPROACH BRIDGE GIRDER SPLICE G2 J8																		
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area											Remarks
1	SPL	PL	80* 9	320		0.05	E	0.03	M	0.05								LF-UO
8	SPL	PL	270* 9	320		1.38	G	0.69	M	1.38								LF-UI
1	SPL	PL	80* 9	320		0.05	E	0.03	M	0.05								LF-UO
1	SPL	PL	2930* 9	320		1.88	E	0.94	M	1.88								LF-L
104		TCB	M 22* 70			0.53	I	0.12	K	0.41								LFLG
1	FILL	PL	2930* 2.3	160		0.94	M	0.94										
1	SPL	PL	2543* 9	470		2.39	E	1.20	M	2.39								LWEBO
1	SPL	PL	2543* 9	470		2.39	G	1.20	M	2.39								LWEBI
150		TCB	M 22* 70			0.76	I	0.13	K	0.63								LWEB
1	SPL	PL	2597* 9	470		2.44	G	1.22	M	2.44								RWEBI
1	SPL	PL	2597* 9	470		2.44	E	1.22	M	2.44								RWEBO
150		TCB	M 22* 70			0.76	I	0.13	K	0.63								RWEB
14	SPL	PL	100* 17	630		1.76	G	0.88	M	1.76								LRIB
56		TCB	M 22* 90			0.28	K	0.28										LRIB
							J8	E	3.42	G	3.99	I	0.38	K	1.95			
								M	15.72									

APPROACH BRIDGE GIRDER SPLICE G2 J9																		
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area											Remarks
1	SPL	PL	80* 9	470		0.08	E	0.04	M	0.08								LF-UO
8	SPL	PL	270* 9	470		2.03	G	1.02	M	2.03								LF-UI
1	SPL	PL	80* 9	470		0.08	E	0.04	M	0.08								LF-UO
1	SPL	PL	2930* 9	470		2.75	E	1.38	M	2.75								LF-L
156		TCB	M 22* 70			0.79	I	0.18	K	0.61								LFLG
1	FILL	PL	2930* 2.3	235		1.38	M	1.38										
1	SPL	PL	2543* 9	620		3.15	E	1.58	M	3.15								LWEBO
1	SPL	PL	2543* 9	620		3.15	G	1.58	M	3.15								LWEBI
200		TCB	M 22* 70			1.01	I	0.17	K	0.84								LWEB
1	SPL	PL	2597* 9	620		3.22	G	1.61	M	3.22								RWEBI

Caluculation of Steel Primer

(Unit: mm, m²)

1	SPL	PL	2597* 9	620		3.22	E	1.61	M	3.22								RWEBO
200		TCB	M 22* 70			1.01	I	0.17	K	0.84								RWEB
14	SPL	PL	100* 15	780		2.18	G	1.09	M	2.18								LRIB
70		TCB	M 22* 85			0.35	K	0.35										LRIB
							J9	E	4.65	G	5.30	I	0.52	K	2.64			
								M	21.24									

APPROACH BRIDGE GIRDER SPLICE G2 J10																		
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area											Remarks
1	SPL	PL	80* 9	470		0.08	E	0.04	M	0.08								LF-UO
8	SPL	PL	270* 9	470		2.03	G	1.02	M	2.03								LF-UI
1	SPL	PL	80* 9	470		0.08	E	0.04	M	0.08								LF-UO
1	SPL	PL	2930* 9	470		2.75	E	1.38	M	2.75								LF-L
156		TCB	M 22* 70			0.79	I	0.18	K	0.61								LFLG
1	FILL	PL	2930* 2.3	235		1.38	M	1.38										
1	SPL	PL	2543* 9	620		3.15	E	1.58	M	3.15								LWEBO
1	SPL	PL	2543* 9	620		3.15	G	1.58	M	3.15								LWEBI
200		TCB	M 22* 70			1.01	I	0.17	K	0.84								LWEB
1	SPL	PL	2597* 9	620		3.22	G	1.61	M	3.22								RWEBI
1	SPL	PL	2597* 9	620		3.22	E	1.61	M	3.22								RWEBO
200		TCB	M 22* 70			1.01	I	0.17	K	0.84								RWEB
14	SPL	PL	100* 15	780		2.18	G	1.09	M	2.18								LRIB
70		TCB	M 22* 85			0.35	K	0.35										LRIB
							J10	E	4.65	G	5.30	I	0.52	K	2.64			
								M	21.24									

APPROACH BRIDGE GIRDER SPLICE G2 J11																		
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area											Remarks
1	SPL	PL	80* 9	320		0.05	E	0.03	M	0.05								LF-UO
8	SPL	PL	270* 9	320		1.38	G	0.69	M	1.38								LF-UI
1	SPL	PL	80* 9	320		0.05	E	0.03	M	0.05								LF-UO
1	SPL	PL	2930* 9	320		1.88	E	0.94	M	1.88								LF-L
104		TCB	M 22* 70			0.53	I	0.12	K	0.41								LFLG
1	FILL	PL	2930* 2.3	160		0.94	M	0.94										
1	SPL	PL	2543* 9	470		2.39	E	1.20	M	2.39								LWEBO
1	SPL	PL	2543* 9	470		2.39	G	1.20	M	2.39								LWEBI
150		TCB	M 22* 70			0.76	I	0.13	K	0.63								LWEB
1	SPL	PL	2597* 9	470		2.44	G	1.22	M	2.44								RWEBI
1	SPL	PL	2597* 9	470		2.44	E	1.22	M	2.44								RWEBO
150		TCB	M 22* 70			0.76	I	0.13	K	0.63								RWEB

Caluculation of Steel Primer

(Unit: mm, m²)

14	SPL	PL	100* 15	630		1.76	G	0.88	M	1.76					LRIB
56		TCB	M 22* 85			0.28	K	0.28							LRIB
J11							E	3.42	G	3.99	I	0.38	K	1.95	
							M	15.72							

APPROACH BRIDGE GIRDER SPLICE G2 J12															
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area								Remarks
1	SPL	PL	80* 9	320		0.05	E	0.03	M	0.05					LF-UO
8	SPL	PL	270* 9	320		1.38	G	0.69	M	1.38					LF-UI
1	SPL	PL	80* 9	320		0.05	E	0.03	M	0.05					LF-UO
1	SPL	PL	2930* 9	320		1.88	E	0.94	M	1.88					LF-L
104		TCB	M 22* 65			0.53	I	0.12	K	0.41					LFLG
1	SPL	PL	2543* 9	470		2.39	E	1.20	M	2.39					LWEBO
1	SPL	PL	2543* 9	470		2.39	G	1.20	M	2.39					LWEBI
150		TCB	M 22* 70			0.76	I	0.13	K	0.63					LWEB
1	SPL	PL	2597* 9	470		2.44	G	1.22	M	2.44					RWEBI
1	SPL	PL	2597* 9	470		2.44	E	1.22	M	2.44					RWEBO
150		TCB	M 22* 70			0.76	I	0.13	K	0.63					RWEB
14	SPL	PL	100* 17	630		1.76	G	0.88	M	1.76					LRIB
56		TCB	M 22* 90			0.28	K	0.28							LRIB
J12							E	3.42	G	3.99	I	0.38	K	1.95	
							M	14.78							

APPROACH BRIDGE GIRDER SPLICE G2 J13															
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area								Remarks
1	SPL	PL	80* 9	320		0.05	E	0.03	M	0.05					LF-UO
8	SPL	PL	270* 9	320		1.38	G	0.69	M	1.38					LF-UI
1	SPL	PL	80* 9	320		0.05	E	0.03	M	0.05					LF-UO
1	SPL	PL	2930* 9	320		1.88	E	0.94	M	1.88					LF-L
104		TCB	M 22* 65			0.53	I	0.12	K	0.41					LFLG
1	SPL	PL	2543* 9	470		2.39	E	1.20	M	2.39					LWEBO
1	SPL	PL	2543* 9	470		2.39	G	1.20	M	2.39					LWEBI
150		TCB	M 22* 70			0.76	I	0.13	K	0.63					LWEB
1	SPL	PL	2597* 9	470		2.44	G	1.22	M	2.44					RWEBI
1	SPL	PL	2597* 9	470		2.44	E	1.22	M	2.44					RWEBO
150		TCB	M 22* 70			0.76	I	0.13	K	0.63					RWEB
14	SPL	PL	100* 17	630		1.76	G	0.88	M	1.76					LRIB
56		TCB	M 22* 90			0.28	K	0.28							LRIB
J13							E	3.42	G	3.99	I	0.38	K	1.95	

Caluculation of Steel Primer

(Unit: mm, m²)

	M	14.78							
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APPROACH BRIDGE GIRDER SPLICE G2 J14														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
1	SPL	PL	80* 9	320		0.05	E	0.03	M	0.05		LF-UO		
8	SPL	PL	270* 9	320		1.38	G	0.69	M	1.38		LF-UI		
1	SPL	PL	80* 9	320		0.05	E	0.03	M	0.05		LF-UO		
1	SPL	PL	2930* 9	320		1.88	E	0.94	M	1.88		LF-L		
104		TCB	M 22* 65			0.53	I	0.12	K	0.41		LFLG		
1	SPL	PL	2543* 9	470		2.39	E	1.20	M	2.39		LWEBO		
1	SPL	PL	2543* 9	470		2.39	G	1.20	M	2.39		LWEBI		
150		TCB	M 22* 70			0.76	I	0.13	K	0.63		LWEB		
1	SPL	PL	2597* 9	470		2.44	G	1.22	M	2.44		RWEBI		
1	SPL	PL	2597* 9	470		2.44	E	1.22	M	2.44		RWEBO		
150		TCB	M 22* 70			0.76	I	0.13	K	0.63		RWEB		
14	SPL	PL	100* 17	630		1.76	G	0.88	M	1.76		LRIB		
56		TCB	M 22* 90			0.28	K	0.28				LRIB		
J14							E	3.42	G	3.99	I	0.38	K	1.95
							M	14.78						

APPROACH BRIDGE GIRDER SPLICE G2 J15														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
1	SPL	PL	80* 9	320		0.05	E	0.03	M	0.05		LF-UO		
8	SPL	PL	270* 9	320		1.38	G	0.69	M	1.38		LF-UI		
1	SPL	PL	80* 9	320		0.05	E	0.03	M	0.05		LF-UO		
1	SPL	PL	2930* 9	320		1.88	E	0.94	M	1.88		LF-L		
104		TCB	M 22* 65			0.53	I	0.12	K	0.41		LFLG		
1	SPL	PL	2543* 9	470		2.39	E	1.20	M	2.39		LWEBO		
1	SPL	PL	2543* 9	470		2.39	G	1.20	M	2.39		LWEBI		
150		TCB	M 22* 70			0.76	I	0.13	K	0.63		LWEB		
1	SPL	PL	2597* 9	470		2.44	G	1.22	M	2.44		RWEBI		
1	SPL	PL	2597* 9	470		2.44	E	1.22	M	2.44		RWEBO		
150		TCB	M 22* 70			0.76	I	0.13	K	0.63		RWEB		
14	SPL	PL	100* 17	630		1.76	G	0.88	M	1.76		LRIB		
56		TCB	M 22* 90			0.28	K	0.28				LRIB		
J15							E	3.42	G	3.99	I	0.38	K	1.95
							M	14.78						

APPROACH BRIDGE GIRDER SPLICE G2 J16													

Caluculation of Steel Primer

(Unit: mm, m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	SPL	PL	80* 9	320		0.05	E	0.03	M	0.05				LF-UO
8	SPL	PL	270* 9	320		1.38	G	0.69	M	1.38				LF-UI
1	SPL	PL	80* 9	320		0.05	E	0.03	M	0.05				LF-UO
1	SPL	PL	2930* 9	320		1.88	E	0.94	M	1.88				LF-L
104		TCB	M 22* 65			0.53	I	0.12	K	0.41				LFLG
1	SPL	PL	2543* 9	470		2.39	E	1.20	M	2.39				LWEBO
1	SPL	PL	2543* 9	470		2.39	G	1.20	M	2.39				LWEBI
150		TCB	M 22* 70			0.76	I	0.13	K	0.63				LWEB
1	SPL	PL	2597* 9	470		2.44	G	1.22	M	2.44				RWEBI
1	SPL	PL	2597* 9	470		2.44	E	1.22	M	2.44				RWEBO
150		TCB	M 22* 70			0.76	I	0.13	K	0.63				RWEB
14	SPL	PL	100* 17	630		1.76	G	0.88	M	1.76				LRIB
56		TCB	M 22* 90			0.28	K	0.28						LRIB
J16							E	3.42	G	3.99	I	0.38	K	1.95
							M	14.78						

APPROACH BRIDGE GIRDER SPLICE G2 J17														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	SPL	PL	80* 9	320		0.05	E	0.03	M	0.05				LF-UO
8	SPL	PL	270* 9	320		1.38	G	0.69	M	1.38				LF-UI
1	SPL	PL	80* 9	320		0.05	E	0.03	M	0.05				LF-UO
1	SPL	PL	2930* 9	320		1.88	E	0.94	M	1.88				LF-L
104		TCB	M 22* 70			0.53	I	0.12	K	0.41				LFLG
1	FILL	PL	2930* 4.5	160		0.94	M	0.94						
1	SPL	PL	2543* 9	470		2.39	E	1.20	M	2.39				LWEBO
1	SPL	PL	2543* 9	470		2.39	G	1.20	M	2.39				LWEBI
150		TCB	M 22* 70			0.76	I	0.13	K	0.63				LWEB
1	SPL	PL	2597* 9	470		2.44	G	1.22	M	2.44				RWEBI
1	SPL	PL	2597* 9	470		2.44	E	1.22	M	2.44				RWEBO
150		TCB	M 22* 70			0.76	I	0.13	K	0.63				RWEB
14	SPL	PL	100* 15	630		1.76	G	0.88	M	1.76				LRIB
56		TCB	M 22* 85			0.28	K	0.28						LRIB
J17							E	3.42	G	3.99	I	0.38	K	1.95
							M	15.72						

APPROACH BRIDGE GIRDER SPLICE G2 J18														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	SPL	PL	80* 9	470		0.08	E	0.04	M	0.08				LF-UO
8	SPL	PL	270* 9	470		2.03	G	1.02	M	2.03				LF-UI

Caluculation of Steel Primer

(Unit: mm, m²)

1	SPL	PL	80* 9	470		0.08	E	0.04	M	0.08								LF-UO
1	SPL	PL	2930* 9	470		2.75	E	1.38	M	2.75								LF-L
156		TCB	M 22* 75			0.79	I	0.18	K	0.61								LFLG
1	FILL	PL	2930* 6	235		1.38	M	1.38										
1	SPL	PL	2543* 9	620		3.15	E	1.58	M	3.15								LWEBO
1	SPL	PL	2543* 9	620		3.15	G	1.58	M	3.15								LWEBI
200		TCB	M 22* 70			1.01	I	0.17	K	0.84								LWEB
1	SPL	PL	2597* 9	620		3.22	G	1.61	M	3.22								RWEBI
1	SPL	PL	2597* 9	620		3.22	E	1.61	M	3.22								RWEBO
200		TCB	M 22* 70			1.01	I	0.17	K	0.84								RWEB
14	SPL	PL	100* 15	780		2.18	G	1.09	M	2.18								LRIB
70		TCB	M 22* 90			0.35	K	0.35										LRIB
14	FILL	PL	100* 2.3	380		1.06	M	1.06										
J18							E	4.65	G	5.30	I	0.52	K	2.64				
							M	22.30										

APPROACH BRIDGE GIRDER SPLICE G2 J19																		
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area											Remarks
1	SPL	PL	80* 13	698		0.11	E	0.06	M	0.11								LF-UO
8	SPL	PL	270* 13	698		3.02	G	1.51	M	3.02								LF-UI
1	SPL	PL	80* 13	698		0.11	E	0.06	M	0.11								LF-UO
1	SPL	PL	2930* 11	698		4.09	E	2.05	M	4.09								LF-L
260		TCB	M 22* 90			1.32	I	0.30	K	1.01								LFLG
1	FILL	PL	2930* 6	349		2.05	M	2.05										
1	SPL	PL	2543* 9	620		3.15	E	1.58	M	3.15								LWEBO
1	SPL	PL	2543* 9	620		3.15	G	1.58	M	3.15								LWEBI
200		TCB	M 22* 70			1.01	I	0.17	K	0.84								LWEB
1	SPL	PL	2597* 9	620		3.22	G	1.61	M	3.22								RWEBI
1	SPL	PL	2597* 9	620		3.22	E	1.61	M	3.22								RWEBO
200		TCB	M 22* 70			1.01	I	0.17	K	0.84								RWEB
14	SPL	PL	120* 19	1060		3.56	G	1.78	M	3.56								LRIB
126		TCB	M 22* 95			0.64	K	0.64										LRIB
J19							E	5.36	G	6.48	I	0.64	K	3.33				
							M	25.68										

APPROACH BRIDGE GIRDER SPLICE G2 J20																		
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area											Remarks
1	SPL	PL	80* 13	698		0.11	E	0.06	M	0.11								LF-UO
8	SPL	PL	270* 13	698		3.02	G	1.51	M	3.02								LF-UI
1	SPL	PL	80* 13	698		0.11	E	0.06	M	0.11								LF-UO

Caluculation of Steel Primer

(Unit: mm, m²)

1	SPL	PL	2930* 10	698		4.09	E	2.05	M	4.09								LF-L
260		TCB	M 22* 85			1.32	I	0.30	K	1.01								LFLG
1	FILL	PL	2930* 8	349		2.05	M	2.05										
1	SPL	PL	2543* 9	620		3.15	E	1.58	M	3.15								LWEBO
1	SPL	PL	2543* 9	620		3.15	G	1.58	M	3.15								LWEBI
200		TCB	M 22* 70			1.01	I	0.17	K	0.84								LWEB
1	SPL	PL	2597* 9	620		3.22	G	1.61	M	3.22								RWEBI
1	SPL	PL	2597* 9	620		3.22	E	1.61	M	3.22								RWEBO
200		TCB	M 22* 70			1.01	I	0.17	K	0.84								RWEB
14	SPL	PL	120* 19	1060		3.56	G	1.78	M	3.56								LRIB
126		TCB	M 22* 95			0.64	K	0.64										LRIB
J20							E	5.36	G	6.48	I	0.64	K	3.33				
							M	25.68										

APPROACH BRIDGE GIRDER SPLICE G2 J21																			
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area											Remarks	
1	SPL	PL	80* 9	470		0.08	E	0.04	M	0.08								LF-UO	
8	SPL	PL	270* 9	470		2.03	G	1.02	M	2.03								LF-UI	
1	SPL	PL	80* 9	470		0.08	E	0.04	M	0.08								LF-UO	
1	SPL	PL	2930* 9	470		2.75	E	1.38	M	2.75								LF-L	
156		TCB	M 22* 75			0.79	I	0.18	K	0.61								LFLG	
1	FILL	PL	2930* 8	235		1.38	M	1.38											
1	SPL	PL	2543* 9	620		3.15	E	1.58	M	3.15								LWEBO	
1	SPL	PL	2543* 9	620		3.15	G	1.58	M	3.15								LWEBI	
200		TCB	M 22* 70			1.01	I	0.17	K	0.84								LWEB	
1	SPL	PL	2597* 9	620		3.22	G	1.61	M	3.22								RWEBI	
1	SPL	PL	2597* 9	620		3.22	E	1.61	M	3.22								RWEBO	
200		TCB	M 22* 70			1.01	I	0.17	K	0.84								RWEB	
14	SPL	PL	100* 15	780		2.18	G	1.09	M	2.18								LRIB	
70		TCB	M 22* 90			0.35	K	0.35										LRIB	
14	FILL	PL	100* 2.3	380		1.06	M	1.06											
J21							E	4.65	G	5.30	I	0.52	K	2.64					
							M	22.30											

APPROACH BRIDGE GIRDER SPLICE G2 J22																		
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area											Remarks
1	SPL	PL	80* 9	320		0.05	E	0.03	M	0.05								LF-UO
8	SPL	PL	270* 9	320		1.38	G	0.69	M	1.38								LF-UI
1	SPL	PL	80* 9	320		0.05	E	0.03	M	0.05								LF-UO
1	SPL	PL	2930* 9	320		1.88	E	0.94	M	1.88								LF-L

Caluculation of Steel Primer

(Unit: mm, m²)

104		TCB	M 22* 65			0.53	I	0.12	K	0.41					LFLG
1	SPL	PL	2543* 9	620		3.15	E	1.58	M	3.15					LWEBO
1	SPL	PL	2543* 9	620		3.15	G	1.58	M	3.15					LWEBI
200		TCB	M 22* 70			1.01	I	0.17	K	0.84					LWEB
1	SPL	PL	2597* 9	620		3.22	G	1.61	M	3.22					RWEBI
1	SPL	PL	2597* 9	620		3.22	E	1.61	M	3.22					RWEBO
200		TCB	M 22* 70			1.01	I	0.17	K	0.84					RWEB
14	SPL	PL	100* 17	630		1.76	G	0.88	M	1.76					LRIB
56		TCB	M 22* 90			0.28	K	0.28							LRIB
J22							E	4.19	G	4.76	I	0.46	K	2.37	
							M	17.86							

APPROACH BRIDGE GIRDER SPLICE G2 J23															
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks		
1	SPL	PL	80* 9	320		0.05	E	0.03	M	0.05					LF-UO
4	SPL	PL	614* 9	320		1.57	G	0.79	M	1.57					LF-UI
1	SPL	PL	80* 9	320		0.05	E	0.03	M	0.05					LF-UO
1	SPL	PL	2930* 9	320		1.88	E	0.94	M	1.88					LF-L
120		TCB	M 22* 70			0.61	I	0.14	K	0.47					LFLG
1	FILL	PL	2930* 6	160		0.94	M	0.94							
1	SPL	PL	2543* 9	470		2.39	E	1.20	M	2.39					LWEBO
1	SPL	PL	2543* 9	470		2.39	G	1.20	M	2.39					LWEBI
150		TCB	M 22* 70			0.76	I	0.13	K	0.63					LWEB
1	SPL	PL	2597* 9	470		2.44	G	1.22	M	2.44					RWEBI
1	SPL	PL	2597* 9	470		2.44	E	1.22	M	2.44					RWEBO
150		TCB	M 22* 70			0.76	I	0.13	K	0.63					RWEB
6	SPL	PL	100* 17	630		0.76	G	0.38	M	0.76					LRIB
24		TCB	M 22* 90			0.12	K	0.12							LRIB
J23							E	3.42	G	3.59	I	0.40	K	1.85	
							M	14.91							

APPROACH BRIDGE GIRDER SPLICE G2 J24															
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks		
1	SPL	PL	80* 12	620		0.10	E	0.05	M	0.10					LF-UO
4	SPL	PL	614* 12	620		3.05	G	1.52	M	3.05					LF-UI
1	SPL	PL	80* 12	620		0.10	E	0.05	M	0.10					LF-UO
1	SPL	PL	2930* 10	620		3.63	E	1.82	M	3.63					LF-L
216		TCB	M 22* 85			1.09	I	0.25	K	0.84					LFLG
1	FILL	PL	2930* 9	310		1.82	M	1.82							
1	SPL	PL	2543* 9	620		3.15	E	1.58	M	3.15					LWEBO

Caluculation of Steel Primer

(Unit: mm, m²)

1	SPL	PL	2543* 9	620	3.15	G	1.58	M	3.15														LWEBI
200		TCB	M 22* 70		1.01	I	0.17	K	0.84														LWEB
1	SPL	PL	2597* 9	620	3.22	G	1.61	M	3.22														RWEBI
1	SPL	PL	2597* 9	620	3.22	E	1.61	M	3.22														RWEBO
200		TCB	M 22* 70		1.01	I	0.17	K	0.84														RWEB
6	SPL	PL	100* 17	930	1.12	G	0.56	M	1.12														LRIB
36		TCB	M 22* 95		0.18	K	0.18																LRIB
6	FILL	PL	100* 2.3	455	0.55	M	0.55																
J24						E	5.11	G	5.27	I	0.59	K	2.70										
M						23.11																	

APPROACH BRIDGE GIRDER SPLICE G2 J25																							
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area											Remarks					
1	SPL	PL	80* 18	770	0.12	E	0.06	M	0.12														LF-UO
4	SPL	PL	614* 18	770	3.78	G	1.89	M	3.78														LF-UI
1	SPL	PL	80* 18	770	0.12	E	0.06	M	0.12														LF-UO
1	SPL	PL	2930* 15	770	4.51	E	2.26	M	4.51														LF-L
276		TCB	M 22* 105		1.40	I	0.32	K	1.08														LFLG
1	FILL	PL	2930* 9	385	2.26	M	2.26																
1	SPL	PL	2543* 9	620	3.15	E	1.58	M	3.15														LWEBO
1	SPL	PL	2543* 9	620	3.15	G	1.58	M	3.15														LWEBI
200		TCB	M 22* 70		1.01	I	0.17	K	0.84														LWEB
1	SPL	PL	2597* 9	620	3.22	G	1.61	M	3.22														RWEBI
1	SPL	PL	2597* 9	620	3.22	E	1.61	M	3.22														RWEBO
200		TCB	M 22* 70		1.01	I	0.17	K	0.84														RWEB
6	SPL	PL	120* 21	1090	1.57	G	0.78	M	1.57														LRIB
48		TCB	M 22* 100		0.24	K	0.24																LRIB
J25						E	5.57	G	5.86	I	0.66	K	3.00										
M						25.10																	

APPROACH BRIDGE GIRDER SPLICE G2 J26																							
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area											Remarks					
1	SPL	PL	80* 23	962	0.15	E	0.08	M	0.15														LF-UO
4	SPL	PL	614* 23	962	4.73	G	2.36	M	4.73														LF-UI
1	SPL	PL	80* 23	962	0.15	E	0.08	M	0.15														LF-UO
1	SPL	PL	2930* 20	962	5.64	E	2.82	M	5.64														LF-L
396		TCB	M 22* 120		2.00	I	0.46	K	1.54														LFLG
1	FILL	PL	2930* 3.2	481	2.82	M	2.82																
1	SPL	PL	2543* 9	620	3.15	E	1.58	M	3.15														LWEBO
1	SPL	PL	2543* 9	620	3.15	G	1.58	M	3.15														LWEBI

Caluculation of Steel Primer

(Unit: mm,m²)

200		TCB	M 22* 70			1.01	I	0.17	K	0.84									LWEB
1	SPL	PL	2597* 9	620		3.22	G	1.61	M	3.22									RWEBI
1	SPL	PL	2597* 9	620		3.22	E	1.61	M	3.22									RWEBO
200		TCB	M 22* 70			1.01	I	0.17	K	0.84									RWEB
6	SPL	PL	120* 21	1090		1.57	G	0.78	M	1.57									LRIB
48		TCB	M 22* 100			0.24	K	0.24											LRIB
							J26		E	6.17	G	6.33	I	0.80	K	3.46			
									M	27.80									

APPROACH BRIDGE GIRDER SPLICE G2 J27																			
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area											Remarks	
1	SPL	PL	80* 25	962		0.15	E	0.08	M	0.15									LF-UO
4	SPL	PL	614* 25	962		4.73	G	2.36	M	4.73									LF-UI
1	SPL	PL	80* 25	962		0.15	E	0.08	M	0.15									LF-UO
1	SPL	PL	2930* 21	962		5.64	E	2.82	M	5.64									LF-L
396		TCB	M 22* 120			2.00	I	0.46	K	1.54									LFLG
1	SPL	PL	2543* 9	620		3.15	E	1.58	M	3.15									LWEBO
1	SPL	PL	2543* 9	620		3.15	G	1.58	M	3.15									LWEBI
200		TCB	M 22* 70			1.01	I	0.17	K	0.84									LWEB
1	SPL	PL	2597* 9	620		3.22	G	1.61	M	3.22									RWEBI
1	SPL	PL	2597* 9	620		3.22	E	1.61	M	3.22									RWEBO
200		TCB	M 22* 70			1.01	I	0.17	K	0.84									RWEB
6	SPL	PL	120* 21	1090		1.57	G	0.78	M	1.57									LRIB
48		TCB	M 22* 100			0.24	K	0.24											LRIB
							J27		E	6.17	G	6.33	I	0.80	K	3.46			
									M	24.98									

APPROACH BRIDGE GIRDER SPLICE G2 J28																			
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area											Remarks	
1	SPL	PL	80* 25	962		0.15	E	0.08	M	0.15									LF-UO
4	SPL	PL	614* 25	962		4.73	G	2.36	M	4.73									LF-UI
1	SPL	PL	80* 25	962		0.15	E	0.08	M	0.15									LF-UO
1	SPL	PL	2930* 21	962		5.64	E	2.82	M	5.64									LF-L
396		TCB	M 22* 120			2.00	I	0.46	K	1.54									LFLG
1	SPL	PL	2543* 9	620		3.15	E	1.58	M	3.15									LWEBO
1	SPL	PL	2543* 9	620		3.15	G	1.58	M	3.15									LWEBI
200		TCB	M 22* 70			1.01	I	0.17	K	0.84									LWEB
1	SPL	PL	2597* 9	620		3.22	G	1.61	M	3.22									RWEBI
1	SPL	PL	2597* 9	620		3.22	E	1.61	M	3.22									RWEBO
200		TCB	M 22* 70			1.01	I	0.17	K	0.84									RWEB

Caluculation of Steel Primer

(Unit: mm, m²)

6	SPL	PL	120* 21	1090		1.57	G	0.78	M	1.57					LRIB
48		TCB	M 22* 100			0.24	K	0.24							LRIB
J28							E	6.17	G	6.33	I	0.80	K	3.46	
							M	24.98							

APPROACH BRIDGE GIRDER SPLICE G2 J29															
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks		
1	SPL	PL	80* 23	962		0.15	E	0.08	M	0.15					LF-UO
4	SPL	PL	614* 23	962		4.73	G	2.36	M	4.73					LF-UI
1	SPL	PL	80* 23	962		0.15	E	0.08	M	0.15					LF-UO
1	SPL	PL	2930* 20	962		5.64	E	2.82	M	5.64					LF-L
396		TCB	M 22* 120			2.00	I	0.46	K	1.54					LFLG
1	FILL	PL	2930* 3.2	481		2.82	M	2.82							
1	SPL	PL	2543* 9	620		3.15	E	1.58	M	3.15					LWEBO
1	SPL	PL	2543* 9	620		3.15	G	1.58	M	3.15					LWEBI
200		TCB	M 22* 70			1.01	I	0.17	K	0.84					LWEB
1	SPL	PL	2597* 9	620		3.22	G	1.61	M	3.22					RWEBI
1	SPL	PL	2597* 9	620		3.22	E	1.61	M	3.22					RWEBO
200		TCB	M 22* 70			1.01	I	0.17	K	0.84					RWEB
6	SPL	PL	120* 22	1060		1.53	G	0.76	M	1.53					LRIB
54		TCB	M 22* 105			0.27	K	0.27							LRIB
J29							E	6.17	G	6.31	I	0.80	K	3.49	
							M	27.76							

APPROACH BRIDGE GIRDER SPLICE G2 J30															
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks		
1	SPL	PL	80* 19	920		0.15	E	0.07	M	0.15					LF-UO
4	SPL	PL	614* 19	920		4.52	G	2.26	M	4.52					LF-UI
1	SPL	PL	80* 19	920		0.15	E	0.07	M	0.15					LF-UO
1	SPL	PL	2930* 16	920		5.39	E	2.70	M	5.39					LF-L
336		TCB	M 22* 105			1.70	I	0.39	K	1.31					LFLG
1	FILL	PL	2930* 6	460		2.70	M	2.70							
1	SPL	PL	2543* 9	620		3.15	E	1.58	M	3.15					LWEBO
1	SPL	PL	2543* 9	620		3.15	G	1.58	M	3.15					LWEBI
200		TCB	M 22* 70			1.01	I	0.17	K	0.84					LWEB
1	SPL	PL	2597* 9	620		3.22	G	1.61	M	3.22					RWEBI
1	SPL	PL	2597* 9	620		3.22	E	1.61	M	3.22					RWEBO
200		TCB	M 22* 70			1.01	I	0.17	K	0.84					RWEB
6	SPL	PL	120* 21	1090		1.57	G	0.78	M	1.57					LRIB
48		TCB	M 22* 100			0.24	K	0.24							LRIB

Caluculation of Steel Primer

(Unit: mm, m²)

J30					E	6.03	G	6.23	I	0.73	K	3.23	
					M	27.22							

APPROACH BRIDGE GIRDER SPLICE G2 J31																		
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks					
							E	M	G	I	K							
1	SPL	PL	80* 13	620		0.10	E	0.05	M	0.10				LF-UO				
4	SPL	PL	614* 13	620		3.05	G	1.52	M	3.05				LF-UI				
1	SPL	PL	80* 13	620		0.10	E	0.05	M	0.10				LF-UO				
1	SPL	PL	2930* 11	620		3.63	E	1.82	M	3.63				LF-L				
216		TCB	M 22* 90			1.09	I	0.25	K	0.84				LFLG				
1	FILL	PL	2930* 10	310		1.82	M	1.82										
1	SPL	PL	2543* 9	620		3.15	E	1.58	M	3.15				LWEBO				
1	SPL	PL	2543* 9	620		3.15	G	1.58	M	3.15				LWEBI				
200		TCB	M 22* 70			1.01	I	0.17	K	0.84				LWEB				
1	SPL	PL	2597* 9	620		3.22	G	1.61	M	3.22				RWEBI				
1	SPL	PL	2597* 9	620		3.22	E	1.61	M	3.22				RWEBO				
200		TCB	M 22* 70			1.01	I	0.17	K	0.84				RWEB				
6	SPL	PL	100* 17	930		1.12	G	0.56	M	1.12				LRIB				
36		TCB	M 22* 95			0.18	K	0.18						LRIB				
6	FILL	PL	100* 2.3	455		0.55	M	0.55										
										E	5.11	G	5.27	I	0.59	K	2.70	
J31										M	23.11							

APPROACH BRIDGE GIRDER SPLICE G2 J32														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
							E	M	G	I	K			
1	SPL	PL	80* 9	320		0.05	E	0.03	M	0.05				LF-UO
4	SPL	PL	614* 9	320		1.57	G	0.79	M	1.57				LF-UI
1	SPL	PL	80* 9	320		0.05	E	0.03	M	0.05				LF-UO
1	SPL	PL	2930* 9	320		1.88	E	0.94	M	1.88				LF-L
120		TCB	M 22* 75			0.61	I	0.14	K	0.47				LFLG
1	FILL	PL	2930* 8	160		0.94	M	0.94						
1	SPL	PL	2543* 9	620		3.15	E	1.58	M	3.15				LWEBO
1	SPL	PL	2543* 9	620		3.15	G	1.58	M	3.15				LWEBI
200		TCB	M 22* 70			1.01	I	0.17	K	0.84				LWEB
1	SPL	PL	2597* 9	620		3.22	G	1.61	M	3.22				RWEBI
1	SPL	PL	2597* 9	620		3.22	E	1.61	M	3.22				RWEBO
200		TCB	M 22* 70			1.01	I	0.17	K	0.84				RWEB
6	SPL	PL	100* 17	630		0.76	G	0.38	M	0.76				LRIB
24		TCB	M 22* 90			0.12	K	0.12						LRIB

Caluculation of Steel Primer

(Unit: mm,m²)

J32	E	4.19	G	4.36	I	0.48	K	2.27
	M	17.99						
G2	E	146.45	G	159.55	I	17.10	K	81.53
	M	645.49						

Caluculation of Steel Primer

(Unit: mm, m²)

APPROACH BRIDGE GIRDER SPLICE G3 J1														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	SPL	PL	80* 9	320		0.05	E	0.03	M	0.05			LF-UO	
4	SPL	PL	614* 9	320		1.57	G	0.79	M	1.57			LF-UI	
1	SPL	PL	80* 9	320		0.05	E	0.03	M	0.05			LF-UO	
1	SPL	PL	2930* 9	320		1.88	E	0.94	M	1.88			LF-L	
120		TCB	M 22* 70			0.61	I	0.14	K	0.47			LFLG	
1	FILL	PL	2930* 3.2	160		0.94	M	0.94						
1	SPL	PL	2597* 9	470		2.44	E	1.22	M	2.44			LWEBO	
1	SPL	PL	2597* 9	470		2.44	G	1.22	M	2.44			LWEBI	
150		TCB	M 22* 70			0.76	I	0.13	K	0.63			LWEB	
1	SPL	PL	2543* 9	470		2.39	G	1.20	M	2.39			RWEBI	
1	SPL	PL	2543* 9	470		2.39	E	1.20	M	2.39			RWEBO	
150		TCB	M 22* 70			0.76	I	0.13	K	0.63			RWEB	
6	SPL	PL	100* 17	630		0.76	G	0.38	M	0.76			LRIB	
24		TCB	M 22* 90			0.12	K	0.12					LRIB	
J1							E	3.42	G	3.59	I	0.40	K	1.85
							M	14.91						

APPROACH BRIDGE GIRDER SPLICE G3 J2														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	SPL	PL	80* 9	470		0.08	E	0.04	M	0.08			LF-UO	
4	SPL	PL	614* 9	470		2.31	G	1.15	M	2.31			LF-UI	
1	SPL	PL	80* 9	470		0.08	E	0.04	M	0.08			LF-UO	
1	SPL	PL	2930* 9	470		2.75	E	1.38	M	2.75			LF-L	
156		TCB	M 22* 75			0.79	I	0.18	K	0.61			LFLG	
1	FILL	PL	2930* 4.5	235		1.38	M	1.38						
1	SPL	PL	2597* 9	620		3.22	E	1.61	M	3.22			LWEBO	
1	SPL	PL	2597* 9	620		3.22	G	1.61	M	3.22			LWEBI	
200		TCB	M 22* 70			1.01	I	0.17	K	0.84			LWEB	
1	SPL	PL	2543* 9	620		3.15	G	1.58	M	3.15			RWEBI	
1	SPL	PL	2543* 9	620		3.15	E	1.58	M	3.15			RWEBO	
200		TCB	M 22* 70			1.01	I	0.17	K	0.84			RWEB	
6	SPL	PL	100* 17	780		0.94	G	0.47	M	0.94			LRIB	
30		TCB	M 22* 90			0.15	K	0.15					LRIB	
J2							E	4.65	G	4.81	I	0.52	K	2.44
							M	20.28						

APPROACH BRIDGE GIRDER SPLICE G3 J3												

Caluculation of Steel Primer

(Unit: mm, m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	SPL	PL	80* 13	620		0.10	E	0.05	M	0.10				LF-UO
4	SPL	PL	614* 13	620		3.05	G	1.52	M	3.05				LF-UI
1	SPL	PL	80* 13	620		0.10	E	0.05	M	0.10				LF-UO
1	SPL	PL	2930* 11	620		3.63	E	1.82	M	3.63				LF-L
216		TCB	M 22* 80			1.09	I	0.25	K	0.84				LFLG
1	FILL	PL	2930* 2.3	310		1.82	M	1.82						
1	SPL	PL	2597* 9	620		3.22	E	1.61	M	3.22				LWEBO
1	SPL	PL	2597* 9	620		3.22	G	1.61	M	3.22				LWEBI
200		TCB	M 22* 70			1.01	I	0.17	K	0.84				LWEB
1	SPL	PL	2543* 9	620		3.15	G	1.58	M	3.15				RWEBI
1	SPL	PL	2543* 9	620		3.15	E	1.58	M	3.15				RWEBO
200		TCB	M 22* 70			1.01	I	0.17	K	0.84				RWEB
6	SPL	PL	100* 17	930		1.12	G	0.56	M	1.12				LRIB
36		TCB	M 22* 90			0.18	K	0.18						LRIB
J3							E	5.11	G	5.27	I	0.59	K	2.70
							M	22.56						

APPROACH BRIDGE GIRDER SPLICE G3 J4														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	SPL	PL	80* 14	620		0.10	E	0.05	M	0.10				LF-UO
4	SPL	PL	614* 14	620		3.05	G	1.52	M	3.05				LF-UI
1	SPL	PL	80* 14	620		0.10	E	0.05	M	0.10				LF-UO
1	SPL	PL	2930* 12	620		3.63	E	1.82	M	3.63				LF-L
216		TCB	M 22* 85			1.09	I	0.25	K	0.84				LFLG
1	SPL	PL	2597* 9	620		3.22	E	1.61	M	3.22				LWEBO
1	SPL	PL	2597* 9	620		3.22	G	1.61	M	3.22				LWEBI
200		TCB	M 22* 70			1.01	I	0.17	K	0.84				LWEB
1	SPL	PL	2543* 9	620		3.15	G	1.58	M	3.15				RWEBI
1	SPL	PL	2543* 9	620		3.15	E	1.58	M	3.15				RWEBO
200		TCB	M 22* 70			1.01	I	0.17	K	0.84				RWEB
6	SPL	PL	100* 17	930		1.12	G	0.56	M	1.12				LRIB
36		TCB	M 22* 90			0.18	K	0.18						LRIB
J4							E	5.11	G	5.27	I	0.59	K	2.70
							M	20.74						

APPROACH BRIDGE GIRDER SPLICE G3 J5														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	SPL	PL	80* 13	620		0.10	E	0.05	M	0.10				LF-UO
4	SPL	PL	614* 13	620		3.05	G	1.52	M	3.05				LF-UI

Caluculation of Steel Primer

(Unit: mm, m²)

1	SPL	PL	80* 13	620		0.10	E	0.05	M	0.10									LF-UO
1	SPL	PL	2930* 11	620		3.63	E	1.82	M	3.63									LF-L
216		TCB	M 22* 80			1.09	I	0.25	K	0.84									LFLG
1	FILL	PL	2930* 2.3	310		1.82	M	1.82											
1	SPL	PL	2597* 9	620		3.22	E	1.61	M	3.22									LWEBO
1	SPL	PL	2597* 9	620		3.22	G	1.61	M	3.22									LWEBI
200		TCB	M 22* 70			1.01	I	0.17	K	0.84									LWEB
1	SPL	PL	2543* 9	620		3.15	G	1.58	M	3.15									RWEBI
1	SPL	PL	2543* 9	620		3.15	E	1.58	M	3.15									RWEBO
200		TCB	M 22* 70			1.01	I	0.17	K	0.84									RWEB
6	SPL	PL	100* 17	930		1.12	G	0.56	M	1.12									LRIB
36		TCB	M 22* 90			0.18	K	0.18											LRIB
							J5	E	5.11	G	5.27	I	0.59	K	2.70				
								M	22.56										

APPROACH BRIDGE GIRDER SPLICE G3 J6																			
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area												Remarks
1	SPL	PL	80* 9	470		0.08	E	0.04	M	0.08									LF-UO
4	SPL	PL	614* 9	470		2.31	G	1.15	M	2.31									LF-UI
1	SPL	PL	80* 9	470		0.08	E	0.04	M	0.08									LF-UO
1	SPL	PL	2930* 9	470		2.75	E	1.38	M	2.75									LF-L
156		TCB	M 22* 75			0.79	I	0.18	K	0.61									LFLG
1	FILL	PL	2930* 6	235		1.38	M	1.38											
1	SPL	PL	2597* 9	620		3.22	E	1.61	M	3.22									LWEBO
1	SPL	PL	2597* 9	620		3.22	G	1.61	M	3.22									LWEBI
200		TCB	M 22* 70			1.01	I	0.17	K	0.84									LWEB
1	SPL	PL	2543* 9	620		3.15	G	1.58	M	3.15									RWEBI
1	SPL	PL	2543* 9	620		3.15	E	1.58	M	3.15									RWEBO
200		TCB	M 22* 70			1.01	I	0.17	K	0.84									RWEB
6	SPL	PL	100* 17	930		1.12	G	0.56	M	1.12									LRIB
36		TCB	M 22* 90			0.18	K	0.18											LRIB
							J6	E	4.65	G	4.90	I	0.52	K	2.47				
								M	20.46										

APPROACH BRIDGE GIRDER SPLICE G3 J7																			
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area												Remarks
1	SPL	PL	80* 9	320		0.05	E	0.03	M	0.05									LF-UO
8	SPL	PL	270* 9	320		1.38	G	0.69	M	1.38									LF-UI
1	SPL	PL	80* 9	320		0.05	E	0.03	M	0.05									LF-UO
1	SPL	PL	2930* 9	320		1.88	E	0.94	M	1.88									LF-L

Caluculation of Steel Primer

(Unit: mm, m²)

104		TCB	M 22* 70			0.53	I	0.12	K	0.41					LFLG
1	FILL	PL	2930* 2.3	160		0.94	M	0.94							
1	SPL	PL	2597* 9	470		2.44	E	1.22	M	2.44					LWEBO
1	SPL	PL	2597* 9	470		2.44	G	1.22	M	2.44					LWEBI
150		TCB	M 22* 70			0.76	I	0.13	K	0.63					LWEB
1	SPL	PL	2543* 9	470		2.39	G	1.20	M	2.39					RWEBI
1	SPL	PL	2543* 9	470		2.39	E	1.20	M	2.39					RWEBO
150		TCB	M 22* 70			0.76	I	0.13	K	0.63					RWEB
14	SPL	PL	100* 17	630		1.76	G	0.88	M	1.76					LRIB
56		TCB	M 22* 90			0.28	K	0.28							LRIB
							J7	E	3.42	G	3.99	I	0.38	K	1.95
								M	15.72						

APPROACH BRIDGE GIRDER SPLICE G3 J8															
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks		
1	SPL	PL	80* 9	320		0.05	E	0.03	M	0.05					LF-UO
8	SPL	PL	270* 9	320		1.38	G	0.69	M	1.38					LF-UI
1	SPL	PL	80* 9	320		0.05	E	0.03	M	0.05					LF-UO
1	SPL	PL	2930* 9	320		1.88	E	0.94	M	1.88					LF-L
104		TCB	M 22* 70			0.53	I	0.12	K	0.41					LFLG
1	FILL	PL	2930* 2.3	160		0.94	M	0.94							
1	SPL	PL	2597* 9	620		3.22	E	1.61	M	3.22					LWEBO
1	SPL	PL	2597* 9	620		3.22	G	1.61	M	3.22					LWEBI
200		TCB	M 22* 70			1.01	I	0.17	K	0.84					LWEB
1	SPL	PL	2543* 9	620		3.15	G	1.58	M	3.15					RWEBI
1	SPL	PL	2543* 9	620		3.15	E	1.58	M	3.15					RWEBO
200		TCB	M 22* 70			1.01	I	0.17	K	0.84					RWEB
14	SPL	PL	100* 17	630		1.76	G	0.88	M	1.76					LRIB
56		TCB	M 22* 90			0.28	K	0.28							LRIB
							J8	E	4.19	G	4.76	I	0.46	K	2.37
								M	18.80						

APPROACH BRIDGE GIRDER SPLICE G3 J9															
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks		
1	SPL	PL	80* 9	470		0.08	E	0.04	M	0.08					LF-UO
8	SPL	PL	270* 9	470		2.03	G	1.02	M	2.03					LF-UI
1	SPL	PL	80* 9	470		0.08	E	0.04	M	0.08					LF-UO
1	SPL	PL	2930* 9	470		2.75	E	1.38	M	2.75					LF-L
156		TCB	M 22* 70			0.79	I	0.18	K	0.61					LFLG
1	FILL	PL	2930* 2.3	235		1.38	M	1.38							

Caluculation of Steel Primer

(Unit: mm, m²)

1	SPL	PL	2597* 9	620		3.22	E	1.61	M	3.22										LWEBO	
1	SPL	PL	2597* 9	620		3.22	G	1.61	M	3.22											LWEBI
200		TCB	M 22* 70			1.01	I	0.17	K	0.84											LWEB
1	SPL	PL	2543* 9	620		3.15	G	1.58	M	3.15											RWEBI
1	SPL	PL	2543* 9	620		3.15	E	1.58	M	3.15											RWEBO
200		TCB	M 22* 70			1.01	I	0.17	K	0.84											RWEB
14	SPL	PL	100* 15	780		2.18	G	1.09	M	2.18											LRIB
70		TCB	M 22* 90			0.35	K	0.35													LRIB
14	FILL	PL	100* 2.3	380		1.06	M	1.06													
							J9	E	4.65	G	5.30	I	0.52	K	2.64						
								M	22.30												

APPROACH BRIDGE GIRDER SPLICE G3 J10																					
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area											Remarks			
1	SPL	PL	80* 9	470		0.08	E	0.04	M	0.08											LF-UO
8	SPL	PL	270* 9	470		2.03	G	1.02	M	2.03											LF-UI
1	SPL	PL	80* 9	470		0.08	E	0.04	M	0.08											LF-UO
1	SPL	PL	2930* 9	470		2.75	E	1.38	M	2.75											LF-L
156		TCB	M 22* 70			0.79	I	0.18	K	0.61											LFLG
1	FILL	PL	2930* 2.3	235		1.38	M	1.38													
1	SPL	PL	2597* 9	620		3.22	E	1.61	M	3.22											LWEBO
1	SPL	PL	2597* 9	620		3.22	G	1.61	M	3.22											LWEBI
200		TCB	M 22* 70			1.01	I	0.17	K	0.84											LWEB
1	SPL	PL	2543* 9	620		3.15	G	1.58	M	3.15											RWEBI
1	SPL	PL	2543* 9	620		3.15	E	1.58	M	3.15											RWEBO
200		TCB	M 22* 70			1.01	I	0.17	K	0.84											RWEB
14	SPL	PL	100* 15	780		2.18	G	1.09	M	2.18											LRIB
70		TCB	M 22* 90			0.35	K	0.35													LRIB
14	FILL	PL	100* 2.3	380		1.06	M	1.06													
							J10	E	4.65	G	5.30	I	0.52	K	2.64						
								M	22.30												

APPROACH BRIDGE GIRDER SPLICE G3 J11																					
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area											Remarks			
1	SPL	PL	80* 9	320		0.05	E	0.03	M	0.05											LF-UO
8	SPL	PL	270* 9	320		1.38	G	0.69	M	1.38											LF-UI
1	SPL	PL	80* 9	320		0.05	E	0.03	M	0.05											LF-UO
1	SPL	PL	2930* 9	320		1.88	E	0.94	M	1.88											LF-L
104		TCB	M 22* 70			0.53	I	0.12	K	0.41											LFLG
1	FILL	PL	2930* 2.3	160		0.94	M	0.94													

Caluculation of Steel Primer

(Unit: mm, m²)

1	SPL	PL	2597* 9	470		2.44	E	1.22	M	2.44								LWEBO
1	SPL	PL	2597* 9	470		2.44	G	1.22	M	2.44								LWEBI
150		TCB	M 22* 70			0.76	I	0.13	K	0.63								LWEB
1	SPL	PL	2543* 9	470		2.39	G	1.20	M	2.39								RWEBI
1	SPL	PL	2543* 9	470		2.39	E	1.20	M	2.39								RWEBO
150		TCB	M 22* 70			0.76	I	0.13	K	0.63								RWEB
14	SPL	PL	100* 15	630		1.76	G	0.88	M	1.76								LRIB
56		TCB	M 22* 85			0.28	K	0.28										LRIB
J11							E	3.42	G	3.99	I	0.38	K	1.95				
							M	15.72										

APPROACH BRIDGE GIRDER SPLICE G3 J12																		
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area											Remarks
1	SPL	PL	80* 9	320		0.05	E	0.03	M	0.05								LF-UO
8	SPL	PL	270* 9	320		1.38	G	0.69	M	1.38								LF-UI
1	SPL	PL	80* 9	320		0.05	E	0.03	M	0.05								LF-UO
1	SPL	PL	2930* 9	320		1.88	E	0.94	M	1.88								LF-L
104		TCB	M 22* 65			0.53	I	0.12	K	0.41								LFLG
1	SPL	PL	2597* 9	470		2.44	E	1.22	M	2.44								LWEBO
1	SPL	PL	2597* 9	470		2.44	G	1.22	M	2.44								LWEBI
150		TCB	M 22* 70			0.76	I	0.13	K	0.63								LWEB
1	SPL	PL	2543* 9	470		2.39	G	1.20	M	2.39								RWEBI
1	SPL	PL	2543* 9	470		2.39	E	1.20	M	2.39								RWEBO
150		TCB	M 22* 70			0.76	I	0.13	K	0.63								RWEB
14	SPL	PL	100* 17	630		1.76	G	0.88	M	1.76								LRIB
56		TCB	M 22* 90			0.28	K	0.28										LRIB
J12							E	3.42	G	3.99	I	0.38	K	1.95				
							M	14.78										

APPROACH BRIDGE GIRDER SPLICE G3 J13																		
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area											Remarks
1	SPL	PL	80* 9	320		0.05	E	0.03	M	0.05								LF-UO
8	SPL	PL	270* 9	320		1.38	G	0.69	M	1.38								LF-UI
1	SPL	PL	80* 9	320		0.05	E	0.03	M	0.05								LF-UO
1	SPL	PL	2930* 9	320		1.88	E	0.94	M	1.88								LF-L
104		TCB	M 22* 65			0.53	I	0.12	K	0.41								LFLG
1	SPL	PL	2597* 9	470		2.44	E	1.22	M	2.44								LWEBO
1	SPL	PL	2597* 9	470		2.44	G	1.22	M	2.44								LWEBI
150		TCB	M 22* 70			0.76	I	0.13	K	0.63								LWEB
1	SPL	PL	2543* 9	470		2.39	G	1.20	M	2.39								RWEBI

Caluculation of Steel Primer

(Unit: mm, m²)

1	SPL	PL	2543* 9	470		2.39	E	1.20	M	2.39						RWEBO
150		TCB	M 22* 70			0.76	I	0.13	K	0.63						RWEB
14	SPL	PL	100* 17	630		1.76	G	0.88	M	1.76						LRIB
56		TCB	M 22* 90			0.28	K	0.28								LRIB
J13							E	3.42	G	3.99	I	0.38	K	1.95		
							M	14.78								

APPROACH BRIDGE GIRDER SPLICE G3 J14																
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area									Remarks
1	SPL	PL	80* 9	320		0.05	E	0.03	M	0.05						LF-UO
8	SPL	PL	270* 9	320		1.38	G	0.69	M	1.38						LF-UI
1	SPL	PL	80* 9	320		0.05	E	0.03	M	0.05						LF-UO
1	SPL	PL	2930* 9	320		1.88	E	0.94	M	1.88						LF-L
104		TCB	M 22* 65			0.53	I	0.12	K	0.41						LFLG
1	SPL	PL	2597* 9	470		2.44	E	1.22	M	2.44						LWEBO
1	SPL	PL	2597* 9	470		2.44	G	1.22	M	2.44						LWEBI
150		TCB	M 22* 70			0.76	I	0.13	K	0.63						LWEB
1	SPL	PL	2543* 9	470		2.39	G	1.20	M	2.39						RWEBI
1	SPL	PL	2543* 9	470		2.39	E	1.20	M	2.39						RWEBO
150		TCB	M 22* 70			0.76	I	0.13	K	0.63						RWEB
14	SPL	PL	100* 17	630		1.76	G	0.88	M	1.76						LRIB
56		TCB	M 22* 90			0.28	K	0.28								LRIB
J14							E	3.42	G	3.99	I	0.38	K	1.95		
							M	14.78								

APPROACH BRIDGE GIRDER SPLICE G3 J15																
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area									Remarks
1	SPL	PL	80* 9	320		0.05	E	0.03	M	0.05						LF-UO
8	SPL	PL	270* 9	320		1.38	G	0.69	M	1.38						LF-UI
1	SPL	PL	80* 9	320		0.05	E	0.03	M	0.05						LF-UO
1	SPL	PL	2930* 9	320		1.88	E	0.94	M	1.88						LF-L
104		TCB	M 22* 65			0.53	I	0.12	K	0.41						LFLG
1	SPL	PL	2597* 9	470		2.44	E	1.22	M	2.44						LWEBO
1	SPL	PL	2597* 9	470		2.44	G	1.22	M	2.44						LWEBI
150		TCB	M 22* 70			0.76	I	0.13	K	0.63						LWEB
1	SPL	PL	2543* 9	470		2.39	G	1.20	M	2.39						RWEBI
1	SPL	PL	2543* 9	470		2.39	E	1.20	M	2.39						RWEBO
150		TCB	M 22* 70			0.76	I	0.13	K	0.63						RWEB
14	SPL	PL	100* 17	630		1.76	G	0.88	M	1.76						LRIB
56		TCB	M 22* 90			0.28	K	0.28								LRIB

Caluculation of Steel Primer

(Unit: mm, m²)

J15					E	3.42	G	3.99	I	0.38	K	1.95	
					M	14.78							

APPROACH BRIDGE GIRDER SPLICE G3 J16														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
							E	M	G	I	K			
1	SPL	PL	80* 9	320		0.05	E	0.03	M	0.05				LF-UO
8	SPL	PL	270* 9	320		1.38	G	0.69	M	1.38				LF-UI
1	SPL	PL	80* 9	320		0.05	E	0.03	M	0.05				LF-UO
1	SPL	PL	2930* 9	320		1.88	E	0.94	M	1.88				LF-L
104		TCB	M 22* 65			0.53	I	0.12	K	0.41				LFLG
1	SPL	PL	2597* 9	470		2.44	E	1.22	M	2.44				LWEBO
1	SPL	PL	2597* 9	470		2.44	G	1.22	M	2.44				LWEBI
150		TCB	M 22* 70			0.76	I	0.13	K	0.63				LWEB
1	SPL	PL	2543* 9	470		2.39	G	1.20	M	2.39				RWEBI
1	SPL	PL	2543* 9	470		2.39	E	1.20	M	2.39				RWEBO
150		TCB	M 22* 70			0.76	I	0.13	K	0.63				RWEB
14	SPL	PL	100* 17	630		1.76	G	0.88	M	1.76				LRIB
56		TCB	M 22* 90			0.28	K	0.28						LRIB
J16					E	3.42	G	3.99	I	0.38	K	1.95		
					M	14.78								

APPROACH BRIDGE GIRDER SPLICE G3 J17														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
							E	M	G	I	K			
1	SPL	PL	80* 9	320		0.05	E	0.03	M	0.05				LF-UO
8	SPL	PL	270* 9	320		1.38	G	0.69	M	1.38				LF-UI
1	SPL	PL	80* 9	320		0.05	E	0.03	M	0.05				LF-UO
1	SPL	PL	2930* 9	320		1.88	E	0.94	M	1.88				LF-L
104		TCB	M 22* 70			0.53	I	0.12	K	0.41				LFLG
1	FILL	PL	2930* 4.5	160		0.94	M	0.94						
1	SPL	PL	2597* 9	470		2.44	E	1.22	M	2.44				LWEBO
1	SPL	PL	2597* 9	470		2.44	G	1.22	M	2.44				LWEBI
150		TCB	M 22* 70			0.76	I	0.13	K	0.63				LWEB
1	SPL	PL	2543* 9	470		2.39	G	1.20	M	2.39				RWEBI
1	SPL	PL	2543* 9	470		2.39	E	1.20	M	2.39				RWEBO
150		TCB	M 22* 70			0.76	I	0.13	K	0.63				RWEB
14	SPL	PL	100* 15	630		1.76	G	0.88	M	1.76				LRIB
56		TCB	M 22* 85			0.28	K	0.28						LRIB
J17					E	3.42	G	3.99	I	0.38	K	1.95		
					M	15.72								

APPROACH BRIDGE GIRDER SPLICE G3 J18														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	SPL	PL	80* 9	470		0.08	E	0.04	M	0.08			LF-UO	
8	SPL	PL	270* 9	470		2.03	G	1.02	M	2.03			LF-UI	
1	SPL	PL	80* 9	470		0.08	E	0.04	M	0.08			LF-UO	
1	SPL	PL	2930* 9	470		2.75	E	1.38	M	2.75			LF-L	
156		TCB	M 22* 75			0.79	I	0.18	K	0.61			LFLG	
1	FILL	PL	2930* 6	235		1.38	M	1.38						
1	SPL	PL	2597* 9	620		3.22	E	1.61	M	3.22			LWEBO	
1	SPL	PL	2597* 9	620		3.22	G	1.61	M	3.22			LWEBI	
200		TCB	M 22* 70			1.01	I	0.17	K	0.84			LWEB	
1	SPL	PL	2543* 9	620		3.15	G	1.58	M	3.15			RWEBI	
1	SPL	PL	2543* 9	620		3.15	E	1.58	M	3.15			RWEBO	
200		TCB	M 22* 70			1.01	I	0.17	K	0.84			RWEB	
14	SPL	PL	100* 15	930		2.60	G	1.30	M	2.60			LRIB	
84		TCB	M 22* 90			0.43	K	0.43					LRIB	
14	FILL	PL	100* 2.3	455		1.27	M	1.27						
J18							E	4.65	G	5.51	I	0.52	K	2.72
							M	22.93						

APPROACH BRIDGE GIRDER SPLICE G3 J19														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	SPL	PL	80* 14	698		0.11	E	0.06	M	0.11			LF-UO	
8	SPL	PL	270* 14	698		3.02	G	1.51	M	3.02			LF-UI	
1	SPL	PL	80* 14	698		0.11	E	0.06	M	0.11			LF-UO	
1	SPL	PL	2930* 11	698		4.09	E	2.05	M	4.09			LF-L	
260		TCB	M 22* 90			1.32	I	0.30	K	1.01			LFLG	
1	FILL	PL	2930* 6	349		2.05	M	2.05						
1	SPL	PL	2597* 9	620		3.22	E	1.61	M	3.22			LWEBO	
1	SPL	PL	2597* 9	620		3.22	G	1.61	M	3.22			LWEBI	
200		TCB	M 22* 70			1.01	I	0.17	K	0.84			LWEB	
1	SPL	PL	2543* 9	620		3.15	G	1.58	M	3.15			RWEBI	
1	SPL	PL	2543* 9	620		3.15	E	1.58	M	3.15			RWEBO	
200		TCB	M 22* 70			1.01	I	0.17	K	0.84			RWEB	
14	SPL	PL	120* 19	1060		3.56	G	1.78	M	3.56			LRIB	
126		TCB	M 22* 95			0.64	K	0.64					LRIB	
J19							E	5.36	G	6.48	I	0.64	K	3.33
							M	25.68						

Caluculation of Steel Primer

(Unit: mm, m²)

APPROACH BRIDGE GIRDER SPLICE G3 J20														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	SPL	PL	80* 13	698		0.11	E	0.06	M	0.11			LF-UO	
8	SPL	PL	270* 13	698		3.02	G	1.51	M	3.02			LF-UI	
1	SPL	PL	80* 13	698		0.11	E	0.06	M	0.11			LF-UO	
1	SPL	PL	2930* 11	698		4.09	E	2.05	M	4.09			LF-L	
260		TCB	M 22* 90			1.32	I	0.30	K	1.01			LFLG	
1	FILL	PL	2930* 8	349		2.05	M	2.05						
1	SPL	PL	2597* 9	620		3.22	E	1.61	M	3.22			LWEBO	
1	SPL	PL	2597* 9	620		3.22	G	1.61	M	3.22			LWEBI	
200		TCB	M 22* 70			1.01	I	0.17	K	0.84			LWEB	
1	SPL	PL	2543* 9	620		3.15	G	1.58	M	3.15			RWEBI	
1	SPL	PL	2543* 9	620		3.15	E	1.58	M	3.15			RWEBO	
200		TCB	M 22* 70			1.01	I	0.17	K	0.84			RWEB	
14	SPL	PL	120* 19	1060		3.56	G	1.78	M	3.56			LRIB	
126		TCB	M 22* 95			0.64	K	0.64					LRIB	
J20							E	5.36	G	6.48	I	0.64	K	3.33
							M	25.68						

APPROACH BRIDGE GIRDER SPLICE G3 J21														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	SPL	PL	80* 9	470		0.08	E	0.04	M	0.08			LF-UO	
8	SPL	PL	270* 9	470		2.03	G	1.02	M	2.03			LF-UI	
1	SPL	PL	80* 9	470		0.08	E	0.04	M	0.08			LF-UO	
1	SPL	PL	2930* 9	470		2.75	E	1.38	M	2.75			LF-L	
156		TCB	M 22* 75			0.79	I	0.18	K	0.61			LFLG	
1	FILL	PL	2930* 8	235		1.38	M	1.38						
1	SPL	PL	2597* 9	620		3.22	E	1.61	M	3.22			LWEBO	
1	SPL	PL	2597* 9	620		3.22	G	1.61	M	3.22			LWEBI	
200		TCB	M 22* 70			1.01	I	0.17	K	0.84			LWEB	
1	SPL	PL	2543* 9	620		3.15	G	1.58	M	3.15			RWEBI	
1	SPL	PL	2543* 9	620		3.15	E	1.58	M	3.15			RWEBO	
200		TCB	M 22* 70			1.01	I	0.17	K	0.84			RWEB	
14	SPL	PL	100* 15	780		2.18	G	1.09	M	2.18			LRIB	
70		TCB	M 22* 90			0.35	K	0.35					LRIB	
14	FILL	PL	100* 2.3	380		1.06	M	1.06						
J21							E	4.65	G	5.30	I	0.52	K	2.64
							M	22.30						

APPROACH BRIDGE GIRDER SPLICE G3 J22												
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Caluculation of Steel Primer

(Unit: mm, m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
1	SPL	PL	80* 9	320		0.05	E	0.03	M	0.05			LF-UO	
8	SPL	PL	270* 9	320		1.38	G	0.69	M	1.38			LF-UI	
1	SPL	PL	80* 9	320		0.05	E	0.03	M	0.05			LF-UO	
1	SPL	PL	2930* 9	320		1.88	E	0.94	M	1.88			LF-L	
104		TCB	M 22* 70			0.53	I	0.12	K	0.41			LFLG	
1	FILL	PL	2930* 2.3	160		0.94	M	0.94						
1	SPL	PL	2597* 9	620		3.22	E	1.61	M	3.22			LWEBO	
1	SPL	PL	2597* 9	620		3.22	G	1.61	M	3.22			LWEBI	
200		TCB	M 22* 70			1.01	I	0.17	K	0.84			LWEB	
1	SPL	PL	2543* 9	620		3.15	G	1.58	M	3.15			RWEBI	
1	SPL	PL	2543* 9	620		3.15	E	1.58	M	3.15			RWEBO	
200		TCB	M 22* 70			1.01	I	0.17	K	0.84			RWEB	
14	SPL	PL	100* 17	630		1.76	G	0.88	M	1.76			LRIB	
56		TCB	M 22* 90			0.28	K	0.28					LRIB	
J22							E	4.19	G	4.76	I	0.46	K	2.37
							M	18.80						

APPROACH BRIDGE GIRDER SPLICE G3 J23														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
1	SPL	PL	80* 9	320		0.05	E	0.03	M	0.05			LF-UO	
4	SPL	PL	614* 9	320		1.57	G	0.79	M	1.57			LF-UI	
1	SPL	PL	80* 9	320		0.05	E	0.03	M	0.05			LF-UO	
1	SPL	PL	2930* 9	320		1.88	E	0.94	M	1.88			LF-L	
120		TCB	M 22* 70			0.61	I	0.14	K	0.47			LFLG	
1	FILL	PL	2930* 6	160		0.94	M	0.94						
1	SPL	PL	2597* 9	470		2.44	E	1.22	M	2.44			LWEBO	
1	SPL	PL	2597* 9	470		2.44	G	1.22	M	2.44			LWEBI	
150		TCB	M 22* 70			0.76	I	0.13	K	0.63			LWEB	
1	SPL	PL	2543* 9	470		2.39	G	1.20	M	2.39			RWEBI	
1	SPL	PL	2543* 9	470		2.39	E	1.20	M	2.39			RWEBO	
150		TCB	M 22* 70			0.76	I	0.13	K	0.63			RWEB	
6	SPL	PL	100* 17	630		0.76	G	0.38	M	0.76			LRIB	
24		TCB	M 22* 90			0.12	K	0.12					LRIB	
J23							E	3.42	G	3.59	I	0.40	K	1.85
							M	14.91						

APPROACH BRIDGE GIRDER SPLICE G3 J24													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		

Calculation of Steel Primer

(Unit: mm, m²)

1	SPL	PL	80* 11	620		0.10	E	0.05	M	0.10										LF-UO		
4	SPL	PL	614* 11	620		3.05	G	1.52	M	3.05										LF-UI		
1	SPL	PL	80* 11	620		0.10	E	0.05	M	0.10										LF-UO		
1	SPL	PL	2930* 10	620		3.63	E	1.82	M	3.63										LF-L		
216		TCB	M 22* 85			1.09	I	0.25	K	0.84										LFLG		
1	FILL	PL	2930* 9	310		1.82	M	1.82														
1	SPL	PL	2597* 9	620		3.22	E	1.61	M	3.22										LWEBO		
1	SPL	PL	2597* 9	620		3.22	G	1.61	M	3.22										LWEBI		
200		TCB	M 22* 70			1.01	I	0.17	K	0.84										LWEB		
1	SPL	PL	2543* 9	620		3.15	G	1.58	M	3.15										RWEBI		
1	SPL	PL	2543* 9	620		3.15	E	1.58	M	3.15										RWEBO		
200		TCB	M 22* 70			1.01	I	0.17	K	0.84										RWEB		
6	SPL	PL	100* 17	930		1.12	G	0.56	M	1.12										LRIB		
36		TCB	M 22* 95			0.18	K	0.18												LRIB		
6	FILL	PL	100* 2.3	455		0.55	M	0.55														
J24							E	5.11	G	5.27	I	0.59	K	2.70								
							M	23.11														

APPROACH BRIDGE GIRDER SPLICE G3 J25																						
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area														Remarks	
1	SPL	PL	80* 17	770		0.12	E	0.06	M	0.12										LF-UO		
4	SPL	PL	614* 17	770		3.78	G	1.89	M	3.78										LF-UI		
1	SPL	PL	80* 17	770		0.12	E	0.06	M	0.12										LF-UO		
1	SPL	PL	2930* 15	770		4.51	E	2.26	M	4.51										LF-L		
276		TCB	M 22* 100			1.40	I	0.32	K	1.08										LFLG		
1	FILL	PL	2930* 6	385		2.26	M	2.26														
1	SPL	PL	2597* 9	620		3.22	E	1.61	M	3.22										LWEBO		
1	SPL	PL	2597* 9	620		3.22	G	1.61	M	3.22										LWEBI		
200		TCB	M 22* 70			1.01	I	0.17	K	0.84										LWEB		
1	SPL	PL	2543* 9	620		3.15	G	1.58	M	3.15										RWEBI		
1	SPL	PL	2543* 9	620		3.15	E	1.58	M	3.15										RWEBO		
200		TCB	M 22* 70			1.01	I	0.17	K	0.84										RWEB		
6	SPL	PL	120* 21	1090		1.57	G	0.78	M	1.57										LRIB		
48		TCB	M 22* 100			0.24	K	0.24												LRIB		
J25							E	5.57	G	5.86	I	0.66	K	3.00								
							M	25.10														

APPROACH BRIDGE GIRDER SPLICE G3 J26																					
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area														Remarks
1	SPL	PL	80* 22	830		0.13	E	0.07	M	0.13										LF-UO	

Caluculation of Steel Primer

(Unit: mm, m²)

4	SPL	PL	614* 22	830		4.08	G	2.04	M	4.08				LF-UI
1	SPL	PL	80* 22	830		0.13	E	0.07	M	0.13				LF-UO
1	SPL	PL	2930* 19	830		4.86	E	2.43	M	4.86				LF-L
336		TCB	M 22* 115			1.70	I	0.39	K	1.31				LFLG
1	FILL	PL	2930* 4.5	415		2.43	M	2.43						
1	SPL	PL	2597* 9	620		3.22	E	1.61	M	3.22				LWEBO
1	SPL	PL	2597* 9	620		3.22	G	1.61	M	3.22				LWEBI
200		TCB	M 22* 70			1.01	I	0.17	K	0.84				LWEB
1	SPL	PL	2543* 9	620		3.15	G	1.58	M	3.15				RWEBI
1	SPL	PL	2543* 9	620		3.15	E	1.58	M	3.15				RWEBO
200		TCB	M 22* 70			1.01	I	0.17	K	0.84				RWEB
6	SPL	PL	120* 21	1220		1.76	G	0.88	M	1.76				LRIB
54		TCB	M 22* 100			0.27	K	0.27						LRIB
J26							E	5.76	G	6.11	I	0.73	K	3.26
							M	26.13						

APPROACH BRIDGE GIRDER SPLICE G3 J27														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	SPL	PL	80* 24	962		0.15	E	0.08	M	0.15				LF-UO
4	SPL	PL	614* 24	962		4.73	G	2.36	M	4.73				LF-UI
1	SPL	PL	80* 24	962		0.15	E	0.08	M	0.15				LF-UO
1	SPL	PL	2930* 20	962		5.64	E	2.82	M	5.64				LF-L
396		TCB	M 22* 115			2.00	I	0.46	K	1.54				LFLG
1	SPL	PL	2597* 9	620		3.22	E	1.61	M	3.22				LWEBO
1	SPL	PL	2597* 9	620		3.22	G	1.61	M	3.22				LWEBI
200		TCB	M 22* 70			1.01	I	0.17	K	0.84				LWEB
1	SPL	PL	2543* 9	620		3.15	G	1.58	M	3.15				RWEBI
1	SPL	PL	2543* 9	620		3.15	E	1.58	M	3.15				RWEBO
200		TCB	M 22* 70			1.01	I	0.17	K	0.84				RWEB
6	SPL	PL	120* 21	1090		1.57	G	0.78	M	1.57				LRIB
48		TCB	M 22* 100			0.24	K	0.24						LRIB
J27							E	6.17	G	6.33	I	0.80	K	3.46
							M	24.98						

APPROACH BRIDGE GIRDER SPLICE G3 J28														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	SPL	PL	80* 24	962		0.15	E	0.08	M	0.15				LF-UO
4	SPL	PL	614* 24	962		4.73	G	2.36	M	4.73				LF-UI
1	SPL	PL	80* 24	962		0.15	E	0.08	M	0.15				LF-UO
1	SPL	PL	2930* 21	962		5.64	E	2.82	M	5.64				LF-L

Caluculation of Steel Primer

(Unit: mm, m²)

396		TCB	M 22* 120			2.00	I	0.46	K	1.54					LFLG
1	SPL	PL	2597* 9	620		3.22	E	1.61	M	3.22					LWEBO
1	SPL	PL	2597* 9	620		3.22	G	1.61	M	3.22					LWEBI
200		TCB	M 22* 70			1.01	I	0.17	K	0.84					LWEB
1	SPL	PL	2543* 9	620		3.15	G	1.58	M	3.15					RWEBI
1	SPL	PL	2543* 9	620		3.15	E	1.58	M	3.15					RWEBO
200		TCB	M 22* 70			1.01	I	0.17	K	0.84					RWEB
6	SPL	PL	120* 22	1060		1.53	G	0.76	M	1.53					LRIB
54		TCB	M 22* 105			0.27	K	0.27							LRIB
J28							E	6.17	G	6.31	I	0.80	K	3.49	
							M	24.94							

APPROACH BRIDGE GIRDER SPLICE G3 J29															
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks		
1	SPL	PL	80* 22	962		0.15	E	0.08	M	0.15					LF-UO
4	SPL	PL	614* 22	962		4.73	G	2.36	M	4.73					LF-UI
1	SPL	PL	80* 22	962		0.15	E	0.08	M	0.15					LF-UO
1	SPL	PL	2930* 19	962		5.64	E	2.82	M	5.64					LF-L
396		TCB	M 22* 115			2.00	I	0.46	K	1.54					LFLG
1	FILL	PL	2930* 2.3	481		2.82	M	2.82							
1	SPL	PL	2597* 9	620		3.22	E	1.61	M	3.22					LWEBO
1	SPL	PL	2597* 9	620		3.22	G	1.61	M	3.22					LWEBI
200		TCB	M 22* 70			1.01	I	0.17	K	0.84					LWEB
1	SPL	PL	2543* 9	620		3.15	G	1.58	M	3.15					RWEBI
1	SPL	PL	2543* 9	620		3.15	E	1.58	M	3.15					RWEBO
200		TCB	M 22* 70			1.01	I	0.17	K	0.84					RWEB
6	SPL	PL	120* 21	1090		1.57	G	0.78	M	1.57					LRIB
48		TCB	M 22* 100			0.24	K	0.24							LRIB
J29							E	6.17	G	6.33	I	0.80	K	3.46	
							M	27.80							

APPROACH BRIDGE GIRDER SPLICE G3 J30															
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks		
1	SPL	PL	80* 18	920		0.15	E	0.07	M	0.15					LF-UO
4	SPL	PL	614* 18	920		4.52	G	2.26	M	4.52					LF-UI
1	SPL	PL	80* 18	920		0.15	E	0.07	M	0.15					LF-UO
1	SPL	PL	2930* 16	920		5.39	E	2.70	M	5.39					LF-L
336		TCB	M 22* 105			1.70	I	0.39	K	1.31					LFLG
1	FILL	PL	2930* 6	460		2.70	M	2.70							
1	SPL	PL	2597* 9	620		3.22	E	1.61	M	3.22					LWEBO

Caluculation of Steel Primer

(Unit: mm, m²)

1	SPL	PL	2597* 9	620		3.22	G	1.61	M	3.22								LWEBI
200		TCB	M 22* 70			1.01	I	0.17	K	0.84								LWEB
1	SPL	PL	2543* 9	620		3.15	G	1.58	M	3.15								RWEBI
1	SPL	PL	2543* 9	620		3.15	E	1.58	M	3.15								RWEBO
200		TCB	M 22* 70			1.01	I	0.17	K	0.84								RWEB
6	SPL	PL	120* 21	1090		1.57	G	0.78	M	1.57								LRIB
48		TCB	M 22* 100			0.24	K	0.24										LRIB
							J30	E	6.03	G	6.23	I	0.73	K	3.23			
								M	27.22									

APPROACH BRIDGE GIRDER SPLICE G3 J31																		
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area										Remarks	
1	SPL	PL	80* 12	620		0.10	E	0.05	M	0.10								LF-UO
4	SPL	PL	614* 12	620		3.05	G	1.52	M	3.05								LF-UI
1	SPL	PL	80* 12	620		0.10	E	0.05	M	0.10								LF-UO
1	SPL	PL	2930* 10	620		3.63	E	1.82	M	3.63								LF-L
216		TCB	M 22* 85			1.09	I	0.25	K	0.84								LFLG
1	FILL	PL	2930* 10	310		1.82	M	1.82										
1	SPL	PL	2597* 9	620		3.22	E	1.61	M	3.22								LWEBO
1	SPL	PL	2597* 9	620		3.22	G	1.61	M	3.22								LWEBI
200		TCB	M 22* 70			1.01	I	0.17	K	0.84								LWEB
1	SPL	PL	2543* 9	620		3.15	G	1.58	M	3.15								RWEBI
1	SPL	PL	2543* 9	620		3.15	E	1.58	M	3.15								RWEBO
200		TCB	M 22* 70			1.01	I	0.17	K	0.84								RWEB
6	SPL	PL	100* 17	930		1.12	G	0.56	M	1.12								LRIB
36		TCB	M 22* 95			0.18	K	0.18										LRIB
6	FILL	PL	100* 2.3	455		0.55	M	0.55										
							J31	E	5.11	G	5.27	I	0.59	K	2.70			
								M	23.11									

APPROACH BRIDGE GIRDER SPLICE G3 J32																		
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area										Remarks	
1	SPL	PL	80* 9	320		0.05	E	0.03	M	0.05								LF-UO
4	SPL	PL	614* 9	320		1.57	G	0.79	M	1.57								LF-UI
1	SPL	PL	80* 9	320		0.05	E	0.03	M	0.05								LF-UO
1	SPL	PL	2930* 9	320		1.88	E	0.94	M	1.88								LF-L
120		TCB	M 22* 70			0.61	I	0.14	K	0.47								LFLG
1	FILL	PL	2930* 6	160		0.94	M	0.94										
1	SPL	PL	2597* 9	620		3.22	E	1.61	M	3.22								LWEBO
1	SPL	PL	2597* 9	620		3.22	G	1.61	M	3.22								LWEBI

Caluculation of Steel Primer

(Unit: mm, m²)

200		TCB	M 22* 70			1.01	I	0.17	K	0.84										LWEB
1	SPL	PL	2543* 9	620		3.15	G	1.58	M	3.15										RWEBI
1	SPL	PL	2543* 9	620		3.15	E	1.58	M	3.15										RWEBO
200		TCB	M 22* 70			1.01	I	0.17	K	0.84										RWEB
6	SPL	PL	100* 17	630		0.76	G	0.38	M	0.76										LRIB
24		TCB	M 22* 90			0.12	K	0.12												LRIB
							J32	E	4.19	G	4.36	I	0.48	K	2.27					
								M	17.99											
							G3	E	146.81	G	160.58	I	17.11	K	81.92					
								M	656.65											

Caluculation of Steel Primer

(Unit: mm, m²)

APPROACH BRIDGE GIRDER SPLICE G4 J1														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	SPL	PL	80* 9	470		0.08	E	0.04	M	0.08			LF-UO	
3	SPL	PL	440* 9	470		1.24	G	0.62	M	1.24			LF-UI	
1	SPL	PL	80* 9	470		0.08	E	0.04	M	0.08			LF-UO	
1	SPL	PL	1730* 9	470		1.63	E	0.81	M	1.63			LF-L	
96		TCB	M 22* 85			0.49	I	0.11	K	0.37			LFLG	
6		HTB	M 22* 90			0.04	I	0.04					LFLG	
1	FILL	PL	1730* 14	235		0.81	M	0.81						
1	SPL	PL	2593* 9	620		3.22	E	1.61	M	3.22			LWEBO	
1	SPL	PL	2593* 9	620		3.22	G	1.61	M	3.22			LWEBI	
200		TCB	M 22* 70			1.01	I	0.17	K	0.84			LWEB	
1	SPL	PL	2884* 9	620		3.58	G	1.79	M	3.58			RWEBI	
1	SPL	PL	2884* 9	620		3.58	E	1.79	M	3.58			RWEBO	
192		TCB	M 22* 70			0.97	I	0.17	K	0.81			RWEB	
32		HTB	M 22* 75			0.21	I	0.08	K	0.13			RWEB	
4	SPL	PL	100* 17	780		0.62	G	0.31	M	0.62			LRIB	
20		TCB	M 22* 95			0.10	K	0.10					LRIB	
4	FILL	PL	100* 2.3	380		0.30	M	0.30						
J1							E	4.29	G	4.33	I	0.57	K	2.25
							M	18.36						

APPROACH BRIDGE GIRDER SPLICE G4 J2													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	SPL	PL	80* 20	920		0.15	E	0.07	M	0.15			LF-UO
3	SPL	PL	440* 20	920		2.43	G	1.21	M	2.43			LF-UI
1	SPL	PL	80* 20	920		0.15	E	0.07	M	0.15			LF-UO
1	SPL	PL	1730* 16	920		3.18	E	1.59	M	3.18			LF-L
180		TCB	M 22* 115			0.91	I	0.21	K	0.70			LFLG
12		HTB	M 22* 120			0.08	I	0.08					LFLG
1	FILL	PL	1730* 13	460		1.59	M	1.59					
1	SPL	PL	2593* 9	620		3.22	E	1.61	M	3.22			LWEBO
1	SPL	PL	2593* 9	620		3.22	G	1.61	M	3.22			LWEBI
200		TCB	M 22* 70			1.01	I	0.17	K	0.84			LWEB
1	SPL	PL	2884* 9	620		3.58	G	1.79	M	3.58			RWEBI
1	SPL	PL	2884* 9	620		3.58	E	1.79	M	3.58			RWEBO
192		TCB	M 22* 70			0.97	I	0.17	K	0.81			RWEB
32		HTB	M 22* 75			0.21	I	0.08	K	0.13			RWEB
4	SPL	PL	120* 21	1090		1.05	G	0.52	M	1.05			LRIB
32		TCB	M 22* 100			0.16	K	0.16					LRIB

Caluculation of Steel Primer

(Unit: mm, m²)

J2					E	5.13	G	5.13	I	0.71	K	2.64
					M	22.15						

APPROACH BRIDGE GIRDER SPLICE G4 J3													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	SPL	PL	80* 28	1094		0.18	E	0.09	M	0.18			LF-UO
3	SPL	PL	440* 28	1094		2.89	G	1.44	M	2.89			LF-UI
1	SPL	PL	80* 28	1094		0.18	E	0.09	M	0.18			LF-UO
1	SPL	PL	1730* 23	1094		3.79	E	1.89	M	3.79			LF-L
244		TCB	M 22* 135			1.23	I	0.28	K	0.95			LFLG
16		HTB	M 22* 140			0.11	I	0.11					LFLG
1	FILL	PL	1730* 4.5	547		1.89	M	1.89					
1	SPL	PL	2594* 9	620		3.22	E	1.61	M	3.22			LWEBO
1	SPL	PL	2594* 9	620		3.22	G	1.61	M	3.22			LWEBI
200		TCB	M 22* 70			1.01	I	0.17	K	0.84			LWEB
1	SPL	PL	2884* 9	620		3.58	G	1.79	M	3.58			RWEBI
1	SPL	PL	2884* 9	620		3.58	E	1.79	M	3.58			RWEBO
192		TCB	M 22* 70			0.97	I	0.17	K	0.81			RWEB
32		HTB	M 22* 75			0.21	I	0.08	K	0.13			RWEB
4	SPL	PL	120* 21	1090		1.05	G	0.52	M	1.05			LRIB
32		TCB	M 22* 100			0.16	K	0.16					LRIB
J3					E	5.47	G	5.36	I	0.81	K	2.89	
					M	23.58							

APPROACH BRIDGE GIRDER SPLICE G4 J4													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	SPL	PL	80* 31	1226		0.20	E	0.10	M	0.20			LF-UO
3	SPL	PL	440* 31	1226		3.24	G	1.62	M	3.24			LF-UI
1	SPL	PL	80* 31	1226		0.20	E	0.10	M	0.20			LF-UO
1	SPL	PL	1730* 25	1226		4.24	E	2.12	M	4.24			LF-L
276		TCB	M 22* 140			1.40	I	0.32	K	1.08			LFLG
18		HTB	M 22* 145			0.12	I	0.12					LFLG
1	SPL	PL	2594* 9	620		3.22	E	1.61	M	3.22			LWEBO
1	SPL	PL	2594* 9	620		3.22	G	1.61	M	3.22			LWEBI
200		TCB	M 22* 70			1.01	I	0.17	K	0.84			LWEB
1	SPL	PL	2884* 9	620		3.58	G	1.79	M	3.58			RWEBI
1	SPL	PL	2884* 9	620		3.58	E	1.79	M	3.58			RWEBO
192		TCB	M 22* 70			0.97	I	0.17	K	0.81			RWEB
32		HTB	M 22* 75			0.21	I	0.08	K	0.13			RWEB
4	SPL	PL	120* 22	1060		1.02	G	0.51	M	1.02			LRIB
36		TCB	M 22* 105			0.18	K	0.18					LRIB

Caluculation of Steel Primer

(Unit: mm, m²)

J4					E	5.72	G	5.53	I	0.86	K	3.04	
					M	22.50							

APPROACH BRIDGE GIRDER SPLICE G4 J5																		
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks					
							E	M	G	I	K							
1	SPL	PL	80* 28	1094		0.18	E	0.09	M	0.18			LF-UO					
3	SPL	PL	440* 28	1094		2.89	G	1.44	M	2.89			LF-UI					
1	SPL	PL	80* 28	1094		0.18	E	0.09	M	0.18			LF-UO					
1	SPL	PL	1730* 23	1094		3.79	E	1.89	M	3.79			LF-L					
244		TCB	M 22* 135			1.23	I	0.28	K	0.95			LFLG					
16		HTB	M 22* 140			0.11	I	0.11					LFLG					
1	FILL	PL	1730* 4.5	547		1.89	M	1.89										
1	SPL	PL	2594* 9	620		3.22	E	1.61	M	3.22			LWEBO					
1	SPL	PL	2594* 9	620		3.22	G	1.61	M	3.22			LWEBI					
200		TCB	M 22* 70			1.01	I	0.17	K	0.84			LWEB					
1	SPL	PL	2883* 9	620		3.57	G	1.79	M	3.57			RWEBI					
1	SPL	PL	2883* 9	620		3.57	E	1.79	M	3.57			RWEBO					
192		TCB	M 22* 70			0.97	I	0.17	K	0.81			RWEB					
32		HTB	M 22* 75			0.21	I	0.08	K	0.13			RWEB					
4	SPL	PL	120* 21	1090		1.05	G	0.52	M	1.05			LRIB					
32		TCB	M 22* 100			0.16	K	0.16					LRIB					
										E	5.47	G	5.36	I	0.81	K	2.89	
J5										M	23.56							

APPROACH BRIDGE GIRDER SPLICE G4 J6													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
							E	M	G	I	K		
1	SPL	PL	80* 19	920		0.15	E	0.07	M	0.15			LF-UO
3	SPL	PL	440* 19	920		2.43	G	1.21	M	2.43			LF-UI
1	SPL	PL	80* 19	920		0.15	E	0.07	M	0.15			LF-UO
1	SPL	PL	1730* 15	920		3.18	E	1.59	M	3.18			LF-L
180		TCB	M 22* 110			0.91	I	0.21	K	0.70			LFLG
12		HTB	M 22* 115			0.08	I	0.08					LFLG
1	FILL	PL	1730* 14	460		1.59	M	1.59					
1	SPL	PL	2594* 9	770		3.99	E	2.00	M	3.99			LWEBO
1	SPL	PL	2594* 9	770		3.99	G	2.00	M	3.99			LWEBI
250		TCB	M 22* 70			1.27	I	0.22	K	1.05			LWEB
1	SPL	PL	2883* 9	770		4.44	G	2.22	M	4.44			RWEBI
1	SPL	PL	2883* 9	770		4.44	E	2.22	M	4.44			RWEBO
240		TCB	M 22* 70			1.21	I	0.21	K	1.01			RWEB
40		HTB	M 22* 75			0.27	I	0.10	K	0.17			RWEB

Caluculation of Steel Primer

(Unit: mm, m²)

4	SPL	PL	120* 21	1090		1.05	G	0.52	M	1.05					LRIB
32		TCB	M 22* 100			0.16	K	0.16							LRIB
J6							E	5.95	G	5.95	I	0.82	K	3.09	
							M	25.41							

APPROACH BRIDGE GIRDER SPLICE G4 J7															
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks	
1	SPL	PL	80* 10	470		0.08	E	0.04	M	0.08					LF-UO
6	SPL	PL	190* 10	470		1.07	G	0.54	M	1.07					LF-UI
1	SPL	PL	80* 10	470		0.08	E	0.04	M	0.08					LF-UO
1	SPL	PL	1730* 9	470		1.63	E	0.81	M	1.63					LF-L
78		TCB	M 22* 80			0.39	I	0.09	K	0.30					LFLG
6		HTB	M 22* 85			0.04	I	0.04							LFLG
1	FILL	PL	1730* 13	235		0.81	M	0.81							
1	SPL	PL	2594* 9	620		3.22	E	1.61	M	3.22					LWEBO
1	SPL	PL	2594* 9	620		3.22	G	1.61	M	3.22					LWEBI
200		TCB	M 22* 70			1.01	I	0.17	K	0.84					LWEB
1	SPL	PL	2883* 9	620		3.57	G	1.79	M	3.57					RWEBI
1	SPL	PL	2883* 9	620		3.57	E	1.79	M	3.57					RWEBO
192		TCB	M 22* 70			0.97	I	0.17	K	0.81					RWEB
32		HTB	M 22* 75			0.21	I	0.08	K	0.13					RWEB
10	SPL	PL	100* 17	630		1.26	G	0.63	M	1.26					LRIB
40		TCB	M 22* 95			0.20	K	0.20							LRIB
10	FILL	PL	100* 2.3	305		0.61	M	0.61							
J7							E	4.29	G	4.57	I	0.55	K	2.28	
							M	19.12							

APPROACH BRIDGE GIRDER SPLICE G4 J8															
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks	
1	SPL	PL	80* 10	470		0.08	E	0.04	M	0.08					LF-UO
6	SPL	PL	190* 10	470		1.07	G	0.54	M	1.07					LF-UI
1	SPL	PL	80* 10	470		0.08	E	0.04	M	0.08					LF-UO
1	SPL	PL	1730* 9	470		1.63	E	0.81	M	1.63					LF-L
78		TCB	M 22* 70			0.39	I	0.09	K	0.30					LFLG
6		HTB	M 22* 75			0.04	I	0.04							LFLG
1	FILL	PL	1730* 2.3	235		0.81	M	0.81							
1	SPL	PL	2594* 9	620		3.22	E	1.61	M	3.22					LWEBO
1	SPL	PL	2594* 9	620		3.22	G	1.61	M	3.22					LWEBI
200		TCB	M 22* 75			1.01	I	0.17	K	0.84					LWEB
1	FILL	PL	2594* 2.3	310		1.61	M	1.61							

Caluculation of Steel Primer

(Unit: mm, m²)

1	SPL	PL	2883* 9	620		3.57	G	1.79	M	3.57						RWEBI
1	SPL	PL	2883* 9	620		3.57	E	1.79	M	3.57						RWEBO
192		TCB	M 22* 75			0.97	I	0.17	K	0.81						RWEB
32		HTB	M 22* 80			0.21	I	0.08	K	0.13						RWEB
1	FILL	PL	2883* 2.3	310		1.79	M	1.79								
10	SPL	PL	100* 17	780		1.56	G	0.78	M	1.56						LRIB
50		TCB	M 22* 90			0.25	K	0.25								LRIB
							J8	E	4.29	G	4.72	I	0.55	K	2.33	
								M	22.21							

APPROACH BRIDGE GIRDER SPLICE G4 J9																
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks			
1	SPL	PL	80* 11	620		0.10	E	0.05	M	0.10						LF-UO
6	SPL	PL	190* 11	620		1.41	G	0.71	M	1.41						LF-UI
1	SPL	PL	80* 11	620		0.10	E	0.05	M	0.10						LF-UO
1	SPL	PL	1730* 9	620		2.15	E	1.07	M	2.15						LF-L
104		TCB	M 22* 80			0.53	I	0.12	K	0.41						LFLG
8		HTB	M 22* 85			0.05	I	0.05								LFLG
1	FILL	PL	1730* 10	310		1.07	M	1.07								
1	SPL	PL	2594* 10	920		4.77	E	2.39	M	4.77						LWEBO
1	SPL	PL	2594* 10	920		4.77	G	2.39	M	4.77						LWEBI
300		TCB	M 22* 75			1.52	I	0.26	K	1.26						LWEB
1	SPL	PL	2883* 10	920		5.30	G	2.65	M	5.30						RWEBI
1	SPL	PL	2883* 10	920		5.30	E	2.65	M	5.30						RWEBO
288		TCB	M 22* 75			1.46	I	0.25	K	1.21						RWEB
48		HTB	M 22* 80			0.32	I	0.12	K	0.20						RWEB
10	SPL	PL	100* 15	930		1.86	G	0.93	M	1.86						LRIB
60		TCB	M 22* 90			0.30	K	0.30								LRIB
10	FILL	PL	100* 2.3	455		0.91	M	0.91								
							J9	E	6.21	G	6.68	I	0.80	K	3.38	
								M	27.74							

APPROACH BRIDGE GIRDER SPLICE G4 J10																
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks			
1	SPL	PL	80* 11	620		0.10	E	0.05	M	0.10						LF-UO
6	SPL	PL	190* 11	620		1.41	G	0.71	M	1.41						LF-UI
1	SPL	PL	80* 11	620		0.10	E	0.05	M	0.10						LF-UO
1	SPL	PL	1730* 9	620		2.15	E	1.07	M	2.15						LF-L
104		TCB	M 22* 80			0.53	I	0.12	K	0.41						LFLG
8		HTB	M 22* 85			0.05	I	0.05								LFLG

Caluculation of Steel Primer

(Unit: mm, m²)

1	FILL	PL	1730* 10	310		1.07	M	1.07						
1	SPL	PL	2595* 10	770		4.00	E	2.00	M	4.00			LWEBO	
1	SPL	PL	2595* 10	770		4.00	G	2.00	M	4.00			LWEBI	
250		TCB	M 22* 75			1.27	I	0.22	K	1.05			LWEB	
1	SPL	PL	2883* 10	770		4.44	G	2.22	M	4.44			RWEBI	
1	SPL	PL	2883* 10	770		4.44	E	2.22	M	4.44			RWEBO	
240		TCB	M 22* 75			1.21	I	0.21	K	1.01			RWEB	
40		HTB	M 22* 80			0.27	I	0.10	K	0.17			RWEB	
10	SPL	PL	120* 19	1060		2.54	G	1.27	M	2.54			LRIB	
90		TCB	M 22* 95			0.46	K	0.46					LRIB	
J10							E	5.39	G	6.20	I	0.70	K	3.10
							M	24.25						

APPROACH BRIDGE GIRDER SPLICE G4 J11														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	SPL	PL	80* 9	320		0.05	E	0.03	M	0.05				LF-UO
6	SPL	PL	190* 9	320		0.73	G	0.36	M	0.73				LF-UI
1	SPL	PL	80* 9	320		0.05	E	0.03	M	0.05				LF-UO
1	SPL	PL	1730* 9	320		1.11	E	0.55	M	1.11				LF-L
52		TCB	M 22* 70			0.26	I	0.06	K	0.20				LFLG
4		HTB	M 22* 75			0.03	I	0.03						LFLG
1	FILL	PL	1730* 4.5	160		0.55	M	0.55						
1	SPL	PL	2595* 9	620		3.22	E	1.61	M	3.22				LWEBO
1	SPL	PL	2595* 9	620		3.22	G	1.61	M	3.22				LWEBI
200		TCB	M 22* 75			1.01	I	0.17	K	0.84				LWEB
1	FILL	PL	2595* 2.3	310		1.61	M	1.61						
1	SPL	PL	2883* 9	620		3.57	G	1.79	M	3.57				RWEBI
1	SPL	PL	2883* 9	620		3.57	E	1.79	M	3.57				RWEBO
192		TCB	M 22* 75			0.97	I	0.17	K	0.81				RWEB
32		HTB	M 22* 80			0.21	I	0.08	K	0.13				RWEB
1	FILL	PL	2883* 2.3	310		1.79	M	1.79						
10	SPL	PL	100* 15	630		1.26	G	0.63	M	1.26				LRIB
40		TCB	M 22* 90			0.20	K	0.20						LRIB
10	FILL	PL	100* 2.3	305		0.61	M	0.61						
J11							E	4.01	G	4.39	I	0.51	K	2.18
							M	21.34						

APPROACH BRIDGE GIRDER SPLICE G4 J12														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	SPL	PL	80* 9	320		0.05	E	0.03	M	0.05				LF-UO

Caluculation of Steel Primer

(Unit: mm,m²)

6	SPL	PL	190* 9	320		0.73	G	0.36	M	0.73								LF-UI	
1	SPL	PL	80* 9	320		0.05	E	0.03	M	0.05								LF-UO	
1	SPL	PL	1730* 9	320		1.11	E	0.55	M	1.11								LF-L	
52		TCB	M 22* 65			0.26	I	0.06	K	0.20								LFLG	
4		HTB	M 22* 70			0.03	I	0.03										LFLG	
1	SPL	PL	2595* 9	620		3.22	E	1.61	M	3.22								LWEBO	
1	SPL	PL	2595* 9	620		3.22	G	1.61	M	3.22								LWEBI	
200		TCB	M 22* 70			1.01	I	0.17	K	0.84								LWEB	
1	SPL	PL	2883* 9	620		3.57	G	1.79	M	3.57								RWEBI	
1	SPL	PL	2883* 9	620		3.57	E	1.79	M	3.57								RWEBO	
192		TCB	M 22* 70			0.97	I	0.17	K	0.81								RWEB	
32		HTB	M 22* 75			0.21	I	0.08	K	0.13								RWEB	
10	SPL	PL	100* 17	630		1.26	G	0.63	M	1.26								LRIB	
40		TCB	M 22* 90			0.20	K	0.20										LRIB	
							J12	E	4.01	G	4.39	I	0.51	K	2.18				
								M	16.78										

APPROACH BRIDGE GIRDER SPLICE G4 J13																			
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area											Remarks	
1	SPL	PL	80* 9	320		0.05	E	0.03	M	0.05								LF-UO	
6	SPL	PL	190* 9	320		0.73	G	0.36	M	0.73								LF-UI	
1	SPL	PL	80* 9	320		0.05	E	0.03	M	0.05								LF-UO	
1	SPL	PL	1730* 9	320		1.11	E	0.55	M	1.11								LF-L	
52		TCB	M 22* 65			0.26	I	0.06	K	0.20								LFLG	
4		HTB	M 22* 70			0.03	I	0.03										LFLG	
1	SPL	PL	2595* 9	620		3.22	E	1.61	M	3.22								LWEBO	
1	SPL	PL	2595* 9	620		3.22	G	1.61	M	3.22								LWEBI	
200		TCB	M 22* 70			1.01	I	0.17	K	0.84								LWEB	
1	SPL	PL	2883* 9	620		3.57	G	1.79	M	3.57								RWEBI	
1	SPL	PL	2883* 9	620		3.57	E	1.79	M	3.57								RWEBO	
192		TCB	M 22* 70			0.97	I	0.17	K	0.81								RWEB	
32		HTB	M 22* 75			0.21	I	0.08	K	0.13								RWEB	
10	SPL	PL	100* 17	630		1.26	G	0.63	M	1.26								LRIB	
40		TCB	M 22* 90			0.20	K	0.20										LRIB	
							J13	E	4.01	G	4.39	I	0.51	K	2.18				
								M	16.78										

APPROACH BRIDGE GIRDER SPLICE G4 J14																		
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area											Remarks
1	SPL	PL	80* 9	320		0.05	E	0.03	M	0.05								LF-UO

Caluculation of Steel Primer

(Unit: mm,m²)

6	SPL	PL	190* 9	320		0.73	G	0.36	M	0.73					LF-UI
1	SPL	PL	80* 9	320		0.05	E	0.03	M	0.05					LF-UO
1	SPL	PL	1730* 9	320		1.11	E	0.55	M	1.11					LF-L
52		TCB	M 22* 65			0.26	I	0.06	K	0.20					LFLG
4		HTB	M 22* 70			0.03	I	0.03							LFLG
1	SPL	PL	2595* 9	620		3.22	E	1.61	M	3.22					LWEBO
1	SPL	PL	2595* 9	620		3.22	G	1.61	M	3.22					LWEBI
200		TCB	M 22* 70			1.01	I	0.17	K	0.84					LWEB
1	SPL	PL	2883* 9	620		3.57	G	1.79	M	3.57					RWEBI
1	SPL	PL	2883* 9	620		3.57	E	1.79	M	3.57					RWEBO
192		TCB	M 22* 70			0.97	I	0.17	K	0.81					RWEB
32		HTB	M 22* 75			0.21	I	0.08	K	0.13					RWEB
10	SPL	PL	100* 17	630		1.26	G	0.63	M	1.26					LRIB
40		TCB	M 22* 90			0.20	K	0.20							LRIB
J14							E	4.01	G	4.39	I	0.51	K	2.18	
							M	16.78							

APPROACH BRIDGE GIRDER SPLICE G4 J15															
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks	
1	SPL	PL	80* 9	320		0.05	E	0.03	M	0.05					LF-UO
6	SPL	PL	190* 9	320		0.73	G	0.36	M	0.73					LF-UI
1	SPL	PL	80* 9	320		0.05	E	0.03	M	0.05					LF-UO
1	SPL	PL	1730* 9	320		1.11	E	0.55	M	1.11					LF-L
52		TCB	M 22* 65			0.26	I	0.06	K	0.20					LFLG
4		HTB	M 22* 70			0.03	I	0.03							LFLG
1	SPL	PL	2595* 9	620		3.22	E	1.61	M	3.22					LWEBO
1	SPL	PL	2595* 9	620		3.22	G	1.61	M	3.22					LWEBI
200		TCB	M 22* 70			1.01	I	0.17	K	0.84					LWEB
1	SPL	PL	2883* 9	620		3.57	G	1.79	M	3.57					RWEBI
1	SPL	PL	2883* 9	620		3.57	E	1.79	M	3.57					RWEBO
192		TCB	M 22* 70			0.97	I	0.17	K	0.81					RWEB
32		HTB	M 22* 75			0.21	I	0.08	K	0.13					RWEB
10	SPL	PL	100* 17	630		1.26	G	0.63	M	1.26					LRIB
40		TCB	M 22* 90			0.20	K	0.20							LRIB
J15							E	4.01	G	4.39	I	0.51	K	2.18	
							M	16.78							

APPROACH BRIDGE GIRDER SPLICE G4 J16															
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks	
1	SPL	PL	80* 9	320		0.05	E	0.03	M	0.05					LF-UO

Caluculation of Steel Primer

(Unit: mm, m²)

6	SPL	PL	190* 9	320	0.73	G	0.36	M	0.73										LF-UI	
1	SPL	PL	80* 9	320	0.05	E	0.03	M	0.05										LF-UO	
1	SPL	PL	1730* 9	320	1.11	E	0.55	M	1.11										LF-L	
52		TCB	M 22* 70		0.26	I	0.06	K	0.20										LFLG	
4		HTB	M 22* 75		0.03	I	0.03												LFLG	
1	FILL	PL	1730* 2.3	160	0.55	M	0.55													
1	SPL	PL	2594* 9	620	3.22	E	1.61	M	3.22										LWEBO	
1	SPL	PL	2594* 9	620	3.22	G	1.61	M	3.22										LWEBI	
200		TCB	M 22* 70		1.01	I	0.17	K	0.84										LWEB	
1	SPL	PL	2884* 9	620	3.58	G	1.79	M	3.58										RWEBI	
1	SPL	PL	2884* 9	620	3.58	E	1.79	M	3.58										RWEBO	
192		TCB	M 22* 70		0.97	I	0.17	K	0.81										RWEB	
32		HTB	M 22* 75		0.21	I	0.08	K	0.13										RWEB	
10	SPL	PL	100* 17	630	1.26	G	0.63	M	1.26										LRIB	
40		TCB	M 22* 90		0.20	K	0.20												LRIB	
J16						E	4.01	G	4.39	I	0.51	K	2.18							
						M	17.35													

APPROACH BRIDGE GIRDER SPLICE G4 J17																				
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area											Remarks		
1	SPL	PL	80* 9	470	0.08	E	0.04	M	0.08										LF-UO	
6	SPL	PL	190* 9	470	1.07	G	0.54	M	1.07										LF-UI	
1	SPL	PL	80* 9	470	0.08	E	0.04	M	0.08										LF-UO	
1	SPL	PL	1730* 9	470	1.63	E	0.81	M	1.63										LF-L	
78		TCB	M 22* 80		0.39	I	0.09	K	0.30										LFLG	
6		HTB	M 22* 85		0.04	I	0.04												LFLG	
1	FILL	PL	1730* 12	235	0.81	M	0.81													
1	SPL	PL	2594* 9	620	3.22	E	1.61	M	3.22										LWEBO	
1	SPL	PL	2594* 9	620	3.22	G	1.61	M	3.22										LWEBI	
200		TCB	M 22* 70		1.01	I	0.17	K	0.84										LWEB	
1	SPL	PL	2884* 9	620	3.58	G	1.79	M	3.58										RWEBI	
1	SPL	PL	2884* 9	620	3.58	E	1.79	M	3.58										RWEBO	
192		TCB	M 22* 70		0.97	I	0.17	K	0.81										RWEB	
32		HTB	M 22* 75		0.21	I	0.08	K	0.13										RWEB	
10	SPL	PL	100* 15	780	1.56	G	0.78	M	1.56										LRIB	
50		TCB	M 22* 90		0.25	K	0.25												LRIB	
10	FILL	PL	100* 2.3	380	0.76	M	0.76													
J17						E	4.29	G	4.72	I	0.55	K	2.33							
						M	19.59													

APPROACH BRIDGE GIRDER SPLICE G4 J18

Caluculation of Steel Primer

(Unit: mm, m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
1	SPL	PL	80* 17	920		0.15	E	0.07	M	0.15			LF-UO	
6	SPL	PL	190* 17	920		2.10	G	1.05	M	2.10			LF-UI	
1	SPL	PL	80* 17	920		0.15	E	0.07	M	0.15			LF-UO	
1	SPL	PL	1730* 13	920		3.18	E	1.59	M	3.18			LF-L	
156		TCB	M 22* 110			0.79	I	0.18	K	0.61			LFLG	
12		HTB	M 22* 115			0.08	I	0.08					LFLG	
1	FILL	PL	1730* 21	460		1.59	M	1.59						
1	SPL	PL	2594* 9	770		3.99	E	2.00	M	3.99			LWEBO	
1	SPL	PL	2594* 9	770		3.99	G	2.00	M	3.99			LWEBI	
250		TCB	M 22* 75			1.27	I	0.22	K	1.05			LWEB	
1	FILL	PL	2594* 2.3	385		2.00	M	2.00						
1	SPL	PL	2884* 9	770		4.44	G	2.22	M	4.44			RWEBI	
1	SPL	PL	2884* 9	770		4.44	E	2.22	M	4.44			RWEBO	
240		TCB	M 22* 75			1.21	I	0.21	K	1.01			RWEB	
40		HTB	M 22* 80			0.27	I	0.10	K	0.17			RWEB	
1	FILL	PL	2884* 2.3	385		2.22	M	2.22						
10	SPL	PL	120* 19	1060		2.54	G	1.27	M	2.54			LRIB	
90		TCB	M 22* 95			0.46	K	0.46					LRIB	
J18							E	5.95	G	6.54	I	0.79	K	3.30
							M	30.79						

APPROACH BRIDGE GIRDER SPLICE G4 J19													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
1	SPL	PL	80* 31	1622		0.26	E	0.13	M	0.26			LF-UO
6	SPL	PL	190* 31	1622		3.70	G	1.85	M	3.70			LF-UI
1	SPL	PL	80* 31	1622		0.26	E	0.13	M	0.26			LF-UO
1	SPL	PL	1730* 23	1622		5.61	E	2.81	M	5.61			LF-L
312		TCB	M 22* 150			1.58	I	0.36	K	1.22			LFLG
24		HTB	M 22* 155			0.16	I	0.16					LFLG
1	FILL	PL	1730* 12	811		2.81	M	2.81					
1	SPL	PL	2594* 11	770		3.99	E	2.00	M	3.99			LWEBO
1	SPL	PL	2594* 11	770		3.99	G	2.00	M	3.99			LWEBI
250		TCB	M 22* 75			1.27	I	0.22	K	1.05			LWEB
1	SPL	PL	2883* 11	770		4.44	G	2.22	M	4.44			RWEBI
1	SPL	PL	2883* 11	770		4.44	E	2.22	M	4.44			RWEBO
240		TCB	M 22* 75			1.21	I	0.21	K	1.01			RWEB
40		HTB	M 22* 80			0.27	I	0.10	K	0.17			RWEB
10	SPL	PL	120* 19	1060		2.54	G	1.27	M	2.54			LRIB
90		TCB	M 22* 95			0.46	K	0.46					LRIB

Caluculation of Steel Primer

(Unit: mm, m²)

J19					E	7.29	G	7.34	I	1.05	K	3.91	
					M	32.04							

APPROACH BRIDGE GIRDER SPLICE G4 J20													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	SPL	PL	80* 29	1490		0.24	E	0.12	M	0.24			LF-UO
6	SPL	PL	190* 29	1490		3.40	G	1.70	M	3.40			LF-UI
1	SPL	PL	80* 29	1490		0.24	E	0.12	M	0.24			LF-UO
1	SPL	PL	1730* 22	1490		5.16	E	2.58	M	5.16			LF-L
286		TCB	M 22* 145			1.45	I	0.33	K	1.11			LFLG
22		HTB	M 22* 150			0.15	I	0.15					LFLG
1	FILL	PL	1730* 15	745		2.58	M	2.58					
1	SPL	PL	2594* 11	770		3.99	E	2.00	M	3.99			LWEBO
1	SPL	PL	2594* 11	770		3.99	G	2.00	M	3.99			LWEBI
250		TCB	M 22* 75			1.27	I	0.22	K	1.05			LWEB
1	SPL	PL	2883* 11	770		4.44	G	2.22	M	4.44			RWEBI
1	SPL	PL	2883* 11	770		4.44	E	2.22	M	4.44			RWEBO
240		TCB	M 22* 75			1.21	I	0.21	K	1.01			RWEB
40		HTB	M 22* 80			0.27	I	0.10	K	0.17			RWEB
10	SPL	PL	120* 19	1060		2.54	G	1.27	M	2.54			LRIB
90		TCB	M 22* 95			0.46	K	0.46					LRIB
J20					E	7.04	G	7.19	I	1.01	K	3.80	
					M	31.02							

APPROACH BRIDGE GIRDER SPLICE G4 J21													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	SPL	PL	80* 15	770		0.12	E	0.06	M	0.12			LF-UO
6	SPL	PL	190* 15	770		1.76	G	0.88	M	1.76			LF-UI
1	SPL	PL	80* 15	770		0.12	E	0.06	M	0.12			LF-UO
1	SPL	PL	1730* 11	770		2.66	E	1.33	M	2.66			LF-L
130		TCB	M 22* 105			0.66	I	0.15	K	0.51			LFLG
10		HTB	M 22* 110			0.07	I	0.07					LFLG
1	FILL	PL	1730* 21	385		1.33	M	1.33					
1	SPL	PL	2594* 9	620		3.22	E	1.61	M	3.22			LWEBO
1	SPL	PL	2594* 9	620		3.22	G	1.61	M	3.22			LWEBI
200		TCB	M 22* 75			1.01	I	0.17	K	0.84			LWEB
1	FILL	PL	2594* 2.3	310		1.61	M	1.61					
1	SPL	PL	2883* 9	620		3.57	G	1.79	M	3.57			RWEBI
1	SPL	PL	2883* 9	620		3.57	E	1.79	M	3.57			RWEBO
192		TCB	M 22* 75			0.97	I	0.17	K	0.81			RWEB
32		HTB	M 22* 80			0.21	I	0.08	K	0.13			RWEB

Caluculation of Steel Primer

(Unit: mm, m²)

1	FILL	PL	2883* 2.3	310		1.79	M	1.79						
10	SPL	PL	120* 19	960		2.30	G	1.15	M	2.30			LRIB	
70		TCB	M 22* 95			0.35	K	0.35					LRIB	
J21							E	4.85	G	5.43	I	0.64	K	2.64
							M	25.27						

APPROACH BRIDGE GIRDER SPLICE G4 J22														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	SPL	PL	80* 11	470		0.08	E	0.04	M	0.08				LF-UO
6	SPL	PL	190* 11	470		1.07	G	0.54	M	1.07				LF-UI
1	SPL	PL	80* 11	470		0.08	E	0.04	M	0.08				LF-UO
1	SPL	PL	1730* 9	470		1.63	E	0.81	M	1.63				LF-L
78		TCB	M 22* 80			0.39	I	0.09	K	0.30				LFLG
6		HTB	M 22* 85			0.04	I	0.04						LFLG
1	FILL	PL	1730* 6	235		0.81	M	0.81						
1	SPL	PL	2595* 9	620		3.22	E	1.61	M	3.22				LWEBO
1	SPL	PL	2595* 9	620		3.22	G	1.61	M	3.22				LWEBI
200		TCB	M 22* 70			1.01	I	0.17	K	0.84				LWEB
1	SPL	PL	2883* 9	620		3.57	G	1.79	M	3.57				RWEBI
1	SPL	PL	2883* 9	620		3.57	E	1.79	M	3.57				RWEBO
192		TCB	M 22* 70			0.97	I	0.17	K	0.81				RWEB
32		HTB	M 22* 80			0.21	I	0.08	K	0.13				RWEB
10	SPL	PL	100* 17	780		1.56	G	0.78	M	1.56				LRIB
50		TCB	M 22* 95			0.25	K	0.25						LRIB
10	FILL	PL	100* 2.3	380		0.76	M	0.76						
J22							E	4.29	G	4.72	I	0.55	K	2.33
							M	19.57						

APPROACH BRIDGE GIRDER SPLICE G4 J23														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	SPL	PL	80* 9	470		0.08	E	0.04	M	0.08				LF-UO
3	SPL	PL	440* 9	470		1.24	G	0.62	M	1.24				LF-UI
1	SPL	PL	80* 9	470		0.08	E	0.04	M	0.08				LF-UO
1	SPL	PL	1730* 9	470		1.63	E	0.81	M	1.63				LF-L
96		TCB	M 22* 80			0.49	I	0.11	K	0.37				LFLG
6		HTB	M 22* 85			0.04	I	0.04						LFLG
1	FILL	PL	1730* 13	235		0.81	M	0.81						
1	SPL	PL	2595* 9	620		3.22	E	1.61	M	3.22				LWEBO
1	SPL	PL	2595* 9	620		3.22	G	1.61	M	3.22				LWEBI
200		TCB	M 22* 70			1.01	I	0.17	K	0.84				LWEB

Caluculation of Steel Primer

(Unit: mm, m²)

1	SPL	PL	2882* 9	620		3.57	G	1.79	M	3.57									RWEBI
1	SPL	PL	2882* 9	620		3.57	E	1.79	M	3.57									RWEBO
192		TCB	M 22* 70			0.97	I	0.17	K	0.81									RWEB
32		HTB	M 22* 75			0.21	I	0.08	K	0.13									RWEB
4	SPL	PL	100* 17	780		0.62	G	0.31	M	0.62									LRIB
20		TCB	M 22* 95			0.10	K	0.10											LRIB
4	FILL	PL	100* 2.3	380		0.30	M	0.30											
							J23		E	4.29	G	4.33	I	0.57	K	2.25			
									M	18.34									

APPROACH BRIDGE GIRDER SPLICE G4 J24																			
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area										Remarks		
1	SPL	PL	80* 19	920		0.15	E	0.07	M	0.15									LF-UO
3	SPL	PL	440* 19	920		2.43	G	1.21	M	2.43									LF-UI
1	SPL	PL	80* 19	920		0.15	E	0.07	M	0.15									LF-UO
1	SPL	PL	1730* 16	920		3.18	E	1.59	M	3.18									LF-L
180		TCB	M 22* 100			0.91	I	0.21	K	0.70									LFLG
12		HTB	M 22* 105			0.08	I	0.08											LFLG
1	FILL	PL	1730* 2.3	460		1.59	M	1.59											
1	SPL	PL	2595* 9	620		3.22	E	1.61	M	3.22									LWEBO
1	SPL	PL	2595* 9	620		3.22	G	1.61	M	3.22									LWEBI
200		TCB	M 22* 75			1.01	I	0.17	K	0.84									LWEB
1	FILL	PL	2595* 2.3	310		1.61	M	1.61											
1	SPL	PL	2882* 9	620		3.57	G	1.79	M	3.57									RWEBI
1	SPL	PL	2882* 9	620		3.57	E	1.79	M	3.57									RWEBO
192		TCB	M 22* 75			0.97	I	0.17	K	0.81									RWEB
32		HTB	M 22* 80			0.21	I	0.08	K	0.13									RWEB
1	FILL	PL	2882* 2.3	310		1.79	M	1.79											
4	SPL	PL	120* 21	1090		1.05	G	0.52	M	1.05									LRIB
32		TCB	M 22* 100			0.16	K	0.16											LRIB
							J24		E	5.13	G	5.13	I	0.71	K	2.64			
									M	25.53									

APPROACH BRIDGE GIRDER SPLICE G4 J25																			
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area										Remarks		
1	SPL	PL	80* 21	962		0.15	E	0.08	M	0.15									LF-UO
3	SPL	PL	440* 21	962		2.54	G	1.27	M	2.54									LF-UI
1	SPL	PL	80* 21	962		0.15	E	0.08	M	0.15									LF-UO
1	SPL	PL	1730* 17	962		3.33	E	1.66	M	3.33									LF-L
212		TCB	M 22* 115			1.07	I	0.25	K	0.83									LFLG

Caluculation of Steel Primer

(Unit: mm, m²)

14		HTB	M 22* 120			0.09	I	0.09										LFLG
1	FILL	PL	1730* 9	481		1.66	M	1.66										
1	SPL	PL	2595* 10	920		4.77	E	2.39	M	4.77								LWEBO
1	SPL	PL	2595* 10	920		4.77	G	2.39	M	4.77								LWEBI
300		TCB	M 22* 75			1.52	I	0.26	K	1.26								LWEB
1	SPL	PL	2882* 10	920		5.30	G	2.65	M	5.30								RWEBI
1	SPL	PL	2882* 10	920		5.30	E	2.65	M	5.30								RWEBO
288		TCB	M 22* 75			1.46	I	0.25	K	1.21								RWEB
48		HTB	M 22* 80			0.32	I	0.12	K	0.20								RWEB
4	SPL	PL	120* 22	1170		1.12	G	0.56	M	1.12								LRIB
40		TCB	M 22* 105			0.20	K	0.20										LRIB
							J25	E	6.86	G	6.87	I	0.97	K	3.70			
								M	29.09									

APPROACH BRIDGE GIRDER SPLICE G4 J26																		
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks					
1	SPL	PL	80* 26	1226		0.20	E	0.10	M	0.20								LF-UO
3	SPL	PL	440* 26	1226		3.24	G	1.62	M	3.24								LF-UI
1	SPL	PL	80* 26	1226		0.20	E	0.10	M	0.20								LF-UO
1	SPL	PL	1730* 21	1226		4.24	E	2.12	M	4.24								LF-L
276		TCB	M 22* 125			1.40	I	0.32	K	1.08								LFLG
18		HTB	M 22* 130			0.12	I	0.12										LFLG
1	FILL	PL	1730* 4.5	613		2.12	M	2.12										
1	SPL	PL	2595* 11	920		4.77	E	2.39	M	4.77								LWEBO
1	SPL	PL	2595* 11	920		4.77	G	2.39	M	4.77								LWEBI
300		TCB	M 22* 75			1.52	I	0.26	K	1.26								LWEB
1	SPL	PL	2882* 11	920		5.30	G	2.65	M	5.30								RWEBI
1	SPL	PL	2882* 11	920		5.30	E	2.65	M	5.30								RWEBO
288		TCB	M 22* 75			1.46	I	0.25	K	1.21								RWEB
48		HTB	M 22* 80			0.32	I	0.12	K	0.20								RWEB
4	SPL	PL	120* 22	1280		1.23	G	0.61	M	1.23								LRIB
44		TCB	M 22* 105			0.22	K	0.22										LRIB
							J26	E	7.36	G	7.27	I	1.07	K	3.97			
								M	31.37									

APPROACH BRIDGE GIRDER SPLICE G4 J27																		
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks					
1	SPL	PL	80* 29	1358		0.22	E	0.11	M	0.22								LF-UO
3	SPL	PL	440* 29	1358		3.59	G	1.79	M	3.59								LF-UI
1	SPL	PL	80* 29	1358		0.22	E	0.11	M	0.22								LF-UO

Caluculation of Steel Primer

(Unit: mm, m²)

1	SPL	PL	1730* 23	1358		4.70	E	2.35	M	4.70						LF-L
308		TCB	M 22* 130			1.56	I	0.36	K	1.20						LFLG
20		HTB	M 22* 135			0.13	I	0.13								LFLG
1	SPL	PL	2595* 11	920		4.77	E	2.39	M	4.77						LWEBO
1	SPL	PL	2595* 11	920		4.77	G	2.39	M	4.77						LWEBI
300		TCB	M 22* 75			1.52	I	0.26	K	1.26						LWEB
1	SPL	PL	2882* 11	920		5.30	G	2.65	M	5.30						RWEBI
1	SPL	PL	2882* 11	920		5.30	E	2.65	M	5.30						RWEBO
288		TCB	M 22* 75			1.46	I	0.25	K	1.21						RWEB
48		HTB	M 22* 80			0.32	I	0.12	K	0.20						RWEB
4	SPL	PL	120* 22	1280		1.23	G	0.61	M	1.23						LRIB
44		TCB	M 22* 105			0.22	K	0.22								LRIB
J27							E	7.61	G	7.44	I	1.12	K	4.09		
							M	30.10								

APPROACH BRIDGE GIRDER SPLICE G4 J28																
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area									Remarks
1	SPL	PL	80* 29	1358		0.22	E	0.11	M	0.22						LF-UO
3	SPL	PL	440* 29	1358		3.59	G	1.79	M	3.59						LF-UI
1	SPL	PL	80* 29	1358		0.22	E	0.11	M	0.22						LF-UO
1	SPL	PL	1730* 23	1358		4.70	E	2.35	M	4.70						LF-L
308		TCB	M 22* 130			1.56	I	0.36	K	1.20						LFLG
20		HTB	M 22* 135			0.13	I	0.13								LFLG
1	SPL	PL	2595* 11	920		4.77	E	2.39	M	4.77						LWEBO
1	SPL	PL	2595* 11	920		4.77	G	2.39	M	4.77						LWEBI
300		TCB	M 22* 75			1.52	I	0.26	K	1.26						LWEB
1	SPL	PL	2882* 11	920		5.30	G	2.65	M	5.30						RWEBI
1	SPL	PL	2882* 11	920		5.30	E	2.65	M	5.30						RWEBO
288		TCB	M 22* 75			1.46	I	0.25	K	1.21						RWEB
48		HTB	M 22* 80			0.32	I	0.12	K	0.20						RWEB
4	SPL	PL	120* 22	1170		1.12	G	0.56	M	1.12						LRIB
40		TCB	M 22* 105			0.20	K	0.20								LRIB
J28							E	7.61	G	7.39	I	1.12	K	4.07		
							M	29.99								

APPROACH BRIDGE GIRDER SPLICE G4 J29																
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area									Remarks
1	SPL	PL	80* 25	1226		0.20	E	0.10	M	0.20						LF-UO
3	SPL	PL	440* 25	1226		3.24	G	1.62	M	3.24						LF-UI
1	SPL	PL	80* 25	1226		0.20	E	0.10	M	0.20						LF-UO

Caluculation of Steel Primer

(Unit: mm, m²)

1	SPL	PL	1730* 20	1226		4.24	E	2.12	M	4.24									LF-L
276		TCB	M 22* 125			1.40	I	0.32	K	1.08									LFLG
18		HTB	M 22* 130			0.12	I	0.12											LFLG
1	FILL	PL	1730* 6	613		2.12	M	2.12											
1	SPL	PL	2595* 10	920		4.77	E	2.39	M	4.77									LWEBO
1	SPL	PL	2595* 10	920		4.77	G	2.39	M	4.77									LWEBI
300		TCB	M 22* 75			1.52	I	0.26	K	1.26									LWEB
1	SPL	PL	2882* 10	920		5.30	G	2.65	M	5.30									RWEBI
1	SPL	PL	2882* 10	920		5.30	E	2.65	M	5.30									RWEBO
288		TCB	M 22* 75			1.46	I	0.25	K	1.21									RWEB
48		HTB	M 22* 80			0.32	I	0.12	K	0.20									RWEB
4	SPL	PL	120* 22	1280		1.23	G	0.61	M	1.23									LRIB
44		TCB	M 22* 105			0.22	K	0.22											LRIB
J29							E	7.36	G	7.27	I	1.07	K	3.97					
							M	31.37											

APPROACH BRIDGE GIRDER SPLICE G4 J30																			
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area											Remarks	
1	SPL	PL	80* 18	962		0.15	E	0.08	M	0.15									LF-UO
3	SPL	PL	440* 18	962		2.54	G	1.27	M	2.54									LF-UI
1	SPL	PL	80* 18	962		0.15	E	0.08	M	0.15									LF-UO
1	SPL	PL	1730* 15	962		3.33	E	1.66	M	3.33									LF-L
212		TCB	M 22* 105			1.07	I	0.25	K	0.83									LFLG
14		HTB	M 22* 110			0.09	I	0.09											LFLG
1	FILL	PL	1730* 10	481		1.66	M	1.66											
1	SPL	PL	2595* 10	920		4.77	E	2.39	M	4.77									LWEBO
1	SPL	PL	2595* 10	920		4.77	G	2.39	M	4.77									LWEBI
300		TCB	M 22* 75			1.52	I	0.26	K	1.26									LWEB
1	SPL	PL	2882* 10	920		5.30	G	2.65	M	5.30									RWEBI
1	SPL	PL	2882* 10	920		5.30	E	2.65	M	5.30									RWEBO
288		TCB	M 22* 75			1.46	I	0.25	K	1.21									RWEB
48		HTB	M 22* 80			0.32	I	0.12	K	0.20									RWEB
4	SPL	PL	120* 22	1280		1.23	G	0.61	M	1.23									LRIB
44		TCB	M 22* 105			0.22	K	0.22											LRIB
J30							E	6.86	G	6.92	I	0.97	K	3.72					
							M	29.20											

APPROACH BRIDGE GIRDER SPLICE G4 J31																			
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area											Remarks	
1	SPL	PL	80* 16	770		0.12	E	0.06	M	0.12									LF-UO

Caluculation of Steel Primer

(Unit: mm, m²)

3	SPL	PL	440* 16	770	2.03	G	1.02	M	2.03				LF-UI
1	SPL	PL	80* 16	770	0.12	E	0.06	M	0.12				LF-UO
1	SPL	PL	1730* 13	770	2.66	E	1.33	M	2.66				LF-L
148		TCB	M 22* 95		0.75	I	0.17	K	0.58				LFLG
10		HTB	M 22* 100		0.07	I	0.07						LFLG
1	FILL	PL	1730* 3.2	385	1.33	M	1.33						
1	SPL	PL	2595* 9	620	3.22	E	1.61	M	3.22				LWEBO
1	SPL	PL	2595* 9	620	3.22	G	1.61	M	3.22				LWEBI
200		TCB	M 22* 75		1.01	I	0.17	K	0.84				LWEB
1	FILL	PL	2595* 2.3	310	1.61	M	1.61						
1	SPL	PL	2882* 9	620	3.57	G	1.79	M	3.57				RWEBI
1	SPL	PL	2882* 9	620	3.57	E	1.79	M	3.57				RWEBO
192		TCB	M 22* 75		0.97	I	0.17	K	0.81				RWEB
32		HTB	M 22* 80		0.21	I	0.08	K	0.13				RWEB
1	FILL	PL	2882* 2.3	310	1.79	M	1.79						
4	SPL	PL	120* 21	1090	1.05	G	0.52	M	1.05				LRIB
32		TCB	M 22* 100		0.16	K	0.16						LRIB
J31						E	4.85	G	4.94	I	0.66	K	2.52
						M	24.29						

APPROACH BRIDGE GIRDER SPLICE G4 J32													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	SPL	PL	80* 9	320	0.05	E	0.03	M	0.05				LF-UO
3	SPL	PL	440* 9	320	0.84	G	0.42	M	0.84				LF-UI
1	SPL	PL	80* 9	320	0.05	E	0.03	M	0.05				LF-UO
1	SPL	PL	1730* 9	320	1.11	E	0.55	M	1.11				LF-L
64		TCB	M 22* 80		0.32	I	0.07	K	0.25				LFLG
4		HTB	M 22* 85		0.03	I	0.03						LFLG
1	FILL	PL	1730* 11	160	0.55	M	0.55						
1	SPL	PL	2595* 9	620	3.22	E	1.61	M	3.22				LWEBO
1	SPL	PL	2595* 9	620	3.22	G	1.61	M	3.22				LWEBI
200		TCB	M 22* 70		1.01	I	0.17	K	0.84				LWEB
1	SPL	PL	2882* 9	620	3.57	G	1.79	M	3.57				RWEBI
1	SPL	PL	2882* 9	620	3.57	E	1.79	M	3.57				RWEBO
192		TCB	M 22* 70		0.97	I	0.17	K	0.81				RWEB
32		HTB	M 22* 75		0.21	I	0.08	K	0.13				RWEB
4	SPL	PL	100* 17	630	0.50	G	0.25	M	0.50				LRIB
16		TCB	M 22* 95		0.08	K	0.08						LRIB
4	FILL	PL	100* 2.3	305	0.24	M	0.24						
J32						E	4.01	G	4.07	I	0.52	K	2.11
						M	16.92						

Caluculation of Steel Primer

(Unit: mm,m²)

G4	E	171.92	G	177.74	I	23.61	K	92.32
	M	759.17						
GIRDER SPLICE	E	633.82	G	672.78	I	80.77	K	346.19
	M	2805.21						
APPROACH BRIDGE	E	633.82	G	672.78	I	80.77	K	346.19
	M	2805.21						

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSS GIRDER S1 LL1-JL1													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	BR-W	PL	484* 9	1123		1.09	B	0.54	D	0.54			
1	BR-W	PL	601* 9	1113		1.34	B	1.34					
1	BR-STF	PL	90* 9	499		0.09	B	0.09					
1	BR-F	PL	230* 10	1014		0.47	B	0.47					
LL1-JL1							B	2.44	D	0.54			

APPROACH BRIDGE CROSS GIRDER S1 JL1-JL2													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	BR-W	PL	487* 9	435		0.42	B	0.21	D	0.21			
1	BR-W	PL	794* 9	890		1.41	B	1.41					
1	VSTF	PL	210* 16	1754		0.74	B	0.74					
1	BR-F	PL	230* 10	917		0.42	B	0.42					
1	FB-W	PL	484* 16	2990		2.89	C	1.45	D	1.45			
1	DIA	PL	2230* 16	2717	60	7.27	B	3.64	C	3.64			
2	D-STF	PL	496* 22	1867	50	1.85	B	1.85					
2	D-STF	PL	496* 22	1857	50	1.84	C	1.84					
2	D-FLG	PL	182* 16	1056		0.77	B	0.38	C	0.38			
1	DOUBL	PL	1000* 32	700		1.40							
2	D-FLG	PL	107* 10	976		0.42	B	0.21	C	0.21			
2	D-FLG	PL	107* 10	1056		0.45	B	0.23	C	0.23			
1	FB-W	PL	487* 9	168		0.16	C	0.08	D	0.08			
1	FB-W	PL	1733* 9	168		0.58	B	0.58					
2	FB-F	PL	107* 10	168		0.07	B	0.04	C	0.04			
1	FB-F	PL	380* 16	169		0.13	B	0.13					
JL1-JL2							B	9.84	C	7.87	D	1.74	

APPROACH BRIDGE CROSS GIRDER S1 JL2-JL3													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	WEB	PL	484* 9	1295		1.25	B	0.63	D	0.63			
1	WEB	PL	647* 9	1298		1.68	B	1.68					
JL2-JL3							B	2.31	D	0.63			

APPROACH BRIDGE CROSS GIRDER S1 JL2-JL3CG													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	WEB	PL	1097* 9	1315		2.89	B	2.89					

Caluculation of Steel Primer

(Unit: mm, m²)

1	FLG	PL	380* 16	1287		0.98	B	0.98					
2	FB-STF	PL	110* 9	437		0.19	B	0.19					
1	FB-STF	PL	130* 11	892		0.23	B	0.23					
2	FB-F	PL	107* 10	1285		0.55	B	0.55					
JL2-JL3CG							B	4.84					

APPROACH BRIDGE CROSS GIRDER S1 JL3-JL4													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	WEB	PL	487* 9	168		0.16	C	0.08	D	0.08			
1	FB-W	PL	1683* 9	169		0.57	B	0.57					
2	FB-F	PL	107* 10	169		0.07	B	0.07					
1	FB-F	PL	380* 16	169		0.13	B	0.13					
1	FB-W	PL	484* 16	2700		2.61	C	1.31	D	1.31			
1	DIA	PL	2227* 16	2960		13.18	B	6.59	C	6.59			
2	D-STF	PL	496* 19	1860	50	1.85	B	1.85					
2	D-STF	PL	496* 19	1850	50	1.84	C	1.84					
4	D-FLG	PL	182* 16	1136		1.65	B	0.83	C	0.83			
1	DOUBL	PL	1000* 32	700		1.40							
4	D-FLG	PL	107* 10	1136		0.97	B	0.49	C	0.49			
1	WEB	PL	487* 9	168		0.16	C	0.08	D	0.08			
1	FB-W	PL	1731* 9	168		0.58	B	0.58					
2	FB-F	PL	107* 10	169		0.07	B	0.07					
1	FB-F	PL	380* 16	169		0.13	B	0.13					
JL3-JL4							B	11.31	C	11.22	D	1.47	

APPROACH BRIDGE CROSS GIRDER S1 JL4-JL5													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	WEB	PL	513* 9	2935		3.01	B	1.51	D	1.51			
1	WEB	PL	681* 9	2935		4.00	B	4.00					
JL4-JL5							B	5.51	D	1.51			

APPROACH BRIDGE CROSS GIRDER S1 JL4-JL5CG													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	WEB	PL	1075* 9	2935		6.31	B	6.31					
1	FLG	PL	380* 16	2935		2.23	B	2.23					
2	FB-STF	PL	120* 10	1261		0.61	B	0.61					
1	FB-STF	PL	130* 11	917		0.24	B	0.24					
2	FB-F	PL	107* 10	2935		1.26	B	1.26					

Caluculation of Steel Primer

(Unit: mm,m²)

JL4-JL5CG										B	10.65						
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APPROACH BRIDGE CROSS GIRDER S1 JL5-JL6																	
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks				
1	WEB	PL	487* 9	169		0.16	C	0.08	D	0.08							
1	FB-W	PL	1731* 9	168		0.58	B	0.58									
2	FB-F	PL	107* 10	169		0.07	B	0.07									
1	FB-F	PL	380* 16	169		0.13	B	0.13									
1	WEB	PL	484* 16	2700		2.61	C	1.31	D	1.31							
1	DIA	PL	2227* 16	2690		11.98	B	5.99	C	5.99							
2	D-STF	PL	496* 19	1860	50	1.85	B	1.85									
2	D-STF	PL	496* 19	1850	50	1.84	C	1.84									
4	D-FLG	PL	182* 16	1136		1.65	B	0.83	C	0.83							
1	DOUBL	PL	1000* 32	700		1.40											
4	D-FLG	PL	107* 10	1136		0.97	B	0.49	C	0.49							
1	WEB	PL	483* 9	169		0.16	C	0.08	D	0.08							
1	FB-W	PL	1678* 9	169		0.57	B	0.57									
2	FB-F	PL	111* 10	169		0.08	B	0.08									
1	FB-F	PL	380* 16	169		0.13	B	0.13									
JL5-JL6										B	10.72	C	10.62	D	1.47		

APPROACH BRIDGE CROSS GIRDER S1 JL6-JL6A																	
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks				
1	WEB	PL	484* 9	1905		1.84	B	0.92	D	0.92							
1	WEB	PL	647* 9	1909		2.47	B	2.47									
JL6-JL6A										B	3.39	D	0.92				

APPROACH BRIDGE CROSS GIRDER S1 JL6A-JL6B																	
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks				
1	WEB	PL	484* 9	1925		1.86	B	0.93	D	0.93							
1	WEB	PL	647* 9	1929		2.50	B	2.50									
JL6A-JL6B										B	3.43	D	0.93				

APPROACH BRIDGE CROSS GIRDER S1 JL6B-JL6C																	
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks				
1	WEB	PL	484* 9	1295		1.25	B	0.63	D	0.63							

Caluculation of Steel Primer

(Unit: mm, m²)

1	WEB	PL	647* 9	1929		2.50	B	2.50						
JL6B-JL6C							B	3.13	D	0.63				

APPROACH BRIDGE CROSS GIRDER S1 JL6C-JL7													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	WEB	PL	484* 9	2111		2.04	B	1.02	D	1.02			
1	WEB	PL	647* 9	2114		2.74	B	2.74					
JL6C-JL7							B	3.76	D	1.02			

APPROACH BRIDGE CROSS GIRDER S1 JL6-JL7CG													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	WEB	PL	1076* 9	7864		16.92	B	16.92					
1	FLG	PL	380* 16	7844		5.96	B	5.96					
2	FB-STF	PL	120* 10	1253		0.60	B	0.60					
3	FB-STF	PL	120* 10	1561		1.12	B	1.12					
1	FB-STF	PL	130* 11	874		0.23	B	0.23					
1	FB-STF	PL	130* 11	886		0.23	B	0.23					
1	FB-STF	PL	130* 11	897		0.23	B	0.23					
1	FB-STF	PL	130* 11	909		0.24	B	0.24					
2	FB-F	PL	111* 10	7844		3.48	B	3.48					
JL6-JL7CG							B	29.01					

APPROACH BRIDGE CROSS GIRDER S1 JL7-JL8													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	WEB	PL	487* 9	168		0.16	C	0.08	D	0.08			
1	FB-W	PL	1733* 9	168		0.58	B	0.58					
1	FB-F	PL	111* 10	168		0.04	B	0.04					
1	FB-F	PL	111* 10	173		0.04	B	0.04					
1	FB-F	PL	380* 16	168		0.13	B	0.13					
1	WEB	PL	484* 16	2994		2.90	C	1.45	D	1.45			
1	DIA	PL	2230* 16	2715	60	7.27	B	3.63	C	3.63			
2	D-STF	PL	496* 22	1867	50	1.85	B	1.85					
2	D-STF	PL	496* 22	1857	50	1.84	C	1.84					
2	D-FLG	PL	182* 16	1058		0.77	B	0.39	C	0.39			
1	DOUBL	PL	1000* 32	700		1.40							
1	D-FLG	PL	107* 10	1063		0.23	B	0.11	C	0.11			
1	D-FLG	PL	107* 10	1057		0.23	B	0.11	C	0.11			
1	D-FLG	PL	107* 10	977		0.21	B	0.10	C	0.10			

Caluculation of Steel Primer

(Unit: mm,m²)

1	D-FLG	PL	107* 10	983		0.21	B	0.11	C	0.11			
1	BR-W	PL	487* 9	436		0.42	B	0.21	D	0.21			
1	BR-W	PL	794* 9	891		1.41	B	1.41					
1	VSTF	PL	210* 16	1754		0.74	B	0.74					
1	BR-F	PL	230* 10	918		0.42	B	0.42					
JL7-JL8							B	9.87	C	7.82	D	1.74	

APPROACH BRIDGE CROSS GIRDER S1 JL8-RR1													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	BR-W	PL	484* 9	1124		1.09	B	0.54	D	0.54			
1	BR-W	PL	601* 9	1114		1.34	B	1.34					
1	BR-STF	PL	90* 9	498		0.09	B	0.09					
1	BR-F	PL	230* 10	1015		0.47	B	0.47					
JL8-RR1							B	2.44	D	0.54			
S1							B	112.65	C	37.53	D	13.14	

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSS GIRDER S2 LL1-JL1													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	BR-W	PL	484* 9	1123		1.09	B	0.54	D	0.54			
1	BR-W	PL	601* 9	1113		1.34	B	1.34					
1	BR-STF	PL	90* 9	499		0.09	B	0.09					
1	BR-F	PL	230* 10	1014		0.47	B	0.47					
LL1-JL1							B	2.44	D	0.54			

APPROACH BRIDGE CROSS GIRDER S2 JL1-JL2													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	BR-W	PL	487* 9	435		0.42	B	0.21	D	0.21			
1	BR-W	PL	794* 9	890		1.41	B	1.41					
1	VSTF	PL	210* 16	1636		0.69	B	0.69					
1	BR-F	PL	230* 10	909		0.42	B	0.42					
1	FB-W	PL	484* 19	2990		2.89	C	1.45	D	1.45			
1	DIA	PL	2230* 19	2712	60	7.26	B	3.63	C	3.63			
2	D-STF	PL	469* 22	1858	50	1.74	B	1.74					
2	D-STF	PL	469* 22	1857	50	1.74	C	1.74					
2	D-FLG	PL	182* 16	1056		0.77	B	0.38	C	0.38			
1	DOUBL	PL	1000* 38	700		1.40							
2	D-FLG	PL	106* 10	976		0.41	B	0.21	C	0.21			
2	D-FLG	PL	106* 10	1056		0.45	B	0.22	C	0.22			
1	FB-W	PL	487* 9	168		0.16	C	0.08	D	0.08			
1	FB-W	PL	1733* 9	168		0.58	B	0.58					
2	FB-F	PL	110* 10	168		0.07	B	0.04	C	0.04			
1	FB-F	PL	380* 16	169		0.13	B	0.13					
JL1-JL2							B	9.66	C	7.75	D	1.74	

APPROACH BRIDGE CROSS GIRDER S2 JL2-JL3													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	WEB	PL	484* 11	1295		1.25	B	0.63	D	0.63			
1	WEB	PL	647* 11	1298		1.68	B	1.68					
JL2-JL3							B	2.31	D	0.63			

APPROACH BRIDGE CROSS GIRDER S2 JL2-JL3CG													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	WEB	PL	1097* 11	1285		2.82	B	2.82					

Caluculation of Steel Primer

(Unit: mm, m²)

1	FLG	PL	380* 16	1287		0.98	B	0.98					
2	FB-STF	PL	110* 9	437		0.19	B	0.19					
1	FB-STF	PL	130* 11	892		0.23	B	0.23					
2	FB-F	PL	110* 10	1285		0.57	B	0.57					
JL2-JL3CG							B	4.79					

APPROACH BRIDGE CROSS GIRDER S2 JL3-JL4													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	WEB	PL	487* 11	169		0.16	C	0.08	D	0.08			
1	FB-W	PL	1683* 11	169		0.57	B	0.57					
2	FB-F	PL	110* 10	169		0.07	B	0.07					
1	FB-F	PL	380* 16	168		0.13	B	0.13					
1	FB-W	PL	484* 16	2700		2.61	C	1.31	D	1.31			
1	DIA	PL	2227* 16	2960		13.18	B	6.59	C	6.59			
2	D-STF	PL	471* 19	1851	50	1.74	B	1.74					
2	D-STF	PL	471* 19	1850	50	1.74	C	1.74					
4	D-FLG	PL	182* 16	1136		1.65	B	0.83	C	0.83			
1	DOUBL	PL	1000* 32	700		1.40							
4	D-FLG	PL	107* 10	1136		0.97	B	0.49	C	0.49			
1	WEB	PL	487* 9	169		0.16	C	0.08	D	0.08			
1	FB-W	PL	1731* 9	169		0.59	B	0.59					
2	FB-F	PL	110* 10	169		0.07	B	0.07					
1	FB-F	PL	380* 16	169		0.13	B	0.13					
JL3-JL4							B	11.21	C	11.12	D	1.47	

APPROACH BRIDGE CROSS GIRDER S2 JL4-JL4A													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	WEB	PL	492* 11	2775		2.73	B	1.37	D	1.37			
1	WEB	PL	855* 11	2765		4.73	B	4.73					
JL4-JL4A							B	6.10	D	1.37			

APPROACH BRIDGE CROSS GIRDER S2 JL4A-JL5													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	WEB	PL	484* 11	2375		2.30	B	1.15	D	1.15			
1	WEB	PL	699* 11	2365		3.31	B	3.31					
JL4A-JL5							B	4.46	D	1.15			

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSS GIRDER S2 JL4-JL5CG												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	WEB	PL	1075* 11	5135		11.04	B	11.04				
1	FLG	PL	380* 16	5135		3.90	B	3.90				
2	FB-STF	PL	140* 11	2361		1.32	B	1.32				
1	FB-STF	PL	130* 11	917		0.24	B	0.24				
2	FB-F	PL	110* 10	5135		2.26	B	2.26				
JL4-JL5CG							B	18.76				

APPROACH BRIDGE CROSS GIRDER S2 JL5-JL6												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	WEB	PL	487* 11	169		0.16	C	0.08	D	0.08		
1	FB-W	PL	1731* 11	169		0.59	B	0.59				
2	FB-F	PL	110* 10	169		0.07	B	0.07				
1	FB-F	PL	380* 16	169		0.13	B	0.13				
1	WEB	PL	484* 16	2700		2.61	C	1.31	D	1.31		
1	DIA	PL	2227* 16	2690		11.98	B	5.99	C	5.99		
2	D-STF	PL	471* 19	1851	50	1.74	B	1.74				
2	D-STF	PL	471* 19	1850	50	1.74	C	1.74				
4	D-FLG	PL	182* 16	1136		1.65	B	0.83	C	0.83		
1	DOUBL	PL	1000* 32	700		1.40						
4	D-FLG	PL	107* 10	1136		0.97	B	0.49	C	0.49		
1	WEB	PL	487* 11	169		0.16	C	0.08	D	0.08		
1	FB-W	PL	1718* 11	168		0.58	B	0.58				
2	FB-F	PL	110* 10	169		0.07	B	0.07				
1	FB-F	PL	380* 16	169		0.13	B	0.13				
JL5-JL6							B	10.62	C	10.52	D	1.47

APPROACH BRIDGE CROSS GIRDER S2 JL6-JL7												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	WEB	PL	484* 11	1295		1.25	B	0.63	D	0.63		
1	WEB	PL	647* 11	1298		1.68	B	1.68				
JL6-JL7							B	2.31	D	0.63		

APPROACH BRIDGE CROSS GIRDER S2 JL6-JL7CG												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	WEB	PL	1058* 11	1306		2.76	B	2.76				

Caluculation of Steel Primer

(Unit: mm, m²)

1	FLG	PL	380* 16	1285		0.98	B	0.98					
2	FB-STF	PL	110* 9	437		0.19	B	0.19					
1	FB-STF	PL	130* 11	884		0.23	B	0.23					
2	FB-F	PL	110* 10	1285		0.57	B	0.57					
JL6-JL7CG							B	4.73					

APPROACH BRIDGE CROSS GIRDER S2 JL7-JL8													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	WEB	PL	487* 11	168		0.16	C	0.08	D	0.08			
1	FB-W	PL	1681* 11	169		0.57	B	0.57					
1	FB-F	PL	110* 10	168		0.04	B	0.04					
1	FB-F	PL	380* 16	168		0.13	B	0.13					
1	WEB	PL	484* 19	2990		2.89	C	1.45	D	1.45			
1	DIA	PL	2215* 19	2710	60	7.20	B	3.60	C	3.60			
2	D-STF	PL	469* 22	1858	50	1.74	B	1.74					
2	D-STF	PL	469* 22	1857	50	1.74	C	1.74					
2	D-FLG	PL	182* 16	1056		0.77	B	0.38	C	0.38			
1	DOUBL	PL	1000* 38	700		1.40							
2	D-FLG	PL	106* 10	1056		0.45	B	0.22	C	0.22			
2	D-FLG	PL	106* 10	972		0.41	B	0.21	C	0.21			
1	BR-W	PL	487* 9	437		0.43	B	0.21	D	0.21			
1	BR-W	PL	794* 9	894		1.42	B	1.42					
1	VSTF	PL	210* 16	1621		0.68	B	0.68					
1	BR-F	PL	230* 10	921		0.42	B	0.42					
JL7-JL8							B	9.62	C	7.68	D	1.74	

APPROACH BRIDGE CROSS GIRDER S2 JL8-RR1													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	BR-W	PL	484* 9	1123		1.09	B	0.54	D	0.54			
1	BR-W	PL	600* 9	1113		1.34	B	1.34					
1	BR-STF	PL	90* 9	498		0.09	B	0.09					
1	BR-F	PL	230* 10	1014		0.47	B	0.47					
JL8-RR1							B	2.44	D	0.54			
S2							B	89.45	C	37.07	D	11.28	

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSS GIRDER P6 LL1-JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	BR-W	PL	636* 9	1113	65	0.92	A	0.92				
1	BR-STF	PL	90* 9	509		0.09	A	0.09				
1	BR-F	PL	230* 10	1021		0.47	A	0.47				
LL1-JL1							A	1.48				

APPROACH BRIDGE CROSS GIRDER P6 JL1-JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	DIA	PL	2730* 25	2989	60	9.79	C	9.79				
1	BR-W	PL	787* 9	606	55	0.52	A	0.52				
2	D-STF	PL	533* 28	2365	50	2.52	C	2.52				
2	D-STF	PL	533* 28	2356	50	2.51	C	2.51				
2	D-STF	PL	113* 10	1053		0.48	C	0.48				
1	FB-W	PL	2233* 9	166		0.74	A	0.74				
1	FB-F	PL	250* 10	166		0.08	A	0.08				
1	DOUBL	PL	930* 50	630		1.17						
1	BR-F	PL	230* 10	633		0.29	A	0.29				
2	D-FLG	PL	103* 10	1025		0.42	C	0.42				
2	D-FLG	PL	103* 10	1053		0.43	C	0.43				
2	FB-F	PL	111* 10	166		0.07	A	0.07				
JL1-JL2							A	1.70	C	16.15		

APPROACH BRIDGE CROSS GIRDER P6 JL2-JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	WEB	PL	647* 9	1298		1.68	A	1.68				
JL2-JL3							A	1.68				

APPROACH BRIDGE CROSS GIRDER P6 JL2-JL3CG												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	WEB	PL	1597* 9	1285		4.10	A	4.10				
1	FLG	PL	250* 10	1287		0.64	A	0.64				
1	FB-STF	PL	110* 9	954		0.21	A	0.21				
2	FB-F	PL	111* 10	1285		0.57	A	0.57				
JL2-JL3CG							A	5.52				

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSS GIRDER P6 JL3-JL4														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks		
1	DIA	PL	2690* 22	2727		14.67	C	14.67						
1	FB-W	PL	2183* 9	169		0.74	A	0.74						
1	FB-W	PL	2231* 9	169		0.75	A	0.75						
1	FB-F	PL	250* 10	169		0.08	A	0.08						
1	FB-F	PL	250* 16	169		0.08	A	0.08						
2	D-STF	PL	535* 22	2358	50	2.52	C	2.52						
2	D-STF	PL	535* 22	2350	50	2.51	C	2.51						
2	D-STF	PL	114* 10	1134		0.52	C	0.52						
2	D-STF	PL	114* 16	1134		0.52	C	0.52						
1	DOUBL	PL	930* 44	630		1.17								
2	FB-F	PL	111* 10	169		0.08	A	0.08						
2	D-FLG	PL	104* 10	1134		0.47	C	0.47						
2	D-FLG	PL	104* 10	1134		0.47	C	0.47						
2	FB-F	PL	111* 10	169		0.08	A	0.08						
JL3-JL4							A	1.81	C	21.68				

APPROACH BRIDGE CROSS GIRDER P6 JL4-JL5													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks	
1	WEB	PL	677* 9	2935		3.97	A	3.97					
JL4-JL5							A	3.97					

APPROACH BRIDGE CROSS GIRDER P6 JL4-JL5CG													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks	
1	WEB	PL	1578* 9	2935		9.26	A	9.26					
1	FLG	PL	250* 16	2935		1.47	A	1.47					
1	FB-STF	PL	130* 11	1450		0.38	A	0.38					
2	FB-STF	PL	120* 10	1261		0.61	A	0.61					
2	FB-F	PL	111* 10	2935		1.30	A	1.30					
JL4-JL5CG							A	13.02					

APPROACH BRIDGE CROSS GIRDER P6 JL5-JL6												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	DIA	PL	2690* 22	2727		14.67	C	14.67				
1	FB-W	PL	2178* 9	169		0.74	A	0.74				
1	FB-W	PL	2231* 9	169		0.75	A	0.75				

Caluculation of Steel Primer

(Unit: mm, m²)

1	FB-F	PL	250* 16	169		0.08	A	0.08						
1	FB-F	PL	280* 16	169		0.09	A	0.09						
2	D-STF	PL	535* 22	2358	50	2.52	C	2.52						
2	D-STF	PL	535* 22	2350	50	2.51	C	2.51						
2	D-STF	PL	114* 16	1134		0.52	C	0.52						
2	D-STF	PL	129* 16	1134		0.59	C	0.59						
1	DOUBL	PL	930* 44	630		1.17								
2	FB-F	PL	104* 10	168		0.07	A	0.07						
4	D-FLG	PL	104* 10	1134		0.94	C	0.94						
2	FB-F	PL	111* 10	169		0.08	A	0.08						
JL5-JL6							A	1.81	C	21.75				

APPROACH BRIDGE CROSS GIRDER P6 JL6-JL6A														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	WEB	PL	647* 9	1908		2.47	A	2.47						
JL6-JL6A							A	2.47						

APPROACH BRIDGE CROSS GIRDER P6 JL6A-JL7														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	WEB	PL	647* 9	3062		3.96	A	3.96						
JL6A-JL7							A	3.96						

APPROACH BRIDGE CROSS GIRDER P6 JL6-JL7CG														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	WEB	PL	1561* 9	4980		15.55	A	15.55						
1	FLG	PL	280* 16	4950		2.77	A	2.77						
1	FB-STF	PL	130* 11	1384		0.36	A	0.36						
2	FB-STF	PL	120* 10	2268		1.09	A	1.09						
2	FB-F	PL	111* 10	4950		2.20	A	2.20						
JL6-JL7CG							A	21.97						

APPROACH BRIDGE CROSS GIRDER P6 JL7-JL8														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	DIA	PL	2729* 25	2990	60	9.79	C	9.79						
1	BR-W	PL	787* 9	609	55	0.53	A	0.53						
2	D-STF	PL	533* 28	2365	50	2.52	C	2.52						

Caluculation of Steel Primer

(Unit: mm,m²)

2	D-STF	PL	533* 28	2356	50	2.51	C	2.51							
2	D-STF	PL	128* 16	1053		0.54	C	0.54							
1	FB-W	PL	2218* 9	166		0.74	A	0.74							
1	FB-F	PL	280* 16	166		0.09	A	0.09							
1	DOUBL	PL	930* 50	630		1.17									
1	FB-F	PL	111* 10	166		0.04	A	0.04							
1	FB-F	PL	111* 10	168		0.04	A	0.04							
1	D-FLG	PL	103* 10	1056		0.22	C	0.22							
1	D-FLG	PL	103* 10	1053		0.22	C	0.22							
1	D-FLG	PL	103* 10	1252		0.26	C	0.26							
1	D-FLG	PL	103* 10	1255		0.26	C	0.26							
1	BR-F	PL	230* 10	633		0.29	A	0.29							
JL7-JL8							A	1.73	C	16.32					

APPROACH BRIDGE CROSS GIRDER P6 JL8-RR1															
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks		
1	BR-W	PL	636* 9	1113	65	0.92	A	0.92							
1	BR-STF	PL	90* 9	509		0.09	A	0.09							
1	BR-F	PL	230* 10	1022		0.47	A	0.47							
JL8-RR1							A	1.48							
P6							A	62.60	C	75.90					

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSS GIRDER P7 LL1-JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	BR-W	PL	636* 9	1113	65	0.92	A	0.92				
1	BR-STF	PL	90* 9	509		0.09	A	0.09				
1	BR-F	PL	230* 10	1021		0.47	A	0.47				
LL1-JL1							A	1.48				

APPROACH BRIDGE CROSS GIRDER P7 JL1-JL2													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks	
1	DIA	PL	2730* 25	2989	60	9.79	C	9.79					
1	BR-W	PL	787* 9	606	55	0.52	A	0.52					
2	D-STF	PL	533* 28	2365	50	2.52	C	2.52					
2	D-STF	PL	533* 28	2356	50	2.51	C	2.51					
2	D-STF	PL	113* 10	1053		0.48	C	0.48					
1	FB-W	PL	2233* 9	166		0.74	A	0.74					
1	FB-F	PL	250* 10	166		0.08	A	0.08					
1	DOUBL	PL	930* 50	630		1.17							
1	BR-F	PL	230* 10	630		0.29	A	0.29					
2	D-FLG	PL	103* 10	1254		0.52	C	0.52					
2	D-FLG	PL	103* 10	1053		0.43	C	0.43					
2	FB-F	PL	111* 10	166		0.07	A	0.07					
JL1-JL2							A	1.70	C	16.25			

APPROACH BRIDGE CROSS GIRDER P7 JL2-JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	WEB	PL	647* 9	1298		1.68	A	1.68				
JL2-JL3							A	1.68				

APPROACH BRIDGE CROSS GIRDER P7 JL2-JL3CG												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	WEB	PL	1597* 9	1285		4.10	A	4.10				
1	FLG	PL	250* 10	1287		0.64	A	0.64				
1	FB-STF	PL	110* 9	954		0.21	A	0.21				
2	FB-F	PL	111* 10	1285		0.57	A	0.57				
JL2-JL3CG							A	5.52				

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSS GIRDER P7 JL3-JL4													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks	
1	DIA	PL	2690* 22	2727		14.67	C	14.67					
1	FB-W	PL	2183* 9	169		0.74	A	0.74					
1	FB-W	PL	2231* 9	169		0.75	A	0.75					
1	FB-F	PL	250* 10	169		0.08	A	0.08					
1	FB-F	PL	250* 16	169		0.08	A	0.08					
2	D-STF	PL	535* 22	2358	50	2.52	C	2.52					
2	D-STF	PL	535* 22	2350	50	2.51	C	2.51					
2	D-STF	PL	114* 10	1134		0.52	C	0.52					
2	D-STF	PL	114* 16	1134		0.52	C	0.52					
1	DOUBL	PL	930* 44	630		1.17							
2	FB-F	PL	111* 10	169		0.08	A	0.08					
2	D-FLG	PL	104* 10	1134		0.47	C	0.47					
2	D-FLG	PL	104* 10	1134		0.47	C	0.47					
2	FB-F	PL	111* 10	169		0.08	A	0.08					
JL3-JL4							A	1.81	C	21.68			

APPROACH BRIDGE CROSS GIRDER P7 JL4-JL5												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	WEB	PL	677* 9	2935		3.97	A	3.97				
JL4-JL5							A	3.97				

APPROACH BRIDGE CROSS GIRDER P7 JL4-JL5CG												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	WEB	PL	1578* 9	2935		9.26	A	9.26				
1	FLG	PL	250* 16	2935		1.47	A	1.47				
1	FB-STF	PL	130* 11	1450		0.38	A	0.38				
2	FB-STF	PL	120* 10	1261		0.61	A	0.61				
2	FB-F	PL	111* 10	2935		1.30	A	1.30				
JL4-JL5CG							A	13.02				

APPROACH BRIDGE CROSS GIRDER P7 JL5-JL6												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	DIA	PL	2690* 22	2727		14.67	C	14.67				
1	FB-W	PL	2179* 9	169		0.74	A	0.74				
1	FB-W	PL	2231* 9	169		0.75	A	0.75				

Caluculation of Steel Primer

(Unit: mm, m²)

1	FB-F	PL	250* 16	169		0.08	A	0.08						
1	FB-F	PL	250* 16	169		0.08	A	0.08						
2	D-STF	PL	535* 22	2358	50	2.52	C	2.52						
2	D-STF	PL	535* 22	2350	50	2.51	C	2.51						
2	D-STF	PL	114* 16	1134		0.52	C	0.52						
2	D-STF	PL	129* 16	1134		0.59	C	0.59						
1	DOUBL	PL	930* 44	630		1.17								
2	FB-F	PL	111* 10	169		0.08	A	0.08						
2	D-FLG	PL	104* 10	1134		0.47	C	0.47						
2	D-FLG	PL	104* 10	1134		0.47	C	0.47						
2	FB-F	PL	111* 10	169		0.08	A	0.08						
JL5-JL6							A	1.81	C	21.75				

APPROACH BRIDGE CROSS GIRDER P7 JL6-JL7														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	WEB	PL	647* 9	2372		3.07	A	3.07						
JL6-JL7							A	3.07						

APPROACH BRIDGE CROSS GIRDER P7 JL6-JL7CG														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	WEB	PL	1607* 9	2358		7.58	A	7.58						
1	FLG	PL	280* 16	2360		1.32	A	1.32						
1	FB-STF	PL	130* 11	1384		0.36	A	0.36						
2	FB-STF	PL	110* 9	973		0.43	A	0.43						
2	FB-F	PL	111* 10	2358		1.05	A	1.05						
JL6-JL7CG							A	10.74						

APPROACH BRIDGE CROSS GIRDER P7 JL7-JL8														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	DIA	PL	2729* 25	2997	60	9.81	C	9.81						
1	BR-W	PL	787* 9	607	55	0.53	A	0.53						
2	D-STF	PL	533* 28	2365	50	2.52	C	2.52						
2	D-STF	PL	533* 28	2356	50	2.51	C	2.51						
2	D-STF	PL	128* 16	1057		0.54	C	0.54						
1	FB-W	PL	2218* 9	166		0.74	A	0.74						
1	FB-F	PL	280* 16	166		0.09	A	0.09						
1	DOUBL	PL	930* 50	630		1.17								
1	FB-F	PL	111* 10	163		0.04	A	0.04						

Caluculation of Steel Primer

(Unit: mm,m²)

1	FB-F	PL	111* 10	172		0.04	A	0.04						
1	D-FLG	PL	103* 10	1063		0.22	C	0.22						
1	D-FLG	PL	103* 10	1055		0.22	C	0.22						
1	D-FLG	PL	103* 10	1254		0.26	C	0.26						
1	D-FLG	PL	103* 10	1263		0.26	C	0.26						
1	BR-F	PL	230* 10	634		0.29	A	0.29						
JL7-JL8							A	1.73	C	16.34				

APPROACH BRIDGE CROSS GIRDER P7 JL8-RR1														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	BR-W	PL	636* 9	1116	65	0.92	A	0.92						
1	BR-STF	PL	90* 9	509		0.09	A	0.09						
1	BR-F	PL	230* 10	1024		0.47	A	0.47						
JL8-RR1							A	1.48						
P7							A	48.01	C	76.02				
CROSS GIRDER							A	110.61	B	202.10	C	226.52	D	24.42
APPROACH BRIDGE							A	110.61	B	202.10	C	226.52	D	24.42

Caluculation of Steel Primer

(Unit: mm, m²)

APPROACH BRIDGE CROSS GIRDER SPLICE S1 JL1														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
2	SPL	PL	367* 9	165		0.24	F	0.06	G	0.06	M	0.24		DECK
8		TCB	M 22* 65			0.04	J	0.03	L	0.01				DECK
2	SPL	PL	516* 9	297		0.61	F	0.31	M	0.61				BR-W
21		TCB	M 22* 65			0.11	J	0.11						BR-W
2	SPL	PL	80* 9	297		0.10	F	0.05	M	0.10				BR-F
1	SPL	PL	220* 9	297		0.13	F	0.07	M	0.13				BR-F
8		TCB	M 22* 65			0.04	J	0.04						BR-F
JL1							F	0.49	G	0.06	J	0.18	L	0.01
							M	1.08						

APPROACH BRIDGE CROSS GIRDER SPLICE S1 JL2														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
2	SPL	PL	367* 9	165		0.24	F	0.06	G	0.06	M	0.24		DECK
8		TCB	M 22* 65			0.04	J	0.03	L	0.01				DECK
2	SPL	PL	686* 9	297		0.81	F	0.41	M	0.81				WEB
25		TCB	M 22* 65			0.13	J	0.13						WEB
2	SPL	PL	805* 9	297		0.96	F	0.48	M	0.96				WEB
36		TCB	M 22* 65			0.18	J	0.18						WEB
4	SPL	PL	80* 9	297		0.19	F	0.10	M	0.19				FB-F
8		TCB	M 22* 65			0.04	J	0.04						FB-F
2	SPL	PL	155* 11	297		0.18	F	0.09	M	0.18				FLG
1	SPL	PL	370* 9	297		0.22	F	0.11	M	0.22				FLG
8		TCB	M 22* 75			0.04	J	0.04						FLG
JL2							F	1.25	G	0.06	J	0.42	L	0.01
							M	2.60						

APPROACH BRIDGE CROSS GIRDER SPLICE S1 HL1HS														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
2	SPL	PL	180* 9	957		0.69	F	0.34	M	0.69				WEB
20		TCB	M 22* 65			0.10	J	0.10						WEB
HL1HS							F	0.34	J	0.10	M	0.69		

APPROACH BRIDGE CROSS GIRDER SPLICE S1 JL3														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
2	SPL	PL	367* 9	165		0.24	F	0.06	G	0.06	M	0.24		DECK

Caluculation of Steel Primer

(Unit: mm, m²)

8		TCB	M 22* 65			0.04	J	0.03	L	0.01							DECK
2	SPL	PL	687* 9	297		0.82	F	0.41	M	0.82							WEB
25		TCB	M 22* 65			0.13	J	0.13									WEB
2	SPL	PL	760* 9	297		0.90	F	0.45	M	0.90							WEB
36		TCB	M 22* 65			0.18	J	0.18									WEB
4	SPL	PL	80* 9	297		0.19	F	0.10	M	0.19							FB-F
8		TCB	M 22* 65			0.04	J	0.04									FB-F
2	SPL	PL	155* 11	297		0.18	F	0.09	M	0.18							FLG
1	SPL	PL	370* 9	297		0.22	F	0.11	M	0.22							FLG
8		TCB	M 22* 75			0.04	J	0.04									FLG
							JL3	F	1.22	G	0.06	J	0.42	L	0.01		
								M	2.55								

APPROACH BRIDGE CROSS GIRDER SPLICE S1 JL4																	
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks				
2	SPL	PL	367* 9	165		0.24	F	0.06	G	0.06	M	0.24					DECK
8		TCB	M 22* 65			0.04	J	0.03	L	0.01							DECK
2	SPL	PL	687* 9	297		0.82	F	0.41	M	0.82							WEB
25		TCB	M 22* 65			0.13	J	0.13									WEB
2	SPL	PL	797* 9	297		0.95	F	0.47	M	0.95							WEB
36		TCB	M 22* 65			0.18	J	0.18									WEB
4	SPL	PL	80* 9	297		0.19	F	0.10	M	0.19							FB-F
8		TCB	M 22* 65			0.04	J	0.04									FB-F
2	SPL	PL	155* 11	297		0.18	F	0.09	M	0.18							FLG
1	SPL	PL	370* 9	297		0.22	F	0.11	M	0.22							FLG
8		TCB	M 22* 75			0.04	J	0.04									FLG
							JL4	F	1.24	G	0.06	J	0.42	L	0.01		
								M	2.60								

APPROACH BRIDGE CROSS GIRDER SPLICE S1 HL2HS																	
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks				
2	SPL	PL	180* 9	2603		1.87	F	0.94	M	1.87							WEB
50		TCB	M 22* 65			0.25	J	0.25									WEB
							HL2HS	F	0.94	J	0.25	M	1.87				

APPROACH BRIDGE CROSS GIRDER SPLICE S1 JL5																	
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks				
2	SPL	PL	367* 9	165		0.24	F	0.06	G	0.06	M	0.24					DECK

Caluculation of Steel Primer

(Unit: mm, m²)

8		TCB	M 22* 65			0.04	J	0.03	L	0.01							DECK
2	SPL	PL	686* 9	297		0.81	F	0.41	M	0.81							WEB
25		TCB	M 22* 65			0.13	J	0.13									WEB
2	SPL	PL	797* 9	297		0.95	F	0.47	M	0.95							WEB
36		TCB	M 22* 65			0.18	J	0.18									WEB
4	SPL	PL	80* 9	297		0.19	F	0.10	M	0.19							FB-F
8		TCB	M 22* 65			0.04	J	0.04									FB-F
2	SPL	PL	155* 11	297		0.18	F	0.09	M	0.18							FLG
1	SPL	PL	370* 9	297		0.22	F	0.11	M	0.22							FLG
8		TCB	M 22* 75			0.04	J	0.04									FLG
JL5							F	1.24	G	0.06	J	0.42	L	0.01			
							M	2.59									

APPROACH BRIDGE CROSS GIRDER SPLICE S1 JL6																	
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks				
2	SPL	PL	367* 9	165		0.24	F	0.06	G	0.06	M	0.24					DECK
8		TCB	M 22* 65			0.04	J	0.03	L	0.01							DECK
2	SPL	PL	686* 9	297		0.81	F	0.41	M	0.81							WEB
25		TCB	M 22* 65			0.13	J	0.13									WEB
2	SPL	PL	760* 9	297		0.90	F	0.45	M	0.90							WEB
36		TCB	M 22* 65			0.18	J	0.18									WEB
4	SPL	PL	80* 9	297		0.19	F	0.10	M	0.19							FB-F
8		TCB	M 22* 65			0.04	J	0.04									FB-F
2	SPL	PL	155* 11	297		0.18	F	0.09	M	0.18							FLG
1	SPL	PL	370* 9	297		0.22	F	0.11	M	0.22							FLG
8		TCB	M 22* 75			0.04	J	0.04									FLG
JL6							F	1.22	G	0.06	J	0.42	L	0.01			
							M	2.54									

APPROACH BRIDGE CROSS GIRDER SPLICE S1 JL6A																	
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks				
2	SPL	PL	367* 9	165		0.24	F	0.06	G	0.06	M	0.24					DECK
8		TCB	M 22* 65			0.04	J	0.03	L	0.01							DECK
2	SPL	PL	685* 9	297		0.81	F	0.41	M	0.81							WEB
22		TCB	M 22* 65			0.11	J	0.11									WEB
JL6A							F	0.47	G	0.06	J	0.14	L	0.01			
							M	1.05									

APPROACH BRIDGE CROSS GIRDER SPLICE S1 JL6B																	
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Caluculation of Steel Primer

(Unit: mm, m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
2	SPL	PL	367* 9	165		0.24	F	0.06	G	0.06	M	0.24		DECK
8		TCB	M 22* 65			0.04	J	0.03	L	0.01				DECK
2	SPL	PL	685* 9	297		0.81	F	0.41	M	0.81				WEB
22		TCB	M 22* 65			0.11	J	0.11						WEB
JL6B							F	0.47	G	0.06	J	0.14	L	0.01
							M	1.05						

APPROACH BRIDGE CROSS GIRDER SPLICE S1 JL6C														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
2	SPL	PL	367* 9	165		0.24	F	0.06	G	0.06	M	0.24		DECK
8		TCB	M 22* 65			0.04	J	0.03	L	0.01				DECK
2	SPL	PL	685* 9	297		0.81	F	0.41	M	0.81				WEB
22		TCB	M 22* 65			0.11	J	0.11						WEB
JL6C							F	0.47	G	0.06	J	0.14	L	0.01
							M	1.05						

APPROACH BRIDGE CROSS GIRDER SPLICE S1 HL3HS														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
2	SPL	PL	180* 9	1567		1.13	F	0.56	M	1.13				WEB
30		TCB	M 22* 65			0.15	J	0.15						WEB
2	SPL	PL	180* 9	1587		1.14	F	0.57	M	1.14				WEB
30		TCB	M 22* 65			0.15	J	0.15						WEB
2	SPL	PL	180* 9	1587		1.14	F	0.57	M	1.14				WEB
30		TCB	M 22* 65			0.15	J	0.15						WEB
2	SPL	PL	180* 9	1773		1.28	F	0.64	M	1.28				WEB
34		TCB	M 22* 65			0.17	J	0.17						WEB
HL3HS							F	2.34	J	0.62	M	4.69		

APPROACH BRIDGE CROSS GIRDER SPLICE S1 JL7														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
2	SPL	PL	367* 9	165		0.24	F	0.06	G	0.06	M	0.24		DECK
8		TCB	M 22* 65			0.04	J	0.03	L	0.01				DECK
2	SPL	PL	685* 9	297		0.81	F	0.41	M	0.81				WEB
25		TCB	M 22* 65			0.13	J	0.13						WEB
2	SPL	PL	806* 9	297		0.96	F	0.48	M	0.96				WEB
36		TCB	M 22* 65			0.18	J	0.18						WEB

Caluculation of Steel Primer

(Unit: mm, m²)

4	SPL	PL	80* 9	297		0.19	F	0.10	M	0.19					FB-F
8		TCB	M 22* 65			0.04	J	0.04							FB-F
2	SPL	PL	155* 11	297		0.18	F	0.09	M	0.18					FLG
1	SPL	PL	370* 9	297		0.22	F	0.11	M	0.22					FLG
8		TCB	M 22* 75			0.04	J	0.04							FLG
							JL7	F	1.25	G	0.06	J	0.42	L	0.01
								M	2.60						

APPROACH BRIDGE CROSS GIRDER SPLICE S1 JL8															
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area								Remarks
2	SPL	PL	367* 9	165		0.24	F	0.06	G	0.06	M	0.24			DECK
8		TCB	M 22* 65			0.04	J	0.03	L	0.01					DECK
2	SPL	PL	516* 9	297		0.61	F	0.31	M	0.61					BR-W
21		TCB	M 22* 65			0.11	J	0.11							BR-W
2	SPL	PL	80* 9	297		0.10	F	0.05	M	0.10					BR-F
1	SPL	PL	220* 9	297		0.13	F	0.07	M	0.13					BR-F
8		TCB	M 22* 65			0.04	J	0.04							BR-F
							JL8	F	0.49	G	0.06	J	0.18	L	0.01
								M	1.08						
							S1	F	13.43	G	0.66	J	4.27	L	0.11
								M	28.04						

Caluculation of Steel Primer

(Unit: mm, m²)

APPROACH BRIDGE CROSS GIRDER SPLICE S2 JL1														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
2	SPL	PL	367* 9	165		0.24	F	0.06	G	0.06	M	0.24		DECK
8		TCB	M 22* 65			0.04	J	0.03	L	0.01				DECK
2	SPL	PL	516* 9	297		0.61	F	0.31	M	0.61				BR-W
21		TCB	M 22* 65			0.11	J	0.11						BR-W
2	SPL	PL	80* 9	297		0.10	F	0.05	M	0.10				BR-F
1	SPL	PL	220* 9	297		0.13	F	0.07	M	0.13				BR-F
8		TCB	M 22* 65			0.04	J	0.04						BR-F
JL1							F	0.49	G	0.06	J	0.18	L	0.01
							M	1.08						

APPROACH BRIDGE CROSS GIRDER SPLICE S2 JL2														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
2	SPL	PL	367* 9	165		0.24	F	0.06	G	0.06	M	0.24		DECK
8		TCB	M 22* 65			0.04	J	0.03	L	0.01				DECK
2	SPL	PL	685* 9	297		0.81	F	0.41	M	0.81				WEB
25		TCB	M 22* 65			0.13	J	0.13						WEB
2	SPL	PL	805* 9	297		0.96	F	0.48	M	0.96				WEB
36		TCB	M 22* 65			0.18	J	0.18						WEB
4	SPL	PL	80* 9	297		0.19	F	0.10	M	0.19				FB-F
8		TCB	M 22* 65			0.04	J	0.04						FB-F
2	SPL	PL	155* 11	297		0.18	F	0.09	M	0.18				FLG
1	SPL	PL	370* 9	297		0.22	F	0.11	M	0.22				FLG
8		TCB	M 22* 75			0.04	J	0.04						FLG
JL2							F	1.25	G	0.06	J	0.42	L	0.01
							M	2.60						

APPROACH BRIDGE CROSS GIRDER SPLICE S2 HL1HS														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
2	SPL	PL	180* 9	957		0.69	F	0.34	M	0.69				WEB
20		TCB	M 22* 65			0.10	J	0.10						WEB
HL1HS							F	0.34	J	0.10	M	0.69		

APPROACH BRIDGE CROSS GIRDER SPLICE S2 JL3														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
2	SPL	PL	367* 9	165		0.24	F	0.06	G	0.06	M	0.24		DECK

Caluculation of Steel Primer

(Unit: mm, m²)

8		TCB	M 22* 65			0.04	J	0.03	L	0.01							DECK
2	SPL	PL	686* 9	297		0.81	F	0.41	M	0.81							WEB
25		TCB	M 22* 65			0.13	J	0.13									WEB
2	SPL	PL	760* 9	297		0.90	F	0.45	M	0.90							WEB
36		TCB	M 22* 65			0.18	J	0.18									WEB
4	SPL	PL	80* 9	297		0.19	F	0.10	M	0.19							FB-F
8		TCB	M 22* 65			0.04	J	0.04									FB-F
2	SPL	PL	155* 11	297		0.18	F	0.09	M	0.18							FLG
1	SPL	PL	370* 9	297		0.22	F	0.11	M	0.22							FLG
8		TCB	M 22* 75			0.04	J	0.04									FLG
JL3							F	1.22	G	0.06	J	0.42	L	0.01			
							M	2.54									

APPROACH BRIDGE CROSS GIRDER SPLICE S2 JL4																	
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks				
2	SPL	PL	367* 9	165		0.24	F	0.06	G	0.06	M	0.24					DECK
8		TCB	M 22* 65			0.04	J	0.03	L	0.01							DECK
2	SPL	PL	685* 9	297		0.81	F	0.41	M	0.81							WEB
25		TCB	M 22* 65			0.13	J	0.13									WEB
2	SPL	PL	797* 9	297		0.95	F	0.47	M	0.95							WEB
36		TCB	M 22* 65			0.18	J	0.18									WEB
4	SPL	PL	80* 9	297		0.19	F	0.10	M	0.19							FB-F
8		TCB	M 22* 65			0.04	J	0.04									FB-F
2	SPL	PL	155* 11	297		0.18	F	0.09	M	0.18							FLG
1	SPL	PL	370* 9	297		0.22	F	0.11	M	0.22							FLG
8		TCB	M 22* 75			0.04	J	0.04									FLG
JL4							F	1.24	G	0.06	J	0.42	L	0.01			
							M	2.59									

APPROACH BRIDGE CROSS GIRDER SPLICE S2 JL4A																	
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks				
2	SPL	PL	367* 9	165		0.24	F	0.06	G	0.06	M	0.24					DECK
8		TCB	M 22* 65			0.04	J	0.03	L	0.01							DECK
2	SPL	PL	733* 9	297		0.87	F	0.44	M	0.87							WEB
22		TCB	M 22* 65			0.11	J	0.11									WEB
JL4A							F	0.50	G	0.06	J	0.14	L	0.01			
							M	1.11									

APPROACH BRIDGE CROSS GIRDER SPLICE S2 HL2HS																	
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Caluculation of Steel Primer

(Unit: mm, m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
2	SPL	PL	180* 9	2433		1.75	F	0.88	M	1.75				WEB
48		TCB	M 22* 65			0.24	J	0.24						WEB
2	SPL	PL	180* 9	2033		1.46	F	0.73	M	1.46				WEB
40		TCB	M 22* 65			0.20	J	0.20						WEB
HL2HS							F	1.61	J	0.44	M	3.21		

APPROACH BRIDGE CROSS GIRDER SPLICE S2 JL5														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
2	SPL	PL	367* 9	165		0.24	F	0.06	G	0.06	M	0.24		DECK
8		TCB	M 22* 65			0.04	J	0.03	L	0.01				DECK
2	SPL	PL	685* 9	297		0.81	F	0.41	M	0.81				WEB
25		TCB	M 22* 65			0.13	J	0.13						WEB
2	SPL	PL	797* 9	297		0.95	F	0.47	M	0.95				WEB
36		TCB	M 22* 65			0.18	J	0.18						WEB
4	SPL	PL	80* 9	297		0.19	F	0.10	M	0.19				FB-F
8		TCB	M 22* 65			0.04	J	0.04						FB-F
2	SPL	PL	155* 11	297		0.18	F	0.09	M	0.18				FLG
1	SPL	PL	370* 9	297		0.22	F	0.11	M	0.22				FLG
8		TCB	M 22* 75			0.04	J	0.04						FLG
JL5							F	1.24	G	0.06	J	0.42	L	0.01
							M	2.59						

APPROACH BRIDGE CROSS GIRDER SPLICE S2 JL6														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
2	SPL	PL	367* 9	165		0.24	F	0.06	G	0.06	M	0.24		DECK
8		TCB	M 22* 65			0.04	J	0.03	L	0.01				DECK
2	SPL	PL	686* 9	297		0.81	F	0.41	M	0.81				WEB
25		TCB	M 22* 65			0.13	J	0.13						WEB
2	SPL	PL	757* 9	297		0.90	F	0.45	M	0.90				WEB
36		TCB	M 22* 65			0.18	J	0.18						WEB
4	SPL	PL	80* 9	297		0.19	F	0.10	M	0.19				FB-F
8		TCB	M 22* 65			0.04	J	0.04						FB-F
2	SPL	PL	155* 11	297		0.18	F	0.09	M	0.18				FLG
1	SPL	PL	370* 9	297		0.22	F	0.11	M	0.22				FLG
8		TCB	M 22* 75			0.04	J	0.04						FLG
JL6							F	1.22	G	0.06	J	0.42	L	0.01
							M	2.54						

APPROACH BRIDGE CROSS GIRDER SPLICE S2 HL3HS														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
2	SPL	PL	180* 9	957		0.69	F	0.34	M	0.69				WEB
20		TCB	M 22* 65			0.10	J	0.10						WEB
HL3HS							F	0.34	J	0.10	M	0.69		

APPROACH BRIDGE CROSS GIRDER SPLICE S2 JL7														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
2	SPL	PL	367* 9	165		0.24	F	0.06	G	0.06	M	0.24		DECK
8		TCB	M 22* 65			0.04	J	0.03	L	0.01				DECK
2	SPL	PL	680* 9	297		0.81	F	0.40	M	0.81				WEB
25		TCB	M 22* 65			0.13	J	0.13						WEB
2	SPL	PL	784* 9	297		0.93	F	0.47	M	0.93				WEB
36		TCB	M 22* 65			0.18	J	0.18						WEB
4	SPL	PL	80* 9	297		0.19	F	0.10	M	0.19				FB-F
8		TCB	M 22* 65			0.04	J	0.04						FB-F
2	SPL	PL	155* 11	297		0.18	F	0.09	M	0.18				FLG
1	SPL	PL	370* 9	297		0.22	F	0.11	M	0.22				FLG
8		TCB	M 22* 75			0.04	J	0.04						FLG
JL7							F	1.23	G	0.06	J	0.42	L	0.01
							M	2.57						

APPROACH BRIDGE CROSS GIRDER SPLICE S2 JL8														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
2	SPL	PL	367* 9	165		0.24	F	0.06	G	0.06	M	0.24		DECK
8		TCB	M 22* 65			0.04	J	0.03	L	0.01				DECK
2	SPL	PL	516* 9	297		0.61	F	0.31	M	0.61				BR-W
21		TCB	M 22* 65			0.11	J	0.11						BR-W
2	SPL	PL	80* 9	297		0.10	F	0.05	M	0.10				BR-F
1	SPL	PL	220* 9	297		0.13	F	0.07	M	0.13				BR-F
8		TCB	M 22* 65			0.04	J	0.04						BR-F
JL8							F	0.49	G	0.06	J	0.18	L	0.01
							M	1.08						
S2							F	11.17	G	0.54	J	3.66	L	0.09
							M	23.29						

Caluculation of Steel Primer

(Unit: mm, m²)

APPROACH BRIDGE CROSS GIRDER SPLICE P6 JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	SPL	PL	556* 9	297		0.66	E	0.33	M	0.66		BR-W
21		TCB	M 22* 65			0.11	I	0.11				BR-W
2	SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		BR-F
1	SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		BR-F
8		TCB	M 22* 65			0.04	I	0.04				BR-F
JL1							E	0.45	I	0.15	M	0.89

APPROACH BRIDGE CROSS GIRDER SPLICE P6 JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	SPL	PL	685* 9	297		0.81	E	0.41	M	0.81		WEB
26		TCB	M 22* 65			0.13	I	0.13				WEB
2	SPL	PL	1305* 9	297		1.55	E	0.78	M	1.55		WEB
48		TCB	M 22* 65			0.24	I	0.24				WEB
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14		FLG
2	SPL	PL	100* 9	297		0.12	E	0.06	M	0.12		FLG
8		TCB	M 22* 65			0.04	I	0.04				FLG
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19		FB-F
8		TCB	M 22* 65			0.04	I	0.04				FB-F
JL2							E	1.42	I	0.45	M	2.81

APPROACH BRIDGE CROSS GIRDER SPLICE P6 HL1HS												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	SPL	PL	180* 9	957		0.69	E	0.34	M	0.69		WEB
20		TCB	M 22* 65			0.10	I	0.10				WEB
HL1HS							E	0.34	I	0.10	M	0.69

APPROACH BRIDGE CROSS GIRDER SPLICE P6 JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	SPL	PL	685* 9	297		0.81	E	0.41	M	0.81		WEB
26		TCB	M 22* 65			0.13	I	0.13				WEB
2	SPL	PL	1260* 9	297		1.50	E	0.75	M	1.50		WEB
48		TCB	M 22* 65			0.24	I	0.24				WEB
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14		FLG
2	SPL	PL	100* 9	297		0.12	E	0.06	M	0.12		FLG
8		TCB	M 22* 65			0.04	I	0.04				FLG

Caluculation of Steel Primer

(Unit: mm, m²)

4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19										FB-F
8		TCB	M 22* 65			0.04	I	0.04												FB-F
JL3							E	1.39	I	0.45	M	2.76								

APPROACH BRIDGE CROSS GIRDER SPLICE P6 JL4																				
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area											Remarks		
2	SPL	PL	685* 9	297		0.81	E	0.41	M	0.81										WEB
26		TCB	M 22* 65			0.13	I	0.13												WEB
2	SPL	PL	1304* 9	297		1.55	E	0.77	M	1.55										WEB
48		TCB	M 22* 65			0.24	I	0.24												WEB
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14										FLG
2	SPL	PL	100* 11	297		0.12	E	0.06	M	0.12										FLG
8		TCB	M 22* 75			0.04	I	0.04												FLG
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19										FB-F
8		TCB	M 22* 65			0.04	I	0.04												FB-F
JL4							E	1.41	I	0.45	M	2.81								

APPROACH BRIDGE CROSS GIRDER SPLICE P6 HL2HS																				
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area											Remarks		
2	SPL	PL	180* 9	2603		1.87	E	0.94	M	1.87										WEB
50		TCB	M 22* 65			0.25	I	0.25												WEB
HL2HS							E	0.94	I	0.25	M	1.87								

APPROACH BRIDGE CROSS GIRDER SPLICE P6 JL5																				
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area											Remarks		
2	SPL	PL	686* 9	297		0.81	E	0.41	M	0.81										WEB
26		TCB	M 22* 65			0.13	I	0.13												WEB
2	SPL	PL	1304* 9	297		1.55	E	0.77	M	1.55										WEB
48		TCB	M 22* 65			0.24	I	0.24												WEB
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14										FLG
2	SPL	PL	100* 11	297		0.12	E	0.06	M	0.12										FLG
8		TCB	M 22* 75			0.04	I	0.04												FLG
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19										FB-F
8		TCB	M 22* 65			0.04	I	0.04												FB-F
JL5							E	1.41	I	0.45	M	2.81								

APPROACH BRIDGE CROSS GIRDER SPLICE P6 JL6																				
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Caluculation of Steel Primer

(Unit: mm, m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
2	SPL	PL	686* 9	297		0.81	E	0.41	M	0.81		WEB	
26		TCB	M 22* 65			0.13	I	0.13				WEB	
2	SPL	PL	1252* 9	297		1.49	E	0.74	M	1.49		WEB	
48		TCB	M 22* 65			0.24	I	0.24				WEB	
1	SPL	PL	270* 9	297		0.16	E	0.08	M	0.16		FLG	
2	SPL	PL	105* 12	297		0.12	E	0.06	M	0.12		FLG	
12		TCB	M 22* 75			0.06	I	0.06				FLG	
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19		FB-F	
8		TCB	M 22* 65			0.04	I	0.04				FB-F	
JL6							E	1.39	I	0.47	M	2.77	

APPROACH BRIDGE CROSS GIRDER SPLICE P6 JL6A													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
2	SPL	PL	685* 9	297		0.81	E	0.41	M	0.81		WEB	
24		TCB	M 22* 65			0.12	I	0.12				WEB	
JL6A							E	0.41	I	0.12	M	0.81	

APPROACH BRIDGE CROSS GIRDER SPLICE P6 HL3HS													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
2	SPL	PL	180* 9	1563		1.13	E	0.56	M	1.13		WEB	
30		TCB	M 22* 65			0.15	I	0.15				WEB	
2	SPL	PL	180* 9	2720		1.96	E	0.98	M	1.96		WEB	
52		TCB	M 22* 65			0.26	I	0.26				WEB	
HL3HS							E	1.54	I	0.41	M	3.09	

APPROACH BRIDGE CROSS GIRDER SPLICE P6 JL7												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
2	SPL	PL	685* 9	297		0.81	E	0.41	M	0.81		WEB
26		TCB	M 22* 65			0.13	I	0.13				WEB
2	SPL	PL	1291* 9	297		1.53	E	0.77	M	1.53		WEB
48		TCB	M 22* 65			0.24	I	0.24				WEB
1	SPL	PL	270* 9	297		0.16	E	0.08	M	0.16		FLG
2	SPL	PL	105* 12	297		0.12	E	0.06	M	0.12		FLG
12		TCB	M 22* 75			0.06	I	0.06				FLG
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19		FB-F
8		TCB	M 22* 65			0.04	I	0.04				FB-F

Caluculation of Steel Primer

(Unit: mm,m²)

JL7					E	1.42	I	0.47	M	2.81		

APPROACH BRIDGE CROSS GIRDER SPLICE P6 JL8													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	SPL	PL	556* 9	297		0.66	E	0.33	M	0.66			BR-W
21		TCB	M 22* 65			0.11	I	0.11					BR-W
2	SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			BR-F
1	SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			BR-F
8		TCB	M 22* 65			0.04	I	0.04					BR-F
JL8							E	0.45	I	0.15	M	0.89	
P6							E	12.57	I	3.92	M	25.01	

Caluculation of Steel Primer

(Unit: mm, m²)

APPROACH BRIDGE CROSS GIRDER SPLICE P7 JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	SPL	PL	556* 9	297		0.66	E	0.33	M	0.66		BR-W
21		TCB	M 22* 65			0.11	I	0.11				BR-W
2	SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		BR-F
1	SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		BR-F
8		TCB	M 22* 65			0.04	I	0.04				BR-F
JL1							E	0.45	I	0.15	M	0.89

APPROACH BRIDGE CROSS GIRDER SPLICE P7 JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	SPL	PL	685* 9	297		0.81	E	0.41	M	0.81		WEB
26		TCB	M 22* 65			0.13	I	0.13				WEB
2	SPL	PL	1305* 9	297		1.55	E	0.78	M	1.55		WEB
48		TCB	M 22* 65			0.24	I	0.24				WEB
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14		FLG
2	SPL	PL	100* 9	297		0.12	E	0.06	M	0.12		FLG
8		TCB	M 22* 65			0.04	I	0.04				FLG
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19		FB-F
8		TCB	M 22* 65			0.04	I	0.04				FB-F
JL2							E	1.42	I	0.45	M	2.81

APPROACH BRIDGE CROSS GIRDER SPLICE P7 HL1HS												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	SPL	PL	180* 9	957		0.69	E	0.34	M	0.69		WEB
20		TCB	M 22* 65			0.10	I	0.10				WEB
HL1HS							E	0.34	I	0.10	M	0.69

APPROACH BRIDGE CROSS GIRDER SPLICE P7 JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	SPL	PL	686* 9	297		0.81	E	0.41	M	0.81		WEB
26		TCB	M 22* 65			0.13	I	0.13				WEB
2	SPL	PL	1260* 9	297		1.50	E	0.75	M	1.50		WEB
48		TCB	M 22* 65			0.24	I	0.24				WEB
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14		FLG
2	SPL	PL	100* 9	297		0.12	E	0.06	M	0.12		FLG
8		TCB	M 22* 65			0.04	I	0.04				FLG

Calculation of Steel Primer

(Unit: mm, m²)

4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19				FB-F
8		TCB	M 22* 65			0.04	I	0.04						FB-F
JL3							E	1.39	I	0.45	M	2.76		

APPROACH BRIDGE CROSS GIRDER SPLICE P7 JL4														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
2	SPL	PL	685* 9	297		0.81	E	0.41	M	0.81				WEB
26		TCB	M 22* 65			0.13	I	0.13						WEB
2	SPL	PL	1304* 9	297		1.55	E	0.77	M	1.55				WEB
48		TCB	M 22* 65			0.24	I	0.24						WEB
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14				FLG
2	SPL	PL	100* 11	297		0.12	E	0.06	M	0.12				FLG
8		TCB	M 22* 75			0.04	I	0.04						FLG
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19				FB-F
8		TCB	M 22* 65			0.04	I	0.04						FB-F
JL4							E	1.41	I	0.45	M	2.81		

APPROACH BRIDGE CROSS GIRDER SPLICE P7 HL2HS														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
2	SPL	PL	180* 9	2603		1.87	E	0.94	M	1.87				WEB
50		TCB	M 22* 65			0.25	I	0.25						WEB
HL2HS							E	0.94	I	0.25	M	1.87		

APPROACH BRIDGE CROSS GIRDER SPLICE P7 JL5														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
2	SPL	PL	685* 9	297		0.81	E	0.41	M	0.81				WEB
26		TCB	M 22* 65			0.13	I	0.13						WEB
2	SPL	PL	1304* 9	297		1.55	E	0.77	M	1.55				WEB
48		TCB	M 22* 65			0.24	I	0.24						WEB
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14				FLG
2	SPL	PL	100* 11	297		0.12	E	0.06	M	0.12				FLG
8		TCB	M 22* 75			0.04	I	0.04						FLG
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19				FB-F
8		TCB	M 22* 65			0.04	I	0.04						FB-F
JL5							E	1.41	I	0.45	M	2.81		

APPROACH BRIDGE CROSS GIRDER SPLICE P7 JL6														
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Caluculation of Steel Primer

(Unit: mm, m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
2	SPL	PL	686* 9	297		0.81	E	0.41	M	0.81			WEB	
26		TCB	M 22* 65			0.13	I	0.13					WEB	
2	SPL	PL	1254* 9	297		1.49	E	0.74	M	1.49			WEB	
48		TCB	M 22* 65			0.24	I	0.24					WEB	
1	SPL	PL	270* 9	297		0.16	E	0.08	M	0.16			FLG	
2	SPL	PL	105* 12	297		0.12	E	0.06	M	0.12			FLG	
12		TCB	M 22* 75			0.06	I	0.06					FLG	
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19			FB-F	
8		TCB	M 22* 65			0.04	I	0.04					FB-F	
JL6							E	1.39	I	0.47	M	2.77		

APPROACH BRIDGE CROSS GIRDER SPLICE P7 HL3HS														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
2	SPL	PL	180* 9	2030		1.46	E	0.73	M	1.46			WEB	
40		TCB	M 22* 65			0.20	I	0.20					WEB	
HL3HS							E	0.73	I	0.20	M	1.46		

APPROACH BRIDGE CROSS GIRDER SPLICE P7 JL7														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
2	SPL	PL	685* 9	297		0.81	E	0.41	M	0.81			WEB	
26		TCB	M 22* 65			0.13	I	0.13					WEB	
2	SPL	PL	1291* 9	297		1.53	E	0.77	M	1.53			WEB	
48		TCB	M 22* 65			0.24	I	0.24					WEB	
1	SPL	PL	270* 9	297		0.16	E	0.08	M	0.16			FLG	
2	SPL	PL	105* 12	297		0.12	E	0.06	M	0.12			FLG	
12		TCB	M 22* 75			0.06	I	0.06					FLG	
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19			FB-F	
8		TCB	M 22* 65			0.04	I	0.04					FB-F	
JL7							E	1.42	I	0.47	M	2.81		

APPROACH BRIDGE CROSS GIRDER SPLICE P7 JL8													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
2	SPL	PL	556* 9	297		0.66	E	0.33	M	0.66			BR-W
21		TCB	M 22* 65			0.11	I	0.11					BR-W
2	SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			BR-F
1	SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			BR-F

Caluculation of Steel Primer

(Unit: mm,m²)

8	TCB	M 22* 65			0.04	I	0.04						BR-F
JL8					E	0.45	I	0.15	M	0.89			
P7					E	11.35	I	3.59	M	22.57			
CROSS GIRDER SPLICE					E	23.92	F	24.60	G	1.20	I	7.51	
					J	7.93	L	0.20	M	98.91			
APPROACH BRIDGE					E	23.92	F	24.60	G	1.20	I	7.51	
					J	7.93	L	0.20	M	98.91			

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSS GIRDER C1 LL1-JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	BR-W	PL	636* 9	1113	65	0.92	A	0.92				
1	BR-STF	PL	90* 9	509		0.09	A	0.09				
1	BR-F	PL	230* 10	1024		0.47	A	0.47				
LL1-JL1							A	1.48				

APPROACH BRIDGE CROSS GIRDER C1 JL1-JL2													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks	
1	DIA	PL	2730* 9	2989	60	9.79	C	9.79					
1	BR-W	PL	788* 9	609	55	0.53	A	0.53					
2	D-STF	PL	121* 10	1144		0.55	C	0.55					
2	D-STF	PL	100* 10	1398		0.56	C	0.56					
2	D-STF	PL	100* 10	1413		0.57	C	0.57					
2	D-STF	PL	90* 9	503		0.18	C	0.18					
1	FB-W	PL	2233* 9	168		0.75	A	0.75					
1	FB-F	PL	250* 10	168		0.08	A	0.08					
1	BR-F	PL	230* 10	633		0.29	A	0.29					
2	D-FLG	PL	111* 10	2546		1.13	C	1.13					
2	FB-F	PL	111* 10	168		0.07	A	0.07					
JL1-JL2							A	1.72	C	12.78			

APPROACH BRIDGE CROSS GIRDER C1 JL2-JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	WEB	PL	673* 9	1285		1.73	A	1.73				
JL2-JL3							A	1.73				

APPROACH BRIDGE CROSS GIRDER C1 JL2-JL3CG												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	WEB	PL	1596* 9	1285		4.10	A	4.10				
1	FLG	PL	250* 10	1287		0.64	A	0.64				
1	FB-STF	PL	130* 11	1392		0.36	A	0.36				
2	FB-STF	PL	110* 9	438		0.19	A	0.19				
2	FB-F	PL	111* 10	1285		0.57	A	0.57				
JL2-JL3CG							A	5.86				

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSS GIRDER C1 JL3-JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	DIA	PL	2690* 9	2727	80	11.74	C	11.74				
1	FB-W	PL	2182* 9	169		0.74	A	0.74				
1	FB-W	PL	2231* 9	169		0.75	A	0.75				
1	FB-F	PL	250* 10	168		0.08	A	0.08				
1	FB-F	PL	250* 16	168		0.08	A	0.08				
2	D-STF	PL	121* 16	2690		1.30	C	1.30				
2	D-STF	PL	100* 10	1383		0.55	C	0.55				
2	D-STF	PL	100* 10	1398		0.56	C	0.56				
2	D-STF	PL	90* 9	765		0.28	C	0.28				
2	FB-F	PL	111* 10	169		0.08	A	0.08				
2	D-FLG	PL	111* 10	2691		1.19	C	1.19				
2	FB-F	PL	111* 10	169		0.08	A	0.08				
JL3-JL4							A	1.81	C	15.62		

APPROACH BRIDGE CROSS GIRDER C1 JL4-JL5												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	WEB	PL	677* 9	2935	85	3.38	A	3.38				
JL4-JL5							A	3.38				

APPROACH BRIDGE CROSS GIRDER C1 JL4-JL5CG												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	WEB	PL	1578* 9	2935		9.26	A	9.26				
1	FLG	PL	250* 16	2935		1.47	A	1.47				
1	FB-STF	PL	130* 11	1450		0.38	A	0.38				
2	FB-STF	PL	120* 10	1261		0.61	A	0.61				
2	FB-F	PL	111* 10	2935		1.30	A	1.30				
JL4-JL5CG							A	13.02				

APPROACH BRIDGE CROSS GIRDER C1 JL5-JL6												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	DIA	PL	2690* 9	2727	80	11.74	C	11.74				
1	FB-W	PL	2231* 9	169		0.75	A	0.75				
1	FB-W	PL	2178* 9	169		0.74	A	0.74				
1	FB-F	PL	250* 16	168		0.08	A	0.08				
1	FB-F	PL	280* 16	168		0.09	A	0.09				

Caluculation of Steel Primer

(Unit: mm, m²)

2	D-STF	PL	136* 16	2690		1.46	C	1.46							
2	D-STF	PL	100* 10	1383		0.55	C	0.55							
2	D-STF	PL	100* 10	1398		0.56	C	0.56							
2	D-STF	PL	90* 9	765		0.28	C	0.28							
2	FB-F	PL	111* 10	169		0.08	A	0.08							
2	D-FLG	PL	111* 10	2691		1.19	C	1.19							
2	FB-F	PL	111* 10	169		0.08	A	0.08							
JL5-JL6							A	1.82	C	15.78					

APPROACH BRIDGE CROSS GIRDER C1 JL6-JL6A														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	WEB	PL	647* 9	1908		2.47	A	2.47						
JL6-JL6A							A	2.47						

APPROACH BRIDGE CROSS GIRDER C1 JL6A-JL6B														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	WEB	PL	647* 9	1928		2.49	A	2.49						
JL6A-JL6B							A	2.49						

APPROACH BRIDGE CROSS GIRDER C1 JL6B-JL6C														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	WEB	PL	647* 9	1928		2.49	A	2.49						
JL6B-JL6C							A	2.49						

APPROACH BRIDGE CROSS GIRDER C1 JL6C-JL7														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	WEB	PL	647* 9	1639		2.12	A	2.12						
JL6C-JL7							A	2.12						

APPROACH BRIDGE CROSS GIRDER C1 JL6-JL7CG														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	WEB	PL	1574* 9	7399		23.29	A	23.29						
1	FLG	PL	280* 16	7369		4.13	A	4.13						
1	FB-STF	PL	130* 11	1381		0.36	A	0.36						

Caluculation of Steel Primer

(Unit: mm, m²)

1	FB-STF	PL	130* 11	1400		0.36	A	0.36						
1	FB-STF	PL	120* 10	2190		0.53	A	0.53						
1	FB-STF	PL	120* 10	2499		0.60	A	0.60						
1	FB-STF	PL	120* 10	2190		0.53	A	0.53						
2	FB-F	PL	111* 10	7367		3.27	A	3.27						
							A	33.07						

APPROACH BRIDGE CROSS GIRDER C1 JL7-JL8														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	DIA	PL	2730* 9	2989	60	9.79	C	9.79						
1	BR-W	PL	788* 9	609	55	0.53	A	0.53						
2	D-STF	PL	136* 16	1144		0.62	C	0.62						
2	D-STF	PL	100* 10	1411		0.56	C	0.56						
2	D-STF	PL	100* 10	1397		0.56	C	0.56						
2	D-STF	PL	90* 9	503		0.18	C	0.18						
1	FB-W	PL	2232* 9	168		0.75	A	0.75						
1	FB-F	PL	280* 16	167		0.09	A	0.09						
1	FB-F	PL	111* 10	168		0.04	A	0.04						
1	FB-F	PL	111* 10	174		0.04	A	0.04						
2	D-FLG	PL	111* 10	2545		1.13	C	1.13						
1	BR-F	PL	230* 10	633		0.29	A	0.29						
							A	1.74	C	12.84				

APPROACH BRIDGE CROSS GIRDER C1 JL8-RR1														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	BR-W	PL	636* 9	1113	65	0.92	A	0.92						
1	BR-STF	PL	90* 9	509		0.09	A	0.09						
1	BR-F	PL	230* 10	1024		0.47	A	0.47						
							A	1.48						
							A	76.68	C	57.02				

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSS GIRDER C2 LL1-JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	BR-W	PL	636* 9	1113	65	0.92	A	0.92				
1	BR-STF	PL	90* 9	509		0.09	A	0.09				
1	BR-F	PL	230* 10	1024		0.47	A	0.47				
LL1-JL1							A	1.48				

APPROACH BRIDGE CROSS GIRDER C2 JL1-JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	DIA	PL	2730* 9	2989	60	9.79	C	9.79				
1	BR-W	PL	788* 9	609	55	0.53	A	0.53				
2	D-STF	PL	121* 10	1144		0.55	C	0.55				
2	D-STF	PL	100* 10	1398		0.56	C	0.56				
2	D-STF	PL	100* 10	1413		0.57	C	0.57				
2	D-STF	PL	90* 9	503		0.18	C	0.18				
1	FB-W	PL	2233* 9	168		0.75	A	0.75				
1	FB-F	PL	250* 10	168		0.08	A	0.08				
1	BR-F	PL	230* 10	633		0.29	A	0.29				
2	D-FLG	PL	111* 10	2546		1.13	C	1.13				
2	FB-F	PL	111* 10	168		0.07	A	0.07				
JL1-JL2							A	1.72	C	12.78		

APPROACH BRIDGE CROSS GIRDER C2 JL2-JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	WEB	PL	673* 9	1285		1.73	A	1.73				
JL2-JL3							A	1.73				

APPROACH BRIDGE CROSS GIRDER C2 JL2-JL3CG												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	WEB	PL	1596* 9	1285		4.10	A	4.10				
1	FLG	PL	250* 10	1287		0.64	A	0.64				
1	FB-STF	PL	130* 11	1392		0.36	A	0.36				
2	FB-STF	PL	110* 9	438		0.19	A	0.19				
2	FB-F	PL	111* 10	1285		0.57	A	0.57				
JL2-JL3CG							A	5.86				

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSS GIRDER C2 JL3-JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	DIA	PL	2690* 9	2727	80	11.74	C	11.74				
1	FB-W	PL	2182* 9	169		0.74	A	0.74				
1	FB-W	PL	2231* 9	169		0.75	A	0.75				
1	FB-F	PL	250* 10	168		0.08	A	0.08				
1	FB-F	PL	250* 16	168		0.08	A	0.08				
2	D-STF	PL	121* 16	2690		1.30	C	1.30				
2	D-STF	PL	100* 10	1383		0.55	C	0.55				
2	D-STF	PL	100* 10	1398		0.56	C	0.56				
2	D-STF	PL	90* 9	765		0.28	C	0.28				
2	FB-F	PL	111* 10	169		0.08	A	0.08				
2	D-FLG	PL	111* 10	2691		1.19	C	1.19				
2	FB-F	PL	111* 10	169		0.08	A	0.08				
JL3-JL4							A	1.81	C	15.62		

APPROACH BRIDGE CROSS GIRDER C2 JL4-JL5												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	WEB	PL	677* 9	2935	85	3.38	A	3.38				
JL4-JL5							A	3.38				

APPROACH BRIDGE CROSS GIRDER C2 JL4-JL5CG												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	WEB	PL	1578* 9	2935		9.26	A	9.26				
1	FLG	PL	250* 16	2935		1.47	A	1.47				
1	FB-STF	PL	130* 11	1450		0.38	A	0.38				
2	FB-STF	PL	120* 10	1261		0.61	A	0.61				
2	FB-F	PL	111* 10	2935		1.30	A	1.30				
JL4-JL5CG							A	13.02				

APPROACH BRIDGE CROSS GIRDER C2 JL5-JL6												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	DIA	PL	2690* 9	2727	80	11.74	C	11.74				
1	FB-W	PL	2231* 9	169		0.75	A	0.75				
1	FB-W	PL	2178* 9	169		0.74	A	0.74				
1	FB-F	PL	250* 16	168		0.08	A	0.08				
1	FB-F	PL	280* 16	168		0.09	A	0.09				

Caluculation of Steel Primer

(Unit: mm, m²)

2	D-STF	PL	136* 16	2690		1.46	C	1.46							
2	D-STF	PL	100* 10	1383		0.55	C	0.55							
2	D-STF	PL	100* 10	1398		0.56	C	0.56							
2	D-STF	PL	90* 9	765		0.28	C	0.28							
2	FB-F	PL	111* 10	169		0.08	A	0.08							
2	D-FLG	PL	111* 10	2691		1.19	C	1.19							
2	FB-F	PL	111* 10	169		0.08	A	0.08							
JL5-JL6							A	1.82	C	15.78					

APPROACH BRIDGE CROSS GIRDER C2 JL6-JL6A														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	WEB	PL	647* 9	1908		2.47	A	2.47						
JL6-JL6A							A	2.47						

APPROACH BRIDGE CROSS GIRDER C2 JL6A-JL6B														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	WEB	PL	647* 9	1928		2.49	A	2.49						
JL6A-JL6B							A	2.49						

APPROACH BRIDGE CROSS GIRDER C2 JL6B-JL7														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	WEB	PL	647* 9	3081		3.99	A	3.99						
JL6B-JL7							A	3.99						

APPROACH BRIDGE CROSS GIRDER C2 JL6-JL7CG														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	WEB	PL	1574* 9	6932		21.82	A	21.82						
1	FLG	PL	280* 16	6890		3.86	A	3.86						
1	FB-STF	PL	130* 11	1381		0.36	A	0.36						
1	FB-STF	PL	130* 11	1400		0.36	A	0.36						
1	FB-STF	PL	120* 10	2030		0.49	A	0.49						
1	FB-STF	PL	120* 10	2339		0.56	A	0.56						
1	FB-STF	PL	120* 10	2030		0.49	A	0.49						
2	FB-F	PL	111* 10	6888		3.06	A	3.06						
JL6-JL7CG							A	31.00						

APPROACH BRIDGE CROSS GIRDER C2 JL7-JL8												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	DIA	PL	2730* 9	2989	60	9.79	C	9.79				
1	BR-W	PL	788* 9	609	55	0.53	A	0.53				
2	D-STF	PL	136* 16	1144		0.62	C	0.62				
2	D-STF	PL	100* 10	1411		0.56	C	0.56				
2	D-STF	PL	100* 10	1397		0.56	C	0.56				
2	D-STF	PL	90* 9	503		0.18	C	0.18				
1	FB-W	PL	2232* 9	168		0.75	A	0.75				
1	FB-F	PL	280* 16	167		0.09	A	0.09				
1	FB-F	PL	111* 10	168		0.04	A	0.04				
1	FB-F	PL	111* 10	174		0.04	A	0.04				
2	D-FLG	PL	111* 10	2545		1.13	C	1.13				
1	BR-F	PL	230* 10	633		0.29	A	0.29				
JL7-JL8							A	1.74	C	12.84		

APPROACH BRIDGE CROSS GIRDER C2 JL8-RR1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	BR-W	PL	636* 9	1113	65	0.92	A	0.92				
1	BR-STF	PL	90* 9	509		0.09	A	0.09				
1	BR-F	PL	230* 10	1024		0.47	A	0.47				
JL8-RR1							A	1.48				
C2							A	73.99	C	57.02		

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSS GIRDER C3 LL1-JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	BR-W	PL	636* 9	1113	65	0.92	A	0.92				
1	BR-STF	PL	90* 9	509		0.09	A	0.09				
1	BR-F	PL	230* 10	1024		0.47	A	0.47				
LL1-JL1							A	1.48				

APPROACH BRIDGE CROSS GIRDER C3 JL1-JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	DIA	PL	2730* 9	2989	60	9.79	C	9.79				
1	BR-W	PL	788* 9	609	55	0.53	A	0.53				
2	D-STF	PL	121* 10	1144		0.55	C	0.55				
2	D-STF	PL	100* 10	1398		0.56	C	0.56				
2	D-STF	PL	100* 10	1413		0.57	C	0.57				
2	D-STF	PL	90* 9	503		0.18	C	0.18				
1	FB-W	PL	2233* 9	168		0.75	A	0.75				
1	FB-F	PL	250* 10	168		0.08	A	0.08				
1	BR-F	PL	230* 10	633		0.29	A	0.29				
2	D-FLG	PL	111* 10	2546		1.13	C	1.13				
2	FB-F	PL	111* 10	168		0.07	A	0.07				
JL1-JL2							A	1.72	C	12.78		

APPROACH BRIDGE CROSS GIRDER C3 JL2-JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	WEB	PL	673* 9	1285		1.73	A	1.73				
JL2-JL3							A	1.73				

APPROACH BRIDGE CROSS GIRDER C3 JL2-JL3CG												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	WEB	PL	1596* 9	1285		4.10	A	4.10				
1	FLG	PL	250* 10	1287		0.64	A	0.64				
1	FB-STF	PL	130* 11	1392		0.36	A	0.36				
2	FB-STF	PL	110* 9	438		0.19	A	0.19				
2	FB-F	PL	111* 10	1285		0.57	A	0.57				
JL2-JL3CG							A	5.86				

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSS GIRDER C3 JL3-JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	DIA	PL	2690* 9	2727	80	11.74	C	11.74				
1	FB-W	PL	2182* 9	169		0.74	A	0.74				
1	FB-W	PL	2231* 9	169		0.75	A	0.75				
1	FB-F	PL	250* 10	168		0.08	A	0.08				
1	FB-F	PL	250* 16	168		0.08	A	0.08				
2	D-STF	PL	121* 16	2690		1.30	C	1.30				
2	D-STF	PL	100* 10	1383		0.55	C	0.55				
2	D-STF	PL	100* 10	1398		0.56	C	0.56				
2	D-STF	PL	90* 9	765		0.28	C	0.28				
2	FB-F	PL	111* 10	169		0.08	A	0.08				
2	D-FLG	PL	111* 10	2691		1.19	C	1.19				
2	FB-F	PL	111* 10	169		0.08	A	0.08				
JL3-JL4							A	1.81	C	15.62		

APPROACH BRIDGE CROSS GIRDER C3 JL4-JL5												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	WEB	PL	677* 9	2935	85	3.38	A	3.38				
JL4-JL5							A	3.38				

APPROACH BRIDGE CROSS GIRDER C3 JL4-JL5CG												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	WEB	PL	1578* 9	2935		9.26	A	9.26				
1	FLG	PL	250* 16	2935		1.47	A	1.47				
1	FB-STF	PL	130* 11	1450		0.38	A	0.38				
2	FB-STF	PL	120* 10	1261		0.61	A	0.61				
2	FB-F	PL	111* 10	2935		1.30	A	1.30				
JL4-JL5CG							A	13.02				

APPROACH BRIDGE CROSS GIRDER C3 JL5-JL6												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	DIA	PL	2690* 9	2727	80	11.74	C	11.74				
1	FB-W	PL	2231* 9	169		0.75	A	0.75				
1	FB-W	PL	2178* 9	169		0.74	A	0.74				
1	FB-F	PL	250* 16	168		0.08	A	0.08				
1	FB-F	PL	280* 16	168		0.09	A	0.09				

Caluculation of Steel Primer

(Unit: mm, m²)

2	D-STF	PL	136* 16	2690		1.46	C	1.46						
2	D-STF	PL	100* 10	1383		0.55	C	0.55						
2	D-STF	PL	100* 10	1398		0.56	C	0.56						
2	D-STF	PL	90* 9	765		0.28	C	0.28						
2	FB-F	PL	111* 10	169		0.08	A	0.08						
2	D-FLG	PL	111* 10	2691		1.19	C	1.19						
2	FB-F	PL	111* 10	169		0.08	A	0.08						
JL5-JL6							A	1.82	C	15.78				

APPROACH BRIDGE CROSS GIRDER C3 JL6-JL6A														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	WEB	PL	647* 9	1908		2.47	A	2.47						
JL6-JL6A							A	2.47						

APPROACH BRIDGE CROSS GIRDER C3 JL6A-JL6B														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	WEB	PL	647* 9	1928		2.49	A	2.49						
JL6A-JL6B							A	2.49						

APPROACH BRIDGE CROSS GIRDER C3 JL6B-JL7														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	WEB	PL	647* 9	2646		3.42	A	3.42						
JL6B-JL7							A	3.42						

APPROACH BRIDGE CROSS GIRDER C3 JL6-JL7CG														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	WEB	PL	1574* 9	6498		20.46	A	20.46						
1	FLG	PL	280* 16	6455		3.61	A	3.61						
1	FB-STF	PL	130* 11	1381		0.36	A	0.36						
1	FB-STF	PL	130* 11	1400		0.36	A	0.36						
1	FB-STF	PL	120* 10	1855		0.45	A	0.45						
1	FB-STF	PL	120* 10	2193		0.53	A	0.53						
1	FB-STF	PL	120* 10	1855		0.45	A	0.45						
2	FB-F	PL	111* 10	6453		2.87	A	2.87						
JL6-JL7CG							A	29.09						

APPROACH BRIDGE CROSS GIRDER C3 JL7-JL8												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	DIA	PL	2730* 9	2989	60	9.79	C	9.79				
1	BR-W	PL	788* 9	609	55	0.53	A	0.53				
2	D-STF	PL	136* 16	1144		0.62	C	0.62				
2	D-STF	PL	100* 10	1411		0.56	C	0.56				
2	D-STF	PL	100* 10	1397		0.56	C	0.56				
2	D-STF	PL	90* 9	503		0.18	C	0.18				
1	FB-W	PL	2232* 9	168		0.75	A	0.75				
1	FB-F	PL	280* 16	167		0.09	A	0.09				
1	FB-F	PL	111* 10	168		0.04	A	0.04				
1	FB-F	PL	111* 10	174		0.04	A	0.04				
2	D-FLG	PL	111* 10	2545		1.13	C	1.13				
1	BR-F	PL	230* 10	633		0.29	A	0.29				
JL7-JL8							A	1.74	C	12.84		

APPROACH BRIDGE CROSS GIRDER C3 JL8-RR1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	BR-W	PL	636* 9	1113	65	0.92	A	0.92				
1	BR-STF	PL	90* 9	509		0.09	A	0.09				
1	BR-F	PL	230* 10	1024		0.47	A	0.47				
JL8-RR1							A	1.48				
C3							A	71.51	C	57.02		

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSS GIRDER C4 LL1-JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	BR-W	PL	636* 9	1113	65	0.92	A	0.92				
1	BR-STF	PL	90* 9	509		0.09	A	0.09				
1	BR-F	PL	230* 10	1024		0.47	A	0.47				
LL1-JL1							A	1.48				

APPROACH BRIDGE CROSS GIRDER C4 JL1-JL2													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks	
1	DIA	PL	2730* 9	2989	60	9.79	C	9.79					
1	BR-W	PL	788* 9	609	55	0.53	A	0.53					
2	D-STF	PL	121* 10	1144		0.55	C	0.55					
2	D-STF	PL	100* 10	1398		0.56	C	0.56					
2	D-STF	PL	100* 10	1413		0.57	C	0.57					
2	D-STF	PL	90* 9	503		0.18	C	0.18					
1	FB-W	PL	2233* 9	168		0.75	A	0.75					
1	FB-F	PL	250* 10	168		0.08	A	0.08					
1	BR-F	PL	230* 10	633		0.29	A	0.29					
2	D-FLG	PL	111* 10	2545		1.13	C	1.13					
2	FB-F	PL	111* 10	168		0.07	A	0.07					
JL1-JL2							A	1.72	C	12.78			

APPROACH BRIDGE CROSS GIRDER C4 JL2-JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	WEB	PL	673* 9	1285		1.73	A	1.73				
JL2-JL3							A	1.73				

APPROACH BRIDGE CROSS GIRDER C4 JL2-JL3CG												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	WEB	PL	1596* 9	1285		4.10	A	4.10				
1	FLG	PL	250* 10	1287		0.64	A	0.64				
1	FB-STF	PL	130* 11	1392		0.36	A	0.36				
2	FB-STF	PL	110* 9	438		0.19	A	0.19				
2	FB-F	PL	111* 10	1285		0.57	A	0.57				
JL2-JL3CG							A	5.86				

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSS GIRDER C4 JL3-JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	DIA	PL	2690* 9	2727	80	11.74	C	11.74				
1	FB-W	PL	2182* 9	169		0.74	A	0.74				
1	FB-W	PL	2231* 9	169		0.75	A	0.75				
1	FB-F	PL	250* 10	168		0.08	A	0.08				
1	FB-F	PL	250* 16	168		0.08	A	0.08				
2	D-STF	PL	121* 16	2690		1.30	C	1.30				
2	D-STF	PL	100* 10	1383		0.55	C	0.55				
2	D-STF	PL	100* 10	1398		0.56	C	0.56				
2	D-STF	PL	90* 9	765		0.28	C	0.28				
2	FB-F	PL	111* 10	169		0.08	A	0.08				
2	D-FLG	PL	111* 10	2691		1.19	C	1.19				
2	FB-F	PL	111* 10	168		0.07	A	0.07				
JL3-JL4							A	1.80	C	15.62		

APPROACH BRIDGE CROSS GIRDER C4 JL4-JL5												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	WEB	PL	677* 9	2935	85	3.38	A	3.38				
JL4-JL5							A	3.38				

APPROACH BRIDGE CROSS GIRDER C4 JL4-JL5CG												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	WEB	PL	1578* 9	2935		9.26	A	9.26				
1	FLG	PL	250* 16	2935		1.47	A	1.47				
1	FB-STF	PL	130* 11	1450		0.38	A	0.38				
2	FB-STF	PL	120* 10	1261		0.61	A	0.61				
2	FB-F	PL	111* 10	2935		1.30	A	1.30				
JL4-JL5CG							A	13.02				

APPROACH BRIDGE CROSS GIRDER C4 JL5-JL6												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	DIA	PL	2690* 9	2727	80	11.74	C	11.74				
1	FB-W	PL	2231* 9	169		0.75	A	0.75				
1	FB-W	PL	2178* 9	169		0.74	A	0.74				
1	FB-F	PL	250* 16	168		0.08	A	0.08				
1	FB-F	PL	280* 16	168		0.09	A	0.09				

Caluculation of Steel Primer

(Unit: mm, m²)

2	D-STF	PL	136* 16	2690		1.46	C	1.46						
2	D-STF	PL	100* 10	1383		0.55	C	0.55						
2	D-STF	PL	100* 10	1398		0.56	C	0.56						
2	D-STF	PL	90* 9	765		0.28	C	0.28						
2	FB-F	PL	111* 10	169		0.08	A	0.08						
2	D-FLG	PL	111* 10	2691		1.19	C	1.19						
2	FB-F	PL	111* 10	169		0.08	A	0.08						
JL5-JL6							A	1.82	C	15.78				

APPROACH BRIDGE CROSS GIRDER C4 JL6-JL6A														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	WEB	PL	647* 9	1908		2.47	A	2.47						
JL6-JL6A							A	2.47						

APPROACH BRIDGE CROSS GIRDER C4 JL6A-JL6B														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	WEB	PL	647* 9	1928		2.49	A	2.49						
JL6A-JL6B							A	2.49						

APPROACH BRIDGE CROSS GIRDER C4 JL6B-JL7														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	WEB	PL	647* 9	2255		2.92	A	2.92						
JL6B-JL7							A	2.92						

APPROACH BRIDGE CROSS GIRDER C4 JL6-JL7CG														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	WEB	PL	1575* 9	6093		19.19	A	19.19						
1	FLG	PL	280* 16	6065		3.40	A	3.40						
1	FB-STF	PL	130* 11	1391		0.36	A	0.36						
1	FB-STF	PL	140* 11	1564		0.44	A	0.44						
1	FB-STF	PL	140* 11	1911		0.54	A	0.54						
2	FB-F	PL	111* 10	6065		2.69	A	2.69						
JL6-JL7CG							A	26.62						

APPROACH BRIDGE CROSS GIRDER C4 JL7-JL8														
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Caluculation of Steel Primer

(Unit: mm,m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
1	DIA	PL	2730* 9	2989	60	9.79	C	9.79						
1	BR-W	PL	788* 9	609	55	0.53	A	0.53						
2	D-STF	PL	136* 16	1144		0.62	C	0.62						
2	D-STF	PL	100* 10	1397		0.56	C	0.56						
2	D-STF	PL	100* 10	1412		0.56	C	0.56						
2	D-STF	PL	90* 9	503		0.18	C	0.18						
1	FB-W	PL	2232* 9	168		0.75	A	0.75						
1	FB-F	PL	280* 16	168		0.09	A	0.09						
1	FB-F	PL	111* 10	167		0.04	A	0.04						
1	FB-F	PL	111* 10	172		0.04	A	0.04						
2	D-FLG	PL	111* 10	2545		1.13	C	1.13						
1	BR-F	PL	230* 10	633		0.29	A	0.29						
JL7-JL8							A	1.74	C	12.84				

APPROACH BRIDGE CROSS GIRDER C4 JL8-RR1														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
1	BR-W	PL	636* 9	1113	65	0.92	A	0.92						
1	BR-STF	PL	90* 9	509		0.09	A	0.09						
1	BR-F	PL	230* 10	1024		0.47	A	0.47						
JL8-RR1							A	1.48						
C4							A	68.53	C	57.02				

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSS GIRDER C5 LL1-JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	BR-W	PL	636* 9	1113	65	0.92	A	0.92				
1	BR-STF	PL	90* 9	509		0.09	A	0.09				
1	BR-F	PL	230* 10	1024		0.47	A	0.47				
LL1-JL1							A	1.48				

APPROACH BRIDGE CROSS GIRDER C5 JL1-JL2													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks	
1	DIA	PL	2730* 9	2989	60	9.79	C	9.79					
1	BR-W	PL	788* 9	609	55	0.53	A	0.53					
2	D-STF	PL	121* 10	1144		0.55	C	0.55					
2	D-STF	PL	100* 10	1398		0.56	C	0.56					
2	D-STF	PL	100* 10	1413		0.57	C	0.57					
2	D-STF	PL	90* 9	503		0.18	C	0.18					
1	FB-W	PL	2233* 9	168		0.75	A	0.75					
1	FB-F	PL	250* 10	168		0.08	A	0.08					
1	BR-F	PL	230* 10	633		0.29	A	0.29					
2	D-FLG	PL	111* 10	2545		1.13	C	1.13					
2	FB-F	PL	111* 10	168		0.07	A	0.07					
JL1-JL2							A	1.72	C	12.78			

APPROACH BRIDGE CROSS GIRDER C5 JL2-JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	WEB	PL	673* 9	1285		1.73	A	1.73				
JL2-JL3							A	1.73				

APPROACH BRIDGE CROSS GIRDER C5 JL2-JL3CG												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	WEB	PL	1596* 9	1285		4.10	A	4.10				
1	FLG	PL	250* 10	1287		0.64	A	0.64				
1	FB-STF	PL	130* 11	1392		0.36	A	0.36				
2	FB-STF	PL	110* 9	438		0.19	A	0.19				
2	FB-F	PL	111* 10	1285		0.57	A	0.57				
JL2-JL3CG							A	5.86				

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSS GIRDER C5 JL3-JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	DIA	PL	2690* 9	2727	80	11.74	C	11.74				
1	FB-W	PL	2182* 9	169		0.74	A	0.74				
1	FB-W	PL	2231* 9	169		0.75	A	0.75				
1	FB-F	PL	250* 10	168		0.08	A	0.08				
1	FB-F	PL	250* 16	168		0.08	A	0.08				
2	D-STF	PL	121* 16	2690		1.30	C	1.30				
2	D-STF	PL	100* 10	1383		0.55	C	0.55				
2	D-STF	PL	100* 10	1398		0.56	C	0.56				
2	D-STF	PL	90* 9	765		0.28	C	0.28				
2	FB-F	PL	111* 10	169		0.08	A	0.08				
2	D-FLG	PL	111* 10	2691		1.19	C	1.19				
2	FB-F	PL	111* 10	168		0.07	A	0.07				
JL3-JL4							A	1.80	C	15.62		

APPROACH BRIDGE CROSS GIRDER C5 JL4-JL5												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	WEB	PL	677* 9	2935	85	3.38	A	3.38				
JL4-JL5							A	3.38				

APPROACH BRIDGE CROSS GIRDER C5 JL4-JL5CG												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	WEB	PL	1578* 9	2935		9.26	A	9.26				
1	FLG	PL	250* 16	2935		1.47	A	1.47				
1	FB-STF	PL	130* 11	1450		0.38	A	0.38				
2	FB-STF	PL	120* 10	1261		0.61	A	0.61				
2	FB-F	PL	111* 10	2935		1.30	A	1.30				
JL4-JL5CG							A	13.02				

APPROACH BRIDGE CROSS GIRDER C5 JL5-JL6												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	DIA	PL	2690* 9	2727	80	11.74	C	11.74				
1	FB-W	PL	169* 9	2231		0.75	A	0.75				
1	FB-W	PL	169* 9	2178		0.74	A	0.74				
1	FB-F	PL	250* 16	168		0.08	A	0.08				
1	FB-F	PL	280* 16	168		0.09	A	0.09				

Caluculation of Steel Primer

(Unit: mm, m²)

2	D-STF	PL	136* 16	2690		1.46	C	1.46						
2	D-STF	PL	100* 10	1383		0.55	C	0.55						
2	D-STF	PL	100* 10	1398		0.56	C	0.56						
2	D-STF	PL	90* 9	765		0.28	C	0.28						
2	FB-F	PL	111* 10	169		0.08	A	0.08						
2	D-FLG	PL	111* 10	2691		1.19	C	1.19						
2	FB-F	PL	111* 10	169		0.08	A	0.08						
JL5-JL6							A	1.82	C	15.78				

APPROACH BRIDGE CROSS GIRDER C5 JL6-JL6A														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	WEB	PL	647* 9	1908		2.47	A	2.47						
JL6-JL6A							A	2.47						

APPROACH BRIDGE CROSS GIRDER C5 JL6A-JL6B														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	WEB	PL	647* 9	1928		2.49	A	2.49						
JL6A-JL6B							A	2.49						

APPROACH BRIDGE CROSS GIRDER C5 JL6B-JL7														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	WEB	PL	647* 9	1909		2.47	A	2.47						
JL6B-JL7							A	2.47						

APPROACH BRIDGE CROSS GIRDER C5 JL6-JL7CG														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	WEB	PL	1574* 9	5763		18.14	A	18.14						
1	FLG	PL	280* 16	5719		3.20	A	3.20						
1	FB-STF	PL	130* 11	1391		0.36	A	0.36						
1	FB-STF	PL	140* 11	2653		0.74	A	0.74						
1	FB-STF	PL	140* 11	2653		0.74	A	0.74						
2	FB-F	PL	111* 10	5717		2.54	A	2.54						
JL6-JL7CG							A	25.72						

APPROACH BRIDGE CROSS GIRDER C5 JL7-JL8														
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Caluculation of Steel Primer

(Unit: mm,m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
1	DIA	PL	2729* 9	2989	60	9.79	C	9.79						
1	BR-W	PL	788* 9	609	55	0.53	A	0.53						
2	D-STF	PL	136* 16	1144		0.62	C	0.62						
2	D-STF	PL	100* 10	1397		0.56	C	0.56						
2	D-STF	PL	100* 10	1412		0.56	C	0.56						
2	D-STF	PL	90* 9	503		0.18	C	0.18						
1	FB-W	PL	2232* 9	168		0.75	A	0.75						
1	FB-F	PL	280* 16	168		0.09	A	0.09						
1	FB-F	PL	111* 10	167		0.04	A	0.04						
1	FB-F	PL	111* 10	172		0.04	A	0.04						
2	D-FLG	PL	111* 10	2545		1.13	C	1.13						
1	BR-F	PL	230* 10	633		0.29	A	0.29						
JL7-JL8							A	1.74	C	12.84				

APPROACH BRIDGE CROSS GIRDER C5 JL8-RR1														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
1	BR-W	PL	636* 9	1113	65	0.92	A	0.92						
1	BR-STF	PL	90* 9	509		0.09	A	0.09						
1	BR-F	PL	230* 10	1024		0.47	A	0.47						
JL8-RR1							A	1.48						
C5							A	67.18	C	57.02				

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSS GIRDER C6 LL1-JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	BR-W	PL	636* 9	1113	65	0.92	A	0.92				
1	BR-STF	PL	90* 9	509		0.09	A	0.09				
1	BR-F	PL	230* 10	1024		0.47	A	0.47				
LL1-JL1							A	1.48				

APPROACH BRIDGE CROSS GIRDER C6 JL1-JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	DIA	PL	2730* 9	2989	60	9.79	C	9.79				
1	BR-W	PL	788* 9	609	55	0.53	A	0.53				
2	D-STF	PL	121* 10	1144		0.55	C	0.55				
2	D-STF	PL	100* 10	1398		0.56	C	0.56				
2	D-STF	PL	100* 10	1413		0.57	C	0.57				
2	D-STF	PL	90* 9	503		0.18	C	0.18				
1	FB-W	PL	2233* 9	168		0.75	A	0.75				
1	FB-F	PL	250* 10	168		0.08	A	0.08				
1	BR-F	PL	230* 10	633		0.29	A	0.29				
2	D-FLG	PL	111* 10	2545		1.13	C	1.13				
2	FB-F	PL	111* 10	168		0.07	A	0.07				
JL1-JL2							A	1.72	C	12.78		

APPROACH BRIDGE CROSS GIRDER C6 JL2-JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	WEB	PL	673* 9	1285		1.73	A	1.73				
JL2-JL3							A	1.73				

APPROACH BRIDGE CROSS GIRDER C6 JL2-JL3CG												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	WEB	PL	1596* 9	1285		4.10	A	4.10				
1	FLG	PL	250* 10	1287		0.64	A	0.64				
1	FB-STF	PL	130* 11	1392		0.36	A	0.36				
2	FB-STF	PL	110* 9	438		0.19	A	0.19				
2	FB-F	PL	111* 10	1285		0.57	A	0.57				
JL2-JL3CG							A	5.86				

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSS GIRDER C6 JL3-JL4														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks		
1	DIA	PL	2690* 9	2727	80	11.74	C	11.74						
1	FB-W	PL	2182* 9	169		0.74	A	0.74						
1	FB-W	PL	2231* 9	169		0.75	A	0.75						
1	FB-F	PL	250* 10	168		0.08	A	0.08						
1	FB-F	PL	250* 16	168		0.08	A	0.08						
2	D-STF	PL	121* 16	2690		1.30	C	1.30						
2	D-STF	PL	100* 10	1383		0.55	C	0.55						
2	D-STF	PL	100* 10	1398		0.56	C	0.56						
2	D-STF	PL	90* 9	765		0.28	C	0.28						
2	FB-F	PL	111* 10	169		0.08	A	0.08						
2	D-FLG	PL	111* 10	2691		1.19	C	1.19						
2	FB-F	PL	111* 10	168		0.07	A	0.07						
JL3-JL4							A	1.80	C	15.62				

APPROACH BRIDGE CROSS GIRDER C6 JL4-JL5													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks	
1	WEB	PL	677* 9	2935	85	3.38	A	3.38					
JL4-JL5							A	3.38					

APPROACH BRIDGE CROSS GIRDER C6 JL4-JL5CG													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks	
1	WEB	PL	1578* 9	2935		9.26	A	9.26					
1	FLG	PL	250* 16	2935		1.47	A	1.47					
1	FB-STF	PL	130* 11	1450		0.38	A	0.38					
2	FB-STF	PL	120* 10	1261		0.61	A	0.61					
2	FB-F	PL	111* 10	2935		1.30	A	1.30					
JL4-JL5CG							A	13.02					

APPROACH BRIDGE CROSS GIRDER C6 JL5-JL6												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	DIA	PL	2690* 9	2727	80	11.74	C	11.74				
1	FB-W	PL	169* 9	2231		0.75	A	0.75				
1	FB-W	PL	169* 9	2178		0.74	A	0.74				
1	FB-F	PL	250* 16	168		0.08	A	0.08				
1	FB-F	PL	280* 16	168		0.09	A	0.09				

Caluculation of Steel Primer

(Unit: mm, m²)

2	D-STF	PL	136* 16	2690		1.46	C	1.46						
2	D-STF	PL	100* 10	1383		0.55	C	0.55						
2	D-STF	PL	100* 10	1398		0.56	C	0.56						
2	D-STF	PL	90* 9	765		0.28	C	0.28						
2	FB-F	PL	111* 10	169		0.08	A	0.08						
2	D-FLG	PL	111* 10	2691		1.19	C	1.19						
2	FB-F	PL	111* 10	169		0.08	A	0.08						
JL5-JL6							A	1.82	C	15.78				

APPROACH BRIDGE CROSS GIRDER C6 JL6-JL6A														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	WEB	PL	647* 9	1908		2.47	A	2.47						
JL6-JL6A							A	2.47						

APPROACH BRIDGE CROSS GIRDER C6 JL6A-JL6B														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	WEB	PL	647* 9	1928		2.49	A	2.49						
JL6A-JL6B							A	2.49						

APPROACH BRIDGE CROSS GIRDER C6 JL6B-JL7														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	WEB	PL	647* 9	1607		2.08	A	2.08						
JL6B-JL7							A	2.08						

APPROACH BRIDGE CROSS GIRDER C6 JL6-JL7CG														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	WEB	PL	1574* 9	5462		17.19	A	17.19						
1	FLG	PL	280* 16	5417		3.03	A	3.03						
1	FB-STF	PL	130* 11	1391		0.36	A	0.36						
1	FB-STF	PL	120* 10	2502		0.60	A	0.60						
1	FB-STF	PL	120* 10	2502		0.60	A	0.60						
2	FB-F	PL	111* 10	5415		2.40	A	2.40						
JL6-JL7CG							A	24.18						

APPROACH BRIDGE CROSS GIRDER C6 JL7-JL8														
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Caluculation of Steel Primer

(Unit: mm,m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
1	DIA	PL	2729* 9	2989	60	9.79	C	9.79						
1	BR-W	PL	788* 9	609	55	0.53	A	0.53						
2	D-STF	PL	136* 16	1144		0.62	C	0.62						
2	D-STF	PL	100* 10	1397		0.56	C	0.56						
2	D-STF	PL	100* 10	1412		0.56	C	0.56						
2	D-STF	PL	90* 9	503		0.18	C	0.18						
1	FB-W	PL	2232* 9	168		0.75	A	0.75						
1	FB-F	PL	280* 16	168		0.09	A	0.09						
1	FB-F	PL	111* 10	167		0.04	A	0.04						
1	FB-F	PL	111* 10	172		0.04	A	0.04						
2	D-FLG	PL	111* 10	2545		1.13	C	1.13						
1	BR-F	PL	230* 10	633		0.29	A	0.29						
JL7-JL8							A	1.74	C	12.84				

APPROACH BRIDGE CROSS GIRDER C6 JL8-RR1														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
1	BR-W	PL	636* 9	1113	65	0.92	A	0.92						
1	BR-STF	PL	90* 9	509		0.09	A	0.09						
1	BR-F	PL	230* 10	1024		0.47	A	0.47						
JL8-RR1							A	1.48						
C6							A	65.25	C	57.02				

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSS GIRDER C7 LL1-JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	BR-W	PL	636* 9	1113	65	0.92	A	0.92				
1	BR-STF	PL	90* 9	509		0.09	A	0.09				
1	BR-F	PL	230* 10	1024		0.47	A	0.47				
LL1-JL1							A	1.48				

APPROACH BRIDGE CROSS GIRDER C7 JL1-JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	DIA	PL	2730* 9	2989	60	9.79	C	9.79				
1	BR-W	PL	787* 9	606	55	0.52	A	0.52				
2	D-STF	PL	121* 10	1144		0.55	C	0.55				
2	D-STF	PL	100* 10	1398		0.56	C	0.56				
2	D-STF	PL	100* 10	1413		0.57	C	0.57				
2	D-STF	PL	90* 9	503		0.18	C	0.18				
1	FB-W	PL	2233* 9	166		0.74	A	0.74				
1	FB-F	PL	250* 10	166		0.08	A	0.08				
1	BR-F	PL	230* 10	627		0.29	A	0.29				
2	D-FLG	PL	111* 10	2545		1.13	C	1.13				
2	FB-F	PL	111* 10	166		0.07	A	0.07				
JL1-JL2							A	1.70	C	12.78		

APPROACH BRIDGE CROSS GIRDER C7 JL2-JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	WEB	PL	673* 9	1285		1.73	A	1.73				
JL2-JL3							A	1.73				

APPROACH BRIDGE CROSS GIRDER C7 JL2-JL3CG												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	WEB	PL	1596* 9	1285		4.10	A	4.10				
1	FLG	PL	250* 10	1287		0.64	A	0.64				
1	FB-STF	PL	130* 11	1392		0.36	A	0.36				
2	FB-STF	PL	110* 9	438		0.19	A	0.19				
2	FB-F	PL	111* 10	1285		0.57	A	0.57				
JL2-JL3CG							A	5.86				

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSS GIRDER C7 JL3-JL4													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks	
1	DIA	PL	2690* 9	2727	80	11.74	C	11.74					
1	FB-W	PL	2182* 9	169		0.74	A	0.74					
1	FB-W	PL	2231* 9	169		0.75	A	0.75					
1	FB-F	PL	250* 10	168		0.08	A	0.08					
1	FB-F	PL	250* 16	168		0.08	A	0.08					
2	D-STF	PL	121* 16	2690		1.30	C	1.30					
2	D-STF	PL	100* 10	1383		0.55	C	0.55					
2	D-STF	PL	100* 10	1398		0.56	C	0.56					
2	D-STF	PL	90* 9	765		0.28	C	0.28					
2	FB-F	PL	111* 10	169		0.08	A	0.08					
2	D-FLG	PL	111* 10	2691		1.19	C	1.19					
2	FB-F	PL	111* 10	168		0.07	A	0.07					
JL3-JL4							A	1.80	C	15.62			

APPROACH BRIDGE CROSS GIRDER C7 JL4-JL5												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	WEB	PL	677* 9	2935	85	3.38	A	3.38				
JL4-JL5							A	3.38				

APPROACH BRIDGE CROSS GIRDER C7 JL4-JL5CG												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	WEB	PL	1578* 9	2935		9.26	A	9.26				
1	FLG	PL	250* 16	2935		1.47	A	1.47				
1	FB-STF	PL	130* 11	1450		0.38	A	0.38				
2	FB-STF	PL	120* 10	1261		0.61	A	0.61				
2	FB-F	PL	111* 10	2935		1.30	A	1.30				
JL4-JL5CG							A	13.02				

APPROACH BRIDGE CROSS GIRDER C7 JL5-JL6												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	DIA	PL	2690* 9	2727	80	11.74	C	11.74				
1	FB-W	PL	169* 9	2231		0.75	A	0.75				
1	FB-W	PL	169* 9	2178		0.74	A	0.74				
1	FB-F	PL	250* 16	168		0.08	A	0.08				
1	FB-F	PL	280* 16	168		0.09	A	0.09				

Caluculation of Steel Primer

(Unit: mm, m²)

2	D-STF	PL	136* 16	2690		1.46	C	1.46						
2	D-STF	PL	100* 10	1383		0.55	C	0.55						
2	D-STF	PL	100* 10	1398		0.56	C	0.56						
2	D-STF	PL	90* 9	765		0.28	C	0.28						
2	FB-F	PL	111* 10	169		0.08	A	0.08						
2	D-FLG	PL	111* 10	2691		1.19	C	1.19						
2	FB-F	PL	111* 10	169		0.08	A	0.08						
JL5-JL6							A	1.82	C	15.78				

APPROACH BRIDGE CROSS GIRDER C7 JL6-JL6A														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	WEB	PL	647* 9	1908		2.47	A	2.47						
JL6-JL6A							A	2.47						

APPROACH BRIDGE CROSS GIRDER C7 JL6A-JL7														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	WEB	PL	647* 9	3271		4.23	A	4.23						
JL6A-JL7							A	4.23						

APPROACH BRIDGE CROSS GIRDER C7 JL6-JL7CG														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	WEB	PL	1574* 9	5205		16.39	A	16.39						
1	FLG	PL	280* 16	5160		2.89	A	2.89						
1	FB-STF	PL	130* 11	1391		0.36	A	0.36						
1	FB-STF	PL	120* 10	2373		0.57	A	0.57						
1	FB-STF	PL	120* 10	2373		0.57	A	0.57						
2	FB-F	PL	111* 10	5158		2.29	A	2.29						
JL6-JL7CG							A	23.07						

APPROACH BRIDGE CROSS GIRDER C7 JL7-JL8														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	DIA	PL	2729* 9	2989	60	9.79	C	9.79						
1	BR-W	PL	787* 9	606	55	0.52	A	0.52						
2	D-STF	PL	136* 16	1144		0.62	C	0.62						
2	D-STF	PL	100* 10	1397		0.56	C	0.56						
2	D-STF	PL	100* 10	1412		0.56	C	0.56						

Caluculation of Steel Primer

(Unit: mm,m²)

2	D-STF	PL	90* 9	503		0.18	C	0.18							
1	FB-W	PL	2232* 9	166		0.74	A	0.74							
1	FB-F	PL	280* 16	166		0.09	A	0.09							
1	FB-F	PL	111* 10	167		0.04	A	0.04							
1	FB-F	PL	111* 10	172		0.04	A	0.04							
2	D-FLG	PL	111* 10	2545		1.13	C	1.13							
1	BR-F	PL	230* 10	627		0.29	A	0.29							
JL7-JL8							A	1.72	C	12.84					

APPROACH BRIDGE CROSS GIRDER C7 JL8-RR1														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	BR-W	PL	636* 9	1113	65	0.92	A	0.92						
1	BR-STF	PL	90* 9	509		0.09	A	0.09						
1	BR-F	PL	230* 10	1024		0.47	A	0.47						
JL8-RR1							A	1.48						
C7							A	63.76	C	57.02				

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSS GIRDER C8 LL1-JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	BR-W	PL	636* 9	1113	65	0.92	A	0.92				
1	BR-STF	PL	90* 9	509		0.09	A	0.09				
1	BR-F	PL	230* 10	1024		0.47	A	0.47				
LL1-JL1							A	1.48				

APPROACH BRIDGE CROSS GIRDER C8 JL1-JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	DIA	PL	2730* 9	2989	60	9.79	C	9.79				
1	BR-W	PL	787* 9	606	55	0.52	A	0.52				
2	D-STF	PL	121* 10	1144		0.55	C	0.55				
2	D-STF	PL	100* 10	1398		0.56	C	0.56				
2	D-STF	PL	100* 10	1413		0.57	C	0.57				
2	D-STF	PL	90* 9	503		0.18	C	0.18				
1	FB-W	PL	2233* 9	166		0.74	A	0.74				
1	FB-F	PL	250* 10	166		0.08	A	0.08				
1	BR-F	PL	230* 10	627		0.29	A	0.29				
2	D-FLG	PL	111* 10	2545		1.13	C	1.13				
2	FB-F	PL	111* 10	166		0.07	A	0.07				
JL1-JL2							A	1.70	C	12.78		

APPROACH BRIDGE CROSS GIRDER C8 JL2-JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	WEB	PL	673* 9	1285		1.73	A	1.73				
JL2-JL3							A	1.73				

APPROACH BRIDGE CROSS GIRDER C8 JL2-JL3CG												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	WEB	PL	1596* 9	1285		4.10	A	4.10				
1	FLG	PL	250* 10	1287		0.64	A	0.64				
1	FB-STF	PL	130* 11	1392		0.36	A	0.36				
2	FB-STF	PL	110* 9	438		0.19	A	0.19				
2	FB-F	PL	111* 10	1285		0.57	A	0.57				
JL2-JL3CG							A	5.86				

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSS GIRDER C8 JL3-JL4													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks	
1	DIA	PL	2690* 9	2727	80	11.74	C	11.74					
1	FB-W	PL	2182* 9	169		0.74	A	0.74					
1	FB-W	PL	2231* 9	169		0.75	A	0.75					
1	FB-F	PL	250* 10	168		0.08	A	0.08					
1	FB-F	PL	250* 16	168		0.08	A	0.08					
2	D-STF	PL	121* 16	2690		1.30	C	1.30					
2	D-STF	PL	100* 10	1383		0.55	C	0.55					
2	D-STF	PL	100* 10	1398		0.56	C	0.56					
2	D-STF	PL	90* 9	765		0.28	C	0.28					
2	FB-F	PL	111* 10	169		0.08	A	0.08					
2	D-FLG	PL	111* 10	2691		1.19	C	1.19					
2	FB-F	PL	111* 10	168		0.07	A	0.07					
JL3-JL4							A	1.80	C	15.62			

APPROACH BRIDGE CROSS GIRDER C8 JL4-JL5												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	WEB	PL	677* 9	2935	85	3.38	A	3.38				
JL4-JL5							A	3.38				

APPROACH BRIDGE CROSS GIRDER C8 JL4-JL5CG												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	WEB	PL	1578* 9	2935		9.26	A	9.26				
1	FLG	PL	250* 16	2935		1.47	A	1.47				
1	FB-STF	PL	130* 11	1450		0.38	A	0.38				
2	FB-STF	PL	120* 10	1261		0.61	A	0.61				
2	FB-F	PL	111* 10	2935		1.30	A	1.30				
JL4-JL5CG							A	13.02				

APPROACH BRIDGE CROSS GIRDER C8 JL5-JL6												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	DIA	PL	2690* 9	2727	80	11.74	C	11.74				
1	FB-W	PL	169* 9	2231		0.75	A	0.75				
1	FB-W	PL	169* 9	2178		0.74	A	0.74				
1	FB-F	PL	250* 16	168		0.08	A	0.08				
1	FB-F	PL	280* 16	168		0.09	A	0.09				

Caluculation of Steel Primer

(Unit: mm, m²)

2	D-STF	PL	136* 16	2690		1.46	C	1.46						
2	D-STF	PL	100* 10	1383		0.55	C	0.55						
2	D-STF	PL	100* 10	1398		0.56	C	0.56						
2	D-STF	PL	90* 9	765		0.28	C	0.28						
2	FB-F	PL	111* 10	169		0.08	A	0.08						
2	D-FLG	PL	111* 10	2691		1.19	C	1.19						
2	FB-F	PL	111* 10	169		0.08	A	0.08						
JL5-JL6							A	1.82	C	15.78				

APPROACH BRIDGE CROSS GIRDER C8 JL6-JL6A														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	WEB	PL	647* 9	1908		2.47	A	2.47						
JL6-JL6A							A	2.47						

APPROACH BRIDGE CROSS GIRDER C8 JL6A-JL7														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	WEB	PL	647* 9	2893		3.74	A	3.74						
JL6A-JL7							A	3.74						

APPROACH BRIDGE CROSS GIRDER C8 JL6-JL7CG														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	WEB	PL	1574* 9	4829		15.20	A	15.20						
1	FLG	PL	280* 16	4782		2.68	A	2.68						
1	FB-STF	PL	130* 11	1391		0.36	A	0.36						
1	FB-STF	PL	120* 10	2184		0.52	A	0.52						
1	FB-STF	PL	120* 10	2184		0.52	A	0.52						
2	FB-F	PL	111* 10	4781		2.12	A	2.12						
JL6-JL7CG							A	21.40						

APPROACH BRIDGE CROSS GIRDER C8 JL7-JL8														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	DIA	PL	2729* 9	2989	60	9.79	C	9.79						
1	BR-W	PL	787* 9	606	55	0.52	A	0.52						
2	D-STF	PL	136* 16	1144		0.62	C	0.62						
2	D-STF	PL	100* 10	1397		0.56	C	0.56						
2	D-STF	PL	100* 10	1412		0.56	C	0.56						

Caluculation of Steel Primer

(Unit: mm,m²)

2	D-STF	PL	90* 9	503		0.18	C	0.18							
1	FB-W	PL	2232* 9	166		0.74	A	0.74							
1	FB-F	PL	280* 16	166		0.09	A	0.09							
1	FB-F	PL	111* 10	167		0.04	A	0.04							
1	FB-F	PL	111* 10	172		0.04	A	0.04							
2	D-FLG	PL	111* 10	2545		1.13	C	1.13							
1	BR-F	PL	230* 10	627		0.29	A	0.29							
JL7-JL8							A	1.72	C	12.84					

APPROACH BRIDGE CROSS GIRDER C8 JL8-RR1														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	BR-W	PL	636* 9	1113	65	0.92	A	0.92						
1	BR-STF	PL	90* 9	509		0.09	A	0.09						
1	BR-F	PL	230* 10	1024		0.47	A	0.47						
JL8-RR1							A	1.48						
C8							A	61.60	C	57.02				

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSS GIRDER C9 LL1-JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	BR-W	PL	636* 9	1113	65	0.92	A	0.92				
1	BR-STF	PL	90* 9	509		0.09	A	0.09				
1	BR-F	PL	230* 10	1024		0.47	A	0.47				
LL1-JL1							A	1.48				

APPROACH BRIDGE CROSS GIRDER C9 JL1-JL2													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks	
1	DIA	PL	2730* 9	2989	60	9.79	C	9.79					
1	BR-W	PL	788* 9	609	55	0.53	A	0.53					
2	D-STF	PL	121* 10	1144		0.55	C	0.55					
2	D-STF	PL	100* 10	1398		0.56	C	0.56					
2	D-STF	PL	100* 10	1413		0.57	C	0.57					
2	D-STF	PL	90* 9	503		0.18	C	0.18					
1	FB-W	PL	2233* 9	168		0.75	A	0.75					
1	FB-F	PL	250* 10	168		0.08	A	0.08					
1	BR-F	PL	230* 10	633		0.29	A	0.29					
2	D-FLG	PL	111* 10	2545		1.13	C	1.13					
2	FB-F	PL	111* 10	168		0.07	A	0.07					
JL1-JL2							A	1.72	C	12.78			

APPROACH BRIDGE CROSS GIRDER C9 JL2-JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	WEB	PL	673* 9	1285		1.73	A	1.73				
JL2-JL3							A	1.73				

APPROACH BRIDGE CROSS GIRDER C9 JL2-JL3CG												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	WEB	PL	1596* 9	1285		4.10	A	4.10				
1	FLG	PL	250* 10	1287		0.64	A	0.64				
1	FB-STF	PL	130* 11	1392		0.36	A	0.36				
2	FB-STF	PL	110* 9	438		0.19	A	0.19				
2	FB-F	PL	111* 10	1285		0.57	A	0.57				
JL2-JL3CG							A	5.86				

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSS GIRDER C9 JL3-JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	DIA	PL	2690* 9	2727	80	11.74	C	11.74				
1	FB-W	PL	2182* 9	169		0.74	A	0.74				
1	FB-W	PL	2231* 9	169		0.75	A	0.75				
1	FB-F	PL	250* 10	168		0.08	A	0.08				
1	FB-F	PL	250* 16	168		0.08	A	0.08				
2	D-STF	PL	121* 16	2690		1.30	C	1.30				
2	D-STF	PL	100* 10	1383		0.55	C	0.55				
2	D-STF	PL	100* 10	1398		0.56	C	0.56				
2	D-STF	PL	90* 9	765		0.28	C	0.28				
2	FB-F	PL	111* 10	169		0.08	A	0.08				
2	D-FLG	PL	111* 10	2691		1.19	C	1.19				
2	FB-F	PL	111* 10	168		0.07	A	0.07				
JL3-JL4							A	1.80	C	15.62		

APPROACH BRIDGE CROSS GIRDER C9 JL4-JL5												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	WEB	PL	677* 9	2935	85	3.38	A	3.38				
JL4-JL5							A	3.38				

APPROACH BRIDGE CROSS GIRDER C9 JL4-JL5CG												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	WEB	PL	1578* 9	2935		9.26	A	9.26				
1	FLG	PL	250* 16	2935		1.47	A	1.47				
1	FB-STF	PL	130* 11	1450		0.38	A	0.38				
2	FB-STF	PL	120* 10	1261		0.61	A	0.61				
2	FB-F	PL	111* 10	2935		1.30	A	1.30				
JL4-JL5CG							A	13.02				

APPROACH BRIDGE CROSS GIRDER C9 JL5-JL6												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	DIA	PL	2690* 9	2727	80	11.74	C	11.74				
1	FB-W	PL	169* 9	2231		0.75	A	0.75				
1	FB-W	PL	169* 9	2178		0.74	A	0.74				
1	FB-F	PL	250* 16	168		0.08	A	0.08				
1	FB-F	PL	280* 16	168		0.09	A	0.09				

Caluculation of Steel Primer

(Unit: mm, m²)

2	D-STF	PL	136* 16	2690		1.46	C	1.46							
2	D-STF	PL	100* 10	1383		0.55	C	0.55							
2	D-STF	PL	100* 10	1398		0.56	C	0.56							
2	D-STF	PL	90* 9	765		0.28	C	0.28							
2	FB-F	PL	111* 10	169		0.08	A	0.08							
2	D-FLG	PL	111* 10	2691		1.19	C	1.19							
2	FB-F	PL	111* 10	169		0.08	A	0.08							
JL5-JL6							A	1.82	C	15.78					

APPROACH BRIDGE CROSS GIRDER C9 JL6-JL6A														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	WEB	PL	647* 9	1908		2.47	A	2.47						
JL6-JL6A							A	2.47						

APPROACH BRIDGE CROSS GIRDER C9 JL6A-JL7														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	WEB	PL	647* 9	2770		3.58	A	3.58						
JL6A-JL7							A	3.58						

APPROACH BRIDGE CROSS GIRDER C9 JL6-JL7CG														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	WEB	PL	1574* 9	4703		14.81	A	14.81						
1	FLG	PL	280* 16	4656		2.61	A	2.61						
1	FB-STF	PL	130* 11	1391		0.36	A	0.36						
1	FB-STF	PL	120* 10	2121		0.51	A	0.51						
1	FB-STF	PL	120* 10	2121		0.51	A	0.51						
2	FB-F	PL	111* 10	4654		2.07	A	2.07						
JL6-JL7CG							A	20.87						

APPROACH BRIDGE CROSS GIRDER C9 JL7-JL8														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	DIA	PL	2729* 9	2989	60	9.79	C	9.79						
1	BR-W	PL	788* 9	609	55	0.53	A	0.53						
2	D-STF	PL	136* 16	1144		0.62	C	0.62						
2	D-STF	PL	100* 10	1397		0.56	C	0.56						
2	D-STF	PL	100* 10	1412		0.56	C	0.56						

Caluculation of Steel Primer

(Unit: mm,m²)

2	D-STF	PL	90* 9	503		0.18	C	0.18							
1	FB-W	PL	2232* 9	168		0.75	A	0.75							
1	FB-F	PL	280* 16	168		0.09	A	0.09							
1	FB-F	PL	111* 10	167		0.04	A	0.04							
1	FB-F	PL	111* 10	172		0.04	A	0.04							
2	D-FLG	PL	111* 10	2545		1.13	C	1.13							
1	BR-F	PL	230* 10	633		0.29	A	0.29							
JL7-JL8							A	1.74	C	12.84					

APPROACH BRIDGE CROSS GIRDER C9 JL8-RR1														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	BR-W	PL	636* 9	1113	65	0.92	A	0.92						
1	BR-STF	PL	90* 9	509		0.09	A	0.09						
1	BR-F	PL	230* 10	1024		0.47	A	0.47						
JL8-RR1							A	1.48						
C9							A	60.95	C	57.02				

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSS GIRDER C10 LL1-JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	BR-W	PL	636* 9	1113	65	0.92	A	0.92				
1	BR-STF	PL	90* 9	509		0.09	A	0.09				
1	BR-F	PL	230* 10	1024		0.47	A	0.47				
LL1-JL1							A	1.48				

APPROACH BRIDGE CROSS GIRDER C10 JL1-JL2													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks	
1	DIA	PL	2730* 9	2989	60	9.79	C	9.79					
1	BR-W	PL	788* 9	609	55	0.53	A	0.53					
2	D-STF	PL	121* 10	1144		0.55	C	0.55					
2	D-STF	PL	100* 10	1398		0.56	C	0.56					
2	D-STF	PL	100* 10	1413		0.57	C	0.57					
2	D-STF	PL	90* 9	503		0.18	C	0.18					
1	FB-W	PL	2233* 9	168		0.75	A	0.75					
1	FB-F	PL	250* 10	168		0.08	A	0.08					
1	BR-F	PL	230* 10	633		0.29	A	0.29					
2	D-FLG	PL	111* 10	2545		1.13	C	1.13					
2	FB-F	PL	111* 10	168		0.07	A	0.07					
JL1-JL2							A	1.72	C	12.78			

APPROACH BRIDGE CROSS GIRDER C10 JL2-JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	WEB	PL	673* 9	1285		1.73	A	1.73				
JL2-JL3							A	1.73				

APPROACH BRIDGE CROSS GIRDER C10 JL2-JL3CG												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	WEB	PL	1596* 9	1285		4.10	A	4.10				
1	FLG	PL	250* 10	1287		0.64	A	0.64				
1	FB-STF	PL	130* 11	1392		0.36	A	0.36				
2	FB-STF	PL	110* 9	438		0.19	A	0.19				
2	FB-F	PL	111* 10	1285		0.57	A	0.57				
JL2-JL3CG							A	5.86				

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSS GIRDER C10 JL3-JL4														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks		
1	DIA	PL	2690* 9	2727	80	11.74	C	11.74						
1	FB-W	PL	2182* 9	169		0.74	A	0.74						
1	FB-W	PL	2231* 9	169		0.75	A	0.75						
1	FB-F	PL	250* 10	168		0.08	A	0.08						
1	FB-F	PL	250* 16	168		0.08	A	0.08						
2	D-STF	PL	121* 16	2690		1.30	C	1.30						
2	D-STF	PL	100* 10	1383		0.55	C	0.55						
2	D-STF	PL	100* 10	1398		0.56	C	0.56						
2	D-STF	PL	90* 9	765		0.28	C	0.28						
2	FB-F	PL	111* 10	169		0.08	A	0.08						
2	D-FLG	PL	111* 10	2691		1.19	C	1.19						
2	FB-F	PL	111* 10	168		0.07	A	0.07						
JL3-JL4							A	1.80	C	15.62				

APPROACH BRIDGE CROSS GIRDER C10 JL4-JL5													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks	
1	WEB	PL	677* 9	2935	85	3.38	A	3.38					
JL4-JL5							A	3.38					

APPROACH BRIDGE CROSS GIRDER C10 JL4-JL5CG													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks	
1	WEB	PL	1578* 9	2935		9.26	A	9.26					
1	FLG	PL	250* 16	2935		1.47	A	1.47					
1	FB-STF	PL	130* 11	1450		0.38	A	0.38					
2	FB-STF	PL	120* 10	1261		0.61	A	0.61					
2	FB-F	PL	111* 10	2935		1.30	A	1.30					
JL4-JL5CG							A	13.02					

APPROACH BRIDGE CROSS GIRDER C10 JL5-JL6												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	DIA	PL	2690* 9	2727	80	11.74	C	11.74				
1	FB-W	PL	169* 9	2231		0.75	A	0.75				
1	FB-W	PL	169* 9	2178		0.74	A	0.74				
1	FB-F	PL	250* 16	168		0.08	A	0.08				
1	FB-F	PL	280* 16	168		0.09	A	0.09				

Caluculation of Steel Primer

(Unit: mm, m²)

2	D-STF	PL	136* 16	2690		1.46	C	1.46						
2	D-STF	PL	100* 10	1383		0.55	C	0.55						
2	D-STF	PL	100* 10	1398		0.56	C	0.56						
2	D-STF	PL	90* 9	765		0.28	C	0.28						
2	FB-F	PL	111* 10	169		0.08	A	0.08						
2	D-FLG	PL	111* 10	2691		1.19	C	1.19						
2	FB-F	PL	111* 10	169		0.08	A	0.08						
JL5-JL6							A	1.82	C	15.78				

APPROACH BRIDGE CROSS GIRDER C10 JL6-JL6A														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	WEB	PL	647* 9	1908		2.47	A	2.47						
JL6-JL6A							A	2.47						

APPROACH BRIDGE CROSS GIRDER C10 JL6A-JL7														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	WEB	PL	647* 9	2689		3.48	A	3.48						
JL6A-JL7							A	3.48						

APPROACH BRIDGE CROSS GIRDER C10 JL6-JL7CG														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	WEB	PL	1574* 9	4622		14.55	A	14.55						
1	FLG	PL	280* 16	4575		2.56	A	2.56						
1	FB-STF	PL	130* 11	1391		0.36	A	0.36						
1	FB-STF	PL	120* 10	2081		0.50	A	0.50						
1	FB-STF	PL	120* 10	2081		0.50	A	0.50						
2	FB-F	PL	111* 10	4574		2.03	A	2.03						
JL6-JL7CG							A	20.50						

APPROACH BRIDGE CROSS GIRDER C10 JL7-JL8														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	DIA	PL	2729* 9	2989	60	9.79	C	9.79						
1	BR-W	PL	788* 9	609	55	0.53	A	0.53						
2	D-STF	PL	136* 16	1144		0.62	C	0.62						
2	D-STF	PL	100* 10	1397		0.56	C	0.56						
2	D-STF	PL	100* 10	1412		0.56	C	0.56						

Caluculation of Steel Primer

(Unit: mm,m²)

2	D-STF	PL	90* 9	503		0.18	C	0.18							
1	FB-W	PL	2232* 9	168		0.75	A	0.75							
1	FB-F	PL	280* 16	168		0.09	A	0.09							
1	FB-F	PL	111* 10	167		0.04	A	0.04							
1	FB-F	PL	111* 10	172		0.04	A	0.04							
2	D-FLG	PL	111* 10	2545		1.13	C	1.13							
1	BR-F	PL	230* 10	633		0.29	A	0.29							
JL7-JL8							A	1.74	C	12.84					

APPROACH BRIDGE CROSS GIRDER C10 JL8-RR1														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	BR-W	PL	636* 9	1113	65	0.92	A	0.92						
1	BR-STF	PL	90* 9	509		0.09	A	0.09						
1	BR-F	PL	230* 10	1024		0.47	A	0.47						
JL8-RR1							A	1.48						
C10							A	60.48	C	57.02				

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSS GIRDER C11 LL1-JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	BR-W	PL	636* 9	1113	65	0.92	A	0.92				
1	BR-STF	PL	90* 9	509		0.09	A	0.09				
1	BR-F	PL	230* 10	1024		0.47	A	0.47				
LL1-JL1							A	1.48				

APPROACH BRIDGE CROSS GIRDER C11 JL1-JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	DIA	PL	2730* 9	2989	60	9.79	C	9.79				
1	BR-W	PL	788* 9	609	55	0.53	A	0.53				
2	D-STF	PL	121* 10	1144		0.55	C	0.55				
2	D-STF	PL	100* 10	1398		0.56	C	0.56				
2	D-STF	PL	100* 10	1413		0.57	C	0.57				
2	D-STF	PL	90* 9	503		0.18	C	0.18				
1	FB-W	PL	2233* 9	168		0.75	A	0.75				
1	FB-F	PL	250* 10	168		0.08	A	0.08				
1	BR-F	PL	230* 10	633		0.29	A	0.29				
2	D-FLG	PL	111* 10	2545		1.13	C	1.13				
2	FB-F	PL	111* 10	168		0.07	A	0.07				
JL1-JL2							A	1.72	C	12.78		

APPROACH BRIDGE CROSS GIRDER C11 JL2-JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	WEB	PL	673* 9	1285		1.73	A	1.73				
JL2-JL3							A	1.73				

APPROACH BRIDGE CROSS GIRDER C11 JL2-JL3CG												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	WEB	PL	1596* 9	1285		4.10	A	4.10				
1	FLG	PL	250* 10	1287		0.64	A	0.64				
1	FB-STF	PL	130* 11	1392		0.36	A	0.36				
2	FB-STF	PL	110* 9	438		0.19	A	0.19				
2	FB-F	PL	111* 10	1285		0.57	A	0.57				
JL2-JL3CG							A	5.86				

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSS GIRDER C11 JL3-JL4													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks	
1	DIA	PL	2690* 9	2727	80	11.74	C	11.74					
1	FB-W	PL	2182* 9	169		0.74	A	0.74					
1	FB-W	PL	2231* 9	169		0.75	A	0.75					
1	FB-F	PL	250* 10	168		0.08	A	0.08					
1	FB-F	PL	250* 16	168		0.08	A	0.08					
2	D-STF	PL	121* 16	2690		1.30	C	1.30					
2	D-STF	PL	100* 10	1383		0.55	C	0.55					
2	D-STF	PL	100* 10	1398		0.56	C	0.56					
2	D-STF	PL	90* 9	765		0.28	C	0.28					
2	FB-F	PL	111* 10	169		0.08	A	0.08					
2	D-FLG	PL	111* 10	2691		1.19	C	1.19					
2	FB-F	PL	111* 10	168		0.07	A	0.07					
JL3-JL4							A	1.80	C	15.62			

APPROACH BRIDGE CROSS GIRDER C11 JL4-JL5												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	WEB	PL	677* 9	2935	85	3.38	A	3.38				
JL4-JL5							A	3.38				

APPROACH BRIDGE CROSS GIRDER C11 JL4-JL5CG												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	WEB	PL	1578* 9	2935		9.26	A	9.26				
1	FLG	PL	250* 16	2935		1.47	A	1.47				
1	FB-STF	PL	130* 11	1450		0.38	A	0.38				
2	FB-STF	PL	120* 10	1261		0.61	A	0.61				
2	FB-F	PL	111* 10	2935		1.30	A	1.30				
JL4-JL5CG							A	13.02				

APPROACH BRIDGE CROSS GIRDER C11 JL5-JL6												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	DIA	PL	2690* 9	2727	80	11.74	C	11.74				
1	FB-W	PL	169* 9	2231		0.75	A	0.75				
1	FB-W	PL	169* 9	2178		0.74	A	0.74				
1	FB-F	PL	250* 16	168		0.08	A	0.08				
1	FB-F	PL	280* 16	168		0.09	A	0.09				

Caluculation of Steel Primer

(Unit: mm, m²)

2	D-STF	PL	136* 16	2690		1.46	C	1.46							
2	D-STF	PL	100* 10	1383		0.55	C	0.55							
2	D-STF	PL	100* 10	1398		0.56	C	0.56							
2	D-STF	PL	90* 9	765		0.28	C	0.28							
2	FB-F	PL	111* 10	169		0.08	A	0.08							
2	D-FLG	PL	111* 10	2691		1.19	C	1.19							
2	FB-F	PL	111* 10	169		0.08	A	0.08							
JL5-JL6							A	1.82	C	15.78					

APPROACH BRIDGE CROSS GIRDER C11 JL6-JL6A														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	WEB	PL	647* 9	1908		2.47	A	2.47						
JL6-JL6A							A	2.47						

APPROACH BRIDGE CROSS GIRDER C11 JL6A-JL7														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	WEB	PL	647* 9	2653		3.43	A	3.43						
JL6A-JL7							A	3.43						

APPROACH BRIDGE CROSS GIRDER C11 JL6-JL7CG														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	WEB	PL	1574* 9	4587		14.44	A	14.44						
1	FLG	PL	280* 16	4540		2.54	A	2.54						
1	FB-STF	PL	130* 11	1391		0.36	A	0.36						
1	FB-STF	PL	120* 10	2063		0.50	A	0.50						
1	FB-STF	PL	120* 10	2063		0.50	A	0.50						
2	FB-F	PL	111* 10	4538		2.01	A	2.01						
JL6-JL7CG							A	20.35						

APPROACH BRIDGE CROSS GIRDER C11 JL7-JL8														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	DIA	PL	2729* 9	2989	60	9.79	C	9.79						
1	BR-W	PL	788* 9	609	55	0.53	A	0.53						
2	D-STF	PL	136* 16	1144		0.62	C	0.62						
2	D-STF	PL	100* 10	1397		0.56	C	0.56						
2	D-STF	PL	100* 10	1412		0.56	C	0.56						

Caluculation of Steel Primer

(Unit: mm,m²)

2	D-STF	PL	90* 9	503		0.18	C	0.18							
1	FB-W	PL	2232* 9	168		0.75	A	0.75							
1	FB-F	PL	280* 16	168		0.09	A	0.09							
1	FB-F	PL	111* 10	167		0.04	A	0.04							
1	FB-F	PL	111* 10	172		0.04	A	0.04							
2	D-FLG	PL	111* 10	2545		1.13	C	1.13							
1	BR-F	PL	230* 10	633		0.29	A	0.29							
JL7-JL8							A	1.74	C	12.84					

APPROACH BRIDGE CROSS GIRDER C11 JL8-RR1														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	BR-W	PL	636* 9	1113	65	0.92	A	0.92						
1	BR-STF	PL	90* 9	509		0.09	A	0.09						
1	BR-F	PL	230* 10	1024		0.47	A	0.47						
JL8-RR1							A	1.48						
C11							A	60.28	C	57.02				

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSS GIRDER C12 LL1-JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	BR-W	PL	636* 9	1113	65	0.92	A	0.92				
1	BR-STF	PL	90* 9	509		0.09	A	0.09				
1	BR-F	PL	230* 10	1024		0.47	A	0.47				
LL1-JL1							A	1.48				

APPROACH BRIDGE CROSS GIRDER C12 JL1-JL2													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks	
1	DIA	PL	2730* 9	2989	60	9.79	C	9.79					
1	BR-W	PL	788* 9	609	55	0.53	A	0.53					
2	D-STF	PL	121* 10	1144		0.55	C	0.55					
2	D-STF	PL	100* 10	1398		0.56	C	0.56					
2	D-STF	PL	100* 10	1413		0.57	C	0.57					
2	D-STF	PL	90* 9	503		0.18	C	0.18					
1	FB-W	PL	2233* 9	168		0.75	A	0.75					
1	FB-F	PL	250* 10	168		0.08	A	0.08					
1	BR-F	PL	230* 10	633		0.29	A	0.29					
2	D-FLG	PL	111* 10	2545		1.13	C	1.13					
2	FB-F	PL	111* 10	168		0.07	A	0.07					
JL1-JL2							A	1.72	C	12.78			

APPROACH BRIDGE CROSS GIRDER C12 JL2-JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	WEB	PL	673* 9	1285		1.73	A	1.73				
JL2-JL3							A	1.73				

APPROACH BRIDGE CROSS GIRDER C12 JL2-JL3CG												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	WEB	PL	1596* 9	1285		4.10	A	4.10				
1	FLG	PL	250* 10	1287		0.64	A	0.64				
1	FB-STF	PL	130* 11	1392		0.36	A	0.36				
2	FB-STF	PL	110* 9	438		0.19	A	0.19				
2	FB-F	PL	111* 10	1285		0.57	A	0.57				
JL2-JL3CG							A	5.86				

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSS GIRDER C12 JL3-JL4														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks		
1	DIA	PL	2690* 9	2727	80	11.74	C	11.74						
1	FB-W	PL	2182* 9	169		0.74	A	0.74						
1	FB-W	PL	2231* 9	169		0.75	A	0.75						
1	FB-F	PL	250* 10	168		0.08	A	0.08						
1	FB-F	PL	250* 16	168		0.08	A	0.08						
2	D-STF	PL	121* 16	2690		1.30	C	1.30						
2	D-STF	PL	100* 10	1383		0.55	C	0.55						
2	D-STF	PL	100* 10	1398		0.56	C	0.56						
2	D-STF	PL	90* 9	765		0.28	C	0.28						
2	FB-F	PL	111* 10	169		0.08	A	0.08						
2	D-FLG	PL	111* 10	2691		1.19	C	1.19						
2	FB-F	PL	111* 10	168		0.07	A	0.07						
JL3-JL4							A	1.80	C	15.62				

APPROACH BRIDGE CROSS GIRDER C12 JL4-JL5													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks	
1	WEB	PL	677* 9	2935	85	3.38	A	3.38					
JL4-JL5							A	3.38					

APPROACH BRIDGE CROSS GIRDER C12 JL4-JL5CG													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks	
1	WEB	PL	1578* 9	2935		9.26	A	9.26					
1	FLG	PL	250* 16	2935		1.47	A	1.47					
1	FB-STF	PL	130* 11	1450		0.38	A	0.38					
2	FB-STF	PL	120* 10	1261		0.61	A	0.61					
2	FB-F	PL	111* 10	2935		1.30	A	1.30					
JL4-JL5CG							A	13.02					

APPROACH BRIDGE CROSS GIRDER C12 JL5-JL6												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	DIA	PL	2690* 9	2727	80	11.74	C	11.74				
1	FB-W	PL	169* 9	2231		0.75	A	0.75				
1	FB-W	PL	169* 9	2178		0.74	A	0.74				
1	FB-F	PL	250* 16	168		0.08	A	0.08				
1	FB-F	PL	280* 16	168		0.09	A	0.09				

Caluculation of Steel Primer

(Unit: mm, m²)

2	D-STF	PL	136* 16	2690		1.46	C	1.46						
2	D-STF	PL	100* 10	1383		0.55	C	0.55						
2	D-STF	PL	100* 10	1398		0.56	C	0.56						
2	D-STF	PL	90* 9	765		0.28	C	0.28						
2	FB-F	PL	111* 10	169		0.08	A	0.08						
2	D-FLG	PL	111* 10	2691		1.19	C	1.19						
2	FB-F	PL	111* 10	169		0.08	A	0.08						
JL5-JL6							A	1.82	C	15.78				

APPROACH BRIDGE CROSS GIRDER C12 JL6-JL6A														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	WEB	PL	647* 9	1908		2.47	A	2.47						
JL6-JL6A							A	2.47						

APPROACH BRIDGE CROSS GIRDER C12 JL6A-JL7														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	WEB	PL	647* 9	2544		3.29	A	3.29						
JL6A-JL7							A	3.29						

APPROACH BRIDGE CROSS GIRDER C12 JL6-JL7CG														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	WEB	PL	1574* 9	4478		14.10	A	14.10						
1	FLG	PL	280* 16	4430		2.48	A	2.48						
1	FB-STF	PL	130* 11	1391		0.36	A	0.36						
1	FB-STF	PL	120* 10	2008		0.48	A	0.48						
1	FB-STF	PL	120* 10	2008		0.48	A	0.48						
2	FB-F	PL	111* 10	4428		1.97	A	1.97						
JL6-JL7CG							A	19.87						

APPROACH BRIDGE CROSS GIRDER C12 JL7-JL8														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	DIA	PL	2729* 9	2989	60	9.79	C	9.79						
1	BR-W	PL	788* 9	609	55	0.53	A	0.53						
2	D-STF	PL	136* 16	1144		0.62	C	0.62						
2	D-STF	PL	100* 10	1397		0.56	C	0.56						
2	D-STF	PL	100* 10	1412		0.56	C	0.56						

Caluculation of Steel Primer

(Unit: mm,m²)

2	D-STF	PL	90* 9	503		0.18	C	0.18							
1	FB-W	PL	2232* 9	168		0.75	A	0.75							
1	FB-F	PL	280* 16	168		0.09	A	0.09							
1	FB-F	PL	111* 10	167		0.04	A	0.04							
1	FB-F	PL	111* 10	172		0.04	A	0.04							
2	D-FLG	PL	111* 10	2545		1.13	C	1.13							
1	BR-F	PL	230* 10	633		0.29	A	0.29							
JL7-JL8							A	1.74	C	12.84					

APPROACH BRIDGE CROSS GIRDER C12 JL8-RR1														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	BR-W	PL	636* 9	1113	65	0.92	A	0.92						
1	BR-STF	PL	90* 9	509		0.09	A	0.09						
1	BR-F	PL	230* 10	1024		0.47	A	0.47						
JL8-RR1							A	1.48						
C12							A	59.66	C	57.02				

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSS GIRDER C13 LL1-JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	BR-W	PL	636* 9	1113	65	0.92	A	0.92				
1	BR-STF	PL	90* 9	509		0.09	A	0.09				
1	BR-F	PL	230* 10	1024		0.47	A	0.47				
LL1-JL1							A	1.48				

APPROACH BRIDGE CROSS GIRDER C13 JL1-JL2													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks	
1	DIA	PL	2730* 9	2989	60	9.79	C	9.79					
1	BR-W	PL	788* 9	609	55	0.53	A	0.53					
2	D-STF	PL	121* 10	1144		0.55	C	0.55					
2	D-STF	PL	100* 10	1398		0.56	C	0.56					
2	D-STF	PL	100* 10	1413		0.57	C	0.57					
2	D-STF	PL	90* 9	503		0.18	C	0.18					
1	FB-W	PL	2233* 9	168		0.75	A	0.75					
1	FB-F	PL	250* 10	168		0.08	A	0.08					
1	BR-F	PL	230* 10	633		0.29	A	0.29					
2	D-FLG	PL	111* 10	2545		1.13	C	1.13					
2	FB-F	PL	111* 10	168		0.07	A	0.07					
JL1-JL2							A	1.72	C	12.78			

APPROACH BRIDGE CROSS GIRDER C13 JL2-JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	WEB	PL	673* 9	1285		1.73	A	1.73				
JL2-JL3							A	1.73				

APPROACH BRIDGE CROSS GIRDER C13 JL2-JL3CG												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	WEB	PL	1596* 9	1285		4.10	A	4.10				
1	FLG	PL	250* 10	1287		0.64	A	0.64				
1	FB-STF	PL	130* 11	1392		0.36	A	0.36				
2	FB-STF	PL	110* 9	438		0.19	A	0.19				
2	FB-F	PL	111* 10	1285		0.57	A	0.57				
JL2-JL3CG							A	5.86				

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSS GIRDER C13 JL3-JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	DIA	PL	2690* 9	2727	80	11.74	C	11.74				
1	FB-W	PL	2182* 9	169		0.74	A	0.74				
1	FB-W	PL	2231* 9	169		0.75	A	0.75				
1	FB-F	PL	250* 10	168		0.08	A	0.08				
1	FB-F	PL	250* 16	168		0.08	A	0.08				
2	D-STF	PL	121* 16	2690		1.30	C	1.30				
2	D-STF	PL	100* 10	1383		0.55	C	0.55				
2	D-STF	PL	100* 10	1398		0.56	C	0.56				
2	D-STF	PL	90* 9	765		0.28	C	0.28				
2	FB-F	PL	111* 10	169		0.08	A	0.08				
2	D-FLG	PL	111* 10	2691		1.19	C	1.19				
2	FB-F	PL	111* 10	168		0.07	A	0.07				
JL3-JL4							A	1.80	C	15.62		

APPROACH BRIDGE CROSS GIRDER C13 JL4-JL5												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	WEB	PL	677* 9	2935	85	3.38	A	3.38				
JL4-JL5							A	3.38				

APPROACH BRIDGE CROSS GIRDER C13 JL4-JL5CG												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	WEB	PL	1578* 9	2935		9.26	A	9.26				
1	FLG	PL	250* 16	2935		1.47	A	1.47				
1	FB-STF	PL	130* 11	1450		0.38	A	0.38				
2	FB-STF	PL	120* 10	1261		0.61	A	0.61				
2	FB-F	PL	111* 10	2936		1.30	A	1.30				
JL4-JL5CG							A	13.02				

APPROACH BRIDGE CROSS GIRDER C13 JL5-JL6												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	DIA	PL	2690* 9	2727	80	11.74	C	11.74				
1	FB-W	PL	2231* 9	169		0.75	A	0.75				
1	FB-W	PL	2178* 9	169		0.74	A	0.74				
1	FB-F	PL	250* 16	168		0.08	A	0.08				
1	FB-F	PL	250* 10	168		0.08	A	0.08				

Caluculation of Steel Primer

(Unit: mm, m²)

2	D-STF	PL	121* 16	2690		1.30	C	1.30							
2	D-STF	PL	100* 10	1383		0.55	C	0.55							
2	D-STF	PL	100* 10	1398		0.56	C	0.56							
2	D-STF	PL	90* 9	765		0.28	C	0.28							
2	FB-F	PL	111* 10	169		0.08	A	0.08							
2	D-FLG	PL	111* 10	2691		1.19	C	1.19							
2	FB-F	PL	111* 10	169		0.08	A	0.08							
JL5-JL6							A	1.81	C	15.62					

APPROACH BRIDGE CROSS GIRDER C13 JL6-JL6A														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	WEB	PL	647* 9	1908		2.47	A	2.47						
JL6-JL6A							A	2.47						

APPROACH BRIDGE CROSS GIRDER C13 JL6A-JL7														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	WEB	PL	647* 9	1847		2.39	A	2.39						
JL6A-JL7							A	2.39						

APPROACH BRIDGE CROSS GIRDER C13 JL6-JL7CG														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	WEB	PL	1573* 9	3787		11.91	A	11.91						
1	FLG	PL	250* 10	3737		1.87	A	1.87						
1	FB-STF	PL	130* 11	1383		0.36	A	0.36						
1	FB-STF	PL	120* 10	1113		0.27	A	0.27						
1	FB-STF	PL	120* 10	2212		0.53	A	0.53						
2	FB-F	PL	111* 10	3735		1.66	A	1.66						
JL6-JL7CG							A	16.60						

APPROACH BRIDGE CROSS GIRDER C13 JL7-JL8														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	DIA	PL	2730* 9	2989	60	9.79	C	9.79						
1	BR-W	PL	788* 9	609	55	0.53	A	0.53						
2	D-STF	PL	121* 10	1144		0.55	C	0.55						
2	D-STF	PL	100* 10	1397		0.56	C	0.56						
2	D-STF	PL	100* 10	1412		0.56	C	0.56						

Caluculation of Steel Primer

(Unit: mm,m²)

2	D-STF	PL	90* 9	503		0.18	C	0.18							
1	FB-W	PL	2232* 9	168		0.75	A	0.75							
1	FB-F	PL	250* 10	168		0.08	A	0.08							
1	FB-F	PL	111* 10	167		0.04	A	0.04							
1	FB-F	PL	111* 10	172		0.04	A	0.04							
2	D-FLG	PL	111* 10	2545		1.13	C	1.13							
1	BR-F	PL	230* 10	633		0.29	A	0.29							
JL7-JL8							A	1.73	C	12.77					

APPROACH BRIDGE CROSS GIRDER C13 JL8-RR1														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	BR-W	PL	636* 9	1113	65	0.92	A	0.92						
1	BR-STF	PL	90* 9	509		0.09	A	0.09						
1	BR-F	PL	230* 10	1024		0.47	A	0.47						
JL8-RR1							A	1.48						
C13							A	55.47	C	56.79				

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSS GIRDER C14 LL1-JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	BR-W	PL	636* 9	1113	65	0.92	A	0.92				
1	BR-STF	PL	90* 9	509		0.09	A	0.09				
1	BR-F	PL	230* 10	1024		0.47	A	0.47				
LL1-JL1							A	1.48				

APPROACH BRIDGE CROSS GIRDER C14 JL1-JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	DIA	PL	2730* 9	2989	60	9.79	C	9.79				
1	BR-W	PL	787* 9	606	55	0.52	A	0.52				
2	D-STF	PL	121* 10	1144		0.55	C	0.55				
2	D-STF	PL	100* 10	1398		0.56	C	0.56				
2	D-STF	PL	100* 10	1413		0.57	C	0.57				
2	D-STF	PL	90* 9	503		0.18	C	0.18				
1	FB-W	PL	2233* 9	166		0.74	A	0.74				
1	FB-F	PL	250* 10	166		0.08	A	0.08				
1	BR-F	PL	230* 10	627		0.29	A	0.29				
2	D-FLG	PL	111* 10	2545		1.13	C	1.13				
2	FB-F	PL	111* 10	166		0.07	A	0.07				
JL1-JL2							A	1.70	C	12.78		

APPROACH BRIDGE CROSS GIRDER C14 JL2-JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	WEB	PL	673* 9	1285		1.73	A	1.73				
JL2-JL3							A	1.73				

APPROACH BRIDGE CROSS GIRDER C14 JL2-JL3CG												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	WEB	PL	1596* 9	1285		4.10	A	4.10				
1	FLG	PL	250* 10	1287		0.64	A	0.64				
1	FB-STF	PL	130* 11	1392		0.36	A	0.36				
2	FB-STF	PL	110* 9	438		0.19	A	0.19				
2	FB-F	PL	111* 10	1285		0.57	A	0.57				
JL2-JL3CG							A	5.86				

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSS GIRDER C14 JL3-JL4														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks		
1	DIA	PL	2690* 9	2727	80	11.74	C	11.74						
1	FB-W	PL	2182* 9	169		0.74	A	0.74						
1	FB-W	PL	2231* 9	169		0.75	A	0.75						
1	FB-F	PL	250* 10	168		0.08	A	0.08						
1	FB-F	PL	250* 16	168		0.08	A	0.08						
2	D-STF	PL	121* 16	2690		1.30	C	1.30						
2	D-STF	PL	100* 10	1383		0.55	C	0.55						
2	D-STF	PL	100* 10	1398		0.56	C	0.56						
2	D-STF	PL	90* 9	765		0.28	C	0.28						
2	FB-F	PL	111* 10	169		0.08	A	0.08						
2	D-FLG	PL	111* 10	2691		1.19	C	1.19						
2	FB-F	PL	111* 10	168		0.07	A	0.07						
JL3-JL4							A	1.80	C	15.62				

APPROACH BRIDGE CROSS GIRDER C14 JL4-JL5													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks	
1	WEB	PL	677* 9	2935	85	3.38	A	3.38					
JL4-JL5							A	3.38					

APPROACH BRIDGE CROSS GIRDER C14 JL4-JL5CG													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks	
1	WEB	PL	1578* 9	2935		9.26	A	9.26					
1	FLG	PL	250* 16	2935		1.47	A	1.47					
1	FB-STF	PL	130* 11	1450		0.38	A	0.38					
2	FB-STF	PL	120* 10	1261		0.61	A	0.61					
2	FB-F	PL	111* 10	2936		1.30	A	1.30					
JL4-JL5CG							A	13.02					

APPROACH BRIDGE CROSS GIRDER C14 JL5-JL6												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	DIA	PL	2690* 9	2727	80	11.74	C	11.74				
1	FB-W	PL	2231* 9	169		0.75	A	0.75				
1	FB-W	PL	2178* 9	169		0.74	A	0.74				
1	FB-F	PL	250* 16	168		0.08	A	0.08				
1	FB-F	PL	250* 10	168		0.08	A	0.08				

Caluculation of Steel Primer

(Unit: mm, m²)

2	D-STF	PL	121* 16	2690		1.30	C	1.30						
2	D-STF	PL	100* 10	1383		0.55	C	0.55						
2	D-STF	PL	100* 10	1398		0.56	C	0.56						
2	D-STF	PL	90* 9	765		0.28	C	0.28						
2	FB-F	PL	111* 10	169		0.08	A	0.08						
2	D-FLG	PL	111* 10	2691		1.19	C	1.19						
2	FB-F	PL	111* 10	169		0.08	A	0.08						
JL5-JL6							A	1.81	C	15.62				

APPROACH BRIDGE CROSS GIRDER C14 JL6-JL7														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	WEB	PL	647* 9	3054		3.95	A	3.95						
JL6-JL7							A	3.95						

APPROACH BRIDGE CROSS GIRDER C14 JL6-JL7CG														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	WEB	PL	1634* 9	3040		9.93	A	9.93						
1	FLG	PL	250* 10	3042		1.52	A	1.52						
1	FB-STF	PL	130* 11	1391		0.36	A	0.36						
1	FB-STF	PL	110* 9	1315		0.29	A	0.29						
1	FB-STF	PL	110* 9	1315		0.29	A	0.29						
2	FB-F	PL	111* 10	3040		1.35	A	1.35						
JL6-JL7CG							A	13.74						

APPROACH BRIDGE CROSS GIRDER C14 JL7-JL8														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	DIA	PL	2730* 9	2989	60	9.79	C	9.79						
1	BR-W	PL	787* 9	606	55	0.52	A	0.52						
2	D-STF	PL	121* 10	1144		0.55	C	0.55						
2	D-STF	PL	100* 10	1397		0.56	C	0.56						
2	D-STF	PL	100* 10	1412		0.56	C	0.56						
2	D-STF	PL	90* 9	503		0.18	C	0.18						
1	FB-W	PL	2232* 9	166		0.74	A	0.74						
1	FB-F	PL	250* 10	166		0.08	A	0.08						
1	FB-F	PL	111* 10	167		0.04	A	0.04						
1	FB-F	PL	111* 10	172		0.04	A	0.04						
2	D-FLG	PL	111* 10	2545		1.13	C	1.13						
1	BR-F	PL	230* 10	627		0.29	A	0.29						

Caluculation of Steel Primer

(Unit: mm,m²)

JL7-JL8										A	1.71	C	12.77				
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APPROACH BRIDGE CROSS GIRDER C14 JL8-RR1																
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area								Remarks	
1	BR-W	PL	636* 9	1113	65	0.92	A	0.92								
1	BR-STF	PL	90* 9	509		0.09	A	0.09								
1	BR-F	PL	230* 10	1024		0.47	A	0.47								
JL8-RR1							A	1.48								
C14							A	51.66	C	56.79						

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSS GIRDER C15 LL1-JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	BR-W	PL	636* 9	1113	65	0.92	A	0.92				
1	BR-STF	PL	90* 9	509		0.09	A	0.09				
1	BR-F	PL	230* 10	1024		0.47	A	0.47				
LL1-JL1							A	1.48				

APPROACH BRIDGE CROSS GIRDER C15 JL1-JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	DIA	PL	2730* 9	2989	60	9.79	C	9.79				
1	BR-W	PL	788* 9	609	55	0.53	A	0.53				
2	D-STF	PL	121* 10	1144		0.55	C	0.55				
2	D-STF	PL	100* 10	1398		0.56	C	0.56				
2	D-STF	PL	100* 10	1413		0.57	C	0.57				
2	D-STF	PL	90* 9	503		0.18	C	0.18				
1	FB-W	PL	2233* 9	168		0.75	A	0.75				
1	FB-F	PL	250* 10	168		0.08	A	0.08				
1	BR-F	PL	230* 10	633		0.29	A	0.29				
2	D-FLG	PL	111* 10	2545		1.13	C	1.13				
2	FB-F	PL	111* 10	168		0.07	A	0.07				
JL1-JL2							A	1.72	C	12.78		

APPROACH BRIDGE CROSS GIRDER C15 JL2-JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	WEB	PL	673* 9	1285		1.73	A	1.73				
JL2-JL3							A	1.73				

APPROACH BRIDGE CROSS GIRDER C15 JL2-JL3CG												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	WEB	PL	1596* 9	1285		4.10	A	4.10				
1	FLG	PL	250* 10	1287		0.64	A	0.64				
1	FB-STF	PL	130* 11	1392		0.36	A	0.36				
2	FB-STF	PL	110* 9	438		0.19	A	0.19				
2	FB-F	PL	111* 10	1285		0.57	A	0.57				
JL2-JL3CG							A	5.86				

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSS GIRDER C15 JL3-JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	DIA	PL	2690* 9	2727	80	11.74	C	11.74				
1	FB-W	PL	2182* 9	169		0.74	A	0.74				
1	FB-W	PL	2231* 9	169		0.75	A	0.75				
1	FB-F	PL	250* 10	168		0.08	A	0.08				
1	FB-F	PL	250* 16	168		0.08	A	0.08				
2	D-STF	PL	121* 16	2690		1.30	C	1.30				
2	D-STF	PL	100* 10	1383		0.55	C	0.55				
2	D-STF	PL	100* 10	1398		0.56	C	0.56				
2	D-STF	PL	90* 9	765		0.28	C	0.28				
2	FB-F	PL	111* 10	169		0.08	A	0.08				
2	D-FLG	PL	111* 10	2691		1.19	C	1.19				
2	FB-F	PL	111* 10	168		0.07	A	0.07				
JL3-JL4							A	1.80	C	15.62		

APPROACH BRIDGE CROSS GIRDER C15 JL4-JL5												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	WEB	PL	677* 9	2935	85	3.38	A	3.38				
JL4-JL5							A	3.38				

APPROACH BRIDGE CROSS GIRDER C15 JL4-JL5CG												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	WEB	PL	1578* 9	2935		9.26	A	9.26				
1	FLG	PL	250* 16	2935		1.47	A	1.47				
1	FB-STF	PL	130* 11	1450		0.38	A	0.38				
2	FB-STF	PL	120* 10	1261		0.61	A	0.61				
2	FB-F	PL	111* 10	2936		1.30	A	1.30				
JL4-JL5CG							A	13.02				

APPROACH BRIDGE CROSS GIRDER C15 JL5-JL6												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	DIA	PL	2690* 9	2727	80	11.74	C	11.74				
1	FB-W	PL	2231* 9	169		0.75	A	0.75				
1	FB-W	PL	2178* 9	169		0.74	A	0.74				
1	FB-F	PL	250* 16	168		0.08	A	0.08				
1	FB-F	PL	250* 10	168		0.08	A	0.08				

Caluculation of Steel Primer

(Unit: mm, m²)

2	D-STF	PL	121* 16	2690		1.30	C	1.30							
2	D-STF	PL	100* 10	1383		0.55	C	0.55							
2	D-STF	PL	100* 10	1398		0.56	C	0.56							
2	D-STF	PL	90* 9	765		0.28	C	0.28							
2	FB-F	PL	111* 10	169		0.08	A	0.08							
2	D-FLG	PL	111* 10	2691		1.19	C	1.19							
2	FB-F	PL	111* 10	169		0.08	A	0.08							
JL5-JL6							A	1.81	C	15.62					

APPROACH BRIDGE CROSS GIRDER C15 JL6-JL7														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	WEB	PL	647* 9	1732		2.24	A	2.24						
JL6-JL7							A	2.24						

APPROACH BRIDGE CROSS GIRDER C15 JL6-JL7CG														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	WEB	PL	1412* 9	1781		5.03	A	5.03						
1	FLG	PL	250* 10	1718		0.86	A	0.86						
1	FB-STF	PL	130* 11	1391		0.36	A	0.36						
1	FB-STF	PL	110* 9	652		0.14	A	0.14						
1	FB-STF	PL	110* 9	652		0.14	A	0.14						
2	FB-F	PL	111* 10	1716		0.76	A	0.76						
JL6-JL7CG							A	7.29						

APPROACH BRIDGE CROSS GIRDER C15 JL7-JL8														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	DIA	PL	2730* 9	2989	60	9.79	C	9.79						
1	BR-W	PL	788* 9	609	55	0.53	A	0.53						
2	D-STF	PL	121* 10	1144		0.55	C	0.55						
2	D-STF	PL	100* 10	1397		0.56	C	0.56						
2	D-STF	PL	100* 10	1412		0.56	C	0.56						
2	D-STF	PL	90* 9	503		0.18	C	0.18						
1	FB-W	PL	2232* 9	168		0.75	A	0.75						
1	FB-F	PL	250* 10	168		0.08	A	0.08						
1	FB-F	PL	111* 10	167		0.04	A	0.04						
1	FB-F	PL	111* 10	172		0.04	A	0.04						
2	D-FLG	PL	111* 10	2545		1.13	C	1.13						
1	BR-F	PL	230* 10	633		0.29	A	0.29						

Caluculation of Steel Primer

(Unit: mm,m²)

JL7-JL8										A	1.73	C	12.77				
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APPROACH BRIDGE CROSS GIRDER C15 JL8-RR1																	
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area										Remarks
1	BR-W	PL	636* 9	1113	65	0.92	A	0.92									
1	BR-STF	PL	90* 9	509		0.09	A	0.09									
1	BR-F	PL	230* 10	1024		0.47	A	0.47									
JL8-RR1							A	1.48									
C15							A	43.54	C	56.79							

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSS GIRDER C16 LL1-JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	BR-W	PL	636* 9	1113	65	0.92	A	0.92				
1	BR-STF	PL	90* 9	509		0.09	A	0.09				
1	BR-F	PL	230* 10	1024		0.47	A	0.47				
LL1-JL1							A	1.48				

APPROACH BRIDGE CROSS GIRDER C16 JL1-JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	DIA	PL	2730* 9	2989	60	9.79	C	9.79				
1	BR-W	PL	788* 9	609	55	0.53	A	0.53				
2	D-STF	PL	121* 10	1144		0.55	C	0.55				
2	D-STF	PL	100* 10	1398		0.56	C	0.56				
2	D-STF	PL	100* 10	1413		0.57	C	0.57				
2	D-STF	PL	90* 9	503		0.18	C	0.18				
1	FB-W	PL	2233* 9	168		0.75	A	0.75				
1	FB-F	PL	250* 10	168		0.08	A	0.08				
1	BR-F	PL	230* 10	633		0.29	A	0.29				
2	D-FLG	PL	111* 10	2545		1.13	C	1.13				
2	FB-F	PL	111* 10	168		0.07	A	0.07				
JL1-JL2							A	1.72	C	12.78		

APPROACH BRIDGE CROSS GIRDER C16 JL2-JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	WEB	PL	673* 9	1285		1.73	A	1.73				
JL2-JL3							A	1.73				

APPROACH BRIDGE CROSS GIRDER C16 JL2-JL3CG												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	WEB	PL	1596* 9	1285		4.10	A	4.10				
1	FLG	PL	250* 10	1287		0.64	A	0.64				
1	FB-STF	PL	130* 11	1392		0.36	A	0.36				
2	FB-STF	PL	110* 9	438		0.19	A	0.19				
2	FB-F	PL	111* 10	1285		0.57	A	0.57				
JL2-JL3CG							A	5.86				

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSS GIRDER C16 JL3-JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	DIA	PL	2690* 9	2727	80	11.74	C	11.74				
1	FB-W	PL	2182* 9	169		0.74	A	0.74				
1	FB-W	PL	2231* 9	169		0.75	A	0.75				
1	FB-F	PL	250* 10	168		0.08	A	0.08				
1	FB-F	PL	250* 16	168		0.08	A	0.08				
2	D-STF	PL	121* 16	2690		1.30	C	1.30				
2	D-STF	PL	100* 10	1383		0.55	C	0.55				
2	D-STF	PL	100* 10	1398		0.56	C	0.56				
2	D-STF	PL	90* 9	765		0.28	C	0.28				
2	FB-F	PL	111* 10	169		0.08	A	0.08				
2	D-FLG	PL	111* 10	2691		1.19	C	1.19				
2	FB-F	PL	111* 10	168		0.07	A	0.07				
JL3-JL4							A	1.80	C	15.62		

APPROACH BRIDGE CROSS GIRDER C16 JL4-JL5												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	WEB	PL	677* 9	2935	85	3.38	A	3.38				
JL4-JL5							A	3.38				

APPROACH BRIDGE CROSS GIRDER C16 JL4-JL5CG												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	WEB	PL	1578* 9	2935		9.26	A	9.26				
1	FLG	PL	250* 16	2935		1.47	A	1.47				
1	FB-STF	PL	130* 11	1450		0.38	A	0.38				
2	FB-STF	PL	120* 10	1261		0.61	A	0.61				
2	FB-F	PL	111* 10	2936		1.30	A	1.30				
JL4-JL5CG							A	13.02				

APPROACH BRIDGE CROSS GIRDER C16 JL5-JL6												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	DIA	PL	2690* 9	2727	80	11.74	C	11.74				
1	FB-W	PL	2231* 9	169		0.75	A	0.75				
1	FB-W	PL	2178* 9	169		0.74	A	0.74				
1	FB-F	PL	250* 16	168		0.08	A	0.08				
1	FB-F	PL	250* 10	168		0.08	A	0.08				

Caluculation of Steel Primer

(Unit: mm, m²)

2	D-STF	PL	121* 16	2690		1.30	C	1.30						
2	D-STF	PL	100* 10	1383		0.55	C	0.55						
2	D-STF	PL	100* 10	1398		0.56	C	0.56						
2	D-STF	PL	90* 9	765		0.28	C	0.28						
2	FB-F	PL	111* 10	169		0.08	A	0.08						
2	D-FLG	PL	111* 10	2691		1.19	C	1.19						
2	FB-F	PL	111* 10	169		0.08	A	0.08						
JL5-JL6							A	1.81	C	15.62				

APPROACH BRIDGE CROSS GIRDER C16 JL6-JL7														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	WEB	PL	673* 9	1285		1.73	A	1.73						
JL6-JL7							A	1.73						

APPROACH BRIDGE CROSS GIRDER C16 JL6-JL7CG														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	WEB	PL	1426* 9	1285		3.66	A	3.66						
1	FLG	PL	250* 10	1286		0.64	A	0.64						
1	FB-STF	PL	130* 11	1384		0.36	A	0.36						
1	FB-STF	PL	110* 9	428		0.09	A	0.09						
1	FB-STF	PL	110* 9	427		0.09	A	0.09						
2	FB-F	PL	111* 10	1286		0.57	A	0.57						
JL6-JL7CG							A	5.41						

APPROACH BRIDGE CROSS GIRDER C16 JL7-JL8														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	DIA	PL	2730* 9	2989	60	9.79	C	9.79						
1	BR-W	PL	788* 9	609	55	0.53	A	0.53						
2	D-STF	PL	121* 10	1144		0.55	C	0.55						
2	D-STF	PL	100* 10	1398		0.56	C	0.56						
2	D-STF	PL	100* 10	1413		0.57	C	0.57						
2	D-STF	PL	90* 9	503		0.18	C	0.18						
1	FB-W	PL	2232* 9	168		0.75	A	0.75						
1	FB-F	PL	250* 10	168		0.08	A	0.08						
2	FB-F	PL	111* 10	168		0.07	A	0.07						
2	D-FLG	PL	111* 10	2545		1.13	C	1.13						
1	BR-F	PL	230* 10	633		0.29	A	0.29						

Caluculation of Steel Primer

(Unit: mm, m²)

JL7-JL8				A	1.72	C	12.78				
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APPROACH BRIDGE CROSS GIRDER C16 JL8-RR1													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks	
1	BR-W	PL	636* 9	1113	65	0.92	A	0.92					
1	BR-STF	PL	90* 9	509		0.09	A	0.09					
1	BR-F	PL	230* 10	1024		0.47	A	0.47					
JL8-RR1							A	1.48					
C16							A	41.14	C	56.80			

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSS GIRDER C17 LL1-JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	BR-W	PL	636* 9	1113	65	0.92	A	0.92				
1	BR-STF	PL	90* 9	509		0.09	A	0.09				
1	BR-F	PL	230* 10	1024		0.47	A	0.47				
LL1-JL1							A	1.48				

APPROACH BRIDGE CROSS GIRDER C17 JL1-JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	DIA	PL	2730* 9	2989	60	9.79	C	9.79				
1	BR-W	PL	788* 9	609	55	0.53	A	0.53				
2	D-STF	PL	121* 10	1144		0.55	C	0.55				
2	D-STF	PL	100* 10	1398		0.56	C	0.56				
2	D-STF	PL	100* 10	1413		0.57	C	0.57				
2	D-STF	PL	90* 9	503		0.18	C	0.18				
1	FB-W	PL	2233* 9	168		0.75	A	0.75				
1	FB-F	PL	250* 10	168		0.08	A	0.08				
1	BR-F	PL	230* 10	633		0.29	A	0.29				
2	D-FLG	PL	111* 10	2545		1.13	C	1.13				
2	FB-F	PL	111* 10	168		0.07	A	0.07				
JL1-JL2							A	1.72	C	12.78		

APPROACH BRIDGE CROSS GIRDER C17 JL2-JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	WEB	PL	673* 9	1285		1.73	A	1.73				
JL2-JL3							A	1.73				

APPROACH BRIDGE CROSS GIRDER C17 JL2-JL3CG												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	WEB	PL	1596* 9	1285		4.10	A	4.10				
1	FLG	PL	250* 10	1287		0.64	A	0.64				
1	FB-STF	PL	130* 11	1392		0.36	A	0.36				
2	FB-STF	PL	110* 9	438		0.19	A	0.19				
2	FB-F	PL	111* 10	1285		0.57	A	0.57				
JL2-JL3CG							A	5.86				

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSS GIRDER C17 JL3-JL4													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks	
1	DIA	PL	2690* 9	2727	80	11.74	C	11.74					
1	FB-W	PL	2182* 9	169		0.74	A	0.74					
1	FB-W	PL	2231* 9	169		0.75	A	0.75					
1	FB-F	PL	250* 10	168		0.08	A	0.08					
1	FB-F	PL	250* 16	168		0.08	A	0.08					
2	D-STF	PL	121* 16	2690		1.30	C	1.30					
2	D-STF	PL	100* 10	1383		0.55	C	0.55					
2	D-STF	PL	100* 10	1398		0.56	C	0.56					
2	D-STF	PL	90* 9	765		0.28	C	0.28					
2	FB-F	PL	111* 10	169		0.08	A	0.08					
2	D-FLG	PL	111* 10	2691		1.19	C	1.19					
2	FB-F	PL	111* 10	168		0.07	A	0.07					
JL3-JL4							A	1.80	C	15.62			

APPROACH BRIDGE CROSS GIRDER C17 JL4-JL5												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	WEB	PL	677* 9	2935	85	3.38	A	3.38				
JL4-JL5							A	3.38				

APPROACH BRIDGE CROSS GIRDER C17 JL4-JL5CG												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	WEB	PL	1578* 9	2935		9.26	A	9.26				
1	FLG	PL	250* 16	2935		1.47	A	1.47				
1	FB-STF	PL	130* 11	1450		0.38	A	0.38				
2	FB-STF	PL	120* 10	1261		0.61	A	0.61				
2	FB-F	PL	111* 10	2936		1.30	A	1.30				
JL4-JL5CG							A	13.02				

APPROACH BRIDGE CROSS GIRDER C17 JL5-JL6												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	DIA	PL	2690* 9	2727	80	11.74	C	11.74				
1	FB-W	PL	2231* 9	169		0.75	A	0.75				
1	FB-W	PL	2178* 9	169		0.74	A	0.74				
1	FB-F	PL	250* 16	168		0.08	A	0.08				
1	FB-F	PL	250* 10	168		0.08	A	0.08				

Caluculation of Steel Primer

(Unit: mm, m²)

2	D-STF	PL	121* 16	2690		1.30	C	1.30							
2	D-STF	PL	100* 10	1383		0.55	C	0.55							
2	D-STF	PL	100* 10	1398		0.56	C	0.56							
2	D-STF	PL	90* 9	765		0.28	C	0.28							
2	FB-F	PL	111* 10	169		0.08	A	0.08							
2	D-FLG	PL	111* 10	2691		1.19	C	1.19							
2	FB-F	PL	111* 10	169		0.08	A	0.08							
JL5-JL6							A	1.81	C	15.62					

APPROACH BRIDGE CROSS GIRDER C17 JL6-JL7														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	WEB	PL	673* 9	1285		1.73	A	1.73						
JL6-JL7							A	1.73						

APPROACH BRIDGE CROSS GIRDER C17 JL6-JL7CG														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	WEB	PL	1426* 9	1285		3.66	A	3.66						
1	FLG	PL	250* 10	1286		0.64	A	0.64						
1	FB-STF	PL	130* 11	1384		0.36	A	0.36						
1	FB-STF	PL	110* 9	428		0.09	A	0.09						
1	FB-STF	PL	110* 9	427		0.09	A	0.09						
2	FB-F	PL	111* 10	1286		0.57	A	0.57						
JL6-JL7CG							A	5.41						

APPROACH BRIDGE CROSS GIRDER C17 JL7-JL8														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	DIA	PL	2730* 9	2989	60	9.79	C	9.79						
1	BR-W	PL	788* 9	609	55	0.53	A	0.53						
2	D-STF	PL	121* 10	1144		0.55	C	0.55						
2	D-STF	PL	100* 10	1398		0.56	C	0.56						
2	D-STF	PL	100* 10	1413		0.57	C	0.57						
2	D-STF	PL	90* 9	503		0.18	C	0.18						
1	FB-W	PL	2232* 9	168		0.75	A	0.75						
1	FB-F	PL	250* 10	168		0.08	A	0.08						
2	FB-F	PL	111* 10	168		0.07	A	0.07						
2	D-FLG	PL	111* 10	2545		1.13	C	1.13						
1	BR-F	PL	230* 10	633		0.29	A	0.29						

Caluculation of Steel Primer

(Unit: mm, m²)

JL7-JL8		A	1.72	C	12.78				
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APPROACH BRIDGE CROSS GIRDER C17 JL8-RR1													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
1	BR-W	PL	636* 9	1113	65	0.92	A	0.92					
1	BR-STF	PL	90* 9	509		0.09	A	0.09					
1	BR-F	PL	230* 10	1024		0.47	A	0.47					
JL8-RR1							A	1.48					
C17							A	41.14	C	56.80			

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSS GIRDER C18 LL1-JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	BR-W	PL	636* 9	1113	65	0.92	A	0.92				
1	BR-STF	PL	90* 9	509		0.09	A	0.09				
1	BR-F	PL	230* 10	1024		0.47	A	0.47				
LL1-JL1							A	1.48				

APPROACH BRIDGE CROSS GIRDER C18 JL1-JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	DIA	PL	2730* 9	2989	60	9.79	C	9.79				
1	BR-W	PL	787* 9	606	55	0.52	A	0.52				
2	D-STF	PL	121* 10	1144		0.55	C	0.55				
2	D-STF	PL	100* 10	1398		0.56	C	0.56				
2	D-STF	PL	100* 10	1413		0.57	C	0.57				
2	D-STF	PL	90* 9	503		0.18	C	0.18				
1	FB-W	PL	2233* 9	166		0.74	A	0.74				
1	FB-F	PL	250* 10	166		0.08	A	0.08				
1	BR-F	PL	230* 10	627		0.29	A	0.29				
2	D-FLG	PL	111* 10	2545		1.13	C	1.13				
2	FB-F	PL	111* 10	166		0.07	A	0.07				
JL1-JL2							A	1.70	C	12.78		

APPROACH BRIDGE CROSS GIRDER C18 JL2-JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	WEB	PL	673* 9	1285		1.73	A	1.73				
JL2-JL3							A	1.73				

APPROACH BRIDGE CROSS GIRDER C18 JL2-JL3CG												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	WEB	PL	1596* 9	1285		4.10	A	4.10				
1	FLG	PL	250* 10	1287		0.64	A	0.64				
1	FB-STF	PL	130* 11	1392		0.36	A	0.36				
2	FB-STF	PL	110* 9	438		0.19	A	0.19				
2	FB-F	PL	111* 10	1285		0.57	A	0.57				
JL2-JL3CG							A	5.86				

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSS GIRDER C18 JL3-JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	DIA	PL	2690* 9	2727	80	11.74	C	11.74				
1	FB-W	PL	2182* 9	169		0.74	A	0.74				
1	FB-W	PL	2231* 9	169		0.75	A	0.75				
1	FB-F	PL	250* 10	168		0.08	A	0.08				
1	FB-F	PL	250* 16	168		0.08	A	0.08				
2	D-STF	PL	121* 16	2690		1.30	C	1.30				
2	D-STF	PL	100* 10	1383		0.55	C	0.55				
2	D-STF	PL	100* 10	1398		0.56	C	0.56				
2	D-STF	PL	90* 9	765		0.28	C	0.28				
2	FB-F	PL	111* 10	169		0.08	A	0.08				
2	D-FLG	PL	111* 10	2691		1.19	C	1.19				
2	FB-F	PL	111* 10	168		0.07	A	0.07				
JL3-JL4							A	1.80	C	15.62		

APPROACH BRIDGE CROSS GIRDER C18 JL4-JL5												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	WEB	PL	677* 9	2935	85	3.38	A	3.38				
JL4-JL5							A	3.38				

APPROACH BRIDGE CROSS GIRDER C18 JL4-JL5CG												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	WEB	PL	1578* 9	2935		9.26	A	9.26				
1	FLG	PL	250* 16	2935		1.47	A	1.47				
1	FB-STF	PL	130* 11	1450		0.38	A	0.38				
2	FB-STF	PL	120* 10	1261		0.61	A	0.61				
2	FB-F	PL	111* 10	2936		1.30	A	1.30				
JL4-JL5CG							A	13.02				

APPROACH BRIDGE CROSS GIRDER C18 JL5-JL6												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	DIA	PL	2690* 9	2727	80	11.74	C	11.74				
1	FB-W	PL	2231* 9	169		0.75	A	0.75				
1	FB-W	PL	2178* 9	169		0.74	A	0.74				
1	FB-F	PL	250* 16	168		0.08	A	0.08				
1	FB-F	PL	250* 10	168		0.08	A	0.08				

Caluculation of Steel Primer

(Unit: mm, m²)

2	D-STF	PL	121* 16	2690		1.30	C	1.30							
2	D-STF	PL	100* 10	1383		0.55	C	0.55							
2	D-STF	PL	100* 10	1398		0.56	C	0.56							
2	D-STF	PL	90* 9	765		0.28	C	0.28							
2	FB-F	PL	111* 10	169		0.08	A	0.08							
2	D-FLG	PL	111* 10	2691		1.19	C	1.19							
2	FB-F	PL	111* 10	169		0.08	A	0.08							
JL5-JL6							A	1.81	C	15.62					

APPROACH BRIDGE CROSS GIRDER C18 JL6-JL7														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	WEB	PL	673* 9	1285		1.73	A	1.73						
JL6-JL7							A	1.73						

APPROACH BRIDGE CROSS GIRDER C18 JL6-JL7CG														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	WEB	PL	1426* 9	1285		3.66	A	3.66						
1	FLG	PL	250* 10	1286		0.64	A	0.64						
1	FB-STF	PL	130* 11	1384		0.36	A	0.36						
1	FB-STF	PL	110* 9	428		0.09	A	0.09						
1	FB-STF	PL	110* 9	427		0.09	A	0.09						
2	FB-F	PL	111* 10	1286		0.57	A	0.57						
JL6-JL7CG							A	5.41						

APPROACH BRIDGE CROSS GIRDER C18 JL7-JL8														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	DIA	PL	2715* 9	2989	60	9.74	C	9.74						
1	BR-W	PL	787* 9	606	55	0.52	A	0.52						
2	D-STF	PL	121* 10	1144		0.55	C	0.55						
2	D-STF	PL	100* 10	1398		0.56	C	0.56						
2	D-STF	PL	100* 10	1413		0.57	C	0.57						
2	D-STF	PL	90* 9	503		0.18	C	0.18						
1	FB-W	PL	2232* 9	166		0.74	A	0.74						
1	FB-F	PL	250* 10	166		0.08	A	0.08						
2	FB-F	PL	111* 10	166		0.07	A	0.07						
2	D-FLG	PL	111* 10	2545		1.13	C	1.13						
1	BR-F	PL	230* 10	627		0.29	A	0.29						

Caluculation of Steel Primer

(Unit: mm, m²)

JL7-JL8		A	1.70	C	12.73				
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APPROACH BRIDGE CROSS GIRDER C18 JL8-RR1													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
1	BR-W	PL	636* 9	1113	65	0.92	A	0.92					
1	BR-STF	PL	90* 9	509		0.09	A	0.09					
1	BR-F	PL	230* 10	1024		0.47	A	0.47					
JL8-RR1							A	1.48					
C18							A	41.10	C	56.75			

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSS GIRDER C19 LL1-JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	BR-W	PL	636* 9	1113	65	0.92	A	0.92				
1	BR-STF	PL	90* 9	509		0.09	A	0.09				
1	BR-F	PL	230* 10	1024		0.47	A	0.47				
LL1-JL1							A	1.48				

APPROACH BRIDGE CROSS GIRDER C19 JL1-JL2													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks	
1	DIA	PL	2730* 9	2989	60	9.79	C	9.79					
1	BR-W	PL	788* 9	609	55	0.53	A	0.53					
2	D-STF	PL	121* 10	1144		0.55	C	0.55					
2	D-STF	PL	100* 10	1398		0.56	C	0.56					
2	D-STF	PL	100* 10	1413		0.57	C	0.57					
2	D-STF	PL	90* 9	503		0.18	C	0.18					
1	FB-W	PL	2233* 9	168		0.75	A	0.75					
1	FB-F	PL	250* 10	168		0.08	A	0.08					
1	BR-F	PL	230* 10	633		0.29	A	0.29					
2	D-FLG	PL	111* 10	2545		1.13	C	1.13					
2	FB-F	PL	111* 10	168		0.07	A	0.07					
JL1-JL2							A	1.72	C	12.78			

APPROACH BRIDGE CROSS GIRDER C19 JL2-JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	WEB	PL	673* 9	1285		1.73	A	1.73				
JL2-JL3							A	1.73				

APPROACH BRIDGE CROSS GIRDER C19 JL2-JL3CG												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	WEB	PL	1596* 9	1285		4.10	A	4.10				
1	FLG	PL	250* 10	1287		0.64	A	0.64				
1	FB-STF	PL	130* 11	1392		0.36	A	0.36				
2	FB-STF	PL	110* 9	438		0.19	A	0.19				
2	FB-F	PL	111* 10	1285		0.57	A	0.57				
JL2-JL3CG							A	5.86				

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSS GIRDER C19 JL3-JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	DIA	PL	2690* 9	2727	80	11.74	C	11.74				
1	FB-W	PL	2182* 9	169		0.74	A	0.74				
1	FB-W	PL	2231* 9	169		0.75	A	0.75				
1	FB-F	PL	250* 10	168		0.08	A	0.08				
1	FB-F	PL	250* 16	168		0.08	A	0.08				
2	D-STF	PL	121* 16	2690		1.30	C	1.30				
2	D-STF	PL	100* 10	1383		0.55	C	0.55				
2	D-STF	PL	100* 10	1398		0.56	C	0.56				
2	D-STF	PL	90* 9	765		0.28	C	0.28				
2	FB-F	PL	111* 10	169		0.08	A	0.08				
2	D-FLG	PL	111* 10	2691		1.19	C	1.19				
2	FB-F	PL	111* 10	167		0.07	A	0.07				
JL3-JL4							A	1.80	C	15.62		

APPROACH BRIDGE CROSS GIRDER C19 JL4-JL5												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	WEB	PL	677* 9	2936	85	3.38	A	3.38				
JL4-JL5							A	3.38				

APPROACH BRIDGE CROSS GIRDER C19 JL4-JL5CG												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	WEB	PL	1578* 9	2936		9.27	A	9.27				
1	FLG	PL	250* 16	2936		1.47	A	1.47				
1	FB-STF	PL	130* 11	1450		0.38	A	0.38				
1	FB-STF	PL	120* 10	1259		0.30	A	0.30				
1	FB-STF	PL	120* 10	1266		0.30	A	0.30				
2	FB-F	PL	111* 10	2939		1.30	A	1.30				
JL4-JL5CG							A	13.02				

APPROACH BRIDGE CROSS GIRDER C19 JL5-JL6												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	DIA	PL	2690* 9	2727	80	11.74	C	11.74				
1	FB-W	PL	2231* 9	169		0.75	A	0.75				
1	FB-W	PL	2178* 9	169		0.74	A	0.74				
1	FB-F	PL	250* 16	168		0.08	A	0.08				

Caluculation of Steel Primer

(Unit: mm, m²)

1	FB-F	PL	250* 10	168		0.08	A	0.08							
2	D-STF	PL	121* 16	2690		1.30	C	1.30							
2	D-STF	PL	100* 10	1383		0.55	C	0.55							
2	D-STF	PL	100* 10	1398		0.56	C	0.56							
2	D-STF	PL	90* 9	765		0.28	C	0.28							
1	FB-F	PL	111* 10	170		0.04	A	0.04							
1	FB-F	PL	111* 10	168		0.04	A	0.04							
2	D-FLG	PL	111* 10	2691		1.19	C	1.19							
2	FB-F	PL	111* 10	169		0.08	A	0.08							
JL5-JL6							A	1.81	C	15.62					

APPROACH BRIDGE CROSS GIRDER C19 JL6-JL7														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	WEB	PL	647* 9	1298		1.68	A	1.68						
JL6-JL7							A	1.68						

APPROACH BRIDGE CROSS GIRDER C19 JL6-JL7CG														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	WEB	PL	1571* 9	1317		4.14	A	4.14						
1	FLG	PL	250* 10	1289		0.64	A	0.64						
1	FB-STF	PL	130* 11	1392		0.36	A	0.36						
2	FB-STF	PL	110* 9	438		0.19	A	0.19						
2	FB-F	PL	111* 10	1285		0.57	A	0.57						
JL6-JL7CG							A	5.90						

APPROACH BRIDGE CROSS GIRDER C19 JL7-JL8														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	DIA	PL	2730* 9	2989	60	9.79	C	9.79						
1	BR-W	PL	787* 9	609	55	0.53	A	0.53						
2	D-STF	PL	121* 10	1144		0.55	C	0.55						
2	D-STF	PL	100* 10	1398		0.56	C	0.56						
2	D-STF	PL	100* 10	1413		0.57	C	0.57						
2	D-STF	PL	90* 9	503		0.18	C	0.18						
1	FB-W	PL	2232* 9	168		0.75	A	0.75						
1	FB-F	PL	250* 10	168		0.08	A	0.08						
2	FB-F	PL	111* 10	168		0.07	A	0.07						
2	D-FLG	PL	111* 10	2546		1.13	C	1.13						
1	BR-F	PL	230* 10	633		0.29	A	0.29						

Caluculation of Steel Primer

(Unit: mm,m²)

JL7-JL8										A	1.72	C	12.78				
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APPROACH BRIDGE CROSS GIRDER C19 JL8-RR1																		
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area										Remarks	
1	BR-W	PL	636* 9	1113	65	0.92	A	0.92										
1	BR-STF	PL	90* 9	509		0.09	A	0.09										
1	BR-F	PL	230* 10	1024		0.47	A	0.47										
JL8-RR1							A	1.48										
C19							A	41.58	C	56.80								

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSS GIRDER C20 LL1-JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	BR-W	PL	636* 9	1113	65	0.92	A	0.92				
1	BR-STF	PL	90* 9	509		0.09	A	0.09				
1	BR-F	PL	230* 10	1024		0.47	A	0.47				
LL1-JL1							A	1.48				

APPROACH BRIDGE CROSS GIRDER C20 JL1-JL2													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks	
1	DIA	PL	2730* 9	2989	60	9.79	C	9.79					
1	BR-W	PL	788* 9	609	55	0.53	A	0.53					
2	D-STF	PL	121* 10	1144		0.55	C	0.55					
2	D-STF	PL	100* 10	1398		0.56	C	0.56					
2	D-STF	PL	100* 10	1413		0.57	C	0.57					
2	D-STF	PL	90* 9	503		0.18	C	0.18					
1	FB-W	PL	2233* 9	168		0.75	A	0.75					
1	FB-F	PL	250* 10	168		0.08	A	0.08					
1	BR-F	PL	230* 10	633		0.29	A	0.29					
2	D-FLG	PL	111* 10	2545		1.13	C	1.13					
2	FB-F	PL	111* 10	168		0.07	A	0.07					
JL1-JL2							A	1.72	C	12.78			

APPROACH BRIDGE CROSS GIRDER C20 JL2-JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	WEB	PL	673* 9	1285		1.73	A	1.73				
JL2-JL3							A	1.73				

APPROACH BRIDGE CROSS GIRDER C20 JL2-JL3CG												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	WEB	PL	1596* 9	1285		4.10	A	4.10				
1	FLG	PL	250* 10	1287		0.64	A	0.64				
1	FB-STF	PL	130* 11	1392		0.36	A	0.36				
2	FB-STF	PL	110* 9	438		0.19	A	0.19				
2	FB-F	PL	111* 10	1285		0.57	A	0.57				
JL2-JL3CG							A	5.86				

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSS GIRDER C20 JL3-JL4													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks	
1	DIA	PL	2690* 9	2727	80	11.74	C	11.74					
1	FB-W	PL	2182* 9	169		0.74	A	0.74					
1	FB-W	PL	2231* 9	169		0.75	A	0.75					
1	FB-F	PL	250* 10	168		0.08	A	0.08					
1	FB-F	PL	250* 16	168		0.08	A	0.08					
2	D-STF	PL	121* 16	2690		1.30	C	1.30					
2	D-STF	PL	100* 10	1383		0.55	C	0.55					
2	D-STF	PL	100* 10	1398		0.56	C	0.56					
2	D-STF	PL	90* 9	765		0.28	C	0.28					
2	FB-F	PL	111* 10	169		0.08	A	0.08					
2	D-FLG	PL	111* 10	2691		1.19	C	1.19					
2	FB-F	PL	111* 10	167		0.07	A	0.07					
JL3-JL4							A	1.80	C	15.62			

APPROACH BRIDGE CROSS GIRDER C20 JL4-JL5												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	WEB	PL	684* 9	3233	85	3.76	A	3.76				
JL4-JL5							A	3.76				

APPROACH BRIDGE CROSS GIRDER C20 JL4-JL5CG												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	WEB	PL	1578* 9	3233		10.20	A	10.20				
1	FLG	PL	250* 16	3233		1.62	A	1.62				
1	FB-STF	PL	130* 11	1456		0.38	A	0.38				
1	FB-STF	PL	120* 10	1308		0.31	A	0.31				
1	FB-STF	PL	120* 10	1511		0.36	A	0.36				
2	FB-F	PL	111* 10	3233		1.44	A	1.44				
JL4-JL5CG							A	14.31				

APPROACH BRIDGE CROSS GIRDER C20 JL5-JL6												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	DIA	PL	2690* 9	2727	80	11.74	C	11.74				
1	FB-W	PL	2231* 9	169		0.75	A	0.75				
1	FB-W	PL	2178* 9	169		0.74	A	0.74				
1	FB-F	PL	250* 16	168		0.08	A	0.08				

Caluculation of Steel Primer

(Unit: mm, m²)

1	FB-F	PL	250* 10	168		0.08	A	0.08							
2	D-STF	PL	121* 16	2690		1.30	C	1.30							
2	D-STF	PL	100* 10	1383		0.55	C	0.55							
2	D-STF	PL	100* 10	1398		0.56	C	0.56							
2	D-STF	PL	90* 9	765		0.28	C	0.28							
1	FB-F	PL	111* 10	170		0.04	A	0.04							
1	FB-F	PL	111* 10	168		0.04	A	0.04							
2	D-FLG	PL	111* 10	2691		1.19	C	1.19							
2	FB-F	PL	111* 10	169		0.08	A	0.08							
JL5-JL6							A	1.81	C	15.62					

APPROACH BRIDGE CROSS GIRDER C20 JL6-JL7														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	WEB	PL	647* 9	1298		1.68	A	1.68						
JL6-JL7							A	1.68						

APPROACH BRIDGE CROSS GIRDER C20 JL6-JL7CG														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	WEB	PL	1571* 9	1317		4.14	A	4.14						
1	FLG	PL	250* 10	1289		0.64	A	0.64						
1	FB-STF	PL	130* 11	1392		0.36	A	0.36						
2	FB-STF	PL	110* 9	438		0.19	A	0.19						
2	FB-F	PL	111* 10	1285		0.57	A	0.57						
JL6-JL7CG							A	5.90						

APPROACH BRIDGE CROSS GIRDER C20 JL7-JL8														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	DIA	PL	2730* 9	2989	60	9.79	C	9.79						
1	BR-W	PL	787* 9	609	55	0.53	A	0.53						
2	D-STF	PL	121* 10	1144		0.55	C	0.55						
2	D-STF	PL	100* 10	1398		0.56	C	0.56						
2	D-STF	PL	100* 10	1413		0.57	C	0.57						
2	D-STF	PL	90* 9	503		0.18	C	0.18						
1	FB-W	PL	2232* 9	168		0.75	A	0.75						
1	FB-F	PL	250* 10	168		0.08	A	0.08						
2	FB-F	PL	111* 10	168		0.07	A	0.07						
2	D-FLG	PL	111* 10	2546		1.13	C	1.13						
1	BR-F	PL	230* 10	633		0.29	A	0.29						

Caluculation of Steel Primer

(Unit: mm,m²)

JL7-JL8										A	1.72	C	12.78				
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APPROACH BRIDGE CROSS GIRDER C20 JL8-RR1																	
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area										Remarks
1	BR-W	PL	636* 9	1113	65	0.92	A	0.92									
1	BR-STF	PL	90* 9	509		0.09	A	0.09									
1	BR-F	PL	230* 10	1024		0.47	A	0.47									
JL8-RR1							A	1.48									
C20							A	43.25	C	56.80							

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSS GIRDER C21 LL1-JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	BR-W	PL	636* 9	1113	65	0.92	A	0.92				
1	BR-STF	PL	90* 9	509		0.09	A	0.09				
1	BR-F	PL	230* 10	1024		0.47	A	0.47				
LL1-JL1							A	1.48				

APPROACH BRIDGE CROSS GIRDER C21 JL1-JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	DIA	PL	2730* 9	2989	60	9.79	C	9.79				
1	BR-W	PL	788* 9	609	55	0.53	A	0.53				
2	D-STF	PL	121* 10	1144		0.55	C	0.55				
2	D-STF	PL	100* 10	1398		0.56	C	0.56				
2	D-STF	PL	100* 10	1413		0.57	C	0.57				
2	D-STF	PL	90* 9	503		0.18	C	0.18				
1	FB-W	PL	2233* 9	168		0.75	A	0.75				
1	FB-F	PL	250* 10	168		0.08	A	0.08				
1	BR-F	PL	230* 10	633		0.29	A	0.29				
2	D-FLG	PL	111* 10	2545		1.13	C	1.13				
2	FB-F	PL	111* 10	168		0.07	A	0.07				
JL1-JL2							A	1.72	C	12.78		

APPROACH BRIDGE CROSS GIRDER C21 JL2-JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	WEB	PL	673* 9	1285		1.73	A	1.73				
JL2-JL3							A	1.73				

APPROACH BRIDGE CROSS GIRDER C21 JL2-JL3CG												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	WEB	PL	1596* 9	1285		4.10	A	4.10				
1	FLG	PL	250* 10	1287		0.64	A	0.64				
1	FB-STF	PL	130* 11	1392		0.36	A	0.36				
2	FB-STF	PL	110* 9	438		0.19	A	0.19				
2	FB-F	PL	111* 10	1285		0.57	A	0.57				
JL2-JL3CG							A	5.86				

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSS GIRDER C21 JL3-JL4													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	DIA	PL	2690* 9	2727	80	11.74	C	11.74					
1	FB-W	PL	2182* 9	169		0.74	A	0.74					
1	FB-W	PL	2231* 9	169		0.75	A	0.75					
1	FB-F	PL	250* 10	168		0.08	A	0.08					
1	FB-F	PL	250* 16	168		0.08	A	0.08					
2	D-STF	PL	121* 16	2690		1.30	C	1.30					
2	D-STF	PL	100* 10	1383		0.55	C	0.55					
2	D-STF	PL	100* 10	1398		0.56	C	0.56					
2	D-STF	PL	90* 9	765		0.28	C	0.28					
2	FB-F	PL	111* 10	169		0.08	A	0.08					
2	D-FLG	PL	111* 10	2691		1.19	C	1.19					
2	FB-F	PL	111* 10	167		0.07	A	0.07					
JL3-JL4							A	1.80	C	15.62			

APPROACH BRIDGE CROSS GIRDER C21 JL4-JL4A													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	WEB	PL	655* 9	1908		2.50	A	2.50					
JL4-JL4A							A	2.50					

APPROACH BRIDGE CROSS GIRDER C21 JL4A-JL5													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	WEB	PL	647* 9	1818		2.35	A	2.35					
JL4A-JL5							A	2.35					

APPROACH BRIDGE CROSS GIRDER C21 JL4-JL5CG													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	WEB	PL	1618* 9	3705		11.99	A	11.99					
1	FLG	PL	250* 16	3705		1.85	A	1.85					
1	FB-STF	PL	130* 11	1458		0.38	A	0.38					
1	FB-STF	PL	120* 10	1646		0.40	A	0.40					
1	FB-STF	PL	120* 10	1646		0.40	A	0.40					
2	FB-F	PL	111* 10	3706		1.65	A	1.65					
JL4-JL5CG							A	16.67					

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSS GIRDER C21 JL5-JL6												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	DIA	PL	2690* 9	2727	80	11.74	C	11.74				
1	FB-W	PL	2231* 9	169		0.75	A	0.75				
1	FB-W	PL	2178* 9	169		0.74	A	0.74				
1	FB-F	PL	250* 16	168		0.08	A	0.08				
1	FB-F	PL	250* 10	168		0.08	A	0.08				
2	D-STF	PL	121* 16	2690		1.30	C	1.30				
2	D-STF	PL	100* 10	1383		0.55	C	0.55				
2	D-STF	PL	100* 10	1398		0.56	C	0.56				
2	D-STF	PL	90* 9	765		0.28	C	0.28				
1	FB-F	PL	111* 10	170		0.04	A	0.04				
1	FB-F	PL	111* 10	168		0.04	A	0.04				
2	D-FLG	PL	111* 10	2691		1.19	C	1.19				
2	FB-F	PL	111* 10	169		0.08	A	0.08				
JL5-JL6							A	1.81	C	15.62		

APPROACH BRIDGE CROSS GIRDER C21 JL6-JL7												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	WEB	PL	647* 9	1298		1.68	A	1.68				
JL6-JL7							A	1.68				

APPROACH BRIDGE CROSS GIRDER C21 JL6-JL7CG												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	WEB	PL	1571* 9	1317		4.14	A	4.14				
1	FLG	PL	250* 10	1289		0.64	A	0.64				
1	FB-STF	PL	130* 11	1392		0.36	A	0.36				
2	FB-STF	PL	110* 9	438		0.19	A	0.19				
2	FB-F	PL	111* 10	1285		0.57	A	0.57				
JL6-JL7CG							A	5.90				

APPROACH BRIDGE CROSS GIRDER C21 JL7-JL8												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	DIA	PL	2730* 9	2989	60	9.79	C	9.79				
1	BR-W	PL	787* 9	609	55	0.53	A	0.53				
2	D-STF	PL	121* 10	1144		0.55	C	0.55				
2	D-STF	PL	100* 10	1398		0.56	C	0.56				

Caluculation of Steel Primer

(Unit: mm,m²)

2	D-STF	PL	100* 10	1413		0.57	C	0.57							
2	D-STF	PL	90* 9	503		0.18	C	0.18							
1	FB-W	PL	2232* 9	168		0.75	A	0.75							
1	FB-F	PL	250* 10	168		0.08	A	0.08							
2	FB-F	PL	111* 10	168		0.07	A	0.07							
2	D-FLG	PL	111* 10	2546		1.13	C	1.13							
1	BR-F	PL	230* 10	633		0.29	A	0.29							
JL7-JL8							A	1.72	C	12.78					

APPROACH BRIDGE CROSS GIRDER C21 JL8-RR1														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	BR-W	PL	636* 9	1113	65	0.92	A	0.92						
1	BR-STF	PL	90* 9	509		0.09	A	0.09						
1	BR-F	PL	230* 10	1024		0.47	A	0.47						
JL8-RR1							A	1.48						
C21							A	46.70	C	56.80				

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSS GIRDER C22 LL1-JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	BR-W	PL	636* 9	1113	65	0.92	A	0.92				
1	BR-STF	PL	90* 9	509		0.09	A	0.09				
1	BR-F	PL	230* 10	1024		0.47	A	0.47				
LL1-JL1							A	1.48				

APPROACH BRIDGE CROSS GIRDER C22 JL1-JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	DIA	PL	2730* 9	2989	60	9.79	C	9.79				
1	BR-W	PL	788* 9	609	55	0.53	A	0.53				
2	D-STF	PL	121* 10	1144		0.55	C	0.55				
2	D-STF	PL	100* 10	1398		0.56	C	0.56				
2	D-STF	PL	100* 10	1413		0.57	C	0.57				
2	D-STF	PL	90* 9	503		0.18	C	0.18				
1	FB-W	PL	2233* 9	168		0.75	A	0.75				
1	FB-F	PL	250* 10	168		0.08	A	0.08				
1	BR-F	PL	230* 10	633		0.29	A	0.29				
2	D-FLG	PL	111* 10	2545		1.13	C	1.13				
2	FB-F	PL	111* 10	168		0.07	A	0.07				
JL1-JL2							A	1.72	C	12.78		

APPROACH BRIDGE CROSS GIRDER C22 JL2-JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	WEB	PL	673* 9	1285		1.73	A	1.73				
JL2-JL3							A	1.73				

APPROACH BRIDGE CROSS GIRDER C22 JL2-JL3CG												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	WEB	PL	1596* 9	1285		4.10	A	4.10				
1	FLG	PL	250* 10	1287		0.64	A	0.64				
1	FB-STF	PL	130* 11	1392		0.36	A	0.36				
2	FB-STF	PL	110* 9	438		0.19	A	0.19				
2	FB-F	PL	111* 10	1285		0.57	A	0.57				
JL2-JL3CG							A	5.86				

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSS GIRDER C22 JL3-JL4													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks	
1	DIA	PL	2690* 9	2727	80	11.74	C	11.74					
1	FB-W	PL	2182* 9	169		0.74	A	0.74					
1	FB-W	PL	2231* 9	169		0.75	A	0.75					
1	FB-F	PL	250* 10	168		0.08	A	0.08					
1	FB-F	PL	250* 16	168		0.08	A	0.08					
2	D-STF	PL	121* 16	2690		1.30	C	1.30					
2	D-STF	PL	100* 10	1383		0.55	C	0.55					
2	D-STF	PL	100* 10	1398		0.56	C	0.56					
2	D-STF	PL	90* 9	765		0.28	C	0.28					
2	FB-F	PL	111* 10	169		0.08	A	0.08					
2	D-FLG	PL	111* 10	2691		1.19	C	1.19					
2	FB-F	PL	111* 10	167		0.07	A	0.07					
JL3-JL4							A	1.80	C	15.62			

APPROACH BRIDGE CROSS GIRDER C22 JL4-JL4A												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	WEB	PL	655* 9	2136		2.80	A	2.80				
JL4-JL4A							A	2.80				

APPROACH BRIDGE CROSS GIRDER C22 JL4A-JL5												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	WEB	PL	647* 9	2063		2.67	A	2.67				
JL4A-JL5							A	2.67				

APPROACH BRIDGE CROSS GIRDER C22 JL4-JL5CG												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	WEB	PL	1623* 9	4178		13.56	A	13.56				
1	FLG	PL	250* 16	4178		2.09	A	2.09				
1	FB-STF	PL	130* 11	1462		0.38	A	0.38				
1	FB-STF	PL	120* 10	1882		0.45	A	0.45				
1	FB-STF	PL	120* 10	1882		0.45	A	0.45				
2	FB-F	PL	111* 10	4179		1.86	A	1.86				
JL4-JL5CG							A	18.79				

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSS GIRDER C22 JL5-JL6												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	DIA	PL	2690* 9	2727	80	11.74	C	11.74				
1	FB-W	PL	2231* 9	169		0.75	A	0.75				
1	FB-W	PL	2178* 9	169		0.74	A	0.74				
1	FB-F	PL	250* 16	168		0.08	A	0.08				
1	FB-F	PL	250* 10	168		0.08	A	0.08				
2	D-STF	PL	121* 16	2690		1.30	C	1.30				
2	D-STF	PL	100* 10	1383		0.55	C	0.55				
2	D-STF	PL	100* 10	1398		0.56	C	0.56				
2	D-STF	PL	90* 9	765		0.28	C	0.28				
1	FB-F	PL	111* 10	170		0.04	A	0.04				
1	FB-F	PL	111* 10	168		0.04	A	0.04				
2	D-FLG	PL	111* 10	2691		1.19	C	1.19				
2	FB-F	PL	111* 10	169		0.08	A	0.08				
JL5-JL6							A	1.81	C	15.62		

APPROACH BRIDGE CROSS GIRDER C22 JL6-JL7												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	WEB	PL	647* 9	1298		1.68	A	1.68				
JL6-JL7							A	1.68				

APPROACH BRIDGE CROSS GIRDER C22 JL6-JL7CG												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	WEB	PL	1571* 9	1317		4.14	A	4.14				
1	FLG	PL	250* 10	1289		0.64	A	0.64				
1	FB-STF	PL	130* 11	1392		0.36	A	0.36				
2	FB-STF	PL	110* 9	438		0.19	A	0.19				
2	FB-F	PL	111* 10	1285		0.57	A	0.57				
JL6-JL7CG							A	5.90				

APPROACH BRIDGE CROSS GIRDER C22 JL7-JL8												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	DIA	PL	2730* 9	2989	60	9.79	C	9.79				
1	BR-W	PL	787* 9	609	55	0.53	A	0.53				
2	D-STF	PL	121* 10	1144		0.55	C	0.55				
2	D-STF	PL	100* 10	1398		0.56	C	0.56				

Caluculation of Steel Primer

(Unit: mm,m²)

2	D-STF	PL	100* 10	1413		0.57	C	0.57							
2	D-STF	PL	90* 9	503		0.18	C	0.18							
1	FB-W	PL	168* 9	2232		0.75	A	0.75							
1	FB-F	PL	250* 10	168		0.08	A	0.08							
2	FB-F	PL	111* 10	168		0.07	A	0.07							
2	D-FLG	PL	111* 10	2546		1.13	C	1.13							
1	BR-F	PL	230* 10	632		0.29	A	0.29							
JL7-JL8							A	1.72	C	12.78					

APPROACH BRIDGE CROSS GIRDER C22 JL8-RR1														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	BR-W	PL	636* 9	1113	65	0.92	A	0.92						
1	BR-STF	PL	90* 9	509		0.09	A	0.09						
1	BR-F	PL	230* 10	1024		0.47	A	0.47						
JL8-RR1							A	1.48						
C22							A	49.44	C	56.80				

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSS GIRDER C23 LL1-JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	BR-W	PL	636* 9	1113	65	0.92	A	0.92				
1	BR-STF	PL	90* 9	509		0.09	A	0.09				
1	BR-F	PL	230* 10	1024		0.47	A	0.47				
LL1-JL1							A	1.48				

APPROACH BRIDGE CROSS GIRDER C23 JL1-JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	DIA	PL	2730* 9	2989	60	9.79	C	9.79				
1	BR-W	PL	788* 9	609	55	0.53	A	0.53				
2	D-STF	PL	121* 10	1144		0.55	C	0.55				
2	D-STF	PL	100* 10	1398		0.56	C	0.56				
2	D-STF	PL	100* 10	1413		0.57	C	0.57				
2	D-STF	PL	90* 9	503		0.18	C	0.18				
1	FB-W	PL	2233* 9	168		0.75	A	0.75				
1	FB-F	PL	250* 10	168		0.08	A	0.08				
1	BR-F	PL	230* 10	633		0.29	A	0.29				
2	D-FLG	PL	111* 10	2545		1.13	C	1.13				
2	FB-F	PL	111* 10	168		0.07	A	0.07				
JL1-JL2							A	1.72	C	12.78		

APPROACH BRIDGE CROSS GIRDER C23 JL2-JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	WEB	PL	673* 9	1285		1.73	A	1.73				
JL2-JL3							A	1.73				

APPROACH BRIDGE CROSS GIRDER C23 JL2-JL3CG												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	WEB	PL	1596* 9	1285		4.10	A	4.10				
1	FLG	PL	250* 10	1287		0.64	A	0.64				
1	FB-STF	PL	130* 11	1392		0.36	A	0.36				
2	FB-STF	PL	110* 9	438		0.19	A	0.19				
2	FB-F	PL	111* 10	1285		0.57	A	0.57				
JL2-JL3CG							A	5.86				

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSS GIRDER C23 JL3-JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	DIA	PL	2690* 9	2727	80	11.74	C	11.74				
1	FB-W	PL	2182* 9	169		0.74	A	0.74				
1	FB-W	PL	2231* 9	169		0.75	A	0.75				
1	FB-F	PL	250* 10	168		0.08	A	0.08				
1	FB-F	PL	250* 16	168		0.08	A	0.08				
2	D-STF	PL	121* 16	2690		1.30	C	1.30				
2	D-STF	PL	100* 10	1383		0.55	C	0.55				
2	D-STF	PL	100* 10	1398		0.56	C	0.56				
2	D-STF	PL	90* 9	765		0.28	C	0.28				
2	FB-F	PL	111* 10	169		0.08	A	0.08				
2	D-FLG	PL	111* 10	2691		1.19	C	1.19				
2	FB-F	PL	111* 10	167		0.07	A	0.07				
JL3-JL4							A	1.80	C	15.62		

APPROACH BRIDGE CROSS GIRDER C23 JL4-JL4A												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	WEB	PL	655* 9	2408		3.15	A	3.15				
JL4-JL4A							A	3.15				

APPROACH BRIDGE CROSS GIRDER C23 JL4A-JL5												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	WEB	PL	647* 9	2266		2.93	A	2.93				
JL4A-JL5							A	2.93				

APPROACH BRIDGE CROSS GIRDER C23 JL4-JL5CG												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	WEB	PL	1632* 9	4650		15.18	A	15.18				
1	FLG	PL	250* 16	4650		2.33	A	2.33				
1	FB-STF	PL	130* 11	1467		0.38	A	0.38				
1	FB-STF	PL	120* 10	2119		0.51	A	0.51				
1	FB-STF	PL	120* 10	2119		0.51	A	0.51				
2	FB-F	PL	111* 10	4651		2.07	A	2.07				
JL4-JL5CG							A	20.98				

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSS GIRDER C23 JL5-JL6												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	DIA	PL	2690* 9	2727	80	11.74	C	11.74				
1	FB-W	PL	2231* 9	169		0.75	A	0.75				
1	FB-W	PL	2178* 9	169		0.74	A	0.74				
1	FB-F	PL	250* 16	168		0.08	A	0.08				
1	FB-F	PL	250* 10	168		0.08	A	0.08				
2	D-STF	PL	121* 16	2690		1.30	C	1.30				
2	D-STF	PL	100* 10	1383		0.55	C	0.55				
2	D-STF	PL	100* 10	1398		0.56	C	0.56				
2	D-STF	PL	90* 9	765		0.28	C	0.28				
1	FB-F	PL	111* 10	170		0.04	A	0.04				
1	FB-F	PL	111* 10	168		0.04	A	0.04				
2	D-FLG	PL	111* 10	2691		1.19	C	1.19				
2	FB-F	PL	111* 10	169		0.08	A	0.08				
JL5-JL6							A	1.81	C	15.62		

APPROACH BRIDGE CROSS GIRDER C23 JL6-JL7												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	WEB	PL	647* 9	1298		1.68	A	1.68				
JL6-JL7							A	1.68				

APPROACH BRIDGE CROSS GIRDER C23 JL6-JL7CG												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	WEB	PL	1571* 9	1317		4.14	A	4.14				
1	FLG	PL	250* 10	1289		0.64	A	0.64				
1	FB-STF	PL	130* 11	1392		0.36	A	0.36				
2	FB-STF	PL	110* 9	438		0.19	A	0.19				
2	FB-F	PL	111* 10	1285		0.57	A	0.57				
JL6-JL7CG							A	5.90				

APPROACH BRIDGE CROSS GIRDER C23 JL7-JL8												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	DIA	PL	2730* 9	2989	60	9.79	C	9.79				
1	BR-W	PL	787* 9	609	55	0.53	A	0.53				
2	D-STF	PL	121* 10	1144		0.55	C	0.55				
2	D-STF	PL	100* 10	1398		0.56	C	0.56				

Caluculation of Steel Primer

(Unit: mm,m²)

2	D-STF	PL	100* 10	1413		0.57	C	0.57							
2	D-STF	PL	90* 9	503		0.18	C	0.18							
1	FB-W	PL	168* 9	2232		0.75	A	0.75							
1	FB-F	PL	250* 10	168		0.08	A	0.08							
2	FB-F	PL	111* 10	168		0.07	A	0.07							
2	D-FLG	PL	111* 10	2546		1.13	C	1.13							
1	BR-F	PL	230* 10	632		0.29	A	0.29							
JL7-JL8							A	1.72	C	12.78					

APPROACH BRIDGE CROSS GIRDER C23 JL8-RR1														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	BR-W	PL	636* 9	1113	65	0.92	A	0.92						
1	BR-STF	PL	90* 9	509		0.09	A	0.09						
1	BR-F	PL	230* 10	1024		0.47	A	0.47						
JL8-RR1							A	1.48						
C23							A	52.24	C	56.80				

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSS GIRDER C24 LL1-JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	BR-W	PL	636* 9	1113	65	0.92	A	0.92				
1	BR-STF	PL	90* 9	509		0.09	A	0.09				
1	BR-F	PL	230* 10	1021		0.47	A	0.47				
LL1-JL1							A	1.48				

APPROACH BRIDGE CROSS GIRDER C24 JL1-JL2													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks	
1	DIA	PL	2730* 9	2989	60	9.79	C	9.79					
1	BR-W	PL	788* 9	609	55	0.53	A	0.53					
2	D-STF	PL	121* 10	1144		0.55	C	0.55					
2	D-STF	PL	100* 10	1398		0.56	C	0.56					
2	D-STF	PL	100* 10	1413		0.57	C	0.57					
2	D-STF	PL	90* 9	503		0.18	C	0.18					
1	FB-W	PL	2233* 9	168		0.75	A	0.75					
1	FB-F	PL	250* 10	168		0.08	A	0.08					
1	BR-F	PL	230* 10	633		0.29	A	0.29					
2	D-FLG	PL	111* 10	2545		1.13	C	1.13					
2	FB-F	PL	111* 10	168		0.07	A	0.07					
JL1-JL2							A	1.72	C	12.78			

APPROACH BRIDGE CROSS GIRDER C24 JL2-JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	WEB	PL	673* 9	1285		1.73	A	1.73				
JL2-JL3							A	1.73				

APPROACH BRIDGE CROSS GIRDER C24 JL2-JL3CG												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	WEB	PL	1596* 9	1285		4.10	A	4.10				
1	FLG	PL	250* 10	1287		0.64	A	0.64				
1	FB-STF	PL	130* 11	1392		0.36	A	0.36				
2	FB-STF	PL	110* 9	438		0.19	A	0.19				
2	FB-F	PL	111* 10	1285		0.57	A	0.57				
JL2-JL3CG							A	5.86				

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSS GIRDER C24 JL3-JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	DIA	PL	2690* 9	2727	80	11.74	C	11.74				
1	FB-W	PL	2182* 9	169		0.74	A	0.74				
1	FB-W	PL	2231* 9	169		0.75	A	0.75				
1	FB-F	PL	250* 10	168		0.08	A	0.08				
1	FB-F	PL	250* 16	168		0.08	A	0.08				
2	D-STF	PL	121* 16	2690		1.30	C	1.30				
2	D-STF	PL	100* 10	1383		0.55	C	0.55				
2	D-STF	PL	100* 10	1398		0.56	C	0.56				
2	D-STF	PL	90* 9	765		0.28	C	0.28				
2	FB-F	PL	111* 10	169		0.08	A	0.08				
2	D-FLG	PL	111* 10	2691		1.19	C	1.19				
2	FB-F	PL	111* 10	167		0.07	A	0.07				
JL3-JL4							A	1.80	C	15.62		

APPROACH BRIDGE CROSS GIRDER C24 JL4-JL4A												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	WEB	PL	655* 9	2703		3.54	A	3.54				
JL4-JL4A							A	3.54				

APPROACH BRIDGE CROSS GIRDER C24 JL4A-JL5												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	WEB	PL	647* 9	2399		3.10	A	3.10				
JL4A-JL5							A	3.10				

APPROACH BRIDGE CROSS GIRDER C24 JL4-JL5CG												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	WEB	PL	1630* 9	5081		16.56	A	16.56				
1	FLG	PL	250* 16	5081		2.54	A	2.54				
1	FB-STF	PL	130* 11	1472		0.38	A	0.38				
1	FB-STF	PL	120* 10	2334		0.56	A	0.56				
1	FB-STF	PL	120* 10	2334		0.56	A	0.56				
2	FB-F	PL	111* 10	5082		2.26	A	2.26				
JL4-JL5CG							A	22.86				

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSS GIRDER C24 JL5-JL6												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	DIA	PL	2690* 9	2727	80	11.74	C	11.74				
1	FB-W	PL	2231* 9	169		0.75	A	0.75				
1	FB-W	PL	2178* 9	169		0.74	A	0.74				
1	FB-F	PL	250* 16	168		0.08	A	0.08				
1	FB-F	PL	250* 10	168		0.08	A	0.08				
2	D-STF	PL	121* 16	2690		1.30	C	1.30				
2	D-STF	PL	100* 10	1383		0.55	C	0.55				
2	D-STF	PL	100* 10	1398		0.56	C	0.56				
2	D-STF	PL	90* 9	765		0.28	C	0.28				
1	FB-F	PL	111* 10	170		0.04	A	0.04				
1	FB-F	PL	111* 10	168		0.04	A	0.04				
2	D-FLG	PL	111* 10	2691		1.19	C	1.19				
2	FB-F	PL	111* 10	169		0.08	A	0.08				
JL5-JL6							A	1.81	C	15.62		

APPROACH BRIDGE CROSS GIRDER C24 JL6-JL7												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	WEB	PL	647* 9	1298		1.68	A	1.68				
JL6-JL7							A	1.68				

APPROACH BRIDGE CROSS GIRDER C24 JL6-JL7CG												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	WEB	PL	1571* 9	1317		4.14	A	4.14				
1	FLG	PL	250* 10	1289		0.64	A	0.64				
1	FB-STF	PL	130* 11	1392		0.36	A	0.36				
2	FB-STF	PL	110* 9	438		0.19	A	0.19				
2	FB-F	PL	111* 10	1285		0.57	A	0.57				
JL6-JL7CG							A	5.90				

APPROACH BRIDGE CROSS GIRDER C24 JL7-JL8												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	DIA	PL	2730* 9	2989	60	9.79	C	9.79				
1	BR-W	PL	787* 9	609	55	0.53	A	0.53				
2	D-STF	PL	121* 10	1144		0.55	C	0.55				
2	D-STF	PL	100* 10	1398		0.56	C	0.56				

Caluculation of Steel Primer

(Unit: mm,m²)

2	D-STF	PL	100* 10	1413		0.57	C	0.57						
2	D-STF	PL	90* 9	503		0.18	C	0.18						
1	FB-W	PL	168* 9	2232		0.75	A	0.75						
1	FB-F	PL	250* 10	168		0.08	A	0.08						
2	FB-F	PL	111* 10	168		0.07	A	0.07						
2	D-FLG	PL	111* 10	2546		1.13	C	1.13						
1	BR-F	PL	230* 10	632		0.29	A	0.29						
JL7-JL8							A	1.72	C	12.78				

APPROACH BRIDGE CROSS GIRDER C24 JL8-RR1													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	BR-W	PL	636* 9	1113	65	0.92	A	0.92					
1	BR-STF	PL	90* 9	509		0.09	A	0.09					
1	BR-F	PL	230* 10	1021		0.47	A	0.47					
JL8-RR1							A	1.48					
C24							A	54.68	C	56.80			
CROSS GIRDER							A	1351.81	C	1365.76			
APPROACH BRIDGE							A	1351.81	C	1365.76			

Caluculation of Steel Primer

(Unit: mm, m²)

APPROACH BRIDGE CROSS GIRDER SPLICE C1 JL1													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks	
2	SPL	PL	297* 9	556		0.66	E	0.33	M	0.66		BR-W	
21		TCB	M 22* 65			0.11	I	0.11				BR-W	
2	SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		BR-F	
1	SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		BR-F	
8		TCB	M 22* 65			0.04	I	0.04				BR-F	
JL1							E	0.45	I	0.15	M	0.89	

APPROACH BRIDGE CROSS GIRDER SPLICE C1 JL2													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks	
2	SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		WEB	
26		TCB	M 22* 65			0.13	I	0.13				WEB	
2	SPL	PL	297* 9	1305		1.55	E	0.78	M	1.55		WEB	
48		TCB	M 22* 65			0.24	I	0.24				WEB	
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14		FLG	
2	SPL	PL	100* 9	297		0.12	E	0.06	M	0.12		FLG	
8		TCB	M 22* 65			0.04	I	0.04				FLG	
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19		FB-F	
8		TCB	M 22* 65			0.04	I	0.04				FB-F	
JL2							E	1.42	I	0.45	M	2.81	

APPROACH BRIDGE CROSS GIRDER SPLICE C1 HL1HS													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks	
2	SPL	PL	180* 9	953		0.69	E	0.34	M	0.69		WEB	
20		TCB	M 22* 65			0.10	I	0.10				WEB	
HL1HS							E	0.34	I	0.10	M	0.69	

APPROACH BRIDGE CROSS GIRDER SPLICE C1 JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		WEB
26		TCB	M 22* 65			0.13	I	0.13				WEB
2	SPL	PL	297* 9	1305		1.55	E	0.78	M	1.55		WEB
48		TCB	M 22* 65			0.24	I	0.24				WEB
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14		FLG
2	SPL	PL	100* 9	297		0.12	E	0.06	M	0.12		FLG
8		TCB	M 22* 65			0.04	I	0.04				FLG

Caluculation of Steel Primer

(Unit: mm,m²)

4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19										FB-F
8		TCB	M 22* 65			0.04	I	0.04												FB-F
JL3								E	1.42	I	0.45	M	2.81							

APPROACH BRIDGE CROSS GIRDER SPLICE C1 JL4																				
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area											Remarks		
2	SPL	PL	297* 9	686		0.81	E	0.41	M	0.81										WEB
26		TCB	M 22* 65			0.13	I	0.13												WEB
2	SPL	PL	297* 9	1304		1.55	E	0.77	M	1.55										WEB
48		TCB	M 22* 65			0.24	I	0.24												WEB
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14										FLG
2	SPL	PL	100* 11	297		0.12	E	0.06	M	0.12										FLG
8		TCB	M 22* 75			0.04	I	0.04												FLG
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19										FB-F
8		TCB	M 22* 65			0.04	I	0.04												FB-F
JL4								E	1.41	I	0.45	M	2.81							

APPROACH BRIDGE CROSS GIRDER SPLICE C1 HL2HS																				
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area											Remarks		
2	SPL	PL	180* 9	2603		1.87	E	0.94	M	1.87										WEB
50		TCB	M 22* 65			0.25	I	0.25												WEB
HL2HS								E	0.94	I	0.25	M	1.87							

APPROACH BRIDGE CROSS GIRDER SPLICE C1 JL5																				
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area											Remarks		
2	SPL	PL	297* 9	686		0.81	E	0.41	M	0.81										WEB
26		TCB	M 22* 65			0.13	I	0.13												WEB
2	SPL	PL	297* 9	1304		1.55	E	0.77	M	1.55										WEB
48		TCB	M 22* 65			0.24	I	0.24												WEB
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14										FLG
2	SPL	PL	100* 11	297		0.12	E	0.06	M	0.12										FLG
8		TCB	M 22* 75			0.04	I	0.04												FLG
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19										FB-F
8		TCB	M 22* 65			0.04	I	0.04												FB-F
JL5								E	1.41	I	0.45	M	2.81							

APPROACH BRIDGE CROSS GIRDER SPLICE C1 JL6																				
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Caluculation of Steel Primer

(Unit: mm, m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
2	SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			WEB	
26		TCB	M 22* 65			0.13	I	0.13					WEB	
2	SPL	PL	297* 9	1251		1.49	E	0.74	M	1.49			WEB	
48		TCB	M 22* 65			0.24	I	0.24					WEB	
1	SPL	PL	270* 9	297		0.16	E	0.08	M	0.16			FLG	
2	SPL	PL	105* 12	297		0.12	E	0.06	M	0.12			FLG	
12		TCB	M 22* 75			0.06	I	0.06					FLG	
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19			FB-F	
8		TCB	M 22* 65			0.04	I	0.04					FB-F	
JL6							E	1.39	I	0.47	M	2.77		

APPROACH BRIDGE CROSS GIRDER SPLICE C1 JL6A														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
2	SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			WEB	
24		TCB	M 22* 65			0.12	I	0.12					WEB	
JL6A							E	0.41	I	0.12	M	0.81		

APPROACH BRIDGE CROSS GIRDER SPLICE C1 JL6B														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
2	SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			WEB	
24		TCB	M 22* 65			0.12	I	0.12					WEB	
JL6B							E	0.41	I	0.12	M	0.81		

APPROACH BRIDGE CROSS GIRDER SPLICE C1 JL6C														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
2	SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			WEB	
24		TCB	M 22* 65			0.12	I	0.12					WEB	
JL6C							E	0.41	I	0.12	M	0.81		

APPROACH BRIDGE CROSS GIRDER SPLICE C1 HL3HS													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
2	SPL	PL	180* 9	1597		1.15	E	0.57	M	1.15			WEB
30		TCB	M 22* 65			0.15	I	0.15					WEB
2	SPL	PL	180* 9	1587		1.14	E	0.57	M	1.14			WEB

Caluculation of Steel Primer

(Unit: mm, m²)

32		TCB	M 22* 65			0.16	I	0.16									WEB	
2	SPL	PL	180* 9	1587		1.14	E	0.57	M	1.14							WEB	
32		TCB	M 22* 65			0.16	I	0.16									WEB	
2	SPL	PL	180* 9	1298		0.93	E	0.47	M	0.93							WEB	
26		TCB	M 22* 65			0.13	I	0.13									WEB	
HL3HS							E	2.18	I	0.60	M	4.36						

APPROACH BRIDGE CROSS GIRDER SPLICE C1 JL7																	
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks				
2	SPL	PL	297* 9	685		0.81	E	0.41	M	0.81							WEB
26		TCB	M 22* 65			0.13	I	0.13									WEB
2	SPL	PL	297* 9	1304		1.55	E	0.77	M	1.55							WEB
48		TCB	M 22* 65			0.24	I	0.24									WEB
1	SPL	PL	270* 9	297		0.16	E	0.08	M	0.16							FLG
2	SPL	PL	105* 12	297		0.12	E	0.06	M	0.12							FLG
12		TCB	M 22* 75			0.06	I	0.06									FLG
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19							FB-F
8		TCB	M 22* 65			0.04	I	0.04									FB-F
JL7							E	1.42	I	0.47	M	2.83					

APPROACH BRIDGE CROSS GIRDER SPLICE C1 JL8																	
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks				
2	SPL	PL	297* 9	556		0.66	E	0.33	M	0.66							BR-W
21		TCB	M 22* 65			0.11	I	0.11									BR-W
2	SPL	PL	80* 9	297		0.10	E	0.05	M	0.10							BR-F
1	SPL	PL	220* 9	297		0.13	E	0.07	M	0.13							BR-F
8		TCB	M 22* 65			0.04	I	0.04									BR-F
JL8							E	0.45	I	0.15	M	0.89					
C1							E	14.06	I	4.35	M	27.97					

Caluculation of Steel Primer

(Unit: mm, m²)

APPROACH BRIDGE CROSS GIRDER SPLICE C2 JL1													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks	
2	SPL	PL	297* 9	556		0.66	E	0.33	M	0.66		BR-W	
21		TCB	M 22* 65			0.11	I	0.11				BR-W	
2	SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		BR-F	
1	SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		BR-F	
8		TCB	M 22* 65			0.04	I	0.04				BR-F	
JL1							E	0.45	I	0.15	M	0.89	

APPROACH BRIDGE CROSS GIRDER SPLICE C2 JL2													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks	
2	SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		WEB	
26		TCB	M 22* 65			0.13	I	0.13				WEB	
2	SPL	PL	297* 9	1305		1.55	E	0.78	M	1.55		WEB	
48		TCB	M 22* 65			0.24	I	0.24				WEB	
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14		FLG	
2	SPL	PL	100* 9	297		0.12	E	0.06	M	0.12		FLG	
8		TCB	M 22* 65			0.04	I	0.04				FLG	
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19		FB-F	
8		TCB	M 22* 65			0.04	I	0.04				FB-F	
JL2							E	1.42	I	0.45	M	2.81	

APPROACH BRIDGE CROSS GIRDER SPLICE C2 HL1HS													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks	
2	SPL	PL	180* 9	953		0.69	E	0.34	M	0.69		WEB	
20		TCB	M 22* 65			0.10	I	0.10				WEB	
HL1HS							E	0.34	I	0.10	M	0.69	

APPROACH BRIDGE CROSS GIRDER SPLICE C2 JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		WEB
26		TCB	M 22* 65			0.13	I	0.13				WEB
2	SPL	PL	297* 9	1305		1.55	E	0.78	M	1.55		WEB
48		TCB	M 22* 65			0.24	I	0.24				WEB
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14		FLG
2	SPL	PL	100* 9	297		0.12	E	0.06	M	0.12		FLG
8		TCB	M 22* 65			0.04	I	0.04				FLG

Caluculation of Steel Primer

(Unit: mm, m²)

4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19					FB-F
8		TCB	M 22* 65			0.04	I	0.04							FB-F
JL3							E	1.42	I	0.45	M	2.81			

APPROACH BRIDGE CROSS GIRDER SPLICE C2 JL4															
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks	
2	SPL	PL	297* 9	686		0.81	E	0.41	M	0.81					WEB
26		TCB	M 22* 65			0.13	I	0.13							WEB
2	SPL	PL	297* 9	1304		1.55	E	0.77	M	1.55					WEB
48		TCB	M 22* 65			0.24	I	0.24							WEB
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14					FLG
2	SPL	PL	100* 11	297		0.12	E	0.06	M	0.12					FLG
8		TCB	M 22* 75			0.04	I	0.04							FLG
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19					FB-F
8		TCB	M 22* 65			0.04	I	0.04							FB-F
JL4							E	1.41	I	0.45	M	2.81			

APPROACH BRIDGE CROSS GIRDER SPLICE C2 HL2HS															
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks	
2	SPL	PL	180* 9	2603		1.87	E	0.94	M	1.87					WEB
50		TCB	M 22* 65			0.25	I	0.25							WEB
HL2HS							E	0.94	I	0.25	M	1.87			

APPROACH BRIDGE CROSS GIRDER SPLICE C2 JL5															
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks	
2	SPL	PL	297* 9	686		0.81	E	0.41	M	0.81					WEB
26		TCB	M 22* 65			0.13	I	0.13							WEB
2	SPL	PL	297* 9	1304		1.55	E	0.77	M	1.55					WEB
48		TCB	M 22* 65			0.24	I	0.24							WEB
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14					FLG
2	SPL	PL	100* 11	297		0.12	E	0.06	M	0.12					FLG
8		TCB	M 22* 75			0.04	I	0.04							FLG
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19					FB-F
8		TCB	M 22* 65			0.04	I	0.04							FB-F
JL5							E	1.41	I	0.45	M	2.81			

APPROACH BRIDGE CROSS GIRDER SPLICE C2 JL6															
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Caluculation of Steel Primer

(Unit: mm, m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
2	SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		WEB	
26		TCB	M 22* 65			0.13	I	0.13				WEB	
2	SPL	PL	297* 9	1251		1.49	E	0.74	M	1.49		WEB	
48		TCB	M 22* 65			0.24	I	0.24				WEB	
1	SPL	PL	270* 9	297		0.16	E	0.08	M	0.16		FLG	
2	SPL	PL	105* 12	297		0.12	E	0.06	M	0.12		FLG	
12		TCB	M 22* 75			0.06	I	0.06				FLG	
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19		FB-F	
8		TCB	M 22* 65			0.04	I	0.04				FB-F	
JL6							E	1.39	I	0.47	M	2.77	

APPROACH BRIDGE CROSS GIRDER SPLICE C2 JL6A													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
2	SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		WEB	
24		TCB	M 22* 65			0.12	I	0.12				WEB	
JL6A							E	0.41	I	0.12	M	0.81	

APPROACH BRIDGE CROSS GIRDER SPLICE C2 JL6B													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
2	SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		WEB	
24		TCB	M 22* 65			0.12	I	0.12				WEB	
JL6B							E	0.41	I	0.12	M	0.81	

APPROACH BRIDGE CROSS GIRDER SPLICE C2 HL3HS													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
2	SPL	PL	180* 9	1597		1.15	E	0.57	M	1.15		WEB	
30		TCB	M 22* 65			0.15	I	0.15				WEB	
2	SPL	PL	180* 9	1587		1.14	E	0.57	M	1.14		WEB	
32		TCB	M 22* 65			0.16	I	0.16				WEB	
2	SPL	PL	180* 9	2739		1.97	E	0.99	M	1.97		WEB	
54		TCB	M 22* 65			0.27	I	0.27				WEB	
HL3HS							E	2.13	I	0.58	M	4.26	

APPROACH BRIDGE CROSS GIRDER SPLICE C2 JL7												

Caluculation of Steel Primer

(Unit: mm, m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
2	SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		WEB	
26		TCB	M 22* 65			0.13	I	0.13				WEB	
2	SPL	PL	297* 9	1304		1.55	E	0.77	M	1.55		WEB	
48		TCB	M 22* 65			0.24	I	0.24				WEB	
1	SPL	PL	270* 9	297		0.16	E	0.08	M	0.16		FLG	
2	SPL	PL	105* 12	297		0.12	E	0.06	M	0.12		FLG	
12		TCB	M 22* 75			0.06	I	0.06				FLG	
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19		FB-F	
8		TCB	M 22* 65			0.04	I	0.04				FB-F	
JL7							E	1.42	I	0.47	M	2.83	

APPROACH BRIDGE CROSS GIRDER SPLICE C2 JL8													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
2	SPL	PL	297* 9	556		0.66	E	0.33	M	0.66		BR-W	
21		TCB	M 22* 65			0.11	I	0.11				BR-W	
2	SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		BR-F	
1	SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		BR-F	
8		TCB	M 22* 65			0.04	I	0.04				BR-F	
JL8							E	0.45	I	0.15	M	0.89	
C2							E	13.60	I	4.21	M	27.06	

Caluculation of Steel Primer

(Unit: mm, m²)

APPROACH BRIDGE CROSS GIRDER SPLICE C3 JL1													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks	
2	SPL	PL	297* 9	556		0.66	E	0.33	M	0.66		BR-W	
21		TCB	M 22* 65			0.11	I	0.11				BR-W	
2	SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		BR-F	
1	SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		BR-F	
8		TCB	M 22* 65			0.04	I	0.04				BR-F	
JL1							E	0.45	I	0.15	M	0.89	

APPROACH BRIDGE CROSS GIRDER SPLICE C3 JL2													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks	
2	SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		WEB	
26		TCB	M 22* 65			0.13	I	0.13				WEB	
2	SPL	PL	297* 9	1305		1.55	E	0.78	M	1.55		WEB	
48		TCB	M 22* 65			0.24	I	0.24				WEB	
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14		FLG	
2	SPL	PL	100* 9	297		0.12	E	0.06	M	0.12		FLG	
8		TCB	M 22* 65			0.04	I	0.04				FLG	
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19		FB-F	
8		TCB	M 22* 65			0.04	I	0.04				FB-F	
JL2							E	1.42	I	0.45	M	2.81	

APPROACH BRIDGE CROSS GIRDER SPLICE C3 HL1HS													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks	
2	SPL	PL	180* 9	953		0.69	E	0.34	M	0.69		WEB	
20		TCB	M 22* 65			0.10	I	0.10				WEB	
HL1HS							E	0.34	I	0.10	M	0.69	

APPROACH BRIDGE CROSS GIRDER SPLICE C3 JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		WEB
26		TCB	M 22* 65			0.13	I	0.13				WEB
2	SPL	PL	297* 9	1305		1.55	E	0.78	M	1.55		WEB
48		TCB	M 22* 65			0.24	I	0.24				WEB
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14		FLG
2	SPL	PL	100* 9	297		0.12	E	0.06	M	0.12		FLG
8		TCB	M 22* 65			0.04	I	0.04				FLG

Caluculation of Steel Primer

(Unit: mm, m²)

4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19					FB-F
8		TCB	M 22* 65			0.04	I	0.04							FB-F
JL3							E	1.42	I	0.45	M	2.81			

APPROACH BRIDGE CROSS GIRDER SPLICE C3 JL4															
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area								Remarks
2	SPL	PL	297* 9	686		0.81	E	0.41	M	0.81					WEB
26		TCB	M 22* 65			0.13	I	0.13							WEB
2	SPL	PL	297* 9	1304		1.55	E	0.77	M	1.55					WEB
48		TCB	M 22* 65			0.24	I	0.24							WEB
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14					FLG
2	SPL	PL	100* 11	297		0.12	E	0.06	M	0.12					FLG
8		TCB	M 22* 75			0.04	I	0.04							FLG
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19					FB-F
8		TCB	M 22* 65			0.04	I	0.04							FB-F
JL4							E	1.41	I	0.45	M	2.81			

APPROACH BRIDGE CROSS GIRDER SPLICE C3 HL2HS															
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area								Remarks
2	SPL	PL	180* 9	2603		1.87	E	0.94	M	1.87					WEB
50		TCB	M 22* 65			0.25	I	0.25							WEB
HL2HS							E	0.94	I	0.25	M	1.87			

APPROACH BRIDGE CROSS GIRDER SPLICE C3 JL5															
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area								Remarks
2	SPL	PL	297* 9	686		0.81	E	0.41	M	0.81					WEB
26		TCB	M 22* 65			0.13	I	0.13							WEB
2	SPL	PL	297* 9	1304		1.55	E	0.77	M	1.55					WEB
48		TCB	M 22* 65			0.24	I	0.24							WEB
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14					FLG
2	SPL	PL	100* 11	297		0.12	E	0.06	M	0.12					FLG
8		TCB	M 22* 75			0.04	I	0.04							FLG
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19					FB-F
8		TCB	M 22* 65			0.04	I	0.04							FB-F
JL5							E	1.41	I	0.45	M	2.81			

APPROACH BRIDGE CROSS GIRDER SPLICE C3 JL6															
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Caluculation of Steel Primer

(Unit: mm, m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
2	SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		WEB	
26		TCB	M 22* 65			0.13	I	0.13				WEB	
2	SPL	PL	297* 9	1251		1.49	E	0.74	M	1.49		WEB	
48		TCB	M 22* 65			0.24	I	0.24				WEB	
1	SPL	PL	270* 9	297		0.16	E	0.08	M	0.16		FLG	
2	SPL	PL	105* 12	297		0.12	E	0.06	M	0.12		FLG	
12		TCB	M 22* 75			0.06	I	0.06				FLG	
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19		FB-F	
8		TCB	M 22* 65			0.04	I	0.04				FB-F	
JL6							E	1.39	I	0.47	M	2.77	

APPROACH BRIDGE CROSS GIRDER SPLICE C3 JL6A													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
2	SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		WEB	
24		TCB	M 22* 65			0.12	I	0.12				WEB	
JL6A							E	0.41	I	0.12	M	0.81	

APPROACH BRIDGE CROSS GIRDER SPLICE C3 JL6B													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
2	SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		WEB	
24		TCB	M 22* 65			0.12	I	0.12				WEB	
JL6B							E	0.41	I	0.12	M	0.81	

APPROACH BRIDGE CROSS GIRDER SPLICE C3 HL3HS													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
2	SPL	PL	180* 9	1597		1.15	E	0.57	M	1.15		WEB	
30		TCB	M 22* 65			0.15	I	0.15				WEB	
2	SPL	PL	180* 9	1587		1.14	E	0.57	M	1.14		WEB	
32		TCB	M 22* 65			0.16	I	0.16				WEB	
2	SPL	PL	180* 9	2304		1.66	E	0.83	M	1.66		WEB	
46		TCB	M 22* 65			0.23	I	0.23				WEB	
HL3HS							E	1.97	I	0.54	M	3.95	

APPROACH BRIDGE CROSS GIRDER SPLICE C3 JL7												

Caluculation of Steel Primer

(Unit: mm, m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
2	SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			WEB	
26		TCB	M 22* 65			0.13	I	0.13					WEB	
2	SPL	PL	297* 9	1304		1.55	E	0.77	M	1.55			WEB	
48		TCB	M 22* 65			0.24	I	0.24					WEB	
1	SPL	PL	270* 9	297		0.16	E	0.08	M	0.16			FLG	
2	SPL	PL	105* 12	297		0.12	E	0.06	M	0.12			FLG	
12		TCB	M 22* 75			0.06	I	0.06					FLG	
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19			FB-F	
8		TCB	M 22* 65			0.04	I	0.04					FB-F	
JL7							E	1.42	I	0.47	M	2.83		

APPROACH BRIDGE CROSS GIRDER SPLICE C3 JL8														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
2	SPL	PL	297* 9	556		0.66	E	0.33	M	0.66			BR-W	
21		TCB	M 22* 65			0.11	I	0.11					BR-W	
2	SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			BR-F	
1	SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			BR-F	
8		TCB	M 22* 65			0.04	I	0.04					BR-F	
JL8							E	0.45	I	0.15	M	0.89		
C3							E	13.44	I	4.17	M	26.75		

Caluculation of Steel Primer

(Unit: mm, m²)

APPROACH BRIDGE CROSS GIRDER SPLICE C4 JL1													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks	
2	SPL	PL	297* 9	556		0.66	E	0.33	M	0.66		BR-W	
21		TCB	M 22* 65			0.11	I	0.11				BR-W	
2	SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		BR-F	
1	SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		BR-F	
8		TCB	M 22* 65			0.04	I	0.04				BR-F	
JL1							E	0.45	I	0.15	M	0.89	

APPROACH BRIDGE CROSS GIRDER SPLICE C4 JL2													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks	
2	SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		WEB	
26		TCB	M 22* 65			0.13	I	0.13				WEB	
2	SPL	PL	297* 9	1305		1.55	E	0.78	M	1.55		WEB	
48		TCB	M 22* 65			0.24	I	0.24				WEB	
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14		FLG	
2	SPL	PL	100* 9	297		0.12	E	0.06	M	0.12		FLG	
8		TCB	M 22* 65			0.04	I	0.04				FLG	
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19		FB-F	
8		TCB	M 22* 65			0.04	I	0.04				FB-F	
JL2							E	1.42	I	0.45	M	2.81	

APPROACH BRIDGE CROSS GIRDER SPLICE C4 HL1HS													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks	
2	SPL	PL	180* 9	953		0.69	E	0.34	M	0.69		WEB	
20		TCB	M 22* 65			0.10	I	0.10				WEB	
HL1HS							E	0.34	I	0.10	M	0.69	

APPROACH BRIDGE CROSS GIRDER SPLICE C4 JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		WEB
26		TCB	M 22* 65			0.13	I	0.13				WEB
2	SPL	PL	297* 9	1305		1.55	E	0.78	M	1.55		WEB
48		TCB	M 22* 65			0.24	I	0.24				WEB
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14		FLG
2	SPL	PL	100* 9	297		0.12	E	0.06	M	0.12		FLG
8		TCB	M 22* 65			0.04	I	0.04				FLG

Calculation of Steel Primer

(Unit: mm, m²)

4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19			FB-F
8		TCB	M 22* 65			0.04	I	0.04					FB-F
JL3							E	1.42	I	0.45	M	2.81	

APPROACH BRIDGE CROSS GIRDER SPLICE C4 JL4													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			WEB
26		TCB	M 22* 65			0.13	I	0.13					WEB
2	SPL	PL	297* 9	1304		1.55	E	0.77	M	1.55			WEB
48		TCB	M 22* 65			0.24	I	0.24					WEB
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14			FLG
2	SPL	PL	100* 11	297		0.12	E	0.06	M	0.12			FLG
8		TCB	M 22* 75			0.04	I	0.04					FLG
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19			FB-F
8		TCB	M 22* 65			0.04	I	0.04					FB-F
JL4							E	1.41	I	0.45	M	2.81	

APPROACH BRIDGE CROSS GIRDER SPLICE C4 HL2HS													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	SPL	PL	180* 9	2603		1.87	E	0.94	M	1.87			WEB
50		TCB	M 22* 65			0.25	I	0.25					WEB
HL2HS							E	0.94	I	0.25	M	1.87	

APPROACH BRIDGE CROSS GIRDER SPLICE C4 JL5													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			WEB
26		TCB	M 22* 65			0.13	I	0.13					WEB
2	SPL	PL	297* 9	1304		1.55	E	0.77	M	1.55			WEB
48		TCB	M 22* 65			0.24	I	0.24					WEB
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14			FLG
2	SPL	PL	100* 11	297		0.12	E	0.06	M	0.12			FLG
8		TCB	M 22* 75			0.04	I	0.04					FLG
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19			FB-F
8		TCB	M 22* 65			0.04	I	0.04					FB-F
JL5							E	1.41	I	0.45	M	2.81	

APPROACH BRIDGE CROSS GIRDER SPLICE C4 JL6													
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Caluculation of Steel Primer

(Unit: mm, m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
2	SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		WEB	
26		TCB	M 22* 65			0.13	I	0.13				WEB	
2	SPL	PL	297* 9	1252		1.49	E	0.74	M	1.49		WEB	
48		TCB	M 22* 65			0.24	I	0.24				WEB	
1	SPL	PL	270* 9	297		0.16	E	0.08	M	0.16		FLG	
2	SPL	PL	105* 12	297		0.12	E	0.06	M	0.12		FLG	
12		TCB	M 22* 75			0.06	I	0.06				FLG	
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19		FB-F	
8		TCB	M 22* 65			0.04	I	0.04				FB-F	
JL6							E	1.39	I	0.47	M	2.77	

APPROACH BRIDGE CROSS GIRDER SPLICE C4 JL6A													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
2	SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		WEB	
24		TCB	M 22* 65			0.12	I	0.12				WEB	
JL6A							E	0.41	I	0.12	M	0.81	

APPROACH BRIDGE CROSS GIRDER SPLICE C4 JL6B													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
2	SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		WEB	
24		TCB	M 22* 65			0.12	I	0.12				WEB	
JL6B							E	0.41	I	0.12	M	0.81	

APPROACH BRIDGE CROSS GIRDER SPLICE C4 HL3HS													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
2	SPL	PL	180* 9	1597		1.15	E	0.57	M	1.15		WEB	
30		TCB	M 22* 65			0.15	I	0.15				WEB	
2	SPL	PL	180* 9	1587		1.14	E	0.57	M	1.14		WEB	
32		TCB	M 22* 65			0.16	I	0.16				WEB	
2	SPL	PL	180* 9	2304		1.66	E	0.83	M	1.66		WEB	
46		TCB	M 22* 65			0.23	I	0.23				WEB	
HL3HS							E	1.97	I	0.54	M	3.95	

APPROACH BRIDGE CROSS GIRDER SPLICE C4 JL7												

Caluculation of Steel Primer

(Unit: mm, m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
2	SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		WEB	
26		TCB	M 22* 65			0.13	I	0.13				WEB	
2	SPL	PL	297* 9	1305		1.55	E	0.78	M	1.55		WEB	
48		TCB	M 22* 65			0.24	I	0.24				WEB	
1	SPL	PL	270* 9	297		0.16	E	0.08	M	0.16		FLG	
2	SPL	PL	105* 12	297		0.12	E	0.06	M	0.12		FLG	
12		TCB	M 22* 75			0.06	I	0.06				FLG	
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19		FB-F	
8		TCB	M 22* 65			0.04	I	0.04				FB-F	
JL7							E	1.43	I	0.47	M	2.83	

APPROACH BRIDGE CROSS GIRDER SPLICE C4 JL8													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
2	SPL	PL	297* 9	556		0.66	E	0.33	M	0.66		BR-W	
21		TCB	M 22* 65			0.11	I	0.11				BR-W	
2	SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		BR-F	
1	SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		BR-F	
8		TCB	M 22* 65			0.04	I	0.04				BR-F	
JL8							E	0.45	I	0.15	M	0.89	
C4							E	13.45	I	4.17	M	26.75	

Caluculation of Steel Primer

(Unit: mm, m²)

APPROACH BRIDGE CROSS GIRDER SPLICE C5 JL1													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks	
2	SPL	PL	297* 9	556		0.66	E	0.33	M	0.66		BR-W	
21		TCB	M 22* 65			0.11	I	0.11				BR-W	
2	SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		BR-F	
1	SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		BR-F	
8		TCB	M 22* 65			0.04	I	0.04				BR-F	
JL1							E	0.45	I	0.15	M	0.89	

APPROACH BRIDGE CROSS GIRDER SPLICE C5 JL2													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks	
2	SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		WEB	
26		TCB	M 22* 65			0.13	I	0.13				WEB	
2	SPL	PL	297* 9	1305		1.55	E	0.78	M	1.55		WEB	
48		TCB	M 22* 65			0.24	I	0.24				WEB	
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14		FLG	
2	SPL	PL	100* 9	297		0.12	E	0.06	M	0.12		FLG	
8		TCB	M 22* 65			0.04	I	0.04				FLG	
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19		FB-F	
8		TCB	M 22* 65			0.04	I	0.04				FB-F	
JL2							E	1.42	I	0.45	M	2.81	

APPROACH BRIDGE CROSS GIRDER SPLICE C5 HL1HS													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks	
2	SPL	PL	180* 9	953		0.69	E	0.34	M	0.69		WEB	
20		TCB	M 22* 65			0.10	I	0.10				WEB	
HL1HS							E	0.34	I	0.10	M	0.69	

APPROACH BRIDGE CROSS GIRDER SPLICE C5 JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		WEB
26		TCB	M 22* 65			0.13	I	0.13				WEB
2	SPL	PL	297* 9	1305		1.55	E	0.78	M	1.55		WEB
48		TCB	M 22* 65			0.24	I	0.24				WEB
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14		FLG
2	SPL	PL	100* 9	297		0.12	E	0.06	M	0.12		FLG
8		TCB	M 22* 65			0.04	I	0.04				FLG

Caluculation of Steel Primer

(Unit: mm, m²)

4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19						FB-F
8		TCB	M 22* 65			0.04	I	0.04								FB-F
JL3								E	1.42	I	0.45	M	2.81			

APPROACH BRIDGE CROSS GIRDER SPLICE C5 JL4																
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks		
2	SPL	PL	297* 9	686		0.81	E	0.41	M	0.81						WEB
26		TCB	M 22* 65			0.13	I	0.13								WEB
2	SPL	PL	297* 9	1304		1.55	E	0.77	M	1.55						WEB
48		TCB	M 22* 65			0.24	I	0.24								WEB
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14						FLG
2	SPL	PL	100* 11	297		0.12	E	0.06	M	0.12						FLG
8		TCB	M 22* 75			0.04	I	0.04								FLG
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19						FB-F
8		TCB	M 22* 65			0.04	I	0.04								FB-F
JL4								E	1.41	I	0.45	M	2.81			

APPROACH BRIDGE CROSS GIRDER SPLICE C5 HL2HS																
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks		
2	SPL	PL	180* 9	2603		1.87	E	0.94	M	1.87						WEB
50		TCB	M 22* 65			0.25	I	0.25								WEB
HL2HS								E	0.94	I	0.25	M	1.87			

APPROACH BRIDGE CROSS GIRDER SPLICE C5 JL5																
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks		
2	SPL	PL	297* 9	686		0.81	E	0.41	M	0.81						WEB
26		TCB	M 22* 65			0.13	I	0.13								WEB
2	SPL	PL	297* 9	1304		1.55	E	0.77	M	1.55						WEB
48		TCB	M 22* 65			0.24	I	0.24								WEB
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14						FLG
2	SPL	PL	100* 11	297		0.12	E	0.06	M	0.12						FLG
8		TCB	M 22* 75			0.04	I	0.04								FLG
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19						FB-F
8		TCB	M 22* 65			0.04	I	0.04								FB-F
JL5								E	1.41	I	0.45	M	2.81			

APPROACH BRIDGE CROSS GIRDER SPLICE C5 JL6																
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Caluculation of Steel Primer

(Unit: mm, m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
2	SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			WEB	
26		TCB	M 22* 65			0.13	I	0.13					WEB	
2	SPL	PL	297* 9	1252		1.49	E	0.74	M	1.49			WEB	
48		TCB	M 22* 65			0.24	I	0.24					WEB	
1	SPL	PL	270* 9	297		0.16	E	0.08	M	0.16			FLG	
2	SPL	PL	105* 12	297		0.12	E	0.06	M	0.12			FLG	
12		TCB	M 22* 75			0.06	I	0.06					FLG	
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19			FB-F	
8		TCB	M 22* 65			0.04	I	0.04					FB-F	
JL6							E	1.39	I	0.47	M	2.77		

APPROACH BRIDGE CROSS GIRDER SPLICE C5 JL6A														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
2	SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			WEB	
24		TCB	M 22* 65			0.12	I	0.12					WEB	
JL6A							E	0.41	I	0.12	M	0.81		

APPROACH BRIDGE CROSS GIRDER SPLICE C5 JL6B														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
2	SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			WEB	
24		TCB	M 22* 65			0.12	I	0.12					WEB	
JL6B							E	0.41	I	0.12	M	0.81		

APPROACH BRIDGE CROSS GIRDER SPLICE C5 HL3HS														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
2	SPL	PL	180* 9	1567		1.13	E	0.56	M	1.13			WEB	
30		TCB	M 22* 65			0.15	I	0.15					WEB	
2	SPL	PL	180* 9	1587		1.14	E	0.57	M	1.14			WEB	
30		TCB	M 22* 65			0.15	I	0.15					WEB	
2	SPL	PL	180* 9	1568		1.13	E	0.56	M	1.13			WEB	
30		TCB	M 22* 65			0.15	I	0.15					WEB	
HL3HS							E	1.69	I	0.45	M	3.40		

APPROACH BRIDGE CROSS GIRDER SPLICE C5 JL7													

Caluculation of Steel Primer

(Unit: mm, m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
2	SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		WEB	
26		TCB	M 22* 65			0.13	I	0.13				WEB	
2	SPL	PL	297* 9	1305		1.55	E	0.78	M	1.55		WEB	
48		TCB	M 22* 65			0.24	I	0.24				WEB	
1	SPL	PL	270* 9	297		0.16	E	0.08	M	0.16		FLG	
2	SPL	PL	105* 12	297		0.12	E	0.06	M	0.12		FLG	
12		TCB	M 22* 75			0.06	I	0.06				FLG	
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19		FB-F	
8		TCB	M 22* 65			0.04	I	0.04				FB-F	
JL7							E	1.43	I	0.47	M	2.83	

APPROACH BRIDGE CROSS GIRDER SPLICE C5 JL8													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
2	SPL	PL	297* 9	556		0.66	E	0.33	M	0.66		BR-W	
21		TCB	M 22* 65			0.11	I	0.11				BR-W	
2	SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		BR-F	
1	SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		BR-F	
8		TCB	M 22* 65			0.04	I	0.04				BR-F	
JL8							E	0.45	I	0.15	M	0.89	
C5							E	13.17	I	4.08	M	26.20	

Caluculation of Steel Primer

(Unit: mm, m²)

APPROACH BRIDGE CROSS GIRDER SPLICE C6 JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	SPL	PL	297* 9	556		0.66	E	0.33	M	0.66		BR-W
21		TCB	M 22* 65			0.11	I	0.11				BR-W
2	SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		BR-F
1	SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		BR-F
8		TCB	M 22* 65			0.04	I	0.04				BR-F
JL1							E	0.45	I	0.15	M	0.89

APPROACH BRIDGE CROSS GIRDER SPLICE C6 JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		WEB
26		TCB	M 22* 65			0.13	I	0.13				WEB
2	SPL	PL	297* 9	1305		1.55	E	0.78	M	1.55		WEB
48		TCB	M 22* 65			0.24	I	0.24				WEB
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14		FLG
2	SPL	PL	100* 9	297		0.12	E	0.06	M	0.12		FLG
8		TCB	M 22* 65			0.04	I	0.04				FLG
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19		FB-F
8		TCB	M 22* 65			0.04	I	0.04				FB-F
JL2							E	1.42	I	0.45	M	2.81

APPROACH BRIDGE CROSS GIRDER SPLICE C6 HL1HS												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	SPL	PL	180* 9	953		0.69	E	0.34	M	0.69		WEB
20		TCB	M 22* 65			0.10	I	0.10				WEB
HL1HS							E	0.34	I	0.10	M	0.69

APPROACH BRIDGE CROSS GIRDER SPLICE C6 JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		WEB
26		TCB	M 22* 65			0.13	I	0.13				WEB
2	SPL	PL	297* 9	1305		1.55	E	0.78	M	1.55		WEB
48		TCB	M 22* 65			0.24	I	0.24				WEB
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14		FLG
2	SPL	PL	100* 9	297		0.12	E	0.06	M	0.12		FLG
8		TCB	M 22* 65			0.04	I	0.04				FLG

Caluculation of Steel Primer

(Unit: mm, m²)

4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19										FB-F
8		TCB	M 22* 65			0.04	I	0.04												FB-F
							JL3	E	1.42	I	0.45	M	2.81							

APPROACH BRIDGE CROSS GIRDER SPLICE C6 JL4																				
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area												Remarks	
2	SPL	PL	297* 9	686		0.81	E	0.41	M	0.81										WEB
26		TCB	M 22* 65			0.13	I	0.13												WEB
2	SPL	PL	297* 9	1304		1.55	E	0.77	M	1.55										WEB
48		TCB	M 22* 65			0.24	I	0.24												WEB
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14										FLG
2	SPL	PL	100* 11	297		0.12	E	0.06	M	0.12										FLG
8		TCB	M 22* 75			0.04	I	0.04												FLG
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19										FB-F
8		TCB	M 22* 65			0.04	I	0.04												FB-F
							JL4	E	1.41	I	0.45	M	2.81							

APPROACH BRIDGE CROSS GIRDER SPLICE C6 HL2HS																				
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area												Remarks	
2	SPL	PL	180* 9	2603		1.87	E	0.94	M	1.87										WEB
50		TCB	M 22* 65			0.25	I	0.25												WEB
							HL2HS	E	0.94	I	0.25	M	1.87							

APPROACH BRIDGE CROSS GIRDER SPLICE C6 JL5																				
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area												Remarks	
2	SPL	PL	297* 9	686		0.81	E	0.41	M	0.81										WEB
26		TCB	M 22* 65			0.13	I	0.13												WEB
2	SPL	PL	297* 9	1304		1.55	E	0.77	M	1.55										WEB
48		TCB	M 22* 65			0.24	I	0.24												WEB
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14										FLG
2	SPL	PL	100* 11	297		0.12	E	0.06	M	0.12										FLG
8		TCB	M 22* 75			0.04	I	0.04												FLG
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19										FB-F
8		TCB	M 22* 65			0.04	I	0.04												FB-F
							JL5	E	1.41	I	0.45	M	2.81							

APPROACH BRIDGE CROSS GIRDER SPLICE C6 JL6																				
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Caluculation of Steel Primer

(Unit: mm, m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
2	SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		WEB	
26		TCB	M 22* 65			0.13	I	0.13				WEB	
2	SPL	PL	297* 9	1252		1.49	E	0.74	M	1.49		WEB	
48		TCB	M 22* 65			0.24	I	0.24				WEB	
1	SPL	PL	270* 9	297		0.16	E	0.08	M	0.16		FLG	
2	SPL	PL	105* 12	297		0.12	E	0.06	M	0.12		FLG	
12		TCB	M 22* 75			0.06	I	0.06				FLG	
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19		FB-F	
8		TCB	M 22* 65			0.04	I	0.04				FB-F	
JL6							E	1.39	I	0.47	M	2.77	

APPROACH BRIDGE CROSS GIRDER SPLICE C6 JL6A													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
2	SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		WEB	
24		TCB	M 22* 65			0.12	I	0.12				WEB	
JL6A							E	0.41	I	0.12	M	0.81	

APPROACH BRIDGE CROSS GIRDER SPLICE C6 JL6B													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
2	SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		WEB	
24		TCB	M 22* 65			0.12	I	0.12				WEB	
JL6B							E	0.41	I	0.12	M	0.81	

APPROACH BRIDGE CROSS GIRDER SPLICE C6 HL3HS													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
2	SPL	PL	180* 9	1567		1.13	E	0.56	M	1.13		WEB	
30		TCB	M 22* 65			0.15	I	0.15				WEB	
2	SPL	PL	180* 9	1587		1.14	E	0.57	M	1.14		WEB	
30		TCB	M 22* 65			0.15	I	0.15				WEB	
2	SPL	PL	180* 9	1266		0.91	E	0.46	M	0.91		WEB	
24		TCB	M 22* 65			0.12	I	0.12				WEB	
HL3HS							E	1.59	I	0.42	M	3.18	

APPROACH BRIDGE CROSS GIRDER SPLICE C6 JL7												

Caluculation of Steel Primer

(Unit: mm, m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
2	SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		WEB	
26		TCB	M 22* 65			0.13	I	0.13				WEB	
2	SPL	PL	297* 9	1305		1.55	E	0.78	M	1.55		WEB	
48		TCB	M 22* 65			0.24	I	0.24				WEB	
1	SPL	PL	270* 9	297		0.16	E	0.08	M	0.16		FLG	
2	SPL	PL	105* 12	297		0.12	E	0.06	M	0.12		FLG	
12		TCB	M 22* 75			0.06	I	0.06				FLG	
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19		FB-F	
8		TCB	M 22* 65			0.04	I	0.04				FB-F	
JL7							E	1.43	I	0.47	M	2.83	

APPROACH BRIDGE CROSS GIRDER SPLICE C6 JL8													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
2	SPL	PL	297* 9	556		0.66	E	0.33	M	0.66		BR-W	
21		TCB	M 22* 65			0.11	I	0.11				BR-W	
2	SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		BR-F	
1	SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		BR-F	
8		TCB	M 22* 65			0.04	I	0.04				BR-F	
JL8							E	0.45	I	0.15	M	0.89	
C6							E	13.07	I	4.05	M	25.98	

Caluculation of Steel Primer

(Unit: mm, m²)

APPROACH BRIDGE CROSS GIRDER SPLICE C7 JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	SPL	PL	297* 9	556		0.66	E	0.33	M	0.66		BR-W
21		TCB	M 22* 65			0.11	I	0.11				BR-W
2	SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		BR-F
1	SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		BR-F
8		TCB	M 22* 65			0.04	I	0.04				BR-F
JL1							E	0.45	I	0.15	M	0.89

APPROACH BRIDGE CROSS GIRDER SPLICE C7 JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		WEB
26		TCB	M 22* 65			0.13	I	0.13				WEB
2	SPL	PL	297* 9	1305		1.55	E	0.78	M	1.55		WEB
48		TCB	M 22* 65			0.24	I	0.24				WEB
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14		FLG
2	SPL	PL	100* 9	297		0.12	E	0.06	M	0.12		FLG
8		TCB	M 22* 65			0.04	I	0.04				FLG
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19		FB-F
8		TCB	M 22* 65			0.04	I	0.04				FB-F
JL2							E	1.42	I	0.45	M	2.81

APPROACH BRIDGE CROSS GIRDER SPLICE C7 HL1HS												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	SPL	PL	180* 9	953		0.69	E	0.34	M	0.69		WEB
20		TCB	M 22* 65			0.10	I	0.10				WEB
HL1HS							E	0.34	I	0.10	M	0.69

APPROACH BRIDGE CROSS GIRDER SPLICE C7 JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		WEB
26		TCB	M 22* 65			0.13	I	0.13				WEB
2	SPL	PL	297* 9	1305		1.55	E	0.78	M	1.55		WEB
48		TCB	M 22* 65			0.24	I	0.24				WEB
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14		FLG
2	SPL	PL	100* 9	297		0.12	E	0.06	M	0.12		FLG
8		TCB	M 22* 65			0.04	I	0.04				FLG

Caluculation of Steel Primer

(Unit: mm, m²)

4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19					FB-F
8		TCB	M 22* 65			0.04	I	0.04							FB-F
JL3							E	1.42	I	0.45	M	2.81			

APPROACH BRIDGE CROSS GIRDER SPLICE C7 JL4															
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area								Remarks
2	SPL	PL	297* 9	686		0.81	E	0.41	M	0.81					WEB
26		TCB	M 22* 65			0.13	I	0.13							WEB
2	SPL	PL	297* 9	1304		1.55	E	0.77	M	1.55					WEB
48		TCB	M 22* 65			0.24	I	0.24							WEB
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14					FLG
2	SPL	PL	100* 11	297		0.12	E	0.06	M	0.12					FLG
8		TCB	M 22* 75			0.04	I	0.04							FLG
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19					FB-F
8		TCB	M 22* 65			0.04	I	0.04							FB-F
JL4							E	1.41	I	0.45	M	2.81			

APPROACH BRIDGE CROSS GIRDER SPLICE C7 HL2HS															
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area								Remarks
2	SPL	PL	180* 9	2603		1.87	E	0.94	M	1.87					WEB
50		TCB	M 22* 65			0.25	I	0.25							WEB
HL2HS							E	0.94	I	0.25	M	1.87			

APPROACH BRIDGE CROSS GIRDER SPLICE C7 JL5															
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area								Remarks
2	SPL	PL	297* 9	686		0.81	E	0.41	M	0.81					WEB
26		TCB	M 22* 65			0.13	I	0.13							WEB
2	SPL	PL	297* 9	1304		1.55	E	0.77	M	1.55					WEB
48		TCB	M 22* 65			0.24	I	0.24							WEB
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14					FLG
2	SPL	PL	100* 11	297		0.12	E	0.06	M	0.12					FLG
8		TCB	M 22* 75			0.04	I	0.04							FLG
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19					FB-F
8		TCB	M 22* 65			0.04	I	0.04							FB-F
JL5							E	1.41	I	0.45	M	2.81			

APPROACH BRIDGE CROSS GIRDER SPLICE C7 JL6															
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Caluculation of Steel Primer

(Unit: mm, m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
2	SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		WEB	
26		TCB	M 22* 65			0.13	I	0.13				WEB	
2	SPL	PL	297* 9	1252		1.49	E	0.74	M	1.49		WEB	
48		TCB	M 22* 65			0.24	I	0.24				WEB	
1	SPL	PL	270* 9	297		0.16	E	0.08	M	0.16		FLG	
2	SPL	PL	105* 12	297		0.12	E	0.06	M	0.12		FLG	
12		TCB	M 22* 75			0.06	I	0.06				FLG	
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19		FB-F	
8		TCB	M 22* 65			0.04	I	0.04				FB-F	
JL6							E	1.39	I	0.47	M	2.77	

APPROACH BRIDGE CROSS GIRDER SPLICE C7 JL6A													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
2	SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		WEB	
24		TCB	M 22* 65			0.12	I	0.12				WEB	
JL6A							E	0.41	I	0.12	M	0.81	

APPROACH BRIDGE CROSS GIRDER SPLICE C7 HL3HS													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
2	SPL	PL	180* 9	1567		1.13	E	0.56	M	1.13		WEB	
30		TCB	M 22* 65			0.15	I	0.15				WEB	
2	SPL	PL	180* 9	2552		1.84	E	0.92	M	1.84		WEB	
56		TCB	M 22* 65			0.28	I	0.28				WEB	
HL3HS							E	1.48	I	0.43	M	2.97	

APPROACH BRIDGE CROSS GIRDER SPLICE C7 JL7												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
2	SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		WEB
26		TCB	M 22* 65			0.13	I	0.13				WEB
2	SPL	PL	297* 9	1305		1.55	E	0.78	M	1.55		WEB
48		TCB	M 22* 65			0.24	I	0.24				WEB
1	SPL	PL	270* 9	297		0.16	E	0.08	M	0.16		FLG
2	SPL	PL	105* 12	297		0.12	E	0.06	M	0.12		FLG
12		TCB	M 22* 75			0.06	I	0.06				FLG
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19		FB-F
8		TCB	M 22* 65			0.04	I	0.04				FB-F

Caluculation of Steel Primer

(Unit: mm,m²)

JL7					E	1.43	I	0.47	M	2.83		

APPROACH BRIDGE CROSS GIRDER SPLICE C7 JL8													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	SPL	PL	297* 9	556		0.66	E	0.33	M	0.66			BR-W
21		TCB	M 22* 65			0.11	I	0.11					BR-W
2	SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			BR-F
1	SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			BR-F
8		TCB	M 22* 65			0.04	I	0.04					BR-F
JL8							E	0.45	I	0.15	M	0.89	
C7							E	12.55	I	3.94	M	24.96	

Caluculation of Steel Primer

(Unit: mm, m²)

APPROACH BRIDGE CROSS GIRDER SPLICE C8 JL1													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	SPL	PL	297* 9	556		0.66	E	0.33	M	0.66			BR-W
21		TCB	M 22* 65			0.11	I	0.11					BR-W
2	SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			BR-F
1	SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			BR-F
8		TCB	M 22* 65			0.04	I	0.04					BR-F
JL1							E	0.45	I	0.15	M	0.89	

APPROACH BRIDGE CROSS GIRDER SPLICE C8 JL2													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			WEB
26		TCB	M 22* 65			0.13	I	0.13					WEB
2	SPL	PL	297* 9	1305		1.55	E	0.78	M	1.55			WEB
48		TCB	M 22* 65			0.24	I	0.24					WEB
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14			FLG
2	SPL	PL	100* 9	297		0.12	E	0.06	M	0.12			FLG
8		TCB	M 22* 65			0.04	I	0.04					FLG
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19			FB-F
8		TCB	M 22* 65			0.04	I	0.04					FB-F
JL2							E	1.42	I	0.45	M	2.81	

APPROACH BRIDGE CROSS GIRDER SPLICE C8 HL1HS													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	SPL	PL	180* 9	953		0.69	E	0.34	M	0.69			WEB
20		TCB	M 22* 65			0.10	I	0.10					WEB
HL1HS							E	0.34	I	0.10	M	0.69	

APPROACH BRIDGE CROSS GIRDER SPLICE C8 JL3													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			WEB
26		TCB	M 22* 65			0.13	I	0.13					WEB
2	SPL	PL	297* 9	1305		1.55	E	0.78	M	1.55			WEB
48		TCB	M 22* 65			0.24	I	0.24					WEB
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14			FLG
2	SPL	PL	100* 9	297		0.12	E	0.06	M	0.12			FLG
8		TCB	M 22* 65			0.04	I	0.04					FLG

Caluculation of Steel Primer

(Unit: mm, m²)

4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19						FB-F
8		TCB	M 22* 65			0.04	I	0.04								FB-F
JL3								E	1.42	I	0.45	M	2.81			

APPROACH BRIDGE CROSS GIRDER SPLICE C8 JL4																
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area									Remarks
2	SPL	PL	297* 9	686		0.81	E	0.41	M	0.81						WEB
26		TCB	M 22* 65			0.13	I	0.13								WEB
2	SPL	PL	297* 9	1304		1.55	E	0.77	M	1.55						WEB
48		TCB	M 22* 65			0.24	I	0.24								WEB
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14						FLG
2	SPL	PL	100* 11	297		0.12	E	0.06	M	0.12						FLG
8		TCB	M 22* 75			0.04	I	0.04								FLG
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19						FB-F
8		TCB	M 22* 65			0.04	I	0.04								FB-F
JL4								E	1.41	I	0.45	M	2.81			

APPROACH BRIDGE CROSS GIRDER SPLICE C8 HL2HS																
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area									Remarks
2	SPL	PL	180* 9	2603		1.87	E	0.94	M	1.87						WEB
50		TCB	M 22* 65			0.25	I	0.25								WEB
HL2HS								E	0.94	I	0.25	M	1.87			

APPROACH BRIDGE CROSS GIRDER SPLICE C8 JL5																
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area									Remarks
2	SPL	PL	297* 9	686		0.81	E	0.41	M	0.81						WEB
26		TCB	M 22* 65			0.13	I	0.13								WEB
2	SPL	PL	297* 9	1304		1.55	E	0.77	M	1.55						WEB
48		TCB	M 22* 65			0.24	I	0.24								WEB
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14						FLG
2	SPL	PL	100* 11	297		0.12	E	0.06	M	0.12						FLG
8		TCB	M 22* 75			0.04	I	0.04								FLG
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19						FB-F
8		TCB	M 22* 65			0.04	I	0.04								FB-F
JL5								E	1.41	I	0.45	M	2.81			

APPROACH BRIDGE CROSS GIRDER SPLICE C8 JL6																
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Caluculation of Steel Primer

(Unit: mm, m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
2	SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			WEB	
26		TCB	M 22* 65			0.13	I	0.13					WEB	
2	SPL	PL	297* 9	1252		1.49	E	0.74	M	1.49			WEB	
48		TCB	M 22* 65			0.24	I	0.24					WEB	
1	SPL	PL	270* 9	297		0.16	E	0.08	M	0.16			FLG	
2	SPL	PL	105* 12	297		0.12	E	0.06	M	0.12			FLG	
12		TCB	M 22* 75			0.06	I	0.06					FLG	
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19			FB-F	
8		TCB	M 22* 65			0.04	I	0.04					FB-F	
JL6							E	1.39	I	0.47	M	2.77		

APPROACH BRIDGE CROSS GIRDER SPLICE C8 JL6A														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
2	SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			WEB	
24		TCB	M 22* 65			0.12	I	0.12					WEB	
JL6A							E	0.41	I	0.12	M	0.81		

APPROACH BRIDGE CROSS GIRDER SPLICE C8 HL3HS														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
2	SPL	PL	180* 9	1567		1.13	E	0.56	M	1.13			WEB	
30		TCB	M 22* 65			0.15	I	0.15					WEB	
2	SPL	PL	180* 9	2552		1.84	E	0.92	M	1.84			WEB	
48		TCB	M 22* 65			0.24	I	0.24					WEB	
HL3HS							E	1.48	I	0.39	M	2.97		

APPROACH BRIDGE CROSS GIRDER SPLICE C8 JL7													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
2	SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			WEB
26		TCB	M 22* 65			0.13	I	0.13					WEB
2	SPL	PL	297* 9	1305		1.55	E	0.78	M	1.55			WEB
48		TCB	M 22* 65			0.24	I	0.24					WEB
1	SPL	PL	270* 9	297		0.16	E	0.08	M	0.16			FLG
2	SPL	PL	105* 12	297		0.12	E	0.06	M	0.12			FLG
12		TCB	M 22* 75			0.06	I	0.06					FLG
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19			FB-F
8		TCB	M 22* 65			0.04	I	0.04					FB-F

Caluculation of Steel Primer

(Unit: mm,m²)

JL7					E	1.43	I	0.47	M	2.83		

APPROACH BRIDGE CROSS GIRDER SPLICE C8 JL8													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	SPL	PL	297* 9	556		0.66	E	0.33	M	0.66			BR-W
21		TCB	M 22* 65			0.11	I	0.11					BR-W
2	SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			BR-F
1	SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			BR-F
8		TCB	M 22* 65			0.04	I	0.04					BR-F
JL8					E	0.45	I	0.15	M	0.89			
C8					E	12.55	I	3.90	M	24.96			

Caluculation of Steel Primer

(Unit: mm, m²)

APPROACH BRIDGE CROSS GIRDER SPLICE C9 JL1														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
2	SPL	PL	297* 9	556		0.66	E	0.33	M	0.66				BR-W
21		TCB	M 22* 65			0.11	I	0.11						BR-W
2	SPL	PL	80* 9	297		0.10	E	0.05	M	0.10				BR-F
1	SPL	PL	220* 9	297		0.13	E	0.07	M	0.13				BR-F
8		TCB	M 22* 65			0.04	I	0.04						BR-F
JL1							E	0.45	I	0.15	M	0.89		

APPROACH BRIDGE CROSS GIRDER SPLICE C9 JL2														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
2	SPL	PL	297* 9	685		0.81	E	0.41	M	0.81				WEB
26		TCB	M 22* 65			0.13	I	0.13						WEB
2	SPL	PL	297* 9	1305		1.55	E	0.78	M	1.55				WEB
48		TCB	M 22* 65			0.24	I	0.24						WEB
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14				FLG
2	SPL	PL	100* 9	297		0.12	E	0.06	M	0.12				FLG
8		TCB	M 22* 65			0.04	I	0.04						FLG
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19				FB-F
8		TCB	M 22* 65			0.04	I	0.04						FB-F
JL2							E	1.42	I	0.45	M	2.81		

APPROACH BRIDGE CROSS GIRDER SPLICE C9 HL1HS														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
2	SPL	PL	180* 9	953		0.69	E	0.34	M	0.69				WEB
20		TCB	M 22* 65			0.10	I	0.10						WEB
HL1HS							E	0.34	I	0.10	M	0.69		

APPROACH BRIDGE CROSS GIRDER SPLICE C9 JL3														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
2	SPL	PL	297* 9	685		0.81	E	0.41	M	0.81				WEB
26		TCB	M 22* 65			0.13	I	0.13						WEB
2	SPL	PL	297* 9	1305		1.55	E	0.78	M	1.55				WEB
48		TCB	M 22* 65			0.24	I	0.24						WEB
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14				FLG
2	SPL	PL	100* 9	297		0.12	E	0.06	M	0.12				FLG
8		TCB	M 22* 65			0.04	I	0.04						FLG

Caluculation of Steel Primer

(Unit: mm, m²)

4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19				FB-F
8		TCB	M 22* 65			0.04	I	0.04						FB-F
JL3							E	1.42	I	0.45	M	2.81		

APPROACH BRIDGE CROSS GIRDER SPLICE C9 JL4														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
2	SPL	PL	297* 9	686		0.81	E	0.41	M	0.81				WEB
26		TCB	M 22* 65			0.13	I	0.13						WEB
2	SPL	PL	297* 9	1304		1.55	E	0.77	M	1.55				WEB
48		TCB	M 22* 65			0.24	I	0.24						WEB
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14				FLG
2	SPL	PL	100* 11	297		0.12	E	0.06	M	0.12				FLG
8		TCB	M 22* 75			0.04	I	0.04						FLG
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19				FB-F
8		TCB	M 22* 65			0.04	I	0.04						FB-F
JL4							E	1.41	I	0.45	M	2.81		

APPROACH BRIDGE CROSS GIRDER SPLICE C9 HL2HS														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
2	SPL	PL	180* 9	2603		1.87	E	0.94	M	1.87				WEB
50		TCB	M 22* 65			0.25	I	0.25						WEB
HL2HS							E	0.94	I	0.25	M	1.87		

APPROACH BRIDGE CROSS GIRDER SPLICE C9 JL5														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
2	SPL	PL	297* 9	686		0.81	E	0.41	M	0.81				WEB
26		TCB	M 22* 65			0.13	I	0.13						WEB
2	SPL	PL	297* 9	1304		1.55	E	0.77	M	1.55				WEB
48		TCB	M 22* 65			0.24	I	0.24						WEB
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14				FLG
2	SPL	PL	100* 11	297		0.12	E	0.06	M	0.12				FLG
8		TCB	M 22* 75			0.04	I	0.04						FLG
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19				FB-F
8		TCB	M 22* 65			0.04	I	0.04						FB-F
JL5							E	1.41	I	0.45	M	2.81		

APPROACH BRIDGE CROSS GIRDER SPLICE C9 JL6														
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Caluculation of Steel Primer

(Unit: mm, m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
2	SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		WEB	
26		TCB	M 22* 65			0.13	I	0.13				WEB	
2	SPL	PL	297* 9	1252		1.49	E	0.74	M	1.49		WEB	
48		TCB	M 22* 65			0.24	I	0.24				WEB	
1	SPL	PL	270* 9	297		0.16	E	0.08	M	0.16		FLG	
2	SPL	PL	105* 12	297		0.12	E	0.06	M	0.12		FLG	
12		TCB	M 22* 75			0.06	I	0.06				FLG	
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19		FB-F	
8		TCB	M 22* 65			0.04	I	0.04				FB-F	
JL6							E	1.39	I	0.47	M	2.77	

APPROACH BRIDGE CROSS GIRDER SPLICE C9 JL6A													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
2	SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		WEB	
24		TCB	M 22* 65			0.12	I	0.12				WEB	
JL6A							E	0.41	I	0.12	M	0.81	

APPROACH BRIDGE CROSS GIRDER SPLICE C9 HL3HS													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
2	SPL	PL	180* 9	1567		1.13	E	0.56	M	1.13		WEB	
30		TCB	M 22* 65			0.15	I	0.15				WEB	
2	SPL	PL	180* 9	2425		1.75	E	0.87	M	1.75		WEB	
46		TCB	M 22* 65			0.23	I	0.23				WEB	
HL3HS							E	1.43	I	0.38	M	2.88	

APPROACH BRIDGE CROSS GIRDER SPLICE C9 JL7												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
2	SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		WEB
26		TCB	M 22* 65			0.13	I	0.13				WEB
2	SPL	PL	297* 9	1305		1.55	E	0.78	M	1.55		WEB
48		TCB	M 22* 65			0.24	I	0.24				WEB
1	SPL	PL	270* 9	297		0.16	E	0.08	M	0.16		FLG
2	SPL	PL	105* 12	297		0.12	E	0.06	M	0.12		FLG
12		TCB	M 22* 75			0.06	I	0.06				FLG
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19		FB-F
8		TCB	M 22* 65			0.04	I	0.04				FB-F

Caluculation of Steel Primer

(Unit: mm,m²)

JL7					E	1.43	I	0.47	M	2.83		

APPROACH BRIDGE CROSS GIRDER SPLICE C9 JL8													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	SPL	PL	297* 9	556		0.66	E	0.33	M	0.66			BR-W
21		TCB	M 22* 65			0.11	I	0.11					BR-W
2	SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			BR-F
1	SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			BR-F
8		TCB	M 22* 65			0.04	I	0.04					BR-F
JL8							E	0.45	I	0.15	M	0.89	
C9							E	12.50	I	3.89	M	24.87	

Caluculation of Steel Primer

(Unit: mm, m²)

APPROACH BRIDGE CROSS GIRDER SPLICE C10 JL1													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks	
2	SPL	PL	297* 9	556		0.66	E	0.33	M	0.66		BR-W	
21		TCB	M 22* 65			0.11	I	0.11				BR-W	
2	SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		BR-F	
1	SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		BR-F	
8		TCB	M 22* 65			0.04	I	0.04				BR-F	
JL1							E	0.45	I	0.15	M	0.89	

APPROACH BRIDGE CROSS GIRDER SPLICE C10 JL2													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks	
2	SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		WEB	
26		TCB	M 22* 65			0.13	I	0.13				WEB	
2	SPL	PL	297* 9	1305		1.55	E	0.78	M	1.55		WEB	
48		TCB	M 22* 65			0.24	I	0.24				WEB	
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14		FLG	
2	SPL	PL	100* 9	297		0.12	E	0.06	M	0.12		FLG	
8		TCB	M 22* 65			0.04	I	0.04				FLG	
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19		FB-F	
8		TCB	M 22* 65			0.04	I	0.04				FB-F	
JL2							E	1.42	I	0.45	M	2.81	

APPROACH BRIDGE CROSS GIRDER SPLICE C10 HL1HS													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks	
2	SPL	PL	180* 9	953		0.69	E	0.34	M	0.69		WEB	
20		TCB	M 22* 65			0.10	I	0.10				WEB	
HL1HS							E	0.34	I	0.10	M	0.69	

APPROACH BRIDGE CROSS GIRDER SPLICE C10 JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		WEB
26		TCB	M 22* 65			0.13	I	0.13				WEB
2	SPL	PL	297* 9	1305		1.55	E	0.78	M	1.55		WEB
48		TCB	M 22* 65			0.24	I	0.24				WEB
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14		FLG
2	SPL	PL	100* 9	297		0.12	E	0.06	M	0.12		FLG
8		TCB	M 22* 65			0.04	I	0.04				FLG

Caluculation of Steel Primer

(Unit: mm, m²)

4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19								FB-F
8		TCB	M 22* 65			0.04	I	0.04										FB-F
							JL3	E	1.42	I	0.45	M	2.81					

APPROACH BRIDGE CROSS GIRDER SPLICE C10 JL4																			
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area											Remarks	
2	SPL	PL	297* 9	686		0.81	E	0.41	M	0.81									WEB
26		TCB	M 22* 65			0.13	I	0.13											WEB
2	SPL	PL	297* 9	1304		1.55	E	0.77	M	1.55									WEB
48		TCB	M 22* 65			0.24	I	0.24											WEB
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14									FLG
2	SPL	PL	100* 11	297		0.12	E	0.06	M	0.12									FLG
8		TCB	M 22* 75			0.04	I	0.04											FLG
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19									FB-F
8		TCB	M 22* 65			0.04	I	0.04											FB-F
							JL4	E	1.41	I	0.45	M	2.81						

APPROACH BRIDGE CROSS GIRDER SPLICE C10 HL2HS																			
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area											Remarks	
2	SPL	PL	180* 9	2603		1.87	E	0.94	M	1.87									WEB
50		TCB	M 22* 65			0.25	I	0.25											WEB
							HL2HS	E	0.94	I	0.25	M	1.87						

APPROACH BRIDGE CROSS GIRDER SPLICE C10 JL5																			
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area											Remarks	
2	SPL	PL	297* 9	686		0.81	E	0.41	M	0.81									WEB
26		TCB	M 22* 65			0.13	I	0.13											WEB
2	SPL	PL	297* 9	1304		1.55	E	0.77	M	1.55									WEB
48		TCB	M 22* 65			0.24	I	0.24											WEB
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14									FLG
2	SPL	PL	100* 11	297		0.12	E	0.06	M	0.12									FLG
8		TCB	M 22* 75			0.04	I	0.04											FLG
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19									FB-F
8		TCB	M 22* 65			0.04	I	0.04											FB-F
							JL5	E	1.41	I	0.45	M	2.81						

APPROACH BRIDGE CROSS GIRDER SPLICE C10 JL6																		
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Caluculation of Steel Primer

(Unit: mm, m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
2	SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		WEB	
26		TCB	M 22* 65			0.13	I	0.13				WEB	
2	SPL	PL	297* 9	1252		1.49	E	0.74	M	1.49		WEB	
48		TCB	M 22* 65			0.24	I	0.24				WEB	
1	SPL	PL	270* 9	297		0.16	E	0.08	M	0.16		FLG	
2	SPL	PL	105* 12	297		0.12	E	0.06	M	0.12		FLG	
12		TCB	M 22* 75			0.06	I	0.06				FLG	
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19		FB-F	
8		TCB	M 22* 65			0.04	I	0.04				FB-F	
JL6							E	1.39	I	0.47	M	2.77	

APPROACH BRIDGE CROSS GIRDER SPLICE C10 JL6A													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
2	SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		WEB	
24		TCB	M 22* 65			0.12	I	0.12				WEB	
JL6A							E	0.41	I	0.12	M	0.81	

APPROACH BRIDGE CROSS GIRDER SPLICE C10 HL3HS													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
2	SPL	PL	180* 9	1567		1.13	E	0.56	M	1.13		WEB	
30		TCB	M 22* 65			0.15	I	0.15				WEB	
2	SPL	PL	180* 9	2344		1.69	E	0.84	M	1.69		WEB	
44		TCB	M 22* 65			0.22	I	0.22				WEB	
HL3HS							E	1.40	I	0.37	M	2.82	

APPROACH BRIDGE CROSS GIRDER SPLICE C10 JL7												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
2	SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		WEB
26		TCB	M 22* 65			0.13	I	0.13				WEB
2	SPL	PL	297* 9	1305		1.55	E	0.78	M	1.55		WEB
48		TCB	M 22* 65			0.24	I	0.24				WEB
1	SPL	PL	270* 9	297		0.16	E	0.08	M	0.16		FLG
2	SPL	PL	105* 12	297		0.12	E	0.06	M	0.12		FLG
12		TCB	M 22* 75			0.06	I	0.06				FLG
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19		FB-F
8		TCB	M 22* 65			0.04	I	0.04				FB-F

Caluculation of Steel Primer

(Unit: mm,m²)

JL7					E	1.43	I	0.47	M	2.83		

APPROACH BRIDGE CROSS GIRDER SPLICE C10 JL8													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	SPL	PL	297* 9	556		0.66	E	0.33	M	0.66			BR-W
21		TCB	M 22* 65			0.11	I	0.11					BR-W
2	SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			BR-F
1	SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			BR-F
8		TCB	M 22* 65			0.04	I	0.04					BR-F
JL8					E	0.45	I	0.15	M	0.89			
C10					E	12.47	I	3.88	M	24.81			

Caluculation of Steel Primer

(Unit: mm, m²)

APPROACH BRIDGE CROSS GIRDER SPLICE C11 JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	SPL	PL	297* 9	556		0.66	E	0.33	M	0.66		BR-W
21		TCB	M 22* 65			0.11	I	0.11				BR-W
2	SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		BR-F
1	SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		BR-F
8		TCB	M 22* 65			0.04	I	0.04				BR-F
JL1							E	0.45	I	0.15	M	0.89

APPROACH BRIDGE CROSS GIRDER SPLICE C11 JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		WEB
26		TCB	M 22* 65			0.13	I	0.13				WEB
2	SPL	PL	297* 9	1305		1.55	E	0.78	M	1.55		WEB
48		TCB	M 22* 65			0.24	I	0.24				WEB
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14		FLG
2	SPL	PL	100* 9	297		0.12	E	0.06	M	0.12		FLG
8		TCB	M 22* 65			0.04	I	0.04				FLG
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19		FB-F
8		TCB	M 22* 65			0.04	I	0.04				FB-F
JL2							E	1.42	I	0.45	M	2.81

APPROACH BRIDGE CROSS GIRDER SPLICE C11 HL1HS												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	SPL	PL	180* 9	953		0.69	E	0.34	M	0.69		WEB
20		TCB	M 22* 65			0.10	I	0.10				WEB
HL1HS							E	0.34	I	0.10	M	0.69

APPROACH BRIDGE CROSS GIRDER SPLICE C11 JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		WEB
26		TCB	M 22* 65			0.13	I	0.13				WEB
2	SPL	PL	297* 9	1305		1.55	E	0.78	M	1.55		WEB
48		TCB	M 22* 65			0.24	I	0.24				WEB
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14		FLG
2	SPL	PL	100* 9	297		0.12	E	0.06	M	0.12		FLG
8		TCB	M 22* 65			0.04	I	0.04				FLG

Caluculation of Steel Primer

(Unit: mm, m²)

4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19									FB-F						
8		TCB	M 22* 65			0.04	I	0.04											FB-F						
JL3																E	1.42	I	0.45	M	2.81				

APPROACH BRIDGE CROSS GIRDER SPLICE C11 JL4																									
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area												Remarks						
2	SPL	PL	297* 9	686		0.81	E	0.41	M	0.81									WEB						
26		TCB	M 22* 65			0.13	I	0.13											WEB						
2	SPL	PL	297* 9	1304		1.55	E	0.77	M	1.55									WEB						
48		TCB	M 22* 65			0.24	I	0.24											WEB						
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14									FLG						
2	SPL	PL	100* 11	297		0.12	E	0.06	M	0.12									FLG						
8		TCB	M 22* 75			0.04	I	0.04											FLG						
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19									FB-F						
8		TCB	M 22* 65			0.04	I	0.04											FB-F						
JL4																E	1.41	I	0.45	M	2.81				

APPROACH BRIDGE CROSS GIRDER SPLICE C11 HL2HS																									
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area												Remarks						
2	SPL	PL	180* 9	2603		1.87	E	0.94	M	1.87									WEB						
50		TCB	M 22* 65			0.25	I	0.25											WEB						
HL2HS																E	0.94	I	0.25	M	1.87				

APPROACH BRIDGE CROSS GIRDER SPLICE C11 JL5																									
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area												Remarks						
2	SPL	PL	297* 9	686		0.81	E	0.41	M	0.81									WEB						
26		TCB	M 22* 65			0.13	I	0.13											WEB						
2	SPL	PL	297* 9	1304		1.55	E	0.77	M	1.55									WEB						
48		TCB	M 22* 65			0.24	I	0.24											WEB						
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14									FLG						
2	SPL	PL	100* 11	297		0.12	E	0.06	M	0.12									FLG						
8		TCB	M 22* 75			0.04	I	0.04											FLG						
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19									FB-F						
8		TCB	M 22* 65			0.04	I	0.04											FB-F						
JL5																E	1.41	I	0.45	M	2.81				

APPROACH BRIDGE CROSS GIRDER SPLICE C11 JL6																			
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Caluculation of Steel Primer

(Unit: mm, m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
2	SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		WEB	
26		TCB	M 22* 65			0.13	I	0.13				WEB	
2	SPL	PL	297* 9	1252		1.49	E	0.74	M	1.49		WEB	
48		TCB	M 22* 65			0.24	I	0.24				WEB	
1	SPL	PL	270* 9	297		0.16	E	0.08	M	0.16		FLG	
2	SPL	PL	105* 12	297		0.12	E	0.06	M	0.12		FLG	
12		TCB	M 22* 75			0.06	I	0.06				FLG	
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19		FB-F	
8		TCB	M 22* 65			0.04	I	0.04				FB-F	
JL6							E	1.39	I	0.47	M	2.77	

APPROACH BRIDGE CROSS GIRDER SPLICE C11 JL6A													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
2	SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		WEB	
24		TCB	M 22* 65			0.12	I	0.12				WEB	
JL6A							E	0.41	I	0.12	M	0.81	

APPROACH BRIDGE CROSS GIRDER SPLICE C11 HL3HS													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
2	SPL	PL	180* 9	1567		1.13	E	0.56	M	1.13		WEB	
30		TCB	M 22* 65			0.15	I	0.15				WEB	
2	SPL	PL	180* 9	2309		1.66	E	0.83	M	1.66		WEB	
44		TCB	M 22* 65			0.22	I	0.22				WEB	
HL3HS							E	1.39	I	0.37	M	2.79	

APPROACH BRIDGE CROSS GIRDER SPLICE C11 JL7												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
2	SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		WEB
26		TCB	M 22* 65			0.13	I	0.13				WEB
2	SPL	PL	297* 9	1305		1.55	E	0.78	M	1.55		WEB
48		TCB	M 22* 65			0.24	I	0.24				WEB
1	SPL	PL	270* 9	297		0.16	E	0.08	M	0.16		FLG
2	SPL	PL	105* 12	297		0.12	E	0.06	M	0.12		FLG
12		TCB	M 22* 75			0.06	I	0.06				FLG
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19		FB-F
8		TCB	M 22* 65			0.04	I	0.04				FB-F

Caluculation of Steel Primer

(Unit: mm,m²)

JL7					E	1.43	I	0.47	M	2.83		

APPROACH BRIDGE CROSS GIRDER SPLICE C11 JL8													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	SPL	PL	297* 9	556		0.66	E	0.33	M	0.66			BR-W
21		TCB	M 22* 65			0.11	I	0.11					BR-W
2	SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			BR-F
1	SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			BR-F
8		TCB	M 22* 65			0.04	I	0.04					BR-F
JL8							E	0.45	I	0.15	M	0.89	
C11							E	12.46	I	3.88	M	24.78	

Caluculation of Steel Primer

(Unit: mm, m²)

APPROACH BRIDGE CROSS GIRDER SPLICE C12 JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	SPL	PL	297* 9	556		0.66	E	0.33	M	0.66		BR-W
21		TCB	M 22* 65			0.11	I	0.11				BR-W
2	SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		BR-F
1	SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		BR-F
8		TCB	M 22* 65			0.04	I	0.04				BR-F
JL1							E	0.45	I	0.15	M	0.89

APPROACH BRIDGE CROSS GIRDER SPLICE C12 JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		WEB
26		TCB	M 22* 65			0.13	I	0.13				WEB
2	SPL	PL	297* 9	1305		1.55	E	0.78	M	1.55		WEB
48		TCB	M 22* 65			0.24	I	0.24				WEB
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14		FLG
2	SPL	PL	100* 9	297		0.12	E	0.06	M	0.12		FLG
8		TCB	M 22* 65			0.04	I	0.04				FLG
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19		FB-F
8		TCB	M 22* 65			0.04	I	0.04				FB-F
JL2							E	1.42	I	0.45	M	2.81

APPROACH BRIDGE CROSS GIRDER SPLICE C12 HL1HS												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	SPL	PL	180* 9	953		0.69	E	0.34	M	0.69		WEB
20		TCB	M 22* 65			0.10	I	0.10				WEB
HL1HS							E	0.34	I	0.10	M	0.69

APPROACH BRIDGE CROSS GIRDER SPLICE C12 JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		WEB
26		TCB	M 22* 65			0.13	I	0.13				WEB
2	SPL	PL	297* 9	1305		1.55	E	0.78	M	1.55		WEB
48		TCB	M 22* 65			0.24	I	0.24				WEB
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14		FLG
2	SPL	PL	100* 9	297		0.12	E	0.06	M	0.12		FLG
8		TCB	M 22* 65			0.04	I	0.04				FLG

Caluculation of Steel Primer

(Unit: mm,m²)

4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19					FB-F
8		TCB	M 22* 65			0.04	I	0.04							FB-F
JL3							E	1.42	I	0.45	M	2.81			

APPROACH BRIDGE CROSS GIRDER SPLICE C12 JL4															
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area								Remarks
2	SPL	PL	297* 9	686		0.81	E	0.41	M	0.81					WEB
26		TCB	M 22* 65			0.13	I	0.13							WEB
2	SPL	PL	297* 9	1304		1.55	E	0.77	M	1.55					WEB
48		TCB	M 22* 65			0.24	I	0.24							WEB
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14					FLG
2	SPL	PL	100* 11	297		0.12	E	0.06	M	0.12					FLG
8		TCB	M 22* 75			0.04	I	0.04							FLG
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19					FB-F
8		TCB	M 22* 65			0.04	I	0.04							FB-F
JL4							E	1.41	I	0.45	M	2.81			

APPROACH BRIDGE CROSS GIRDER SPLICE C12 HL2HS															
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area								Remarks
2	SPL	PL	180* 9	2603		1.87	E	0.94	M	1.87					WEB
50		TCB	M 22* 65			0.25	I	0.25							WEB
HL2HS							E	0.94	I	0.25	M	1.87			

APPROACH BRIDGE CROSS GIRDER SPLICE C12 JL5															
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area								Remarks
2	SPL	PL	297* 9	686		0.81	E	0.41	M	0.81					WEB
26		TCB	M 22* 65			0.13	I	0.13							WEB
2	SPL	PL	297* 9	1304		1.55	E	0.77	M	1.55					WEB
48		TCB	M 22* 65			0.24	I	0.24							WEB
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14					FLG
2	SPL	PL	100* 11	297		0.12	E	0.06	M	0.12					FLG
8		TCB	M 22* 75			0.04	I	0.04							FLG
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19					FB-F
8		TCB	M 22* 65			0.04	I	0.04							FB-F
JL5							E	1.41	I	0.45	M	2.81			

APPROACH BRIDGE CROSS GIRDER SPLICE C12 JL6															
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Caluculation of Steel Primer

(Unit: mm, m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
2	SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		WEB	
26		TCB	M 22* 65			0.13	I	0.13				WEB	
2	SPL	PL	297* 9	1252		1.49	E	0.74	M	1.49		WEB	
48		TCB	M 22* 65			0.24	I	0.24				WEB	
1	SPL	PL	270* 9	297		0.16	E	0.08	M	0.16		FLG	
2	SPL	PL	105* 12	297		0.12	E	0.06	M	0.12		FLG	
12		TCB	M 22* 75			0.06	I	0.06				FLG	
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19		FB-F	
8		TCB	M 22* 65			0.04	I	0.04				FB-F	
JL6							E	1.39	I	0.47	M	2.77	

APPROACH BRIDGE CROSS GIRDER SPLICE C12 JL6A													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
2	SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		WEB	
24		TCB	M 22* 65			0.12	I	0.12				WEB	
JL6A							E	0.41	I	0.12	M	0.81	

APPROACH BRIDGE CROSS GIRDER SPLICE C12 HL3HS													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
2	SPL	PL	180* 9	1567		1.13	E	0.56	M	1.13		WEB	
30		TCB	M 22* 65			0.15	I	0.15				WEB	
2	SPL	PL	180* 9	2199		1.58	E	0.79	M	1.58		WEB	
42		TCB	M 22* 65			0.21	I	0.21				WEB	
HL3HS							E	1.35	I	0.36	M	2.71	

APPROACH BRIDGE CROSS GIRDER SPLICE C12 JL7												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
2	SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		WEB
26		TCB	M 22* 65			0.13	I	0.13				WEB
2	SPL	PL	297* 9	1305		1.55	E	0.78	M	1.55		WEB
48		TCB	M 22* 65			0.24	I	0.24				WEB
1	SPL	PL	270* 9	297		0.16	E	0.08	M	0.16		FLG
2	SPL	PL	105* 12	297		0.12	E	0.06	M	0.12		FLG
12		TCB	M 22* 75			0.06	I	0.06				FLG
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19		FB-F
8		TCB	M 22* 65			0.04	I	0.04				FB-F

Caluculation of Steel Primer

(Unit: mm,m²)

JL7					E	1.43	I	0.47	M	2.83		

APPROACH BRIDGE CROSS GIRDER SPLICE C12 JL8													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	SPL	PL	297* 9	556		0.66	E	0.33	M	0.66			BR-W
21		TCB	M 22* 65			0.11	I	0.11					BR-W
2	SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			BR-F
1	SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			BR-F
8		TCB	M 22* 65			0.04	I	0.04					BR-F
JL8					E	0.45	I	0.15	M	0.89			
C12					E	12.42	I	3.87	M	24.70			

Caluculation of Steel Primer

(Unit: mm, m²)

APPROACH BRIDGE CROSS GIRDER SPLICE C13 JL1													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks	
2	SPL	PL	297* 9	556		0.66	E	0.33	M	0.66		BR-W	
21		TCB	M 22* 65			0.11	I	0.11				BR-W	
2	SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		BR-F	
1	SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		BR-F	
8		TCB	M 22* 65			0.04	I	0.04				BR-F	
JL1							E	0.45	I	0.15	M	0.89	

APPROACH BRIDGE CROSS GIRDER SPLICE C13 JL2													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks	
2	SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		WEB	
26		TCB	M 22* 65			0.13	I	0.13				WEB	
2	SPL	PL	297* 9	1305		1.55	E	0.78	M	1.55		WEB	
48		TCB	M 22* 65			0.24	I	0.24				WEB	
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14		FLG	
2	SPL	PL	100* 9	297		0.12	E	0.06	M	0.12		FLG	
8		TCB	M 22* 65			0.04	I	0.04				FLG	
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19		FB-F	
8		TCB	M 22* 65			0.04	I	0.04				FB-F	
JL2							E	1.42	I	0.45	M	2.81	

APPROACH BRIDGE CROSS GIRDER SPLICE C13 HL1HS													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks	
2	SPL	PL	180* 9	953		0.69	E	0.34	M	0.69		WEB	
20		TCB	M 22* 65			0.10	I	0.10				WEB	
HL1HS							E	0.34	I	0.10	M	0.69	

APPROACH BRIDGE CROSS GIRDER SPLICE C13 JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		WEB
26		TCB	M 22* 65			0.13	I	0.13				WEB
2	SPL	PL	297* 9	1305		1.55	E	0.78	M	1.55		WEB
48		TCB	M 22* 65			0.24	I	0.24				WEB
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14		FLG
2	SPL	PL	100* 9	297		0.12	E	0.06	M	0.12		FLG
8		TCB	M 22* 65			0.04	I	0.04				FLG

Caluculation of Steel Primer

(Unit: mm, m²)

4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19								FB-F
8		TCB	M 22* 65			0.04	I	0.04										FB-F
							JL3			E	1.42	I	0.45	M	2.81			

APPROACH BRIDGE CROSS GIRDER SPLICE C13 JL4																		
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area											Remarks
2	SPL	PL	297* 9	686		0.81	E	0.41	M	0.81								WEB
26		TCB	M 22* 65			0.13	I	0.13										WEB
2	SPL	PL	297* 9	1304		1.55	E	0.77	M	1.55								WEB
48		TCB	M 22* 65			0.24	I	0.24										WEB
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14								FLG
2	SPL	PL	100* 11	297		0.12	E	0.06	M	0.12								FLG
8		TCB	M 22* 75			0.04	I	0.04										FLG
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19								FB-F
8		TCB	M 22* 65			0.04	I	0.04										FB-F
							JL4			E	1.41	I	0.45	M	2.81			

APPROACH BRIDGE CROSS GIRDER SPLICE C13 HL2HS																		
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area											Remarks
2	SPL	PL	180* 9	2603		1.87	E	0.94	M	1.87								WEB
50		TCB	M 22* 65			0.25	I	0.25										WEB
							HL2HS			E	0.94	I	0.25	M	1.87			

APPROACH BRIDGE CROSS GIRDER SPLICE C13 JL5																		
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area											Remarks
2	SPL	PL	297* 9	686		0.81	E	0.41	M	0.81								WEB
26		TCB	M 22* 65			0.13	I	0.13										WEB
2	SPL	PL	297* 9	1304		1.55	E	0.77	M	1.55								WEB
48		TCB	M 22* 65			0.24	I	0.24										WEB
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14								FLG
2	SPL	PL	100* 11	297		0.12	E	0.06	M	0.12								FLG
8		TCB	M 22* 75			0.04	I	0.04										FLG
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19								FB-F
8		TCB	M 22* 65			0.04	I	0.04										FB-F
							JL5			E	1.41	I	0.45	M	2.81			

APPROACH BRIDGE CROSS GIRDER SPLICE C13 JL6																		
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Caluculation of Steel Primer

(Unit: mm, m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
2	SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		WEB	
26		TCB	M 22* 65			0.13	I	0.13				WEB	
2	SPL	PL	297* 9	1253		1.49	E	0.74	M	1.49		WEB	
48		TCB	M 22* 65			0.24	I	0.24				WEB	
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14		FLG	
2	SPL	PL	100* 9	297		0.12	E	0.06	M	0.12		FLG	
8		TCB	M 22* 65			0.04	I	0.04				FLG	
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19		FB-F	
8		TCB	M 22* 65			0.04	I	0.04				FB-F	
JL6							E	1.38	I	0.45	M	2.75	

APPROACH BRIDGE CROSS GIRDER SPLICE C13 JL6A													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
2	SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		WEB	
24		TCB	M 22* 65			0.12	I	0.12				WEB	
JL6A							E	0.41	I	0.12	M	0.81	

APPROACH BRIDGE CROSS GIRDER SPLICE C13 HL3HS													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
2	SPL	PL	180* 9	1597		1.15	E	0.57	M	1.15		WEB	
30		TCB	M 22* 65			0.15	I	0.15				WEB	
2	SPL	PL	180* 9	1506		1.08	E	0.54	M	1.08		WEB	
30		TCB	M 22* 65			0.15	I	0.15				WEB	
HL3HS							E	1.11	I	0.30	M	2.23	

APPROACH BRIDGE CROSS GIRDER SPLICE C13 JL7												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
2	SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		WEB
26		TCB	M 22* 65			0.13	I	0.13				WEB
2	SPL	PL	297* 9	1304		1.55	E	0.77	M	1.55		WEB
48		TCB	M 22* 65			0.24	I	0.24				WEB
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14		FLG
2	SPL	PL	100* 9	297		0.12	E	0.06	M	0.12		FLG
8		TCB	M 22* 65			0.04	I	0.04				FLG
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19		FB-F
8		TCB	M 22* 65			0.04	I	0.04				FB-F

Caluculation of Steel Primer

(Unit: mm,m²)

JL7					E	1.41	I	0.45	M	2.81		

APPROACH BRIDGE CROSS GIRDER SPLICE C13 JL8													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	SPL	PL	297* 9	556		0.66	E	0.33	M	0.66			BR-W
21		TCB	M 22* 65			0.11	I	0.11					BR-W
2	SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			BR-F
1	SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			BR-F
8		TCB	M 22* 65			0.04	I	0.04					BR-F
JL8							E	0.45	I	0.15	M	0.89	
C13							E	12.15	I	3.77	M	24.18	

Caluculation of Steel Primer

(Unit: mm, m²)

APPROACH BRIDGE CROSS GIRDER SPLICE C14 JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	SPL	PL	297* 9	556		0.66	E	0.33	M	0.66		BR-W
21		TCB	M 22* 65			0.11	I	0.11				BR-W
2	SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		BR-F
1	SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		BR-F
8		TCB	M 22* 65			0.04	I	0.04				BR-F
JL1							E	0.45	I	0.15	M	0.89

APPROACH BRIDGE CROSS GIRDER SPLICE C14 JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		WEB
26		TCB	M 22* 65			0.13	I	0.13				WEB
2	SPL	PL	297* 9	1305		1.55	E	0.78	M	1.55		WEB
48		TCB	M 22* 65			0.24	I	0.24				WEB
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14		FLG
2	SPL	PL	100* 9	297		0.12	E	0.06	M	0.12		FLG
8		TCB	M 22* 65			0.04	I	0.04				FLG
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19		FB-F
8		TCB	M 22* 65			0.04	I	0.04				FB-F
JL2							E	1.42	I	0.45	M	2.81

APPROACH BRIDGE CROSS GIRDER SPLICE C14 HL1HS												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	SPL	PL	180* 9	953		0.69	E	0.34	M	0.69		WEB
20		TCB	M 22* 65			0.10	I	0.10				WEB
HL1HS							E	0.34	I	0.10	M	0.69

APPROACH BRIDGE CROSS GIRDER SPLICE C14 JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		WEB
26		TCB	M 22* 65			0.13	I	0.13				WEB
2	SPL	PL	297* 9	1305		1.55	E	0.78	M	1.55		WEB
48		TCB	M 22* 65			0.24	I	0.24				WEB
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14		FLG
2	SPL	PL	100* 9	297		0.12	E	0.06	M	0.12		FLG
8		TCB	M 22* 65			0.04	I	0.04				FLG

Caluculation of Steel Primer

(Unit: mm, m²)

4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19							FB-F
8		TCB	M 22* 65			0.04	I	0.04									FB-F
JL3								E	1.42	I	0.45	M	2.81				

APPROACH BRIDGE CROSS GIRDER SPLICE C14 JL4																	
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area										Remarks
2	SPL	PL	297* 9	686		0.81	E	0.41	M	0.81							WEB
26		TCB	M 22* 65			0.13	I	0.13									WEB
2	SPL	PL	297* 9	1304		1.55	E	0.77	M	1.55							WEB
48		TCB	M 22* 65			0.24	I	0.24									WEB
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14							FLG
2	SPL	PL	100* 11	297		0.12	E	0.06	M	0.12							FLG
8		TCB	M 22* 75			0.04	I	0.04									FLG
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19							FB-F
8		TCB	M 22* 65			0.04	I	0.04									FB-F
JL4								E	1.41	I	0.45	M	2.81				

APPROACH BRIDGE CROSS GIRDER SPLICE C14 HL2HS																	
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area										Remarks
2	SPL	PL	180* 9	2603		1.87	E	0.94	M	1.87							WEB
50		TCB	M 22* 65			0.25	I	0.25									WEB
HL2HS								E	0.94	I	0.25	M	1.87				

APPROACH BRIDGE CROSS GIRDER SPLICE C14 JL5																	
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area										Remarks
2	SPL	PL	297* 9	686		0.81	E	0.41	M	0.81							WEB
26		TCB	M 22* 65			0.13	I	0.13									WEB
2	SPL	PL	297* 9	1304		1.55	E	0.77	M	1.55							WEB
48		TCB	M 22* 65			0.24	I	0.24									WEB
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14							FLG
2	SPL	PL	100* 11	297		0.12	E	0.06	M	0.12							FLG
8		TCB	M 22* 75			0.04	I	0.04									FLG
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19							FB-F
8		TCB	M 22* 65			0.04	I	0.04									FB-F
JL5								E	1.41	I	0.45	M	2.81				

APPROACH BRIDGE CROSS GIRDER SPLICE C14 JL6																	
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Caluculation of Steel Primer

(Unit: mm, m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
2	SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		WEB	
26		TCB	M 22* 65			0.13	I	0.13				WEB	
2	SPL	PL	297* 9	1258		1.49	E	0.75	M	1.49		WEB	
48		TCB	M 22* 65			0.24	I	0.24				WEB	
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14		FLG	
2	SPL	PL	100* 9	297		0.12	E	0.06	M	0.12		FLG	
8		TCB	M 22* 65			0.04	I	0.04				FLG	
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19		FB-F	
8		TCB	M 22* 65			0.04	I	0.04				FB-F	
JL6							E	1.39	I	0.45	M	2.75	

APPROACH BRIDGE CROSS GIRDER SPLICE C14 HL3HS													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
2	SPL	PL	180* 9	2713		1.95	E	0.98	M	1.95		WEB	
52		TCB	M 22* 65			0.26	I	0.26				WEB	
HL3HS							E	0.98	I	0.26	M	1.95	

APPROACH BRIDGE CROSS GIRDER SPLICE C14 JL7													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
2	SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		WEB	
26		TCB	M 22* 65			0.13	I	0.13				WEB	
2	SPL	PL	297* 9	1304		1.55	E	0.77	M	1.55		WEB	
48		TCB	M 22* 65			0.24	I	0.24				WEB	
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14		FLG	
2	SPL	PL	100* 9	297		0.12	E	0.06	M	0.12		FLG	
8		TCB	M 22* 65			0.04	I	0.04				FLG	
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19		FB-F	
8		TCB	M 22* 65			0.04	I	0.04				FB-F	
JL7							E	1.41	I	0.45	M	2.81	

APPROACH BRIDGE CROSS GIRDER SPLICE C14 JL8												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
2	SPL	PL	297* 9	556		0.66	E	0.33	M	0.66		BR-W
21		TCB	M 22* 65			0.11	I	0.11				BR-W
2	SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		BR-F
1	SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		BR-F

Caluculation of Steel Primer

(Unit: mm,m²)

8	TCB	M 22* 65			0.04	I	0.04						BR-F
			JL8			E	0.45	I	0.15	M	0.89		
			C14			E	11.62	I	3.61	M	23.09		

Caluculation of Steel Primer

(Unit: mm, m²)

APPROACH BRIDGE CROSS GIRDER SPLICE C15 JL1													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks	
2	SPL	PL	297* 9	556		0.66	E	0.33	M	0.66		BR-W	
21		TCB	M 22* 65			0.11	I	0.11				BR-W	
2	SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		BR-F	
1	SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		BR-F	
8		TCB	M 22* 65			0.04	I	0.04				BR-F	
JL1							E	0.45	I	0.15	M	0.89	

APPROACH BRIDGE CROSS GIRDER SPLICE C15 JL2													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks	
2	SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		WEB	
26		TCB	M 22* 65			0.13	I	0.13				WEB	
2	SPL	PL	297* 9	1305		1.55	E	0.78	M	1.55		WEB	
48		TCB	M 22* 65			0.24	I	0.24				WEB	
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14		FLG	
2	SPL	PL	100* 9	297		0.12	E	0.06	M	0.12		FLG	
8		TCB	M 22* 65			0.04	I	0.04				FLG	
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19		FB-F	
8		TCB	M 22* 65			0.04	I	0.04				FB-F	
JL2							E	1.42	I	0.45	M	2.81	

APPROACH BRIDGE CROSS GIRDER SPLICE C15 HL1HS													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks	
2	SPL	PL	180* 9	953		0.69	E	0.34	M	0.69		WEB	
20		TCB	M 22* 65			0.10	I	0.10				WEB	
HL1HS							E	0.34	I	0.10	M	0.69	

APPROACH BRIDGE CROSS GIRDER SPLICE C15 JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		WEB
26		TCB	M 22* 65			0.13	I	0.13				WEB
2	SPL	PL	297* 9	1305		1.55	E	0.78	M	1.55		WEB
48		TCB	M 22* 65			0.24	I	0.24				WEB
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14		FLG
2	SPL	PL	100* 9	297		0.12	E	0.06	M	0.12		FLG
8		TCB	M 22* 65			0.04	I	0.04				FLG

Caluculation of Steel Primer

(Unit: mm, m²)

4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19										FB-F				
8		TCB	M 22* 65			0.04	I	0.04												FB-F				
JL3														E	1.42	I	0.45	M	2.81					

APPROACH BRIDGE CROSS GIRDER SPLICE C15 JL4																								
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area										Remarks							
2	SPL	PL	297* 9	686		0.81	E	0.41	M	0.81										WEB				
26		TCB	M 22* 65			0.13	I	0.13												WEB				
2	SPL	PL	297* 9	1304		1.55	E	0.77	M	1.55										WEB				
48		TCB	M 22* 65			0.24	I	0.24												WEB				
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14										FLG				
2	SPL	PL	100* 11	297		0.12	E	0.06	M	0.12										FLG				
8		TCB	M 22* 75			0.04	I	0.04												FLG				
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19										FB-F				
8		TCB	M 22* 65			0.04	I	0.04												FB-F				
JL4														E	1.41	I	0.45	M	2.81					

APPROACH BRIDGE CROSS GIRDER SPLICE C15 HL2HS																								
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area										Remarks							
2	SPL	PL	180* 9	2603		1.87	E	0.94	M	1.87										WEB				
50		TCB	M 22* 65			0.25	I	0.25												WEB				
HL2HS														E	0.94	I	0.25	M	1.87					

APPROACH BRIDGE CROSS GIRDER SPLICE C15 JL5																								
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area										Remarks							
2	SPL	PL	297* 9	686		0.81	E	0.41	M	0.81										WEB				
26		TCB	M 22* 65			0.13	I	0.13												WEB				
2	SPL	PL	297* 9	1304		1.55	E	0.77	M	1.55										WEB				
48		TCB	M 22* 65			0.24	I	0.24												WEB				
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14										FLG				
2	SPL	PL	100* 11	297		0.12	E	0.06	M	0.12										FLG				
8		TCB	M 22* 75			0.04	I	0.04												FLG				
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19										FB-F				
8		TCB	M 22* 65			0.04	I	0.04												FB-F				
JL5														E	1.41	I	0.45	M	2.81					

APPROACH BRIDGE CROSS GIRDER SPLICE C15 JL6																				
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Caluculation of Steel Primer

(Unit: mm, m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
2	SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		WEB	
26		TCB	M 22* 65			0.13	I	0.13				WEB	
2	SPL	PL	297* 9	1258		1.49	E	0.75	M	1.49		WEB	
48		TCB	M 22* 65			0.24	I	0.24				WEB	
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14		FLG	
2	SPL	PL	100* 9	297		0.12	E	0.06	M	0.12		FLG	
8		TCB	M 22* 65			0.04	I	0.04				FLG	
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19		FB-F	
8		TCB	M 22* 65			0.04	I	0.04				FB-F	
JL6							E	1.39	I	0.45	M	2.75	

APPROACH BRIDGE CROSS GIRDER SPLICE C15 HL3HS													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
2	SPL	PL	180* 9	1387		1.00	E	0.50	M	1.00		WEB	
28		TCB	M 22* 65			0.14	I	0.14				WEB	
HL3HS							E	0.50	I	0.14	M	1.00	

APPROACH BRIDGE CROSS GIRDER SPLICE C15 JL7													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
2	SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		WEB	
26		TCB	M 22* 65			0.13	I	0.13				WEB	
2	SPL	PL	297* 9	1304		1.55	E	0.77	M	1.55		WEB	
48		TCB	M 22* 65			0.24	I	0.24				WEB	
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14		FLG	
2	SPL	PL	100* 9	297		0.12	E	0.06	M	0.12		FLG	
8		TCB	M 22* 65			0.04	I	0.04				FLG	
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19		FB-F	
8		TCB	M 22* 65			0.04	I	0.04				FB-F	
JL7							E	1.41	I	0.45	M	2.81	

APPROACH BRIDGE CROSS GIRDER SPLICE C15 JL8												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
2	SPL	PL	297* 9	556		0.66	E	0.33	M	0.66		BR-W
21		TCB	M 22* 65			0.11	I	0.11				BR-W
2	SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		BR-F
1	SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		BR-F

Caluculation of Steel Primer

(Unit: mm,m²)

8	TCB	M 22* 65			0.04	I	0.04						BR-F
		JL8				E	0.45	I	0.15	M	0.89		
		C15				E	11.14	I	3.49	M	22.14		

Caluculation of Steel Primer

(Unit: mm, m²)

APPROACH BRIDGE CROSS GIRDER SPLICE C16 JL1													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	SPL	PL	297* 9	556		0.66	E	0.33	M	0.66			BR-W
21		TCB	M 22* 65			0.11	I	0.11					BR-W
2	SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			BR-F
1	SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			BR-F
8		TCB	M 22* 65			0.04	I	0.04					BR-F
JL1							E	0.45	I	0.15	M	0.89	

APPROACH BRIDGE CROSS GIRDER SPLICE C16 JL2													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			WEB
26		TCB	M 22* 65			0.13	I	0.13					WEB
2	SPL	PL	297* 9	1305		1.55	E	0.78	M	1.55			WEB
48		TCB	M 22* 65			0.24	I	0.24					WEB
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14			FLG
2	SPL	PL	100* 9	297		0.12	E	0.06	M	0.12			FLG
8		TCB	M 22* 65			0.04	I	0.04					FLG
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19			FB-F
8		TCB	M 22* 65			0.04	I	0.04					FB-F
JL2							E	1.42	I	0.45	M	2.81	

APPROACH BRIDGE CROSS GIRDER SPLICE C16 HL1HS													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	SPL	PL	180* 9	953		0.69	E	0.34	M	0.69			WEB
20		TCB	M 22* 65			0.10	I	0.10					WEB
HL1HS							E	0.34	I	0.10	M	0.69	

APPROACH BRIDGE CROSS GIRDER SPLICE C16 JL3													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			WEB
26		TCB	M 22* 65			0.13	I	0.13					WEB
2	SPL	PL	297* 9	1305		1.55	E	0.78	M	1.55			WEB
48		TCB	M 22* 65			0.24	I	0.24					WEB
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14			FLG
2	SPL	PL	100* 9	297		0.12	E	0.06	M	0.12			FLG
8		TCB	M 22* 65			0.04	I	0.04					FLG

Caluculation of Steel Primer

(Unit: mm,m²)

4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19					FB-F
8		TCB	M 22* 65			0.04	I	0.04							FB-F
JL3							E	1.42	I	0.45	M	2.81			

APPROACH BRIDGE CROSS GIRDER SPLICE C16 JL4															
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area								Remarks
2	SPL	PL	297* 9	686		0.81	E	0.41	M	0.81					WEB
26		TCB	M 22* 65			0.13	I	0.13							WEB
2	SPL	PL	297* 9	1304		1.55	E	0.77	M	1.55					WEB
48		TCB	M 22* 65			0.24	I	0.24							WEB
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14					FLG
2	SPL	PL	100* 11	297		0.12	E	0.06	M	0.12					FLG
8		TCB	M 22* 75			0.04	I	0.04							FLG
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19					FB-F
8		TCB	M 22* 65			0.04	I	0.04							FB-F
JL4							E	1.41	I	0.45	M	2.81			

APPROACH BRIDGE CROSS GIRDER SPLICE C16 HL2HS															
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area								Remarks
2	SPL	PL	180* 9	2603		1.87	E	0.94	M	1.87					WEB
50		TCB	M 22* 65			0.25	I	0.25							WEB
HL2HS							E	0.94	I	0.25	M	1.87			

APPROACH BRIDGE CROSS GIRDER SPLICE C16 JL5															
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area								Remarks
2	SPL	PL	297* 9	686		0.81	E	0.41	M	0.81					WEB
26		TCB	M 22* 65			0.13	I	0.13							WEB
2	SPL	PL	297* 9	1304		1.55	E	0.77	M	1.55					WEB
48		TCB	M 22* 65			0.24	I	0.24							WEB
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14					FLG
2	SPL	PL	100* 11	297		0.12	E	0.06	M	0.12					FLG
8		TCB	M 22* 75			0.04	I	0.04							FLG
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19					FB-F
8		TCB	M 22* 65			0.04	I	0.04							FB-F
JL5							E	1.41	I	0.45	M	2.81			

APPROACH BRIDGE CROSS GIRDER SPLICE C16 JL6															
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Caluculation of Steel Primer

(Unit: mm, m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
2	SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		WEB	
26		TCB	M 22* 65			0.13	I	0.13				WEB	
2	SPL	PL	297* 9	1305		1.55	E	0.78	M	1.55		WEB	
48		TCB	M 22* 65			0.24	I	0.24				WEB	
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14		FLG	
2	SPL	PL	100* 9	297		0.12	E	0.06	M	0.12		FLG	
8		TCB	M 22* 65			0.04	I	0.04				FLG	
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19		FB-F	
8		TCB	M 22* 65			0.04	I	0.04				FB-F	
JL6							E	1.42	I	0.45	M	2.81	

APPROACH BRIDGE CROSS GIRDER SPLICE C16 HL3HS													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
2	SPL	PL	180* 9	953		0.69	E	0.34	M	0.69		WEB	
20		TCB	M 22* 65			0.10	I	0.10				WEB	
HL3HS							E	0.34	I	0.10	M	0.69	

APPROACH BRIDGE CROSS GIRDER SPLICE C16 JL7													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
2	SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		WEB	
26		TCB	M 22* 65			0.13	I	0.13				WEB	
2	SPL	PL	297* 9	1305		1.55	E	0.78	M	1.55		WEB	
48		TCB	M 22* 65			0.24	I	0.24				WEB	
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14		FLG	
2	SPL	PL	100* 9	297		0.12	E	0.06	M	0.12		FLG	
8		TCB	M 22* 65			0.04	I	0.04				FLG	
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19		FB-F	
8		TCB	M 22* 65			0.04	I	0.04				FB-F	
JL7							E	1.42	I	0.45	M	2.81	

APPROACH BRIDGE CROSS GIRDER SPLICE C16 JL8												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
2	SPL	PL	297* 9	556		0.66	E	0.33	M	0.66		BR-W
21		TCB	M 22* 65			0.11	I	0.11				BR-W
2	SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		BR-F
1	SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		BR-F

Caluculation of Steel Primer

(Unit: mm,m²)

8	TCB	M 22* 65			0.04	I	0.04						BR-F
			JL8			E	0.45	I	0.15	M	0.89		
			C16			E	11.02	I	3.45	M	21.89		

Caluculation of Steel Primer

(Unit: mm, m²)

APPROACH BRIDGE CROSS GIRDER SPLICE C17 JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	SPL	PL	297* 9	556		0.66	E	0.33	M	0.66		BR-W
21		TCB	M 22* 65			0.11	I	0.11				BR-W
2	SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		BR-F
1	SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		BR-F
8		TCB	M 22* 65			0.04	I	0.04				BR-F
JL1							E	0.45	I	0.15	M	0.89

APPROACH BRIDGE CROSS GIRDER SPLICE C17 JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		WEB
26		TCB	M 22* 65			0.13	I	0.13				WEB
2	SPL	PL	297* 9	1305		1.55	E	0.78	M	1.55		WEB
48		TCB	M 22* 65			0.24	I	0.24				WEB
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14		FLG
2	SPL	PL	100* 9	297		0.12	E	0.06	M	0.12		FLG
8		TCB	M 22* 65			0.04	I	0.04				FLG
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19		FB-F
8		TCB	M 22* 65			0.04	I	0.04				FB-F
JL2							E	1.42	I	0.45	M	2.81

APPROACH BRIDGE CROSS GIRDER SPLICE C17 HL1HS												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	SPL	PL	180* 9	953		0.69	E	0.34	M	0.69		WEB
20		TCB	M 22* 65			0.10	I	0.10				WEB
HL1HS							E	0.34	I	0.10	M	0.69

APPROACH BRIDGE CROSS GIRDER SPLICE C17 JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		WEB
26		TCB	M 22* 65			0.13	I	0.13				WEB
2	SPL	PL	297* 9	1305		1.55	E	0.78	M	1.55		WEB
48		TCB	M 22* 65			0.24	I	0.24				WEB
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14		FLG
2	SPL	PL	100* 9	297		0.12	E	0.06	M	0.12		FLG
8		TCB	M 22* 65			0.04	I	0.04				FLG

Caluculation of Steel Primer

(Unit: mm, m²)

4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19					FB-F
8		TCB	M 22* 65			0.04	I	0.04							FB-F
JL3							E	1.42	I	0.45	M	2.81			

APPROACH BRIDGE CROSS GIRDER SPLICE C17 JL4															
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks	
2	SPL	PL	297* 9	686		0.81	E	0.41	M	0.81					WEB
26		TCB	M 22* 65			0.13	I	0.13							WEB
2	SPL	PL	297* 9	1304		1.55	E	0.77	M	1.55					WEB
48		TCB	M 22* 65			0.24	I	0.24							WEB
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14					FLG
2	SPL	PL	100* 11	297		0.12	E	0.06	M	0.12					FLG
8		TCB	M 22* 75			0.04	I	0.04							FLG
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19					FB-F
8		TCB	M 22* 65			0.04	I	0.04							FB-F
JL4							E	1.41	I	0.45	M	2.81			

APPROACH BRIDGE CROSS GIRDER SPLICE C17 HL2HS															
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks	
2	SPL	PL	180* 9	2603		1.87	E	0.94	M	1.87					WEB
50		TCB	M 22* 65			0.25	I	0.25							WEB
HL2HS							E	0.94	I	0.25	M	1.87			

APPROACH BRIDGE CROSS GIRDER SPLICE C17 JL5															
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks	
2	SPL	PL	297* 9	686		0.81	E	0.41	M	0.81					WEB
26		TCB	M 22* 65			0.13	I	0.13							WEB
2	SPL	PL	297* 9	1304		1.55	E	0.77	M	1.55					WEB
48		TCB	M 22* 65			0.24	I	0.24							WEB
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14					FLG
2	SPL	PL	100* 11	297		0.12	E	0.06	M	0.12					FLG
8		TCB	M 22* 75			0.04	I	0.04							FLG
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19					FB-F
8		TCB	M 22* 65			0.04	I	0.04							FB-F
JL5							E	1.41	I	0.45	M	2.81			

APPROACH BRIDGE CROSS GIRDER SPLICE C17 JL6															
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Caluculation of Steel Primer

(Unit: mm, m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
2	SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		WEB	
26		TCB	M 22* 65			0.13	I	0.13				WEB	
2	SPL	PL	297* 9	1305		1.55	E	0.78	M	1.55		WEB	
48		TCB	M 22* 65			0.24	I	0.24				WEB	
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14		FLG	
2	SPL	PL	100* 9	297		0.12	E	0.06	M	0.12		FLG	
8		TCB	M 22* 65			0.04	I	0.04				FLG	
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19		FB-F	
8		TCB	M 22* 65			0.04	I	0.04				FB-F	
JL6							E	1.42	I	0.45	M	2.81	

APPROACH BRIDGE CROSS GIRDER SPLICE C17 HL3HS													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
2	SPL	PL	180* 9	953		0.69	E	0.34	M	0.69		WEB	
20		TCB	M 22* 65			0.10	I	0.10				WEB	
HL3HS							E	0.34	I	0.10	M	0.69	

APPROACH BRIDGE CROSS GIRDER SPLICE C17 JL7													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
2	SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		WEB	
26		TCB	M 22* 65			0.13	I	0.13				WEB	
2	SPL	PL	297* 9	1305		1.55	E	0.78	M	1.55		WEB	
48		TCB	M 22* 65			0.24	I	0.24				WEB	
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14		FLG	
2	SPL	PL	100* 9	297		0.12	E	0.06	M	0.12		FLG	
8		TCB	M 22* 65			0.04	I	0.04				FLG	
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19		FB-F	
8		TCB	M 22* 65			0.04	I	0.04				FB-F	
JL7							E	1.42	I	0.45	M	2.81	

APPROACH BRIDGE CROSS GIRDER SPLICE C17 JL8												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
2	SPL	PL	297* 9	556		0.66	E	0.33	M	0.66		BR-W
21		TCB	M 22* 65			0.11	I	0.11				BR-W
2	SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		BR-F
1	SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		BR-F

Caluculation of Steel Primer

(Unit: mm,m²)

8	TCB	M 22* 65			0.04	I	0.04						BR-F
			JL8			E	0.45	I	0.15	M	0.89		
			C17			E	11.02	I	3.45	M	21.89		

Caluculation of Steel Primer

(Unit: mm, m²)

APPROACH BRIDGE CROSS GIRDER SPLICE C18 JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	SPL	PL	297* 9	556		0.66	E	0.33	M	0.66		BR-W
21		TCB	M 22* 65			0.11	I	0.11				BR-W
2	SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		BR-F
1	SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		BR-F
8		TCB	M 22* 65			0.04	I	0.04				BR-F
JL1							E	0.45	I	0.15	M	0.89

APPROACH BRIDGE CROSS GIRDER SPLICE C18 JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		WEB
26		TCB	M 22* 65			0.13	I	0.13				WEB
2	SPL	PL	297* 9	1305		1.55	E	0.78	M	1.55		WEB
48		TCB	M 22* 65			0.24	I	0.24				WEB
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14		FLG
2	SPL	PL	100* 9	297		0.12	E	0.06	M	0.12		FLG
8		TCB	M 22* 65			0.04	I	0.04				FLG
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19		FB-F
8		TCB	M 22* 65			0.04	I	0.04				FB-F
JL2							E	1.42	I	0.45	M	2.81

APPROACH BRIDGE CROSS GIRDER SPLICE C18 HL1HS												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	SPL	PL	180* 9	953		0.69	E	0.34	M	0.69		WEB
20		TCB	M 22* 65			0.10	I	0.10				WEB
HL1HS							E	0.34	I	0.10	M	0.69

APPROACH BRIDGE CROSS GIRDER SPLICE C18 JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		WEB
26		TCB	M 22* 65			0.13	I	0.13				WEB
2	SPL	PL	297* 9	1305		1.55	E	0.78	M	1.55		WEB
48		TCB	M 22* 65			0.24	I	0.24				WEB
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14		FLG
2	SPL	PL	100* 9	297		0.12	E	0.06	M	0.12		FLG
8		TCB	M 22* 65			0.04	I	0.04				FLG

Caluculation of Steel Primer

(Unit: mm, m²)

4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19							FB-F
8		TCB	M 22* 65			0.04	I	0.04									FB-F
JL3							E	1.42	I	0.45	M	2.81					

APPROACH BRIDGE CROSS GIRDER SPLICE C18 JL4																	
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area										Remarks
2	SPL	PL	297* 9	686		0.81	E	0.41	M	0.81							WEB
26		TCB	M 22* 65			0.13	I	0.13									WEB
2	SPL	PL	297* 9	1304		1.55	E	0.77	M	1.55							WEB
48		TCB	M 22* 65			0.24	I	0.24									WEB
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14							FLG
2	SPL	PL	100* 11	297		0.12	E	0.06	M	0.12							FLG
8		TCB	M 22* 75			0.04	I	0.04									FLG
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19							FB-F
8		TCB	M 22* 65			0.04	I	0.04									FB-F
JL4							E	1.41	I	0.45	M	2.81					

APPROACH BRIDGE CROSS GIRDER SPLICE C18 HL2HS																	
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area										Remarks
2	SPL	PL	180* 9	2603		1.87	E	0.94	M	1.87							WEB
50		TCB	M 22* 65			0.25	I	0.25									WEB
HL2HS							E	0.94	I	0.25	M	1.87					

APPROACH BRIDGE CROSS GIRDER SPLICE C18 JL5																	
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area										Remarks
2	SPL	PL	297* 9	686		0.81	E	0.41	M	0.81							WEB
26		TCB	M 22* 65			0.13	I	0.13									WEB
2	SPL	PL	297* 9	1304		1.55	E	0.77	M	1.55							WEB
48		TCB	M 22* 65			0.24	I	0.24									WEB
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14							FLG
2	SPL	PL	100* 11	297		0.12	E	0.06	M	0.12							FLG
8		TCB	M 22* 75			0.04	I	0.04									FLG
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19							FB-F
8		TCB	M 22* 65			0.04	I	0.04									FB-F
JL5							E	1.41	I	0.45	M	2.81					

APPROACH BRIDGE CROSS GIRDER SPLICE C18 JL6																	
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Caluculation of Steel Primer

(Unit: mm, m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
2	SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		WEB	
26		TCB	M 22* 65			0.13	I	0.13				WEB	
2	SPL	PL	297* 9	1305		1.55	E	0.78	M	1.55		WEB	
48		TCB	M 22* 65			0.24	I	0.24				WEB	
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14		FLG	
2	SPL	PL	100* 9	297		0.12	E	0.06	M	0.12		FLG	
8		TCB	M 22* 65			0.04	I	0.04				FLG	
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19		FB-F	
8		TCB	M 22* 65			0.04	I	0.04				FB-F	
JL6							E	1.42	I	0.45	M	2.81	

APPROACH BRIDGE CROSS GIRDER SPLICE C18 HL3HS													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
2	SPL	PL	180* 9	953		0.69	E	0.34	M	0.69		WEB	
20		TCB	M 22* 65			0.10	I	0.10				WEB	
HL3HS							E	0.34	I	0.10	M	0.69	

APPROACH BRIDGE CROSS GIRDER SPLICE C18 JL7													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
2	SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		WEB	
26		TCB	M 22* 65			0.13	I	0.13				WEB	
2	SPL	PL	297* 9	1305		1.55	E	0.78	M	1.55		WEB	
48		TCB	M 22* 65			0.24	I	0.24				WEB	
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14		FLG	
2	SPL	PL	100* 9	297		0.12	E	0.06	M	0.12		FLG	
8		TCB	M 22* 65			0.04	I	0.04				FLG	
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19		FB-F	
8		TCB	M 22* 65			0.04	I	0.04				FB-F	
JL7							E	1.42	I	0.45	M	2.81	

APPROACH BRIDGE CROSS GIRDER SPLICE C18 JL8												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
2	SPL	PL	297* 9	556		0.66	E	0.33	M	0.66		BR-W
21		TCB	M 22* 65			0.11	I	0.11				BR-W
2	SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		BR-F
1	SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		BR-F

Caluculation of Steel Primer

(Unit: mm,m²)

8	TCB	M 22* 65			0.04	I	0.04						BR-F
			JL8			E	0.45	I	0.15	M	0.89		
			C18			E	11.02	I	3.45	M	21.89		

Caluculation of Steel Primer

(Unit: mm, m²)

APPROACH BRIDGE CROSS GIRDER SPLICE C19 JL1													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks	
2	SPL	PL	297* 9	556		0.66	E	0.33	M	0.66		BR-W	
21		TCB	M 22* 65			0.11	I	0.11				BR-W	
2	SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		BR-F	
1	SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		BR-F	
8		TCB	M 22* 65			0.04	I	0.04				BR-F	
JL1							E	0.45	I	0.15	M	0.89	

APPROACH BRIDGE CROSS GIRDER SPLICE C19 JL2													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks	
2	SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		WEB	
26		TCB	M 22* 65			0.13	I	0.13				WEB	
2	SPL	PL	297* 9	1305		1.55	E	0.78	M	1.55		WEB	
48		TCB	M 22* 65			0.24	I	0.24				WEB	
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14		FLG	
2	SPL	PL	100* 9	297		0.12	E	0.06	M	0.12		FLG	
8		TCB	M 22* 65			0.04	I	0.04				FLG	
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19		FB-F	
8		TCB	M 22* 65			0.04	I	0.04				FB-F	
JL2							E	1.42	I	0.45	M	2.81	

APPROACH BRIDGE CROSS GIRDER SPLICE C19 HL1HS													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks	
2	SPL	PL	180* 9	953		0.69	E	0.34	M	0.69		WEB	
20		TCB	M 22* 65			0.10	I	0.10				WEB	
HL1HS							E	0.34	I	0.10	M	0.69	

APPROACH BRIDGE CROSS GIRDER SPLICE C19 JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		WEB
26		TCB	M 22* 65			0.13	I	0.13				WEB
2	SPL	PL	297* 9	1305		1.55	E	0.78	M	1.55		WEB
48		TCB	M 22* 65			0.24	I	0.24				WEB
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14		FLG
2	SPL	PL	100* 9	297		0.12	E	0.06	M	0.12		FLG
8		TCB	M 22* 65			0.04	I	0.04				FLG

Caluculation of Steel Primer

(Unit: mm, m²)

4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19				FB-F
8		TCB	M 22* 65			0.04	I	0.04						FB-F
				JL3			E	1.42	I	0.45	M	2.81		

APPROACH BRIDGE CROSS GIRDER SPLICE C19 JL4														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
2	SPL	PL	297* 9	686		0.81	E	0.41	M	0.81				WEB
26		TCB	M 22* 65			0.13	I	0.13						WEB
2	SPL	PL	297* 9	1304		1.55	E	0.77	M	1.55				WEB
48		TCB	M 22* 65			0.24	I	0.24						WEB
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14				FLG
2	SPL	PL	100* 11	297		0.12	E	0.06	M	0.12				FLG
8		TCB	M 22* 75			0.04	I	0.04						FLG
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19				FB-F
8		TCB	M 22* 65			0.04	I	0.04						FB-F
				JL4			E	1.41	I	0.45	M	2.81		

APPROACH BRIDGE CROSS GIRDER SPLICE C19 HL2HS														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
2	SPL	PL	180* 9	2603		1.87	E	0.94	M	1.87				WEB
50		TCB	M 22* 65			0.25	I	0.25						WEB
				HL2HS			E	0.94	I	0.25	M	1.87		

APPROACH BRIDGE CROSS GIRDER SPLICE C19 JL5														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
2	SPL	PL	297* 9	686		0.81	E	0.41	M	0.81				WEB
26		TCB	M 22* 65			0.13	I	0.13						WEB
2	SPL	PL	297* 9	1304		1.55	E	0.77	M	1.55				WEB
48		TCB	M 22* 65			0.24	I	0.24						WEB
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14				FLG
2	SPL	PL	100* 11	297		0.12	E	0.06	M	0.12				FLG
8		TCB	M 22* 75			0.04	I	0.04						FLG
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19				FB-F
8		TCB	M 22* 65			0.04	I	0.04						FB-F
				JL5			E	1.41	I	0.45	M	2.81		

APPROACH BRIDGE CROSS GIRDER SPLICE C19 JL6														
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Caluculation of Steel Primer

(Unit: mm, m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
2	SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			WEB	
26		TCB	M 22* 65			0.13	I	0.13					WEB	
2	SPL	PL	297* 9	1260		1.50	E	0.75	M	1.50			WEB	
48		TCB	M 22* 65			0.24	I	0.24					WEB	
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14			FLG	
2	SPL	PL	100* 9	297		0.12	E	0.06	M	0.12			FLG	
8		TCB	M 22* 65			0.04	I	0.04					FLG	
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19			FB-F	
8		TCB	M 22* 65			0.04	I	0.04					FB-F	
JL6							E	1.39	I	0.45	M	2.76		

APPROACH BRIDGE CROSS GIRDER SPLICE C19 HL3HS														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
2	SPL	PL	180* 9	957		0.69	E	0.34	M	0.69			WEB	
20		TCB	M 22* 65			0.10	I	0.10					WEB	
HL3HS							E	0.34	I	0.10	M	0.69		

APPROACH BRIDGE CROSS GIRDER SPLICE C19 JL7														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
2	SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			WEB	
26		TCB	M 22* 65			0.13	I	0.13					WEB	
2	SPL	PL	297* 9	1305		1.55	E	0.78	M	1.55			WEB	
48		TCB	M 22* 65			0.24	I	0.24					WEB	
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14			FLG	
2	SPL	PL	100* 9	297		0.12	E	0.06	M	0.12			FLG	
8		TCB	M 22* 65			0.04	I	0.04					FLG	
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19			FB-F	
8		TCB	M 22* 65			0.04	I	0.04					FB-F	
JL7							E	1.42	I	0.45	M	2.81		

APPROACH BRIDGE CROSS GIRDER SPLICE C19 JL8													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
2	SPL	PL	297* 9	556		0.66	E	0.33	M	0.66			BR-W
21		TCB	M 22* 65			0.11	I	0.11					BR-W
2	SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			BR-F
1	SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			BR-F

Caluculation of Steel Primer

(Unit: mm,m²)

8	TCB	M 22* 65			0.04	I	0.04						BR-F
			JL8			E	0.45	I	0.15	M	0.89		
			C19			E	10.99	I	3.45	M	21.84		

Caluculation of Steel Primer

(Unit: mm, m²)

APPROACH BRIDGE CROSS GIRDER SPLICE C20 JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	SPL	PL	297* 9	556		0.66	E	0.33	M	0.66		BR-W
21		TCB	M 22* 65			0.11	I	0.11				BR-W
2	SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		BR-F
1	SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		BR-F
8		TCB	M 22* 65			0.04	I	0.04				BR-F
JL1							E	0.45	I	0.15	M	0.89

APPROACH BRIDGE CROSS GIRDER SPLICE C20 JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		WEB
26		TCB	M 22* 65			0.13	I	0.13				WEB
2	SPL	PL	297* 9	1305		1.55	E	0.78	M	1.55		WEB
48		TCB	M 22* 65			0.24	I	0.24				WEB
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14		FLG
2	SPL	PL	100* 9	297		0.12	E	0.06	M	0.12		FLG
8		TCB	M 22* 65			0.04	I	0.04				FLG
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19		FB-F
8		TCB	M 22* 65			0.04	I	0.04				FB-F
JL2							E	1.42	I	0.45	M	2.81

APPROACH BRIDGE CROSS GIRDER SPLICE C20 HL1HS												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	SPL	PL	180* 9	953		0.69	E	0.34	M	0.69		WEB
20		TCB	M 22* 65			0.10	I	0.10				WEB
HL1HS							E	0.34	I	0.10	M	0.69

APPROACH BRIDGE CROSS GIRDER SPLICE C20 JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		WEB
26		TCB	M 22* 65			0.13	I	0.13				WEB
2	SPL	PL	297* 9	1305		1.55	E	0.78	M	1.55		WEB
48		TCB	M 22* 65			0.24	I	0.24				WEB
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14		FLG
2	SPL	PL	100* 9	297		0.12	E	0.06	M	0.12		FLG
8		TCB	M 22* 65			0.04	I	0.04				FLG

Calculation of Steel Primer

(Unit: mm, m²)

4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19					FB-F
8		TCB	M 22* 65			0.04	I	0.04							FB-F
							JL3		E	1.42	I	0.45	M	2.81	

APPROACH BRIDGE CROSS GIRDER SPLICE C20 JL4															
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks	
2	SPL	PL	297* 9	686		0.81	E	0.41	M	0.81					WEB
26		TCB	M 22* 65			0.13	I	0.13							WEB
2	SPL	PL	297* 9	1303		1.55	E	0.77	M	1.55					WEB
48		TCB	M 22* 65			0.24	I	0.24							WEB
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14					FLG
2	SPL	PL	100* 11	297		0.12	E	0.06	M	0.12					FLG
8		TCB	M 22* 75			0.04	I	0.04							FLG
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19					FB-F
8		TCB	M 22* 65			0.04	I	0.04							FB-F
							JL4		E	1.41	I	0.45	M	2.81	

APPROACH BRIDGE CROSS GIRDER SPLICE C20 HL2HS															
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks	
2	SPL	PL	297* 9	2901		3.45	E	1.72	M	3.45					WEB
56		TCB	M 22* 65			0.28	I	0.28							WEB
							HL2HS		E	1.72	I	0.28	M	3.45	

APPROACH BRIDGE CROSS GIRDER SPLICE C20 JL5															
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks	
2	SPL	PL	297* 9	686		0.81	E	0.41	M	0.81					WEB
26		TCB	M 22* 65			0.13	I	0.13							WEB
2	SPL	PL	297* 9	1304		1.55	E	0.77	M	1.55					WEB
48		TCB	M 22* 65			0.24	I	0.24							WEB
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14					FLG
2	SPL	PL	100* 11	297		0.12	E	0.06	M	0.12					FLG
8		TCB	M 22* 75			0.04	I	0.04							FLG
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19					FB-F
8		TCB	M 22* 65			0.04	I	0.04							FB-F
							JL5		E	1.41	I	0.45	M	2.81	

APPROACH BRIDGE CROSS GIRDER SPLICE C20 JL6															
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Caluculation of Steel Primer

(Unit: mm, m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
2	SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		WEB	
26		TCB	M 22* 65			0.13	I	0.13				WEB	
2	SPL	PL	297* 9	1260		1.50	E	0.75	M	1.50		WEB	
48		TCB	M 22* 65			0.24	I	0.24				WEB	
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14		FLG	
2	SPL	PL	100* 9	297		0.12	E	0.06	M	0.12		FLG	
8		TCB	M 22* 65			0.04	I	0.04				FLG	
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19		FB-F	
8		TCB	M 22* 65			0.04	I	0.04				FB-F	
JL6							E	1.39	I	0.45	M	2.76	

APPROACH BRIDGE CROSS GIRDER SPLICE C20 HL3HS													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
2	SPL	PL	180* 9	957		0.69	E	0.34	M	0.69		WEB	
20		TCB	M 22* 65			0.10	I	0.10				WEB	
HL3HS							E	0.34	I	0.10	M	0.69	

APPROACH BRIDGE CROSS GIRDER SPLICE C20 JL7													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
2	SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		WEB	
26		TCB	M 22* 65			0.13	I	0.13				WEB	
2	SPL	PL	297* 9	1305		1.55	E	0.78	M	1.55		WEB	
48		TCB	M 22* 65			0.24	I	0.24				WEB	
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14		FLG	
2	SPL	PL	100* 9	297		0.12	E	0.06	M	0.12		FLG	
8		TCB	M 22* 65			0.04	I	0.04				FLG	
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19		FB-F	
8		TCB	M 22* 65			0.04	I	0.04				FB-F	
JL7							E	1.42	I	0.45	M	2.81	

APPROACH BRIDGE CROSS GIRDER SPLICE C20 JL8												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
2	SPL	PL	297* 9	556		0.66	E	0.33	M	0.66		BR-W
21		TCB	M 22* 65			0.11	I	0.11				BR-W
2	SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		BR-F
1	SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		BR-F

Caluculation of Steel Primer

(Unit: mm,m²)

8	TCB	M 22* 65			0.04	I	0.04						BR-F
		JL8				E	0.45	I	0.15	M	0.89		
		C20				E	11.77	I	3.48	M	23.42		

Caluculation of Steel Primer

(Unit: mm, m²)

APPROACH BRIDGE CROSS GIRDER SPLICE C21 JL1													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks	
2	SPL	PL	297* 9	556		0.66	E	0.33	M	0.66		BR-W	
21		TCB	M 22* 65			0.11	I	0.11				BR-W	
2	SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		BR-F	
1	SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		BR-F	
8		TCB	M 22* 65			0.04	I	0.04				BR-F	
JL1							E	0.45	I	0.15	M	0.89	

APPROACH BRIDGE CROSS GIRDER SPLICE C21 JL2													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks	
2	SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		WEB	
26		TCB	M 22* 65			0.13	I	0.13				WEB	
2	SPL	PL	297* 9	1305		1.55	E	0.78	M	1.55		WEB	
48		TCB	M 22* 65			0.24	I	0.24				WEB	
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14		FLG	
2	SPL	PL	100* 9	297		0.12	E	0.06	M	0.12		FLG	
8		TCB	M 22* 65			0.04	I	0.04				FLG	
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19		FB-F	
8		TCB	M 22* 65			0.04	I	0.04				FB-F	
JL2							E	1.42	I	0.45	M	2.81	

APPROACH BRIDGE CROSS GIRDER SPLICE C21 HL1HS													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks	
2	SPL	PL	180* 9	953		0.69	E	0.34	M	0.69		WEB	
20		TCB	M 22* 65			0.10	I	0.10				WEB	
HL1HS							E	0.34	I	0.10	M	0.69	

APPROACH BRIDGE CROSS GIRDER SPLICE C21 JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		WEB
26		TCB	M 22* 65			0.13	I	0.13				WEB
2	SPL	PL	297* 9	1305		1.55	E	0.78	M	1.55		WEB
48		TCB	M 22* 65			0.24	I	0.24				WEB
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14		FLG
2	SPL	PL	100* 9	297		0.12	E	0.06	M	0.12		FLG
8		TCB	M 22* 65			0.04	I	0.04				FLG

Calculation of Steel Primer

(Unit: mm, m²)

4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19					FB-F
8		TCB	M 22* 65			0.04	I	0.04							FB-F
JL3							E	1.42	I	0.45	M	2.81			

APPROACH BRIDGE CROSS GIRDER SPLICE C21 JL4															
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area								Remarks
2	SPL	PL	297* 9	686		0.81	E	0.41	M	0.81					WEB
26		TCB	M 22* 65			0.13	I	0.13							WEB
2	SPL	PL	297* 9	1304		1.55	E	0.77	M	1.55					WEB
48		TCB	M 22* 65			0.24	I	0.24							WEB
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14					FLG
2	SPL	PL	100* 11	297		0.12	E	0.06	M	0.12					FLG
8		TCB	M 22* 75			0.04	I	0.04							FLG
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19					FB-F
8		TCB	M 22* 65			0.04	I	0.04							FB-F
JL4							E	1.41	I	0.45	M	2.81			

APPROACH BRIDGE CROSS GIRDER SPLICE C21 JL4A															
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area								Remarks
2	SPL	PL	297* 9	686		0.81	E	0.41	M	0.81					WEB
22		TCB	M 22* 65			0.11	I	0.11							WEB
JL4A							E	0.41	I	0.11	M	0.81			

APPROACH BRIDGE CROSS GIRDER SPLICE C21 HL2HS															
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area								Remarks
2	SPL	PL	180* 9	1568		1.13	E	0.56	M	1.13					WEB
30		TCB	M 22* 65			0.15	I	0.15							WEB
2	SPL	PL	180* 9	1476		1.06	E	0.53	M	1.06					WEB
28		TCB	M 22* 65			0.14	I	0.14							WEB
HL2HS							E	1.09	I	0.29	M	2.19			

APPROACH BRIDGE CROSS GIRDER SPLICE C21 JL5															
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area								Remarks
2	SPL	PL	297* 9	686		0.81	E	0.41	M	0.81					WEB
26		TCB	M 22* 65			0.13	I	0.13							WEB
2	SPL	PL	297* 9	1304		1.55	E	0.77	M	1.55					WEB

Caluculation of Steel Primer

(Unit: mm, m²)

48		TCB	M 22* 65			0.24	I	0.24						WEB
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14				FLG
2	SPL	PL	100* 11	297		0.12	E	0.06	M	0.12				FLG
8		TCB	M 22* 75			0.04	I	0.04						FLG
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19				FB-F
8		TCB	M 22* 65			0.04	I	0.04						FB-F
JL5						E	1.41	I	0.45	M	2.81			

APPROACH BRIDGE CROSS GIRDER SPLICE C21 JL6														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
2	SPL	PL	297* 9	686		0.81	E	0.41	M	0.81				WEB
26		TCB	M 22* 65			0.13	I	0.13						WEB
2	SPL	PL	297* 9	1260		1.50	E	0.75	M	1.50				WEB
48		TCB	M 22* 65			0.24	I	0.24						WEB
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14				FLG
2	SPL	PL	100* 9	297		0.12	E	0.06	M	0.12				FLG
8		TCB	M 22* 65			0.04	I	0.04						FLG
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19				FB-F
8		TCB	M 22* 65			0.04	I	0.04						FB-F
JL6						E	1.39	I	0.45	M	2.76			

APPROACH BRIDGE CROSS GIRDER SPLICE C21 HL3HS														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
2	SPL	PL	180* 9	957		0.69	E	0.34	M	0.69				WEB
20		TCB	M 22* 65			0.10	I	0.10						WEB
HL3HS						E	0.34	I	0.10	M	0.69			

APPROACH BRIDGE CROSS GIRDER SPLICE C21 JL7														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
2	SPL	PL	297* 9	685		0.81	E	0.41	M	0.81				WEB
26		TCB	M 22* 65			0.13	I	0.13						WEB
2	SPL	PL	297* 9	1305		1.55	E	0.78	M	1.55				WEB
48		TCB	M 22* 65			0.24	I	0.24						WEB
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14				FLG
2	SPL	PL	100* 9	297		0.12	E	0.06	M	0.12				FLG
8		TCB	M 22* 65			0.04	I	0.04						FLG
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19				FB-F
8		TCB	M 22* 65			0.04	I	0.04						FB-F

Caluculation of Steel Primer

(Unit: mm,m²)

JL7					E	1.42	I	0.45	M	2.81		

APPROACH BRIDGE CROSS GIRDER SPLICE C21 JL8													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	SPL	PL	297* 9	556		0.66	E	0.33	M	0.66			BR-W
21		TCB	M 22* 65			0.11	I	0.11					BR-W
2	SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			BR-F
1	SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			BR-F
8		TCB	M 22* 65			0.04	I	0.04					BR-F
JL8							E	0.45	I	0.15	M	0.89	
C21							E	11.55	I	3.60	M	22.97	

Caluculation of Steel Primer

(Unit: mm, m²)

APPROACH BRIDGE CROSS GIRDER SPLICE C22 JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	SPL	PL	297* 9	556		0.66	E	0.33	M	0.66		BR-W
21		TCB	M 22* 65			0.11	I	0.11				BR-W
2	SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		BR-F
1	SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		BR-F
8		TCB	M 22* 65			0.04	I	0.04				BR-F
JL1							E	0.45	I	0.15	M	0.89

APPROACH BRIDGE CROSS GIRDER SPLICE C22 JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		WEB
26		TCB	M 22* 65			0.13	I	0.13				WEB
2	SPL	PL	297* 9	1305		1.55	E	0.78	M	1.55		WEB
48		TCB	M 22* 65			0.24	I	0.24				WEB
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14		FLG
2	SPL	PL	100* 9	297		0.12	E	0.06	M	0.12		FLG
8		TCB	M 22* 65			0.04	I	0.04				FLG
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19		FB-F
8		TCB	M 22* 65			0.04	I	0.04				FB-F
JL2							E	1.42	I	0.45	M	2.81

APPROACH BRIDGE CROSS GIRDER SPLICE C22 HL1HS												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	SPL	PL	180* 9	953		0.69	E	0.34	M	0.69		WEB
20		TCB	M 22* 65			0.10	I	0.10				WEB
HL1HS							E	0.34	I	0.10	M	0.69

APPROACH BRIDGE CROSS GIRDER SPLICE C22 JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		WEB
26		TCB	M 22* 65			0.13	I	0.13				WEB
2	SPL	PL	297* 9	1305		1.55	E	0.78	M	1.55		WEB
48		TCB	M 22* 65			0.24	I	0.24				WEB
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14		FLG
2	SPL	PL	100* 9	297		0.12	E	0.06	M	0.12		FLG
8		TCB	M 22* 65			0.04	I	0.04				FLG

Caluculation of Steel Primer

(Unit: mm,m²)

4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19										FB-F								
8		TCB	M 22* 65			0.04	I	0.04												FB-F								
JL3																E	1.42	I	0.45	M	2.81							

APPROACH BRIDGE CROSS GIRDER SPLICE C22 JL4																												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area											Remarks										
2	SPL	PL	297* 9	686		0.81	E	0.41	M	0.81										WEB								
26		TCB	M 22* 65			0.13	I	0.13												WEB								
2	SPL	PL	297* 9	1304		1.55	E	0.77	M	1.55										WEB								
48		TCB	M 22* 65			0.24	I	0.24												WEB								
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14										FLG								
2	SPL	PL	100* 11	297		0.12	E	0.06	M	0.12										FLG								
8		TCB	M 22* 75			0.04	I	0.04												FLG								
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19										FB-F								
8		TCB	M 22* 65			0.04	I	0.04												FB-F								
JL4																E	1.41	I	0.45	M	2.81							

APPROACH BRIDGE CROSS GIRDER SPLICE C22 JL4A																												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area											Remarks										
2	SPL	PL	297* 9	686		0.81	E	0.41	M	0.81										WEB								
22		TCB	M 22* 65			0.11	I	0.11												WEB								
JL4A																E	0.41	I	0.11	M	0.81							

APPROACH BRIDGE CROSS GIRDER SPLICE C22 HL2HS																												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area											Remarks										
2	SPL	PL	180* 9	1796		1.29	E	0.65	M	1.29										WEB								
34		TCB	M 22* 65			0.17	I	0.17												WEB								
2	SPL	PL	180* 9	1721		1.24	E	0.62	M	1.24										WEB								
34		TCB	M 22* 65			0.17	I	0.17												WEB								
HL2HS																E	1.27	I	0.34	M	2.53							

APPROACH BRIDGE CROSS GIRDER SPLICE C22 JL5																				
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area											Remarks		
2	SPL	PL	297* 9	686		0.81	E	0.41	M	0.81										WEB
26		TCB	M 22* 65			0.13	I	0.13												WEB
2	SPL	PL	297* 9	1304		1.55	E	0.77	M	1.55										WEB

Caluculation of Steel Primer

(Unit: mm, m²)

48		TCB	M 22* 65			0.24	I	0.24							WEB
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14					FLG
2	SPL	PL	100* 11	297		0.12	E	0.06	M	0.12					FLG
8		TCB	M 22* 75			0.04	I	0.04							FLG
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19					FB-F
8		TCB	M 22* 65			0.04	I	0.04							FB-F
JL5							E	1.41	I	0.45	M	2.81			

APPROACH BRIDGE CROSS GIRDER SPLICE C22 JL6															
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks		
2	SPL	PL	297* 9	686		0.81	E	0.41	M	0.81					WEB
26		TCB	M 22* 65			0.13	I	0.13							WEB
2	SPL	PL	297* 9	1260		1.50	E	0.75	M	1.50					WEB
48		TCB	M 22* 65			0.24	I	0.24							WEB
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14					FLG
2	SPL	PL	100* 9	297		0.12	E	0.06	M	0.12					FLG
8		TCB	M 22* 65			0.04	I	0.04							FLG
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19					FB-F
8		TCB	M 22* 65			0.04	I	0.04							FB-F
JL6							E	1.39	I	0.45	M	2.76			

APPROACH BRIDGE CROSS GIRDER SPLICE C22 HL3HS															
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks		
2	SPL	PL	180* 9	957		0.69	E	0.34	M	0.69					WEB
20		TCB	M 22* 65			0.10	I	0.10							WEB
HL3HS							E	0.34	I	0.10	M	0.69			

APPROACH BRIDGE CROSS GIRDER SPLICE C22 JL7															
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks		
2	SPL	PL	297* 9	685		0.81	E	0.41	M	0.81					WEB
26		TCB	M 22* 65			0.13	I	0.13							WEB
2	SPL	PL	297* 9	1305		1.55	E	0.78	M	1.55					WEB
48		TCB	M 22* 65			0.24	I	0.24							WEB
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14					FLG
2	SPL	PL	100* 9	297		0.12	E	0.06	M	0.12					FLG
8		TCB	M 22* 65			0.04	I	0.04							FLG
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19					FB-F
8		TCB	M 22* 65			0.04	I	0.04							FB-F

Caluculation of Steel Primer

(Unit: mm,m²)

JL7					E	1.42	I	0.45	M	2.81		

APPROACH BRIDGE CROSS GIRDER SPLICE C22 JL8													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	SPL	PL	297* 9	556		0.66	E	0.33	M	0.66			BR-W
21		TCB	M 22* 65			0.11	I	0.11					BR-W
2	SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			BR-F
1	SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			BR-F
8		TCB	M 22* 65			0.04	I	0.04					BR-F
JL8							E	0.45	I	0.15	M	0.89	
C22							E	11.73	I	3.65	M	23.31	

Caluculation of Steel Primer

(Unit: mm, m²)

APPROACH BRIDGE CROSS GIRDER SPLICE C23 JL1													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks	
2	SPL	PL	297* 9	556		0.66	E	0.33	M	0.66		BR-W	
21		TCB	M 22* 65			0.11	I	0.11				BR-W	
2	SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		BR-F	
1	SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		BR-F	
8		TCB	M 22* 65			0.04	I	0.04				BR-F	
JL1							E	0.45	I	0.15	M	0.89	

APPROACH BRIDGE CROSS GIRDER SPLICE C23 JL2													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks	
2	SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		WEB	
26		TCB	M 22* 65			0.13	I	0.13				WEB	
2	SPL	PL	297* 9	1305		1.55	E	0.78	M	1.55		WEB	
48		TCB	M 22* 65			0.24	I	0.24				WEB	
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14		FLG	
2	SPL	PL	100* 9	297		0.12	E	0.06	M	0.12		FLG	
8		TCB	M 22* 65			0.04	I	0.04				FLG	
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19		FB-F	
8		TCB	M 22* 65			0.04	I	0.04				FB-F	
JL2							E	1.42	I	0.45	M	2.81	

APPROACH BRIDGE CROSS GIRDER SPLICE C23 HL1HS													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks	
2	SPL	PL	180* 9	953		0.69	E	0.34	M	0.69		WEB	
20		TCB	M 22* 65			0.10	I	0.10				WEB	
HL1HS							E	0.34	I	0.10	M	0.69	

APPROACH BRIDGE CROSS GIRDER SPLICE C23 JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		WEB
26		TCB	M 22* 65			0.13	I	0.13				WEB
2	SPL	PL	297* 9	1305		1.55	E	0.78	M	1.55		WEB
48		TCB	M 22* 65			0.24	I	0.24				WEB
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14		FLG
2	SPL	PL	100* 9	297		0.12	E	0.06	M	0.12		FLG
8		TCB	M 22* 65			0.04	I	0.04				FLG

Caluculation of Steel Primer

(Unit: mm, m²)

4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19						FB-F
8		TCB	M 22* 65			0.04	I	0.04								FB-F
JL3								E	1.42	I	0.45	M	2.81			

APPROACH BRIDGE CROSS GIRDER SPLICE C23 JL4																
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks			
2	SPL	PL	297* 9	686		0.81	E	0.41	M	0.81						WEB
26		TCB	M 22* 65			0.13	I	0.13								WEB
2	SPL	PL	297* 9	1304		1.55	E	0.77	M	1.55						WEB
48		TCB	M 22* 65			0.24	I	0.24								WEB
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14						FLG
2	SPL	PL	100* 11	297		0.12	E	0.06	M	0.12						FLG
8		TCB	M 22* 75			0.04	I	0.04								FLG
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19						FB-F
8		TCB	M 22* 65			0.04	I	0.04								FB-F
JL4								E	1.41	I	0.45	M	2.81			

APPROACH BRIDGE CROSS GIRDER SPLICE C23 JL4A																
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks			
2	SPL	PL	297* 9	686		0.81	E	0.41	M	0.81						WEB
22		TCB	M 22* 65			0.11	I	0.11								WEB
JL4A								E	0.41	I	0.11	M	0.81			

APPROACH BRIDGE CROSS GIRDER SPLICE C23 HL2HS																
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks			
2	SPL	PL	180* 9	2067		1.49	E	0.74	M	1.49						WEB
40		TCB	M 22* 65			0.20	I	0.20								WEB
2	SPL	PL	180* 9	1922		1.38	E	0.69	M	1.38						WEB
38		TCB	M 22* 65			0.19	I	0.19								WEB
HL2HS								E	1.43	I	0.39	M	2.87			

APPROACH BRIDGE CROSS GIRDER SPLICE C23 JL5																
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks			
2	SPL	PL	297* 9	686		0.81	E	0.41	M	0.81						WEB
26		TCB	M 22* 65			0.13	I	0.13								WEB
2	SPL	PL	297* 9	1304		1.55	E	0.77	M	1.55						WEB

Caluculation of Steel Primer

(Unit: mm, m²)

48		TCB	M 22* 65			0.24	I	0.24												WEB															
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14										FLG															
2	SPL	PL	100* 11	297		0.12	E	0.06	M	0.12										FLG															
8		TCB	M 22* 75			0.04	I	0.04												FLG															
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19										FB-F															
8		TCB	M 22* 65			0.04	I	0.04												FB-F															
																	JL5	E	1.41	I	0.45	M	2.81												

APPROACH BRIDGE CROSS GIRDER SPLICE C23 JL6																																		
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area											Remarks																
2	SPL	PL	297* 9	686		0.81	E	0.41	M	0.81										WEB														
26		TCB	M 22* 65			0.13	I	0.13												WEB														
2	SPL	PL	297* 9	1260		1.50	E	0.75	M	1.50										WEB														
48		TCB	M 22* 65			0.24	I	0.24												WEB														
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14										FLG														
2	SPL	PL	100* 9	297		0.12	E	0.06	M	0.12										FLG														
8		TCB	M 22* 65			0.04	I	0.04												FLG														
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19										FB-F														
8		TCB	M 22* 65			0.04	I	0.04												FB-F														
																	JL6	E	1.39	I	0.45	M	2.76											

APPROACH BRIDGE CROSS GIRDER SPLICE C23 HL3HS																																	
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area											Remarks															
2	SPL	PL	180* 9	957		0.69	E	0.34	M	0.69										WEB													
20		TCB	M 22* 65			0.10	I	0.10												WEB													
																	HL3HS	E	0.34	I	0.10	M	0.69										

APPROACH BRIDGE CROSS GIRDER SPLICE C23 JL7																				
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area											Remarks		
2	SPL	PL	297* 9	685		0.81	E	0.41	M	0.81										WEB
26		TCB	M 22* 65			0.13	I	0.13												WEB
2	SPL	PL	297* 9	1305		1.55	E	0.78	M	1.55										WEB
48		TCB	M 22* 65			0.24	I	0.24												WEB
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14										FLG
2	SPL	PL	100* 9	297		0.12	E	0.06	M	0.12										FLG
8		TCB	M 22* 65			0.04	I	0.04												FLG
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19										FB-F
8		TCB	M 22* 65			0.04	I	0.04												FB-F

Caluculation of Steel Primer

(Unit: mm,m²)

JL7					E	1.42	I	0.45	M	2.81		

APPROACH BRIDGE CROSS GIRDER SPLICE C23 JL8													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	SPL	PL	297* 9	556		0.66	E	0.33	M	0.66			BR-W
21		TCB	M 22* 65			0.11	I	0.11					BR-W
2	SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			BR-F
1	SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			BR-F
8		TCB	M 22* 65			0.04	I	0.04					BR-F
JL8							E	0.45	I	0.15	M	0.89	
C23							E	11.89	I	3.70	M	23.65	

Caluculation of Steel Primer

(Unit: mm, m²)

APPROACH BRIDGE CROSS GIRDER SPLICE C24 JL1													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks	
2	SPL	PL	297* 9	556		0.66	E	0.33	M	0.66		BR-W	
21		TCB	M 22* 65			0.11	I	0.11				BR-W	
2	SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		BR-F	
1	SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		BR-F	
8		TCB	M 22* 65			0.04	I	0.04				BR-F	
JL1							E	0.45	I	0.15	M	0.89	

APPROACH BRIDGE CROSS GIRDER SPLICE C24 JL2													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks	
2	SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		WEB	
26		TCB	M 22* 65			0.13	I	0.13				WEB	
2	SPL	PL	297* 9	1305		1.55	E	0.78	M	1.55		WEB	
48		TCB	M 22* 65			0.24	I	0.24				WEB	
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14		FLG	
2	SPL	PL	100* 9	297		0.12	E	0.06	M	0.12		FLG	
8		TCB	M 22* 65			0.04	I	0.04				FLG	
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19		FB-F	
8		TCB	M 22* 65			0.04	I	0.04				FB-F	
JL2							E	1.42	I	0.45	M	2.81	

APPROACH BRIDGE CROSS GIRDER SPLICE C24 HL1HS													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks	
2	SPL	PL	180* 9	953		0.69	E	0.34	M	0.69		WEB	
20		TCB	M 22* 65			0.10	I	0.10				WEB	
HL1HS							E	0.34	I	0.10	M	0.69	

APPROACH BRIDGE CROSS GIRDER SPLICE C24 JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		WEB
26		TCB	M 22* 65			0.13	I	0.13				WEB
2	SPL	PL	297* 9	1305		1.55	E	0.78	M	1.55		WEB
48		TCB	M 22* 65			0.24	I	0.24				WEB
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14		FLG
2	SPL	PL	100* 9	297		0.12	E	0.06	M	0.12		FLG
8		TCB	M 22* 65			0.04	I	0.04				FLG

Caluculation of Steel Primer

(Unit: mm,m²)

4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19					FB-F
8		TCB	M 22* 65			0.04	I	0.04							FB-F
JL3							E	1.42	I	0.45	M	2.81			

APPROACH BRIDGE CROSS GIRDER SPLICE C24 JL4															
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area								Remarks
2	SPL	PL	297* 9	686		0.81	E	0.41	M	0.81					WEB
26		TCB	M 22* 65			0.13	I	0.13							WEB
2	SPL	PL	297* 9	1304		1.55	E	0.77	M	1.55					WEB
48		TCB	M 22* 65			0.24	I	0.24							WEB
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14					FLG
2	SPL	PL	100* 11	297		0.12	E	0.06	M	0.12					FLG
8		TCB	M 22* 75			0.04	I	0.04							FLG
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19					FB-F
8		TCB	M 22* 65			0.04	I	0.04							FB-F
JL4							E	1.41	I	0.45	M	2.81			

APPROACH BRIDGE CROSS GIRDER SPLICE C24 JL4A															
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area								Remarks
2	SPL	PL	297* 9	686		0.81	E	0.41	M	0.81					WEB
22		TCB	M 22* 65			0.11	I	0.11							WEB
JL4A							E	0.41	I	0.11	M	0.81			

APPROACH BRIDGE CROSS GIRDER SPLICE C24 HL2HS															
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area								Remarks
2	SPL	PL	180* 9	2363		1.70	E	0.85	M	1.70					WEB
46		TCB	M 22* 65			0.23	I	0.23							WEB
2	SPL	PL	180* 9	2058		1.48	E	0.74	M	1.48					WEB
40		TCB	M 22* 65			0.20	I	0.20							WEB
HL2HS							E	1.59	I	0.43	M	3.18			

APPROACH BRIDGE CROSS GIRDER SPLICE C24 JL5															
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area								Remarks
2	SPL	PL	297* 9	686		0.81	E	0.41	M	0.81					WEB
26		TCB	M 22* 65			0.13	I	0.13							WEB
2	SPL	PL	297* 9	1304		1.55	E	0.77	M	1.55					WEB

Caluculation of Steel Primer

(Unit: mm, m²)

48		TCB	M 22* 65			0.24	I	0.24												WEB															
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14										FLG															
2	SPL	PL	100* 11	297		0.12	E	0.06	M	0.12										FLG															
8		TCB	M 22* 75			0.04	I	0.04												FLG															
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19										FB-F															
8		TCB	M 22* 65			0.04	I	0.04												FB-F															
																	JL5	E	1.41	I	0.45	M	2.81												

APPROACH BRIDGE CROSS GIRDER SPLICE C24 JL6																																			
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area											Remarks																	
2	SPL	PL	297* 9	686		0.81	E	0.41	M	0.81										WEB															
26		TCB	M 22* 65			0.13	I	0.13												WEB															
2	SPL	PL	297* 9	1260		1.50	E	0.75	M	1.50										WEB															
48		TCB	M 22* 65			0.24	I	0.24												WEB															
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14										FLG															
2	SPL	PL	100* 9	297		0.12	E	0.06	M	0.12										FLG															
8		TCB	M 22* 65			0.04	I	0.04												FLG															
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19										FB-F															
8		TCB	M 22* 65			0.04	I	0.04												FB-F															
																	JL6	E	1.39	I	0.45	M	2.76												

APPROACH BRIDGE CROSS GIRDER SPLICE C24 HL3HS																																		
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area											Remarks																
2	SPL	PL	180* 9	957		0.69	E	0.34	M	0.69										WEB														
20		TCB	M 22* 65			0.10	I	0.10												WEB														
																	HL3HS	E	0.34	I	0.10	M	0.69											

APPROACH BRIDGE CROSS GIRDER SPLICE C24 JL7																				
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area											Remarks		
2	SPL	PL	297* 9	685		0.81	E	0.41	M	0.81										WEB
26		TCB	M 22* 65			0.13	I	0.13												WEB
2	SPL	PL	297* 9	1305		1.55	E	0.78	M	1.55										WEB
48		TCB	M 22* 65			0.24	I	0.24												WEB
1	SPL	PL	240* 9	297		0.14	E	0.07	M	0.14										FLG
2	SPL	PL	100* 9	297		0.12	E	0.06	M	0.12										FLG
8		TCB	M 22* 65			0.04	I	0.04												FLG
4	SPL	PL	80* 9	297		0.19	E	0.10	M	0.19										FB-F
8		TCB	M 22* 65			0.04	I	0.04												FB-F

Caluculation of Steel Primer

(Unit: mm,m²)

JL7					E	1.42	I	0.45	M	2.81		

APPROACH BRIDGE CROSS GIRDER SPLICE C24 JL8													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	SPL	PL	297* 9	556		0.66	E	0.33	M	0.66			BR-W
21		TCB	M 22* 65			0.11	I	0.11					BR-W
2	SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			BR-F
1	SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			BR-F
8		TCB	M 22* 65			0.04	I	0.04					BR-F
JL8							E	0.45	I	0.15	M	0.89	
C24							E	12.05	I	3.74	M	23.96	
CROSS GIRDER SPLICE							E	293.69	I	91.23	M	584.02	
APPROACH BRIDGE							E	293.69	I	91.23	M	584.02	

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DIAPHRAGM D1 LL1-JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1021		0.47	B	0.47				
1	WEB	PL	636* 9	1113	65	0.92	B	0.92				
1	VSTF	PL	90* 9	509		0.09	B	0.09				
LL1-JL1							B	1.48				

APPROACH BRIDGE DIAPHRAGM D1 JL1-JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	630		0.29	B	0.29				
1	FLG	PL	230* 10	168		0.08	B	0.08				
2	FLG	PL	111* 10	2546		1.13	B	1.13				
1	WEB	PL	788* 9	609	55	0.53	B	0.53				
1	WEB	PL	803* 9	168		0.27	B	0.27				
2	D-VSTF	PL	90* 9	503		0.18	C	0.18				
1	DIA	PL	2989* 9	2730	60	9.79	C	9.79				
2	D-STF	PL	100* 10	1413		0.57	C	0.57				
2	D-STF	PL	100* 10	1397		0.56	C	0.56				
2	D-STF	PL	110* 10	800		0.35	C	0.35				
JL1-JL2							B	2.30	C	11.45		

APPROACH BRIDGE DIAPHRAGM D1 JL2-JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1285		0.59	B	0.59				
1	WEB	PL	800* 9	1301	85	1.77	B	1.77				
1	VSTF	PL	90* 9	503		0.09	B	0.09				
JL2-JL3							B	2.45				

APPROACH BRIDGE DIAPHRAGM D1 JL3-JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	169		0.08	B	0.08				
1	FLG	PL	230* 10	169		0.08	B	0.08				
2	FLG	PL	111* 10	2691		1.19	B	1.19				
1	WEB	PL	803* 9	169		0.27	B	0.27				
1	WEB	PL	803* 9	169		0.27	B	0.27				
2	D-VSTF	PL	90* 9	765		0.28	C	0.28				
1	DIA	PL	2690* 9	2727	80	11.74	C	11.74				

Caluculation of Steel Primer

(Unit: mm, m²)

2	D-STF	PL	100* 10	1413		0.57	C	0.57						
2	D-STF	PL	100* 10	1398		0.56	C	0.56						
2	D-STF	PL	110* 10	800		0.35	C	0.35						
JL3-JL4							B	1.89	C	13.50				

APPROACH BRIDGE DIAPHRAGM D1 JL4-JL5														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	2936		1.35	B	1.35						
1	WEB	PL	829* 9	2935	85	4.14	B	4.14						
2	VSTF	PL	90* 9	780		0.28	B	0.28						
JL4-JL5							B	5.77						

APPROACH BRIDGE DIAPHRAGM D1 JL5-JL6														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	169		0.08	B	0.08						
1	FLG	PL	230* 10	169		0.08	B	0.08						
2	FLG	PL	111* 10	2691		1.19	B	1.19						
1	WEB	PL	803* 9	169		0.27	B	0.27						
1	WEB	PL	803* 9	169		0.27	B	0.27						
2	D-VSTF	PL	90* 9	765		0.28	C	0.28						
1	DIA	PL	2690* 9	2727	80	11.74	C	11.74						
2	D-STF	PL	100* 10	1413		0.57	C	0.57						
2	D-STF	PL	100* 10	1398		0.56	C	0.56						
2	D-STF	PL	110* 10	800		0.35	C	0.35						
JL5-JL6							B	1.89	C	13.50				

APPROACH BRIDGE DIAPHRAGM D1 JL6-JL7														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	1895		0.87	B	0.87						
1	FLG	PL	230* 10	1915		0.88	B	0.88						
1	FLG	PL	230* 10	1915		0.88	B	0.88						
1	FLG	PL	230* 10	1869		0.86	B	0.86						
1	WEB	PL	800* 9	1911	85	2.60	B	2.60						
1	WEB	PL	800* 9	1931	85	2.63	B	2.63						
1	WEB	PL	800* 9	1931	85	2.63	B	2.63						
1	WEB	PL	800* 9	1885	85	2.56	B	2.56						
1	VSTF	PL	90* 9	503		0.09	B	0.09						
2	VSTF	PL	90* 9	503		0.18	B	0.18						

Caluculation of Steel Primer

(Unit: mm,m²)

2	VSTF	PL	90* 9	503		0.18	B	0.18					
1	VSTF	PL	90* 9	503		0.09	B	0.09					
JL6-JL7							B	14.45					

APPROACH BRIDGE DIAPHRAGM D1 JL7-JL8													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	FLG	PL	230* 10	174		0.08	B	0.08					
1	FLG	PL	230* 10	630		0.29	B	0.29					
2	FLG	PL	111* 10	2546		1.13	B	1.13					
1	WEB	PL	803* 9	168		0.27	B	0.27					
1	WEB	PL	788* 9	609	55	0.53	B	0.53					
2	D-VSTF	PL	90* 9	503		0.18	C	0.18					
1	DIA	PL	2989* 9	2730	60	9.79	C	9.79					
2	D-STF	PL	100* 10	1413		0.57	C	0.57					
2	D-STF	PL	100* 10	1398		0.56	C	0.56					
2	D-STF	PL	110* 10	800		0.35	C	0.35					
JL7-JL8							B	2.30	C	11.45			

APPROACH BRIDGE DIAPHRAGM D1 JL8-RR1													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	FLG	PL	230* 10	1021		0.47	B	0.47					
1	WEB	PL	636* 9	1113	65	0.92	B	0.92					
1	VSTF	PL	90* 9	509		0.09	B	0.09					
JL8-RR1							B	1.48					
D1							B	34.01	C	49.90			

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DIAPHRAGM D2 LL1-JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1021		0.47	A	0.47				
1	WEB	PL	636* 9	1113	65	0.92	A	0.92				
1	VSTF	PL	90* 9	509		0.09	A	0.09				
LL1-JL1							A	1.48				

APPROACH BRIDGE DIAPHRAGM D2 JL1-JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	630		0.29	A	0.29				
1	FLG	PL	230* 10	168		0.08	A	0.08				
2	FLG	PL	111* 10	2546		1.13	A	1.13				
1	WEB	PL	788* 9	609	55	0.53	A	0.53				
1	WEB	PL	803* 9	168		0.27	A	0.27				
2	D-VSTF	PL	90* 9	503		0.18	C	0.18				
1	DIA	PL	2989* 9	2730	60	9.79	C	9.79				
2	D-STF	PL	100* 10	1413		0.57	C	0.57				
2	D-STF	PL	100* 10	1397		0.56	C	0.56				
2	D-STF	PL	110* 10	800		0.35	C	0.35				
JL1-JL2							A	2.30	C	11.45		

APPROACH BRIDGE DIAPHRAGM D2 JL2-JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1285		0.59	A	0.59				
1	WEB	PL	800* 9	1301	85	1.77	A	1.77				
1	VSTF	PL	90* 9	503		0.09	A	0.09				
JL2-JL3							A	2.45				

APPROACH BRIDGE DIAPHRAGM D2 JL3-JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08				
1	FLG	PL	230* 10	169		0.08	A	0.08				
2	FLG	PL	111* 10	2691		1.19	A	1.19				
1	WEB	PL	803* 9	169		0.27	A	0.27				
1	WEB	PL	803* 9	169		0.27	A	0.27				
2	D-VSTF	PL	90* 9	765		0.28	C	0.28				
1	DIA	PL	2690* 9	2727	80	11.74	C	11.74				

Caluculation of Steel Primer

(Unit: mm, m²)

2	D-STF	PL	100* 10	1413		0.57	C	0.57						
2	D-STF	PL	100* 10	1398		0.56	C	0.56						
2	D-STF	PL	110* 10	800		0.35	C	0.35						
JL3-JL4							A	1.89	C	13.50				

APPROACH BRIDGE DIAPHRAGM D2 JL4-JL5														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	2936		1.35	A	1.35						
1	WEB	PL	829* 9	2935	85	4.14	A	4.14						
2	VSTF	PL	90* 9	780		0.28	A	0.28						
JL4-JL5							A	5.77						

APPROACH BRIDGE DIAPHRAGM D2 JL5-JL6														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08						
1	FLG	PL	230* 10	169		0.08	A	0.08						
2	FLG	PL	111* 10	2691		1.19	A	1.19						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	WEB	PL	803* 9	169		0.27	A	0.27						
2	D-VSTF	PL	90* 9	765		0.28	C	0.28						
1	DIA	PL	2690* 9	2727	80	11.74	C	11.74						
2	D-STF	PL	100* 10	1413		0.57	C	0.57						
2	D-STF	PL	100* 10	1398		0.56	C	0.56						
2	D-STF	PL	110* 10	800		0.35	C	0.35						
JL5-JL6							A	1.89	C	13.50				

APPROACH BRIDGE DIAPHRAGM D2 JL6-JL7														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	1895		0.87	A	0.87						
1	FLG	PL	230* 10	1915		0.88	A	0.88						
1	FLG	PL	230* 10	1915		0.88	A	0.88						
1	FLG	PL	230* 10	1381		0.64	A	0.64						
1	WEB	PL	800* 9	1911	85	2.60	A	2.60						
1	WEB	PL	800* 9	1931	85	2.63	A	2.63						
1	WEB	PL	800* 9	1931	85	2.63	A	2.63						
1	WEB	PL	800* 9	1397	85	1.90	A	1.90						
1	VSTF	PL	90* 9	503		0.09	A	0.09						
2	VSTF	PL	90* 9	503		0.18	A	0.18						

Caluculation of Steel Primer

(Unit: mm,m²)

2	VSTF	PL	90* 9	503		0.18	A	0.18					
1	VSTF	PL	90* 9	503		0.09	A	0.09					
JL6-JL7							A	13.57					

APPROACH BRIDGE DIAPHRAGM D2 JL7-JL8													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	FLG	PL	230* 10	174		0.08	A	0.08					
1	FLG	PL	230* 10	630		0.29	A	0.29					
2	FLG	PL	111* 10	2546		1.13	A	1.13					
1	WEB	PL	803* 9	168		0.27	A	0.27					
1	WEB	PL	788* 9	609	55	0.53	A	0.53					
2	D-VSTF	PL	90* 9	503		0.18	C	0.18					
1	DIA	PL	2989* 9	2730	60	9.79	C	9.79					
2	D-STF	PL	100* 10	1413		0.57	C	0.57					
2	D-STF	PL	100* 10	1398		0.56	C	0.56					
2	D-STF	PL	110* 10	800		0.35	C	0.35					
JL7-JL8							A	2.30	C	11.45			

APPROACH BRIDGE DIAPHRAGM D2 JL8-RR1													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	FLG	PL	230* 10	1021		0.47	A	0.47					
1	WEB	PL	636* 9	1113	65	0.92	A	0.92					
1	VSTF	PL	90* 9	509		0.09	A	0.09					
JL8-RR1							A	1.48					
D2							A	33.13	C	49.90			

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DIAPHRAGM D3 LL1-JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1021		0.47	A	0.47				
1	WEB	PL	636* 9	1113	65	0.92	A	0.92				
1	VSTF	PL	90* 9	509		0.09	A	0.09				
LL1-JL1							A	1.48				

APPROACH BRIDGE DIAPHRAGM D3 JL1-JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	630		0.29	A	0.29				
1	FLG	PL	230* 10	168		0.08	A	0.08				
2	FLG	PL	111* 10	2546		1.13	A	1.13				
1	WEB	PL	788* 9	609	55	0.53	A	0.53				
1	WEB	PL	803* 9	168		0.27	A	0.27				
2	D-VSTF	PL	90* 9	503		0.18	C	0.18				
1	DIA	PL	2989* 9	2730	60	9.79	C	9.79				
2	D-STF	PL	100* 10	1413		0.57	C	0.57				
2	D-STF	PL	100* 10	1397		0.56	C	0.56				
2	D-STF	PL	110* 10	800		0.35	C	0.35				
JL1-JL2							A	2.30	C	11.45		

APPROACH BRIDGE DIAPHRAGM D3 JL2-JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1285		0.59	A	0.59				
1	WEB	PL	800* 9	1301	85	1.77	A	1.77				
1	VSTF	PL	90* 9	503		0.09	A	0.09				
JL2-JL3							A	2.45				

APPROACH BRIDGE DIAPHRAGM D3 JL3-JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08				
1	FLG	PL	230* 10	169		0.08	A	0.08				
2	FLG	PL	111* 10	2691		1.19	A	1.19				
1	WEB	PL	803* 9	169		0.27	A	0.27				
1	WEB	PL	803* 9	169		0.27	A	0.27				
2	D-VSTF	PL	90* 9	765		0.28	C	0.28				
1	DIA	PL	2690* 9	2727	80	11.74	C	11.74				

Caluculation of Steel Primer

(Unit: mm, m²)

2	D-STF	PL	100* 10	1413		0.57	C	0.57						
2	D-STF	PL	100* 10	1398		0.56	C	0.56						
2	D-STF	PL	110* 10	800		0.35	C	0.35						
JL3-JL4							A	1.89	C	13.50				

APPROACH BRIDGE DIAPHRAGM D3 JL4-JL5														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	2936		1.35	A	1.35						
1	WEB	PL	829* 9	2935	85	4.14	A	4.14						
2	VSTF	PL	90* 9	780		0.28	A	0.28						
JL4-JL5							A	5.77						

APPROACH BRIDGE DIAPHRAGM D3 JL5-JL6														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08						
1	FLG	PL	230* 10	169		0.08	A	0.08						
2	FLG	PL	111* 10	2691		1.19	A	1.19						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	WEB	PL	803* 9	169		0.27	A	0.27						
2	D-VSTF	PL	90* 9	765		0.28	C	0.28						
1	DIA	PL	2690* 9	2727	80	11.74	C	11.74						
2	D-STF	PL	100* 10	1413		0.57	C	0.57						
2	D-STF	PL	100* 10	1398		0.56	C	0.56						
2	D-STF	PL	110* 10	800		0.35	C	0.35						
JL5-JL6							A	1.89	C	13.50				

APPROACH BRIDGE DIAPHRAGM D3 JL6-JL7														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	1895		0.87	A	0.87						
1	FLG	PL	230* 10	1915		0.88	A	0.88						
1	FLG	PL	230* 10	2845		1.31	A	1.31						
1	WEB	PL	800* 9	1911	85	2.60	A	2.60						
1	WEB	PL	800* 9	1931	85	2.63	A	2.63						
1	WEB	PL	800* 9	2860	85	3.89	A	3.89						
1	VSTF	PL	90* 9	503		0.09	A	0.09						
2	VSTF	PL	90* 9	503		0.18	A	0.18						
2	VSTF	PL	90* 9	503		0.18	A	0.18						

Caluculation of Steel Primer

(Unit: mm,m²)

JL6-JL7					A	12.63					
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APPROACH BRIDGE DIAPHRAGM D3 JL7-JL8												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	173		0.08	A	0.08				
1	FLG	PL	230* 10	630		0.29	A	0.29				
2	FLG	PL	111* 10	2546		1.13	A	1.13				
1	WEB	PL	803* 9	168		0.27	A	0.27				
1	WEB	PL	788* 9	609	55	0.53	A	0.53				
2	D-VSTF	PL	90* 9	503		0.18	C	0.18				
1	DIA	PL	2989* 9	2730	60	9.79	C	9.79				
2	D-STF	PL	100* 10	1413		0.57	C	0.57				
2	D-STF	PL	100* 10	1398		0.56	C	0.56				
2	D-STF	PL	110* 10	800		0.35	C	0.35				
JL7-JL8					A	2.30	C	11.45				

APPROACH BRIDGE DIAPHRAGM D3 JL8-RR1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1021		0.47	A	0.47				
1	WEB	PL	636* 9	1113	65	0.92	A	0.92				
1	VSTF	PL	90* 9	509		0.09	A	0.09				
JL8-RR1					A	1.48						
D3					A	32.19	C	49.90				

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DIAPHRAGM D4 LL1-JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1021		0.47	A	0.47				
1	WEB	PL	636* 9	1113	65	0.92	A	0.92				
1	VSTF	PL	90* 9	509		0.09	A	0.09				
LL1-JL1							A	1.48				

APPROACH BRIDGE DIAPHRAGM D4 JL1-JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	630		0.29	A	0.29				
1	FLG	PL	230* 10	168		0.08	A	0.08				
2	FLG	PL	111* 10	2546		1.13	A	1.13				
1	WEB	PL	788* 9	609	55	0.53	A	0.53				
1	WEB	PL	803* 9	168		0.27	A	0.27				
2	D-VSTF	PL	90* 9	503		0.18	C	0.18				
1	DIA	PL	2989* 9	2730	60	9.79	C	9.79				
2	D-STF	PL	100* 10	1413		0.57	C	0.57				
2	D-STF	PL	100* 10	1397		0.56	C	0.56				
2	D-STF	PL	110* 10	800		0.35	C	0.35				
JL1-JL2							A	2.30	C	11.45		

APPROACH BRIDGE DIAPHRAGM D4 JL2-JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1285		0.59	A	0.59				
1	WEB	PL	800* 9	1301	85	1.77	A	1.77				
1	VSTF	PL	90* 9	503		0.09	A	0.09				
JL2-JL3							A	2.45				

APPROACH BRIDGE DIAPHRAGM D4 JL3-JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08				
1	FLG	PL	230* 10	169		0.08	A	0.08				
2	FLG	PL	111* 10	2691		1.19	A	1.19				
1	WEB	PL	803* 9	169		0.27	A	0.27				
1	WEB	PL	803* 9	169		0.27	A	0.27				
2	D-VSTF	PL	90* 9	765		0.28	C	0.28				
1	DIA	PL	2690* 9	2727	80	11.74	C	11.74				

Caluculation of Steel Primer

(Unit: mm, m²)

2	D-STF	PL	100* 10	1413		0.57	C	0.57						
2	D-STF	PL	100* 10	1398		0.56	C	0.56						
2	D-STF	PL	110* 10	800		0.35	C	0.35						
JL3-JL4							A	1.89	C	13.50				

APPROACH BRIDGE DIAPHRAGM D4 JL4-JL5														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	2936		1.35	A	1.35						
1	WEB	PL	829* 9	2935	85	4.14	A	4.14						
2	VSTF	PL	90* 9	780		0.28	A	0.28						
JL4-JL5							A	5.77						

APPROACH BRIDGE DIAPHRAGM D4 JL5-JL6														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08						
1	FLG	PL	230* 10	169		0.08	A	0.08						
2	FLG	PL	111* 10	2691		1.19	A	1.19						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	WEB	PL	803* 9	169		0.27	A	0.27						
2	D-VSTF	PL	90* 9	765		0.28	C	0.28						
1	DIA	PL	2690* 9	2727	80	11.74	C	11.74						
2	D-STF	PL	100* 10	1413		0.57	C	0.57						
2	D-STF	PL	100* 10	1398		0.56	C	0.56						
2	D-STF	PL	110* 10	800		0.35	C	0.35						
JL5-JL6							A	1.89	C	13.50				

APPROACH BRIDGE DIAPHRAGM D4 JL6-JL7														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	1895		0.87	A	0.87						
1	FLG	PL	230* 10	1915		0.88	A	0.88						
1	FLG	PL	230* 10	2432		1.12	A	1.12						
1	WEB	PL	800* 9	1911	85	2.60	A	2.60						
1	WEB	PL	800* 9	1931	85	2.63	A	2.63						
1	WEB	PL	800* 9	2447	85	3.33	A	3.33						
1	VSTF	PL	90* 9	503		0.09	A	0.09						
2	VSTF	PL	90* 9	503		0.18	A	0.18						
2	VSTF	PL	90* 9	503		0.18	A	0.18						

Caluculation of Steel Primer

(Unit: mm,m²)

JL6-JL7					A	11.88					
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APPROACH BRIDGE DIAPHRAGM D4 JL7-JL8												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	172		0.08	A	0.08				
1	FLG	PL	230* 10	630		0.29	A	0.29				
2	FLG	PL	111* 10	2546		1.13	A	1.13				
1	WEB	PL	803* 9	168		0.27	A	0.27				
1	WEB	PL	788* 9	609	55	0.53	A	0.53				
2	D-VSTF	PL	90* 9	503		0.18	C	0.18				
1	DIA	PL	2989* 9	2730	60	9.79	C	9.79				
2	D-STF	PL	100* 10	1413		0.57	C	0.57				
2	D-STF	PL	100* 10	1398		0.56	C	0.56				
2	D-STF	PL	110* 10	800		0.35	C	0.35				
JL7-JL8					A	2.30	C	11.45				

APPROACH BRIDGE DIAPHRAGM D4 JL8-RR1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1021		0.47	A	0.47				
1	WEB	PL	636* 9	1113	65	0.92	A	0.92				
1	VSTF	PL	90* 9	509		0.09	A	0.09				
JL8-RR1					A	1.48						
D4					A	31.44	C	49.90				

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DIAPHRAGM D5 LL1-JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1021		0.47	A	0.47				
1	WEB	PL	636* 9	1113	65	0.92	A	0.92				
1	VSTF	PL	90* 9	509		0.09	A	0.09				
LL1-JL1							A	1.48				

APPROACH BRIDGE DIAPHRAGM D5 JL1-JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	630		0.29	A	0.29				
1	FLG	PL	230* 10	168		0.08	A	0.08				
2	FLG	PL	111* 10	2546		1.13	A	1.13				
1	WEB	PL	788* 9	609	55	0.53	A	0.53				
1	WEB	PL	803* 9	168		0.27	A	0.27				
2	D-VSTF	PL	90* 9	503		0.18	C	0.18				
1	DIA	PL	2989* 9	2730	60	9.79	C	9.79				
2	D-STF	PL	100* 10	1413		0.57	C	0.57				
2	D-STF	PL	100* 10	1397		0.56	C	0.56				
2	D-STF	PL	110* 10	800		0.35	C	0.35				
JL1-JL2							A	2.30	C	11.45		

APPROACH BRIDGE DIAPHRAGM D5 JL2-JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1285		0.59	A	0.59				
1	WEB	PL	800* 9	1301	85	1.77	A	1.77				
1	VSTF	PL	90* 9	503		0.09	A	0.09				
JL2-JL3							A	2.45				

APPROACH BRIDGE DIAPHRAGM D5 JL3-JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08				
1	FLG	PL	230* 10	169		0.08	A	0.08				
2	FLG	PL	111* 10	2691		1.19	A	1.19				
1	WEB	PL	803* 9	169		0.27	A	0.27				
1	WEB	PL	803* 9	169		0.27	A	0.27				
2	D-VSTF	PL	90* 9	765		0.28	C	0.28				
1	DIA	PL	2690* 9	2727	80	11.74	C	11.74				

Caluculation of Steel Primer

(Unit: mm, m²)

2	D-STF	PL	100* 10	1413		0.57	C	0.57						
2	D-STF	PL	100* 10	1398		0.56	C	0.56						
2	D-STF	PL	110* 10	800		0.35	C	0.35						
JL3-JL4							A	1.89	C	13.50				

APPROACH BRIDGE DIAPHRAGM D5 JL4-JL5														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	2936		1.35	A	1.35						
1	WEB	PL	829* 9	2935	85	4.14	A	4.14						
2	VSTF	PL	90* 9	780		0.28	A	0.28						
JL4-JL5							A	5.77						

APPROACH BRIDGE DIAPHRAGM D5 JL5-JL6														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08						
1	FLG	PL	230* 10	169		0.08	A	0.08						
2	FLG	PL	111* 10	2691		1.19	A	1.19						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	WEB	PL	803* 9	169		0.27	A	0.27						
2	D-VSTF	PL	90* 9	765		0.28	C	0.28						
1	DIA	PL	2690* 9	2727	80	11.74	C	11.74						
2	D-STF	PL	100* 10	1413		0.57	C	0.57						
2	D-STF	PL	100* 10	1398		0.56	C	0.56						
2	D-STF	PL	110* 10	800		0.35	C	0.35						
JL5-JL6							A	1.89	C	13.50				

APPROACH BRIDGE DIAPHRAGM D5 JL6-JL7														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	1895		0.87	A	0.87						
1	FLG	PL	230* 10	1915		0.88	A	0.88						
1	FLG	PL	230* 10	2064		0.95	A	0.95						
1	WEB	PL	800* 9	1911	85	2.60	A	2.60						
1	WEB	PL	800* 9	1931	85	2.63	A	2.63						
1	WEB	PL	800* 9	2079	85	2.83	A	2.83						
1	VSTF	PL	90* 9	503		0.09	A	0.09						
2	VSTF	PL	90* 9	503		0.18	A	0.18						
2	VSTF	PL	90* 9	503		0.18	A	0.18						

Caluculation of Steel Primer

(Unit: mm,m²)

JL6-JL7					A	11.21					
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APPROACH BRIDGE DIAPHRAGM D5 JL7-JL8												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	172		0.08	A	0.08				
1	FLG	PL	230* 10	630		0.29	A	0.29				
2	FLG	PL	111* 10	2546		1.13	A	1.13				
1	WEB	PL	803* 9	168		0.27	A	0.27				
1	WEB	PL	788* 9	609	55	0.53	A	0.53				
2	D-VSTF	PL	90* 9	503		0.18	C	0.18				
1	DIA	PL	2989* 9	2730	60	9.79	C	9.79				
2	D-STF	PL	100* 10	1413		0.57	C	0.57				
2	D-STF	PL	100* 10	1398		0.56	C	0.56				
2	D-STF	PL	110* 10	800		0.35	C	0.35				
JL7-JL8					A	2.30	C	11.45				

APPROACH BRIDGE DIAPHRAGM D5 JL8-RR1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1021		0.47	A	0.47				
1	WEB	PL	636* 9	1113	65	0.92	A	0.92				
1	VSTF	PL	90* 9	509		0.09	A	0.09				
JL8-RR1					A	1.48						
D5					A	30.77	C	49.90				

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DIAPHRAGM D6 LL1-JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1021		0.47	A	0.47				
1	WEB	PL	636* 9	1113	65	0.92	A	0.92				
1	VSTF	PL	90* 9	509		0.09	A	0.09				
LL1-JL1							A	1.48				

APPROACH BRIDGE DIAPHRAGM D6 JL1-JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	630		0.29	A	0.29				
1	FLG	PL	230* 10	168		0.08	A	0.08				
2	FLG	PL	111* 10	2546		1.13	A	1.13				
1	WEB	PL	788* 9	609	55	0.53	A	0.53				
1	WEB	PL	803* 9	168		0.27	A	0.27				
2	D-VSTF	PL	90* 9	503		0.18	C	0.18				
1	DIA	PL	2989* 9	2730	60	9.79	C	9.79				
2	D-STF	PL	100* 10	1413		0.57	C	0.57				
2	D-STF	PL	100* 10	1397		0.56	C	0.56				
2	D-STF	PL	110* 10	800		0.35	C	0.35				
JL1-JL2							A	2.30	C	11.45		

APPROACH BRIDGE DIAPHRAGM D6 JL2-JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1285		0.59	A	0.59				
1	WEB	PL	800* 9	1301	85	1.77	A	1.77				
1	VSTF	PL	90* 9	503		0.09	A	0.09				
JL2-JL3							A	2.45				

APPROACH BRIDGE DIAPHRAGM D6 JL3-JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08				
1	FLG	PL	230* 10	169		0.08	A	0.08				
2	FLG	PL	111* 10	2691		1.19	A	1.19				
1	WEB	PL	803* 9	169		0.27	A	0.27				
1	WEB	PL	803* 9	169		0.27	A	0.27				
2	D-VSTF	PL	90* 9	765		0.28	C	0.28				
1	DIA	PL	2690* 9	2727	80	11.74	C	11.74				

Caluculation of Steel Primer

(Unit: mm, m²)

2	D-STF	PL	100* 10	1413		0.57	C	0.57						
2	D-STF	PL	100* 10	1398		0.56	C	0.56						
2	D-STF	PL	110* 10	800		0.35	C	0.35						
JL3-JL4							A	1.89	C	13.50				

APPROACH BRIDGE DIAPHRAGM D6 JL4-JL5														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	2936		1.35	A	1.35						
1	WEB	PL	829* 9	2935	85	4.14	A	4.14						
2	VSTF	PL	90* 9	780		0.28	A	0.28						
JL4-JL5							A	5.77						

APPROACH BRIDGE DIAPHRAGM D6 JL5-JL6														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08						
1	FLG	PL	230* 10	169		0.08	A	0.08						
2	FLG	PL	111* 10	2691		1.19	A	1.19						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	WEB	PL	803* 9	169		0.27	A	0.27						
2	D-VSTF	PL	90* 9	765		0.28	C	0.28						
1	DIA	PL	2690* 9	2727	80	11.74	C	11.74						
2	D-STF	PL	100* 10	1413		0.57	C	0.57						
2	D-STF	PL	100* 10	1398		0.56	C	0.56						
2	D-STF	PL	110* 10	800		0.35	C	0.35						
JL5-JL6							A	1.89	C	13.50				

APPROACH BRIDGE DIAPHRAGM D6 JL6-JL7														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	1895		0.87	A	0.87						
1	FLG	PL	230* 10	1915		0.88	A	0.88						
1	FLG	PL	230* 10	1740		0.80	A	0.80						
1	WEB	PL	800* 9	1911	85	2.60	A	2.60						
1	WEB	PL	800* 9	1931	85	2.63	A	2.63						
1	WEB	PL	800* 9	1755	85	2.39	A	2.39						
1	VSTF	PL	90* 9	503		0.09	A	0.09						
2	VSTF	PL	90* 9	503		0.18	A	0.18						
1	VSTF	PL	90* 9	503		0.09	A	0.09						

Caluculation of Steel Primer

(Unit: mm,m²)

JL6-JL7					A	10.53					
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APPROACH BRIDGE DIAPHRAGM D6 JL7-JL8												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	171		0.08	A	0.08				
1	FLG	PL	230* 10	630		0.29	A	0.29				
2	FLG	PL	111* 10	2546		1.13	A	1.13				
1	WEB	PL	803* 9	168		0.27	A	0.27				
1	WEB	PL	788* 9	609	55	0.53	A	0.53				
2	D-VSTF	PL	90* 9	503		0.18	C	0.18				
1	DIA	PL	2989* 9	2730	60	9.79	C	9.79				
2	D-STF	PL	100* 10	1413		0.57	C	0.57				
2	D-STF	PL	100* 10	1398		0.56	C	0.56				
2	D-STF	PL	110* 10	800		0.35	C	0.35				
JL7-JL8					A	2.30	C	11.45				

APPROACH BRIDGE DIAPHRAGM D6 JL8-RR1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1021		0.47	A	0.47				
1	WEB	PL	636* 9	1113	65	0.92	A	0.92				
1	VSTF	PL	90* 9	509		0.09	A	0.09				
JL8-RR1					A	1.48						
D6					A	30.09	C	49.90				

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DIAPHRAGM D7 LL1-JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1021		0.47	A	0.47				
1	WEB	PL	636* 9	1113	65	0.92	A	0.92				
1	VSTF	PL	90* 9	509		0.09	A	0.09				
LL1-JL1							A	1.48				

APPROACH BRIDGE DIAPHRAGM D7 JL1-JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	630		0.29	A	0.29				
1	FLG	PL	230* 10	168		0.08	A	0.08				
2	FLG	PL	111* 10	2546		1.13	A	1.13				
1	WEB	PL	788* 9	609	55	0.53	A	0.53				
1	WEB	PL	803* 9	168		0.27	A	0.27				
2	D-VSTF	PL	90* 9	503		0.18	C	0.18				
1	DIA	PL	2989* 9	2730	60	9.79	C	9.79				
2	D-STF	PL	100* 10	1413		0.57	C	0.57				
2	D-STF	PL	100* 10	1397		0.56	C	0.56				
2	D-STF	PL	110* 10	800		0.35	C	0.35				
JL1-JL2							A	2.30	C	11.45		

APPROACH BRIDGE DIAPHRAGM D7 JL2-JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1285		0.59	A	0.59				
1	WEB	PL	800* 9	1301	85	1.77	A	1.77				
1	VSTF	PL	90* 9	503		0.09	A	0.09				
JL2-JL3							A	2.45				

APPROACH BRIDGE DIAPHRAGM D7 JL3-JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08				
1	FLG	PL	230* 10	169		0.08	A	0.08				
2	FLG	PL	111* 10	2691		1.19	A	1.19				
1	WEB	PL	803* 9	169		0.27	A	0.27				
1	WEB	PL	803* 9	169		0.27	A	0.27				
2	D-VSTF	PL	90* 9	765		0.28	C	0.28				
1	DIA	PL	2690* 9	2727	80	11.74	C	11.74				

Caluculation of Steel Primer

(Unit: mm, m²)

2	D-STF	PL	100* 10	1413		0.57	C	0.57						
2	D-STF	PL	100* 10	1398		0.56	C	0.56						
2	D-STF	PL	110* 10	800		0.35	C	0.35						
JL3-JL4							A	1.89	C	13.50				

APPROACH BRIDGE DIAPHRAGM D7 JL4-JL5														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	2936		1.35	A	1.35						
1	WEB	PL	829* 9	2935	85	4.14	A	4.14						
2	VSTF	PL	90* 9	780		0.28	A	0.28						
JL4-JL5							A	5.77						

APPROACH BRIDGE DIAPHRAGM D7 JL5-JL6														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08						
1	FLG	PL	230* 10	169		0.08	A	0.08						
2	FLG	PL	111* 10	2691		1.19	A	1.19						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	WEB	PL	803* 9	169		0.27	A	0.27						
2	D-VSTF	PL	90* 9	765		0.28	C	0.28						
1	DIA	PL	2690* 9	2727	80	11.74	C	11.74						
2	D-STF	PL	100* 10	1413		0.57	C	0.57						
2	D-STF	PL	100* 10	1398		0.56	C	0.56						
2	D-STF	PL	110* 10	800		0.35	C	0.35						
JL5-JL6							A	1.89	C	13.50				

APPROACH BRIDGE DIAPHRAGM D7 JL6-JL7														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	1895		0.87	A	0.87						
1	FLG	PL	230* 10	1915		0.88	A	0.88						
1	FLG	PL	230* 10	1460		0.67	A	0.67						
1	WEB	PL	800* 9	1911	85	2.60	A	2.60						
1	WEB	PL	800* 9	1931	85	2.63	A	2.63						
1	WEB	PL	800* 9	1476	85	2.01	A	2.01						
1	VSTF	PL	90* 9	503		0.09	A	0.09						
2	VSTF	PL	90* 9	503		0.18	A	0.18						
1	VSTF	PL	90* 9	503		0.09	A	0.09						

Caluculation of Steel Primer

(Unit: mm,m²)

JL6-JL7				A	10.02					
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APPROACH BRIDGE DIAPHRAGM D7 JL7-JL8											
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks
1	FLG	PL	230* 10	171		0.08	A	0.08			
1	FLG	PL	230* 10	630		0.29	A	0.29			
2	FLG	PL	111* 10	2546		1.13	A	1.13			
1	WEB	PL	803* 9	168		0.27	A	0.27			
1	WEB	PL	788* 9	609	55	0.53	A	0.53			
2	D-VSTF	PL	90* 9	503		0.18	C	0.18			
1	DIA	PL	2989* 9	2730	60	9.79	C	9.79			
2	D-STF	PL	100* 10	1413		0.57	C	0.57			
2	D-STF	PL	100* 10	1398		0.56	C	0.56			
2	D-STF	PL	110* 10	800		0.35	C	0.35			
JL7-JL8				A	2.30	C	11.45				

APPROACH BRIDGE DIAPHRAGM D7 JL8-RR1											
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks
1	FLG	PL	230* 10	1021		0.47	A	0.47			
1	WEB	PL	636* 9	1113	65	0.92	A	0.92			
1	VSTF	PL	90* 9	509		0.09	A	0.09			
JL8-RR1				A	1.48						
D7				A	29.58	C	49.90				

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DIAPHRAGM D8 LL1-JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1021		0.47	A	0.47				
1	WEB	PL	636* 9	1113	65	0.92	A	0.92				
1	VSTF	PL	90* 9	509		0.09	A	0.09				
LL1-JL1							A	1.48				

APPROACH BRIDGE DIAPHRAGM D8 JL1-JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	627		0.29	A	0.29				
1	FLG	PL	230* 10	166		0.08	A	0.08				
2	FLG	PL	111* 10	2546		1.13	A	1.13				
1	WEB	PL	787* 9	606	55	0.52	A	0.52				
1	WEB	PL	803* 9	166		0.27	A	0.27				
2	D-VSTF	PL	90* 9	503		0.18	C	0.18				
1	DIA	PL	2989* 9	2730	60	9.79	C	9.79				
2	D-STF	PL	100* 10	1413		0.57	C	0.57				
2	D-STF	PL	100* 10	1397		0.56	C	0.56				
2	D-STF	PL	110* 10	800		0.35	C	0.35				
JL1-JL2							A	2.29	C	11.45		

APPROACH BRIDGE DIAPHRAGM D8 JL2-JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1285		0.59	A	0.59				
1	WEB	PL	800* 9	1301	85	1.77	A	1.77				
1	VSTF	PL	90* 9	503		0.09	A	0.09				
JL2-JL3							A	2.45				

APPROACH BRIDGE DIAPHRAGM D8 JL3-JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08				
1	FLG	PL	230* 10	169		0.08	A	0.08				
2	FLG	PL	111* 10	2691		1.19	A	1.19				
1	WEB	PL	803* 9	169		0.27	A	0.27				
1	WEB	PL	803* 9	169		0.27	A	0.27				
2	D-VSTF	PL	90* 9	765		0.28	C	0.28				
1	DIA	PL	2690* 9	2727	80	11.74	C	11.74				

Caluculation of Steel Primer

(Unit: mm, m²)

2	D-STF	PL	100* 10	1413		0.57	C	0.57						
2	D-STF	PL	100* 10	1398		0.56	C	0.56						
2	D-STF	PL	110* 10	800		0.35	C	0.35						
JL3-JL4							A	1.89	C	13.50				

APPROACH BRIDGE DIAPHRAGM D8 JL4-JL5														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	2936		1.35	A	1.35						
1	WEB	PL	829* 9	2935	85	4.14	A	4.14						
2	VSTF	PL	90* 9	780		0.28	A	0.28						
JL4-JL5							A	5.77						

APPROACH BRIDGE DIAPHRAGM D8 JL5-JL6														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08						
1	FLG	PL	230* 10	169		0.08	A	0.08						
2	FLG	PL	111* 10	2691		1.19	A	1.19						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	WEB	PL	803* 9	169		0.27	A	0.27						
2	D-VSTF	PL	90* 9	765		0.28	C	0.28						
1	DIA	PL	2690* 9	2727	80	11.74	C	11.74						
2	D-STF	PL	100* 10	1413		0.57	C	0.57						
2	D-STF	PL	100* 10	1398		0.56	C	0.56						
2	D-STF	PL	110* 10	800		0.35	C	0.35						
JL5-JL6							A	1.89	C	13.50				

APPROACH BRIDGE DIAPHRAGM D8 JL6-JL7														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	1895		0.87	A	0.87						
1	FLG	PL	230* 10	3148		1.45	A	1.45						
1	WEB	PL	800* 9	1911	85	2.60	A	2.60						
1	WEB	PL	800* 9	3163	85	4.30	A	4.30						
1	VSTF	PL	90* 9	503		0.09	A	0.09						
3	VSTF	PL	90* 9	503		0.27	A	0.27						
JL6-JL7							A	9.58						

APPROACH BRIDGE DIAPHRAGM D8 JL7-JL8														
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Caluculation of Steel Primer

(Unit: mm,m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
1	FLG	PL	230* 10	168		0.08	A	0.08						
1	FLG	PL	230* 10	627		0.29	A	0.29						
2	FLG	PL	111* 10	2546		1.13	A	1.13						
1	WEB	PL	803* 9	166		0.27	A	0.27						
1	WEB	PL	787* 9	606	55	0.52	A	0.52						
2	D-VSTF	PL	90* 9	503		0.18	C	0.18						
1	DIA	PL	2989* 9	2730	60	9.79	C	9.79						
2	D-STF	PL	100* 10	1413		0.57	C	0.57						
2	D-STF	PL	100* 10	1398		0.56	C	0.56						
2	D-STF	PL	110* 10	800		0.35	C	0.35						
JL7-JL8							A	2.29	C	11.45				

APPROACH BRIDGE DIAPHRAGM D8 JL8-RR1														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
1	FLG	PL	230* 10	1021		0.47	A	0.47						
1	WEB	PL	636* 9	1113	65	0.92	A	0.92						
1	VSTF	PL	90* 9	509		0.09	A	0.09						
JL8-RR1							A	1.48						
D8							A	29.12	C	49.90				

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DIAPHRAGM D9 LL1-JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1021		0.47	A	0.47				
1	WEB	PL	636* 9	1113	65	0.92	A	0.92				
1	VSTF	PL	90* 9	509		0.09	A	0.09				
LL1-JL1							A	1.48				

APPROACH BRIDGE DIAPHRAGM D9 JL1-JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	627		0.29	A	0.29				
1	FLG	PL	230* 10	166		0.08	A	0.08				
2	FLG	PL	111* 10	2546		1.13	A	1.13				
1	WEB	PL	787* 9	606	55	0.52	A	0.52				
1	WEB	PL	803* 9	166		0.27	A	0.27				
2	D-VSTF	PL	90* 9	503		0.18	C	0.18				
1	DIA	PL	2989* 9	2730	60	9.79	C	9.79				
2	D-STF	PL	100* 10	1413		0.57	C	0.57				
2	D-STF	PL	100* 10	1397		0.56	C	0.56				
2	D-STF	PL	110* 10	800		0.35	C	0.35				
JL1-JL2							A	2.29	C	11.45		

APPROACH BRIDGE DIAPHRAGM D9 JL2-JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1285		0.59	A	0.59				
1	WEB	PL	800* 9	1301	85	1.77	A	1.77				
1	VSTF	PL	90* 9	503		0.09	A	0.09				
JL2-JL3							A	2.45				

APPROACH BRIDGE DIAPHRAGM D9 JL3-JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08				
1	FLG	PL	230* 10	169		0.08	A	0.08				
2	FLG	PL	111* 10	2691		1.19	A	1.19				
1	WEB	PL	803* 9	169		0.27	A	0.27				
1	WEB	PL	803* 9	169		0.27	A	0.27				
2	D-VSTF	PL	90* 9	765		0.28	C	0.28				
1	DIA	PL	2690* 9	2727	80	11.74	C	11.74				

Caluculation of Steel Primer

(Unit: mm, m²)

2	D-STF	PL	100* 10	1413		0.57	C	0.57						
2	D-STF	PL	100* 10	1398		0.56	C	0.56						
2	D-STF	PL	110* 10	800		0.35	C	0.35						
JL3-JL4							A	1.89	C	13.50				

APPROACH BRIDGE DIAPHRAGM D9 JL4-JL5														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	2936		1.35	A	1.35						
1	WEB	PL	829* 9	2935	85	4.14	A	4.14						
2	VSTF	PL	90* 9	780		0.28	A	0.28						
JL4-JL5							A	5.77						

APPROACH BRIDGE DIAPHRAGM D9 JL5-JL6														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08						
1	FLG	PL	230* 10	169		0.08	A	0.08						
2	FLG	PL	111* 10	2691		1.19	A	1.19						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	WEB	PL	803* 9	169		0.27	A	0.27						
2	D-VSTF	PL	90* 9	765		0.28	C	0.28						
1	DIA	PL	2690* 9	2727	80	11.74	C	11.74						
2	D-STF	PL	100* 10	1413		0.57	C	0.57						
2	D-STF	PL	100* 10	1398		0.56	C	0.56						
2	D-STF	PL	110* 10	800		0.35	C	0.35						
JL5-JL6							A	1.89	C	13.50				

APPROACH BRIDGE DIAPHRAGM D9 JL6-JL7														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	1895		0.87	A	0.87						
1	FLG	PL	230* 10	2959		1.36	A	1.36						
1	WEB	PL	800* 9	1911	85	2.60	A	2.60						
1	WEB	PL	800* 9	2974	85	4.04	A	4.04						
1	VSTF	PL	90* 9	503		0.09	A	0.09						
3	VSTF	PL	90* 9	503		0.27	A	0.27						
JL6-JL7							A	9.23						

APPROACH BRIDGE DIAPHRAGM D9 JL7-JL8														
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Caluculation of Steel Primer

(Unit: mm,m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks		
1	FLG	PL	230* 10	168		0.08	A	0.08						
1	FLG	PL	230* 10	627		0.29	A	0.29						
2	FLG	PL	111* 10	2546		1.13	A	1.13						
1	WEB	PL	803* 9	166		0.27	A	0.27						
1	WEB	PL	787* 9	606	55	0.52	A	0.52						
2	D-VSTF	PL	90* 9	503		0.18	C	0.18						
1	DIA	PL	2989* 9	2730	60	9.79	C	9.79						
2	D-STF	PL	100* 10	1413		0.57	C	0.57						
2	D-STF	PL	100* 10	1398		0.56	C	0.56						
2	D-STF	PL	110* 10	800		0.35	C	0.35						
JL7-JL8							A	2.29	C	11.45				

APPROACH BRIDGE DIAPHRAGM D9 JL8-RR1														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks		
1	FLG	PL	230* 10	1021		0.47	A	0.47						
1	WEB	PL	636* 9	1113	65	0.92	A	0.92						
1	VSTF	PL	90* 9	509		0.09	A	0.09						
JL8-RR1							A	1.48						
D9							A	28.77	C	49.90				

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DIAPHRAGM D10 LL1-JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1021		0.47	A	0.47				
1	WEB	PL	636* 9	1113	65	0.92	A	0.92				
1	VSTF	PL	90* 9	509		0.09	A	0.09				
LL1-JL1							A	1.48				

APPROACH BRIDGE DIAPHRAGM D10 JL1-JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	630		0.29	A	0.29				
1	FLG	PL	230* 10	168		0.08	A	0.08				
2	FLG	PL	111* 10	2546		1.13	A	1.13				
1	WEB	PL	788* 9	609	55	0.53	A	0.53				
1	WEB	PL	803* 9	168		0.27	A	0.27				
2	D-VSTF	PL	90* 9	503		0.18	C	0.18				
1	DIA	PL	2989* 9	2730	60	9.79	C	9.79				
2	D-STF	PL	100* 10	1413		0.57	C	0.57				
2	D-STF	PL	100* 10	1397		0.56	C	0.56				
2	D-STF	PL	110* 10	800		0.35	C	0.35				
JL1-JL2							A	2.30	C	11.45		

APPROACH BRIDGE DIAPHRAGM D10 JL2-JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1285		0.59	A	0.59				
1	WEB	PL	800* 9	1301	85	1.77	A	1.77				
1	VSTF	PL	90* 9	503		0.09	A	0.09				
JL2-JL3							A	2.45				

APPROACH BRIDGE DIAPHRAGM D10 JL3-JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08				
1	FLG	PL	230* 10	169		0.08	A	0.08				
2	FLG	PL	111* 10	2691		1.19	A	1.19				
1	WEB	PL	803* 9	169		0.27	A	0.27				
1	WEB	PL	803* 9	169		0.27	A	0.27				
2	D-VSTF	PL	90* 9	765		0.28	C	0.28				
1	DIA	PL	2690* 9	2727	80	11.74	C	11.74				

Caluculation of Steel Primer

(Unit: mm, m²)

2	D-STF	PL	100* 10	1413		0.57	C	0.57						
2	D-STF	PL	100* 10	1398		0.56	C	0.56						
2	D-STF	PL	110* 10	800		0.35	C	0.35						
JL3-JL4							A	1.89	C	13.50				

APPROACH BRIDGE DIAPHRAGM D10 JL4-JL5														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	2936		1.35	A	1.35						
1	WEB	PL	829* 9	2935	85	4.14	A	4.14						
2	VSTF	PL	90* 9	780		0.28	A	0.28						
JL4-JL5							A	5.77						

APPROACH BRIDGE DIAPHRAGM D10 JL5-JL6														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08						
1	FLG	PL	230* 10	169		0.08	A	0.08						
2	FLG	PL	111* 10	2691		1.19	A	1.19						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	WEB	PL	803* 9	169		0.27	A	0.27						
2	D-VSTF	PL	90* 9	765		0.28	C	0.28						
1	DIA	PL	2690* 9	2727	80	11.74	C	11.74						
2	D-STF	PL	100* 10	1413		0.57	C	0.57						
2	D-STF	PL	100* 10	1398		0.56	C	0.56						
2	D-STF	PL	110* 10	800		0.35	C	0.35						
JL5-JL6							A	1.89	C	13.50				

APPROACH BRIDGE DIAPHRAGM D10 JL6-JL7														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	1895		0.87	A	0.87						
1	FLG	PL	230* 10	2811		1.29	A	1.29						
1	WEB	PL	800* 9	1911	85	2.60	A	2.60						
1	WEB	PL	800* 9	2827	85	3.84	A	3.84						
1	VSTF	PL	90* 9	503		0.09	A	0.09						
3	VSTF	PL	90* 9	503		0.27	A	0.27						
JL6-JL7							A	8.96						

APPROACH BRIDGE DIAPHRAGM D10 JL7-JL8														
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Caluculation of Steel Primer

(Unit: mm,m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
1	FLG	PL	230* 10	169		0.08	A	0.08						
1	FLG	PL	230* 10	630		0.29	A	0.29						
2	FLG	PL	111* 10	2546		1.13	A	1.13						
1	WEB	PL	803* 9	168		0.27	A	0.27						
1	WEB	PL	788* 9	609	55	0.53	A	0.53						
2	D-VSTF	PL	90* 9	503		0.18	C	0.18						
1	DIA	PL	2989* 9	2730	60	9.79	C	9.79						
2	D-STF	PL	100* 10	1413		0.57	C	0.57						
2	D-STF	PL	100* 10	1398		0.56	C	0.56						
2	D-STF	PL	110* 10	800		0.35	C	0.35						
JL7-JL8							A	2.30	C	11.45				

APPROACH BRIDGE DIAPHRAGM D10 JL8-RR1														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
1	FLG	PL	230* 10	1021		0.47	A	0.47						
1	WEB	PL	636* 9	1113	65	0.92	A	0.92						
1	VSTF	PL	90* 9	509		0.09	A	0.09						
JL8-RR1							A	1.48						
D10							A	28.52	C	49.90				

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DIAPHRAGM D11 LL1-JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1021		0.47	A	0.47				
1	WEB	PL	636* 9	1113	65	0.92	A	0.92				
1	VSTF	PL	90* 9	509		0.09	A	0.09				
LL1-JL1							A	1.48				

APPROACH BRIDGE DIAPHRAGM D11 JL1-JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	630		0.29	A	0.29				
1	FLG	PL	230* 10	168		0.08	A	0.08				
2	FLG	PL	111* 10	2546		1.13	A	1.13				
1	WEB	PL	788* 9	609	55	0.53	A	0.53				
1	WEB	PL	803* 9	168		0.27	A	0.27				
2	D-VSTF	PL	90* 9	503		0.18	C	0.18				
1	DIA	PL	2989* 9	2730	60	9.79	C	9.79				
2	D-STF	PL	100* 10	1413		0.57	C	0.57				
2	D-STF	PL	100* 10	1397		0.56	C	0.56				
2	D-STF	PL	110* 10	800		0.35	C	0.35				
JL1-JL2							A	2.30	C	11.45		

APPROACH BRIDGE DIAPHRAGM D11 JL2-JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1285		0.59	A	0.59				
1	WEB	PL	800* 9	1301	85	1.77	A	1.77				
1	VSTF	PL	90* 9	503		0.09	A	0.09				
JL2-JL3							A	2.45				

APPROACH BRIDGE DIAPHRAGM D11 JL3-JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08				
1	FLG	PL	230* 10	169		0.08	A	0.08				
2	FLG	PL	111* 10	2691		1.19	A	1.19				
1	WEB	PL	803* 9	169		0.27	A	0.27				
1	WEB	PL	803* 9	169		0.27	A	0.27				
2	D-VSTF	PL	90* 9	765		0.28	C	0.28				
1	DIA	PL	2690* 9	2727	80	11.74	C	11.74				

Caluculation of Steel Primer

(Unit: mm, m²)

2	D-STF	PL	100* 10	1413		0.57	C	0.57						
2	D-STF	PL	100* 10	1398		0.56	C	0.56						
2	D-STF	PL	110* 10	800		0.35	C	0.35						
JL3-JL4							A	1.89	C	13.50				

APPROACH BRIDGE DIAPHRAGM D11 JL4-JL5														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	2936		1.35	A	1.35						
1	WEB	PL	829* 9	2935	85	4.14	A	4.14						
2	VSTF	PL	90* 9	780		0.28	A	0.28						
JL4-JL5							A	5.77						

APPROACH BRIDGE DIAPHRAGM D11 JL5-JL6														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08						
1	FLG	PL	230* 10	169		0.08	A	0.08						
2	FLG	PL	111* 10	2691		1.19	A	1.19						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	WEB	PL	803* 9	169		0.27	A	0.27						
2	D-VSTF	PL	90* 9	765		0.28	C	0.28						
1	DIA	PL	2690* 9	2727	80	11.74	C	11.74						
2	D-STF	PL	100* 10	1413		0.57	C	0.57						
2	D-STF	PL	100* 10	1398		0.56	C	0.56						
2	D-STF	PL	110* 10	800		0.35	C	0.35						
JL5-JL6							A	1.89	C	13.50				

APPROACH BRIDGE DIAPHRAGM D11 JL6-JL7														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	1895		0.87	A	0.87						
1	FLG	PL	230* 10	2708		1.25	A	1.25						
1	WEB	PL	800* 9	1911	85	2.60	A	2.60						
1	WEB	PL	800* 9	2723	85	3.70	A	3.70						
1	VSTF	PL	90* 9	503		0.09	A	0.09						
3	VSTF	PL	90* 9	503		0.27	A	0.27						
JL6-JL7							A	8.78						

APPROACH BRIDGE DIAPHRAGM D11 JL7-JL8														
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Caluculation of Steel Primer

(Unit: mm,m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
1	FLG	PL	230* 10	169		0.08	A	0.08						
1	FLG	PL	230* 10	630		0.29	A	0.29						
2	FLG	PL	111* 10	2546		1.13	A	1.13						
1	WEB	PL	803* 9	168		0.27	A	0.27						
1	WEB	PL	788* 9	609	55	0.53	A	0.53						
2	D-VSTF	PL	90* 9	503		0.18	C	0.18						
1	DIA	PL	2989* 9	2730	60	9.79	C	9.79						
2	D-STF	PL	100* 10	1413		0.57	C	0.57						
2	D-STF	PL	100* 10	1398		0.56	C	0.56						
2	D-STF	PL	110* 10	800		0.35	C	0.35						
JL7-JL8							A	2.30	C	11.45				

APPROACH BRIDGE DIAPHRAGM D11 JL8-RR1														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
1	FLG	PL	230* 10	1021		0.47	A	0.47						
1	WEB	PL	636* 9	1113	65	0.92	A	0.92						
1	VSTF	PL	90* 9	509		0.09	A	0.09						
JL8-RR1							A	1.48						
D11							A	28.34	C	49.90				

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DIAPHRAGM D12 LL1-JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1021		0.47	A	0.47				
1	WEB	PL	636* 9	1113	65	0.92	A	0.92				
1	VSTF	PL	90* 9	509		0.09	A	0.09				
LL1-JL1							A	1.48				

APPROACH BRIDGE DIAPHRAGM D12 JL1-JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	630		0.29	A	0.29				
1	FLG	PL	230* 10	168		0.08	A	0.08				
2	FLG	PL	111* 10	2546		1.13	A	1.13				
1	WEB	PL	788* 9	609	55	0.53	A	0.53				
1	WEB	PL	803* 9	168		0.27	A	0.27				
2	D-VSTF	PL	90* 9	503		0.18	C	0.18				
1	DIA	PL	2989* 9	2730	60	9.79	C	9.79				
2	D-STF	PL	100* 10	1413		0.57	C	0.57				
2	D-STF	PL	100* 10	1397		0.56	C	0.56				
2	D-STF	PL	110* 10	800		0.35	C	0.35				
JL1-JL2							A	2.30	C	11.45		

APPROACH BRIDGE DIAPHRAGM D12 JL2-JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1285		0.59	A	0.59				
1	WEB	PL	800* 9	1301	85	1.77	A	1.77				
1	VSTF	PL	90* 9	503		0.09	A	0.09				
JL2-JL3							A	2.45				

APPROACH BRIDGE DIAPHRAGM D12 JL3-JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08				
1	FLG	PL	230* 10	169		0.08	A	0.08				
2	FLG	PL	111* 10	2691		1.19	A	1.19				
1	WEB	PL	803* 9	169		0.27	A	0.27				
1	WEB	PL	803* 9	169		0.27	A	0.27				
2	D-VSTF	PL	90* 9	765		0.28	C	0.28				
1	DIA	PL	2690* 9	2727	80	11.74	C	11.74				

Caluculation of Steel Primer

(Unit: mm, m²)

2	D-STF	PL	100* 10	1413		0.57	C	0.57						
2	D-STF	PL	100* 10	1398		0.56	C	0.56						
2	D-STF	PL	110* 10	800		0.35	C	0.35						
JL3-JL4							A	1.89	C	13.50				

APPROACH BRIDGE DIAPHRAGM D12 JL4-JL5														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	2936		1.35	A	1.35						
1	WEB	PL	829* 9	2935	85	4.14	A	4.14						
2	VSTF	PL	90* 9	780		0.28	A	0.28						
JL4-JL5							A	5.77						

APPROACH BRIDGE DIAPHRAGM D12 JL5-JL6														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08						
1	FLG	PL	230* 10	169		0.08	A	0.08						
2	FLG	PL	111* 10	2691		1.19	A	1.19						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	WEB	PL	803* 9	169		0.27	A	0.27						
2	D-VSTF	PL	90* 9	765		0.28	C	0.28						
1	DIA	PL	2690* 9	2727	80	11.74	C	11.74						
2	D-STF	PL	100* 10	1413		0.57	C	0.57						
2	D-STF	PL	100* 10	1398		0.56	C	0.56						
2	D-STF	PL	110* 10	800		0.35	C	0.35						
JL5-JL6							A	1.89	C	13.50				

APPROACH BRIDGE DIAPHRAGM D12 JL6-JL7														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	1895		0.87	A	0.87						
1	FLG	PL	230* 10	2650		1.22	A	1.22						
1	WEB	PL	800* 9	1911	85	2.60	A	2.60						
1	WEB	PL	800* 9	2665	85	3.62	A	3.62						
1	VSTF	PL	90* 9	503		0.09	A	0.09						
3	VSTF	PL	90* 9	503		0.27	A	0.27						
JL6-JL7							A	8.67						

APPROACH BRIDGE DIAPHRAGM D12 JL7-JL8														
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Caluculation of Steel Primer

(Unit: mm,m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
1	FLG	PL	230* 10	168		0.08	A	0.08						
1	FLG	PL	230* 10	630		0.29	A	0.29						
2	FLG	PL	111* 10	2546		1.13	A	1.13						
1	WEB	PL	803* 9	168		0.27	A	0.27						
1	WEB	PL	788* 9	609	55	0.53	A	0.53						
2	D-VSTF	PL	90* 9	503		0.18	C	0.18						
1	DIA	PL	2989* 9	2730	60	9.79	C	9.79						
2	D-STF	PL	100* 10	1413		0.57	C	0.57						
2	D-STF	PL	100* 10	1398		0.56	C	0.56						
2	D-STF	PL	110* 10	800		0.35	C	0.35						
JL7-JL8							A	2.30	C	11.45				

APPROACH BRIDGE DIAPHRAGM D12 JL8-RR1														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
1	FLG	PL	230* 10	1021		0.47	A	0.47						
1	WEB	PL	636* 9	1113	65	0.92	A	0.92						
1	VSTF	PL	90* 9	509		0.09	A	0.09						
JL8-RR1							A	1.48						
D12							A	28.23	C	49.90				

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DIAPHRAGM D13 LL1-JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1021		0.47	A	0.47				
1	WEB	PL	636* 9	1113	65	0.92	A	0.92				
1	VSTF	PL	90* 9	509		0.09	A	0.09				
LL1-JL1							A	1.48				

APPROACH BRIDGE DIAPHRAGM D13 JL1-JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	630		0.29	A	0.29				
1	FLG	PL	230* 10	168		0.08	A	0.08				
2	FLG	PL	111* 10	2546		1.13	A	1.13				
1	WEB	PL	788* 9	609	55	0.53	A	0.53				
1	WEB	PL	803* 9	168		0.27	A	0.27				
2	D-VSTF	PL	90* 9	503		0.18	C	0.18				
1	DIA	PL	2989* 9	2730	60	9.79	C	9.79				
2	D-STF	PL	100* 10	1413		0.57	C	0.57				
2	D-STF	PL	100* 10	1397		0.56	C	0.56				
2	D-STF	PL	110* 10	800		0.35	C	0.35				
JL1-JL2							A	2.30	C	11.45		

APPROACH BRIDGE DIAPHRAGM D13 JL2-JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1285		0.59	A	0.59				
1	WEB	PL	800* 9	1301	85	1.77	A	1.77				
1	VSTF	PL	90* 9	503		0.09	A	0.09				
JL2-JL3							A	2.45				

APPROACH BRIDGE DIAPHRAGM D13 JL3-JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08				
1	FLG	PL	230* 10	169		0.08	A	0.08				
2	FLG	PL	111* 10	2691		1.19	A	1.19				
1	WEB	PL	803* 9	169		0.27	A	0.27				
1	WEB	PL	803* 9	169		0.27	A	0.27				
2	D-VSTF	PL	90* 9	765		0.28	C	0.28				
1	DIA	PL	2690* 9	2727	80	11.74	C	11.74				

Caluculation of Steel Primer

(Unit: mm, m²)

2	D-STF	PL	100* 10	1413		0.57	C	0.57						
2	D-STF	PL	100* 10	1398		0.56	C	0.56						
2	D-STF	PL	110* 10	800		0.35	C	0.35						
JL3-JL4							A	1.89	C	13.50				

APPROACH BRIDGE DIAPHRAGM D13 JL4-JL5														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	2936		1.35	A	1.35						
1	WEB	PL	829* 9	2935	85	4.14	A	4.14						
2	VSTF	PL	90* 9	780		0.28	A	0.28						
JL4-JL5							A	5.77						

APPROACH BRIDGE DIAPHRAGM D13 JL5-JL6														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08						
1	FLG	PL	230* 10	169		0.08	A	0.08						
2	FLG	PL	111* 10	2691		1.19	A	1.19						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	WEB	PL	803* 9	169		0.27	A	0.27						
2	D-VSTF	PL	90* 9	765		0.28	C	0.28						
1	DIA	PL	2690* 9	2727	80	11.74	C	11.74						
2	D-STF	PL	100* 10	1413		0.57	C	0.57						
2	D-STF	PL	100* 10	1398		0.56	C	0.56						
2	D-STF	PL	110* 10	800		0.35	C	0.35						
JL5-JL6							A	1.89	C	13.50				

APPROACH BRIDGE DIAPHRAGM D13 JL6-JL7														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	1895		0.87	A	0.87						
1	FLG	PL	230* 10	2635		1.21	A	1.21						
1	WEB	PL	800* 9	1911	85	2.60	A	2.60						
1	WEB	PL	800* 9	2651	85	3.61	A	3.61						
1	VSTF	PL	90* 9	503		0.09	A	0.09						
3	VSTF	PL	90* 9	503		0.27	A	0.27						
JL6-JL7							A	8.65						

APPROACH BRIDGE DIAPHRAGM D13 JL7-JL8														
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Caluculation of Steel Primer

(Unit: mm,m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
1	FLG	PL	230* 10	168		0.08	A	0.08					
1	FLG	PL	230* 10	630		0.29	A	0.29					
2	FLG	PL	111* 10	2546		1.13	A	1.13					
1	WEB	PL	803* 9	168		0.27	A	0.27					
1	WEB	PL	788* 9	609	55	0.53	A	0.53					
2	D-VSTF	PL	90* 9	503		0.18	C	0.18					
1	DIA	PL	2989* 9	2730	60	9.79	C	9.79					
2	D-STF	PL	100* 10	1413		0.57	C	0.57					
2	D-STF	PL	100* 10	1398		0.56	C	0.56					
2	D-STF	PL	110* 10	800		0.35	C	0.35					
JL7-JL8							A	2.30	C	11.45			

APPROACH BRIDGE DIAPHRAGM D13 JL8-RR1													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
1	FLG	PL	230* 10	1021		0.47	A	0.47					
1	WEB	PL	636* 9	1113	65	0.92	A	0.92					
1	VSTF	PL	90* 9	509		0.09	A	0.09					
JL8-RR1							A	1.48					
D13							A	28.21	C	49.90			

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DIAPHRAGM D14 LL1-JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1021		0.47	A	0.47				
1	WEB	PL	636* 9	1113	65	0.92	A	0.92				
1	VSTF	PL	90* 9	509		0.09	A	0.09				
LL1-JL1							A	1.48				

APPROACH BRIDGE DIAPHRAGM D14 JL1-JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	630		0.29	A	0.29				
1	FLG	PL	230* 10	168		0.08	A	0.08				
2	FLG	PL	111* 10	2546		1.13	A	1.13				
1	WEB	PL	788* 9	609	55	0.53	A	0.53				
1	WEB	PL	803* 9	168		0.27	A	0.27				
2	D-VSTF	PL	90* 9	503		0.18	C	0.18				
1	DIA	PL	2989* 9	2730	60	9.79	C	9.79				
2	D-STF	PL	100* 10	1413		0.57	C	0.57				
2	D-STF	PL	100* 10	1397		0.56	C	0.56				
2	D-STF	PL	110* 10	800		0.35	C	0.35				
JL1-JL2							A	2.30	C	11.45		

APPROACH BRIDGE DIAPHRAGM D14 JL2-JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1285		0.59	A	0.59				
1	WEB	PL	800* 9	1301	85	1.77	A	1.77				
1	VSTF	PL	90* 9	503		0.09	A	0.09				
JL2-JL3							A	2.45				

APPROACH BRIDGE DIAPHRAGM D14 JL3-JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08				
1	FLG	PL	230* 10	169		0.08	A	0.08				
2	FLG	PL	111* 10	2691		1.19	A	1.19				
1	WEB	PL	803* 9	169		0.27	A	0.27				
1	WEB	PL	803* 9	169		0.27	A	0.27				
2	D-VSTF	PL	90* 9	765		0.28	C	0.28				
1	DIA	PL	2690* 9	2727	80	11.74	C	11.74				

Caluculation of Steel Primer

(Unit: mm, m²)

2	D-STF	PL	100* 10	1413		0.57	C	0.57						
2	D-STF	PL	100* 10	1398		0.56	C	0.56						
2	D-STF	PL	110* 10	800		0.35	C	0.35						
JL3-JL4							A	1.89	C	13.50				

APPROACH BRIDGE DIAPHRAGM D14 JL4-JL5														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	2936		1.35	A	1.35						
1	WEB	PL	829* 9	2935	85	4.14	A	4.14						
2	VSTF	PL	90* 9	780		0.28	A	0.28						
JL4-JL5							A	5.77						

APPROACH BRIDGE DIAPHRAGM D14 JL5-JL6														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08						
1	FLG	PL	230* 10	169		0.08	A	0.08						
2	FLG	PL	111* 10	2691		1.19	A	1.19						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	WEB	PL	803* 9	169		0.27	A	0.27						
2	D-VSTF	PL	90* 9	765		0.28	C	0.28						
1	DIA	PL	2690* 9	2727	80	11.74	C	11.74						
2	D-STF	PL	100* 10	1413		0.57	C	0.57						
2	D-STF	PL	100* 10	1398		0.56	C	0.56						
2	D-STF	PL	110* 10	800		0.35	C	0.35						
JL5-JL6							A	1.89	C	13.50				

APPROACH BRIDGE DIAPHRAGM D14 JL6-JL7														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	1895		0.87	A	0.87						
1	FLG	PL	230* 10	2181		1.00	A	1.00						
1	WEB	PL	800* 9	1911	85	2.60	A	2.60						
1	WEB	PL	800* 9	2197	85	2.99	A	2.99						
1	VSTF	PL	90* 9	503		0.09	A	0.09						
3	VSTF	PL	90* 9	503		0.27	A	0.27						
JL6-JL7							A	7.82						

APPROACH BRIDGE DIAPHRAGM D14 JL7-JL8														
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Caluculation of Steel Primer

(Unit: mm,m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
1	FLG	PL	230* 10	176		0.08	A	0.08						
1	FLG	PL	230* 10	630		0.29	A	0.29						
2	FLG	PL	111* 10	2546		1.13	A	1.13						
1	WEB	PL	803* 9	168		0.27	A	0.27						
1	WEB	PL	788* 9	609	55	0.53	A	0.53						
2	D-VSTF	PL	90* 9	503		0.18	C	0.18						
1	DIA	PL	2989* 9	2730	60	9.79	C	9.79						
2	D-STF	PL	100* 10	1413		0.57	C	0.57						
2	D-STF	PL	100* 10	1398		0.56	C	0.56						
2	D-STF	PL	110* 10	800		0.35	C	0.35						
JL7-JL8							A	2.30	C	11.45				

APPROACH BRIDGE DIAPHRAGM D14 JL8-RR1														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
1	FLG	PL	230* 10	1021		0.47	A	0.47						
1	WEB	PL	636* 9	1113	65	0.92	A	0.92						
1	VSTF	PL	90* 9	509		0.09	A	0.09						
JL8-RR1							A	1.48						
D14							A	27.38	C	49.90				

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DIAPHRAGM D15 LL1-JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1021		0.47	A	0.47				
1	WEB	PL	636* 9	1113	65	0.92	A	0.92				
1	VSTF	PL	90* 9	509		0.09	A	0.09				
LL1-JL1							A	1.48				

APPROACH BRIDGE DIAPHRAGM D15 JL1-JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	630		0.29	A	0.29				
1	FLG	PL	230* 10	168		0.08	A	0.08				
2	FLG	PL	111* 10	2546		1.13	A	1.13				
1	WEB	PL	788* 9	609	55	0.53	A	0.53				
1	WEB	PL	803* 9	168		0.27	A	0.27				
2	D-VSTF	PL	90* 9	503		0.18	C	0.18				
1	DIA	PL	2989* 9	2730	60	9.79	C	9.79				
2	D-STF	PL	100* 10	1413		0.57	C	0.57				
2	D-STF	PL	100* 10	1397		0.56	C	0.56				
2	D-STF	PL	110* 10	800		0.35	C	0.35				
JL1-JL2							A	2.30	C	11.45		

APPROACH BRIDGE DIAPHRAGM D15 JL2-JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1285		0.59	A	0.59				
1	WEB	PL	800* 9	1301	85	1.77	A	1.77				
1	VSTF	PL	90* 9	503		0.09	A	0.09				
JL2-JL3							A	2.45				

APPROACH BRIDGE DIAPHRAGM D15 JL3-JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08				
1	FLG	PL	230* 10	169		0.08	A	0.08				
2	FLG	PL	111* 10	2691		1.19	A	1.19				
1	WEB	PL	803* 9	169		0.27	A	0.27				
1	WEB	PL	803* 9	169		0.27	A	0.27				
2	D-VSTF	PL	90* 9	765		0.28	C	0.28				
1	DIA	PL	2690* 9	2727	80	11.74	C	11.74				

Caluculation of Steel Primer

(Unit: mm, m²)

2	D-STF	PL	100* 10	1413		0.57	C	0.57						
2	D-STF	PL	100* 10	1398		0.56	C	0.56						
2	D-STF	PL	110* 10	800		0.35	C	0.35						
JL3-JL4							A	1.89	C	13.50				

APPROACH BRIDGE DIAPHRAGM D15 JL4-JL5														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	2936		1.35	A	1.35						
1	WEB	PL	829* 9	2935	85	4.14	A	4.14						
2	VSTF	PL	90* 9	780		0.28	A	0.28						
JL4-JL5							A	5.77						

APPROACH BRIDGE DIAPHRAGM D15 JL5-JL6														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08						
1	FLG	PL	230* 10	169		0.08	A	0.08						
2	FLG	PL	111* 10	2691		1.19	A	1.19						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	WEB	PL	803* 9	169		0.27	A	0.27						
2	D-VSTF	PL	90* 9	765		0.28	C	0.28						
1	DIA	PL	2690* 9	2727	80	11.74	C	11.74						
2	D-STF	PL	100* 10	1413		0.57	C	0.57						
2	D-STF	PL	100* 10	1398		0.56	C	0.56						
2	D-STF	PL	110* 10	800		0.35	C	0.35						
JL5-JL6							A	1.89	C	13.50				

APPROACH BRIDGE DIAPHRAGM D15 JL6-JL7														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	1895		0.87	A	0.87						
1	FLG	PL	230* 10	1487		0.68	A	0.68						
1	WEB	PL	800* 9	1911	85	2.60	A	2.60						
1	WEB	PL	800* 9	1503	85	2.04	A	2.04						
1	VSTF	PL	90* 9	503		0.09	A	0.09						
3	VSTF	PL	90* 9	503		0.27	A	0.27						
JL6-JL7							A	6.55						

APPROACH BRIDGE DIAPHRAGM D15 JL7-JL8														
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Caluculation of Steel Primer

(Unit: mm,m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
1	FLG	PL	230* 10	176		0.08	A	0.08						
1	FLG	PL	230* 10	630		0.29	A	0.29						
2	FLG	PL	111* 10	2546		1.13	A	1.13						
1	WEB	PL	803* 9	168		0.27	A	0.27						
1	WEB	PL	788* 9	609	55	0.53	A	0.53						
2	D-VSTF	PL	90* 9	503		0.18	C	0.18						
1	DIA	PL	2989* 9	2730	60	9.79	C	9.79						
2	D-STF	PL	100* 10	1413		0.57	C	0.57						
2	D-STF	PL	100* 10	1398		0.56	C	0.56						
2	D-STF	PL	110* 10	800		0.35	C	0.35						
JL7-JL8							A	2.30	C	11.45				

APPROACH BRIDGE DIAPHRAGM D15 JL8-RR1														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
1	FLG	PL	230* 10	1021		0.47	A	0.47						
1	WEB	PL	636* 9	1113	65	0.92	A	0.92						
1	VSTF	PL	90* 9	509		0.09	A	0.09						
JL8-RR1							A	1.48						
D15							A	26.11	C	49.90				

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DIAPHRAGM D16 LL1-JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1021		0.47	A	0.47				
1	WEB	PL	636* 9	1113	65	0.92	A	0.92				
1	VSTF	PL	90* 9	509		0.09	A	0.09				
LL1-JL1							A	1.48				

APPROACH BRIDGE DIAPHRAGM D16 JL1-JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	627		0.29	A	0.29				
1	FLG	PL	230* 10	166		0.08	A	0.08				
2	FLG	PL	111* 10	2546		1.13	A	1.13				
1	WEB	PL	787* 9	606	55	0.52	A	0.52				
1	WEB	PL	803* 9	166		0.27	A	0.27				
2	D-VSTF	PL	90* 9	503		0.18	C	0.18				
1	DIA	PL	2989* 9	2730	60	9.79	C	9.79				
2	D-STF	PL	100* 10	1413		0.57	C	0.57				
2	D-STF	PL	100* 10	1397		0.56	C	0.56				
2	D-STF	PL	110* 10	800		0.35	C	0.35				
JL1-JL2							A	2.29	C	11.45		

APPROACH BRIDGE DIAPHRAGM D16 JL2-JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1285		0.59	A	0.59				
1	WEB	PL	800* 9	1301	85	1.77	A	1.77				
1	VSTF	PL	90* 9	503		0.09	A	0.09				
JL2-JL3							A	2.45				

APPROACH BRIDGE DIAPHRAGM D16 JL3-JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08				
1	FLG	PL	230* 10	169		0.08	A	0.08				
2	FLG	PL	111* 10	2691		1.19	A	1.19				
1	WEB	PL	803* 9	169		0.27	A	0.27				
1	WEB	PL	803* 9	169		0.27	A	0.27				
2	D-VSTF	PL	90* 9	765		0.28	C	0.28				
1	DIA	PL	2690* 9	2727	80	11.74	C	11.74				

Caluculation of Steel Primer

(Unit: mm, m²)

2	D-STF	PL	100* 10	1413		0.57	C	0.57						
2	D-STF	PL	100* 10	1398		0.56	C	0.56						
2	D-STF	PL	110* 10	800		0.35	C	0.35						
JL3-JL4							A	1.89	C	13.50				

APPROACH BRIDGE DIAPHRAGM D16 JL4-JL5														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	2936		1.35	A	1.35						
1	WEB	PL	829* 9	2935	85	4.14	A	4.14						
2	VSTF	PL	90* 9	780		0.28	A	0.28						
JL4-JL5							A	5.77						

APPROACH BRIDGE DIAPHRAGM D16 JL5-JL6														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08						
1	FLG	PL	230* 10	169		0.08	A	0.08						
2	FLG	PL	111* 10	2691		1.19	A	1.19						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	WEB	PL	803* 9	169		0.27	A	0.27						
2	D-VSTF	PL	90* 9	765		0.28	C	0.28						
1	DIA	PL	2690* 9	2727	80	11.74	C	11.74						
2	D-STF	PL	100* 10	1413		0.57	C	0.57						
2	D-STF	PL	100* 10	1398		0.56	C	0.56						
2	D-STF	PL	110* 10	800		0.35	C	0.35						
JL5-JL6							A	1.89	C	13.50				

APPROACH BRIDGE DIAPHRAGM D16 JL6-JL7														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	2700		1.24	A	1.24						
1	WEB	PL	800* 9	2710	85	3.69	A	3.69						
1	VSTF	PL	90* 9	503		0.09	A	0.09						
JL6-JL7							A	5.02						

APPROACH BRIDGE DIAPHRAGM D16 JL7-JL8														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	174		0.08	A	0.08						

Caluculation of Steel Primer

(Unit: mm,m²)

1	FLG	PL	230* 10	627		0.29	A	0.29							
2	FLG	PL	111* 10	2546		1.13	A	1.13							
1	WEB	PL	803* 9	166		0.27	A	0.27							
1	WEB	PL	787* 9	606	55	0.52	A	0.52							
2	D-VSTF	PL	90* 9	503		0.18	C	0.18							
1	DIA	PL	2989* 9	2730	60	9.79	C	9.79							
2	D-STF	PL	100* 10	1413		0.57	C	0.57							
2	D-STF	PL	100* 10	1398		0.56	C	0.56							
2	D-STF	PL	110* 10	800		0.35	C	0.35							
JL7-JL8							A	2.29	C	11.45					

APPROACH BRIDGE DIAPHRAGM D16 JL8-RR1														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	FLG	PL	230* 10	1021		0.47	A	0.47						
1	WEB	PL	636* 9	1113	65	0.92	A	0.92						
1	VSTF	PL	90* 9	509		0.09	A	0.09						
JL8-RR1							A	1.48						
D16							A	24.56	C	49.90				

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DIAPHRAGM D17 LL1-JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1021		0.47	A	0.47				
1	WEB	PL	636* 9	1113	65	0.92	A	0.92				
1	VSTF	PL	90* 9	509		0.09	A	0.09				
LL1-JL1							A	1.48				

APPROACH BRIDGE DIAPHRAGM D17 JL1-JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	627		0.29	A	0.29				
1	FLG	PL	230* 10	166		0.08	A	0.08				
2	FLG	PL	111* 10	2546		1.13	A	1.13				
1	WEB	PL	787* 9	606	55	0.52	A	0.52				
1	WEB	PL	803* 9	166		0.27	A	0.27				
2	D-VSTF	PL	90* 9	503		0.18	C	0.18				
1	DIA	PL	2989* 9	2730	60	9.79	C	9.79				
2	D-STF	PL	100* 10	1413		0.57	C	0.57				
2	D-STF	PL	100* 10	1397		0.56	C	0.56				
2	D-STF	PL	110* 10	800		0.35	C	0.35				
JL1-JL2							A	2.29	C	11.45		

APPROACH BRIDGE DIAPHRAGM D17 JL2-JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1285		0.59	A	0.59				
1	WEB	PL	800* 9	1301	85	1.77	A	1.77				
1	VSTF	PL	90* 9	503		0.09	A	0.09				
JL2-JL3							A	2.45				

APPROACH BRIDGE DIAPHRAGM D17 JL3-JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08				
1	FLG	PL	230* 10	169		0.08	A	0.08				
2	FLG	PL	111* 10	2691		1.19	A	1.19				
1	WEB	PL	803* 9	169		0.27	A	0.27				
1	WEB	PL	803* 9	169		0.27	A	0.27				
2	D-VSTF	PL	90* 9	765		0.28	C	0.28				
1	DIA	PL	2690* 9	2727	80	11.74	C	11.74				

Caluculation of Steel Primer

(Unit: mm, m²)

2	D-STF	PL	100* 10	1413		0.57	C	0.57						
2	D-STF	PL	100* 10	1398		0.56	C	0.56						
2	D-STF	PL	110* 10	800		0.35	C	0.35						
JL3-JL4							A	1.89	C	13.50				

APPROACH BRIDGE DIAPHRAGM D17 JL4-JL5														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	2936		1.35	A	1.35						
1	WEB	PL	829* 9	2935	85	4.14	A	4.14						
2	VSTF	PL	90* 9	780		0.28	A	0.28						
JL4-JL5							A	5.77						

APPROACH BRIDGE DIAPHRAGM D17 JL5-JL6														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08						
1	FLG	PL	230* 10	169		0.08	A	0.08						
2	FLG	PL	111* 10	2691		1.19	A	1.19						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	WEB	PL	803* 9	169		0.27	A	0.27						
2	D-VSTF	PL	90* 9	765		0.28	C	0.28						
1	DIA	PL	2690* 9	2727	80	11.74	C	11.74						
2	D-STF	PL	100* 10	1413		0.57	C	0.57						
2	D-STF	PL	100* 10	1398		0.56	C	0.56						
2	D-STF	PL	110* 10	800		0.35	C	0.35						
JL5-JL6							A	1.89	C	13.50				

APPROACH BRIDGE DIAPHRAGM D17 JL6-JL7														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	2037		0.94	A	0.94						
1	WEB	PL	800* 9	2048	85	2.79	A	2.79						
1	VSTF	PL	90* 9	503		0.09	A	0.09						
JL6-JL7							A	3.82						

APPROACH BRIDGE DIAPHRAGM D17 JL7-JL8														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	174		0.08	A	0.08						

Caluculation of Steel Primer

(Unit: mm,m²)

1	FLG	PL	230* 10	627		0.29	A	0.29							
2	FLG	PL	111* 10	2546		1.13	A	1.13							
1	WEB	PL	803* 9	166		0.27	A	0.27							
1	WEB	PL	787* 9	606	55	0.52	A	0.52							
2	D-VSTF	PL	90* 9	503		0.18	C	0.18							
1	DIA	PL	2989* 9	2730	60	9.79	C	9.79							
2	D-STF	PL	100* 10	1413		0.57	C	0.57							
2	D-STF	PL	100* 10	1398		0.56	C	0.56							
2	D-STF	PL	110* 10	800		0.35	C	0.35							
JL7-JL8							A	2.29	C	11.45					

APPROACH BRIDGE DIAPHRAGM D17 JL8-RR1														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	FLG	PL	230* 10	1021		0.47	A	0.47						
1	WEB	PL	636* 9	1113	65	0.92	A	0.92						
1	VSTF	PL	90* 9	509		0.09	A	0.09						
JL8-RR1							A	1.48						
D17							A	23.36	C	49.90				

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DIAPHRAGM D18 LL1-JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1021		0.47	A	0.47				
1	WEB	PL	636* 9	1113	65	0.92	A	0.92				
1	VSTF	PL	90* 9	509		0.09	A	0.09				
LL1-JL1							A	1.48				

APPROACH BRIDGE DIAPHRAGM D18 JL1-JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	630		0.29	A	0.29				
1	FLG	PL	230* 10	168		0.08	A	0.08				
2	FLG	PL	111* 10	2546		1.13	A	1.13				
1	WEB	PL	788* 9	609	55	0.53	A	0.53				
1	WEB	PL	803* 9	168		0.27	A	0.27				
2	D-VSTF	PL	90* 9	503		0.18	C	0.18				
1	DIA	PL	2989* 9	2730	60	9.79	C	9.79				
2	D-STF	PL	100* 10	1413		0.57	C	0.57				
2	D-STF	PL	100* 10	1397		0.56	C	0.56				
2	D-STF	PL	110* 10	800		0.35	C	0.35				
JL1-JL2							A	2.30	C	11.45		

APPROACH BRIDGE DIAPHRAGM D18 JL2-JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1285		0.59	A	0.59				
1	WEB	PL	800* 9	1301	85	1.77	A	1.77				
1	VSTF	PL	90* 9	503		0.09	A	0.09				
JL2-JL3							A	2.45				

APPROACH BRIDGE DIAPHRAGM D18 JL3-JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08				
1	FLG	PL	230* 10	169		0.08	A	0.08				
2	FLG	PL	111* 10	2691		1.19	A	1.19				
1	WEB	PL	803* 9	169		0.27	A	0.27				
1	WEB	PL	803* 9	169		0.27	A	0.27				
2	D-VSTF	PL	90* 9	765		0.28	C	0.28				
1	DIA	PL	2690* 9	2727	80	11.74	C	11.74				

Caluculation of Steel Primer

(Unit: mm, m²)

2	D-STF	PL	100* 10	1413		0.57	C	0.57						
2	D-STF	PL	100* 10	1398		0.56	C	0.56						
2	D-STF	PL	110* 10	800		0.35	C	0.35						
JL3-JL4							A	1.89	C	13.50				

APPROACH BRIDGE DIAPHRAGM D18 JL4-JL5														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	2936		1.35	A	1.35						
1	WEB	PL	829* 9	2935	85	4.14	A	4.14						
2	VSTF	PL	90* 9	780		0.28	A	0.28						
JL4-JL5							A	5.77						

APPROACH BRIDGE DIAPHRAGM D18 JL5-JL6														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08						
1	FLG	PL	230* 10	169		0.08	A	0.08						
2	FLG	PL	111* 10	2691		1.19	A	1.19						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	WEB	PL	803* 9	169		0.27	A	0.27						
2	D-VSTF	PL	90* 9	765		0.28	C	0.28						
1	DIA	PL	2690* 9	2727	80	11.74	C	11.74						
2	D-STF	PL	100* 10	1413		0.57	C	0.57						
2	D-STF	PL	100* 10	1398		0.56	C	0.56						
2	D-STF	PL	110* 10	800		0.35	C	0.35						
JL5-JL6							A	1.89	C	13.50				

APPROACH BRIDGE DIAPHRAGM D18 JL6-JL7														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	1376		0.63	A	0.63						
1	WEB	PL	800* 9	1387	85	1.89	A	1.89						
1	VSTF	PL	90* 9	503		0.09	A	0.09						
JL6-JL7							A	2.61						

APPROACH BRIDGE DIAPHRAGM D18 JL7-JL8														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	176		0.08	A	0.08						

Caluculation of Steel Primer

(Unit: mm,m²)

1	FLG	PL	230* 10	630		0.29	A	0.29						
2	FLG	PL	111* 10	2546		1.13	A	1.13						
1	WEB	PL	803* 9	168		0.27	A	0.27						
1	WEB	PL	788* 9	609	55	0.53	A	0.53						
2	D-VSTF	PL	90* 9	503		0.18	C	0.18						
1	DIA	PL	2989* 9	2730	60	9.79	C	9.79						
2	D-STF	PL	100* 10	1413		0.57	C	0.57						
2	D-STF	PL	100* 10	1398		0.56	C	0.56						
2	D-STF	PL	110* 10	800		0.35	C	0.35						
JL7-JL8							A	2.30	C	11.45				

APPROACH BRIDGE DIAPHRAGM D18 JL8-RR1														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	FLG	PL	230* 10	1021		0.47	A	0.47						
1	WEB	PL	636* 9	1113	65	0.92	A	0.92						
1	VSTF	PL	90* 9	509		0.09	A	0.09						
JL8-RR1							A	1.48						
D18							A	22.17	C	49.90				

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DIAPHRAGM D19 LL1-JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1021		0.47	A	0.47				
1	WEB	PL	636* 9	1113	65	0.92	A	0.92				
1	VSTF	PL	90* 9	509		0.09	A	0.09				
LL1-JL1							A	1.48				

APPROACH BRIDGE DIAPHRAGM D19 JL1-JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	630		0.29	A	0.29				
1	FLG	PL	230* 10	168		0.08	A	0.08				
2	FLG	PL	111* 10	2546		1.13	A	1.13				
1	WEB	PL	788* 9	609	55	0.53	A	0.53				
1	WEB	PL	803* 9	168		0.27	A	0.27				
2	D-VSTF	PL	90* 9	503		0.18	C	0.18				
1	DIA	PL	2989* 9	2730	60	9.79	C	9.79				
2	D-STF	PL	100* 10	1413		0.57	C	0.57				
2	D-STF	PL	100* 10	1397		0.56	C	0.56				
2	D-STF	PL	110* 10	800		0.35	C	0.35				
JL1-JL2							A	2.30	C	11.45		

APPROACH BRIDGE DIAPHRAGM D19 JL2-JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1285		0.59	A	0.59				
1	WEB	PL	800* 9	1301	85	1.77	A	1.77				
1	VSTF	PL	90* 9	503		0.09	A	0.09				
JL2-JL3							A	2.45				

APPROACH BRIDGE DIAPHRAGM D19 JL3-JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08				
1	FLG	PL	230* 10	169		0.08	A	0.08				
2	FLG	PL	111* 10	2691		1.19	A	1.19				
1	WEB	PL	803* 9	169		0.27	A	0.27				
1	WEB	PL	803* 9	169		0.27	A	0.27				
2	D-VSTF	PL	90* 9	765		0.28	C	0.28				
1	DIA	PL	2690* 9	2727	80	11.74	C	11.74				

Caluculation of Steel Primer

(Unit: mm, m²)

2	D-STF	PL	100* 10	1413		0.57	C	0.57						
2	D-STF	PL	100* 10	1398		0.56	C	0.56						
2	D-STF	PL	110* 10	800		0.35	C	0.35						
JL3-JL4							A	1.89	C	13.50				

APPROACH BRIDGE DIAPHRAGM D19 JL4-JL5														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	2936		1.35	A	1.35						
1	WEB	PL	829* 9	2935	85	4.14	A	4.14						
2	VSTF	PL	90* 9	780		0.28	A	0.28						
JL4-JL5							A	5.77						

APPROACH BRIDGE DIAPHRAGM D19 JL5-JL6														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08						
1	FLG	PL	230* 10	169		0.08	A	0.08						
2	FLG	PL	111* 10	2691		1.19	A	1.19						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	WEB	PL	803* 9	169		0.27	A	0.27						
2	D-VSTF	PL	90* 9	765		0.28	C	0.28						
1	DIA	PL	2690* 9	2727	80	11.74	C	11.74						
2	D-STF	PL	100* 10	1413		0.57	C	0.57						
2	D-STF	PL	100* 10	1398		0.56	C	0.56						
2	D-STF	PL	110* 10	800		0.35	C	0.35						
JL5-JL6							A	1.89	C	13.50				

APPROACH BRIDGE DIAPHRAGM D19 JL6-JL7														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	1285		0.59	A	0.59						
1	WEB	PL	800* 9	1296	85	1.76	A	1.76						
1	VSTF	PL	90* 9	503		0.09	A	0.09						
JL6-JL7							A	2.44						

APPROACH BRIDGE DIAPHRAGM D19 JL7-JL8														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	168		0.08	A	0.08						

Caluculation of Steel Primer

(Unit: mm,m²)

1	FLG	PL	230* 10	630		0.29	A	0.29						
2	FLG	PL	111* 10	2546		1.13	A	1.13						
1	WEB	PL	803* 9	168		0.27	A	0.27						
1	WEB	PL	788* 9	609	55	0.53	A	0.53						
2	D-VSTF	PL	90* 9	503		0.18	C	0.18						
1	DIA	PL	2989* 9	2730	60	9.79	C	9.79						
2	D-STF	PL	100* 10	1413		0.57	C	0.57						
2	D-STF	PL	100* 10	1398		0.56	C	0.56						
2	D-STF	PL	110* 10	800		0.35	C	0.35						
JL7-JL8							A	2.30	C	11.45				

APPROACH BRIDGE DIAPHRAGM D19 JL8-RR1														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	FLG	PL	230* 10	1021		0.47	A	0.47						
1	WEB	PL	636* 9	1113	65	0.92	A	0.92						
1	VSTF	PL	90* 9	509		0.09	A	0.09						
JL8-RR1							A	1.48						
D19							A	22.00	C	49.90				

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DIAPHRAGM D20 LL1-JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1021		0.47	A	0.47				
1	WEB	PL	636* 9	1113	65	0.92	A	0.92				
1	VSTF	PL	90* 9	509		0.09	A	0.09				
LL1-JL1							A	1.48				

APPROACH BRIDGE DIAPHRAGM D20 JL1-JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	630		0.29	A	0.29				
1	FLG	PL	230* 10	168		0.08	A	0.08				
2	FLG	PL	111* 10	2546		1.13	A	1.13				
1	WEB	PL	788* 9	609	55	0.53	A	0.53				
1	WEB	PL	803* 9	168		0.27	A	0.27				
2	D-VSTF	PL	90* 9	503		0.18	C	0.18				
1	DIA	PL	2989* 9	2730	60	9.79	C	9.79				
2	D-STF	PL	100* 10	1413		0.57	C	0.57				
2	D-STF	PL	100* 10	1397		0.56	C	0.56				
2	D-STF	PL	110* 10	800		0.35	C	0.35				
JL1-JL2							A	2.30	C	11.45		

APPROACH BRIDGE DIAPHRAGM D20 JL2-JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1285		0.59	A	0.59				
1	WEB	PL	800* 9	1301	85	1.77	A	1.77				
1	VSTF	PL	90* 9	503		0.09	A	0.09				
JL2-JL3							A	2.45				

APPROACH BRIDGE DIAPHRAGM D20 JL3-JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08				
1	FLG	PL	230* 10	169		0.08	A	0.08				
2	FLG	PL	111* 10	2691		1.19	A	1.19				
1	WEB	PL	803* 9	169		0.27	A	0.27				
1	WEB	PL	803* 9	169		0.27	A	0.27				
2	D-VSTF	PL	90* 9	765		0.28	C	0.28				
1	DIA	PL	2690* 9	2727	80	11.74	C	11.74				

Caluculation of Steel Primer

(Unit: mm, m²)

2	D-STF	PL	100* 10	1413		0.57	C	0.57						
2	D-STF	PL	100* 10	1398		0.56	C	0.56						
2	D-STF	PL	110* 10	800		0.35	C	0.35						
JL3-JL4							A	1.89	C	13.50				

APPROACH BRIDGE DIAPHRAGM D20 JL4-JL5														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	2936		1.35	A	1.35						
1	WEB	PL	829* 9	2935	85	4.14	A	4.14						
2	VSTF	PL	90* 9	780		0.28	A	0.28						
JL4-JL5							A	5.77						

APPROACH BRIDGE DIAPHRAGM D20 JL5-JL6														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08						
1	FLG	PL	230* 10	169		0.08	A	0.08						
2	FLG	PL	111* 10	2691		1.19	A	1.19						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	WEB	PL	803* 9	169		0.27	A	0.27						
2	D-VSTF	PL	90* 9	765		0.28	C	0.28						
1	DIA	PL	2690* 9	2727	80	11.74	C	11.74						
2	D-STF	PL	100* 10	1413		0.57	C	0.57						
2	D-STF	PL	100* 10	1398		0.56	C	0.56						
2	D-STF	PL	110* 10	800		0.35	C	0.35						
JL5-JL6							A	1.89	C	13.50				

APPROACH BRIDGE DIAPHRAGM D20 JL6-JL7														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	1285		0.59	A	0.59						
1	WEB	PL	800* 9	1296	85	1.76	A	1.76						
1	VSTF	PL	90* 9	503		0.09	A	0.09						
JL6-JL7							A	2.44						

APPROACH BRIDGE DIAPHRAGM D20 JL7-JL8														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	168		0.08	A	0.08						

Caluculation of Steel Primer

(Unit: mm,m²)

1	FLG	PL	230* 10	630		0.29	A	0.29						
2	FLG	PL	111* 10	2546		1.13	A	1.13						
1	WEB	PL	803* 9	168		0.27	A	0.27						
1	WEB	PL	788* 9	609	55	0.53	A	0.53						
2	D-VSTF	PL	90* 9	503		0.18	C	0.18						
1	DIA	PL	2989* 9	2730	60	9.79	C	9.79						
2	D-STF	PL	100* 10	1413		0.57	C	0.57						
2	D-STF	PL	100* 10	1398		0.56	C	0.56						
2	D-STF	PL	110* 10	800		0.35	C	0.35						
JL7-JL8							A	2.30	C	11.45				

APPROACH BRIDGE DIAPHRAGM D20 JL8-RR1														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	FLG	PL	230* 10	1021		0.47	A	0.47						
1	WEB	PL	636* 9	1113	65	0.92	A	0.92						
1	VSTF	PL	90* 9	509		0.09	A	0.09						
JL8-RR1							A	1.48						
D20							A	22.00	C	49.90				

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DIAPHRAGM D21 LL1-JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1021		0.47	A	0.47				
1	WEB	PL	636* 9	1113	65	0.92	A	0.92				
1	VSTF	PL	90* 9	509		0.09	A	0.09				
LL1-JL1							A	1.48				

APPROACH BRIDGE DIAPHRAGM D21 JL1-JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	627		0.29	A	0.29				
1	FLG	PL	230* 10	166		0.08	A	0.08				
2	FLG	PL	111* 10	2546		1.13	A	1.13				
1	WEB	PL	787* 9	606	55	0.52	A	0.52				
1	WEB	PL	803* 9	166		0.27	A	0.27				
2	D-VSTF	PL	90* 9	503		0.18	C	0.18				
1	DIA	PL	2989* 9	2730	60	9.79	C	9.79				
2	D-STF	PL	100* 10	1413		0.57	C	0.57				
2	D-STF	PL	100* 10	1397		0.56	C	0.56				
2	D-STF	PL	110* 10	800		0.35	C	0.35				
JL1-JL2							A	2.29	C	11.45		

APPROACH BRIDGE DIAPHRAGM D21 JL2-JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1285		0.59	A	0.59				
1	WEB	PL	800* 9	1301	85	1.77	A	1.77				
1	VSTF	PL	90* 9	503		0.09	A	0.09				
JL2-JL3							A	2.45				

APPROACH BRIDGE DIAPHRAGM D21 JL3-JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08				
1	FLG	PL	230* 10	169		0.08	A	0.08				
2	FLG	PL	111* 10	2691		1.19	A	1.19				
1	WEB	PL	803* 9	169		0.27	A	0.27				
1	WEB	PL	803* 9	169		0.27	A	0.27				
2	D-VSTF	PL	90* 9	765		0.28	C	0.28				
1	DIA	PL	2690* 9	2727	80	11.74	C	11.74				

Caluculation of Steel Primer

(Unit: mm, m²)

2	D-STF	PL	100* 10	1413		0.57	C	0.57						
2	D-STF	PL	100* 10	1398		0.56	C	0.56						
2	D-STF	PL	110* 10	800		0.35	C	0.35						
JL3-JL4							A	1.89	C	13.50				

APPROACH BRIDGE DIAPHRAGM D21 JL4-JL5														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	2936		1.35	A	1.35						
1	WEB	PL	829* 9	2935	85	4.14	A	4.14						
2	VSTF	PL	90* 9	780		0.28	A	0.28						
JL4-JL5							A	5.77						

APPROACH BRIDGE DIAPHRAGM D21 JL5-JL6														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08						
1	FLG	PL	230* 10	169		0.08	A	0.08						
2	FLG	PL	111* 10	2691		1.19	A	1.19						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	WEB	PL	803* 9	169		0.27	A	0.27						
2	D-VSTF	PL	90* 9	765		0.28	C	0.28						
1	DIA	PL	2690* 9	2727	80	11.74	C	11.74						
2	D-STF	PL	100* 10	1413		0.57	C	0.57						
2	D-STF	PL	100* 10	1398		0.56	C	0.56						
2	D-STF	PL	110* 10	800		0.35	C	0.35						
JL5-JL6							A	1.89	C	13.50				

APPROACH BRIDGE DIAPHRAGM D21 JL6-JL7														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	1285		0.59	A	0.59						
1	WEB	PL	800* 9	1296	85	1.76	A	1.76						
1	VSTF	PL	90* 9	503		0.09	A	0.09						
JL6-JL7							A	2.44						

APPROACH BRIDGE DIAPHRAGM D21 JL7-JL8														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	166		0.08	A	0.08						

Caluculation of Steel Primer

(Unit: mm,m²)

1	FLG	PL	230* 10	627		0.29	A	0.29						
2	FLG	PL	111* 10	2546		1.13	A	1.13						
1	WEB	PL	803* 9	166		0.27	A	0.27						
1	WEB	PL	787* 9	606	55	0.52	A	0.52						
2	D-VSTF	PL	90* 9	503		0.18	C	0.18						
1	DIA	PL	2989* 9	2730	60	9.79	C	9.79						
2	D-STF	PL	100* 10	1413		0.57	C	0.57						
2	D-STF	PL	100* 10	1398		0.56	C	0.56						
2	D-STF	PL	110* 10	800		0.35	C	0.35						
JL7-JL8							A	2.29	C	11.45				

APPROACH BRIDGE DIAPHRAGM D21 JL8-RR1														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	FLG	PL	230* 10	1021		0.47	A	0.47						
1	WEB	PL	636* 9	1113	65	0.92	A	0.92						
1	VSTF	PL	90* 9	509		0.09	A	0.09						
JL8-RR1							A	1.48						
D21							A	21.98	C	49.90				

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DIAPHRAGM D22 LL1-JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1021		0.47	A	0.47				
1	WEB	PL	636* 9	1113	65	0.92	A	0.92				
1	VSTF	PL	90* 9	509		0.09	A	0.09				
LL1-JL1							A	1.48				

APPROACH BRIDGE DIAPHRAGM D22 JL1-JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	627		0.29	A	0.29				
1	FLG	PL	230* 10	166		0.08	A	0.08				
2	FLG	PL	111* 10	2546		1.13	A	1.13				
1	WEB	PL	787* 9	606	55	0.52	A	0.52				
1	WEB	PL	803* 9	166		0.27	A	0.27				
2	D-VSTF	PL	90* 9	503		0.18	C	0.18				
1	DIA	PL	2989* 9	2730	60	9.79	C	9.79				
2	D-STF	PL	100* 10	1413		0.57	C	0.57				
2	D-STF	PL	100* 10	1397		0.56	C	0.56				
2	D-STF	PL	110* 10	800		0.35	C	0.35				
JL1-JL2							A	2.29	C	11.45		

APPROACH BRIDGE DIAPHRAGM D22 JL2-JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1285		0.59	A	0.59				
1	WEB	PL	800* 9	1301	85	1.77	A	1.77				
1	VSTF	PL	90* 9	503		0.09	A	0.09				
JL2-JL3							A	2.45				

APPROACH BRIDGE DIAPHRAGM D22 JL3-JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08				
1	FLG	PL	230* 10	169		0.08	A	0.08				
2	FLG	PL	111* 10	2691		1.19	A	1.19				
1	WEB	PL	803* 9	169		0.27	A	0.27				
1	WEB	PL	803* 9	169		0.27	A	0.27				
2	D-VSTF	PL	90* 9	765		0.28	C	0.28				
1	DIA	PL	2690* 9	2727	80	11.74	C	11.74				

Caluculation of Steel Primer

(Unit: mm, m²)

2	D-STF	PL	100* 10	1413		0.57	C	0.57						
2	D-STF	PL	100* 10	1398		0.56	C	0.56						
2	D-STF	PL	110* 10	800		0.35	C	0.35						
JL3-JL4							A	1.89	C	13.50				

APPROACH BRIDGE DIAPHRAGM D22 JL4-JL5														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	3019		1.39	A	1.39						
1	WEB	PL	831* 9	3018	85	4.26	A	4.26						
2	VSTF	PL	90* 9	503		0.18	A	0.18						
JL4-JL5							A	5.83						

APPROACH BRIDGE DIAPHRAGM D22 JL5-JL6														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	165		0.08	A	0.08						
1	FLG	PL	230* 10	169		0.08	A	0.08						
2	FLG	PL	111* 10	2691		1.19	A	1.19						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	WEB	PL	803* 9	169		0.27	A	0.27						
2	D-VSTF	PL	90* 9	765		0.28	C	0.28						
1	DIA	PL	2690* 9	2727	80	11.74	C	11.74						
2	D-STF	PL	100* 10	1413		0.57	C	0.57						
2	D-STF	PL	100* 10	1398		0.56	C	0.56						
2	D-STF	PL	110* 10	800		0.35	C	0.35						
JL5-JL6							A	1.89	C	13.50				

APPROACH BRIDGE DIAPHRAGM D22 JL6-JL7														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	1285		0.59	A	0.59						
1	WEB	PL	800* 9	1296	85	1.76	A	1.76						
1	VSTF	PL	90* 9	503		0.09	A	0.09						
JL6-JL7							A	2.44						

APPROACH BRIDGE DIAPHRAGM D22 JL7-JL8														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	166		0.08	A	0.08						

Caluculation of Steel Primer

(Unit: mm,m²)

1	FLG	PL	230* 10	627		0.29	A	0.29						
2	FLG	PL	111* 10	2546		1.13	A	1.13						
1	WEB	PL	803* 9	166		0.27	A	0.27						
1	WEB	PL	787* 9	606	55	0.52	A	0.52						
2	D-VSTF	PL	90* 9	503		0.18	C	0.18						
1	DIA	PL	2989* 9	2730	60	9.79	C	9.79						
2	D-STF	PL	100* 10	1413		0.57	C	0.57						
2	D-STF	PL	100* 10	1398		0.56	C	0.56						
2	D-STF	PL	110* 10	800		0.35	C	0.35						
JL7-JL8							A	2.29	C	11.45				

APPROACH BRIDGE DIAPHRAGM D22 JL8-RR1														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	FLG	PL	230* 10	1021		0.47	A	0.47						
1	WEB	PL	636* 9	1113	65	0.92	A	0.92						
1	VSTF	PL	90* 9	509		0.09	A	0.09						
JL8-RR1							A	1.48						
D22							A	22.04	C	49.90				

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DIAPHRAGM D23 LL1-JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1021		0.47	A	0.47				
1	WEB	PL	636* 9	1113	65	0.92	A	0.92				
1	VSTF	PL	90* 9	509		0.09	A	0.09				
LL1-JL1							A	1.48				

APPROACH BRIDGE DIAPHRAGM D23 JL1-JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	627		0.29	A	0.29				
1	FLG	PL	230* 10	166		0.08	A	0.08				
2	FLG	PL	111* 10	2546		1.13	A	1.13				
1	WEB	PL	787* 9	606	55	0.52	A	0.52				
1	WEB	PL	803* 9	166		0.27	A	0.27				
2	D-VSTF	PL	90* 9	503		0.18	C	0.18				
1	DIA	PL	2989* 9	2730	60	9.79	C	9.79				
2	D-STF	PL	100* 10	1413		0.57	C	0.57				
2	D-STF	PL	100* 10	1397		0.56	C	0.56				
2	D-STF	PL	110* 10	800		0.35	C	0.35				
JL1-JL2							A	2.29	C	11.45		

APPROACH BRIDGE DIAPHRAGM D23 JL2-JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1285		0.59	A	0.59				
1	WEB	PL	800* 9	1301	85	1.77	A	1.77				
1	VSTF	PL	90* 9	503		0.09	A	0.09				
JL2-JL3							A	2.45				

APPROACH BRIDGE DIAPHRAGM D23 JL3-JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08				
1	FLG	PL	230* 10	169		0.08	A	0.08				
2	FLG	PL	111* 10	2691		1.19	A	1.19				
1	WEB	PL	803* 9	169		0.27	A	0.27				
1	WEB	PL	803* 9	169		0.27	A	0.27				
2	D-VSTF	PL	90* 9	765		0.28	C	0.28				
1	DIA	PL	2690* 9	2727	80	11.74	C	11.74				

Caluculation of Steel Primer

(Unit: mm, m²)

2	D-STF	PL	100* 10	1413		0.57	C	0.57						
2	D-STF	PL	100* 10	1398		0.56	C	0.56						
2	D-STF	PL	110* 10	800		0.35	C	0.35						
JL3-JL4							A	1.89	C	13.50				

APPROACH BRIDGE DIAPHRAGM D23 JL4-JL5														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	FLG	PL	230* 10	1799		0.83	A	0.83						
1	FLG	PL	230* 10	1665		0.77	A	0.77						
1	WEB	PL	832* 9	1799	85	2.54	A	2.54						
1	WEB	PL	800* 9	1681	85	2.29	A	2.29						
1	VSTF	PL	90* 9	503		0.09	A	0.09						
2	VSTF	PL	90* 9	503		0.18	A	0.18						
JL4-JL5							A	6.70						

APPROACH BRIDGE DIAPHRAGM D23 JL5-JL6														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	FLG	PL	230* 10	165		0.08	A	0.08						
1	FLG	PL	230* 10	169		0.08	A	0.08						
2	FLG	PL	111* 10	2691		1.19	A	1.19						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	WEB	PL	803* 9	169		0.27	A	0.27						
2	D-VSTF	PL	90* 9	765		0.28	C	0.28						
1	DIA	PL	2690* 9	2727	80	11.74	C	11.74						
2	D-STF	PL	100* 10	1413		0.57	C	0.57						
2	D-STF	PL	100* 10	1398		0.56	C	0.56						
2	D-STF	PL	110* 10	800		0.35	C	0.35						
JL5-JL6							A	1.89	C	13.50				

APPROACH BRIDGE DIAPHRAGM D23 JL6-JL7														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	FLG	PL	230* 10	1285		0.59	A	0.59						
1	WEB	PL	800* 9	1296	85	1.76	A	1.76						
1	VSTF	PL	90* 9	503		0.09	A	0.09						
JL6-JL7							A	2.44						

APPROACH BRIDGE DIAPHRAGM D23 JL7-JL8														
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Caluculation of Steel Primer

(Unit: mm,m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks		
1	FLG	PL	230* 10	166		0.08	A	0.08						
1	FLG	PL	230* 10	627		0.29	A	0.29						
2	FLG	PL	111* 10	2546		1.13	A	1.13						
1	WEB	PL	803* 9	166		0.27	A	0.27						
1	WEB	PL	787* 9	606	55	0.52	A	0.52						
2	D-VSTF	PL	90* 9	503		0.18	C	0.18						
1	DIA	PL	2989* 9	2730	60	9.79	C	9.79						
2	D-STF	PL	100* 10	1413		0.57	C	0.57						
2	D-STF	PL	100* 10	1398		0.56	C	0.56						
2	D-STF	PL	110* 10	800		0.35	C	0.35						
JL7-JL8							A	2.29	C	11.45				

APPROACH BRIDGE DIAPHRAGM D23 JL8-RR1														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks		
1	FLG	PL	230* 10	1021		0.47	A	0.47						
1	WEB	PL	636* 9	1113	65	0.92	A	0.92						
1	VSTF	PL	90* 9	509		0.09	A	0.09						
JL8-RR1							A	1.48						
D23							A	22.91	C	49.90				

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DIAPHRAGM D24 LL1-JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1021		0.47	A	0.47				
1	WEB	PL	636* 9	1113	65	0.92	A	0.92				
1	VSTF	PL	90* 9	509		0.09	A	0.09				
LL1-JL1							A	1.48				

APPROACH BRIDGE DIAPHRAGM D24 JL1-JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	627		0.29	A	0.29				
1	FLG	PL	230* 10	166		0.08	A	0.08				
2	FLG	PL	111* 10	2546		1.13	A	1.13				
1	WEB	PL	787* 9	606	55	0.52	A	0.52				
1	WEB	PL	803* 9	166		0.27	A	0.27				
2	D-VSTF	PL	90* 9	503		0.18	C	0.18				
1	DIA	PL	2989* 9	2730	60	9.79	C	9.79				
2	D-STF	PL	100* 10	1413		0.57	C	0.57				
2	D-STF	PL	100* 10	1397		0.56	C	0.56				
2	D-STF	PL	110* 10	800		0.35	C	0.35				
JL1-JL2							A	2.29	C	11.45		

APPROACH BRIDGE DIAPHRAGM D24 JL2-JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1285		0.59	A	0.59				
1	WEB	PL	800* 9	1301	85	1.77	A	1.77				
1	VSTF	PL	90* 9	503		0.09	A	0.09				
JL2-JL3							A	2.45				

APPROACH BRIDGE DIAPHRAGM D24 JL3-JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08				
1	FLG	PL	230* 10	169		0.08	A	0.08				
2	FLG	PL	111* 10	2691		1.19	A	1.19				
1	WEB	PL	803* 9	169		0.27	A	0.27				
1	WEB	PL	803* 9	169		0.27	A	0.27				
2	D-VSTF	PL	90* 9	765		0.28	C	0.28				
1	DIA	PL	2690* 9	2727	80	11.74	C	11.74				

Caluculation of Steel Primer

(Unit: mm, m²)

2	D-STF	PL	100* 10	1413		0.57	C	0.57						
2	D-STF	PL	100* 10	1398		0.56	C	0.56						
2	D-STF	PL	110* 10	800		0.35	C	0.35						
JL3-JL4							A	1.89	C	13.50				

APPROACH BRIDGE DIAPHRAGM D24 JL4-JL5														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	FLG	PL	230* 10	2004		0.92	A	0.92						
1	FLG	PL	230* 10	1932		0.89	A	0.89						
1	WEB	PL	836* 9	2004	85	2.85	A	2.85						
1	WEB	PL	800* 9	1948	85	2.65	A	2.65						
1	VSTF	PL	90* 9	503		0.09	A	0.09						
2	VSTF	PL	90* 9	503		0.18	A	0.18						
JL4-JL5							A	7.58						

APPROACH BRIDGE DIAPHRAGM D24 JL5-JL6														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	FLG	PL	230* 10	166		0.08	A	0.08						
1	FLG	PL	230* 10	169		0.08	A	0.08						
2	FLG	PL	111* 10	2691		1.19	A	1.19						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	WEB	PL	803* 9	169		0.27	A	0.27						
2	D-VSTF	PL	90* 9	765		0.28	C	0.28						
1	DIA	PL	2690* 9	2727	80	11.74	C	11.74						
2	D-STF	PL	100* 10	1413		0.57	C	0.57						
2	D-STF	PL	100* 10	1398		0.56	C	0.56						
2	D-STF	PL	110* 10	800		0.35	C	0.35						
JL5-JL6							A	1.89	C	13.50				

APPROACH BRIDGE DIAPHRAGM D24 JL6-JL7														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	FLG	PL	230* 10	1285		0.59	A	0.59						
1	WEB	PL	800* 9	1296	85	1.76	A	1.76						
1	VSTF	PL	90* 9	503		0.09	A	0.09						
JL6-JL7							A	2.44						

APPROACH BRIDGE DIAPHRAGM D24 JL7-JL8													
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Caluculation of Steel Primer

(Unit: mm,m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
1	FLG	PL	230* 10	166		0.08	A	0.08					
1	FLG	PL	230* 10	627		0.29	A	0.29					
2	FLG	PL	111* 10	2546		1.13	A	1.13					
1	WEB	PL	803* 9	166		0.27	A	0.27					
1	WEB	PL	787* 9	606	55	0.52	A	0.52					
2	D-VSTF	PL	90* 9	503		0.18	C	0.18					
1	DIA	PL	2989* 9	2730	60	9.79	C	9.79					
2	D-STF	PL	100* 10	1413		0.57	C	0.57					
2	D-STF	PL	100* 10	1398		0.56	C	0.56					
2	D-STF	PL	110* 10	800		0.35	C	0.35					
JL7-JL8							A	2.29	C	11.45			

APPROACH BRIDGE DIAPHRAGM D24 JL8-RR1													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
1	FLG	PL	230* 10	1021		0.47	A	0.47					
1	WEB	PL	636* 9	1113	65	0.92	A	0.92					
1	VSTF	PL	90* 9	509		0.09	A	0.09					
JL8-RR1							A	1.48					
D24							A	23.79	C	49.90			

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DIAPHRAGM D25 LL1-JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1021		0.47	A	0.47				
1	WEB	PL	636* 9	1113	65	0.92	A	0.92				
1	VSTF	PL	90* 9	509		0.09	A	0.09				
LL1-JL1							A	1.48				

APPROACH BRIDGE DIAPHRAGM D25 JL1-JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	627		0.29	A	0.29				
1	FLG	PL	230* 10	166		0.08	A	0.08				
2	FLG	PL	111* 10	2546		1.13	A	1.13				
1	WEB	PL	787* 9	606	55	0.52	A	0.52				
1	WEB	PL	803* 9	166		0.27	A	0.27				
2	D-VSTF	PL	90* 9	503		0.18	C	0.18				
1	DIA	PL	2989* 9	2730	60	9.79	C	9.79				
2	D-STF	PL	100* 10	1413		0.57	C	0.57				
2	D-STF	PL	100* 10	1397		0.56	C	0.56				
2	D-STF	PL	110* 10	800		0.35	C	0.35				
JL1-JL2							A	2.29	C	11.45		

APPROACH BRIDGE DIAPHRAGM D25 JL2-JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1285		0.59	A	0.59				
1	WEB	PL	800* 9	1301	85	1.77	A	1.77				
1	VSTF	PL	90* 9	503		0.09	A	0.09				
JL2-JL3							A	2.45				

APPROACH BRIDGE DIAPHRAGM D25 JL3-JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08				
1	FLG	PL	230* 10	169		0.08	A	0.08				
2	FLG	PL	111* 10	2691		1.19	A	1.19				
1	WEB	PL	803* 9	169		0.27	A	0.27				
1	WEB	PL	803* 9	169		0.27	A	0.27				
2	D-VSTF	PL	90* 9	765		0.28	C	0.28				
1	DIA	PL	2690* 9	2727	80	11.74	C	11.74				

Caluculation of Steel Primer

(Unit: mm, m²)

2	D-STF	PL	100* 10	1413		0.57	C	0.57						
2	D-STF	PL	100* 10	1398		0.56	C	0.56						
2	D-STF	PL	110* 10	800		0.35	C	0.35						
JL3-JL4							A	1.89	C	13.50				

APPROACH BRIDGE DIAPHRAGM D25 JL4-JL5														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	FLG	PL	230* 10	2209		1.02	A	1.02						
1	FLG	PL	230* 10	2168		1.00	A	1.00						
1	WEB	PL	841* 9	2254	85	3.22	A	3.22						
1	WEB	PL	800* 9	2184	85	2.97	A	2.97						
1	VSTF	PL	90* 9	503		0.09	A	0.09						
2	VSTF	PL	90* 9	503		0.18	A	0.18						
JL4-JL5							A	8.48						

APPROACH BRIDGE DIAPHRAGM D25 JL5-JL6														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	FLG	PL	230* 10	166		0.08	A	0.08						
1	FLG	PL	230* 10	169		0.08	A	0.08						
2	FLG	PL	111* 10	2691		1.19	A	1.19						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	WEB	PL	803* 9	169		0.27	A	0.27						
2	D-VSTF	PL	90* 9	765		0.28	C	0.28						
1	DIA	PL	2690* 9	2727	80	11.74	C	11.74						
2	D-STF	PL	100* 10	1413		0.57	C	0.57						
2	D-STF	PL	100* 10	1398		0.56	C	0.56						
2	D-STF	PL	110* 10	800		0.35	C	0.35						
JL5-JL6							A	1.89	C	13.50				

APPROACH BRIDGE DIAPHRAGM D25 JL6-JL7														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	FLG	PL	230* 10	1285		0.59	A	0.59						
1	WEB	PL	800* 9	1296	85	1.76	A	1.76						
1	VSTF	PL	90* 9	503		0.09	A	0.09						
JL6-JL7							A	2.44						

APPROACH BRIDGE DIAPHRAGM D25 JL7-JL8													
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Caluculation of Steel Primer

(Unit: mm,m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
1	FLG	PL	230* 10	166		0.08	A	0.08						
1	FLG	PL	230* 10	627		0.29	A	0.29						
2	FLG	PL	111* 10	2546		1.13	A	1.13						
1	WEB	PL	803* 9	166		0.27	A	0.27						
1	WEB	PL	787* 9	606	55	0.52	A	0.52						
2	D-VSTF	PL	90* 9	503		0.18	C	0.18						
1	DIA	PL	2989* 9	2730	60	9.79	C	9.79						
2	D-STF	PL	100* 10	1413		0.57	C	0.57						
2	D-STF	PL	100* 10	1398		0.56	C	0.56						
2	D-STF	PL	110* 10	800		0.35	C	0.35						
JL7-JL8							A	2.29	C	11.45				

APPROACH BRIDGE DIAPHRAGM D25 JL8-RR1														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
1	FLG	PL	230* 10	1021		0.47	A	0.47						
1	WEB	PL	636* 9	1113	65	0.92	A	0.92						
1	VSTF	PL	90* 9	509		0.09	A	0.09						
JL8-RR1							A	1.48						
D25							A	24.69	C	49.90				

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DIAPHRAGM D26 LL1-JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1021		0.47	A	0.47				
1	WEB	PL	636* 9	1113	65	0.92	A	0.92				
1	VSTF	PL	90* 9	509		0.09	A	0.09				
LL1-JL1							A	1.48				

APPROACH BRIDGE DIAPHRAGM D26 JL1-JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	630		0.29	A	0.29				
1	FLG	PL	230* 10	168		0.08	A	0.08				
2	FLG	PL	111* 10	2546		1.13	A	1.13				
1	WEB	PL	788* 9	609	55	0.53	A	0.53				
1	WEB	PL	803* 9	168		0.27	A	0.27				
2	D-VSTF	PL	90* 9	503		0.18	C	0.18				
1	DIA	PL	2989* 9	2730	60	9.79	C	9.79				
2	D-STF	PL	100* 10	1413		0.57	C	0.57				
2	D-STF	PL	100* 10	1397		0.56	C	0.56				
2	D-STF	PL	110* 10	800		0.35	C	0.35				
JL1-JL2							A	2.30	C	11.45		

APPROACH BRIDGE DIAPHRAGM D26 JL2-JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1285		0.59	A	0.59				
1	WEB	PL	800* 9	1301	85	1.77	A	1.77				
1	VSTF	PL	90* 9	503		0.09	A	0.09				
JL2-JL3							A	2.45				

APPROACH BRIDGE DIAPHRAGM D26 JL3-JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08				
1	FLG	PL	230* 10	169		0.08	A	0.08				
2	FLG	PL	111* 10	2691		1.19	A	1.19				
1	WEB	PL	803* 9	169		0.27	A	0.27				
1	WEB	PL	803* 9	169		0.27	A	0.27				
2	D-VSTF	PL	90* 9	765		0.28	C	0.28				
1	DIA	PL	2690* 9	2727	80	11.74	C	11.74				

Caluculation of Steel Primer

(Unit: mm, m²)

2	D-STF	PL	100* 10	1413		0.57	C	0.57						
2	D-STF	PL	100* 10	1398		0.56	C	0.56						
2	D-STF	PL	110* 10	800		0.35	C	0.35						
JL3-JL4							A	1.89	C	13.50				

APPROACH BRIDGE DIAPHRAGM D26 JL4-JL5														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	FLG	PL	230* 10	2548		1.17	A	1.17						
1	FLG	PL	230* 10	2766		1.27	A	1.27						
1	WEB	PL	847* 9	2548	85	3.67	A	3.67						
1	WEB	PL	800* 9	2350	85	3.20	A	3.20						
2	VSTF	PL	90* 9	503		0.18	A	0.18						
2	VSTF	PL	90* 9	503		0.18	A	0.18						
JL4-JL5							A	9.67						

APPROACH BRIDGE DIAPHRAGM D26 JL5-JL6														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	FLG	PL	230* 10	167		0.08	A	0.08						
1	FLG	PL	230* 10	169		0.08	A	0.08						
2	FLG	PL	111* 10	2691		1.19	A	1.19						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	WEB	PL	803* 9	169		0.27	A	0.27						
2	D-VSTF	PL	90* 9	765		0.28	C	0.28						
1	DIA	PL	2690* 9	2727	80	11.74	C	11.74						
2	D-STF	PL	100* 10	1413		0.57	C	0.57						
2	D-STF	PL	100* 10	1398		0.56	C	0.56						
2	D-STF	PL	110* 10	800		0.35	C	0.35						
JL5-JL6							A	1.89	C	13.50				

APPROACH BRIDGE DIAPHRAGM D26 JL6-JL7														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	FLG	PL	230* 10	1285		0.59	A	0.59						
1	WEB	PL	800* 9	1296	85	1.76	A	1.76						
1	VSTF	PL	90* 9	503		0.09	A	0.09						
JL6-JL7							A	2.44						

APPROACH BRIDGE DIAPHRAGM D26 JL7-JL8													
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Caluculation of Steel Primer

(Unit: mm,m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
1	FLG	PL	230* 10	168		0.08	A	0.08						
1	FLG	PL	230* 10	630		0.29	A	0.29						
2	FLG	PL	111* 10	2546		1.13	A	1.13						
1	WEB	PL	803* 9	168		0.27	A	0.27						
1	WEB	PL	788* 9	609	55	0.53	A	0.53						
2	D-VSTF	PL	90* 9	503		0.18	C	0.18						
1	DIA	PL	2989* 9	2730	60	9.79	C	9.79						
2	D-STF	PL	100* 10	1413		0.57	C	0.57						
2	D-STF	PL	100* 10	1398		0.56	C	0.56						
2	D-STF	PL	110* 10	800		0.35	C	0.35						
JL7-JL8							A	2.30	C	11.45				

APPROACH BRIDGE DIAPHRAGM D26 JL8-RR1														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
1	FLG	PL	230* 10	1021		0.47	A	0.47						
1	WEB	PL	636* 9	1113	65	0.92	A	0.92						
1	VSTF	PL	90* 9	509		0.09	A	0.09						
JL8-RR1							A	1.48						
D26							A	25.90	C	49.90				

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DIAPHRAGM D27 LL1-JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1021		0.47	B	0.47				
1	WEB	PL	636* 9	1113	65	0.92	B	0.92				
1	VSTF	PL	90* 9	509		0.09	B	0.09				
LL1-JL1							B	1.48				

APPROACH BRIDGE DIAPHRAGM D27 JL1-JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	630		0.29	B	0.29				
1	FLG	PL	230* 10	168		0.08	B	0.08				
2	FLG	PL	111* 10	2546		1.13	B	1.13				
1	WEB	PL	788* 9	609	55	0.53	B	0.53				
1	WEB	PL	803* 9	168		0.27	B	0.27				
2	D-VSTF	PL	90* 9	503		0.18	C	0.18				
1	DIA	PL	2989* 9	2730	60	9.79	C	9.79				
2	D-STF	PL	100* 10	1413		0.57	C	0.57				
2	D-STF	PL	100* 10	1397		0.56	C	0.56				
2	D-STF	PL	110* 10	800		0.35	C	0.35				
JL1-JL2							B	2.30	C	11.45		

APPROACH BRIDGE DIAPHRAGM D27 JL2-JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1285		0.59	B	0.59				
1	WEB	PL	800* 9	1301	85	1.77	B	1.77				
1	VSTF	PL	90* 9	503		0.09	B	0.09				
JL2-JL3							B	2.45				

APPROACH BRIDGE DIAPHRAGM D27 JL3-JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	169		0.08	B	0.08				
1	FLG	PL	230* 10	169		0.08	B	0.08				
2	FLG	PL	111* 10	2691		1.19	B	1.19				
1	WEB	PL	803* 9	169		0.27	B	0.27				
1	WEB	PL	803* 9	169		0.27	B	0.27				
2	D-VSTF	PL	90* 9	765		0.28	C	0.28				
1	DIA	PL	2690* 9	2727	80	11.74	C	11.74				

Caluculation of Steel Primer

(Unit: mm, m²)

2	D-STF	PL	100* 10	1413		0.57	C	0.57						
2	D-STF	PL	100* 10	1398		0.56	C	0.56						
2	D-STF	PL	110* 10	800		0.35	C	0.35						
JL3-JL4							B	1.89	C	13.50				

APPROACH BRIDGE DIAPHRAGM D27 JL4-JL5														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	FLG	PL	230* 10	2334		1.07	B	1.07						
1	FLG	PL	230* 10	2365		1.09	B	1.09						
1	WEB	PL	851* 9	2765	85	4.00	B	4.00						
1	WEB	PL	800* 9	2381	85	3.24	B	3.24						
2	VSTF	PL	90* 9	503		0.18	B	0.18						
2	VSTF	PL	90* 9	503		0.18	B	0.18						
JL4-JL5							B	9.76						

APPROACH BRIDGE DIAPHRAGM D27 JL5-JL6														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	FLG	PL	230* 10	169		0.08	B	0.08						
1	FLG	PL	230* 10	169		0.08	B	0.08						
2	FLG	PL	111* 10	2691		1.19	B	1.19						
1	WEB	PL	803* 9	169		0.27	B	0.27						
1	WEB	PL	803* 9	169		0.27	B	0.27						
2	D-VSTF	PL	90* 9	765		0.28	C	0.28						
1	DIA	PL	2690* 9	2727	80	11.74	C	11.74						
2	D-STF	PL	100* 10	1413		0.57	C	0.57						
2	D-STF	PL	100* 10	1398		0.56	C	0.56						
2	D-STF	PL	110* 10	800		0.35	C	0.35						
JL5-JL6							B	1.89	C	13.50				

APPROACH BRIDGE DIAPHRAGM D27 JL6-JL7														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
1	FLG	PL	230* 10	1285		0.59	B	0.59						
1	WEB	PL	800* 9	1296	85	1.76	B	1.76						
1	VSTF	PL	90* 9	503		0.09	B	0.09						
JL6-JL7							B	2.44						

APPROACH BRIDGE DIAPHRAGM D27 JL7-JL8													
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Caluculation of Steel Primer

(Unit: mm,m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
1	FLG	PL	230* 10	168		0.08	B	0.08						
1	FLG	PL	230* 10	630		0.29	B	0.29						
2	FLG	PL	111* 10	2546		1.13	B	1.13						
1	WEB	PL	803* 9	168		0.27	B	0.27						
1	WEB	PL	788* 9	609	55	0.53	B	0.53						
2	D-VSTF	PL	90* 9	503		0.18	C	0.18						
1	DIA	PL	2989* 9	2730	60	9.79	C	9.79						
2	D-STF	PL	100* 10	1413		0.57	C	0.57						
2	D-STF	PL	100* 10	1398		0.56	C	0.56						
2	D-STF	PL	110* 10	800		0.35	C	0.35						
JL7-JL8							B	2.30	C	11.45				

APPROACH BRIDGE DIAPHRAGM D27 JL8-RR1														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
1	FLG	PL	230* 10	1021		0.47	B	0.47						
1	WEB	PL	636* 9	1113	65	0.92	B	0.92						
1	VSTF	PL	90* 9	509		0.09	B	0.09						
JL8-RR1							B	1.48						
D27							B	25.99	C	49.90				
DIAPHRAGM							A	667.28	B	60.00	C	1347.30		
APPROACH BRIDGE							A	667.28	B	60.00	C	1347.30		

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DIAPHRAGM SPLICE D1 JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	F	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	F	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	J	0.04				
2	W-SPL	PL	297* 9	556		0.66	F	0.33	M	0.66		
21	W-SPL	TCB	M 22* 65			0.11	J	0.11				
JL1							F	0.45	J	0.15	M	0.89

APPROACH BRIDGE DIAPHRAGM SPLICE D1 JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	F	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	F	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	J	0.04				
2	W-SPL	PL	297* 9	685		0.81	F	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	J	0.13				
JL2							F	0.53	J	0.17	M	1.04

APPROACH BRIDGE DIAPHRAGM SPLICE D1 JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	F	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	F	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	J	0.04				
2	W-SPL	PL	297* 9	685		0.81	F	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	J	0.13				
JL3							F	0.53	J	0.17	M	1.04

APPROACH BRIDGE DIAPHRAGM SPLICE D1 JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	F	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	F	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	J	0.04				
2	W-SPL	PL	297* 9	685		0.81	F	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	J	0.13				
JL4							F	0.53	J	0.17	M	1.04

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DIAPHRAGM SPLICE D1 JL5													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	F	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	F	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	J	0.04					
2	W-SPL	PL	297* 9	685		0.81	F	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	J	0.13					
JL5							F	0.53	J	0.17	M	1.04	

APPROACH BRIDGE DIAPHRAGM SPLICE D1 JL6													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	F	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	F	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	J	0.04					
2	W-SPL	PL	297* 9	685		0.81	F	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	J	0.13					
JL6							F	0.53	J	0.17	M	1.04	

APPROACH BRIDGE DIAPHRAGM SPLICE D1 JL6A													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	F	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	F	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	J	0.04					
2	W-SPL	PL	297* 9	686		0.81	F	0.41	M	0.81			
28	W-SPL	TCB	M 22* 65			0.14	J	0.14					
JL6A							F	0.53	J	0.18	M	1.04	

APPROACH BRIDGE DIAPHRAGM SPLICE D1 JL6B													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	F	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	F	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	J	0.04					
2	W-SPL	PL	297* 9	686		0.81	F	0.41	M	0.81			
28	W-SPL	TCB	M 22* 65			0.14	J	0.14					
JL6B							F	0.53	J	0.18	M	1.04	

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DIAPHRAGM SPLICE D1 JL6C													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	F	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	F	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	J	0.04					
2	W-SPL	PL	297* 9	686		0.81	F	0.41	M	0.81			
28	W-SPL	TCB	M 22* 65			0.14	J	0.14					
JL6C							F	0.53	J	0.18	M	1.04	

APPROACH BRIDGE DIAPHRAGM SPLICE D1 JL7													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	F	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	F	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	J	0.04					
2	W-SPL	PL	297* 9	685		0.81	F	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	J	0.13					
JL7							F	0.53	J	0.17	M	1.04	

APPROACH BRIDGE DIAPHRAGM SPLICE D1 JL8													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	F	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	F	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	J	0.04					
2	W-SPL	PL	297* 9	556		0.66	F	0.33	M	0.66			
21	W-SPL	TCB	M 22* 65			0.11	J	0.11					
JL8							F	0.45	J	0.15	M	0.89	
D1							F	5.67	J	1.86	M	11.14	

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DIAPHRAGM SPLICE D2 JL1													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66			
21	W-SPL	TCB	M 22* 65			0.11	I	0.11					
JL1							E	0.45	I	0.15	M	0.89	

APPROACH BRIDGE DIAPHRAGM SPLICE D2 JL2													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL2							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE DIAPHRAGM SPLICE D2 JL3													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL3							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE DIAPHRAGM SPLICE D2 JL4													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL4							E	0.53	I	0.17	M	1.04	

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DIAPHRAGM SPLICE D2 JL5												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL5							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE DIAPHRAGM SPLICE D2 JL6												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL6							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE DIAPHRAGM SPLICE D2 JL6A												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		
28	W-SPL	TCB	M 22* 65			0.14	I	0.14				
JL6A							E	0.53	I	0.18	M	1.04

APPROACH BRIDGE DIAPHRAGM SPLICE D2 JL6B												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		
28	W-SPL	TCB	M 22* 65			0.14	I	0.14				
JL6B							E	0.53	I	0.18	M	1.04

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DIAPHRAGM SPLICE D2 JL6C												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		
28	W-SPL	TCB	M 22* 65			0.14	I	0.14				
JL6C							E	0.53	I	0.18	M	1.04

APPROACH BRIDGE DIAPHRAGM SPLICE D2 JL7												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL7							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE DIAPHRAGM SPLICE D2 JL8												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66		
21	W-SPL	TCB	M 22* 65			0.11	I	0.11				
JL8							E	0.45	I	0.15	M	0.89
D2							E	5.67	I	1.86	M	11.14

Caluculation of Steel Primer

(Unit: mm, m²)

APPROACH BRIDGE DIAPHRAGM SPLICE D3 JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66		
21	W-SPL	TCB	M 22* 65			0.11	I	0.11				
JL1							E	0.45	I	0.15	M	0.89

APPROACH BRIDGE DIAPHRAGM SPLICE D3 JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL2							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE DIAPHRAGM SPLICE D3 JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL3							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE DIAPHRAGM SPLICE D3 JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL4							E	0.53	I	0.17	M	1.04

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DIAPHRAGM SPLICE D3 JL5												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL5							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE DIAPHRAGM SPLICE D3 JL6												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL6							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE DIAPHRAGM SPLICE D3 JL6A												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		
28	W-SPL	TCB	M 22* 65			0.14	I	0.14				
JL6A							E	0.53	I	0.18	M	1.04

APPROACH BRIDGE DIAPHRAGM SPLICE D3 JL6B												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		
28	W-SPL	TCB	M 22* 65			0.14	I	0.14				
JL6B							E	0.53	I	0.18	M	1.04

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DIAPHRAGM SPLICE D3 JL7													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL7							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE DIAPHRAGM SPLICE D3 JL8													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66			
21	W-SPL	TCB	M 22* 65			0.11	I	0.11					
JL8							E	0.45	I	0.15	M	0.89	
D3							E	5.14	I	1.68	M	10.10	

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DIAPHRAGM SPLICE D4 JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66		
21	W-SPL	TCB	M 22* 65			0.11	I	0.11				
JL1							E	0.45	I	0.15	M	0.89

APPROACH BRIDGE DIAPHRAGM SPLICE D4 JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL2							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE DIAPHRAGM SPLICE D4 JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL3							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE DIAPHRAGM SPLICE D4 JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL4							E	0.53	I	0.17	M	1.04

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DIAPHRAGM SPLICE D4 JL5												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL5							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE DIAPHRAGM SPLICE D4 JL6												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL6							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE DIAPHRAGM SPLICE D4 JL6A												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		
28	W-SPL	TCB	M 22* 65			0.14	I	0.14				
JL6A							E	0.53	I	0.18	M	1.04

APPROACH BRIDGE DIAPHRAGM SPLICE D4 JL6B												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		
28	W-SPL	TCB	M 22* 65			0.14	I	0.14				
JL6B							E	0.53	I	0.18	M	1.04

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DIAPHRAGM SPLICE D4 JL7													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL7							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE DIAPHRAGM SPLICE D4 JL8													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66			
21	W-SPL	TCB	M 22* 65			0.11	I	0.11					
JL8							E	0.45	I	0.15	M	0.89	
D4							E	5.14	I	1.68	M	10.10	

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DIAPHRAGM SPLICE D5 JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66		
21	W-SPL	TCB	M 22* 65			0.11	I	0.11				
JL1							E	0.45	I	0.15	M	0.89

APPROACH BRIDGE DIAPHRAGM SPLICE D5 JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL2							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE DIAPHRAGM SPLICE D5 JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL3							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE DIAPHRAGM SPLICE D5 JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL4							E	0.53	I	0.17	M	1.04

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DIAPHRAGM SPLICE D5 JL5												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL5							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE DIAPHRAGM SPLICE D5 JL6												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL6							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE DIAPHRAGM SPLICE D5 JL6A												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		
28	W-SPL	TCB	M 22* 65			0.14	I	0.14				
JL6A							E	0.53	I	0.18	M	1.04

APPROACH BRIDGE DIAPHRAGM SPLICE D5 JL6B												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		
28	W-SPL	TCB	M 22* 65			0.14	I	0.14				
JL6B							E	0.53	I	0.18	M	1.04

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DIAPHRAGM SPLICE D5 JL7												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL7							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE DIAPHRAGM SPLICE D5 JL8												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66		
21	W-SPL	TCB	M 22* 65			0.11	I	0.11				
JL8							E	0.45	I	0.15	M	0.89
D5							E	5.14	I	1.68	M	10.10

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DIAPHRAGM SPLICE D6 JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66		
21	W-SPL	TCB	M 22* 65			0.11	I	0.11				
JL1							E	0.45	I	0.15	M	0.89

APPROACH BRIDGE DIAPHRAGM SPLICE D6 JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL2							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE DIAPHRAGM SPLICE D6 JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL3							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE DIAPHRAGM SPLICE D6 JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL4							E	0.53	I	0.17	M	1.04

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DIAPHRAGM SPLICE D6 JL5												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL5							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE DIAPHRAGM SPLICE D6 JL6												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL6							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE DIAPHRAGM SPLICE D6 JL6A												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		
28	W-SPL	TCB	M 22* 65			0.14	I	0.14				
JL6A							E	0.53	I	0.18	M	1.04

APPROACH BRIDGE DIAPHRAGM SPLICE D6 JL6B												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		
28	W-SPL	TCB	M 22* 65			0.14	I	0.14				
JL6B							E	0.53	I	0.18	M	1.04

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DIAPHRAGM SPLICE D6 JL7												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL7							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE DIAPHRAGM SPLICE D6 JL8												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66		
21	W-SPL	TCB	M 22* 65			0.11	I	0.11				
JL8							E	0.45	I	0.15	M	0.89
D6							E	5.14	I	1.68	M	10.10

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DIAPHRAGM SPLICE D7 JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66		
21	W-SPL	TCB	M 22* 65			0.11	I	0.11				
JL1							E	0.45	I	0.15	M	0.89

APPROACH BRIDGE DIAPHRAGM SPLICE D7 JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL2							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE DIAPHRAGM SPLICE D7 JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL3							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE DIAPHRAGM SPLICE D7 JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL4							E	0.53	I	0.17	M	1.04

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DIAPHRAGM SPLICE D7 JL5												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL5							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE DIAPHRAGM SPLICE D7 JL6												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL6							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE DIAPHRAGM SPLICE D7 JL6A												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		
28	W-SPL	TCB	M 22* 65			0.14	I	0.14				
JL6A							E	0.53	I	0.18	M	1.04

APPROACH BRIDGE DIAPHRAGM SPLICE D7 JL6B												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		
28	W-SPL	TCB	M 22* 65			0.14	I	0.14				
JL6B							E	0.53	I	0.18	M	1.04

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DIAPHRAGM SPLICE D7 JL7												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL7							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE DIAPHRAGM SPLICE D7 JL8												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66		
21	W-SPL	TCB	M 22* 65			0.11	I	0.11				
JL8							E	0.45	I	0.15	M	0.89
D7							E	5.14	I	1.68	M	10.10

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DIAPHRAGM SPLICE D8 JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66		
21	W-SPL	TCB	M 22* 65			0.11	I	0.11				
JL1							E	0.45	I	0.15	M	0.89

APPROACH BRIDGE DIAPHRAGM SPLICE D8 JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL2							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE DIAPHRAGM SPLICE D8 JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL3							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE DIAPHRAGM SPLICE D8 JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL4							E	0.53	I	0.17	M	1.04

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DIAPHRAGM SPLICE D8 JL5													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL5							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE DIAPHRAGM SPLICE D8 JL6													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL6							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE DIAPHRAGM SPLICE D8 JL6A													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
28	W-SPL	TCB	M 22* 65			0.14	I	0.14					
JL6A							E	0.53	I	0.18	M	1.04	

APPROACH BRIDGE DIAPHRAGM SPLICE D8 JL7													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL7							E	0.53	I	0.17	M	1.04	

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DIAPHRAGM SPLICE D8 JL8														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10				
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13				
8	F-SPL	TCB	M 22* 65			0.04	I	0.04						
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66				
21	W-SPL	TCB	M 22* 65			0.11	I	0.11						
							JL8	E	0.45	I	0.15	M	0.89	
							D8	E	4.61	I	1.50	M	9.06	

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DIAPHRAGM SPLICE D9 JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66		
21	W-SPL	TCB	M 22* 65			0.11	I	0.11				
JL1							E	0.45	I	0.15	M	0.89

APPROACH BRIDGE DIAPHRAGM SPLICE D9 JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL2							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE DIAPHRAGM SPLICE D9 JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL3							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE DIAPHRAGM SPLICE D9 JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL4							E	0.53	I	0.17	M	1.04

Caluculation of Steel Primer

(Unit: mm, m²)

APPROACH BRIDGE DIAPHRAGM SPLICE D9 JL5												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL5							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE DIAPHRAGM SPLICE D9 JL6												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL6							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE DIAPHRAGM SPLICE D9 JL6A												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		
28	W-SPL	TCB	M 22* 65			0.14	I	0.14				
JL6A							E	0.53	I	0.18	M	1.04

APPROACH BRIDGE DIAPHRAGM SPLICE D9 JL7												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL7							E	0.53	I	0.17	M	1.04

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DIAPHRAGM SPLICE D9 JL8														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10				
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13				
8	F-SPL	TCB	M 22* 65			0.04	I	0.04						
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66				
21	W-SPL	TCB	M 22* 65			0.11	I	0.11						
							JL8	E	0.45	I	0.15	M	0.89	
							D9	E	4.61	I	1.50	M	9.06	

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DIAPHRAGM SPLICE D10 JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66		
21	W-SPL	TCB	M 22* 65			0.11	I	0.11				
JL1							E	0.45	I	0.15	M	0.89

APPROACH BRIDGE DIAPHRAGM SPLICE D10 JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL2							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE DIAPHRAGM SPLICE D10 JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL3							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE DIAPHRAGM SPLICE D10 JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL4							E	0.53	I	0.17	M	1.04

Caluculation of Steel Primer

(Unit: mm, m²)

APPROACH BRIDGE DIAPHRAGM SPLICE D10 JL5													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL5							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE DIAPHRAGM SPLICE D10 JL6													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL6							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE DIAPHRAGM SPLICE D10 JL6A													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
28	W-SPL	TCB	M 22* 65			0.14	I	0.14					
JL6A							E	0.53	I	0.18	M	1.04	

APPROACH BRIDGE DIAPHRAGM SPLICE D10 JL7													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL7							E	0.53	I	0.17	M	1.04	

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DIAPHRAGM SPLICE D10 JL8														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10				
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13				
8	F-SPL	TCB	M 22* 65			0.04	I	0.04						
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66				
21	W-SPL	TCB	M 22* 65			0.11	I	0.11						
							JL8	E	0.45	I	0.15	M	0.89	
							D10	E	4.61	I	1.50	M	9.06	

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DIAPHRAGM SPLICE D11 JL1													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66			
21	W-SPL	TCB	M 22* 65			0.11	I	0.11					
JL1							E	0.45	I	0.15	M	0.89	

APPROACH BRIDGE DIAPHRAGM SPLICE D11 JL2													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL2							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE DIAPHRAGM SPLICE D11 JL3													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL3							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE DIAPHRAGM SPLICE D11 JL4													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL4							E	0.53	I	0.17	M	1.04	

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DIAPHRAGM SPLICE D11 JL5													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL5							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE DIAPHRAGM SPLICE D11 JL6													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL6							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE DIAPHRAGM SPLICE D11 JL6A													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
28	W-SPL	TCB	M 22* 65			0.14	I	0.14					
JL6A							E	0.53	I	0.18	M	1.04	

APPROACH BRIDGE DIAPHRAGM SPLICE D11 JL7													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL7							E	0.53	I	0.17	M	1.04	

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DIAPHRAGM SPLICE D11 JL8														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10				
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13				
8	F-SPL	TCB	M 22* 65			0.04	I	0.04						
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66				
21	W-SPL	TCB	M 22* 65			0.11	I	0.11						
							JL8	E	0.45	I	0.15	M	0.89	
							D11	E	4.61	I	1.50	M	9.06	

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DIAPHRAGM SPLICE D12 JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66		
21	W-SPL	TCB	M 22* 65			0.11	I	0.11				
JL1							E	0.45	I	0.15	M	0.89

APPROACH BRIDGE DIAPHRAGM SPLICE D12 JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL2							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE DIAPHRAGM SPLICE D12 JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL3							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE DIAPHRAGM SPLICE D12 JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL4							E	0.53	I	0.17	M	1.04

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DIAPHRAGM SPLICE D12 JL5													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL5							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE DIAPHRAGM SPLICE D12 JL6													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL6							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE DIAPHRAGM SPLICE D12 JL6A													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
28	W-SPL	TCB	M 22* 65			0.14	I	0.14					
JL6A							E	0.53	I	0.18	M	1.04	

APPROACH BRIDGE DIAPHRAGM SPLICE D12 JL7													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL7							E	0.53	I	0.17	M	1.04	

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DIAPHRAGM SPLICE D12 JL8														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10				
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13				
8	F-SPL	TCB	M 22* 65			0.04	I	0.04						
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66				
21	W-SPL	TCB	M 22* 65			0.11	I	0.11						
							JL8	E	0.45	I	0.15	M	0.89	
							D12	E	4.61	I	1.50	M	9.06	

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DIAPHRAGM SPLICE D13 JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66		
21	W-SPL	TCB	M 22* 65			0.11	I	0.11				
JL1							E	0.45	I	0.15	M	0.89

APPROACH BRIDGE DIAPHRAGM SPLICE D13 JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL2							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE DIAPHRAGM SPLICE D13 JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL3							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE DIAPHRAGM SPLICE D13 JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL4							E	0.53	I	0.17	M	1.04

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DIAPHRAGM SPLICE D13 JL5													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL5							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE DIAPHRAGM SPLICE D13 JL6													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL6							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE DIAPHRAGM SPLICE D13 JL6A													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
28	W-SPL	TCB	M 22* 65			0.14	I	0.14					
JL6A							E	0.53	I	0.18	M	1.04	

APPROACH BRIDGE DIAPHRAGM SPLICE D13 JL7													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL7							E	0.53	I	0.17	M	1.04	

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DIAPHRAGM SPLICE D13 JL8														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10				
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13				
8	F-SPL	TCB	M 22* 65			0.04	I	0.04						
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66				
21	W-SPL	TCB	M 22* 65			0.11	I	0.11						
							JL8	E	0.45	I	0.15	M	0.89	
							D13	E	4.61	I	1.50	M	9.06	

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DIAPHRAGM SPLICE D14 JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66		
21	W-SPL	TCB	M 22* 65			0.11	I	0.11				
JL1							E	0.45	I	0.15	M	0.89

APPROACH BRIDGE DIAPHRAGM SPLICE D14 JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL2							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE DIAPHRAGM SPLICE D14 JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL3							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE DIAPHRAGM SPLICE D14 JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL4							E	0.53	I	0.17	M	1.04

Caluculation of Steel Primer

(Unit: mm, m²)

APPROACH BRIDGE DIAPHRAGM SPLICE D14 JL5													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL5							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE DIAPHRAGM SPLICE D14 JL6													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL6							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE DIAPHRAGM SPLICE D14 JL6A													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
28	W-SPL	TCB	M 22* 65			0.14	I	0.14					
JL6A							E	0.53	I	0.18	M	1.04	

APPROACH BRIDGE DIAPHRAGM SPLICE D14 JL7													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL7							E	0.53	I	0.17	M	1.04	

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DIAPHRAGM SPLICE D14 JL8														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10				
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13				
8	F-SPL	TCB	M 22* 65			0.04	I	0.04						
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66				
21	W-SPL	TCB	M 22* 65			0.11	I	0.11						
							JL8	E	0.45	I	0.15	M	0.89	
							D14	E	4.61	I	1.50	M	9.06	

Caluculation of Steel Primer

(Unit: mm, m²)

APPROACH BRIDGE DIAPHRAGM SPLICE D15 JL1													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66			
21	W-SPL	TCB	M 22* 65			0.11	I	0.11					
JL1							E	0.45	I	0.15	M	0.89	

APPROACH BRIDGE DIAPHRAGM SPLICE D15 JL2													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL2							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE DIAPHRAGM SPLICE D15 JL3													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL3							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE DIAPHRAGM SPLICE D15 JL4													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL4							E	0.53	I	0.17	M	1.04	

Caluculation of Steel Primer

(Unit: mm, m²)

APPROACH BRIDGE DIAPHRAGM SPLICE D15 JL5												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL5							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE DIAPHRAGM SPLICE D15 JL6												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL6							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE DIAPHRAGM SPLICE D15 JL6A												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		
28	W-SPL	TCB	M 22* 65			0.14	I	0.14				
JL6A							E	0.53	I	0.18	M	1.04

APPROACH BRIDGE DIAPHRAGM SPLICE D15 JL7												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL7							E	0.53	I	0.17	M	1.04

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DIAPHRAGM SPLICE D15 JL8														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10				
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13				
8	F-SPL	TCB	M 22* 65			0.04	I	0.04						
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66				
21	W-SPL	TCB	M 22* 65			0.11	I	0.11						
							JL8	E	0.45	I	0.15	M	0.89	
							D15	E	4.61	I	1.50	M	9.06	

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DIAPHRAGM SPLICE D16 JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66		
21	W-SPL	TCB	M 22* 65			0.11	I	0.11				
JL1							E	0.45	I	0.15	M	0.89

APPROACH BRIDGE DIAPHRAGM SPLICE D16 JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL2							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE DIAPHRAGM SPLICE D16 JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL3							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE DIAPHRAGM SPLICE D16 JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL4							E	0.53	I	0.17	M	1.04

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DIAPHRAGM SPLICE D16 JL5													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL5							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE DIAPHRAGM SPLICE D16 JL6													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL6							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE DIAPHRAGM SPLICE D16 JL7													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL7							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE DIAPHRAGM SPLICE D16 JL8													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66			
21	W-SPL	TCB	M 22* 65			0.11	I	0.11					
JL8							E	0.45	I	0.15	M	0.89	

Caluculation of Steel Primer

(Unit: mm,m²)

D16	E	4.08	I	1.32	M	8.02		
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Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DIAPHRAGM SPLICE D17 JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66		
21	W-SPL	TCB	M 22* 65			0.11	I	0.11				
JL1							E	0.45	I	0.15	M	0.89

APPROACH BRIDGE DIAPHRAGM SPLICE D17 JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL2							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE DIAPHRAGM SPLICE D17 JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL3							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE DIAPHRAGM SPLICE D17 JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL4							E	0.53	I	0.17	M	1.04

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DIAPHRAGM SPLICE D17 JL5												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL5							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE DIAPHRAGM SPLICE D17 JL6												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL6							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE DIAPHRAGM SPLICE D17 JL7												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL7							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE DIAPHRAGM SPLICE D17 JL8												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66		
21	W-SPL	TCB	M 22* 65			0.11	I	0.11				
JL8							E	0.45	I	0.15	M	0.89

Caluculation of Steel Primer

(Unit: mm,m²)

D17	E	4.08	I	1.32	M	8.02		
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Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DIAPHRAGM SPLICE D18 JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66		
21	W-SPL	TCB	M 22* 65			0.11	I	0.11				
JL1							E	0.45	I	0.15	M	0.89

APPROACH BRIDGE DIAPHRAGM SPLICE D18 JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL2							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE DIAPHRAGM SPLICE D18 JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL3							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE DIAPHRAGM SPLICE D18 JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL4							E	0.53	I	0.17	M	1.04

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DIAPHRAGM SPLICE D18 JL5													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL5							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE DIAPHRAGM SPLICE D18 JL6													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL6							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE DIAPHRAGM SPLICE D18 JL7													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL7							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE DIAPHRAGM SPLICE D18 JL8													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66			
21	W-SPL	TCB	M 22* 65			0.11	I	0.11					
JL8							E	0.45	I	0.15	M	0.89	

Caluculation of Steel Primer

(Unit: mm,m²)

D18	E	4.08	I	1.32	M	8.02		
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Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DIAPHRAGM SPLICE D19 JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66		
21	W-SPL	TCB	M 22* 65			0.11	I	0.11				
JL1							E	0.45	I	0.15	M	0.89

APPROACH BRIDGE DIAPHRAGM SPLICE D19 JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL2							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE DIAPHRAGM SPLICE D19 JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL3							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE DIAPHRAGM SPLICE D19 JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL4							E	0.53	I	0.17	M	1.04

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DIAPHRAGM SPLICE D19 JL5													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL5							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE DIAPHRAGM SPLICE D19 JL6													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL6							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE DIAPHRAGM SPLICE D19 JL7													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL7							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE DIAPHRAGM SPLICE D19 JL8													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66			
21	W-SPL	TCB	M 22* 65			0.11	I	0.11					
JL8							E	0.45	I	0.15	M	0.89	

Caluculation of Steel Primer

(Unit: mm,m²)

D19	E	4.08	I	1.32	M	8.02		
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Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DIAPHRAGM SPLICE D20 JL1													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66			
21	W-SPL	TCB	M 22* 65			0.11	I	0.11					
JL1							E	0.45	I	0.15	M	0.89	

APPROACH BRIDGE DIAPHRAGM SPLICE D20 JL2													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL2							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE DIAPHRAGM SPLICE D20 JL3													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL3							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE DIAPHRAGM SPLICE D20 JL4													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL4							E	0.53	I	0.17	M	1.04	

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DIAPHRAGM SPLICE D20 JL5													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL5							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE DIAPHRAGM SPLICE D20 JL6													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL6							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE DIAPHRAGM SPLICE D20 JL7													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL7							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE DIAPHRAGM SPLICE D20 JL8													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66			
21	W-SPL	TCB	M 22* 65			0.11	I	0.11					
JL8							E	0.45	I	0.15	M	0.89	

Caluculation of Steel Primer

(Unit: mm,m²)

D20	E	4.08	I	1.32	M	8.02		
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Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DIAPHRAGM SPLICE D21 JL1													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66			
21	W-SPL	TCB	M 22* 65			0.11	I	0.11					
JL1							E	0.45	I	0.15	M	0.89	

APPROACH BRIDGE DIAPHRAGM SPLICE D21 JL2													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL2							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE DIAPHRAGM SPLICE D21 JL3													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL3							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE DIAPHRAGM SPLICE D21 JL4													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL4							E	0.53	I	0.17	M	1.04	

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DIAPHRAGM SPLICE D21 JL5												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL5							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE DIAPHRAGM SPLICE D21 JL6												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL6							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE DIAPHRAGM SPLICE D21 JL7												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL7							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE DIAPHRAGM SPLICE D21 JL8												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66		
21	W-SPL	TCB	M 22* 65			0.11	I	0.11				
JL8							E	0.45	I	0.15	M	0.89

Caluculation of Steel Primer

(Unit: mm,m²)

D21	E	4.08	I	1.32	M	8.02		
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Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DIAPHRAGM SPLICE D22 JL1													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66			
21	W-SPL	TCB	M 22* 65			0.11	I	0.11					
JL1							E	0.45	I	0.15	M	0.89	

APPROACH BRIDGE DIAPHRAGM SPLICE D22 JL2													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL2							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE DIAPHRAGM SPLICE D22 JL3													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL3							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE DIAPHRAGM SPLICE D22 JL4													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL4							E	0.53	I	0.17	M	1.04	

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DIAPHRAGM SPLICE D22 JL5													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL5							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE DIAPHRAGM SPLICE D22 JL6													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL6							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE DIAPHRAGM SPLICE D22 JL7													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL7							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE DIAPHRAGM SPLICE D22 JL8													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66			
21	W-SPL	TCB	M 22* 65			0.11	I	0.11					
JL8							E	0.45	I	0.15	M	0.89	

Caluculation of Steel Primer

(Unit: mm,m²)

D22	E	4.08	I	1.32	M	8.02		
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Caluculation of Steel Primer

(Unit: mm, m²)

APPROACH BRIDGE DIAPHRAGM SPLICE D23 JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66		
21	W-SPL	TCB	M 22* 65			0.11	I	0.11				
JL1							E	0.45	I	0.15	M	0.89

APPROACH BRIDGE DIAPHRAGM SPLICE D23 JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL2							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE DIAPHRAGM SPLICE D23 JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL3							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE DIAPHRAGM SPLICE D23 JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL4							E	0.53	I	0.17	M	1.04

Caluculation of Steel Primer

(Unit: mm, m²)

APPROACH BRIDGE DIAPHRAGM SPLICE D23 JL4A												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		
28	W-SPL	TCB	M 22* 65			0.14	I	0.14				
JL4A							E	0.53	I	0.18	M	1.04

APPROACH BRIDGE DIAPHRAGM SPLICE D23 JL5												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL5							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE DIAPHRAGM SPLICE D23 JL6												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL6							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE DIAPHRAGM SPLICE D23 JL7												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL7							E	0.53	I	0.17	M	1.04

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DIAPHRAGM SPLICE D23 JL8														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10				
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13				
8	F-SPL	TCB	M 22* 65			0.04	I	0.04						
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66				
21	W-SPL	TCB	M 22* 65			0.11	I	0.11						
							JL8	E	0.45	I	0.15	M	0.89	
							D23	E	4.61	I	1.50	M	9.06	

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DIAPHRAGM SPLICE D24 JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66		
21	W-SPL	TCB	M 22* 65			0.11	I	0.11				
JL1							E	0.45	I	0.15	M	0.89

APPROACH BRIDGE DIAPHRAGM SPLICE D24 JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL2							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE DIAPHRAGM SPLICE D24 JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL3							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE DIAPHRAGM SPLICE D24 JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL4							E	0.53	I	0.17	M	1.04

Caluculation of Steel Primer

(Unit: mm, m²)

APPROACH BRIDGE DIAPHRAGM SPLICE D24 JL4A												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		
28	W-SPL	TCB	M 22* 65			0.14	I	0.14				
JL4A							E	0.53	I	0.18	M	1.04

APPROACH BRIDGE DIAPHRAGM SPLICE D24 JL5												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL5							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE DIAPHRAGM SPLICE D24 JL6												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL6							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE DIAPHRAGM SPLICE D24 JL7												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL7							E	0.53	I	0.17	M	1.04

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DIAPHRAGM SPLICE D24 JL8														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10				
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13				
8	F-SPL	TCB	M 22* 65			0.04	I	0.04						
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66				
21	W-SPL	TCB	M 22* 65			0.11	I	0.11						
							JL8	E	0.45	I	0.15	M	0.89	
							D24	E	4.61	I	1.50	M	9.06	

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DIAPHRAGM SPLICE D25 JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66		
21	W-SPL	TCB	M 22* 65			0.11	I	0.11				
JL1							E	0.45	I	0.15	M	0.89

APPROACH BRIDGE DIAPHRAGM SPLICE D25 JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL2							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE DIAPHRAGM SPLICE D25 JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL3							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE DIAPHRAGM SPLICE D25 JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL4							E	0.53	I	0.17	M	1.04

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DIAPHRAGM SPLICE D25 JL4A												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		
28	W-SPL	TCB	M 22* 65			0.14	I	0.14				
JL4A							E	0.53	I	0.18	M	1.04

APPROACH BRIDGE DIAPHRAGM SPLICE D25 JL5												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL5							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE DIAPHRAGM SPLICE D25 JL6												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL6							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE DIAPHRAGM SPLICE D25 JL7												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL7							E	0.53	I	0.17	M	1.04

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DIAPHRAGM SPLICE D25 JL8														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10				
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13				
8	F-SPL	TCB	M 22* 65			0.04	I	0.04						
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66				
21	W-SPL	TCB	M 22* 65			0.11	I	0.11						
							JL8	E	0.45	I	0.15	M	0.89	
							D25	E	4.61	I	1.50	M	9.06	

Caluculation of Steel Primer

(Unit: mm, m²)

APPROACH BRIDGE DIAPHRAGM SPLICE D26 JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66		
21	W-SPL	TCB	M 22* 65			0.11	I	0.11				
JL1							E	0.45	I	0.15	M	0.89

APPROACH BRIDGE DIAPHRAGM SPLICE D26 JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL2							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE DIAPHRAGM SPLICE D26 JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL3							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE DIAPHRAGM SPLICE D26 JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL4							E	0.53	I	0.17	M	1.04

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DIAPHRAGM SPLICE D26 JL4A												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		
28	W-SPL	TCB	M 22* 65			0.14	I	0.14				
JL4A							E	0.53	I	0.18	M	1.04

APPROACH BRIDGE DIAPHRAGM SPLICE D26 JL5												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL5							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE DIAPHRAGM SPLICE D26 JL6												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL6							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE DIAPHRAGM SPLICE D26 JL7												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL7							E	0.53	I	0.17	M	1.04

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DIAPHRAGM SPLICE D26 JL8														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10				
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13				
8	F-SPL	TCB	M 22* 65			0.04	I	0.04						
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66				
21	W-SPL	TCB	M 22* 65			0.11	I	0.11						
							JL8	E	0.45	I	0.15	M	0.89	
							D26	E	4.61	I	1.50	M	9.06	

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DIAPHRAGM SPLICE D27 JL1													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	F	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	F	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	J	0.04					
2	W-SPL	PL	297* 9	556		0.66	F	0.33	M	0.66			
21	W-SPL	TCB	M 22* 65			0.11	J	0.11					
JL1							F	0.45	J	0.15	M	0.89	

APPROACH BRIDGE DIAPHRAGM SPLICE D27 JL2													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	F	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	F	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	J	0.04					
2	W-SPL	PL	297* 9	685		0.81	F	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	J	0.13					
JL2							F	0.53	J	0.17	M	1.04	

APPROACH BRIDGE DIAPHRAGM SPLICE D27 JL3													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	F	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	F	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	J	0.04					
2	W-SPL	PL	297* 9	685		0.81	F	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	J	0.13					
JL3							F	0.53	J	0.17	M	1.04	

APPROACH BRIDGE DIAPHRAGM SPLICE D27 JL4													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	F	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	F	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	J	0.04					
2	W-SPL	PL	297* 9	685		0.81	F	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	J	0.13					
JL4							F	0.53	J	0.17	M	1.04	

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DIAPHRAGM SPLICE D27 JL4A													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	F	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	F	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	J	0.04					
2	W-SPL	PL	297* 9	686		0.81	F	0.41	M	0.81			
28	W-SPL	TCB	M 22* 65			0.14	J	0.14					
JL4A							F	0.53	J	0.18	M	1.04	

APPROACH BRIDGE DIAPHRAGM SPLICE D27 JL5													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	F	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	F	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	J	0.04					
2	W-SPL	PL	297* 9	685		0.81	F	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	J	0.13					
JL5							F	0.53	J	0.17	M	1.04	

APPROACH BRIDGE DIAPHRAGM SPLICE D27 JL6													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	F	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	F	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	J	0.04					
2	W-SPL	PL	297* 9	685		0.81	F	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	J	0.13					
JL6							F	0.53	J	0.17	M	1.04	

APPROACH BRIDGE DIAPHRAGM SPLICE D27 JL7													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	F	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	F	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	J	0.04					
2	W-SPL	PL	297* 9	685		0.81	F	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	J	0.13					
JL7							F	0.53	J	0.17	M	1.04	

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE DIAPHRAGM SPLICE D27 JL8														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
2	F-SPL	PL	80* 9	297		0.10	F	0.05	M	0.10				
1	F-SPL	PL	220* 9	297		0.13	F	0.07	M	0.13				
8	F-SPL	TCB	M 22* 65			0.04	J	0.04						
2	W-SPL	PL	297* 9	556		0.66	F	0.33	M	0.66				
21	W-SPL	TCB	M 22* 65			0.11	J	0.11						
JL8							F	0.45	J	0.15	M	0.89		
D27							F	4.61	J	1.50	M	9.06		
DIAPHRAGM SPLICE							E	115.25	F	10.28	I	37.50	J	3.36
							M	246.70						
APPROACH BRIDGE							E	115.25	F	10.28	I	37.50	J	3.36
							M	246.70						

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM R1 LL1-JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1024		0.47	B	0.47				
1	WEB	PL	636* 9	1113	65	0.92	B	0.92				
1	VSTF	PL	90* 9	509		0.09	B	0.09				
LL1-JL1							B	1.48				

APPROACH BRIDGE CROSSBEAM R1 JL1-JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	633		0.29	B	0.29				
1	FLG	PL	230* 10	168		0.08	B	0.08				
1	CR-FLG	PL	230* 10	2545		1.17	B	1.17				
1	CR-FLG	PL	100* 10	1721		0.34	B	0.34				
1	WEB	PL	788* 9	609	55	0.53	B	0.53				
1	CR-WEB	PL	800* 9	2990		4.78	B	4.78				
1	CR-WEB	PL	400* 9	1714		1.37	B	1.37				
1	WEB	PL	803* 9	168		0.27	B	0.27				
2	CR-VSTF	PL	90* 9	503		0.18	C	0.18				
1	CR-VSTF	PL	240* 19	1808		0.87	C	0.87				
1	CR-VSTF	PL	240* 19	1510		0.72	C	0.72				
JL1-JL2							B	8.83	C	1.77		

APPROACH BRIDGE CROSSBEAM R1 JL2-JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1285		0.59	B	0.59				
1	WEB	PL	800* 9	1301	85	1.77	B	1.77				
1	VSTF	PL	90* 9	495		0.09	B	0.09				
JL2-JL3							B	2.45				

APPROACH BRIDGE CROSSBEAM R1 JL3-JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	169		0.08	B	0.08				
1	FLG	PL	230* 10	169		0.08	B	0.08				
1	CR-FLG	PL	230* 10	2690		1.24	B	1.24				
1	CR-FLG	PL	100* 10	2690		0.54	B	0.54				
1	WEB	PL	803* 9	169		0.27	B	0.27				
1	WEB	PL	803* 9	169		0.27	B	0.27				

Caluculation of Steel Primer

(Unit: mm, m²)

1	CR-WEB	PL	800* 9	2707		4.33	B	4.33						
1	CR-WEB	PL	400* 9	2690		2.15	B	2.15						
2	CR-VSTF	PL	90* 9	765		0.28	C	0.28						
1	CR-VSTF	PL	190* 15	1457		0.55	C	0.55						
1	CR-VSTF	PL	190* 15	1507		0.57	C	0.57						
JL3-JL4								B	8.96	C	1.40			

APPROACH BRIDGE CROSSBEAM R1 JL4-JL5														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	2936		1.35	B	1.35						
1	WEB	PL	829* 9	2935	85	4.14	B	4.14						
2	VSTF	PL	90* 9	765		0.28	B	0.28						
JL4-JL5								B	5.77					

APPROACH BRIDGE CROSSBEAM R1 JL5-JL6														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	169		0.08	B	0.08						
1	FLG	PL	260* 10	169		0.09	B	0.09						
1	CR-FLG	PL	260* 10	2691		1.40	B	1.40						
1	CR-FLG	PL	100* 10	2690		0.54	B	0.54						
1	WEB	PL	803* 9	169		0.27	B	0.27						
1	WEB	PL	803* 9	169		0.27	B	0.27						
1	CR-WEB	PL	800* 9	2707		4.33	B	4.33						
1	CR-WEB	PL	400* 9	2690		2.15	B	2.15						
2	CR-VSTF	PL	90* 9	765		0.28	C	0.28						
1	CR-VSTF	PL	190* 15	1457		0.55	C	0.55						
1	CR-VSTF	PL	190* 15	1507		0.57	C	0.57						
JL5-JL6								B	9.13	C	1.40			

APPROACH BRIDGE CROSSBEAM R1 JL6-JL6A														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	260* 10	1895		0.99	B	0.99						
1	WEB	PL	800* 9	1911	85	2.60	B	2.60						
1	VSTF	PL	90* 9	503		0.09	B	0.09						
JL6-JL6A								B	3.68					

APPROACH BRIDGE CROSSBEAM R1 JL6A-JL6B														
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Caluculation of Steel Primer

(Unit: mm, m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	FLG	PL	260* 10	1915		1.00	B	1.00				
1	WEB	PL	800* 9	1931	85	2.63	B	2.63				
2	VSTF	PL	90* 9	503		0.18	B	0.18				
JL6A-JL6B							B	3.81				

APPROACH BRIDGE CROSSBEAM R1 JL6B-JL6C												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	FLG	PL	260* 10	1915		1.00	B	1.00				
1	WEB	PL	800* 9	1931	85	2.63	B	2.63				
2	VSTF	PL	90* 9	503		0.18	B	0.18				
JL6B-JL6C							B	3.81				

APPROACH BRIDGE CROSSBEAM R1 JL6C-JL7												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	FLG	PL	260* 10	1987		1.03	B	1.03				
1	WEB	PL	800* 9	2003	85	2.72	B	2.72				
1	VSTF	PL	90* 9	503		0.09	B	0.09				
JL6C-JL7							B	3.84				

APPROACH BRIDGE CROSSBEAM R1 JL7-JL8												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	FLG	PL	260* 10	174		0.09	B	0.09				
1	FLG	PL	230* 10	633		0.29	B	0.29				
1	CR-FLG	PL	260* 10	2546		1.32	B	1.32				
1	CR-FLG	PL	100* 10	1721		0.34	B	0.34				
1	WEB	PL	788* 9	611	55	0.53	B	0.53				
1	WEB	PL	803* 9	168		0.27	B	0.27				
1	CR-WEB	PL	800* 9	2990		4.78	B	4.78				
1	CR-WEB	PL	400* 9	1714		1.37	B	1.37				
2	CR-VSTF	PL	90* 9	503		0.18	C	0.18				
1	CR-VSTF	PL	240* 19	1808		0.87	C	0.87				
1	CR-VSTF	PL	240* 19	1510		0.72	C	0.72				
JL7-JL8							B	8.99	C	1.77		

APPROACH BRIDGE CROSSBEAM R1 JL8-RR1												
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Caluculation of Steel Primer

(Unit: mm,m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks	
1	FLG	PL	230* 10	1024		0.47	B	0.47					
1	WEB	PL	636* 9	1113	65	0.92	B	0.92					
1	VSTF	PL	90* 9	509		0.09	B	0.09					
JL8-RR1							B	1.48					
R1							B	62.23	C	6.34			

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM R2 LL1-JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1024		0.47	B	0.47				
1	WEB	PL	636* 9	1113	65	0.92	B	0.92				
1	VSTF	PL	90* 9	509		0.09	B	0.09				
LL1-JL1							B	1.48				

APPROACH BRIDGE CROSSBEAM R2 JL1-JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	633		0.29	B	0.29				
1	FLG	PL	230* 10	168		0.08	B	0.08				
1	CR-FLG	PL	230* 10	2545		1.17	B	1.17				
1	CR-FLG	PL	100* 10	1721		0.34	B	0.34				
1	WEB	PL	788* 9	609	55	0.53	B	0.53				
1	CR-WEB	PL	800* 9	2990		4.78	B	4.78				
1	CR-WEB	PL	400* 9	1714		1.37	B	1.37				
1	WEB	PL	803* 9	168		0.27	B	0.27				
2	CR-VSTF	PL	90* 9	503		0.18	C	0.18				
1	CR-VSTF	PL	240* 19	1808		0.87	C	0.87				
1	CR-VSTF	PL	240* 19	1510		0.72	C	0.72				
JL1-JL2							B	8.83	C	1.77		

APPROACH BRIDGE CROSSBEAM R2 JL2-JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1285		0.59	B	0.59				
1	WEB	PL	800* 9	1301	85	1.77	B	1.77				
1	VSTF	PL	90* 9	495		0.09	B	0.09				
JL2-JL3							B	2.45				

APPROACH BRIDGE CROSSBEAM R2 JL3-JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	169		0.08	B	0.08				
1	FLG	PL	230* 10	169		0.08	B	0.08				
1	CR-FLG	PL	230* 10	2690		1.24	B	1.24				
1	CR-FLG	PL	100* 10	2690		0.54	B	0.54				
1	WEB	PL	803* 9	169		0.27	B	0.27				
1	WEB	PL	803* 9	169		0.27	B	0.27				

Caluculation of Steel Primer

(Unit: mm, m²)

1	CR-WEB	PL	800* 9	2707		4.33	B	4.33						
1	CR-WEB	PL	400* 9	2690		2.15	B	2.15						
2	CR-VSTF	PL	90* 9	765		0.28	C	0.28						
1	CR-VSTF	PL	190* 15	1457		0.55	C	0.55						
1	CR-VSTF	PL	190* 15	1507		0.57	C	0.57						
JL3-JL4								B	8.96	C	1.40			

APPROACH BRIDGE CROSSBEAM R2 JL4-JL5														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	2936		1.35	B	1.35						
1	WEB	PL	829* 9	2935	85	4.14	B	4.14						
2	VSTF	PL	90* 9	765		0.28	B	0.28						
JL4-JL5								B	5.77					

APPROACH BRIDGE CROSSBEAM R2 JL5-JL6														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	169		0.08	B	0.08						
1	FLG	PL	230* 10	169		0.08	B	0.08						
1	CR-FLG	PL	230* 10	2691		1.24	B	1.24						
1	CR-FLG	PL	100* 10	2690		0.54	B	0.54						
1	WEB	PL	803* 9	169		0.27	B	0.27						
1	WEB	PL	803* 9	169		0.27	B	0.27						
1	CR-WEB	PL	800* 9	2707		4.33	B	4.33						
1	CR-WEB	PL	400* 9	2690		2.15	B	2.15						
2	CR-VSTF	PL	90* 9	765		0.28	C	0.28						
1	CR-VSTF	PL	190* 15	1457		0.55	C	0.55						
1	CR-VSTF	PL	190* 15	1507		0.57	C	0.57						
JL5-JL6								B	8.96	C	1.40			

APPROACH BRIDGE CROSSBEAM R2 JL6-JL6A														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	1895		0.87	B	0.87						
1	WEB	PL	800* 9	1911	85	2.60	B	2.60						
1	VSTF	PL	90* 9	503		0.09	B	0.09						
JL6-JL6A								B	3.56					

APPROACH BRIDGE CROSSBEAM R2 JL6A-JL6B														
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Caluculation of Steel Primer

(Unit: mm, m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	FLG	PL	230* 10	1915		0.88	B	0.88				
1	WEB	PL	800* 9	1931	85	2.63	B	2.63				
2	VSTF	PL	90* 9	503		0.18	B	0.18				
JL6A-JL6B							B	3.69				

APPROACH BRIDGE CROSSBEAM R2 JL6B-JL6C												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	FLG	PL	230* 10	1915		0.88	B	0.88				
1	WEB	PL	800* 9	1931	85	2.63	B	2.63				
2	VSTF	PL	90* 9	503		0.18	B	0.18				
JL6B-JL6C							B	3.69				

APPROACH BRIDGE CROSSBEAM R2 JL6C-JL7												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	FLG	PL	230* 10	1749		0.80	B	0.80				
1	WEB	PL	800* 9	1765	85	2.40	B	2.40				
1	VSTF	PL	90* 9	503		0.09	B	0.09				
JL6C-JL7							B	3.29				

APPROACH BRIDGE CROSSBEAM R2 JL7-JL8												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	FLG	PL	230* 10	174		0.08	B	0.08				
1	FLG	PL	230* 10	633		0.29	B	0.29				
1	CR-FLG	PL	230* 10	2546		1.17	B	1.17				
1	CR-FLG	PL	100* 10	1721		0.34	B	0.34				
1	WEB	PL	788* 9	611	55	0.53	B	0.53				
1	WEB	PL	803* 9	168		0.27	B	0.27				
1	CR-WEB	PL	800* 9	2990		4.78	B	4.78				
1	CR-WEB	PL	400* 9	1714		1.37	B	1.37				
2	CR-VSTF	PL	90* 9	503		0.18	C	0.18				
1	CR-VSTF	PL	240* 19	1808		0.87	C	0.87				
1	CR-VSTF	PL	240* 19	1510		0.72	C	0.72				
JL7-JL8							B	8.83	C	1.77		

APPROACH BRIDGE CROSSBEAM R2 JL8-RR1												
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Caluculation of Steel Primer

(Unit: mm,m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks		
1	FLG	PL	230* 10	1024		0.47	B	0.47						
1	WEB	PL	636* 9	1113	65	0.92	B	0.92						
1	VSTF	PL	90* 9	509		0.09	B	0.09						
JL8-RR1							B	1.48						
R2							B	60.99	C	6.34				

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM R3 LL1-JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1024		0.47	A	0.47				
1	WEB	PL	636* 9	1113	65	0.92	A	0.92				
1	VSTF	PL	90* 9	509		0.09	A	0.09				
LL1-JL1							A	1.48				

APPROACH BRIDGE CROSSBEAM R3 JL1-JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	633		0.29	A	0.29				
1	FLG	PL	230* 10	168		0.08	A	0.08				
1	CR-FLG	PL	230* 10	2545		1.17	A	1.17				
1	CR-FLG	PL	100* 10	1721		0.34	A	0.34				
1	WEB	PL	788* 9	609	55	0.53	A	0.53				
1	CR-WEB	PL	800* 9	2990		4.78	A	4.78				
1	CR-WEB	PL	400* 9	1714		1.37	A	1.37				
1	WEB	PL	803* 9	168		0.27	A	0.27				
2	CR-VSTF	PL	90* 9	503		0.18	C	0.18				
1	CR-VSTF	PL	240* 19	1808		0.87	C	0.87				
1	CR-VSTF	PL	240* 19	1510		0.72	C	0.72				
JL1-JL2							A	8.83	C	1.77		

APPROACH BRIDGE CROSSBEAM R3 JL2-JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1285		0.59	A	0.59				
1	WEB	PL	800* 9	1301	85	1.77	A	1.77				
1	VSTF	PL	90* 9	495		0.09	A	0.09				
JL2-JL3							A	2.45				

APPROACH BRIDGE CROSSBEAM R3 JL3-JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08				
1	FLG	PL	230* 10	169		0.08	A	0.08				
1	CR-FLG	PL	230* 10	2690		1.24	A	1.24				
1	CR-FLG	PL	100* 10	2690		0.54	A	0.54				
1	WEB	PL	803* 9	169		0.27	A	0.27				
1	WEB	PL	803* 9	169		0.27	A	0.27				

Caluculation of Steel Primer

(Unit: mm, m²)

1	CR-WEB	PL	800* 9	2707		4.33	A	4.33						
1	CR-WEB	PL	400* 9	2690		2.15	A	2.15						
2	CR-VSTF	PL	90* 9	765		0.28	C	0.28						
1	CR-VSTF	PL	190* 15	1457		0.55	C	0.55						
1	CR-VSTF	PL	190* 15	1507		0.57	C	0.57						
JL3-JL4							A	8.96	C	1.40				

APPROACH BRIDGE CROSSBEAM R3 JL4-JL5														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	2936		1.35	A	1.35						
1	WEB	PL	829* 9	2935	85	4.14	A	4.14						
2	VSTF	PL	90* 9	765		0.28	A	0.28						
JL4-JL5							A	5.77						

APPROACH BRIDGE CROSSBEAM R3 JL5-JL6														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08						
1	FLG	PL	230* 10	169		0.08	A	0.08						
1	CR-FLG	PL	230* 10	2691		1.24	A	1.24						
1	CR-FLG	PL	100* 10	2690		0.54	A	0.54						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	CR-WEB	PL	800* 9	2707		4.33	A	4.33						
1	CR-WEB	PL	400* 9	2690		2.15	A	2.15						
2	CR-VSTF	PL	90* 9	765		0.28	C	0.28						
1	CR-VSTF	PL	190* 15	1457		0.55	C	0.55						
1	CR-VSTF	PL	190* 15	1507		0.57	C	0.57						
JL5-JL6							A	8.96	C	1.40				

APPROACH BRIDGE CROSSBEAM R3 JL6-JL6A														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	1895		0.87	A	0.87						
1	WEB	PL	800* 9	1911	85	2.60	A	2.60						
1	VSTF	PL	90* 9	503		0.09	A	0.09						
JL6-JL6A							A	3.56						

APPROACH BRIDGE CROSSBEAM R3 JL6A-JL6B														
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Caluculation of Steel Primer

(Unit: mm, m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
1	FLG	PL	230* 10	1915		0.88	A	0.88					
1	WEB	PL	800* 9	1931	85	2.63	A	2.63					
2	VSTF	PL	90* 9	503		0.18	A	0.18					
JL6A-JL6B							A	3.69					

APPROACH BRIDGE CROSSBEAM R3 JL6B-JL6C													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
1	FLG	PL	230* 10	1915		0.88	A	0.88					
1	WEB	PL	800* 9	1931	85	2.63	A	2.63					
2	VSTF	PL	90* 9	503		0.18	A	0.18					
JL6B-JL6C							A	3.69					

APPROACH BRIDGE CROSSBEAM R3 JL6C-JL7													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
1	FLG	PL	230* 10	1502		0.69	A	0.69					
1	WEB	PL	800* 9	1518	85	2.06	A	2.06					
1	VSTF	PL	90* 9	503		0.09	A	0.09					
JL6C-JL7							A	2.84					

APPROACH BRIDGE CROSSBEAM R3 JL7-JL8														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
1	FLG	PL	230* 10	174		0.08	A	0.08						
1	FLG	PL	230* 10	633		0.29	A	0.29						
1	CR-FLG	PL	230* 10	2546		1.17	A	1.17						
1	CR-FLG	PL	100* 10	1721		0.34	A	0.34						
1	WEB	PL	788* 9	611	55	0.53	A	0.53						
1	WEB	PL	803* 9	168		0.27	A	0.27						
1	CR-WEB	PL	800* 9	2990		4.78	A	4.78						
1	CR-WEB	PL	400* 9	1714		1.37	A	1.37						
2	CR-VSTF	PL	90* 9	503		0.18	C	0.18						
1	CR-VSTF	PL	240* 19	1808		0.87	C	0.87						
1	CR-VSTF	PL	240* 19	1510		0.72	C	0.72						
JL7-JL8							A	8.83	C	1.77				

APPROACH BRIDGE CROSSBEAM R3 JL8-RR1												
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Caluculation of Steel Primer

(Unit: mm,m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
1	FLG	PL	230* 10	1024		0.47	A	0.47					
1	WEB	PL	636* 9	1113	65	0.92	A	0.92					
1	VSTF	PL	90* 9	509		0.09	A	0.09					
JL8-RR1							A	1.48					
R3							A	60.54	C	6.34			

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM R4 LL1-JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1024		0.47	A	0.47				
1	WEB	PL	636* 9	1113	65	0.92	A	0.92				
1	VSTF	PL	90* 9	509		0.09	A	0.09				
LL1-JL1							A	1.48				

APPROACH BRIDGE CROSSBEAM R4 JL1-JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	633		0.29	A	0.29				
1	FLG	PL	230* 10	168		0.08	A	0.08				
1	CR-FLG	PL	230* 10	2545		1.17	A	1.17				
1	CR-FLG	PL	100* 10	1721		0.34	A	0.34				
1	WEB	PL	788* 9	609	55	0.53	A	0.53				
1	CR-WEB	PL	800* 9	2990		4.78	A	4.78				
1	CR-WEB	PL	400* 9	1714		1.37	A	1.37				
1	WEB	PL	803* 9	168		0.27	A	0.27				
2	CR-VSTF	PL	90* 9	503		0.18	C	0.18				
1	CR-VSTF	PL	240* 19	1808		0.87	C	0.87				
1	CR-VSTF	PL	240* 19	1510		0.72	C	0.72				
JL1-JL2							A	8.83	C	1.77		

APPROACH BRIDGE CROSSBEAM R4 JL2-JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1285		0.59	A	0.59				
1	WEB	PL	800* 9	1301	85	1.77	A	1.77				
1	VSTF	PL	90* 9	495		0.09	A	0.09				
JL2-JL3							A	2.45				

APPROACH BRIDGE CROSSBEAM R4 JL3-JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08				
1	FLG	PL	230* 10	169		0.08	A	0.08				
1	CR-FLG	PL	230* 10	2690		1.24	A	1.24				
1	CR-FLG	PL	100* 10	2690		0.54	A	0.54				
1	WEB	PL	803* 9	169		0.27	A	0.27				
1	WEB	PL	803* 9	169		0.27	A	0.27				

Caluculation of Steel Primer

(Unit: mm, m²)

1	CR-WEB	PL	800* 9	2707		4.33	A	4.33						
1	CR-WEB	PL	400* 9	2690		2.15	A	2.15						
2	CR-VSTF	PL	90* 9	765		0.28	C	0.28						
1	CR-VSTF	PL	190* 15	1457		0.55	C	0.55						
1	CR-VSTF	PL	190* 15	1507		0.57	C	0.57						
JL3-JL4							A	8.96	C	1.40				

APPROACH BRIDGE CROSSBEAM R4 JL4-JL5														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	2936		1.35	A	1.35						
1	WEB	PL	829* 9	2935	85	4.14	A	4.14						
2	VSTF	PL	90* 9	765		0.28	A	0.28						
JL4-JL5							A	5.77						

APPROACH BRIDGE CROSSBEAM R4 JL5-JL6														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08						
1	FLG	PL	230* 10	169		0.08	A	0.08						
1	CR-FLG	PL	230* 10	2691		1.24	A	1.24						
1	CR-FLG	PL	100* 10	2690		0.54	A	0.54						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	CR-WEB	PL	800* 9	2707		4.33	A	4.33						
1	CR-WEB	PL	400* 9	2690		2.15	A	2.15						
2	CR-VSTF	PL	90* 9	765		0.28	C	0.28						
1	CR-VSTF	PL	190* 15	1457		0.55	C	0.55						
1	CR-VSTF	PL	190* 15	1507		0.57	C	0.57						
JL5-JL6							A	8.96	C	1.40				

APPROACH BRIDGE CROSSBEAM R4 JL6-JL6A														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	1895		0.87	A	0.87						
1	WEB	PL	800* 9	1911	85	2.60	A	2.60						
1	VSTF	PL	90* 9	503		0.09	A	0.09						
JL6-JL6A							A	3.56						

APPROACH BRIDGE CROSSBEAM R4 JL6A-JL6B														
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Caluculation of Steel Primer

(Unit: mm, m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	FLG	PL	230* 10	1915		0.88	A	0.88				
1	WEB	PL	800* 9	1931	85	2.63	A	2.63				
2	VSTF	PL	90* 9	503		0.18	A	0.18				
JL6A-JL6B							A	3.69				

APPROACH BRIDGE CROSSBEAM R4 JL6B-JL7												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	FLG	PL	230* 10	3183		1.46	A	1.46				
1	WEB	PL	800* 9	3199	85	4.35	A	4.35				
3	VSTF	PL	90* 9	503		0.27	A	0.27				
JL6B-JL7							A	6.08				

APPROACH BRIDGE CROSSBEAM R4 JL7-JL8												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	FLG	PL	230* 10	173		0.08	A	0.08				
1	FLG	PL	230* 10	633		0.29	A	0.29				
1	CR-FLG	PL	230* 10	2546		1.17	A	1.17				
1	CR-FLG	PL	100* 10	1721		0.34	A	0.34				
1	WEB	PL	788* 9	611	55	0.53	A	0.53				
1	WEB	PL	803* 9	168		0.27	A	0.27				
1	CR-WEB	PL	800* 9	2990		4.78	A	4.78				
1	CR-WEB	PL	400* 9	1714		1.37	A	1.37				
2	CR-VSTF	PL	90* 9	503		0.18	C	0.18				
1	CR-VSTF	PL	240* 19	1808		0.87	C	0.87				
1	CR-VSTF	PL	240* 19	1510		0.72	C	0.72				
JL7-JL8							A	8.83	C	1.77		

APPROACH BRIDGE CROSSBEAM R4 JL8-RR1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	FLG	PL	230* 10	1024		0.47	A	0.47				
1	WEB	PL	636* 9	1113	65	0.92	A	0.92				
1	VSTF	PL	90* 9	509		0.09	A	0.09				
JL8-RR1							A	1.48				
R4							A	60.09	C	6.34		

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM R5 LL1-JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1024		0.47	A	0.47				
1	WEB	PL	636* 9	1113	65	0.92	A	0.92				
1	VSTF	PL	90* 9	509		0.09	A	0.09				
LL1-JL1							A	1.48				

APPROACH BRIDGE CROSSBEAM R5 JL1-JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	633		0.29	A	0.29				
1	FLG	PL	230* 10	168		0.08	A	0.08				
1	CR-FLG	PL	230* 10	2545		1.17	A	1.17				
1	CR-FLG	PL	100* 10	1721		0.34	A	0.34				
1	WEB	PL	788* 9	609	55	0.53	A	0.53				
1	CR-WEB	PL	800* 9	2990		4.78	A	4.78				
1	CR-WEB	PL	400* 9	1714		1.37	A	1.37				
1	WEB	PL	803* 9	168		0.27	A	0.27				
2	CR-VSTF	PL	90* 9	503		0.18	C	0.18				
1	CR-VSTF	PL	240* 19	1808		0.87	C	0.87				
1	CR-VSTF	PL	240* 19	1510		0.72	C	0.72				
JL1-JL2							A	8.83	C	1.77		

APPROACH BRIDGE CROSSBEAM R5 JL2-JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1285		0.59	A	0.59				
1	WEB	PL	800* 9	1301	85	1.77	A	1.77				
1	VSTF	PL	90* 9	495		0.09	A	0.09				
JL2-JL3							A	2.45				

APPROACH BRIDGE CROSSBEAM R5 JL3-JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08				
1	FLG	PL	230* 10	168		0.08	A	0.08				
1	CR-FLG	PL	230* 10	2690		1.24	A	1.24				
1	CR-FLG	PL	100* 10	2690		0.54	A	0.54				
1	WEB	PL	803* 9	169		0.27	A	0.27				
1	WEB	PL	803* 9	169		0.27	A	0.27				

Caluculation of Steel Primer

(Unit: mm, m²)

1	CR-WEB	PL	800* 9	2707		4.33	A	4.33						
1	CR-WEB	PL	400* 9	2690		2.15	A	2.15						
2	CR-VSTF	PL	90* 9	765		0.28	C	0.28						
1	CR-VSTF	PL	190* 15	1457		0.55	C	0.55						
1	CR-VSTF	PL	190* 15	1507		0.57	C	0.57						
JL3-JL4							A	8.96	C	1.40				

APPROACH BRIDGE CROSSBEAM R5 JL4-JL5														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	2936		1.35	A	1.35						
1	WEB	PL	829* 9	2935	85	4.14	A	4.14						
2	VSTF	PL	90* 9	765		0.28	A	0.28						
JL4-JL5							A	5.77						

APPROACH BRIDGE CROSSBEAM R5 JL5-JL6														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08						
1	FLG	PL	230* 10	169		0.08	A	0.08						
1	CR-FLG	PL	230* 10	2691		1.24	A	1.24						
1	CR-FLG	PL	100* 10	2690		0.54	A	0.54						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	CR-WEB	PL	800* 9	2707		4.33	A	4.33						
1	CR-WEB	PL	400* 9	2690		2.15	A	2.15						
2	CR-VSTF	PL	90* 9	765		0.28	C	0.28						
1	CR-VSTF	PL	190* 15	1457		0.55	C	0.55						
1	CR-VSTF	PL	190* 15	1507		0.57	C	0.57						
JL5-JL6							A	8.96	C	1.40				

APPROACH BRIDGE CROSSBEAM R5 JL6-JL6A														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	1895		0.87	A	0.87						
1	WEB	PL	800* 9	1911	85	2.60	A	2.60						
1	VSTF	PL	90* 9	503		0.09	A	0.09						
JL6-JL6A							A	3.56						

APPROACH BRIDGE CROSSBEAM R5 JL6A-JL6B														
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Caluculation of Steel Primer

(Unit: mm,m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	FLG	PL	230* 10	1915		0.88	A	0.88				
1	WEB	PL	800* 9	1931	85	2.63	A	2.63				
2	VSTF	PL	90* 9	503		0.18	A	0.18				
JL6A-JL6B							A	3.69				

APPROACH BRIDGE CROSSBEAM R5 JL6B-JL7												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	FLG	PL	230* 10	2955		1.36	A	1.36				
1	WEB	PL	800* 9	2971	85	4.04	A	4.04				
2	VSTF	PL	90* 9	503		0.18	A	0.18				
JL6B-JL7							A	5.58				

APPROACH BRIDGE CROSSBEAM R5 JL7-JL8												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	FLG	PL	230* 10	173		0.08	A	0.08				
1	FLG	PL	230* 10	633		0.29	A	0.29				
1	CR-FLG	PL	230* 10	2546		1.17	A	1.17				
1	CR-FLG	PL	100* 10	1721		0.34	A	0.34				
1	WEB	PL	788* 9	611	55	0.53	A	0.53				
1	WEB	PL	803* 9	168		0.27	A	0.27				
1	CR-WEB	PL	800* 9	2990		4.78	A	4.78				
1	CR-WEB	PL	400* 9	1714		1.37	A	1.37				
2	CR-VSTF	PL	90* 9	503		0.18	C	0.18				
1	CR-VSTF	PL	240* 19	1808		0.87	C	0.87				
1	CR-VSTF	PL	240* 19	1510		0.72	C	0.72				
JL7-JL8							A	8.83	C	1.77		

APPROACH BRIDGE CROSSBEAM R5 JL8-RR1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	FLG	PL	230* 10	1024		0.47	A	0.47				
1	WEB	PL	636* 9	1113	65	0.92	A	0.92				
1	VSTF	PL	90* 9	509		0.09	A	0.09				
JL8-RR1							A	1.48				
R5							A	59.59	C	6.34		

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM R6 LL1-JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1024		0.47	A	0.47				
1	WEB	PL	636* 9	1113	65	0.92	A	0.92				
1	VSTF	PL	90* 9	509		0.09	A	0.09				
LL1-JL1							A	1.48				

APPROACH BRIDGE CROSSBEAM R6 JL1-JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	633		0.29	A	0.29				
1	FLG	PL	230* 10	168		0.08	A	0.08				
1	CR-FLG	PL	230* 10	2545		1.17	A	1.17				
1	CR-FLG	PL	100* 10	1721		0.34	A	0.34				
1	WEB	PL	788* 9	609	55	0.53	A	0.53				
1	CR-WEB	PL	800* 9	2990		4.78	A	4.78				
1	CR-WEB	PL	400* 9	1714		1.37	A	1.37				
1	WEB	PL	803* 9	168		0.27	A	0.27				
2	CR-VSTF	PL	90* 9	503		0.18	C	0.18				
1	CR-VSTF	PL	240* 19	1808		0.87	C	0.87				
1	CR-VSTF	PL	240* 19	1510		0.72	C	0.72				
JL1-JL2							A	8.83	C	1.77		

APPROACH BRIDGE CROSSBEAM R6 JL2-JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1285		0.59	A	0.59				
1	WEB	PL	800* 9	1301	85	1.77	A	1.77				
1	VSTF	PL	90* 9	495		0.09	A	0.09				
JL2-JL3							A	2.45				

APPROACH BRIDGE CROSSBEAM R6 JL3-JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08				
1	FLG	PL	230* 10	168		0.08	A	0.08				
1	CR-FLG	PL	230* 10	2690		1.24	A	1.24				
1	CR-FLG	PL	100* 10	2690		0.54	A	0.54				
1	WEB	PL	803* 9	169		0.27	A	0.27				
1	WEB	PL	803* 9	169		0.27	A	0.27				

Caluculation of Steel Primer

(Unit: mm, m²)

1	CR-WEB	PL	800* 9	2707		4.33	A	4.33						
1	CR-WEB	PL	400* 9	2690		2.15	A	2.15						
2	CR-VSTF	PL	90* 9	765		0.28	C	0.28						
1	CR-VSTF	PL	190* 15	1457		0.55	C	0.55						
1	CR-VSTF	PL	190* 15	1507		0.57	C	0.57						
JL3-JL4							A	8.96	C	1.40				

APPROACH BRIDGE CROSSBEAM R6 JL4-JL5														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	2936		1.35	A	1.35						
1	WEB	PL	829* 9	2935	85	4.14	A	4.14						
2	VSTF	PL	90* 9	765		0.28	A	0.28						
JL4-JL5							A	5.77						

APPROACH BRIDGE CROSSBEAM R6 JL5-JL6														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08						
1	FLG	PL	230* 10	169		0.08	A	0.08						
1	CR-FLG	PL	230* 10	2691		1.24	A	1.24						
1	CR-FLG	PL	100* 10	2690		0.54	A	0.54						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	CR-WEB	PL	800* 9	2707		4.33	A	4.33						
1	CR-WEB	PL	400* 9	2690		2.15	A	2.15						
2	CR-VSTF	PL	90* 9	765		0.28	C	0.28						
1	CR-VSTF	PL	190* 15	1457		0.55	C	0.55						
1	CR-VSTF	PL	190* 15	1507		0.57	C	0.57						
JL5-JL6							A	8.96	C	1.40				

APPROACH BRIDGE CROSSBEAM R6 JL6-JL6A														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	1895		0.87	A	0.87						
1	WEB	PL	800* 9	1911	85	2.60	A	2.60						
1	VSTF	PL	90* 9	503		0.09	A	0.09						
JL6-JL6A							A	3.56						

APPROACH BRIDGE CROSSBEAM R6 JL6A-JL6B														
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Caluculation of Steel Primer

(Unit: mm, m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	FLG	PL	230* 10	1915		0.88	A	0.88				
1	WEB	PL	800* 9	1931	85	2.63	A	2.63				
2	VSTF	PL	90* 9	503		0.18	A	0.18				
JL6A-JL6B							A	3.69				

APPROACH BRIDGE CROSSBEAM R6 JL6B-JL7												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	FLG	PL	230* 10	2737		1.26	A	1.26				
1	WEB	PL	800* 9	2753	85	3.74	A	3.74				
2	VSTF	PL	90* 9	503		0.18	A	0.18				
JL6B-JL7							A	5.18				

APPROACH BRIDGE CROSSBEAM R6 JL7-JL8												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	FLG	PL	230* 10	173		0.08	A	0.08				
1	FLG	PL	230* 10	633		0.29	A	0.29				
1	CR-FLG	PL	230* 10	2546		1.17	A	1.17				
1	CR-FLG	PL	100* 10	1721		0.34	A	0.34				
1	WEB	PL	788* 9	611	55	0.53	A	0.53				
1	WEB	PL	803* 9	168		0.27	A	0.27				
1	CR-WEB	PL	800* 9	2990		4.78	A	4.78				
1	CR-WEB	PL	400* 9	1714		1.37	A	1.37				
2	CR-VSTF	PL	90* 9	503		0.18	C	0.18				
1	CR-VSTF	PL	240* 19	1808		0.87	C	0.87				
1	CR-VSTF	PL	240* 19	1510		0.72	C	0.72				
JL7-JL8							A	8.83	C	1.77		

APPROACH BRIDGE CROSSBEAM R6 JL8-RR1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	FLG	PL	230* 10	1024		0.47	A	0.47				
1	WEB	PL	636* 9	1113	65	0.92	A	0.92				
1	VSTF	PL	90* 9	509		0.09	A	0.09				
JL8-RR1							A	1.48				
R6							A	59.19	C	6.34		

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM R7 LL1-JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1024		0.47	A	0.47				
1	WEB	PL	636* 9	1113	65	0.92	A	0.92				
1	VSTF	PL	90* 9	509		0.09	A	0.09				
LL1-JL1							A	1.48				

APPROACH BRIDGE CROSSBEAM R7 JL1-JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	633		0.29	A	0.29				
1	FLG	PL	230* 10	168		0.08	A	0.08				
1	CR-FLG	PL	230* 10	2545		1.17	A	1.17				
1	CR-FLG	PL	100* 10	1721		0.34	A	0.34				
1	WEB	PL	788* 9	609	55	0.53	A	0.53				
1	CR-WEB	PL	800* 9	2990		4.78	A	4.78				
1	CR-WEB	PL	400* 9	1714		1.37	A	1.37				
1	WEB	PL	803* 9	168		0.27	A	0.27				
2	CR-VSTF	PL	90* 9	503		0.18	C	0.18				
1	CR-VSTF	PL	240* 19	1808		0.87	C	0.87				
1	CR-VSTF	PL	240* 19	1510		0.72	C	0.72				
JL1-JL2							A	8.83	C	1.77		

APPROACH BRIDGE CROSSBEAM R7 JL2-JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1285		0.59	A	0.59				
1	WEB	PL	800* 9	1301	85	1.77	A	1.77				
1	VSTF	PL	90* 9	495		0.09	A	0.09				
JL2-JL3							A	2.45				

APPROACH BRIDGE CROSSBEAM R7 JL3-JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08				
1	FLG	PL	230* 10	168		0.08	A	0.08				
1	CR-FLG	PL	230* 10	2690		1.24	A	1.24				
1	CR-FLG	PL	100* 10	2690		0.54	A	0.54				
1	WEB	PL	803* 9	169		0.27	A	0.27				
1	WEB	PL	803* 9	169		0.27	A	0.27				

Caluculation of Steel Primer

(Unit: mm, m²)

1	CR-WEB	PL	800* 9	2707		4.33	A	4.33						
1	CR-WEB	PL	400* 9	2690		2.15	A	2.15						
2	CR-VSTF	PL	90* 9	765		0.28	C	0.28						
1	CR-VSTF	PL	190* 15	1457		0.55	C	0.55						
1	CR-VSTF	PL	190* 15	1507		0.57	C	0.57						
JL3-JL4							A	8.96	C	1.40				

APPROACH BRIDGE CROSSBEAM R7 JL4-JL5														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	2936		1.35	A	1.35						
1	WEB	PL	829* 9	2935	85	4.14	A	4.14						
2	VSTF	PL	90* 9	765		0.28	A	0.28						
JL4-JL5							A	5.77						

APPROACH BRIDGE CROSSBEAM R7 JL5-JL6														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08						
1	FLG	PL	230* 10	169		0.08	A	0.08						
1	CR-FLG	PL	230* 10	2691		1.24	A	1.24						
1	CR-FLG	PL	100* 10	2690		0.54	A	0.54						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	CR-WEB	PL	800* 9	2707		4.33	A	4.33						
1	CR-WEB	PL	400* 9	2690		2.15	A	2.15						
2	CR-VSTF	PL	90* 9	765		0.28	C	0.28						
1	CR-VSTF	PL	190* 15	1457		0.55	C	0.55						
1	CR-VSTF	PL	190* 15	1507		0.57	C	0.57						
JL5-JL6							A	8.96	C	1.40				

APPROACH BRIDGE CROSSBEAM R7 JL6-JL6A														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	1895		0.87	A	0.87						
1	WEB	PL	800* 9	1911	85	2.60	A	2.60						
1	VSTF	PL	90* 9	503		0.09	A	0.09						
JL6-JL6A							A	3.56						

APPROACH BRIDGE CROSSBEAM R7 JL6A-JL6B														
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Caluculation of Steel Primer

(Unit: mm, m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
1	FLG	PL	230* 10	1915		0.88	A	0.88					
1	WEB	PL	800* 9	1931	85	2.63	A	2.63					
2	VSTF	PL	90* 9	503		0.18	A	0.18					
JL6A-JL6B							A	3.69					

APPROACH BRIDGE CROSSBEAM R7 JL6B-JL7													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
1	FLG	PL	230* 10	2531		1.16	A	1.16					
1	WEB	PL	800* 9	2547	85	3.46	A	3.46					
2	VSTF	PL	90* 9	503		0.18	A	0.18					
JL6B-JL7							A	4.80					

APPROACH BRIDGE CROSSBEAM R7 JL7-JL8														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
1	FLG	PL	230* 10	173		0.08	A	0.08						
1	FLG	PL	230* 10	633		0.29	A	0.29						
1	CR-FLG	PL	230* 10	2546		1.17	A	1.17						
1	CR-FLG	PL	100* 10	1721		0.34	A	0.34						
1	WEB	PL	788* 9	611	55	0.53	A	0.53						
1	WEB	PL	803* 9	168		0.27	A	0.27						
1	CR-WEB	PL	800* 9	2990		4.78	A	4.78						
1	CR-WEB	PL	400* 9	1714		1.37	A	1.37						
2	CR-VSTF	PL	90* 9	503		0.18	C	0.18						
1	CR-VSTF	PL	240* 19	1808		0.87	C	0.87						
1	CR-VSTF	PL	240* 19	1510		0.72	C	0.72						
JL7-JL8							A	8.83	C	1.77				

APPROACH BRIDGE CROSSBEAM R7 JL8-RR1														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
1	FLG	PL	230* 10	1024		0.47	A	0.47						
1	WEB	PL	636* 9	1113	65	0.92	A	0.92						
1	VSTF	PL	90* 9	509		0.09	A	0.09						
JL8-RR1							A	1.48						
R7							A	58.81	C	6.34				

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM R8 LL1-JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1024		0.47	A	0.47				
1	WEB	PL	636* 9	1113	65	0.92	A	0.92				
1	VSTF	PL	90* 9	509		0.09	A	0.09				
LL1-JL1							A	1.48				

APPROACH BRIDGE CROSSBEAM R8 JL1-JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	633		0.29	A	0.29				
1	FLG	PL	230* 10	168		0.08	A	0.08				
1	CR-FLG	PL	230* 10	2545		1.17	A	1.17				
1	CR-FLG	PL	100* 10	1721		0.34	A	0.34				
1	WEB	PL	788* 9	609	55	0.53	A	0.53				
1	CR-WEB	PL	800* 9	2990		4.78	A	4.78				
1	CR-WEB	PL	400* 9	1714		1.37	A	1.37				
1	WEB	PL	803* 9	168		0.27	A	0.27				
2	CR-VSTF	PL	90* 9	503		0.18	C	0.18				
1	CR-VSTF	PL	240* 19	1808		0.87	C	0.87				
1	CR-VSTF	PL	240* 19	1510		0.72	C	0.72				
JL1-JL2							A	8.83	C	1.77		

APPROACH BRIDGE CROSSBEAM R8 JL2-JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1285		0.59	A	0.59				
1	WEB	PL	800* 9	1301	85	1.77	A	1.77				
1	VSTF	PL	90* 9	495		0.09	A	0.09				
JL2-JL3							A	2.45				

APPROACH BRIDGE CROSSBEAM R8 JL3-JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08				
1	FLG	PL	230* 10	168		0.08	A	0.08				
1	CR-FLG	PL	230* 10	2690		1.24	A	1.24				
1	CR-FLG	PL	100* 10	2690		0.54	A	0.54				
1	WEB	PL	803* 9	169		0.27	A	0.27				
1	WEB	PL	803* 9	169		0.27	A	0.27				

Caluculation of Steel Primer

(Unit: mm, m²)

1	CR-WEB	PL	800* 9	2707		4.33	A	4.33						
1	CR-WEB	PL	400* 9	2690		2.15	A	2.15						
2	CR-VSTF	PL	90* 9	765		0.28	C	0.28						
1	CR-VSTF	PL	190* 15	1457		0.55	C	0.55						
1	CR-VSTF	PL	190* 15	1507		0.57	C	0.57						
JL3-JL4							A	8.96	C	1.40				

APPROACH BRIDGE CROSSBEAM R8 JL4-JL5														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	2936		1.35	A	1.35						
1	WEB	PL	829* 9	2935	85	4.14	A	4.14						
2	VSTF	PL	90* 9	765		0.28	A	0.28						
JL4-JL5							A	5.77						

APPROACH BRIDGE CROSSBEAM R8 JL5-JL6														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08						
1	FLG	PL	230* 10	169		0.08	A	0.08						
1	CR-FLG	PL	230* 10	2691		1.24	A	1.24						
1	CR-FLG	PL	100* 10	2690		0.54	A	0.54						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	CR-WEB	PL	800* 9	2707		4.33	A	4.33						
1	CR-WEB	PL	400* 9	2690		2.15	A	2.15						
2	CR-VSTF	PL	90* 9	765		0.28	C	0.28						
1	CR-VSTF	PL	190* 15	1457		0.55	C	0.55						
1	CR-VSTF	PL	190* 15	1507		0.57	C	0.57						
JL5-JL6							A	8.96	C	1.40				

APPROACH BRIDGE CROSSBEAM R8 JL6-JL6A														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	1895		0.87	A	0.87						
1	WEB	PL	800* 9	1911	85	2.60	A	2.60						
1	VSTF	PL	90* 9	503		0.09	A	0.09						
JL6-JL6A							A	3.56						

APPROACH BRIDGE CROSSBEAM R8 JL6A-JL6B														
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Caluculation of Steel Primer

(Unit: mm,m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	FLG	PL	230* 10	1915		0.88	A	0.88				
1	WEB	PL	800* 9	1931	85	2.63	A	2.63				
2	VSTF	PL	90* 9	503		0.18	A	0.18				
JL6A-JL6B							A	3.69				

APPROACH BRIDGE CROSSBEAM R8 JL6B-JL7												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	FLG	PL	230* 10	2336		1.07	A	1.07				
1	WEB	PL	800* 9	2352	85	3.20	A	3.20				
2	VSTF	PL	90* 9	503		0.18	A	0.18				
JL6B-JL7							A	4.45				

APPROACH BRIDGE CROSSBEAM R8 JL7-JL8												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	FLG	PL	230* 10	172		0.08	A	0.08				
1	FLG	PL	230* 10	633		0.29	A	0.29				
1	CR-FLG	PL	230* 10	2546		1.17	A	1.17				
1	CR-FLG	PL	100* 10	1721		0.34	A	0.34				
1	WEB	PL	788* 9	611	55	0.53	A	0.53				
1	WEB	PL	803* 9	168		0.27	A	0.27				
1	CR-WEB	PL	800* 9	2990		4.78	A	4.78				
1	CR-WEB	PL	400* 9	1714		1.37	A	1.37				
2	CR-VSTF	PL	90* 9	503		0.18	C	0.18				
1	CR-VSTF	PL	240* 19	1808		0.87	C	0.87				
1	CR-VSTF	PL	240* 19	1510		0.72	C	0.72				
JL7-JL8							A	8.83	C	1.77		

APPROACH BRIDGE CROSSBEAM R8 JL8-RR1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	FLG	PL	230* 10	1024		0.47	A	0.47				
1	WEB	PL	636* 9	1113	65	0.92	A	0.92				
1	VSTF	PL	90* 9	509		0.09	A	0.09				
JL8-RR1							A	1.48				
R8							A	58.46	C	6.34		

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM R9 LL1-JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1024		0.47	A	0.47				
1	WEB	PL	636* 9	1113	65	0.92	A	0.92				
1	VSTF	PL	90* 9	509		0.09	A	0.09				
LL1-JL1							A	1.48				

APPROACH BRIDGE CROSSBEAM R9 JL1-JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	633		0.29	A	0.29				
1	FLG	PL	230* 10	168		0.08	A	0.08				
1	CR-FLG	PL	230* 10	2545		1.17	A	1.17				
1	CR-FLG	PL	100* 10	1721		0.34	A	0.34				
1	WEB	PL	788* 9	609	55	0.53	A	0.53				
1	CR-WEB	PL	800* 9	2990		4.78	A	4.78				
1	CR-WEB	PL	400* 9	1714		1.37	A	1.37				
1	WEB	PL	803* 9	168		0.27	A	0.27				
2	CR-VSTF	PL	90* 9	503		0.18	C	0.18				
1	CR-VSTF	PL	240* 19	1808		0.87	C	0.87				
1	CR-VSTF	PL	240* 19	1510		0.72	C	0.72				
JL1-JL2							A	8.83	C	1.77		

APPROACH BRIDGE CROSSBEAM R9 JL2-JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1285		0.59	A	0.59				
1	WEB	PL	800* 9	1301	85	1.77	A	1.77				
1	VSTF	PL	90* 9	495		0.09	A	0.09				
JL2-JL3							A	2.45				

APPROACH BRIDGE CROSSBEAM R9 JL3-JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08				
1	FLG	PL	230* 10	168		0.08	A	0.08				
1	CR-FLG	PL	230* 10	2690		1.24	A	1.24				
1	CR-FLG	PL	100* 10	2690		0.54	A	0.54				
1	WEB	PL	803* 9	169		0.27	A	0.27				
1	WEB	PL	803* 9	169		0.27	A	0.27				

Caluculation of Steel Primer

(Unit: mm, m²)

1	CR-WEB	PL	800* 9	2707		4.33	A	4.33						
1	CR-WEB	PL	400* 9	2690		2.15	A	2.15						
2	CR-VSTF	PL	90* 9	765		0.28	C	0.28						
1	CR-VSTF	PL	190* 15	1457		0.55	C	0.55						
1	CR-VSTF	PL	190* 15	1507		0.57	C	0.57						
JL3-JL4							A	8.96	C	1.40				

APPROACH BRIDGE CROSSBEAM R9 JL4-JL5														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	2936		1.35	A	1.35						
1	WEB	PL	829* 9	2935	85	4.14	A	4.14						
2	VSTF	PL	90* 9	765		0.28	A	0.28						
JL4-JL5							A	5.77						

APPROACH BRIDGE CROSSBEAM R9 JL5-JL6														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08						
1	FLG	PL	230* 10	169		0.08	A	0.08						
1	CR-FLG	PL	230* 10	2691		1.24	A	1.24						
1	CR-FLG	PL	100* 10	2690		0.54	A	0.54						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	CR-WEB	PL	800* 9	2707		4.33	A	4.33						
1	CR-WEB	PL	400* 9	2690		2.15	A	2.15						
2	CR-VSTF	PL	90* 9	765		0.28	C	0.28						
1	CR-VSTF	PL	190* 15	1457		0.55	C	0.55						
1	CR-VSTF	PL	190* 15	1507		0.57	C	0.57						
JL5-JL6							A	8.96	C	1.40				

APPROACH BRIDGE CROSSBEAM R9 JL6-JL6A														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	1895		0.87	A	0.87						
1	WEB	PL	800* 9	1911	85	2.60	A	2.60						
1	VSTF	PL	90* 9	503		0.09	A	0.09						
JL6-JL6A							A	3.56						

APPROACH BRIDGE CROSSBEAM R9 JL6A-JL6B														
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Caluculation of Steel Primer

(Unit: mm,m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	FLG	PL	230* 10	1915		0.88	A	0.88				
1	WEB	PL	800* 9	1931	85	2.63	A	2.63				
2	VSTF	PL	90* 9	503		0.18	A	0.18				
JL6A-JL6B							A	3.69				

APPROACH BRIDGE CROSSBEAM R9 JL6B-JL7												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	FLG	PL	230* 10	2152		0.99	A	0.99				
1	WEB	PL	800* 9	2168	85	2.95	A	2.95				
2	VSTF	PL	90* 9	503		0.18	A	0.18				
JL6B-JL7							A	4.12				

APPROACH BRIDGE CROSSBEAM R9 JL7-JL8												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	FLG	PL	230* 10	172		0.08	A	0.08				
1	FLG	PL	230* 10	633		0.29	A	0.29				
1	CR-FLG	PL	230* 10	2546		1.17	A	1.17				
1	CR-FLG	PL	100* 10	1721		0.34	A	0.34				
1	WEB	PL	788* 9	611	55	0.53	A	0.53				
1	WEB	PL	803* 9	168		0.27	A	0.27				
1	CR-WEB	PL	800* 9	2990		4.78	A	4.78				
1	CR-WEB	PL	400* 9	1714		1.37	A	1.37				
2	CR-VSTF	PL	90* 9	503		0.18	C	0.18				
1	CR-VSTF	PL	240* 19	1808		0.87	C	0.87				
1	CR-VSTF	PL	240* 19	1510		0.72	C	0.72				
JL7-JL8							A	8.83	C	1.77		

APPROACH BRIDGE CROSSBEAM R9 JL8-RR1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	FLG	PL	230* 10	1024		0.47	A	0.47				
1	WEB	PL	636* 9	1113	65	0.92	A	0.92				
1	VSTF	PL	90* 9	509		0.09	A	0.09				
JL8-RR1							A	1.48				
R9							A	58.13	C	6.34		

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM R10 LL1-JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1024		0.47	A	0.47				
1	WEB	PL	636* 9	1113	65	0.92	A	0.92				
1	VSTF	PL	90* 9	509		0.09	A	0.09				
LL1-JL1							A	1.48				

APPROACH BRIDGE CROSSBEAM R10 JL1-JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	633		0.29	A	0.29				
1	FLG	PL	230* 10	168		0.08	A	0.08				
1	CR-FLG	PL	230* 10	2545		1.17	A	1.17				
1	CR-FLG	PL	100* 10	1721		0.34	A	0.34				
1	WEB	PL	788* 9	609	55	0.53	A	0.53				
1	CR-WEB	PL	800* 9	2990		4.78	A	4.78				
1	CR-WEB	PL	400* 9	1714		1.37	A	1.37				
1	WEB	PL	803* 9	168		0.27	A	0.27				
2	CR-VSTF	PL	90* 9	503		0.18	C	0.18				
1	CR-VSTF	PL	240* 19	1808		0.87	C	0.87				
1	CR-VSTF	PL	240* 19	1510		0.72	C	0.72				
JL1-JL2							A	8.83	C	1.77		

APPROACH BRIDGE CROSSBEAM R10 JL2-JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1285		0.59	A	0.59				
1	WEB	PL	800* 9	1301	85	1.77	A	1.77				
1	VSTF	PL	90* 9	495		0.09	A	0.09				
JL2-JL3							A	2.45				

APPROACH BRIDGE CROSSBEAM R10 JL3-JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08				
1	FLG	PL	230* 10	168		0.08	A	0.08				
1	CR-FLG	PL	230* 10	2690		1.24	A	1.24				
1	CR-FLG	PL	100* 10	2690		0.54	A	0.54				
1	WEB	PL	803* 9	169		0.27	A	0.27				
1	WEB	PL	803* 9	169		0.27	A	0.27				

Caluculation of Steel Primer

(Unit: mm, m²)

1	CR-WEB	PL	800* 9	2707		4.33	A	4.33						
1	CR-WEB	PL	400* 9	2690		2.15	A	2.15						
2	CR-VSTF	PL	90* 9	765		0.28	C	0.28						
1	CR-VSTF	PL	190* 15	1457		0.55	C	0.55						
1	CR-VSTF	PL	190* 15	1507		0.57	C	0.57						
JL3-JL4							A	8.96	C	1.40				

APPROACH BRIDGE CROSSBEAM R10 JL4-JL5														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	2936		1.35	A	1.35						
1	WEB	PL	829* 9	2935	85	4.14	A	4.14						
2	VSTF	PL	90* 9	765		0.28	A	0.28						
JL4-JL5							A	5.77						

APPROACH BRIDGE CROSSBEAM R10 JL5-JL6														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08						
1	FLG	PL	230* 10	169		0.08	A	0.08						
1	CR-FLG	PL	230* 10	2691		1.24	A	1.24						
1	CR-FLG	PL	100* 10	2690		0.54	A	0.54						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	CR-WEB	PL	800* 9	2707		4.33	A	4.33						
1	CR-WEB	PL	400* 9	2690		2.15	A	2.15						
2	CR-VSTF	PL	90* 9	765		0.28	C	0.28						
1	CR-VSTF	PL	190* 15	1457		0.55	C	0.55						
1	CR-VSTF	PL	190* 15	1507		0.57	C	0.57						
JL5-JL6							A	8.96	C	1.40				

APPROACH BRIDGE CROSSBEAM R10 JL6-JL6A														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	1895		0.87	A	0.87						
1	WEB	PL	800* 9	1911	85	2.60	A	2.60						
1	VSTF	PL	90* 9	503		0.09	A	0.09						
JL6-JL6A							A	3.56						

APPROACH BRIDGE CROSSBEAM R10 JL6A-JL6B														
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Caluculation of Steel Primer

(Unit: mm,m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
1	FLG	PL	230* 10	1915		0.88	A	0.88					
1	WEB	PL	800* 9	1931	85	2.63	A	2.63					
2	VSTF	PL	90* 9	503		0.18	A	0.18					
JL6A-JL6B							A	3.69					

APPROACH BRIDGE CROSSBEAM R10 JL6B-JL7													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
1	FLG	PL	230* 10	1978		0.91	A	0.91					
1	WEB	PL	800* 9	1994	85	2.71	A	2.71					
2	VSTF	PL	90* 9	503		0.18	A	0.18					
JL6B-JL7							A	3.80					

APPROACH BRIDGE CROSSBEAM R10 JL7-JL8														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
1	FLG	PL	230* 10	172		0.08	A	0.08						
1	FLG	PL	230* 10	633		0.29	A	0.29						
1	CR-FLG	PL	230* 10	2546		1.17	A	1.17						
1	CR-FLG	PL	100* 10	1721		0.34	A	0.34						
1	WEB	PL	788* 9	611	55	0.53	A	0.53						
1	WEB	PL	803* 9	168		0.27	A	0.27						
1	CR-WEB	PL	800* 9	2990		4.78	A	4.78						
1	CR-WEB	PL	400* 9	1714		1.37	A	1.37						
2	CR-VSTF	PL	90* 9	503		0.18	C	0.18						
1	CR-VSTF	PL	240* 19	1808		0.87	C	0.87						
1	CR-VSTF	PL	240* 19	1510		0.72	C	0.72						
JL7-JL8							A	8.83	C	1.77				

APPROACH BRIDGE CROSSBEAM R10 JL8-RR1														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
1	FLG	PL	230* 10	1024		0.47	A	0.47						
1	WEB	PL	636* 9	1113	65	0.92	A	0.92						
1	VSTF	PL	90* 9	509		0.09	A	0.09						
JL8-RR1							A	1.48						
R10							A	57.81	C	6.34				

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM R11 LL1-JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1024		0.47	A	0.47				
1	WEB	PL	636* 9	1113	65	0.92	A	0.92				
1	VSTF	PL	90* 9	509		0.09	A	0.09				
LL1-JL1							A	1.48				

APPROACH BRIDGE CROSSBEAM R11 JL1-JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	633		0.29	A	0.29				
1	FLG	PL	230* 10	168		0.08	A	0.08				
1	CR-FLG	PL	230* 10	2545		1.17	A	1.17				
1	CR-FLG	PL	100* 10	1721		0.34	A	0.34				
1	WEB	PL	788* 9	609	55	0.53	A	0.53				
1	CR-WEB	PL	800* 9	2990		4.78	A	4.78				
1	CR-WEB	PL	400* 9	1714		1.37	A	1.37				
1	WEB	PL	803* 9	168		0.27	A	0.27				
2	CR-VSTF	PL	90* 9	503		0.18	C	0.18				
1	CR-VSTF	PL	240* 19	1808		0.87	C	0.87				
1	CR-VSTF	PL	240* 19	1510		0.72	C	0.72				
JL1-JL2							A	8.83	C	1.77		

APPROACH BRIDGE CROSSBEAM R11 JL2-JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1285		0.59	A	0.59				
1	WEB	PL	800* 9	1301	85	1.77	A	1.77				
1	VSTF	PL	90* 9	495		0.09	A	0.09				
JL2-JL3							A	2.45				

APPROACH BRIDGE CROSSBEAM R11 JL3-JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08				
1	FLG	PL	230* 10	168		0.08	A	0.08				
1	CR-FLG	PL	230* 10	2690		1.24	A	1.24				
1	CR-FLG	PL	100* 10	2690		0.54	A	0.54				
1	WEB	PL	803* 9	169		0.27	A	0.27				
1	WEB	PL	803* 9	169		0.27	A	0.27				

Caluculation of Steel Primer

(Unit: mm, m²)

1	CR-WEB	PL	800* 9	2707		4.33	A	4.33						
1	CR-WEB	PL	400* 9	2690		2.15	A	2.15						
2	CR-VSTF	PL	90* 9	765		0.28	C	0.28						
1	CR-VSTF	PL	190* 15	1457		0.55	C	0.55						
1	CR-VSTF	PL	190* 15	1507		0.57	C	0.57						
JL3-JL4							A	8.96	C	1.40				

APPROACH BRIDGE CROSSBEAM R11 JL4-JL5														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	2936		1.35	A	1.35						
1	WEB	PL	829* 9	2935	85	4.14	A	4.14						
2	VSTF	PL	90* 9	765		0.28	A	0.28						
JL4-JL5							A	5.77						

APPROACH BRIDGE CROSSBEAM R11 JL5-JL6														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08						
1	FLG	PL	230* 10	169		0.08	A	0.08						
1	CR-FLG	PL	230* 10	2691		1.24	A	1.24						
1	CR-FLG	PL	100* 10	2690		0.54	A	0.54						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	CR-WEB	PL	800* 9	2707		4.33	A	4.33						
1	CR-WEB	PL	400* 9	2690		2.15	A	2.15						
2	CR-VSTF	PL	90* 9	765		0.28	C	0.28						
1	CR-VSTF	PL	190* 15	1457		0.55	C	0.55						
1	CR-VSTF	PL	190* 15	1507		0.57	C	0.57						
JL5-JL6							A	8.96	C	1.40				

APPROACH BRIDGE CROSSBEAM R11 JL6-JL6A														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	1895		0.87	A	0.87						
1	WEB	PL	800* 9	1911	85	2.60	A	2.60						
1	VSTF	PL	90* 9	503		0.09	A	0.09						
JL6-JL6A							A	3.56						

APPROACH BRIDGE CROSSBEAM R11 JL6A-JL6B														
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Caluculation of Steel Primer

(Unit: mm, m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	FLG	PL	230* 10	1915		0.88	A	0.88				
1	WEB	PL	800* 9	1931	85	2.63	A	2.63				
2	VSTF	PL	90* 9	503		0.18	A	0.18				
JL6A-JL6B							A	3.69				

APPROACH BRIDGE CROSSBEAM R11 JL6B-JL7												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	FLG	PL	230* 10	1817		0.84	A	0.84				
1	WEB	PL	800* 9	1833	85	2.49	A	2.49				
2	VSTF	PL	90* 9	503		0.18	A	0.18				
JL6B-JL7							A	3.51				

APPROACH BRIDGE CROSSBEAM R11 JL7-JL8												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	FLG	PL	230* 10	171		0.08	A	0.08				
1	FLG	PL	230* 10	633		0.29	A	0.29				
1	CR-FLG	PL	230* 10	2546		1.17	A	1.17				
1	CR-FLG	PL	100* 10	1721		0.34	A	0.34				
1	WEB	PL	788* 9	611	55	0.53	A	0.53				
1	WEB	PL	803* 9	168		0.27	A	0.27				
1	CR-WEB	PL	800* 9	2990		4.78	A	4.78				
1	CR-WEB	PL	400* 9	1714		1.37	A	1.37				
2	CR-VSTF	PL	90* 9	503		0.18	C	0.18				
1	CR-VSTF	PL	240* 19	1808		0.87	C	0.87				
1	CR-VSTF	PL	240* 19	1510		0.72	C	0.72				
JL7-JL8							A	8.83	C	1.77		

APPROACH BRIDGE CROSSBEAM R11 JL8-RR1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	FLG	PL	230* 10	1024		0.47	A	0.47				
1	WEB	PL	636* 9	1113	65	0.92	A	0.92				
1	VSTF	PL	90* 9	509		0.09	A	0.09				
JL8-RR1							A	1.48				
R11							A	57.52	C	6.34		

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM R12 LL1-JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1024		0.47	A	0.47				
1	WEB	PL	636* 9	1113	65	0.92	A	0.92				
1	VSTF	PL	90* 9	509		0.09	A	0.09				
LL1-JL1							A	1.48				

APPROACH BRIDGE CROSSBEAM R12 JL1-JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	630		0.29	A	0.29				
1	FLG	PL	230* 10	168		0.08	A	0.08				
1	CR-FLG	PL	230* 10	2545		1.17	A	1.17				
1	CR-FLG	PL	100* 10	1721		0.34	A	0.34				
1	WEB	PL	788* 9	609	55	0.53	A	0.53				
1	CR-WEB	PL	800* 9	2990		4.78	A	4.78				
1	CR-WEB	PL	400* 9	1714		1.37	A	1.37				
1	WEB	PL	803* 9	168		0.27	A	0.27				
2	CR-VSTF	PL	90* 9	503		0.18	C	0.18				
1	CR-VSTF	PL	240* 19	1808		0.87	C	0.87				
1	CR-VSTF	PL	240* 19	1510		0.72	C	0.72				
JL1-JL2							A	8.83	C	1.77		

APPROACH BRIDGE CROSSBEAM R12 JL2-JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1285		0.59	A	0.59				
1	WEB	PL	800* 9	1301	85	1.77	A	1.77				
1	VSTF	PL	90* 9	495		0.09	A	0.09				
JL2-JL3							A	2.45				

APPROACH BRIDGE CROSSBEAM R12 JL3-JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08				
1	FLG	PL	230* 10	169		0.08	A	0.08				
1	CR-FLG	PL	230* 10	2690		1.24	A	1.24				
1	CR-FLG	PL	100* 10	2690		0.54	A	0.54				
1	WEB	PL	803* 9	169		0.27	A	0.27				
1	WEB	PL	803* 9	169		0.27	A	0.27				

Caluculation of Steel Primer

(Unit: mm, m²)

1	CR-WEB	PL	800* 9	2707		4.33	A	4.33						
1	CR-WEB	PL	400* 9	2690		2.15	A	2.15						
2	CR-VSTF	PL	90* 9	765		0.28	C	0.28						
1	CR-VSTF	PL	190* 15	1457		0.55	C	0.55						
1	CR-VSTF	PL	190* 15	1507		0.57	C	0.57						
JL3-JL4							A	8.96	C	1.40				

APPROACH BRIDGE CROSSBEAM R12 JL4-JL5														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	2936		1.35	A	1.35						
1	WEB	PL	829* 9	2935	85	4.14	A	4.14						
2	VSTF	PL	90* 9	765		0.28	A	0.28						
JL4-JL5							A	5.77						

APPROACH BRIDGE CROSSBEAM R12 JL5-JL6														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08						
1	FLG	PL	230* 10	169		0.08	A	0.08						
1	CR-FLG	PL	230* 10	2691		1.24	A	1.24						
1	CR-FLG	PL	100* 10	2690		0.54	A	0.54						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	CR-WEB	PL	800* 9	2707		4.33	A	4.33						
1	CR-WEB	PL	400* 9	2690		2.15	A	2.15						
2	CR-VSTF	PL	90* 9	765		0.28	C	0.28						
1	CR-VSTF	PL	190* 15	1457		0.55	C	0.55						
1	CR-VSTF	PL	190* 15	1507		0.57	C	0.57						
JL5-JL6							A	8.96	C	1.40				

APPROACH BRIDGE CROSSBEAM R12 JL6-JL6A														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	1895		0.87	A	0.87						
1	WEB	PL	800* 9	1911	85	2.60	A	2.60						
1	VSTF	PL	90* 9	503		0.09	A	0.09						
JL6-JL6A							A	3.56						

APPROACH BRIDGE CROSSBEAM R12 JL6A-JL6B														
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Caluculation of Steel Primer

(Unit: mm,m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
1	FLG	PL	230* 10	1915		0.88	A	0.88					
1	WEB	PL	800* 9	1931	85	2.63	A	2.63					
2	VSTF	PL	90* 9	503		0.18	A	0.18					
JL6A-JL6B							A	3.69					

APPROACH BRIDGE CROSSBEAM R12 JL6B-JL7													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
1	FLG	PL	230* 10	1666		0.77	A	0.77					
1	WEB	PL	800* 9	1682	85	2.29	A	2.29					
1	VSTF	PL	90* 9	503		0.09	A	0.09					
JL6B-JL7							A	3.15					

APPROACH BRIDGE CROSSBEAM R12 JL7-JL8														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
1	FLG	PL	230* 10	171		0.08	A	0.08						
1	FLG	PL	230* 10	630		0.29	A	0.29						
1	CR-FLG	PL	230* 10	2546		1.17	A	1.17						
1	CR-FLG	PL	100* 10	1721		0.34	A	0.34						
1	WEB	PL	788* 9	609	55	0.53	A	0.53						
1	WEB	PL	803* 9	168		0.27	A	0.27						
1	CR-WEB	PL	800* 9	2990		4.78	A	4.78						
1	CR-WEB	PL	400* 9	1714		1.37	A	1.37						
2	CR-VSTF	PL	90* 9	503		0.18	C	0.18						
1	CR-VSTF	PL	240* 19	1808		0.87	C	0.87						
1	CR-VSTF	PL	240* 19	1510		0.72	C	0.72						
JL7-JL8							A	8.83	C	1.77				

APPROACH BRIDGE CROSSBEAM R12 JL8-RR1														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
1	FLG	PL	230* 10	1024		0.47	A	0.47						
1	WEB	PL	636* 9	1113	65	0.92	A	0.92						
1	VSTF	PL	90* 9	509		0.09	A	0.09						
JL8-RR1							A	1.48						
R12							A	57.16	C	6.34				

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM R13 LL1-JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1024		0.47	A	0.47				
1	WEB	PL	636* 9	1113	65	0.92	A	0.92				
1	VSTF	PL	90* 9	509		0.09	A	0.09				
LL1-JL1							A	1.48				

APPROACH BRIDGE CROSSBEAM R13 JL1-JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	630		0.29	A	0.29				
1	FLG	PL	230* 10	168		0.08	A	0.08				
1	CR-FLG	PL	230* 10	2545		1.17	A	1.17				
1	CR-FLG	PL	100* 10	1721		0.34	A	0.34				
1	WEB	PL	788* 9	609	55	0.53	A	0.53				
1	CR-WEB	PL	800* 9	2990		4.78	A	4.78				
1	CR-WEB	PL	400* 9	1714		1.37	A	1.37				
1	WEB	PL	803* 9	168		0.27	A	0.27				
2	CR-VSTF	PL	90* 9	503		0.18	C	0.18				
1	CR-VSTF	PL	240* 19	1808		0.87	C	0.87				
1	CR-VSTF	PL	240* 19	1510		0.72	C	0.72				
JL1-JL2							A	8.83	C	1.77		

APPROACH BRIDGE CROSSBEAM R13 JL2-JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1285		0.59	A	0.59				
1	WEB	PL	800* 9	1301	85	1.77	A	1.77				
1	VSTF	PL	90* 9	495		0.09	A	0.09				
JL2-JL3							A	2.45				

APPROACH BRIDGE CROSSBEAM R13 JL3-JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08				
1	FLG	PL	230* 10	169		0.08	A	0.08				
1	CR-FLG	PL	230* 10	2690		1.24	A	1.24				
1	CR-FLG	PL	100* 10	2690		0.54	A	0.54				
1	WEB	PL	803* 9	169		0.27	A	0.27				
1	WEB	PL	803* 9	169		0.27	A	0.27				

Caluculation of Steel Primer

(Unit: mm, m²)

1	CR-WEB	PL	800* 9	2707		4.33	A	4.33						
1	CR-WEB	PL	400* 9	2690		2.15	A	2.15						
2	CR-VSTF	PL	90* 9	765		0.28	C	0.28						
1	CR-VSTF	PL	190* 15	1457		0.55	C	0.55						
1	CR-VSTF	PL	190* 15	1507		0.57	C	0.57						
JL3-JL4							A	8.96	C	1.40				

APPROACH BRIDGE CROSSBEAM R13 JL4-JL5														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	2936		1.35	A	1.35						
1	WEB	PL	829* 9	2935	85	4.14	A	4.14						
2	VSTF	PL	90* 9	765		0.28	A	0.28						
JL4-JL5							A	5.77						

APPROACH BRIDGE CROSSBEAM R13 JL5-JL6														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08						
1	FLG	PL	230* 10	169		0.08	A	0.08						
1	CR-FLG	PL	230* 10	2691		1.24	A	1.24						
1	CR-FLG	PL	100* 10	2690		0.54	A	0.54						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	CR-WEB	PL	800* 9	2707		4.33	A	4.33						
1	CR-WEB	PL	400* 9	2690		2.15	A	2.15						
2	CR-VSTF	PL	90* 9	765		0.28	C	0.28						
1	CR-VSTF	PL	190* 15	1457		0.55	C	0.55						
1	CR-VSTF	PL	190* 15	1507		0.57	C	0.57						
JL5-JL6							A	8.96	C	1.40				

APPROACH BRIDGE CROSSBEAM R13 JL6-JL6A														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	1895		0.87	A	0.87						
1	WEB	PL	800* 9	1911	85	2.60	A	2.60						
1	VSTF	PL	90* 9	503		0.09	A	0.09						
JL6-JL6A							A	3.56						

APPROACH BRIDGE CROSSBEAM R13 JL6A-JL6B														
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Caluculation of Steel Primer

(Unit: mm,m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
1	FLG	PL	230* 10	1915		0.88	A	0.88					
1	WEB	PL	800* 9	1931	85	2.63	A	2.63					
2	VSTF	PL	90* 9	503		0.18	A	0.18					
JL6A-JL6B							A	3.69					

APPROACH BRIDGE CROSSBEAM R13 JL6B-JL7													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
1	FLG	PL	230* 10	1526		0.70	A	0.70					
1	WEB	PL	800* 9	1542	85	2.10	A	2.10					
1	VSTF	PL	90* 9	503		0.09	A	0.09					
JL6B-JL7							A	2.89					

APPROACH BRIDGE CROSSBEAM R13 JL7-JL8													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
1	FLG	PL	230* 10	171		0.08	A	0.08					
1	FLG	PL	230* 10	630		0.29	A	0.29					
1	CR-FLG	PL	230* 10	2546		1.17	A	1.17					
1	CR-FLG	PL	100* 10	1721		0.34	A	0.34					
1	WEB	PL	788* 9	609	55	0.53	A	0.53					
1	WEB	PL	803* 9	168		0.27	A	0.27					
1	CR-WEB	PL	800* 9	2990		4.78	A	4.78					
1	CR-WEB	PL	400* 9	1714		1.37	A	1.37					
2	CR-VSTF	PL	90* 9	503		0.18	C	0.18					
1	CR-VSTF	PL	240* 19	1808		0.87	C	0.87					
1	CR-VSTF	PL	240* 19	1510		0.72	C	0.72					
JL7-JL8							A	8.83	C	1.77			

APPROACH BRIDGE CROSSBEAM R13 JL8-RR1													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
1	FLG	PL	230* 10	1024		0.47	A	0.47					
1	WEB	PL	636* 9	1113	65	0.92	A	0.92					
1	VSTF	PL	90* 9	509		0.09	A	0.09					
JL8-RR1							A	1.48					
R13							A	56.90	C	6.34			

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM R14 LL1-JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1024		0.47	A	0.47				
1	WEB	PL	636* 9	1113	65	0.92	A	0.92				
1	VSTF	PL	90* 9	509		0.09	A	0.09				
LL1-JL1							A	1.48				

APPROACH BRIDGE CROSSBEAM R14 JL1-JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	630		0.29	A	0.29				
1	FLG	PL	230* 10	168		0.08	A	0.08				
1	CR-FLG	PL	230* 10	2545		1.17	A	1.17				
1	CR-FLG	PL	100* 10	1721		0.34	A	0.34				
1	WEB	PL	788* 9	609	55	0.53	A	0.53				
1	CR-WEB	PL	800* 9	2990		4.78	A	4.78				
1	CR-WEB	PL	400* 9	1714		1.37	A	1.37				
1	WEB	PL	803* 9	168		0.27	A	0.27				
2	CR-VSTF	PL	90* 9	503		0.18	C	0.18				
1	CR-VSTF	PL	240* 19	1808		0.87	C	0.87				
1	CR-VSTF	PL	240* 19	1510		0.72	C	0.72				
JL1-JL2							A	8.83	C	1.77		

APPROACH BRIDGE CROSSBEAM R14 JL2-JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1285		0.59	A	0.59				
1	WEB	PL	800* 9	1301	85	1.77	A	1.77				
1	VSTF	PL	90* 9	495		0.09	A	0.09				
JL2-JL3							A	2.45				

APPROACH BRIDGE CROSSBEAM R14 JL3-JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08				
1	FLG	PL	230* 10	169		0.08	A	0.08				
1	CR-FLG	PL	230* 10	2690		1.24	A	1.24				
1	CR-FLG	PL	100* 10	2690		0.54	A	0.54				
1	WEB	PL	803* 9	169		0.27	A	0.27				
1	WEB	PL	803* 9	169		0.27	A	0.27				

Caluculation of Steel Primer

(Unit: mm, m²)

1	CR-WEB	PL	800* 9	2707		4.33	A	4.33						
1	CR-WEB	PL	400* 9	2690		2.15	A	2.15						
2	CR-VSTF	PL	90* 9	765		0.28	C	0.28						
1	CR-VSTF	PL	190* 15	1457		0.55	C	0.55						
1	CR-VSTF	PL	190* 15	1507		0.57	C	0.57						
JL3-JL4							A	8.96	C	1.40				

APPROACH BRIDGE CROSSBEAM R14 JL4-JL5														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	2936		1.35	A	1.35						
1	WEB	PL	829* 9	2935	85	4.14	A	4.14						
2	VSTF	PL	90* 9	765		0.28	A	0.28						
JL4-JL5							A	5.77						

APPROACH BRIDGE CROSSBEAM R14 JL5-JL6														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08						
1	FLG	PL	230* 10	169		0.08	A	0.08						
1	CR-FLG	PL	230* 10	2691		1.24	A	1.24						
1	CR-FLG	PL	100* 10	2690		0.54	A	0.54						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	CR-WEB	PL	800* 9	2707		4.33	A	4.33						
1	CR-WEB	PL	400* 9	2690		2.15	A	2.15						
2	CR-VSTF	PL	90* 9	765		0.28	C	0.28						
1	CR-VSTF	PL	190* 15	1457		0.55	C	0.55						
1	CR-VSTF	PL	190* 15	1507		0.57	C	0.57						
JL5-JL6							A	8.96	C	1.40				

APPROACH BRIDGE CROSSBEAM R14 JL6-JL6A														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	1895		0.87	A	0.87						
1	WEB	PL	800* 9	1911	85	2.60	A	2.60						
1	VSTF	PL	90* 9	503		0.09	A	0.09						
JL6-JL6A							A	3.56						

APPROACH BRIDGE CROSSBEAM R14 JL6A-JL6B														
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Caluculation of Steel Primer

(Unit: mm, m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
1	FLG	PL	230* 10	1915		0.88	A	0.88					
1	WEB	PL	800* 9	1931	85	2.63	A	2.63					
2	VSTF	PL	90* 9	503		0.18	A	0.18					
JL6A-JL6B							A	3.69					

APPROACH BRIDGE CROSSBEAM R14 JL6B-JL7													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
1	FLG	PL	230* 10	1397		0.64	A	0.64					
1	WEB	PL	800* 9	1413	85	1.92	A	1.92					
1	VSTF	PL	90* 9	503		0.09	A	0.09					
JL6B-JL7							A	2.65					

APPROACH BRIDGE CROSSBEAM R14 JL7-JL8														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
1	FLG	PL	230* 10	171		0.08	A	0.08						
1	FLG	PL	230* 10	630		0.29	A	0.29						
1	CR-FLG	PL	230* 10	2546		1.17	A	1.17						
1	CR-FLG	PL	100* 10	1721		0.34	A	0.34						
1	WEB	PL	788* 9	609	55	0.53	A	0.53						
1	WEB	PL	803* 9	168		0.27	A	0.27						
1	CR-WEB	PL	800* 9	2990		4.78	A	4.78						
1	CR-WEB	PL	400* 9	1714		1.37	A	1.37						
2	CR-VSTF	PL	90* 9	503		0.18	C	0.18						
1	CR-VSTF	PL	240* 19	1808		0.87	C	0.87						
1	CR-VSTF	PL	240* 19	1510		0.72	C	0.72						
JL7-JL8							A	8.83	C	1.77				

APPROACH BRIDGE CROSSBEAM R14 JL8-RR1														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
1	FLG	PL	230* 10	1024		0.47	A	0.47						
1	WEB	PL	636* 9	1113	65	0.92	A	0.92						
1	VSTF	PL	90* 9	509		0.09	A	0.09						
JL8-RR1							A	1.48						
R14							A	56.66	C	6.34				

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM R15 LL1-JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1024		0.47	A	0.47				
1	WEB	PL	636* 9	1113	65	0.92	A	0.92				
1	VSTF	PL	90* 9	509		0.09	A	0.09				
LL1-JL1							A	1.48				

APPROACH BRIDGE CROSSBEAM R15 JL1-JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	627		0.29	A	0.29				
1	FLG	PL	230* 10	166		0.08	A	0.08				
1	CR-FLG	PL	230* 10	2545		1.17	A	1.17				
1	CR-FLG	PL	100* 10	1721		0.34	A	0.34				
1	WEB	PL	787* 9	606	55	0.52	A	0.52				
1	CR-WEB	PL	800* 9	2990		4.78	A	4.78				
1	CR-WEB	PL	400* 9	1714		1.37	A	1.37				
1	WEB	PL	803* 9	166		0.27	A	0.27				
2	CR-VSTF	PL	90* 9	503		0.18	C	0.18				
1	CR-VSTF	PL	240* 19	1808		0.87	C	0.87				
1	CR-VSTF	PL	240* 19	1510		0.72	C	0.72				
JL1-JL2							A	8.82	C	1.77		

APPROACH BRIDGE CROSSBEAM R15 JL2-JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1285		0.59	A	0.59				
1	WEB	PL	800* 9	1301	85	1.77	A	1.77				
1	VSTF	PL	90* 9	495		0.09	A	0.09				
JL2-JL3							A	2.45				

APPROACH BRIDGE CROSSBEAM R15 JL3-JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08				
1	FLG	PL	230* 10	169		0.08	A	0.08				
1	CR-FLG	PL	230* 10	2690		1.24	A	1.24				
1	CR-FLG	PL	100* 10	2690		0.54	A	0.54				
1	WEB	PL	803* 9	169		0.27	A	0.27				
1	WEB	PL	803* 9	169		0.27	A	0.27				

Caluculation of Steel Primer

(Unit: mm, m²)

1	CR-WEB	PL	800* 9	2707		4.33	A	4.33						
1	CR-WEB	PL	400* 9	2690		2.15	A	2.15						
2	CR-VSTF	PL	90* 9	765		0.28	C	0.28						
1	CR-VSTF	PL	190* 15	1457		0.55	C	0.55						
1	CR-VSTF	PL	190* 15	1507		0.57	C	0.57						
JL3-JL4							A	8.96	C	1.40				

APPROACH BRIDGE CROSSBEAM R15 JL4-JL5														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	2936		1.35	A	1.35						
1	WEB	PL	829* 9	2935	85	4.14	A	4.14						
2	VSTF	PL	90* 9	765		0.28	A	0.28						
JL4-JL5							A	5.77						

APPROACH BRIDGE CROSSBEAM R15 JL5-JL6														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08						
1	FLG	PL	230* 10	169		0.08	A	0.08						
1	CR-FLG	PL	230* 10	2691		1.24	A	1.24						
1	CR-FLG	PL	100* 10	2690		0.54	A	0.54						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	CR-WEB	PL	800* 9	2707		4.33	A	4.33						
1	CR-WEB	PL	400* 9	2690		2.15	A	2.15						
2	CR-VSTF	PL	90* 9	765		0.28	C	0.28						
1	CR-VSTF	PL	190* 15	1457		0.55	C	0.55						
1	CR-VSTF	PL	190* 15	1507		0.57	C	0.57						
JL5-JL6							A	8.96	C	1.40				

APPROACH BRIDGE CROSSBEAM R15 JL6-JL6A														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	1895		0.87	A	0.87						
1	WEB	PL	800* 9	1911	85	2.60	A	2.60						
1	VSTF	PL	90* 9	503		0.09	A	0.09						
JL6-JL6A							A	3.56						

APPROACH BRIDGE CROSSBEAM R15 JL6A-JL7														
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Caluculation of Steel Primer

(Unit: mm,m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	FLG	PL	230* 10	3201		1.47	A	1.47				
1	WEB	PL	800* 9	3217	85	4.38	A	4.38				
3	VSTF	PL	90* 9	503		0.27	A	0.27				
JL6A-JL7							A	6.12				

APPROACH BRIDGE CROSSBEAM R15 JL7-JL8												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	FLG	PL	230* 10	168		0.08	A	0.08				
1	FLG	PL	230* 10	627		0.29	A	0.29				
1	CR-FLG	PL	230* 10	2546		1.17	A	1.17				
1	CR-FLG	PL	100* 10	1721		0.34	A	0.34				
1	WEB	PL	787* 9	606	55	0.52	A	0.52				
1	WEB	PL	803* 9	166		0.27	A	0.27				
1	CR-WEB	PL	800* 9	2990		4.78	A	4.78				
1	CR-WEB	PL	400* 9	1714		1.37	A	1.37				
2	CR-VSTF	PL	90* 9	503		0.18	C	0.18				
1	CR-VSTF	PL	240* 19	1808		0.87	C	0.87				
1	CR-VSTF	PL	240* 19	1510		0.72	C	0.72				
JL7-JL8							A	8.82	C	1.77		

APPROACH BRIDGE CROSSBEAM R15 JL8-RR1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	FLG	PL	230* 10	1024		0.47	A	0.47				
1	WEB	PL	636* 9	1113	65	0.92	A	0.92				
1	VSTF	PL	90* 9	509		0.09	A	0.09				
JL8-RR1							A	1.48				
R15							A	56.42	C	6.34		

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM R16 LL1-JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1024		0.47	A	0.47				
1	WEB	PL	636* 9	1113	65	0.92	A	0.92				
1	VSTF	PL	90* 9	509		0.09	A	0.09				
LL1-JL1							A	1.48				

APPROACH BRIDGE CROSSBEAM R16 JL1-JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	627		0.29	A	0.29				
1	FLG	PL	230* 10	166		0.08	A	0.08				
1	CR-FLG	PL	230* 10	2545		1.17	A	1.17				
1	CR-FLG	PL	100* 10	1721		0.34	A	0.34				
1	WEB	PL	787* 9	606	55	0.52	A	0.52				
1	CR-WEB	PL	800* 9	2990		4.78	A	4.78				
1	CR-WEB	PL	400* 9	1714		1.37	A	1.37				
1	WEB	PL	803* 9	166		0.27	A	0.27				
2	CR-VSTF	PL	90* 9	503		0.18	C	0.18				
1	CR-VSTF	PL	240* 19	1808		0.87	C	0.87				
1	CR-VSTF	PL	240* 19	1510		0.72	C	0.72				
JL1-JL2							A	8.82	C	1.77		

APPROACH BRIDGE CROSSBEAM R16 JL2-JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1285		0.59	A	0.59				
1	WEB	PL	800* 9	1301	85	1.77	A	1.77				
1	VSTF	PL	90* 9	495		0.09	A	0.09				
JL2-JL3							A	2.45				

APPROACH BRIDGE CROSSBEAM R16 JL3-JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08				
1	FLG	PL	230* 10	169		0.08	A	0.08				
1	CR-FLG	PL	230* 10	2690		1.24	A	1.24				
1	CR-FLG	PL	100* 10	2690		0.54	A	0.54				
1	WEB	PL	803* 9	169		0.27	A	0.27				
1	WEB	PL	803* 9	169		0.27	A	0.27				

Caluculation of Steel Primer

(Unit: mm, m²)

1	CR-WEB	PL	800* 9	2707		4.33	A	4.33						
1	CR-WEB	PL	400* 9	2690		2.15	A	2.15						
2	CR-VSTF	PL	90* 9	765		0.28	C	0.28						
1	CR-VSTF	PL	190* 15	1457		0.55	C	0.55						
1	CR-VSTF	PL	190* 15	1507		0.57	C	0.57						
JL3-JL4							A	8.96	C	1.40				

APPROACH BRIDGE CROSSBEAM R16 JL4-JL5														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	2936		1.35	A	1.35						
1	WEB	PL	829* 9	2935	85	4.14	A	4.14						
2	VSTF	PL	90* 9	765		0.28	A	0.28						
JL4-JL5							A	5.77						

APPROACH BRIDGE CROSSBEAM R16 JL5-JL6														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08						
1	FLG	PL	230* 10	169		0.08	A	0.08						
1	CR-FLG	PL	230* 10	2691		1.24	A	1.24						
1	CR-FLG	PL	100* 10	2690		0.54	A	0.54						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	CR-WEB	PL	800* 9	2707		4.33	A	4.33						
1	CR-WEB	PL	400* 9	2690		2.15	A	2.15						
2	CR-VSTF	PL	90* 9	765		0.28	C	0.28						
1	CR-VSTF	PL	190* 15	1457		0.55	C	0.55						
1	CR-VSTF	PL	190* 15	1507		0.57	C	0.57						
JL5-JL6							A	8.96	C	1.40				

APPROACH BRIDGE CROSSBEAM R16 JL6-JL6A														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	1895		0.87	A	0.87						
1	WEB	PL	800* 9	1911	85	2.60	A	2.60						
1	VSTF	PL	90* 9	503		0.09	A	0.09						
JL6-JL6A							A	3.56						

APPROACH BRIDGE CROSSBEAM R16 JL6A-JL7														
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Caluculation of Steel Primer

(Unit: mm,m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	FLG	PL	230* 10	3097		1.42	A	1.42				
1	WEB	PL	800* 9	3113	85	4.23	A	4.23				
3	VSTF	PL	90* 9	503		0.27	A	0.27				
JL6A-JL7							A	5.92				

APPROACH BRIDGE CROSSBEAM R16 JL7-JL8												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	FLG	PL	230* 10	168		0.08	A	0.08				
1	FLG	PL	230* 10	627		0.29	A	0.29				
1	CR-FLG	PL	230* 10	2546		1.17	A	1.17				
1	CR-FLG	PL	100* 10	1721		0.34	A	0.34				
1	WEB	PL	787* 9	606	55	0.52	A	0.52				
1	WEB	PL	803* 9	166		0.27	A	0.27				
1	CR-WEB	PL	800* 9	2990		4.78	A	4.78				
1	CR-WEB	PL	400* 9	1714		1.37	A	1.37				
2	CR-VSTF	PL	90* 9	503		0.18	C	0.18				
1	CR-VSTF	PL	240* 19	1808		0.87	C	0.87				
1	CR-VSTF	PL	240* 19	1510		0.72	C	0.72				
JL7-JL8							A	8.82	C	1.77		

APPROACH BRIDGE CROSSBEAM R16 JL8-RR1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	FLG	PL	230* 10	1024		0.47	A	0.47				
1	WEB	PL	636* 9	1113	65	0.92	A	0.92				
1	VSTF	PL	90* 9	509		0.09	A	0.09				
JL8-RR1							A	1.48				
R16							A	56.22	C	6.34		

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM R17 LL1-JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1024		0.47	A	0.47				
1	WEB	PL	636* 9	1113	65	0.92	A	0.92				
1	VSTF	PL	90* 9	509		0.09	A	0.09				
LL1-JL1							A	1.48				

APPROACH BRIDGE CROSSBEAM R17 JL1-JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	627		0.29	A	0.29				
1	FLG	PL	230* 10	166		0.08	A	0.08				
1	CR-FLG	PL	230* 10	2545		1.17	A	1.17				
1	CR-FLG	PL	100* 10	1721		0.34	A	0.34				
1	WEB	PL	787* 9	606	55	0.52	A	0.52				
1	CR-WEB	PL	800* 9	2990		4.78	A	4.78				
1	CR-WEB	PL	400* 9	1714		1.37	A	1.37				
1	WEB	PL	803* 9	166		0.27	A	0.27				
2	CR-VSTF	PL	90* 9	503		0.18	C	0.18				
1	CR-VSTF	PL	240* 19	1808		0.87	C	0.87				
1	CR-VSTF	PL	240* 19	1510		0.72	C	0.72				
JL1-JL2							A	8.82	C	1.77		

APPROACH BRIDGE CROSSBEAM R17 JL2-JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1285		0.59	A	0.59				
1	WEB	PL	800* 9	1301	85	1.77	A	1.77				
1	VSTF	PL	90* 9	495		0.09	A	0.09				
JL2-JL3							A	2.45				

APPROACH BRIDGE CROSSBEAM R17 JL3-JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08				
1	FLG	PL	230* 10	169		0.08	A	0.08				
1	CR-FLG	PL	230* 10	2690		1.24	A	1.24				
1	CR-FLG	PL	100* 10	2690		0.54	A	0.54				
1	WEB	PL	803* 9	169		0.27	A	0.27				
1	WEB	PL	803* 9	169		0.27	A	0.27				

Caluculation of Steel Primer

(Unit: mm, m²)

1	CR-WEB	PL	800* 9	2707		4.33	A	4.33						
1	CR-WEB	PL	400* 9	2690		2.15	A	2.15						
2	CR-VSTF	PL	90* 9	765		0.28	C	0.28						
1	CR-VSTF	PL	190* 15	1457		0.55	C	0.55						
1	CR-VSTF	PL	190* 15	1507		0.57	C	0.57						
JL3-JL4							A	8.96	C	1.40				

APPROACH BRIDGE CROSSBEAM R17 JL4-JL5														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	2936		1.35	A	1.35						
1	WEB	PL	829* 9	2935	85	4.14	A	4.14						
2	VSTF	PL	90* 9	765		0.28	A	0.28						
JL4-JL5							A	5.77						

APPROACH BRIDGE CROSSBEAM R17 JL5-JL6														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08						
1	FLG	PL	230* 10	169		0.08	A	0.08						
1	CR-FLG	PL	230* 10	2691		1.24	A	1.24						
1	CR-FLG	PL	100* 10	2690		0.54	A	0.54						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	CR-WEB	PL	800* 9	2707		4.33	A	4.33						
1	CR-WEB	PL	400* 9	2690		2.15	A	2.15						
2	CR-VSTF	PL	90* 9	765		0.28	C	0.28						
1	CR-VSTF	PL	190* 15	1457		0.55	C	0.55						
1	CR-VSTF	PL	190* 15	1507		0.57	C	0.57						
JL5-JL6							A	8.96	C	1.40				

APPROACH BRIDGE CROSSBEAM R17 JL6-JL6A														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	1895		0.87	A	0.87						
1	WEB	PL	800* 9	1911	85	2.60	A	2.60						
1	VSTF	PL	90* 9	503		0.09	A	0.09						
JL6-JL6A							A	3.56						

APPROACH BRIDGE CROSSBEAM R17 JL6A-JL7														
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Caluculation of Steel Primer

(Unit: mm,m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	FLG	PL	230* 10	3002		1.38	A	1.38				
1	WEB	PL	800* 9	3018	85	4.10	A	4.10				
3	VSTF	PL	90* 9	503		0.27	A	0.27				
JL6A-JL7							A	5.75				

APPROACH BRIDGE CROSSBEAM R17 JL7-JL8												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	FLG	PL	230* 10	168		0.08	A	0.08				
1	FLG	PL	230* 10	627		0.29	A	0.29				
1	CR-FLG	PL	230* 10	2546		1.17	A	1.17				
1	CR-FLG	PL	100* 10	1721		0.34	A	0.34				
1	WEB	PL	787* 9	606	55	0.52	A	0.52				
1	WEB	PL	803* 9	166		0.27	A	0.27				
1	CR-WEB	PL	800* 9	2990		4.78	A	4.78				
1	CR-WEB	PL	400* 9	1714		1.37	A	1.37				
2	CR-VSTF	PL	90* 9	503		0.18	C	0.18				
1	CR-VSTF	PL	240* 19	1808		0.87	C	0.87				
1	CR-VSTF	PL	240* 19	1510		0.72	C	0.72				
JL7-JL8							A	8.82	C	1.77		

APPROACH BRIDGE CROSSBEAM R17 JL8-RR1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	FLG	PL	230* 10	1024		0.47	A	0.47				
1	WEB	PL	636* 9	1113	65	0.92	A	0.92				
1	VSTF	PL	90* 9	509		0.09	A	0.09				
JL8-RR1							A	1.48				
R17							A	56.05	C	6.34		

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM R18 LL1-JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1024		0.47	A	0.47				
1	WEB	PL	636* 9	1113	65	0.92	A	0.92				
1	VSTF	PL	90* 9	509		0.09	A	0.09				
LL1-JL1							A	1.48				

APPROACH BRIDGE CROSSBEAM R18 JL1-JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	627		0.29	A	0.29				
1	FLG	PL	230* 10	166		0.08	A	0.08				
1	CR-FLG	PL	230* 10	2545		1.17	A	1.17				
1	CR-FLG	PL	100* 10	1721		0.34	A	0.34				
1	WEB	PL	787* 9	606	55	0.52	A	0.52				
1	CR-WEB	PL	800* 9	2990		4.78	A	4.78				
1	CR-WEB	PL	400* 9	1714		1.37	A	1.37				
1	WEB	PL	803* 9	166		0.27	A	0.27				
2	CR-VSTF	PL	90* 9	503		0.18	C	0.18				
1	CR-VSTF	PL	240* 19	1808		0.87	C	0.87				
1	CR-VSTF	PL	240* 19	1510		0.72	C	0.72				
JL1-JL2							A	8.82	C	1.77		

APPROACH BRIDGE CROSSBEAM R18 JL2-JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1285		0.59	A	0.59				
1	WEB	PL	800* 9	1301	85	1.77	A	1.77				
1	VSTF	PL	90* 9	495		0.09	A	0.09				
JL2-JL3							A	2.45				

APPROACH BRIDGE CROSSBEAM R18 JL3-JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08				
1	FLG	PL	230* 10	169		0.08	A	0.08				
1	CR-FLG	PL	230* 10	2690		1.24	A	1.24				
1	CR-FLG	PL	100* 10	2690		0.54	A	0.54				
1	WEB	PL	803* 9	169		0.27	A	0.27				
1	WEB	PL	803* 9	169		0.27	A	0.27				

Caluculation of Steel Primer

(Unit: mm, m²)

1	CR-WEB	PL	800* 9	2707		4.33	A	4.33						
1	CR-WEB	PL	400* 9	2690		2.15	A	2.15						
2	CR-VSTF	PL	90* 9	765		0.28	C	0.28						
1	CR-VSTF	PL	190* 15	1457		0.55	C	0.55						
1	CR-VSTF	PL	190* 15	1507		0.57	C	0.57						
JL3-JL4							A	8.96	C	1.40				

APPROACH BRIDGE CROSSBEAM R18 JL4-JL5														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	2936		1.35	A	1.35						
1	WEB	PL	829* 9	2935	85	4.14	A	4.14						
2	VSTF	PL	90* 9	765		0.28	A	0.28						
JL4-JL5							A	5.77						

APPROACH BRIDGE CROSSBEAM R18 JL5-JL6														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08						
1	FLG	PL	230* 10	169		0.08	A	0.08						
1	CR-FLG	PL	230* 10	2691		1.24	A	1.24						
1	CR-FLG	PL	100* 10	2690		0.54	A	0.54						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	CR-WEB	PL	800* 9	2707		4.33	A	4.33						
1	CR-WEB	PL	400* 9	2690		2.15	A	2.15						
2	CR-VSTF	PL	90* 9	765		0.28	C	0.28						
1	CR-VSTF	PL	190* 15	1457		0.55	C	0.55						
1	CR-VSTF	PL	190* 15	1507		0.57	C	0.57						
JL5-JL6							A	8.96	C	1.40				

APPROACH BRIDGE CROSSBEAM R18 JL6-JL6A														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	1895		0.87	A	0.87						
1	WEB	PL	800* 9	1911	85	2.60	A	2.60						
1	VSTF	PL	90* 9	503		0.09	A	0.09						
JL6-JL6A							A	3.56						

APPROACH BRIDGE CROSSBEAM R18 JL6A-JL7														
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Caluculation of Steel Primer

(Unit: mm,m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	FLG	PL	230* 10	2918		1.34	A	1.34				
1	WEB	PL	800* 9	2934	85	3.99	A	3.99				
3	VSTF	PL	90* 9	503		0.27	A	0.27				
JL6A-JL7							A	5.60				

APPROACH BRIDGE CROSSBEAM R18 JL7-JL8												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	FLG	PL	230* 10	167		0.08	A	0.08				
1	FLG	PL	230* 10	627		0.29	A	0.29				
1	CR-FLG	PL	230* 10	2546		1.17	A	1.17				
1	CR-FLG	PL	100* 10	1721		0.34	A	0.34				
1	WEB	PL	787* 9	606	55	0.52	A	0.52				
1	WEB	PL	803* 9	166		0.27	A	0.27				
1	CR-WEB	PL	800* 9	2990		4.78	A	4.78				
1	CR-WEB	PL	400* 9	1714		1.37	A	1.37				
2	CR-VSTF	PL	90* 9	503		0.18	C	0.18				
1	CR-VSTF	PL	240* 19	1808		0.87	C	0.87				
1	CR-VSTF	PL	240* 19	1510		0.72	C	0.72				
JL7-JL8							A	8.82	C	1.77		

APPROACH BRIDGE CROSSBEAM R18 JL8-RR1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	FLG	PL	230* 10	1024		0.47	A	0.47				
1	WEB	PL	636* 9	1113	65	0.92	A	0.92				
1	VSTF	PL	90* 9	509		0.09	A	0.09				
JL8-RR1							A	1.48				
R18							A	55.90	C	6.34		

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM R19 LL1-JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1024		0.47	A	0.47				
1	WEB	PL	636* 9	1113	65	0.92	A	0.92				
1	VSTF	PL	90* 9	509		0.09	A	0.09				
LL1-JL1							A	1.48				

APPROACH BRIDGE CROSSBEAM R19 JL1-JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	630		0.29	A	0.29				
1	FLG	PL	230* 10	168		0.08	A	0.08				
1	CR-FLG	PL	230* 10	2545		1.17	A	1.17				
1	CR-FLG	PL	100* 10	1721		0.34	A	0.34				
1	WEB	PL	788* 9	609	55	0.53	A	0.53				
1	CR-WEB	PL	800* 9	2990		4.78	A	4.78				
1	CR-WEB	PL	400* 9	1714		1.37	A	1.37				
1	WEB	PL	803* 9	168		0.27	A	0.27				
2	CR-VSTF	PL	90* 9	503		0.18	C	0.18				
1	CR-VSTF	PL	240* 19	1808		0.87	C	0.87				
1	CR-VSTF	PL	240* 19	1510		0.72	C	0.72				
JL1-JL2							A	8.83	C	1.77		

APPROACH BRIDGE CROSSBEAM R19 JL2-JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1285		0.59	A	0.59				
1	WEB	PL	800* 9	1301	85	1.77	A	1.77				
1	VSTF	PL	90* 9	495		0.09	A	0.09				
JL2-JL3							A	2.45				

APPROACH BRIDGE CROSSBEAM R19 JL3-JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08				
1	FLG	PL	230* 10	169		0.08	A	0.08				
1	CR-FLG	PL	230* 10	2690		1.24	A	1.24				
1	CR-FLG	PL	100* 10	2690		0.54	A	0.54				
1	WEB	PL	803* 9	169		0.27	A	0.27				
1	WEB	PL	803* 9	169		0.27	A	0.27				

Caluculation of Steel Primer

(Unit: mm, m²)

1	CR-WEB	PL	800* 9	2707		4.33	A	4.33						
1	CR-WEB	PL	400* 9	2690		2.15	A	2.15						
2	CR-VSTF	PL	90* 9	765		0.28	C	0.28						
1	CR-VSTF	PL	190* 15	1457		0.55	C	0.55						
1	CR-VSTF	PL	190* 15	1507		0.57	C	0.57						
JL3-JL4							A	8.96	C	1.40				

APPROACH BRIDGE CROSSBEAM R19 JL4-JL5														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	2936		1.35	A	1.35						
1	WEB	PL	829* 9	2935	85	4.14	A	4.14						
2	VSTF	PL	90* 9	765		0.28	A	0.28						
JL4-JL5							A	5.77						

APPROACH BRIDGE CROSSBEAM R19 JL5-JL6														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08						
1	FLG	PL	230* 10	169		0.08	A	0.08						
1	CR-FLG	PL	230* 10	2691		1.24	A	1.24						
1	CR-FLG	PL	100* 10	2690		0.54	A	0.54						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	CR-WEB	PL	800* 9	2707		4.33	A	4.33						
1	CR-WEB	PL	400* 9	2690		2.15	A	2.15						
2	CR-VSTF	PL	90* 9	765		0.28	C	0.28						
1	CR-VSTF	PL	190* 15	1457		0.55	C	0.55						
1	CR-VSTF	PL	190* 15	1507		0.57	C	0.57						
JL5-JL6							A	8.96	C	1.40				

APPROACH BRIDGE CROSSBEAM R19 JL6-JL6A														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	1895		0.87	A	0.87						
1	WEB	PL	800* 9	1911	85	2.60	A	2.60						
1	VSTF	PL	90* 9	503		0.09	A	0.09						
JL6-JL6A							A	3.56						

APPROACH BRIDGE CROSSBEAM R19 JL6A-JL7														
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Caluculation of Steel Primer

(Unit: mm,m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	FLG	PL	230* 10	2844		1.31	A	1.31				
1	WEB	PL	800* 9	2860	85	3.89	A	3.89				
3	VSTF	PL	90* 9	503		0.27	A	0.27				
JL6A-JL7							A	5.47				

APPROACH BRIDGE CROSSBEAM R19 JL7-JL8												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	FLG	PL	230* 10	169		0.08	A	0.08				
1	FLG	PL	230* 10	630		0.29	A	0.29				
1	CR-FLG	PL	230* 10	2546		1.17	A	1.17				
1	CR-FLG	PL	100* 10	1721		0.34	A	0.34				
1	WEB	PL	788* 9	609	55	0.53	A	0.53				
1	WEB	PL	803* 9	168		0.27	A	0.27				
1	CR-WEB	PL	800* 9	2990		4.78	A	4.78				
1	CR-WEB	PL	400* 9	1714		1.37	A	1.37				
2	CR-VSTF	PL	90* 9	503		0.18	C	0.18				
1	CR-VSTF	PL	240* 19	1808		0.87	C	0.87				
1	CR-VSTF	PL	240* 19	1510		0.72	C	0.72				
JL7-JL8							A	8.83	C	1.77		

APPROACH BRIDGE CROSSBEAM R19 JL8-RR1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	FLG	PL	230* 10	1024		0.47	A	0.47				
1	WEB	PL	636* 9	1113	65	0.92	A	0.92				
1	VSTF	PL	90* 9	509		0.09	A	0.09				
JL8-RR1							A	1.48				
R19							A	55.79	C	6.34		

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM R20 LL1-JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1024		0.47	A	0.47				
1	WEB	PL	636* 9	1113	65	0.92	A	0.92				
1	VSTF	PL	90* 9	509		0.09	A	0.09				
LL1-JL1							A	1.48				

APPROACH BRIDGE CROSSBEAM R20 JL1-JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	630		0.29	A	0.29				
1	FLG	PL	230* 10	168		0.08	A	0.08				
1	CR-FLG	PL	230* 10	2545		1.17	A	1.17				
1	CR-FLG	PL	100* 10	1721		0.34	A	0.34				
1	WEB	PL	788* 9	609	55	0.53	A	0.53				
1	CR-WEB	PL	800* 9	2990		4.78	A	4.78				
1	CR-WEB	PL	400* 9	1714		1.37	A	1.37				
1	WEB	PL	803* 9	168		0.27	A	0.27				
2	CR-VSTF	PL	90* 9	503		0.18	C	0.18				
1	CR-VSTF	PL	240* 19	1808		0.87	C	0.87				
1	CR-VSTF	PL	240* 19	1510		0.72	C	0.72				
JL1-JL2							A	8.83	C	1.77		

APPROACH BRIDGE CROSSBEAM R20 JL2-JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1285		0.59	A	0.59				
1	WEB	PL	800* 9	1301	85	1.77	A	1.77				
1	VSTF	PL	90* 9	495		0.09	A	0.09				
JL2-JL3							A	2.45				

APPROACH BRIDGE CROSSBEAM R20 JL3-JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08				
1	FLG	PL	230* 10	169		0.08	A	0.08				
1	CR-FLG	PL	230* 10	2690		1.24	A	1.24				
1	CR-FLG	PL	100* 10	2690		0.54	A	0.54				
1	WEB	PL	803* 9	169		0.27	A	0.27				
1	WEB	PL	803* 9	169		0.27	A	0.27				

Caluculation of Steel Primer

(Unit: mm, m²)

1	CR-WEB	PL	800* 9	2707		4.33	A	4.33						
1	CR-WEB	PL	400* 9	2690		2.15	A	2.15						
2	CR-VSTF	PL	90* 9	765		0.28	C	0.28						
1	CR-VSTF	PL	190* 15	1457		0.55	C	0.55						
1	CR-VSTF	PL	190* 15	1507		0.57	C	0.57						
JL3-JL4							A	8.96	C	1.40				

APPROACH BRIDGE CROSSBEAM R20 JL4-JL5														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	2936		1.35	A	1.35						
1	WEB	PL	829* 9	2935	85	4.14	A	4.14						
2	VSTF	PL	90* 9	765		0.28	A	0.28						
JL4-JL5							A	5.77						

APPROACH BRIDGE CROSSBEAM R20 JL5-JL6														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08						
1	FLG	PL	230* 10	169		0.08	A	0.08						
1	CR-FLG	PL	230* 10	2691		1.24	A	1.24						
1	CR-FLG	PL	100* 10	2690		0.54	A	0.54						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	CR-WEB	PL	800* 9	2707		4.33	A	4.33						
1	CR-WEB	PL	400* 9	2690		2.15	A	2.15						
2	CR-VSTF	PL	90* 9	765		0.28	C	0.28						
1	CR-VSTF	PL	190* 15	1457		0.55	C	0.55						
1	CR-VSTF	PL	190* 15	1507		0.57	C	0.57						
JL5-JL6							A	8.96	C	1.40				

APPROACH BRIDGE CROSSBEAM R20 JL6-JL6A														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	1895		0.87	A	0.87						
1	WEB	PL	800* 9	1911	85	2.60	A	2.60						
1	VSTF	PL	90* 9	503		0.09	A	0.09						
JL6-JL6A							A	3.56						

APPROACH BRIDGE CROSSBEAM R20 JL6A-JL7														
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Caluculation of Steel Primer

(Unit: mm,m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	FLG	PL	230* 10	2781		1.28	A	1.28				
1	WEB	PL	800* 9	2797	85	3.80	A	3.80				
3	VSTF	PL	90* 9	503		0.27	A	0.27				
JL6A-JL7							A	5.35				

APPROACH BRIDGE CROSSBEAM R20 JL7-JL8												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	FLG	PL	230* 10	169		0.08	A	0.08				
1	FLG	PL	230* 10	630		0.29	A	0.29				
1	CR-FLG	PL	230* 10	2546		1.17	A	1.17				
1	CR-FLG	PL	100* 10	1721		0.34	A	0.34				
1	WEB	PL	788* 9	609	55	0.53	A	0.53				
1	WEB	PL	803* 9	168		0.27	A	0.27				
1	CR-WEB	PL	800* 9	2990		4.78	A	4.78				
1	CR-WEB	PL	400* 9	1714		1.37	A	1.37				
2	CR-VSTF	PL	90* 9	503		0.18	C	0.18				
1	CR-VSTF	PL	240* 19	1808		0.87	C	0.87				
1	CR-VSTF	PL	240* 19	1510		0.72	C	0.72				
JL7-JL8							A	8.83	C	1.77		

APPROACH BRIDGE CROSSBEAM R20 JL8-RR1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	FLG	PL	230* 10	1024		0.47	A	0.47				
1	WEB	PL	636* 9	1113	65	0.92	A	0.92				
1	VSTF	PL	90* 9	509		0.09	A	0.09				
JL8-RR1							A	1.48				
R20							A	55.67	C	6.34		

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM R21 LL1-JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1024		0.47	A	0.47				
1	WEB	PL	636* 9	1113	65	0.92	A	0.92				
1	VSTF	PL	90* 9	509		0.09	A	0.09				
LL1-JL1							A	1.48				

APPROACH BRIDGE CROSSBEAM R21 JL1-JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	630		0.29	A	0.29				
1	FLG	PL	230* 10	168		0.08	A	0.08				
1	CR-FLG	PL	230* 10	2545		1.17	A	1.17				
1	CR-FLG	PL	100* 10	1721		0.34	A	0.34				
1	WEB	PL	788* 9	609	55	0.53	A	0.53				
1	CR-WEB	PL	800* 9	2990		4.78	A	4.78				
1	CR-WEB	PL	400* 9	1714		1.37	A	1.37				
1	WEB	PL	803* 9	168		0.27	A	0.27				
2	CR-VSTF	PL	90* 9	503		0.18	C	0.18				
1	CR-VSTF	PL	240* 19	1808		0.87	C	0.87				
1	CR-VSTF	PL	240* 19	1510		0.72	C	0.72				
JL1-JL2							A	8.83	C	1.77		

APPROACH BRIDGE CROSSBEAM R21 JL2-JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1285		0.59	A	0.59				
1	WEB	PL	800* 9	1301	85	1.77	A	1.77				
1	VSTF	PL	90* 9	495		0.09	A	0.09				
JL2-JL3							A	2.45				

APPROACH BRIDGE CROSSBEAM R21 JL3-JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08				
1	FLG	PL	230* 10	169		0.08	A	0.08				
1	CR-FLG	PL	230* 10	2690		1.24	A	1.24				
1	CR-FLG	PL	100* 10	2690		0.54	A	0.54				
1	WEB	PL	803* 9	169		0.27	A	0.27				
1	WEB	PL	803* 9	169		0.27	A	0.27				

Caluculation of Steel Primer

(Unit: mm, m²)

1	CR-WEB	PL	800* 9	2707		4.33	A	4.33						
1	CR-WEB	PL	400* 9	2690		2.15	A	2.15						
2	CR-VSTF	PL	90* 9	765		0.28	C	0.28						
1	CR-VSTF	PL	190* 15	1457		0.55	C	0.55						
1	CR-VSTF	PL	190* 15	1507		0.57	C	0.57						
JL3-JL4							A	8.96	C	1.40				

APPROACH BRIDGE CROSSBEAM R21 JL4-JL5														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	2936		1.35	A	1.35						
1	WEB	PL	829* 9	2935	85	4.14	A	4.14						
2	VSTF	PL	90* 9	765		0.28	A	0.28						
JL4-JL5							A	5.77						

APPROACH BRIDGE CROSSBEAM R21 JL5-JL6														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08						
1	FLG	PL	230* 10	169		0.08	A	0.08						
1	CR-FLG	PL	230* 10	2691		1.24	A	1.24						
1	CR-FLG	PL	100* 10	2690		0.54	A	0.54						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	CR-WEB	PL	800* 9	2707		4.33	A	4.33						
1	CR-WEB	PL	400* 9	2690		2.15	A	2.15						
2	CR-VSTF	PL	90* 9	765		0.28	C	0.28						
1	CR-VSTF	PL	190* 15	1457		0.55	C	0.55						
1	CR-VSTF	PL	190* 15	1507		0.57	C	0.57						
JL5-JL6							A	8.96	C	1.40				

APPROACH BRIDGE CROSSBEAM R21 JL6-JL6A														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	1895		0.87	A	0.87						
1	WEB	PL	800* 9	1911	85	2.60	A	2.60						
1	VSTF	PL	90* 9	503		0.09	A	0.09						
JL6-JL6A							A	3.56						

APPROACH BRIDGE CROSSBEAM R21 JL6A-JL7														
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Caluculation of Steel Primer

(Unit: mm,m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	FLG	PL	230* 10	2729		1.26	A	1.26				
1	WEB	PL	800* 9	2745	85	3.73	A	3.73				
3	VSTF	PL	90* 9	503		0.27	A	0.27				
JL6A-JL7							A	5.26				

APPROACH BRIDGE CROSSBEAM R21 JL7-JL8												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	FLG	PL	230* 10	169		0.08	A	0.08				
1	FLG	PL	230* 10	630		0.29	A	0.29				
1	CR-FLG	PL	230* 10	2546		1.17	A	1.17				
1	CR-FLG	PL	100* 10	1721		0.34	A	0.34				
1	WEB	PL	788* 9	609	55	0.53	A	0.53				
1	WEB	PL	803* 9	168		0.27	A	0.27				
1	CR-WEB	PL	800* 9	2990		4.78	A	4.78				
1	CR-WEB	PL	400* 9	1714		1.37	A	1.37				
2	CR-VSTF	PL	90* 9	503		0.18	C	0.18				
1	CR-VSTF	PL	240* 19	1808		0.87	C	0.87				
1	CR-VSTF	PL	240* 19	1510		0.72	C	0.72				
JL7-JL8							A	8.83	C	1.77		

APPROACH BRIDGE CROSSBEAM R21 JL8-RR1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	FLG	PL	230* 10	1024		0.47	A	0.47				
1	WEB	PL	636* 9	1113	65	0.92	A	0.92				
1	VSTF	PL	90* 9	509		0.09	A	0.09				
JL8-RR1							A	1.48				
R21							A	55.58	C	6.34		

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM R22 LL1-JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1024		0.47	A	0.47				
1	WEB	PL	636* 9	1113	65	0.92	A	0.92				
1	VSTF	PL	90* 9	509		0.09	A	0.09				
LL1-JL1							A	1.48				

APPROACH BRIDGE CROSSBEAM R22 JL1-JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	630		0.29	A	0.29				
1	FLG	PL	230* 10	168		0.08	A	0.08				
1	CR-FLG	PL	230* 10	2545		1.17	A	1.17				
1	CR-FLG	PL	100* 10	1721		0.34	A	0.34				
1	WEB	PL	788* 9	609	55	0.53	A	0.53				
1	CR-WEB	PL	800* 9	2990		4.78	A	4.78				
1	CR-WEB	PL	400* 9	1714		1.37	A	1.37				
1	WEB	PL	803* 9	168		0.27	A	0.27				
2	CR-VSTF	PL	90* 9	503		0.18	C	0.18				
1	CR-VSTF	PL	240* 19	1808		0.87	C	0.87				
1	CR-VSTF	PL	240* 19	1510		0.72	C	0.72				
JL1-JL2							A	8.83	C	1.77		

APPROACH BRIDGE CROSSBEAM R22 JL2-JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1285		0.59	A	0.59				
1	WEB	PL	800* 9	1301	85	1.77	A	1.77				
1	VSTF	PL	90* 9	495		0.09	A	0.09				
JL2-JL3							A	2.45				

APPROACH BRIDGE CROSSBEAM R22 JL3-JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08				
1	FLG	PL	230* 10	169		0.08	A	0.08				
1	CR-FLG	PL	230* 10	2690		1.24	A	1.24				
1	CR-FLG	PL	100* 10	2690		0.54	A	0.54				
1	WEB	PL	803* 9	169		0.27	A	0.27				
1	WEB	PL	803* 9	169		0.27	A	0.27				

Caluculation of Steel Primer

(Unit: mm, m²)

1	CR-WEB	PL	800* 9	2707		4.33	A	4.33						
1	CR-WEB	PL	400* 9	2690		2.15	A	2.15						
2	CR-VSTF	PL	90* 9	765		0.28	C	0.28						
1	CR-VSTF	PL	190* 15	1457		0.55	C	0.55						
1	CR-VSTF	PL	190* 15	1507		0.57	C	0.57						
JL3-JL4							A	8.96	C	1.40				

APPROACH BRIDGE CROSSBEAM R22 JL4-JL5														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	2936		1.35	A	1.35						
1	WEB	PL	829* 9	2935	85	4.14	A	4.14						
2	VSTF	PL	90* 9	765		0.28	A	0.28						
JL4-JL5							A	5.77						

APPROACH BRIDGE CROSSBEAM R22 JL5-JL6														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08						
1	FLG	PL	230* 10	169		0.08	A	0.08						
1	CR-FLG	PL	230* 10	2691		1.24	A	1.24						
1	CR-FLG	PL	100* 10	2690		0.54	A	0.54						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	CR-WEB	PL	800* 9	2707		4.33	A	4.33						
1	CR-WEB	PL	400* 9	2690		2.15	A	2.15						
2	CR-VSTF	PL	90* 9	765		0.28	C	0.28						
1	CR-VSTF	PL	190* 15	1457		0.55	C	0.55						
1	CR-VSTF	PL	190* 15	1507		0.57	C	0.57						
JL5-JL6							A	8.96	C	1.40				

APPROACH BRIDGE CROSSBEAM R22 JL6-JL6A														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	1895		0.87	A	0.87						
1	WEB	PL	800* 9	1911	85	2.60	A	2.60						
1	VSTF	PL	90* 9	503		0.09	A	0.09						
JL6-JL6A							A	3.56						

APPROACH BRIDGE CROSSBEAM R22 JL6A-JL7														
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Caluculation of Steel Primer

(Unit: mm,m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	FLG	PL	230* 10	2689		1.24	A	1.24				
1	WEB	PL	800* 9	2705	85	3.68	A	3.68				
3	VSTF	PL	90* 9	503		0.27	A	0.27				
JL6A-JL7							A	5.19				

APPROACH BRIDGE CROSSBEAM R22 JL7-JL8												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	FLG	PL	230* 10	168		0.08	A	0.08				
1	FLG	PL	230* 10	630		0.29	A	0.29				
1	CR-FLG	PL	230* 10	2546		1.17	A	1.17				
1	CR-FLG	PL	100* 10	1721		0.34	A	0.34				
1	WEB	PL	788* 9	609	55	0.53	A	0.53				
1	WEB	PL	803* 9	168		0.27	A	0.27				
1	CR-WEB	PL	800* 9	2990		4.78	A	4.78				
1	CR-WEB	PL	400* 9	1714		1.37	A	1.37				
2	CR-VSTF	PL	90* 9	503		0.18	C	0.18				
1	CR-VSTF	PL	240* 19	1808		0.87	C	0.87				
1	CR-VSTF	PL	240* 19	1510		0.72	C	0.72				
JL7-JL8							A	8.83	C	1.77		

APPROACH BRIDGE CROSSBEAM R22 JL8-RR1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	FLG	PL	230* 10	1024		0.47	A	0.47				
1	WEB	PL	636* 9	1113	65	0.92	A	0.92				
1	VSTF	PL	90* 9	509		0.09	A	0.09				
JL8-RR1							A	1.48				
R22							A	55.51	C	6.34		

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM R23 LL1-JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1024		0.47	A	0.47				
1	WEB	PL	636* 9	1113	65	0.92	A	0.92				
1	VSTF	PL	90* 9	509		0.09	A	0.09				
LL1-JL1							A	1.48				

APPROACH BRIDGE CROSSBEAM R23 JL1-JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	630		0.29	A	0.29				
1	FLG	PL	230* 10	168		0.08	A	0.08				
1	CR-FLG	PL	230* 10	2545		1.17	A	1.17				
1	CR-FLG	PL	100* 10	1721		0.34	A	0.34				
1	WEB	PL	788* 9	609	55	0.53	A	0.53				
1	CR-WEB	PL	800* 9	2990		4.78	A	4.78				
1	CR-WEB	PL	400* 9	1714		1.37	A	1.37				
1	WEB	PL	803* 9	168		0.27	A	0.27				
2	CR-VSTF	PL	90* 9	503		0.18	C	0.18				
1	CR-VSTF	PL	240* 19	1808		0.87	C	0.87				
1	CR-VSTF	PL	240* 19	1510		0.72	C	0.72				
JL1-JL2							A	8.83	C	1.77		

APPROACH BRIDGE CROSSBEAM R23 JL2-JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1285		0.59	A	0.59				
1	WEB	PL	800* 9	1301	85	1.77	A	1.77				
1	VSTF	PL	90* 9	495		0.09	A	0.09				
JL2-JL3							A	2.45				

APPROACH BRIDGE CROSSBEAM R23 JL3-JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08				
1	FLG	PL	230* 10	169		0.08	A	0.08				
1	CR-FLG	PL	230* 10	2690		1.24	A	1.24				
1	CR-FLG	PL	100* 10	2690		0.54	A	0.54				
1	WEB	PL	803* 9	169		0.27	A	0.27				
1	WEB	PL	803* 9	169		0.27	A	0.27				

Caluculation of Steel Primer

(Unit: mm, m²)

1	CR-WEB	PL	800* 9	2707		4.33	A	4.33						
1	CR-WEB	PL	400* 9	2690		2.15	A	2.15						
2	CR-VSTF	PL	90* 9	765		0.28	C	0.28						
1	CR-VSTF	PL	190* 15	1457		0.55	C	0.55						
1	CR-VSTF	PL	190* 15	1507		0.57	C	0.57						
JL3-JL4							A	8.96	C	1.40				

APPROACH BRIDGE CROSSBEAM R23 JL4-JL5														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	2936		1.35	A	1.35						
1	WEB	PL	829* 9	2935	85	4.14	A	4.14						
1	VSTF	PL	90* 9	765		0.14	A	0.14						
JL4-JL5							A	5.63						

APPROACH BRIDGE CROSSBEAM R23 JL5-JL6														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08						
1	FLG	PL	230* 10	169		0.08	A	0.08						
1	CR-FLG	PL	230* 10	2691		1.24	A	1.24						
1	CR-FLG	PL	100* 10	2690		0.54	A	0.54						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	CR-WEB	PL	800* 9	2707		4.33	A	4.33						
1	CR-WEB	PL	400* 9	2690		2.15	A	2.15						
2	CR-VSTF	PL	90* 9	765		0.28	C	0.28						
1	CR-VSTF	PL	190* 15	1457		0.55	C	0.55						
1	CR-VSTF	PL	190* 15	1507		0.57	C	0.57						
JL5-JL6							A	8.96	C	1.40				

APPROACH BRIDGE CROSSBEAM R23 JL6-JL6A														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	1895		0.87	A	0.87						
1	WEB	PL	800* 9	1911	85	2.60	A	2.60						
1	VSTF	PL	90* 9	503		0.09	A	0.09						
JL6-JL6A							A	3.56						

APPROACH BRIDGE CROSSBEAM R23 JL6A-JL7														
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Caluculation of Steel Primer

(Unit: mm,m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	FLG	PL	230* 10	2660		1.22	A	1.22				
1	WEB	PL	800* 9	2676	85	3.64	A	3.64				
3	VSTF	PL	90* 9	503		0.27	A	0.27				
JL6A-JL7							A	5.13				

APPROACH BRIDGE CROSSBEAM R23 JL7-JL8												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	FLG	PL	230* 10	168		0.08	A	0.08				
1	FLG	PL	230* 10	630		0.29	A	0.29				
1	CR-FLG	PL	230* 10	2546		1.17	A	1.17				
1	CR-FLG	PL	100* 10	1721		0.34	A	0.34				
1	WEB	PL	788* 9	609	55	0.53	A	0.53				
1	WEB	PL	803* 9	168		0.27	A	0.27				
1	CR-WEB	PL	800* 9	2990		4.78	A	4.78				
1	CR-WEB	PL	400* 9	1714		1.37	A	1.37				
2	CR-VSTF	PL	90* 9	503		0.18	C	0.18				
1	CR-VSTF	PL	240* 19	1808		0.87	C	0.87				
1	CR-VSTF	PL	240* 19	1510		0.72	C	0.72				
JL7-JL8							A	8.83	C	1.77		

APPROACH BRIDGE CROSSBEAM R23 JL8-RR1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	FLG	PL	230* 10	1024		0.47	A	0.47				
1	WEB	PL	636* 9	1113	65	0.92	A	0.92				
1	VSTF	PL	90* 9	509		0.09	A	0.09				
JL8-RR1							A	1.48				
R23							A	55.31	C	6.34		

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM R24 LL1-JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1024		0.47	A	0.47				
1	WEB	PL	636* 9	1113	65	0.92	A	0.92				
1	VSTF	PL	90* 9	509		0.09	A	0.09				
LL1-JL1							A	1.48				

APPROACH BRIDGE CROSSBEAM R24 JL1-JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	630		0.29	A	0.29				
1	FLG	PL	230* 10	168		0.08	A	0.08				
1	CR-FLG	PL	230* 10	2545		1.17	A	1.17				
1	CR-FLG	PL	100* 10	1721		0.34	A	0.34				
1	WEB	PL	788* 9	609	55	0.53	A	0.53				
1	CR-WEB	PL	800* 9	2990		4.78	A	4.78				
1	CR-WEB	PL	400* 9	1714		1.37	A	1.37				
1	WEB	PL	803* 9	168		0.27	A	0.27				
2	CR-VSTF	PL	90* 9	503		0.18	C	0.18				
1	CR-VSTF	PL	240* 19	1808		0.87	C	0.87				
1	CR-VSTF	PL	240* 19	1510		0.72	C	0.72				
JL1-JL2							A	8.83	C	1.77		

APPROACH BRIDGE CROSSBEAM R24 JL2-JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1285		0.59	A	0.59				
1	WEB	PL	800* 9	1301	85	1.77	A	1.77				
1	VSTF	PL	90* 9	495		0.09	A	0.09				
JL2-JL3							A	2.45				

APPROACH BRIDGE CROSSBEAM R24 JL3-JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08				
1	FLG	PL	230* 10	169		0.08	A	0.08				
1	CR-FLG	PL	230* 10	2690		1.24	A	1.24				
1	CR-FLG	PL	100* 10	2690		0.54	A	0.54				
1	WEB	PL	803* 9	169		0.27	A	0.27				
1	WEB	PL	803* 9	169		0.27	A	0.27				

Caluculation of Steel Primer

(Unit: mm, m²)

1	CR-WEB	PL	800* 9	2707		4.33	A	4.33						
1	CR-WEB	PL	400* 9	2690		2.15	A	2.15						
2	CR-VSTF	PL	90* 9	765		0.28	C	0.28						
1	CR-VSTF	PL	190* 15	1457		0.55	C	0.55						
1	CR-VSTF	PL	190* 15	1507		0.57	C	0.57						
JL3-JL4							A	8.96	C	1.40				

APPROACH BRIDGE CROSSBEAM R24 JL4-JL5														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	2936		1.35	A	1.35						
1	WEB	PL	829* 9	2935	85	4.14	A	4.14						
1	VSTF	PL	90* 9	765		0.14	A	0.14						
JL4-JL5							A	5.63						

APPROACH BRIDGE CROSSBEAM R24 JL5-JL6														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08						
1	FLG	PL	230* 10	169		0.08	A	0.08						
1	CR-FLG	PL	230* 10	2691		1.24	A	1.24						
1	CR-FLG	PL	100* 10	2690		0.54	A	0.54						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	CR-WEB	PL	800* 9	2707		4.33	A	4.33						
1	CR-WEB	PL	400* 9	2690		2.15	A	2.15						
2	CR-VSTF	PL	90* 9	765		0.28	C	0.28						
1	CR-VSTF	PL	190* 15	1457		0.55	C	0.55						
1	CR-VSTF	PL	190* 15	1507		0.57	C	0.57						
JL5-JL6							A	8.96	C	1.40				

APPROACH BRIDGE CROSSBEAM R24 JL6-JL6A														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	1895		0.87	A	0.87						
1	WEB	PL	800* 9	1911	85	2.60	A	2.60						
1	VSTF	PL	90* 9	503		0.09	A	0.09						
JL6-JL6A							A	3.56						

APPROACH BRIDGE CROSSBEAM R24 JL6A-JL7														
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Caluculation of Steel Primer

(Unit: mm,m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	FLG	PL	230* 10	2642		1.22	A	1.22				
1	WEB	PL	800* 9	2658	85	3.61	A	3.61				
3	VSTF	PL	90* 9	503		0.27	A	0.27				
JL6A-JL7							A	5.10				

APPROACH BRIDGE CROSSBEAM R24 JL7-JL8												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	FLG	PL	230* 10	168		0.08	A	0.08				
1	FLG	PL	230* 10	630		0.29	A	0.29				
1	CR-FLG	PL	230* 10	2546		1.17	A	1.17				
1	CR-FLG	PL	100* 10	1721		0.34	A	0.34				
1	WEB	PL	788* 9	609	55	0.53	A	0.53				
1	WEB	PL	803* 9	168		0.27	A	0.27				
1	CR-WEB	PL	800* 9	2990		4.78	A	4.78				
1	CR-WEB	PL	400* 9	1714		1.37	A	1.37				
2	CR-VSTF	PL	90* 9	503		0.18	C	0.18				
1	CR-VSTF	PL	240* 19	1808		0.87	C	0.87				
1	CR-VSTF	PL	240* 19	1510		0.72	C	0.72				
JL7-JL8							A	8.83	C	1.77		

APPROACH BRIDGE CROSSBEAM R24 JL8-RR1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	FLG	PL	230* 10	1024		0.47	A	0.47				
1	WEB	PL	636* 9	1113	65	0.92	A	0.92				
1	VSTF	PL	90* 9	509		0.09	A	0.09				
JL8-RR1							A	1.48				
R24							A	55.28	C	6.34		

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM R25 LL1-JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1024		0.47	A	0.47				
1	WEB	PL	636* 9	1113	65	0.92	A	0.92				
1	VSTF	PL	90* 9	509		0.09	A	0.09				
LL1-JL1							A	1.48				

APPROACH BRIDGE CROSSBEAM R25 JL1-JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	630		0.29	A	0.29				
1	FLG	PL	230* 10	168		0.08	A	0.08				
1	CR-FLG	PL	230* 10	2545		1.17	A	1.17				
1	CR-FLG	PL	100* 10	1721		0.34	A	0.34				
1	WEB	PL	788* 9	609	55	0.53	A	0.53				
1	CR-WEB	PL	800* 9	2990		4.78	A	4.78				
1	CR-WEB	PL	400* 9	1714		1.37	A	1.37				
1	WEB	PL	803* 9	168		0.27	A	0.27				
2	CR-VSTF	PL	90* 9	503		0.18	C	0.18				
1	CR-VSTF	PL	240* 19	1808		0.87	C	0.87				
1	CR-VSTF	PL	240* 19	1510		0.72	C	0.72				
JL1-JL2							A	8.83	C	1.77		

APPROACH BRIDGE CROSSBEAM R25 JL2-JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1285		0.59	A	0.59				
1	WEB	PL	800* 9	1301	85	1.77	A	1.77				
1	VSTF	PL	90* 9	495		0.09	A	0.09				
JL2-JL3							A	2.45				

APPROACH BRIDGE CROSSBEAM R25 JL3-JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08				
1	FLG	PL	230* 10	169		0.08	A	0.08				
1	CR-FLG	PL	230* 10	2690		1.24	A	1.24				
1	CR-FLG	PL	100* 10	2690		0.54	A	0.54				
1	WEB	PL	803* 9	169		0.27	A	0.27				
1	WEB	PL	803* 9	169		0.27	A	0.27				

Caluculation of Steel Primer

(Unit: mm, m²)

1	CR-WEB	PL	800* 9	2707		4.33	A	4.33						
1	CR-WEB	PL	400* 9	2690		2.15	A	2.15						
2	CR-VSTF	PL	90* 9	765		0.28	C	0.28						
1	CR-VSTF	PL	190* 15	1457		0.55	C	0.55						
1	CR-VSTF	PL	190* 15	1507		0.57	C	0.57						
JL3-JL4							A	8.96	C	1.40				

APPROACH BRIDGE CROSSBEAM R25 JL4-JL5														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	2936		1.35	A	1.35						
1	WEB	PL	829* 9	2935	85	4.14	A	4.14						
1	VSTF	PL	90* 9	765		0.14	A	0.14						
JL4-JL5							A	5.63						

APPROACH BRIDGE CROSSBEAM R25 JL5-JL6														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08						
1	FLG	PL	230* 10	169		0.08	A	0.08						
1	CR-FLG	PL	230* 10	2691		1.24	A	1.24						
1	CR-FLG	PL	100* 10	2690		0.54	A	0.54						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	CR-WEB	PL	800* 9	2707		4.33	A	4.33						
1	CR-WEB	PL	400* 9	2690		2.15	A	2.15						
2	CR-VSTF	PL	90* 9	765		0.28	C	0.28						
1	CR-VSTF	PL	190* 15	1457		0.55	C	0.55						
1	CR-VSTF	PL	190* 15	1507		0.57	C	0.57						
JL5-JL6							A	8.96	C	1.40				

APPROACH BRIDGE CROSSBEAM R25 JL6-JL6A														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	1895		0.87	A	0.87						
1	WEB	PL	800* 9	1911	85	2.60	A	2.60						
1	VSTF	PL	90* 9	503		0.09	A	0.09						
JL6-JL6A							A	3.56						

APPROACH BRIDGE CROSSBEAM R25 JL6A-JL7														
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Caluculation of Steel Primer

(Unit: mm,m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	FLG	PL	230* 10	2636		1.21	A	1.21				
1	WEB	PL	800* 9	2652	85	3.61	A	3.61				
3	VSTF	PL	90* 9	503		0.27	A	0.27				
JL6A-JL7							A	5.09				

APPROACH BRIDGE CROSSBEAM R25 JL7-JL8												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	FLG	PL	230* 10	168		0.08	A	0.08				
1	FLG	PL	230* 10	630		0.29	A	0.29				
1	CR-FLG	PL	230* 10	2546		1.17	A	1.17				
1	CR-FLG	PL	100* 10	1721		0.34	A	0.34				
1	WEB	PL	788* 9	609	55	0.53	A	0.53				
1	WEB	PL	803* 9	168		0.27	A	0.27				
1	CR-WEB	PL	800* 9	2990		4.78	A	4.78				
1	CR-WEB	PL	400* 9	1714		1.37	A	1.37				
2	CR-VSTF	PL	90* 9	503		0.18	C	0.18				
1	CR-VSTF	PL	240* 19	1808		0.87	C	0.87				
1	CR-VSTF	PL	240* 19	1510		0.72	C	0.72				
JL7-JL8							A	8.83	C	1.77		

APPROACH BRIDGE CROSSBEAM R25 JL8-RR1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	FLG	PL	230* 10	1024		0.47	A	0.47				
1	WEB	PL	636* 9	1113	65	0.92	A	0.92				
1	VSTF	PL	90* 9	509		0.09	A	0.09				
JL8-RR1							A	1.48				
R25							A	55.27	C	6.34		

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM R26 LL1-JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1024		0.47	A	0.47				
1	WEB	PL	636* 9	1113	65	0.92	A	0.92				
1	VSTF	PL	90* 9	509		0.09	A	0.09				
LL1-JL1							A	1.48				

APPROACH BRIDGE CROSSBEAM R26 JL1-JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	630		0.29	A	0.29				
1	FLG	PL	230* 10	168		0.08	A	0.08				
1	CR-FLG	PL	230* 10	2545		1.17	A	1.17				
1	CR-FLG	PL	100* 10	1721		0.34	A	0.34				
1	WEB	PL	788* 9	609	55	0.53	A	0.53				
1	CR-WEB	PL	800* 9	2990		4.78	A	4.78				
1	CR-WEB	PL	400* 9	1714		1.37	A	1.37				
1	WEB	PL	803* 9	168		0.27	A	0.27				
2	CR-VSTF	PL	90* 9	503		0.18	C	0.18				
1	CR-VSTF	PL	240* 19	1808		0.87	C	0.87				
1	CR-VSTF	PL	240* 19	1510		0.72	C	0.72				
JL1-JL2							A	8.83	C	1.77		

APPROACH BRIDGE CROSSBEAM R26 JL2-JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1285		0.59	A	0.59				
1	WEB	PL	800* 9	1301	85	1.77	A	1.77				
1	VSTF	PL	90* 9	495		0.09	A	0.09				
JL2-JL3							A	2.45				

APPROACH BRIDGE CROSSBEAM R26 JL3-JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08				
1	FLG	PL	230* 10	169		0.08	A	0.08				
1	CR-FLG	PL	230* 10	2690		1.24	A	1.24				
1	CR-FLG	PL	100* 10	2690		0.54	A	0.54				
1	WEB	PL	803* 9	169		0.27	A	0.27				
1	WEB	PL	803* 9	169		0.27	A	0.27				

Caluculation of Steel Primer

(Unit: mm, m²)

1	CR-WEB	PL	800* 9	2707		4.33	A	4.33						
1	CR-WEB	PL	400* 9	2690		2.15	A	2.15						
2	CR-VSTF	PL	90* 9	765		0.28	C	0.28						
1	CR-VSTF	PL	190* 15	1457		0.55	C	0.55						
1	CR-VSTF	PL	190* 15	1507		0.57	C	0.57						
JL3-JL4							A	8.96	C	1.40				

APPROACH BRIDGE CROSSBEAM R26 JL4-JL5														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	2936		1.35	A	1.35						
1	WEB	PL	829* 9	2935	85	4.14	A	4.14						
2	VSTF	PL	90* 9	765		0.28	A	0.28						
JL4-JL5							A	5.77						

APPROACH BRIDGE CROSSBEAM R26 JL5-JL6														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08						
1	FLG	PL	230* 10	169		0.08	A	0.08						
1	CR-FLG	PL	230* 10	2691		1.24	A	1.24						
1	CR-FLG	PL	100* 10	2690		0.54	A	0.54						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	CR-WEB	PL	800* 9	2707		4.33	A	4.33						
1	CR-WEB	PL	400* 9	2690		2.15	A	2.15						
2	CR-VSTF	PL	90* 9	765		0.28	C	0.28						
1	CR-VSTF	PL	190* 15	1457		0.55	C	0.55						
1	CR-VSTF	PL	190* 15	1507		0.57	C	0.57						
JL5-JL6							A	8.96	C	1.40				

APPROACH BRIDGE CROSSBEAM R26 JL6-JL6A														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	1895		0.87	A	0.87						
1	WEB	PL	800* 9	1911	85	2.60	A	2.60						
1	VSTF	PL	90* 9	503		0.09	A	0.09						
JL6-JL6A							A	3.56						

APPROACH BRIDGE CROSSBEAM R26 JL6A-JL7														
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Caluculation of Steel Primer

(Unit: mm,m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	FLG	PL	230* 10	2636		1.21	A	1.21				
1	WEB	PL	800* 9	2652	85	3.61	A	3.61				
3	VSTF	PL	90* 9	503		0.27	A	0.27				
JL6A-JL7							A	5.09				

APPROACH BRIDGE CROSSBEAM R26 JL7-JL8												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	FLG	PL	230* 10	168		0.08	A	0.08				
1	FLG	PL	230* 10	630		0.29	A	0.29				
1	CR-FLG	PL	230* 10	2546		1.17	A	1.17				
1	CR-FLG	PL	100* 10	1721		0.34	A	0.34				
1	WEB	PL	788* 9	609	55	0.53	A	0.53				
1	WEB	PL	803* 9	168		0.27	A	0.27				
1	CR-WEB	PL	800* 9	2990		4.78	A	4.78				
1	CR-WEB	PL	400* 9	1714		1.37	A	1.37				
2	CR-VSTF	PL	90* 9	503		0.18	C	0.18				
1	CR-VSTF	PL	240* 19	1808		0.87	C	0.87				
1	CR-VSTF	PL	240* 19	1510		0.72	C	0.72				
JL7-JL8							A	8.83	C	1.77		

APPROACH BRIDGE CROSSBEAM R26 JL8-RR1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	FLG	PL	230* 10	1024		0.47	A	0.47				
1	WEB	PL	636* 9	1113	65	0.92	A	0.92				
1	VSTF	PL	90* 9	509		0.09	A	0.09				
JL8-RR1							A	1.48				
R26							A	55.41	C	6.34		

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM R27 LL1-JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1024		0.47	A	0.47				
1	WEB	PL	636* 9	1113	65	0.92	A	0.92				
1	VSTF	PL	90* 9	509		0.09	A	0.09				
LL1-JL1							A	1.48				

APPROACH BRIDGE CROSSBEAM R27 JL1-JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	633		0.29	A	0.29				
1	FLG	PL	230* 10	168		0.08	A	0.08				
1	CR-FLG	PL	230* 10	2545		1.17	A	1.17				
1	CR-FLG	PL	100* 10	1721		0.34	A	0.34				
1	WEB	PL	788* 9	609	55	0.53	A	0.53				
1	CR-WEB	PL	800* 9	2990		4.78	A	4.78				
1	CR-WEB	PL	400* 9	1714		1.37	A	1.37				
1	WEB	PL	803* 9	168		0.27	A	0.27				
2	CR-VSTF	PL	90* 9	503		0.18	C	0.18				
1	CR-VSTF	PL	240* 19	1808		0.87	C	0.87				
1	CR-VSTF	PL	240* 19	1510		0.72	C	0.72				
JL1-JL2							A	8.83	C	1.77		

APPROACH BRIDGE CROSSBEAM R27 JL2-JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1285		0.59	A	0.59				
1	WEB	PL	800* 9	1301	85	1.77	A	1.77				
1	VSTF	PL	90* 9	495		0.09	A	0.09				
JL2-JL3							A	2.45				

APPROACH BRIDGE CROSSBEAM R27 JL3-JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08				
1	FLG	PL	230* 10	169		0.08	A	0.08				
1	CR-FLG	PL	230* 10	2690		1.24	A	1.24				
1	CR-FLG	PL	100* 10	2690		0.54	A	0.54				
1	WEB	PL	803* 9	169		0.27	A	0.27				
1	WEB	PL	803* 9	169		0.27	A	0.27				

Caluculation of Steel Primer

(Unit: mm, m²)

1	CR-WEB	PL	800* 9	2707		4.33	A	4.33						
1	CR-WEB	PL	400* 9	2690		2.15	A	2.15						
2	CR-VSTF	PL	90* 9	765		0.28	C	0.28						
1	CR-VSTF	PL	190* 15	1457		0.55	C	0.55						
1	CR-VSTF	PL	190* 15	1507		0.57	C	0.57						
JL3-JL4							A	8.96	C	1.40				

APPROACH BRIDGE CROSSBEAM R27 JL4-JL5														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	2936		1.35	A	1.35						
1	WEB	PL	829* 9	2935	85	4.14	A	4.14						
2	VSTF	PL	90* 9	765		0.28	A	0.28						
JL4-JL5							A	5.77						

APPROACH BRIDGE CROSSBEAM R27 JL5-JL6														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08						
1	FLG	PL	230* 10	169		0.08	A	0.08						
1	CR-FLG	PL	230* 10	2691		1.24	A	1.24						
1	CR-FLG	PL	100* 10	2690		0.54	A	0.54						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	CR-WEB	PL	800* 9	2707		4.33	A	4.33						
1	CR-WEB	PL	400* 9	2690		2.15	A	2.15						
2	CR-VSTF	PL	90* 9	765		0.28	C	0.28						
1	CR-VSTF	PL	190* 15	1457		0.55	C	0.55						
1	CR-VSTF	PL	190* 15	1507		0.57	C	0.57						
JL5-JL6							A	8.96	C	1.40				

APPROACH BRIDGE CROSSBEAM R27 JL6-JL6A														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	1895		0.87	A	0.87						
1	WEB	PL	800* 9	1911	85	2.60	A	2.60						
1	VSTF	PL	90* 9	503		0.09	A	0.09						
JL6-JL6A							A	3.56						

APPROACH BRIDGE CROSSBEAM R27 JL6A-JL7														
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Caluculation of Steel Primer

(Unit: mm,m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	FLG	PL	230* 10	2354		1.08	A	1.08				
1	WEB	PL	800* 9	2370	85	3.22	A	3.22				
2	VSTF	PL	90* 9	503		0.18	A	0.18				
JL6A-JL7							A	4.48				

APPROACH BRIDGE CROSSBEAM R27 JL7-JL8												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	FLG	PL	230* 10	176		0.08	A	0.08				
1	FLG	PL	230* 10	633		0.29	A	0.29				
1	CR-FLG	PL	230* 10	2546		1.17	A	1.17				
1	CR-FLG	PL	100* 10	1721		0.34	A	0.34				
1	WEB	PL	788* 9	611	55	0.53	A	0.53				
1	WEB	PL	803* 9	168		0.27	A	0.27				
1	CR-WEB	PL	800* 9	2990		4.78	A	4.78				
1	CR-WEB	PL	400* 9	1714		1.37	A	1.37				
2	CR-VSTF	PL	90* 9	503		0.18	C	0.18				
1	CR-VSTF	PL	240* 19	1808		0.87	C	0.87				
1	CR-VSTF	PL	240* 19	1510		0.72	C	0.72				
JL7-JL8							A	8.83	C	1.77		

APPROACH BRIDGE CROSSBEAM R27 JL8-RR1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	FLG	PL	230* 10	1024		0.47	A	0.47				
1	WEB	PL	636* 9	1113	65	0.92	A	0.92				
1	VSTF	PL	90* 9	509		0.09	A	0.09				
JL8-RR1							A	1.48				
R27							A	54.80	C	6.34		

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM R28 LL1-JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1024		0.47	A	0.47				
1	WEB	PL	636* 9	1113	65	0.92	A	0.92				
1	VSTF	PL	90* 9	509		0.09	A	0.09				
LL1-JL1							A	1.48				

APPROACH BRIDGE CROSSBEAM R28 JL1-JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	633		0.29	A	0.29				
1	FLG	PL	230* 10	168		0.08	A	0.08				
1	CR-FLG	PL	230* 10	2545		1.17	A	1.17				
1	CR-FLG	PL	100* 10	1721		0.34	A	0.34				
1	WEB	PL	788* 9	609	55	0.53	A	0.53				
1	CR-WEB	PL	800* 9	2990		4.78	A	4.78				
1	CR-WEB	PL	400* 9	1714		1.37	A	1.37				
1	WEB	PL	803* 9	168		0.27	A	0.27				
2	CR-VSTF	PL	90* 9	503		0.18	C	0.18				
1	CR-VSTF	PL	240* 19	1808		0.87	C	0.87				
1	CR-VSTF	PL	240* 19	1510		0.72	C	0.72				
JL1-JL2							A	8.83	C	1.77		

APPROACH BRIDGE CROSSBEAM R28 JL2-JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1285		0.59	A	0.59				
1	WEB	PL	800* 9	1301	85	1.77	A	1.77				
1	VSTF	PL	90* 9	495		0.09	A	0.09				
JL2-JL3							A	2.45				

APPROACH BRIDGE CROSSBEAM R28 JL3-JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08				
1	FLG	PL	230* 10	169		0.08	A	0.08				
1	CR-FLG	PL	230* 10	2690		1.24	A	1.24				
1	CR-FLG	PL	100* 10	2690		0.54	A	0.54				
1	WEB	PL	803* 9	169		0.27	A	0.27				
1	WEB	PL	803* 9	169		0.27	A	0.27				

Caluculation of Steel Primer

(Unit: mm, m²)

1	CR-WEB	PL	800* 9	2707		4.33	A	4.33						
1	CR-WEB	PL	400* 9	2690		2.15	A	2.15						
2	CR-VSTF	PL	90* 9	765		0.28	C	0.28						
1	CR-VSTF	PL	190* 15	1457		0.55	C	0.55						
1	CR-VSTF	PL	190* 15	1507		0.57	C	0.57						
JL3-JL4							A	8.96	C	1.40				

APPROACH BRIDGE CROSSBEAM R28 JL4-JL5														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	2936		1.35	A	1.35						
1	WEB	PL	829* 9	2935	85	4.14	A	4.14						
2	VSTF	PL	90* 9	765		0.28	A	0.28						
JL4-JL5							A	5.77						

APPROACH BRIDGE CROSSBEAM R28 JL5-JL6														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08						
1	FLG	PL	230* 10	169		0.08	A	0.08						
1	CR-FLG	PL	230* 10	2691		1.24	A	1.24						
1	CR-FLG	PL	100* 10	2690		0.54	A	0.54						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	CR-WEB	PL	800* 9	2707		4.33	A	4.33						
1	CR-WEB	PL	400* 9	2690		2.15	A	2.15						
2	CR-VSTF	PL	90* 9	765		0.28	C	0.28						
1	CR-VSTF	PL	190* 15	1457		0.55	C	0.55						
1	CR-VSTF	PL	190* 15	1507		0.57	C	0.57						
JL5-JL6							A	8.96	C	1.40				

APPROACH BRIDGE CROSSBEAM R28 JL6-JL6A														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	1895		0.87	A	0.87						
1	WEB	PL	800* 9	1911	85	2.60	A	2.60						
1	VSTF	PL	90* 9	503		0.09	A	0.09						
JL6-JL6A							A	3.56						

APPROACH BRIDGE CROSSBEAM R28 JL6A-JL7														
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Caluculation of Steel Primer

(Unit: mm,m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	FLG	PL	230* 10	2008		0.92	A	0.92				
1	WEB	PL	800* 9	2024	85	2.75	A	2.75				
2	VSTF	PL	90* 9	503		0.18	A	0.18				
JL6A-JL7							A	3.85				

APPROACH BRIDGE CROSSBEAM R28 JL7-JL8												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	FLG	PL	230* 10	176		0.08	A	0.08				
1	FLG	PL	230* 10	633		0.29	A	0.29				
1	CR-FLG	PL	230* 10	2546		1.17	A	1.17				
1	CR-FLG	PL	100* 10	1721		0.34	A	0.34				
1	WEB	PL	788* 9	611	55	0.53	A	0.53				
1	WEB	PL	803* 9	168		0.27	A	0.27				
1	CR-WEB	PL	800* 9	2990		4.78	A	4.78				
1	CR-WEB	PL	400* 9	1714		1.37	A	1.37				
2	CR-VSTF	PL	90* 9	503		0.18	C	0.18				
1	CR-VSTF	PL	240* 19	1808		0.87	C	0.87				
1	CR-VSTF	PL	240* 19	1510		0.72	C	0.72				
JL7-JL8							A	8.83	C	1.77		

APPROACH BRIDGE CROSSBEAM R28 JL8-RR1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	FLG	PL	230* 10	1024		0.47	A	0.47				
1	WEB	PL	636* 9	1113	65	0.92	A	0.92				
1	VSTF	PL	90* 9	509		0.09	A	0.09				
JL8-RR1							A	1.48				
R28							A	54.17	C	6.34		

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM R29 LL1-JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1024		0.47	A	0.47				
1	WEB	PL	636* 9	1113	65	0.92	A	0.92				
1	VSTF	PL	90* 9	509		0.09	A	0.09				
LL1-JL1							A	1.48				

APPROACH BRIDGE CROSSBEAM R29 JL1-JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	633		0.29	A	0.29				
1	FLG	PL	230* 10	168		0.08	A	0.08				
1	CR-FLG	PL	230* 10	2545		1.17	A	1.17				
1	CR-FLG	PL	100* 10	1721		0.34	A	0.34				
1	WEB	PL	788* 9	609	55	0.53	A	0.53				
1	CR-WEB	PL	800* 9	2990		4.78	A	4.78				
1	CR-WEB	PL	400* 9	1714		1.37	A	1.37				
1	WEB	PL	803* 9	168		0.27	A	0.27				
2	CR-VSTF	PL	90* 9	503		0.18	C	0.18				
1	CR-VSTF	PL	240* 19	1808		0.87	C	0.87				
1	CR-VSTF	PL	240* 19	1510		0.72	C	0.72				
JL1-JL2							A	8.83	C	1.77		

APPROACH BRIDGE CROSSBEAM R29 JL2-JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1285		0.59	A	0.59				
1	WEB	PL	800* 9	1301	85	1.77	A	1.77				
1	VSTF	PL	90* 9	495		0.09	A	0.09				
JL2-JL3							A	2.45				

APPROACH BRIDGE CROSSBEAM R29 JL3-JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08				
1	FLG	PL	230* 10	169		0.08	A	0.08				
1	CR-FLG	PL	230* 10	2690		1.24	A	1.24				
1	CR-FLG	PL	100* 10	2690		0.54	A	0.54				
1	WEB	PL	803* 9	169		0.27	A	0.27				
1	WEB	PL	803* 9	169		0.27	A	0.27				

Caluculation of Steel Primer

(Unit: mm, m²)

1	CR-WEB	PL	800* 9	2707		4.33	A	4.33						
1	CR-WEB	PL	400* 9	2690		2.15	A	2.15						
2	CR-VSTF	PL	90* 9	765		0.28	C	0.28						
1	CR-VSTF	PL	190* 15	1457		0.55	C	0.55						
1	CR-VSTF	PL	190* 15	1507		0.57	C	0.57						
JL3-JL4							A	8.96	C	1.40				

APPROACH BRIDGE CROSSBEAM R29 JL4-JL5														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	2936		1.35	A	1.35						
1	WEB	PL	829* 9	2935	85	4.14	A	4.14						
2	VSTF	PL	90* 9	765		0.28	A	0.28						
JL4-JL5							A	5.77						

APPROACH BRIDGE CROSSBEAM R29 JL5-JL6														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08						
1	FLG	PL	230* 10	169		0.08	A	0.08						
1	CR-FLG	PL	230* 10	2691		1.24	A	1.24						
1	CR-FLG	PL	100* 10	2690		0.54	A	0.54						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	CR-WEB	PL	800* 9	2707		4.33	A	4.33						
1	CR-WEB	PL	400* 9	2690		2.15	A	2.15						
2	CR-VSTF	PL	90* 9	765		0.28	C	0.28						
1	CR-VSTF	PL	190* 15	1457		0.55	C	0.55						
1	CR-VSTF	PL	190* 15	1507		0.57	C	0.57						
JL5-JL6							A	8.96	C	1.40				

APPROACH BRIDGE CROSSBEAM R29 JL6-JL6A														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	1895		0.87	A	0.87						
1	WEB	PL	800* 9	1911	85	2.60	A	2.60						
1	VSTF	PL	90* 9	503		0.09	A	0.09						
JL6-JL6A							A	3.56						

APPROACH BRIDGE CROSSBEAM R29 JL6A-JL7														
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Caluculation of Steel Primer

(Unit: mm,m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	FLG	PL	230* 10	1661		0.76	A	0.76				
1	WEB	PL	800* 9	1677	85	2.28	A	2.28				
2	VSTF	PL	90* 9	503		0.18	A	0.18				
JL6A-JL7							A	3.22				

APPROACH BRIDGE CROSSBEAM R29 JL7-JL8												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	FLG	PL	230* 10	176		0.08	A	0.08				
1	FLG	PL	230* 10	633		0.29	A	0.29				
1	CR-FLG	PL	230* 10	2546		1.17	A	1.17				
1	CR-FLG	PL	100* 10	1721		0.34	A	0.34				
1	WEB	PL	788* 9	611	55	0.53	A	0.53				
1	WEB	PL	803* 9	168		0.27	A	0.27				
1	CR-WEB	PL	800* 9	2990		4.78	A	4.78				
1	CR-WEB	PL	400* 9	1714		1.37	A	1.37				
2	CR-VSTF	PL	90* 9	503		0.18	C	0.18				
1	CR-VSTF	PL	240* 19	1808		0.87	C	0.87				
1	CR-VSTF	PL	240* 19	1510		0.72	C	0.72				
JL7-JL8							A	8.83	C	1.77		

APPROACH BRIDGE CROSSBEAM R29 JL8-RR1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	FLG	PL	230* 10	1024		0.47	A	0.47				
1	WEB	PL	636* 9	1113	65	0.92	A	0.92				
1	VSTF	PL	90* 9	509		0.09	A	0.09				
JL8-RR1							A	1.48				
R29							A	53.54	C	6.34		

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM R30 LL1-JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1024		0.47	A	0.47				
1	WEB	PL	636* 9	1113	65	0.92	A	0.92				
1	VSTF	PL	90* 9	509		0.09	A	0.09				
LL1-JL1							A	1.48				

APPROACH BRIDGE CROSSBEAM R30 JL1-JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	630		0.29	A	0.29				
1	FLG	PL	230* 10	168		0.08	A	0.08				
1	CR-FLG	PL	230* 10	2545		1.17	A	1.17				
1	CR-FLG	PL	100* 10	1721		0.34	A	0.34				
1	WEB	PL	788* 9	609	55	0.53	A	0.53				
1	CR-WEB	PL	800* 9	2990		4.78	A	4.78				
1	CR-WEB	PL	400* 9	1714		1.37	A	1.37				
1	WEB	PL	803* 9	168		0.27	A	0.27				
2	CR-VSTF	PL	90* 9	503		0.18	C	0.18				
1	CR-VSTF	PL	240* 19	1808		0.87	C	0.87				
1	CR-VSTF	PL	240* 19	1510		0.72	C	0.72				
JL1-JL2							A	8.83	C	1.77		

APPROACH BRIDGE CROSSBEAM R30 JL2-JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1285		0.59	A	0.59				
1	WEB	PL	800* 9	1301	85	1.77	A	1.77				
1	VSTF	PL	90* 9	495		0.09	A	0.09				
JL2-JL3							A	2.45				

APPROACH BRIDGE CROSSBEAM R30 JL3-JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08				
1	FLG	PL	230* 10	169		0.08	A	0.08				
1	CR-FLG	PL	230* 10	2690		1.24	A	1.24				
1	CR-FLG	PL	100* 10	2690		0.54	A	0.54				
1	WEB	PL	803* 9	169		0.27	A	0.27				
1	WEB	PL	803* 9	169		0.27	A	0.27				

Caluculation of Steel Primer

(Unit: mm, m²)

1	CR-WEB	PL	800* 9	2707		4.33	A	4.33						
1	CR-WEB	PL	400* 9	2690		2.15	A	2.15						
2	CR-VSTF	PL	90* 9	765		0.28	C	0.28						
1	CR-VSTF	PL	190* 15	1457		0.55	C	0.55						
1	CR-VSTF	PL	190* 15	1507		0.57	C	0.57						
JL3-JL4							A	8.96	C	1.40				

APPROACH BRIDGE CROSSBEAM R30 JL4-JL5														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	2936		1.35	A	1.35						
1	WEB	PL	829* 9	2935	85	4.14	A	4.14						
2	VSTF	PL	90* 9	765		0.28	A	0.28						
JL4-JL5							A	5.77						

APPROACH BRIDGE CROSSBEAM R30 JL5-JL6														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	168		0.08	A	0.08						
1	FLG	PL	230* 10	169		0.08	A	0.08						
1	CR-FLG	PL	230* 10	2691		1.24	A	1.24						
1	CR-FLG	PL	100* 10	2690		0.54	A	0.54						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	CR-WEB	PL	800* 9	2707		4.33	A	4.33						
1	CR-WEB	PL	400* 9	2690		2.15	A	2.15						
2	CR-VSTF	PL	90* 9	765		0.28	C	0.28						
1	CR-VSTF	PL	190* 15	1457		0.55	C	0.55						
1	CR-VSTF	PL	190* 15	1507		0.57	C	0.57						
JL5-JL6							A	8.96	C	1.40				

APPROACH BRIDGE CROSSBEAM R30 JL6-JL6A														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	1895		0.87	A	0.87						
1	WEB	PL	800* 9	1911	85	2.60	A	2.60						
1	VSTF	PL	90* 9	503		0.09	A	0.09						
JL6-JL6A							A	3.56						

APPROACH BRIDGE CROSSBEAM R30 JL6A-JL7														
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Caluculation of Steel Primer

(Unit: mm,m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	FLG	PL	230* 10	1314		0.60	A	0.60				
1	WEB	PL	800* 9	1330	85	1.81	A	1.81				
1	VSTF	PL	90* 9	503		0.09	A	0.09				
JL6A-JL7							A	2.50				

APPROACH BRIDGE CROSSBEAM R30 JL7-JL8												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	FLG	PL	230* 10	176		0.08	A	0.08				
1	FLG	PL	230* 10	630		0.29	A	0.29				
1	CR-FLG	PL	230* 10	2546		1.17	A	1.17				
1	CR-FLG	PL	100* 10	1721		0.34	A	0.34				
1	WEB	PL	788* 9	609	55	0.53	A	0.53				
1	WEB	PL	803* 9	168		0.27	A	0.27				
1	CR-WEB	PL	800* 9	2990		4.78	A	4.78				
1	CR-WEB	PL	400* 9	1714		1.37	A	1.37				
2	CR-VSTF	PL	90* 9	503		0.18	C	0.18				
1	CR-VSTF	PL	240* 19	1808		0.87	C	0.87				
1	CR-VSTF	PL	240* 19	1510		0.72	C	0.72				
JL7-JL8							A	8.83	C	1.77		

APPROACH BRIDGE CROSSBEAM R30 JL8-RR1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	FLG	PL	230* 10	1024		0.47	A	0.47				
1	WEB	PL	636* 9	1113	65	0.92	A	0.92				
1	VSTF	PL	90* 9	509		0.09	A	0.09				
JL8-RR1							A	1.48				
R30							A	52.82	C	6.34		

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM R31 LL1-JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1024		0.47	A	0.47				
1	WEB	PL	636* 9	1113	65	0.92	A	0.92				
1	VSTF	PL	90* 9	509		0.09	A	0.09				
LL1-JL1							A	1.48				

APPROACH BRIDGE CROSSBEAM R31 JL1-JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	627		0.29	A	0.29				
1	FLG	PL	230* 10	166		0.08	A	0.08				
1	CR-FLG	PL	230* 10	2545		1.17	A	1.17				
1	CR-FLG	PL	100* 10	1721		0.34	A	0.34				
1	WEB	PL	787* 9	606	55	0.52	A	0.52				
1	CR-WEB	PL	800* 9	2990		4.78	A	4.78				
1	CR-WEB	PL	400* 9	1714		1.37	A	1.37				
1	WEB	PL	803* 9	166		0.27	A	0.27				
2	CR-VSTF	PL	90* 9	503		0.18	C	0.18				
1	CR-VSTF	PL	240* 19	1808		0.87	C	0.87				
1	CR-VSTF	PL	240* 19	1510		0.72	C	0.72				
JL1-JL2							A	8.82	C	1.77		

APPROACH BRIDGE CROSSBEAM R31 JL2-JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1285		0.59	A	0.59				
1	WEB	PL	800* 9	1301	85	1.77	A	1.77				
1	VSTF	PL	90* 9	495		0.09	A	0.09				
JL2-JL3							A	2.45				

APPROACH BRIDGE CROSSBEAM R31 JL3-JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08				
1	FLG	PL	230* 10	169		0.08	A	0.08				
1	CR-FLG	PL	230* 10	2690		1.24	A	1.24				
1	CR-FLG	PL	100* 10	2690		0.54	A	0.54				
1	WEB	PL	803* 9	169		0.27	A	0.27				
1	WEB	PL	803* 9	169		0.27	A	0.27				

Caluculation of Steel Primer

(Unit: mm, m²)

1	CR-WEB	PL	800* 9	2707		4.33	A	4.33						
1	CR-WEB	PL	400* 9	2690		2.15	A	2.15						
2	CR-VSTF	PL	90* 9	765		0.28	C	0.28						
1	CR-VSTF	PL	190* 15	1457		0.55	C	0.55						
1	CR-VSTF	PL	190* 15	1507		0.57	C	0.57						
JL3-JL4							A	8.96	C	1.40				

APPROACH BRIDGE CROSSBEAM R31 JL4-JL5														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	2936		1.35	A	1.35						
1	WEB	PL	829* 9	2935	85	4.14	A	4.14						
2	VSTF	PL	90* 9	765		0.28	A	0.28						
JL4-JL5							A	5.77						

APPROACH BRIDGE CROSSBEAM R31 JL5-JL6														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	168		0.08	A	0.08						
1	FLG	PL	230* 10	169		0.08	A	0.08						
1	CR-FLG	PL	230* 10	2691		1.24	A	1.24						
1	CR-FLG	PL	100* 10	2690		0.54	A	0.54						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	CR-WEB	PL	800* 9	2707		4.33	A	4.33						
1	CR-WEB	PL	400* 9	2690		2.15	A	2.15						
2	CR-VSTF	PL	90* 9	765		0.28	C	0.28						
1	CR-VSTF	PL	190* 15	1457		0.55	C	0.55						
1	CR-VSTF	PL	190* 15	1507		0.57	C	0.57						
JL5-JL6							A	8.96	C	1.40				

APPROACH BRIDGE CROSSBEAM R31 JL6-JL7														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	2870		1.32	A	1.32						
1	WEB	PL	800* 9	2886	85	3.92	A	3.92						
2	VSTF	PL	90* 9	503		0.18	A	0.18						
JL6-JL7							A	5.42						

APPROACH BRIDGE CROSSBEAM R31 JL7-JL8														
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Caluculation of Steel Primer

(Unit: mm,m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
1	FLG	PL	230* 10	174		0.08	A	0.08					
1	FLG	PL	230* 10	627		0.29	A	0.29					
1	CR-FLG	PL	230* 10	2546		1.17	A	1.17					
1	CR-FLG	PL	100* 10	1721		0.34	A	0.34					
1	WEB	PL	787* 9	606	55	0.52	A	0.52					
1	WEB	PL	803* 9	166		0.27	A	0.27					
1	CR-WEB	PL	800* 9	2990		4.78	A	4.78					
1	CR-WEB	PL	400* 9	1714		1.37	A	1.37					
2	CR-VSTF	PL	90* 9	503		0.18	C	0.18					
1	CR-VSTF	PL	240* 19	1808		0.87	C	0.87					
1	CR-VSTF	PL	240* 19	1510		0.72	C	0.72					
JL7-JL8							A	8.82	C	1.77			

APPROACH BRIDGE CROSSBEAM R31 JL8-RR1													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
1	FLG	PL	230* 10	1024		0.47	A	0.47					
1	WEB	PL	636* 9	1113	65	0.92	A	0.92					
1	VSTF	PL	90* 9	509		0.09	A	0.09					
JL8-RR1							A	1.48					
R31							A	52.16	C	6.34			

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM R32 LL1-JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1024		0.47	A	0.47				
1	WEB	PL	636* 9	1113	65	0.92	A	0.92				
1	VSTF	PL	90* 9	509		0.09	A	0.09				
LL1-JL1							A	1.48				

APPROACH BRIDGE CROSSBEAM R32 JL1-JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	627		0.29	A	0.29				
1	FLG	PL	230* 10	166		0.08	A	0.08				
1	CR-FLG	PL	230* 10	2545		1.17	A	1.17				
1	CR-FLG	PL	100* 10	1721		0.34	A	0.34				
1	WEB	PL	787* 9	606	55	0.52	A	0.52				
1	CR-WEB	PL	800* 9	2990		4.78	A	4.78				
1	CR-WEB	PL	400* 9	1714		1.37	A	1.37				
1	WEB	PL	803* 9	166		0.27	A	0.27				
2	CR-VSTF	PL	90* 9	503		0.18	C	0.18				
1	CR-VSTF	PL	240* 19	1808		0.87	C	0.87				
1	CR-VSTF	PL	240* 19	1510		0.72	C	0.72				
JL1-JL2							A	8.82	C	1.77		

APPROACH BRIDGE CROSSBEAM R32 JL2-JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1285		0.59	A	0.59				
1	WEB	PL	800* 9	1301	85	1.77	A	1.77				
1	VSTF	PL	90* 9	495		0.09	A	0.09				
JL2-JL3							A	2.45				

APPROACH BRIDGE CROSSBEAM R32 JL3-JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08				
1	FLG	PL	230* 10	169		0.08	A	0.08				
1	CR-FLG	PL	230* 10	2690		1.24	A	1.24				
1	CR-FLG	PL	100* 10	2690		0.54	A	0.54				
1	WEB	PL	803* 9	169		0.27	A	0.27				
1	WEB	PL	803* 9	169		0.27	A	0.27				

Caluculation of Steel Primer

(Unit: mm, m²)

1	CR-WEB	PL	800* 9	2707		4.33	A	4.33						
1	CR-WEB	PL	400* 9	2690		2.15	A	2.15						
2	CR-VSTF	PL	90* 9	765		0.28	C	0.28						
1	CR-VSTF	PL	190* 15	1457		0.55	C	0.55						
1	CR-VSTF	PL	190* 15	1507		0.57	C	0.57						
JL3-JL4							A	8.96	C	1.40				

APPROACH BRIDGE CROSSBEAM R32 JL4-JL5														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	2936		1.35	A	1.35						
1	WEB	PL	829* 9	2935	85	4.14	A	4.14						
2	VSTF	PL	90* 9	765		0.28	A	0.28						
JL4-JL5							A	5.77						

APPROACH BRIDGE CROSSBEAM R32 JL5-JL6														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	168		0.08	A	0.08						
1	FLG	PL	230* 10	169		0.08	A	0.08						
1	CR-FLG	PL	230* 10	2691		1.24	A	1.24						
1	CR-FLG	PL	100* 10	2690		0.54	A	0.54						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	CR-WEB	PL	800* 9	2707		4.33	A	4.33						
1	CR-WEB	PL	400* 9	2690		2.15	A	2.15						
2	CR-VSTF	PL	90* 9	765		0.28	C	0.28						
1	CR-VSTF	PL	190* 15	1457		0.55	C	0.55						
1	CR-VSTF	PL	190* 15	1507		0.57	C	0.57						
JL5-JL6							A	8.96	C	1.40				

APPROACH BRIDGE CROSSBEAM R32 JL6-JL7														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	2529		1.16	A	1.16						
1	WEB	PL	800* 9	2545	85	3.46	A	3.46						
2	VSTF	PL	90* 9	503		0.18	A	0.18						
JL6-JL7							A	4.80						

APPROACH BRIDGE CROSSBEAM R32 JL7-JL8														
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Caluculation of Steel Primer

(Unit: mm,m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
1	FLG	PL	230* 10	174		0.08	A	0.08					
1	FLG	PL	230* 10	627		0.29	A	0.29					
1	CR-FLG	PL	230* 10	2546		1.17	A	1.17					
1	CR-FLG	PL	100* 10	1721		0.34	A	0.34					
1	WEB	PL	787* 9	606	55	0.52	A	0.52					
1	WEB	PL	803* 9	166		0.27	A	0.27					
1	CR-WEB	PL	800* 9	2990		4.78	A	4.78					
1	CR-WEB	PL	400* 9	1714		1.37	A	1.37					
2	CR-VSTF	PL	90* 9	503		0.18	C	0.18					
1	CR-VSTF	PL	240* 19	1808		0.87	C	0.87					
1	CR-VSTF	PL	240* 19	1510		0.72	C	0.72					
JL7-JL8							A	8.82	C	1.77			

APPROACH BRIDGE CROSSBEAM R32 JL8-RR1													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
1	FLG	PL	230* 10	1024		0.47	A	0.47					
1	WEB	PL	636* 9	1113	65	0.92	A	0.92					
1	VSTF	PL	90* 9	509		0.09	A	0.09					
JL8-RR1							A	1.48					
R32							A	51.54	C	6.34			

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM R33 LL1-JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1024		0.47	A	0.47				
1	WEB	PL	636* 9	1113	65	0.92	A	0.92				
1	VSTF	PL	90* 9	509		0.09	A	0.09				
LL1-JL1							A	1.48				

APPROACH BRIDGE CROSSBEAM R33 JL1-JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	627		0.29	A	0.29				
1	FLG	PL	230* 10	166		0.08	A	0.08				
1	CR-FLG	PL	230* 10	2545		1.17	A	1.17				
1	CR-FLG	PL	100* 10	1721		0.34	A	0.34				
1	WEB	PL	787* 9	606	55	0.52	A	0.52				
1	CR-WEB	PL	800* 9	2990		4.78	A	4.78				
1	CR-WEB	PL	400* 9	1714		1.37	A	1.37				
1	WEB	PL	803* 9	166		0.27	A	0.27				
2	CR-VSTF	PL	90* 9	503		0.18	C	0.18				
1	CR-VSTF	PL	240* 19	1808		0.87	C	0.87				
1	CR-VSTF	PL	240* 19	1510		0.72	C	0.72				
JL1-JL2							A	8.82	C	1.77		

APPROACH BRIDGE CROSSBEAM R33 JL2-JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1285		0.59	A	0.59				
1	WEB	PL	800* 9	1301	85	1.77	A	1.77				
1	VSTF	PL	90* 9	495		0.09	A	0.09				
JL2-JL3							A	2.45				

APPROACH BRIDGE CROSSBEAM R33 JL3-JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08				
1	FLG	PL	230* 10	169		0.08	A	0.08				
1	CR-FLG	PL	230* 10	2690		1.24	A	1.24				
1	CR-FLG	PL	100* 10	2690		0.54	A	0.54				
1	WEB	PL	803* 9	169		0.27	A	0.27				
1	WEB	PL	803* 9	169		0.27	A	0.27				

Caluculation of Steel Primer

(Unit: mm, m²)

1	CR-WEB	PL	800* 9	2707		4.33	A	4.33						
1	CR-WEB	PL	400* 9	2690		2.15	A	2.15						
2	CR-VSTF	PL	90* 9	765		0.28	C	0.28						
1	CR-VSTF	PL	190* 15	1457		0.55	C	0.55						
1	CR-VSTF	PL	190* 15	1507		0.57	C	0.57						
JL3-JL4							A	8.96	C	1.40				

APPROACH BRIDGE CROSSBEAM R33 JL4-JL5														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	2936		1.35	A	1.35						
1	WEB	PL	829* 9	2935	85	4.14	A	4.14						
2	VSTF	PL	90* 9	765		0.28	A	0.28						
JL4-JL5							A	5.77						

APPROACH BRIDGE CROSSBEAM R33 JL5-JL6														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	168		0.08	A	0.08						
1	FLG	PL	230* 10	169		0.08	A	0.08						
1	CR-FLG	PL	230* 10	2691		1.24	A	1.24						
1	CR-FLG	PL	100* 10	2690		0.54	A	0.54						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	CR-WEB	PL	800* 9	2707		4.33	A	4.33						
1	CR-WEB	PL	400* 9	2690		2.15	A	2.15						
2	CR-VSTF	PL	90* 9	765		0.28	C	0.28						
1	CR-VSTF	PL	190* 15	1457		0.55	C	0.55						
1	CR-VSTF	PL	190* 15	1507		0.57	C	0.57						
JL5-JL6							A	8.96	C	1.40				

APPROACH BRIDGE CROSSBEAM R33 JL6-JL7														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	2198		1.01	A	1.01						
1	WEB	PL	800* 9	2214	85	3.01	A	3.01						
2	VSTF	PL	90* 9	503		0.18	A	0.18						
JL6-JL7							A	4.20						

APPROACH BRIDGE CROSSBEAM R33 JL7-JL8														
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Caluculation of Steel Primer

(Unit: mm,m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
1	FLG	PL	230* 10	174		0.08	A	0.08					
1	FLG	PL	230* 10	627		0.29	A	0.29					
1	CR-FLG	PL	230* 10	2546		1.17	A	1.17					
1	CR-FLG	PL	100* 10	1721		0.34	A	0.34					
1	WEB	PL	787* 9	606	55	0.52	A	0.52					
1	WEB	PL	803* 9	166		0.27	A	0.27					
1	CR-WEB	PL	800* 9	2990		4.78	A	4.78					
1	CR-WEB	PL	400* 9	1714		1.37	A	1.37					
2	CR-VSTF	PL	90* 9	503		0.18	C	0.18					
1	CR-VSTF	PL	240* 19	1808		0.87	C	0.87					
1	CR-VSTF	PL	240* 19	1510		0.72	C	0.72					
JL7-JL8							A	8.82	C	1.77			

APPROACH BRIDGE CROSSBEAM R33 JL8-RR1													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
1	FLG	PL	230* 10	1024		0.47	A	0.47					
1	WEB	PL	636* 9	1113	65	0.92	A	0.92					
1	VSTF	PL	90* 9	509		0.09	A	0.09					
JL8-RR1							A	1.48					
R33							A	50.94	C	6.34			

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM R34 LL1-JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1024		0.47	A	0.47				
1	WEB	PL	636* 9	1113	65	0.92	A	0.92				
1	VSTF	PL	90* 9	509		0.09	A	0.09				
LL1-JL1							A	1.48				

APPROACH BRIDGE CROSSBEAM R34 JL1-JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	627		0.29	A	0.29				
1	FLG	PL	230* 10	168		0.08	A	0.08				
1	CR-FLG	PL	230* 10	2545		1.17	A	1.17				
1	CR-FLG	PL	100* 10	1721		0.34	A	0.34				
1	WEB	PL	787* 9	606	55	0.52	A	0.52				
1	CR-WEB	PL	800* 9	2990		4.78	A	4.78				
1	CR-WEB	PL	400* 9	1714		1.37	A	1.37				
1	WEB	PL	803* 9	166		0.27	A	0.27				
2	CR-VSTF	PL	90* 9	503		0.18	C	0.18				
1	CR-VSTF	PL	240* 19	1808		0.87	C	0.87				
1	CR-VSTF	PL	240* 19	1510		0.72	C	0.72				
JL1-JL2							A	8.82	C	1.77		

APPROACH BRIDGE CROSSBEAM R34 JL2-JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1285		0.59	A	0.59				
1	WEB	PL	800* 9	1301	85	1.77	A	1.77				
1	VSTF	PL	90* 9	495		0.09	A	0.09				
JL2-JL3							A	2.45				

APPROACH BRIDGE CROSSBEAM R34 JL3-JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	166		0.08	A	0.08				
1	FLG	PL	230* 10	169		0.08	A	0.08				
1	CR-FLG	PL	230* 10	2690		1.24	A	1.24				
1	CR-FLG	PL	100* 10	2690		0.54	A	0.54				
1	WEB	PL	803* 9	169		0.27	A	0.27				
1	WEB	PL	803* 9	169		0.27	A	0.27				

Caluculation of Steel Primer

(Unit: mm, m²)

1	CR-WEB	PL	800* 9	2707		4.33	A	4.33						
1	CR-WEB	PL	400* 9	2690		2.15	A	2.15						
2	CR-VSTF	PL	90* 9	765		0.28	C	0.28						
1	CR-VSTF	PL	190* 15	1457		0.55	C	0.55						
1	CR-VSTF	PL	190* 15	1507		0.57	C	0.57						
JL3-JL4							A	8.96	C	1.40				

APPROACH BRIDGE CROSSBEAM R34 JL4-JL5														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	2936		1.35	A	1.35						
1	WEB	PL	829* 9	2935	85	4.14	A	4.14						
2	VSTF	PL	90* 9	765		0.28	A	0.28						
JL4-JL5							A	5.77						

APPROACH BRIDGE CROSSBEAM R34 JL5-JL6														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08						
1	FLG	PL	230* 10	169		0.08	A	0.08						
1	CR-FLG	PL	230* 10	2691		1.24	A	1.24						
1	CR-FLG	PL	100* 10	2690		0.54	A	0.54						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	CR-WEB	PL	800* 9	2707		4.33	A	4.33						
1	CR-WEB	PL	400* 9	2690		2.15	A	2.15						
2	CR-VSTF	PL	90* 9	765		0.28	C	0.28						
1	CR-VSTF	PL	190* 15	1457		0.55	C	0.55						
1	CR-VSTF	PL	190* 15	1507		0.57	C	0.57						
JL5-JL6							A	8.96	C	1.40				

APPROACH BRIDGE CROSSBEAM R34 JL6-JL7														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	1876		0.86	A	0.86						
1	WEB	PL	800* 9	1892	85	2.57	A	2.57						
1	VSTF	PL	90* 9	495		0.09	A	0.09						
JL6-JL7							A	3.52						

APPROACH BRIDGE CROSSBEAM R34 JL7-JL8														
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Caluculation of Steel Primer

(Unit: mm,m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
1	FLG	PL	230* 10	174		0.08	A	0.08						
1	FLG	PL	230* 10	627		0.29	A	0.29						
1	CR-FLG	PL	230* 10	2546		1.17	A	1.17						
1	CR-FLG	PL	100* 10	1721		0.34	A	0.34						
1	WEB	PL	787* 9	609	55	0.53	A	0.53						
1	WEB	PL	803* 9	166		0.27	A	0.27						
1	CR-WEB	PL	800* 9	2990		4.78	A	4.78						
1	CR-WEB	PL	400* 9	1714		1.37	A	1.37						
2	CR-VSTF	PL	90* 9	503		0.18	C	0.18						
1	CR-VSTF	PL	240* 19	1808		0.87	C	0.87						
1	CR-VSTF	PL	240* 19	1510		0.72	C	0.72						
JL7-JL8							A	8.83	C	1.77				

APPROACH BRIDGE CROSSBEAM R34 JL8-RR1														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
1	FLG	PL	230* 10	1024		0.47	A	0.47						
1	WEB	PL	636* 9	1113	65	0.92	A	0.92						
1	VSTF	PL	90* 9	509		0.09	A	0.09						
JL8-RR1							A	1.48						
R34							A	50.27	C	6.34				

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM R35 LL1-JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1024		0.47	A	0.47				
1	WEB	PL	636* 9	1113	65	0.92	A	0.92				
1	VSTF	PL	90* 9	509		0.09	A	0.09				
LL1-JL1							A	1.48				

APPROACH BRIDGE CROSSBEAM R35 JL1-JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	630		0.29	A	0.29				
1	FLG	PL	230* 10	168		0.08	A	0.08				
1	CR-FLG	PL	230* 10	2545		1.17	A	1.17				
1	CR-FLG	PL	100* 10	1721		0.34	A	0.34				
1	WEB	PL	788* 9	609	55	0.53	A	0.53				
1	CR-WEB	PL	800* 9	2990		4.78	A	4.78				
1	CR-WEB	PL	400* 9	1714		1.37	A	1.37				
1	WEB	PL	803* 9	168		0.27	A	0.27				
2	CR-VSTF	PL	90* 9	503		0.18	C	0.18				
1	CR-VSTF	PL	240* 19	1808		0.87	C	0.87				
1	CR-VSTF	PL	240* 19	1510		0.72	C	0.72				
JL1-JL2							A	8.83	C	1.77		

APPROACH BRIDGE CROSSBEAM R35 JL2-JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1285		0.59	A	0.59				
1	WEB	PL	800* 9	1301	85	1.77	A	1.77				
1	VSTF	PL	90* 9	495		0.09	A	0.09				
JL2-JL3							A	2.45				

APPROACH BRIDGE CROSSBEAM R35 JL3-JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	168		0.08	A	0.08				
1	FLG	PL	230* 10	169		0.08	A	0.08				
1	CR-FLG	PL	230* 10	2690		1.24	A	1.24				
1	CR-FLG	PL	100* 10	2690		0.54	A	0.54				
1	WEB	PL	803* 9	169		0.27	A	0.27				
1	WEB	PL	803* 9	169		0.27	A	0.27				

Caluculation of Steel Primer

(Unit: mm, m²)

1	CR-WEB	PL	800* 9	2707		4.33	A	4.33						
1	CR-WEB	PL	400* 9	2690		2.15	A	2.15						
2	CR-VSTF	PL	90* 9	765		0.28	C	0.28						
1	CR-VSTF	PL	190* 15	1457		0.55	C	0.55						
1	CR-VSTF	PL	190* 15	1507		0.57	C	0.57						
JL3-JL4							A	8.96	C	1.40				

APPROACH BRIDGE CROSSBEAM R35 JL4-JL5														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	2936		1.35	A	1.35						
1	WEB	PL	829* 9	2935	85	4.14	A	4.14						
2	VSTF	PL	90* 9	765		0.28	A	0.28						
JL4-JL5							A	5.77						

APPROACH BRIDGE CROSSBEAM R35 JL5-JL6														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08						
1	FLG	PL	230* 10	169		0.08	A	0.08						
1	CR-FLG	PL	230* 10	2691		1.24	A	1.24						
1	CR-FLG	PL	100* 10	2690		0.54	A	0.54						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	CR-WEB	PL	800* 9	2707		4.33	A	4.33						
1	CR-WEB	PL	400* 9	2690		2.15	A	2.15						
2	CR-VSTF	PL	90* 9	765		0.28	C	0.28						
1	CR-VSTF	PL	190* 15	1457		0.55	C	0.55						
1	CR-VSTF	PL	190* 15	1507		0.57	C	0.57						
JL5-JL6							A	8.96	C	1.40				

APPROACH BRIDGE CROSSBEAM R35 JL6-JL7														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	1546		0.71	A	0.71						
1	WEB	PL	800* 9	1562	85	2.12	A	2.12						
2	VSTF	PL	90* 9	503		0.18	A	0.18						
JL6-JL7							A	3.01						

APPROACH BRIDGE CROSSBEAM R35 JL7-JL8														
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Caluculation of Steel Primer

(Unit: mm,m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
1	FLG	PL	230* 10	176		0.08	A	0.08						
1	FLG	PL	230* 10	630		0.29	A	0.29						
1	CR-FLG	PL	230* 10	2546		1.17	A	1.17						
1	CR-FLG	PL	100* 10	1721		0.34	A	0.34						
1	WEB	PL	788* 9	612	55	0.53	A	0.53						
1	WEB	PL	803* 9	168		0.27	A	0.27						
1	CR-WEB	PL	800* 9	2990		4.78	A	4.78						
1	CR-WEB	PL	400* 9	1714		1.37	A	1.37						
2	CR-VSTF	PL	90* 9	503		0.18	C	0.18						
1	CR-VSTF	PL	240* 19	1808		0.87	C	0.87						
1	CR-VSTF	PL	240* 19	1510		0.72	C	0.72						
JL7-JL8							A	8.83	C	1.77				

APPROACH BRIDGE CROSSBEAM R35 JL8-RR1														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
1	FLG	PL	230* 10	1024		0.47	A	0.47						
1	WEB	PL	636* 9	1113	65	0.92	A	0.92						
1	VSTF	PL	90* 9	509		0.09	A	0.09						
JL8-RR1							A	1.48						
R35							A	49.77	C	6.34				

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM R36 LL1-JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1024		0.47	A	0.47				
1	WEB	PL	636* 9	1113	65	0.92	A	0.92				
1	VSTF	PL	90* 9	509		0.09	A	0.09				
LL1-JL1							A	1.48				

APPROACH BRIDGE CROSSBEAM R36 JL1-JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	633		0.29	A	0.29				
1	FLG	PL	230* 10	168		0.08	A	0.08				
1	CR-FLG	PL	230* 10	2545		1.17	A	1.17				
1	CR-FLG	PL	100* 10	1721		0.34	A	0.34				
1	WEB	PL	788* 9	609	55	0.53	A	0.53				
1	CR-WEB	PL	800* 9	2990		4.78	A	4.78				
1	CR-WEB	PL	400* 9	1714		1.37	A	1.37				
1	WEB	PL	803* 9	168		0.27	A	0.27				
2	CR-VSTF	PL	90* 9	503		0.18	C	0.18				
1	CR-VSTF	PL	240* 19	1808		0.87	C	0.87				
1	CR-VSTF	PL	240* 19	1510		0.72	C	0.72				
JL1-JL2							A	8.83	C	1.77		

APPROACH BRIDGE CROSSBEAM R36 JL2-JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1285		0.59	A	0.59				
1	WEB	PL	800* 9	1301	85	1.77	A	1.77				
1	VSTF	PL	90* 9	495		0.09	A	0.09				
JL2-JL3							A	2.45				

APPROACH BRIDGE CROSSBEAM R36 JL3-JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08				
1	FLG	PL	230* 10	169		0.08	A	0.08				
1	CR-FLG	PL	230* 10	2691		1.24	A	1.24				
1	CR-FLG	PL	100* 10	2690		0.54	A	0.54				
1	WEB	PL	803* 9	169		0.27	A	0.27				
1	WEB	PL	803* 9	169		0.27	A	0.27				

Caluculation of Steel Primer

(Unit: mm, m²)

1	CR-WEB	PL	800* 9	2707		4.33	A	4.33						
1	CR-WEB	PL	400* 9	2690		2.15	A	2.15						
2	CR-VSTF	PL	90* 9	765		0.28	C	0.28						
1	CR-VSTF	PL	190* 15	1457		0.55	C	0.55						
1	CR-VSTF	PL	190* 15	1507		0.57	C	0.57						
JL3-JL4							A	8.96	C	1.40				

APPROACH BRIDGE CROSSBEAM R36 JL4-JL5														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	2936		1.35	A	1.35						
1	WEB	PL	829* 9	2935	85	4.14	A	4.14						
2	VSTF	PL	90* 9	765		0.28	A	0.28						
JL4-JL5							A	5.77						

APPROACH BRIDGE CROSSBEAM R36 JL5-JL6														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08						
1	FLG	PL	230* 10	169		0.08	A	0.08						
1	CR-FLG	PL	230* 10	2691		1.24	A	1.24						
1	CR-FLG	PL	100* 10	2690		0.54	A	0.54						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	CR-WEB	PL	800* 9	2707		4.33	A	4.33						
1	CR-WEB	PL	400* 9	2690		2.15	A	2.15						
2	CR-VSTF	PL	90* 9	765		0.28	C	0.28						
1	CR-VSTF	PL	190* 15	1457		0.55	C	0.55						
1	CR-VSTF	PL	190* 15	1507		0.57	C	0.57						
JL5-JL6							A	8.96	C	1.40				

APPROACH BRIDGE CROSSBEAM R36 JL6-JL7														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	1285		0.59	A	0.59						
1	WEB	PL	800* 9	1301	85	1.77	A	1.77						
1	VSTF	PL	90* 9	495		0.09	A	0.09						
JL6-JL7							A	2.45						

APPROACH BRIDGE CROSSBEAM R36 JL7-JL8														
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Caluculation of Steel Primer

(Unit: mm,m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
1	FLG	PL	230* 10	168		0.08	A	0.08					
1	FLG	PL	230* 10	633		0.29	A	0.29					
1	CR-FLG	PL	230* 10	2545		1.17	A	1.17					
1	CR-FLG	PL	100* 10	1721		0.34	A	0.34					
1	WEB	PL	788* 9	611	55	0.53	A	0.53					
1	WEB	PL	803* 9	168		0.27	A	0.27					
1	CR-WEB	PL	800* 9	2990		4.78	A	4.78					
1	CR-WEB	PL	400* 9	1714		1.37	A	1.37					
2	CR-VSTF	PL	90* 9	503		0.18	C	0.18					
1	CR-VSTF	PL	240* 19	1808		0.87	C	0.87					
1	CR-VSTF	PL	240* 19	1510		0.72	C	0.72					
JL7-JL8							A	8.83	C	1.77			

APPROACH BRIDGE CROSSBEAM R36 JL8-RR1													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
1	FLG	PL	230* 10	1024		0.47	A	0.47					
1	WEB	PL	636* 9	1113	65	0.92	A	0.92					
1	VSTF	PL	90* 9	509		0.09	A	0.09					
JL8-RR1							A	1.48					
R36							A	49.21	C	6.34			

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM R37 LL1-JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1024		0.47	A	0.47				
1	WEB	PL	636* 9	1113	65	0.92	A	0.92				
1	VSTF	PL	90* 9	509		0.09	A	0.09				
LL1-JL1							A	1.48				

APPROACH BRIDGE CROSSBEAM R37 JL1-JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	633		0.29	A	0.29				
1	FLG	PL	230* 10	168		0.08	A	0.08				
1	CR-FLG	PL	230* 10	2545		1.17	A	1.17				
1	CR-FLG	PL	100* 10	1721		0.34	A	0.34				
1	WEB	PL	788* 9	609	55	0.53	A	0.53				
1	CR-WEB	PL	800* 9	2990		4.78	A	4.78				
1	CR-WEB	PL	400* 9	1714		1.37	A	1.37				
1	WEB	PL	803* 9	168		0.27	A	0.27				
2	CR-VSTF	PL	90* 9	503		0.18	C	0.18				
1	CR-VSTF	PL	240* 19	1808		0.87	C	0.87				
1	CR-VSTF	PL	240* 19	1510		0.72	C	0.72				
JL1-JL2							A	8.83	C	1.77		

APPROACH BRIDGE CROSSBEAM R37 JL2-JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1285		0.59	A	0.59				
1	WEB	PL	800* 9	1301	85	1.77	A	1.77				
1	VSTF	PL	90* 9	495		0.09	A	0.09				
JL2-JL3							A	2.45				

APPROACH BRIDGE CROSSBEAM R37 JL3-JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08				
1	FLG	PL	230* 10	169		0.08	A	0.08				
1	CR-FLG	PL	230* 10	2691		1.24	A	1.24				
1	CR-FLG	PL	100* 10	2690		0.54	A	0.54				
1	WEB	PL	803* 9	169		0.27	A	0.27				
1	WEB	PL	803* 9	169		0.27	A	0.27				

Caluculation of Steel Primer

(Unit: mm, m²)

1	CR-WEB	PL	800* 9	2707		4.33	A	4.33						
1	CR-WEB	PL	400* 9	2690		2.15	A	2.15						
2	CR-VSTF	PL	90* 9	765		0.28	C	0.28						
1	CR-VSTF	PL	190* 15	1457		0.55	C	0.55						
1	CR-VSTF	PL	190* 15	1507		0.57	C	0.57						
JL3-JL4							A	8.96	C	1.40				

APPROACH BRIDGE CROSSBEAM R37 JL4-JL5														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	2936		1.35	A	1.35						
1	WEB	PL	829* 9	2935	85	4.14	A	4.14						
2	VSTF	PL	90* 9	765		0.28	A	0.28						
JL4-JL5							A	5.77						

APPROACH BRIDGE CROSSBEAM R37 JL5-JL6														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08						
1	FLG	PL	230* 10	169		0.08	A	0.08						
1	CR-FLG	PL	230* 10	2691		1.24	A	1.24						
1	CR-FLG	PL	100* 10	2690		0.54	A	0.54						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	CR-WEB	PL	800* 9	2707		4.33	A	4.33						
1	CR-WEB	PL	400* 9	2690		2.15	A	2.15						
2	CR-VSTF	PL	90* 9	765		0.28	C	0.28						
1	CR-VSTF	PL	190* 15	1457		0.55	C	0.55						
1	CR-VSTF	PL	190* 15	1507		0.57	C	0.57						
JL5-JL6							A	8.96	C	1.40				

APPROACH BRIDGE CROSSBEAM R37 JL6-JL7														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	1285		0.59	A	0.59						
1	WEB	PL	800* 9	1301	85	1.77	A	1.77						
1	VSTF	PL	90* 9	495		0.09	A	0.09						
JL6-JL7							A	2.45						

APPROACH BRIDGE CROSSBEAM R37 JL7-JL8														
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Caluculation of Steel Primer

(Unit: mm,m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
1	FLG	PL	230* 10	168		0.08	A	0.08					
1	FLG	PL	230* 10	633		0.29	A	0.29					
1	CR-FLG	PL	230* 10	2545		1.17	A	1.17					
1	CR-FLG	PL	100* 10	1721		0.34	A	0.34					
1	WEB	PL	788* 9	611	55	0.53	A	0.53					
1	WEB	PL	803* 9	168		0.27	A	0.27					
1	CR-WEB	PL	800* 9	2990		4.78	A	4.78					
1	CR-WEB	PL	400* 9	1714		1.37	A	1.37					
2	CR-VSTF	PL	90* 9	503		0.18	C	0.18					
1	CR-VSTF	PL	240* 19	1808		0.87	C	0.87					
1	CR-VSTF	PL	240* 19	1510		0.72	C	0.72					
JL7-JL8							A	8.83	C	1.77			

APPROACH BRIDGE CROSSBEAM R37 JL8-RR1													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
1	FLG	PL	230* 10	1024		0.47	A	0.47					
1	WEB	PL	636* 9	1113	65	0.92	A	0.92					
1	VSTF	PL	90* 9	509		0.09	A	0.09					
JL8-RR1							A	1.48					
R37							A	49.21	C	6.34			

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM R38 LL1-JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1024		0.47	A	0.47				
1	WEB	PL	636* 9	1113	65	0.92	A	0.92				
1	VSTF	PL	90* 9	509		0.09	A	0.09				
LL1-JL1							A	1.48				

APPROACH BRIDGE CROSSBEAM R38 JL1-JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	633		0.29	A	0.29				
1	FLG	PL	230* 10	168		0.08	A	0.08				
1	CR-FLG	PL	230* 10	2545		1.17	A	1.17				
1	CR-FLG	PL	100* 10	1721		0.34	A	0.34				
1	WEB	PL	788* 9	609	55	0.53	A	0.53				
1	CR-WEB	PL	800* 9	2990		4.78	A	4.78				
1	CR-WEB	PL	400* 9	1714		1.37	A	1.37				
1	WEB	PL	803* 9	168		0.27	A	0.27				
2	CR-VSTF	PL	90* 9	503		0.18	C	0.18				
1	CR-VSTF	PL	240* 19	1808		0.87	C	0.87				
1	CR-VSTF	PL	240* 19	1510		0.72	C	0.72				
JL1-JL2							A	8.83	C	1.77		

APPROACH BRIDGE CROSSBEAM R38 JL2-JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1285		0.59	A	0.59				
1	WEB	PL	800* 9	1301	85	1.77	A	1.77				
1	VSTF	PL	90* 9	495		0.09	A	0.09				
JL2-JL3							A	2.45				

APPROACH BRIDGE CROSSBEAM R38 JL3-JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08				
1	FLG	PL	230* 10	169		0.08	A	0.08				
1	CR-FLG	PL	230* 10	2691		1.24	A	1.24				
1	CR-FLG	PL	100* 10	2690		0.54	A	0.54				
1	WEB	PL	803* 9	169		0.27	A	0.27				
1	WEB	PL	803* 9	169		0.27	A	0.27				

Caluculation of Steel Primer

(Unit: mm, m²)

1	CR-WEB	PL	800* 9	2707		4.33	A	4.33						
1	CR-WEB	PL	400* 9	2690		2.15	A	2.15						
2	CR-VSTF	PL	90* 9	765		0.28	C	0.28						
1	CR-VSTF	PL	190* 15	1457		0.55	C	0.55						
1	CR-VSTF	PL	190* 15	1507		0.57	C	0.57						
JL3-JL4							A	8.96	C	1.40				

APPROACH BRIDGE CROSSBEAM R38 JL4-JL5														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	2936		1.35	A	1.35						
1	WEB	PL	829* 9	2935	85	4.14	A	4.14						
2	VSTF	PL	90* 9	765		0.28	A	0.28						
JL4-JL5							A	5.77						

APPROACH BRIDGE CROSSBEAM R38 JL5-JL6														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08						
1	FLG	PL	230* 10	169		0.08	A	0.08						
1	CR-FLG	PL	230* 10	2691		1.24	A	1.24						
1	CR-FLG	PL	100* 10	2690		0.54	A	0.54						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	CR-WEB	PL	800* 9	2707		4.33	A	4.33						
1	CR-WEB	PL	400* 9	2690		2.15	A	2.15						
2	CR-VSTF	PL	90* 9	765		0.28	C	0.28						
1	CR-VSTF	PL	190* 15	1457		0.55	C	0.55						
1	CR-VSTF	PL	190* 15	1507		0.57	C	0.57						
JL5-JL6							A	8.96	C	1.40				

APPROACH BRIDGE CROSSBEAM R38 JL6-JL7														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	1285		0.59	A	0.59						
1	WEB	PL	800* 9	1301	85	1.77	A	1.77						
1	VSTF	PL	90* 9	495		0.09	A	0.09						
JL6-JL7							A	2.45						

APPROACH BRIDGE CROSSBEAM R38 JL7-JL8														
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Caluculation of Steel Primer

(Unit: mm,m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
1	FLG	PL	230* 10	168		0.08	A	0.08					
1	FLG	PL	230* 10	633		0.29	A	0.29					
1	CR-FLG	PL	230* 10	2545		1.17	A	1.17					
1	CR-FLG	PL	100* 10	1721		0.34	A	0.34					
1	WEB	PL	788* 9	611	55	0.53	A	0.53					
1	WEB	PL	803* 9	168		0.27	A	0.27					
1	CR-WEB	PL	800* 9	2990		4.78	A	4.78					
1	CR-WEB	PL	400* 9	1714		1.37	A	1.37					
2	CR-VSTF	PL	90* 9	503		0.18	C	0.18					
1	CR-VSTF	PL	240* 19	1808		0.87	C	0.87					
1	CR-VSTF	PL	240* 19	1510		0.72	C	0.72					
JL7-JL8							A	8.83	C	1.77			

APPROACH BRIDGE CROSSBEAM R38 JL8-RR1													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
1	FLG	PL	230* 10	1024		0.47	A	0.47					
1	WEB	PL	636* 9	1113	65	0.92	A	0.92					
1	VSTF	PL	90* 9	509		0.09	A	0.09					
JL8-RR1							A	1.48					
R38							A	49.21	C	6.34			

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM R39 LL1-JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1024		0.47	A	0.47				
1	WEB	PL	636* 9	1113	65	0.92	A	0.92				
1	VSTF	PL	90* 9	509		0.09	A	0.09				
LL1-JL1							A	1.48				

APPROACH BRIDGE CROSSBEAM R39 JL1-JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	633		0.29	A	0.29				
1	FLG	PL	230* 10	168		0.08	A	0.08				
1	CR-FLG	PL	230* 10	2545		1.17	A	1.17				
1	CR-FLG	PL	100* 10	1721		0.34	A	0.34				
1	WEB	PL	788* 9	609	55	0.53	A	0.53				
1	CR-WEB	PL	800* 9	2990		4.78	A	4.78				
1	CR-WEB	PL	400* 9	1714		1.37	A	1.37				
1	WEB	PL	803* 9	168		0.27	A	0.27				
2	CR-VSTF	PL	90* 9	503		0.18	C	0.18				
1	CR-VSTF	PL	240* 19	1808		0.87	C	0.87				
1	CR-VSTF	PL	240* 19	1510		0.72	C	0.72				
JL1-JL2							A	8.83	C	1.77		

APPROACH BRIDGE CROSSBEAM R39 JL2-JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1285		0.59	A	0.59				
1	WEB	PL	800* 9	1301	85	1.77	A	1.77				
1	VSTF	PL	90* 9	495		0.09	A	0.09				
JL2-JL3							A	2.45				

APPROACH BRIDGE CROSSBEAM R39 JL3-JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08				
1	FLG	PL	230* 10	169		0.08	A	0.08				
1	CR-FLG	PL	230* 10	2691		1.24	A	1.24				
1	CR-FLG	PL	100* 10	2690		0.54	A	0.54				
1	WEB	PL	803* 9	169		0.27	A	0.27				
1	WEB	PL	803* 9	169		0.27	A	0.27				

Caluculation of Steel Primer

(Unit: mm, m²)

1	CR-WEB	PL	800* 9	2707		4.33	A	4.33						
1	CR-WEB	PL	400* 9	2690		2.15	A	2.15						
2	CR-VSTF	PL	90* 9	765		0.28	C	0.28						
1	CR-VSTF	PL	190* 15	1457		0.55	C	0.55						
1	CR-VSTF	PL	190* 15	1507		0.57	C	0.57						
JL3-JL4							A	8.96	C	1.40				

APPROACH BRIDGE CROSSBEAM R39 JL4-JL5														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	2936		1.35	A	1.35						
1	WEB	PL	829* 9	2935	85	4.14	A	4.14						
2	VSTF	PL	90* 9	765		0.28	A	0.28						
JL4-JL5							A	5.77						

APPROACH BRIDGE CROSSBEAM R39 JL5-JL6														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08						
1	FLG	PL	230* 10	169		0.08	A	0.08						
1	CR-FLG	PL	230* 10	2691		1.24	A	1.24						
1	CR-FLG	PL	100* 10	2690		0.54	A	0.54						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	CR-WEB	PL	800* 9	2707		4.33	A	4.33						
1	CR-WEB	PL	400* 9	2690		2.15	A	2.15						
2	CR-VSTF	PL	90* 9	765		0.28	C	0.28						
1	CR-VSTF	PL	190* 15	1457		0.55	C	0.55						
1	CR-VSTF	PL	190* 15	1507		0.57	C	0.57						
JL5-JL6							A	8.96	C	1.40				

APPROACH BRIDGE CROSSBEAM R39 JL6-JL7														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	1285		0.59	A	0.59						
1	WEB	PL	800* 9	1301	85	1.77	A	1.77						
1	VSTF	PL	90* 9	495		0.09	A	0.09						
JL6-JL7							A	2.45						

APPROACH BRIDGE CROSSBEAM R39 JL7-JL8														
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Caluculation of Steel Primer

(Unit: mm,m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
1	FLG	PL	230* 10	168		0.08	A	0.08					
1	FLG	PL	230* 10	633		0.29	A	0.29					
1	CR-FLG	PL	230* 10	2545		1.17	A	1.17					
1	CR-FLG	PL	100* 10	1721		0.34	A	0.34					
1	WEB	PL	788* 9	611	55	0.53	A	0.53					
1	WEB	PL	803* 9	168		0.27	A	0.27					
1	CR-WEB	PL	800* 9	2990		4.78	A	4.78					
1	CR-WEB	PL	400* 9	1714		1.37	A	1.37					
2	CR-VSTF	PL	90* 9	503		0.18	C	0.18					
1	CR-VSTF	PL	240* 19	1808		0.87	C	0.87					
1	CR-VSTF	PL	240* 19	1510		0.72	C	0.72					
JL7-JL8							A	8.83	C	1.77			

APPROACH BRIDGE CROSSBEAM R39 JL8-RR1													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
1	FLG	PL	230* 10	1024		0.47	A	0.47					
1	WEB	PL	636* 9	1113	65	0.92	A	0.92					
1	VSTF	PL	90* 9	509		0.09	A	0.09					
JL8-RR1							A	1.48					
R39							A	49.21	C	6.34			

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM R40 LL1-JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1024		0.47	A	0.47				
1	WEB	PL	636* 9	1113	65	0.92	A	0.92				
1	VSTF	PL	90* 9	509		0.09	A	0.09				
LL1-JL1							A	1.48				

APPROACH BRIDGE CROSSBEAM R40 JL1-JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	630		0.29	A	0.29				
1	FLG	PL	230* 10	166		0.08	A	0.08				
1	CR-FLG	PL	230* 10	2545		1.17	A	1.17				
1	CR-FLG	PL	100* 10	1721		0.34	A	0.34				
1	WEB	PL	788* 9	609	55	0.53	A	0.53				
1	CR-WEB	PL	800* 9	2990		4.78	A	4.78				
1	CR-WEB	PL	400* 9	1714		1.37	A	1.37				
1	WEB	PL	803* 9	168		0.27	A	0.27				
2	CR-VSTF	PL	90* 9	503		0.18	C	0.18				
1	CR-VSTF	PL	240* 19	1808		0.87	C	0.87				
1	CR-VSTF	PL	240* 19	1510		0.72	C	0.72				
JL1-JL2							A	8.83	C	1.77		

APPROACH BRIDGE CROSSBEAM R40 JL2-JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1285		0.59	A	0.59				
1	WEB	PL	800* 9	1301	85	1.77	A	1.77				
1	VSTF	PL	90* 9	495		0.09	A	0.09				
JL2-JL3							A	2.45				

APPROACH BRIDGE CROSSBEAM R40 JL3-JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08				
1	FLG	PL	230* 10	169		0.08	A	0.08				
1	CR-FLG	PL	230* 10	2691		1.24	A	1.24				
1	CR-FLG	PL	100* 10	2690		0.54	A	0.54				
1	WEB	PL	803* 9	169		0.27	A	0.27				
1	WEB	PL	803* 9	169		0.27	A	0.27				

Caluculation of Steel Primer

(Unit: mm, m²)

1	CR-WEB	PL	800* 9	2707		4.33	A	4.33						
1	CR-WEB	PL	400* 9	2690		2.15	A	2.15						
2	CR-VSTF	PL	90* 9	765		0.28	C	0.28						
1	CR-VSTF	PL	190* 15	1457		0.55	C	0.55						
1	CR-VSTF	PL	190* 15	1507		0.57	C	0.57						
JL3-JL4							A	8.96	C	1.40				

APPROACH BRIDGE CROSSBEAM R40 JL4-JL5														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	2936		1.35	A	1.35						
1	WEB	PL	829* 9	2935	85	4.14	A	4.14						
2	VSTF	PL	90* 9	765		0.28	A	0.28						
JL4-JL5							A	5.77						

APPROACH BRIDGE CROSSBEAM R40 JL5-JL6														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08						
1	FLG	PL	230* 10	169		0.08	A	0.08						
1	CR-FLG	PL	230* 10	2691		1.24	A	1.24						
1	CR-FLG	PL	100* 10	2690		0.54	A	0.54						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	CR-WEB	PL	800* 9	2707		4.33	A	4.33						
1	CR-WEB	PL	400* 9	2690		2.15	A	2.15						
2	CR-VSTF	PL	90* 9	765		0.28	C	0.28						
1	CR-VSTF	PL	190* 15	1457		0.55	C	0.55						
1	CR-VSTF	PL	190* 15	1507		0.57	C	0.57						
JL5-JL6							A	8.96	C	1.40				

APPROACH BRIDGE CROSSBEAM R40 JL6-JL7														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	1285		0.59	A	0.59						
1	WEB	PL	800* 9	1301	85	1.77	A	1.77						
1	VSTF	PL	90* 9	495		0.09	A	0.09						
JL6-JL7							A	2.45						

APPROACH BRIDGE CROSSBEAM R40 JL7-JL8														
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Caluculation of Steel Primer

(Unit: mm,m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
1	FLG	PL	230* 10	166		0.08	A	0.08					
1	FLG	PL	230* 10	630		0.29	A	0.29					
1	CR-FLG	PL	230* 10	2545		1.17	A	1.17					
1	CR-FLG	PL	100* 10	1721		0.34	A	0.34					
1	WEB	PL	788* 9	611	55	0.53	A	0.53					
1	WEB	PL	803* 9	168		0.27	A	0.27					
1	CR-WEB	PL	800* 9	2990		4.78	A	4.78					
1	CR-WEB	PL	400* 9	1714		1.37	A	1.37					
2	CR-VSTF	PL	90* 9	503		0.18	C	0.18					
1	CR-VSTF	PL	240* 19	1808		0.87	C	0.87					
1	CR-VSTF	PL	240* 19	1510		0.72	C	0.72					
JL7-JL8							A	8.83	C	1.77			

APPROACH BRIDGE CROSSBEAM R40 JL8-RR1													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
1	FLG	PL	230* 10	1024		0.47	A	0.47					
1	WEB	PL	636* 9	1113	65	0.92	A	0.92					
1	VSTF	PL	90* 9	509		0.09	A	0.09					
JL8-RR1							A	1.48					
R40							A	49.21	C	6.34			

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM R41 LL1-JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1024		0.47	A	0.47				
1	WEB	PL	636* 9	1113	65	0.92	A	0.92				
1	VSTF	PL	90* 9	509		0.09	A	0.09				
LL1-JL1							A	1.48				

APPROACH BRIDGE CROSSBEAM R41 JL1-JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	630		0.29	A	0.29				
1	FLG	PL	230* 10	166		0.08	A	0.08				
1	CR-FLG	PL	230* 10	2545		1.17	A	1.17				
1	CR-FLG	PL	100* 10	1721		0.34	A	0.34				
1	WEB	PL	788* 9	609	55	0.53	A	0.53				
1	CR-WEB	PL	800* 9	2990		4.78	A	4.78				
1	CR-WEB	PL	400* 9	1714		1.37	A	1.37				
1	WEB	PL	803* 9	168		0.27	A	0.27				
2	CR-VSTF	PL	90* 9	503		0.18	C	0.18				
1	CR-VSTF	PL	240* 19	1808		0.87	C	0.87				
1	CR-VSTF	PL	240* 19	1510		0.72	C	0.72				
JL1-JL2							A	8.83	C	1.77		

APPROACH BRIDGE CROSSBEAM R41 JL2-JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1285		0.59	A	0.59				
1	WEB	PL	800* 9	1301	85	1.77	A	1.77				
1	VSTF	PL	90* 9	495		0.09	A	0.09				
JL2-JL3							A	2.45				

APPROACH BRIDGE CROSSBEAM R41 JL3-JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08				
1	FLG	PL	230* 10	169		0.08	A	0.08				
1	CR-FLG	PL	230* 10	2691		1.24	A	1.24				
1	CR-FLG	PL	100* 10	2690		0.54	A	0.54				
1	WEB	PL	803* 9	169		0.27	A	0.27				
1	WEB	PL	803* 9	169		0.27	A	0.27				

Caluculation of Steel Primer

(Unit: mm, m²)

1	CR-WEB	PL	800* 9	2707		4.33	A	4.33						
1	CR-WEB	PL	400* 9	2690		2.15	A	2.15						
2	CR-VSTF	PL	90* 9	765		0.28	C	0.28						
1	CR-VSTF	PL	190* 15	1457		0.55	C	0.55						
1	CR-VSTF	PL	190* 15	1507		0.57	C	0.57						
JL3-JL4							A	8.96	C	1.40				

APPROACH BRIDGE CROSSBEAM R41 JL4-JL5														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	2936		1.35	A	1.35						
1	WEB	PL	829* 9	2935	85	4.14	A	4.14						
2	VSTF	PL	90* 9	765		0.28	A	0.28						
JL4-JL5							A	5.77						

APPROACH BRIDGE CROSSBEAM R41 JL5-JL6														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08						
1	FLG	PL	230* 10	169		0.08	A	0.08						
1	CR-FLG	PL	230* 10	2691		1.24	A	1.24						
1	CR-FLG	PL	100* 10	2690		0.54	A	0.54						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	CR-WEB	PL	800* 9	2707		4.33	A	4.33						
1	CR-WEB	PL	400* 9	2690		2.15	A	2.15						
2	CR-VSTF	PL	90* 9	765		0.28	C	0.28						
1	CR-VSTF	PL	190* 15	1457		0.55	C	0.55						
1	CR-VSTF	PL	190* 15	1507		0.57	C	0.57						
JL5-JL6							A	8.96	C	1.40				

APPROACH BRIDGE CROSSBEAM R41 JL6-JL7														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	1285		0.59	A	0.59						
1	WEB	PL	800* 9	1301	85	1.77	A	1.77						
1	VSTF	PL	90* 9	495		0.09	A	0.09						
JL6-JL7							A	2.45						

APPROACH BRIDGE CROSSBEAM R41 JL7-JL8														
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Caluculation of Steel Primer

(Unit: mm,m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
1	FLG	PL	230* 10	166		0.08	A	0.08					
1	FLG	PL	230* 10	630		0.29	A	0.29					
1	CR-FLG	PL	230* 10	2545		1.17	A	1.17					
1	CR-FLG	PL	100* 10	1721		0.34	A	0.34					
1	WEB	PL	788* 9	611	55	0.53	A	0.53					
1	WEB	PL	803* 9	168		0.27	A	0.27					
1	CR-WEB	PL	800* 9	2990		4.78	A	4.78					
1	CR-WEB	PL	400* 9	1714		1.37	A	1.37					
2	CR-VSTF	PL	90* 9	503		0.18	C	0.18					
1	CR-VSTF	PL	240* 19	1808		0.87	C	0.87					
1	CR-VSTF	PL	240* 19	1510		0.72	C	0.72					
JL7-JL8							A	8.83	C	1.77			

APPROACH BRIDGE CROSSBEAM R41 JL8-RR1													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
1	FLG	PL	230* 10	1024		0.47	A	0.47					
1	WEB	PL	636* 9	1113	65	0.92	A	0.92					
1	VSTF	PL	90* 9	509		0.09	A	0.09					
JL8-RR1							A	1.48					
R41							A	49.21	C	6.34			

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM R42 LL1-JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1024		0.47	A	0.47				
1	WEB	PL	636* 9	1113	65	0.92	A	0.92				
1	VSTF	PL	90* 9	509		0.09	A	0.09				
LL1-JL1							A	1.48				

APPROACH BRIDGE CROSSBEAM R42 JL1-JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	630		0.29	A	0.29				
1	FLG	PL	230* 10	166		0.08	A	0.08				
1	CR-FLG	PL	230* 10	2545		1.17	A	1.17				
1	CR-FLG	PL	100* 10	1721		0.34	A	0.34				
1	WEB	PL	788* 9	609	55	0.53	A	0.53				
1	CR-WEB	PL	800* 9	2990		4.78	A	4.78				
1	CR-WEB	PL	400* 9	1714		1.37	A	1.37				
1	WEB	PL	803* 9	168		0.27	A	0.27				
2	CR-VSTF	PL	90* 9	503		0.18	C	0.18				
1	CR-VSTF	PL	240* 19	1808		0.87	C	0.87				
1	CR-VSTF	PL	240* 19	1510		0.72	C	0.72				
JL1-JL2							A	8.83	C	1.77		

APPROACH BRIDGE CROSSBEAM R42 JL2-JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1285		0.59	A	0.59				
1	WEB	PL	800* 9	1301	85	1.77	A	1.77				
1	VSTF	PL	90* 9	495		0.09	A	0.09				
JL2-JL3							A	2.45				

APPROACH BRIDGE CROSSBEAM R42 JL3-JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08				
1	FLG	PL	230* 10	169		0.08	A	0.08				
1	CR-FLG	PL	230* 10	2691		1.24	A	1.24				
1	CR-FLG	PL	100* 10	2690		0.54	A	0.54				
1	WEB	PL	803* 9	169		0.27	A	0.27				
1	WEB	PL	803* 9	169		0.27	A	0.27				

Caluculation of Steel Primer

(Unit: mm, m²)

1	CR-WEB	PL	800* 9	2707		4.33	A	4.33						
1	CR-WEB	PL	400* 9	2690		2.15	A	2.15						
2	CR-VSTF	PL	90* 9	765		0.28	C	0.28						
1	CR-VSTF	PL	190* 15	1457		0.55	C	0.55						
1	CR-VSTF	PL	190* 15	1507		0.57	C	0.57						
JL3-JL4							A	8.96	C	1.40				

APPROACH BRIDGE CROSSBEAM R42 JL4-JL5														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	2936		1.35	A	1.35						
1	WEB	PL	829* 9	2935	85	4.14	A	4.14						
2	VSTF	PL	90* 9	765		0.28	A	0.28						
JL4-JL5							A	5.77						

APPROACH BRIDGE CROSSBEAM R42 JL5-JL6														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08						
1	FLG	PL	230* 10	169		0.08	A	0.08						
1	CR-FLG	PL	230* 10	2691		1.24	A	1.24						
1	CR-FLG	PL	100* 10	2690		0.54	A	0.54						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	CR-WEB	PL	800* 9	2707		4.33	A	4.33						
1	CR-WEB	PL	400* 9	2690		2.15	A	2.15						
2	CR-VSTF	PL	90* 9	765		0.28	C	0.28						
1	CR-VSTF	PL	190* 15	1457		0.55	C	0.55						
1	CR-VSTF	PL	190* 15	1507		0.57	C	0.57						
JL5-JL6							A	8.96	C	1.40				

APPROACH BRIDGE CROSSBEAM R42 JL6-JL7														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	1285		0.59	A	0.59						
1	WEB	PL	800* 9	1301	85	1.77	A	1.77						
1	VSTF	PL	90* 9	495		0.09	A	0.09						
JL6-JL7							A	2.45						

APPROACH BRIDGE CROSSBEAM R42 JL7-JL8														
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Caluculation of Steel Primer

(Unit: mm,m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
1	FLG	PL	230* 10	166		0.08	A	0.08					
1	FLG	PL	230* 10	630		0.29	A	0.29					
1	CR-FLG	PL	230* 10	2545		1.17	A	1.17					
1	CR-FLG	PL	100* 10	1721		0.34	A	0.34					
1	WEB	PL	788* 9	611	55	0.53	A	0.53					
1	WEB	PL	803* 9	168		0.27	A	0.27					
1	CR-WEB	PL	800* 9	2990		4.78	A	4.78					
1	CR-WEB	PL	400* 9	1714		1.37	A	1.37					
2	CR-VSTF	PL	90* 9	503		0.18	C	0.18					
1	CR-VSTF	PL	240* 19	1808		0.87	C	0.87					
1	CR-VSTF	PL	240* 19	1510		0.72	C	0.72					
JL7-JL8							A	8.83	C	1.77			

APPROACH BRIDGE CROSSBEAM R42 JL8-RR1													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
1	FLG	PL	230* 10	1024		0.47	A	0.47					
1	WEB	PL	636* 9	1113	65	0.92	A	0.92					
1	VSTF	PL	90* 9	509		0.09	A	0.09					
JL8-RR1							A	1.48					
R42							A	49.21	C	6.34			

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM R43 LL1-JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1024		0.47	A	0.47				
1	WEB	PL	636* 9	1113	65	0.92	A	0.92				
1	VSTF	PL	90* 9	509		0.09	A	0.09				
LL1-JL1							A	1.48				

APPROACH BRIDGE CROSSBEAM R43 JL1-JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	627		0.29	A	0.29				
1	FLG	PL	230* 10	168		0.08	A	0.08				
1	CR-FLG	PL	230* 10	2545		1.17	A	1.17				
1	CR-FLG	PL	100* 10	1721		0.34	A	0.34				
1	WEB	PL	787* 9	606	55	0.52	A	0.52				
1	CR-WEB	PL	800* 9	2990		4.78	A	4.78				
1	CR-WEB	PL	400* 9	1714		1.37	A	1.37				
1	WEB	PL	803* 9	166		0.27	A	0.27				
2	CR-VSTF	PL	90* 9	503		0.18	C	0.18				
1	CR-VSTF	PL	240* 19	1808		0.87	C	0.87				
1	CR-VSTF	PL	240* 19	1510		0.72	C	0.72				
JL1-JL2							A	8.82	C	1.77		

APPROACH BRIDGE CROSSBEAM R43 JL2-JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1285		0.59	A	0.59				
1	WEB	PL	800* 9	1301	85	1.77	A	1.77				
1	VSTF	PL	90* 9	495		0.09	A	0.09				
JL2-JL3							A	2.45				

APPROACH BRIDGE CROSSBEAM R43 JL3-JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	166		0.08	A	0.08				
1	FLG	PL	230* 10	169		0.08	A	0.08				
1	CR-FLG	PL	230* 10	2690		1.24	A	1.24				
1	CR-FLG	PL	100* 10	2690		0.54	A	0.54				
1	WEB	PL	803* 9	169		0.27	A	0.27				
1	WEB	PL	803* 9	169		0.27	A	0.27				

Caluculation of Steel Primer

(Unit: mm, m²)

1	CR-WEB	PL	800* 9	2707		4.33	A	4.33						
1	CR-WEB	PL	400* 9	2690		2.15	A	2.15						
2	CR-VSTF	PL	90* 9	765		0.28	C	0.28						
1	CR-VSTF	PL	190* 15	1457		0.55	C	0.55						
1	CR-VSTF	PL	190* 15	1507		0.57	C	0.57						
JL3-JL4							A	8.96	C	1.40				

APPROACH BRIDGE CROSSBEAM R43 JL4-JL5														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	2959		1.36	A	1.36						
1	WEB	PL	830* 9	2959	85	4.18	A	4.18						
2	VSTF	PL	90* 9	765		0.28	A	0.28						
JL4-JL5							A	5.82						

APPROACH BRIDGE CROSSBEAM R43 JL5-JL6														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08						
1	FLG	PL	230* 10	169		0.08	A	0.08						
1	CR-FLG	PL	230* 10	2691		1.24	A	1.24						
1	CR-FLG	PL	100* 10	2690		0.54	A	0.54						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	CR-WEB	PL	800* 9	2707		4.33	A	4.33						
1	CR-WEB	PL	400* 9	2690		2.15	A	2.15						
2	CR-VSTF	PL	90* 9	765		0.28	C	0.28						
1	CR-VSTF	PL	190* 15	1457		0.55	C	0.55						
1	CR-VSTF	PL	190* 15	1507		0.57	C	0.57						
JL5-JL6							A	8.96	C	1.40				

APPROACH BRIDGE CROSSBEAM R43 JL6-JL7														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	1285		0.59	A	0.59						
1	WEB	PL	800* 9	1301	85	1.77	A	1.77						
2	VSTF	PL	90* 9	503		0.18	A	0.18						
JL6-JL7							A	2.54						

APPROACH BRIDGE CROSSBEAM R43 JL7-JL8														
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Caluculation of Steel Primer

(Unit: mm,m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
1	FLG	PL	230* 10	166		0.08	A	0.08					
1	FLG	PL	230* 10	627		0.29	A	0.29					
1	CR-FLG	PL	230* 10	2546		1.17	A	1.17					
1	CR-FLG	PL	100* 10	1721		0.34	A	0.34					
1	WEB	PL	787* 9	609	55	0.53	A	0.53					
1	WEB	PL	803* 9	166		0.27	A	0.27					
1	CR-WEB	PL	800* 9	2990		4.78	A	4.78					
1	CR-WEB	PL	400* 9	1714		1.37	A	1.37					
2	CR-VSTF	PL	90* 9	503		0.18	C	0.18					
1	CR-VSTF	PL	240* 19	1808		0.87	C	0.87					
1	CR-VSTF	PL	240* 19	1510		0.72	C	0.72					
JL7-JL8							A	8.83	C	1.77			

APPROACH BRIDGE CROSSBEAM R43 JL8-RR1													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks		
1	FLG	PL	230* 10	1024		0.47	A	0.47					
1	WEB	PL	636* 9	1113	65	0.92	A	0.92					
1	VSTF	PL	90* 9	509		0.09	A	0.09					
JL8-RR1							A	1.48					
R43							A	49.34	C	6.34			

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM R44 LL1-JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1024		0.47	A	0.47				
1	WEB	PL	636* 9	1113	65	0.92	A	0.92				
1	VSTF	PL	90* 9	509		0.09	A	0.09				
LL1-JL1							A	1.48				

APPROACH BRIDGE CROSSBEAM R44 JL1-JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	627		0.29	A	0.29				
1	FLG	PL	230* 10	168		0.08	A	0.08				
1	CR-FLG	PL	230* 10	2545		1.17	A	1.17				
1	CR-FLG	PL	100* 10	1721		0.34	A	0.34				
1	WEB	PL	787* 9	606	55	0.52	A	0.52				
1	CR-WEB	PL	800* 9	2990		4.78	A	4.78				
1	CR-WEB	PL	400* 9	1714		1.37	A	1.37				
1	WEB	PL	803* 9	166		0.27	A	0.27				
2	CR-VSTF	PL	90* 9	503		0.18	C	0.18				
1	CR-VSTF	PL	240* 19	1808		0.87	C	0.87				
1	CR-VSTF	PL	240* 19	1510		0.72	C	0.72				
JL1-JL2							A	8.82	C	1.77		

APPROACH BRIDGE CROSSBEAM R44 JL2-JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1285		0.59	A	0.59				
1	WEB	PL	800* 9	1301	85	1.77	A	1.77				
1	VSTF	PL	90* 9	495		0.09	A	0.09				
JL2-JL3							A	2.45				

APPROACH BRIDGE CROSSBEAM R44 JL3-JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	166		0.08	A	0.08				
1	FLG	PL	230* 10	169		0.08	A	0.08				
1	CR-FLG	PL	230* 10	2690		1.24	A	1.24				
1	CR-FLG	PL	100* 10	2690		0.54	A	0.54				
1	WEB	PL	803* 9	169		0.27	A	0.27				
1	WEB	PL	803* 9	169		0.27	A	0.27				

Caluculation of Steel Primer

(Unit: mm, m²)

1	CR-WEB	PL	800* 9	2707		4.33	A	4.33						
1	CR-WEB	PL	400* 9	2690		2.15	A	2.15						
2	CR-VSTF	PL	90* 9	765		0.28	C	0.28						
1	CR-VSTF	PL	190* 15	1457		0.55	C	0.55						
1	CR-VSTF	PL	190* 15	1507		0.57	C	0.57						
JL3-JL4							A	8.96	C	1.40				

APPROACH BRIDGE CROSSBEAM R44 JL4-JL5														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	3115		1.43	A	1.43						
1	WEB	PL	833* 9	3115	85	4.41	A	4.41						
2	VSTF	PL	90* 9	765		0.28	A	0.28						
JL4-JL5							A	6.12						

APPROACH BRIDGE CROSSBEAM R44 JL5-JL6														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08						
1	FLG	PL	230* 10	169		0.08	A	0.08						
1	CR-FLG	PL	230* 10	2691		1.24	A	1.24						
1	CR-FLG	PL	100* 10	2690		0.54	A	0.54						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	CR-WEB	PL	800* 9	2707		4.33	A	4.33						
1	CR-WEB	PL	400* 9	2690		2.15	A	2.15						
2	CR-VSTF	PL	90* 9	765		0.28	C	0.28						
1	CR-VSTF	PL	190* 15	1457		0.55	C	0.55						
1	CR-VSTF	PL	190* 15	1507		0.57	C	0.57						
JL5-JL6							A	8.96	C	1.40				

APPROACH BRIDGE CROSSBEAM R44 JL6-JL7														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	1285		0.59	A	0.59						
1	WEB	PL	800* 9	1301	85	1.77	A	1.77						
2	VSTF	PL	90* 9	503		0.18	A	0.18						
JL6-JL7							A	2.54						

APPROACH BRIDGE CROSSBEAM R44 JL7-JL8														
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Caluculation of Steel Primer

(Unit: mm,m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
1	FLG	PL	230* 10	166		0.08	A	0.08						
1	FLG	PL	230* 10	627		0.29	A	0.29						
1	CR-FLG	PL	230* 10	2546		1.17	A	1.17						
1	CR-FLG	PL	100* 10	1721		0.34	A	0.34						
1	WEB	PL	787* 9	609	55	0.53	A	0.53						
1	WEB	PL	803* 9	166		0.27	A	0.27						
1	CR-WEB	PL	800* 9	2990		4.78	A	4.78						
1	CR-WEB	PL	400* 9	1714		1.37	A	1.37						
2	CR-VSTF	PL	90* 9	503		0.18	C	0.18						
1	CR-VSTF	PL	240* 19	1808		0.87	C	0.87						
1	CR-VSTF	PL	240* 19	1510		0.72	C	0.72						
JL7-JL8							A	8.83	C	1.77				

APPROACH BRIDGE CROSSBEAM R44 JL8-RR1														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks			
1	FLG	PL	230* 10	1024		0.47	A	0.47						
1	WEB	PL	636* 9	1113	65	0.92	A	0.92						
1	VSTF	PL	90* 9	509		0.09	A	0.09						
JL8-RR1							A	1.48						
R44							A	49.64	C	6.34				

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM R45 LL1-JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1024		0.47	A	0.47				
1	WEB	PL	636* 9	1113	65	0.92	A	0.92				
1	VSTF	PL	90* 9	509		0.09	A	0.09				
LL1-JL1							A	1.48				

APPROACH BRIDGE CROSSBEAM R45 JL1-JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	630		0.29	A	0.29				
1	FLG	PL	230* 10	166		0.08	A	0.08				
1	CR-FLG	PL	230* 10	2545		1.17	A	1.17				
1	CR-FLG	PL	100* 10	1721		0.34	A	0.34				
1	WEB	PL	788* 9	609	55	0.53	A	0.53				
1	CR-WEB	PL	800* 9	2990		4.78	A	4.78				
1	CR-WEB	PL	400* 9	1714		1.37	A	1.37				
1	WEB	PL	803* 9	168		0.27	A	0.27				
2	CR-VSTF	PL	90* 9	503		0.18	C	0.18				
1	CR-VSTF	PL	240* 19	1808		0.87	C	0.87				
1	CR-VSTF	PL	240* 19	1510		0.72	C	0.72				
JL1-JL2							A	8.83	C	1.77		

APPROACH BRIDGE CROSSBEAM R45 JL2-JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1285		0.59	A	0.59				
1	WEB	PL	800* 9	1301	85	1.77	A	1.77				
1	VSTF	PL	90* 9	495		0.09	A	0.09				
JL2-JL3							A	2.45				

APPROACH BRIDGE CROSSBEAM R45 JL3-JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08				
1	FLG	PL	230* 10	171		0.08	A	0.08				
1	CR-FLG	PL	230* 10	2691		1.24	A	1.24				
1	CR-FLG	PL	100* 10	2690		0.54	A	0.54				
1	WEB	PL	803* 9	169		0.27	A	0.27				
1	WEB	PL	803* 9	169		0.27	A	0.27				

Caluculation of Steel Primer

(Unit: mm, m²)

1	CR-WEB	PL	800* 9	2707		4.33	A	4.33						
1	CR-WEB	PL	400* 9	2690		2.15	A	2.15						
2	CR-VSTF	PL	90* 9	765		0.28	C	0.28						
1	CR-VSTF	PL	190* 15	1457		0.55	C	0.55						
1	CR-VSTF	PL	190* 15	1507		0.57	C	0.57						
JL3-JL4							A	8.96	C	1.40				

APPROACH BRIDGE CROSSBEAM R45 JL4-JL4A														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	1754		0.81	A	0.81						
1	WEB	PL	831* 9	1754		2.92	A	2.92						
1	VSTF	PL	90* 9	765		0.14	A	0.14						
JL4-JL4A							A	3.87						

APPROACH BRIDGE CROSSBEAM R45 JL4A-JL5														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	1592		0.73	A	0.73						
1	WEB	PL	800* 9	1608	85	2.19	A	2.19						
1	VSTF	PL	90* 9	765		0.14	A	0.14						
JL4A-JL5							A	3.06						

APPROACH BRIDGE CROSSBEAM R45 JL5-JL6														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	172		0.08	A	0.08						
1	FLG	PL	230* 10	169		0.08	A	0.08						
1	CR-FLG	PL	230* 10	2691		1.24	A	1.24						
1	CR-FLG	PL	100* 10	2690		0.54	A	0.54						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	CR-WEB	PL	800* 9	2707		4.33	A	4.33						
1	CR-WEB	PL	400* 9	2690		2.15	A	2.15						
2	CR-VSTF	PL	90* 9	765		0.28	C	0.28						
1	CR-VSTF	PL	190* 15	1457		0.55	C	0.55						
1	CR-VSTF	PL	190* 15	1507		0.57	C	0.57						
JL5-JL6							A	8.96	C	1.40				

APPROACH BRIDGE CROSSBEAM R45 JL6-JL7														
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Caluculation of Steel Primer

(Unit: mm,m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	FLG	PL	230* 10	1285		0.59	A	0.59				
1	WEB	PL	800* 9	1304	85	1.77	A	1.77				
1	VSTF	PL	90* 9	495		0.09	A	0.09				
JL6-JL7							A	2.45				

APPROACH BRIDGE CROSSBEAM R45 JL7-JL8												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	FLG	PL	230* 10	168		0.08	A	0.08				
1	FLG	PL	230* 10	630		0.29	A	0.29				
1	CR-FLG	PL	230* 10	2546		1.17	A	1.17				
1	CR-FLG	PL	100* 10	1721		0.34	A	0.34				
1	WEB	PL	788* 9	611	55	0.53	A	0.53				
1	WEB	PL	803* 9	168		0.27	A	0.27				
1	CR-WEB	PL	800* 9	2990		4.78	A	4.78				
1	CR-WEB	PL	400* 9	1714		1.37	A	1.37				
2	CR-VSTF	PL	90* 9	503		0.18	C	0.18				
1	CR-VSTF	PL	240* 19	1808		0.87	C	0.87				
1	CR-VSTF	PL	240* 19	1510		0.72	C	0.72				
JL7-JL8							A	8.83	C	1.77		

APPROACH BRIDGE CROSSBEAM R45 JL8-RR1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	FLG	PL	230* 10	1024		0.47	A	0.47				
1	WEB	PL	636* 9	1113	65	0.92	A	0.92				
1	VSTF	PL	90* 9	509		0.09	A	0.09				
JL8-RR1							A	1.48				
R45							A	50.37	C	6.34		

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM R46 LL1-JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1024		0.47	A	0.47				
1	WEB	PL	636* 9	1113	65	0.92	A	0.92				
1	VSTF	PL	90* 9	509		0.09	A	0.09				
LL1-JL1							A	1.48				

APPROACH BRIDGE CROSSBEAM R46 JL1-JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	630		0.29	A	0.29				
1	FLG	PL	230* 10	166		0.08	A	0.08				
1	CR-FLG	PL	230* 10	2545		1.17	A	1.17				
1	CR-FLG	PL	100* 10	1721		0.34	A	0.34				
1	WEB	PL	788* 9	609	55	0.53	A	0.53				
1	CR-WEB	PL	800* 9	2990		4.78	A	4.78				
1	CR-WEB	PL	400* 9	1714		1.37	A	1.37				
1	WEB	PL	803* 9	168		0.27	A	0.27				
2	CR-VSTF	PL	90* 9	503		0.18	C	0.18				
1	CR-VSTF	PL	240* 19	1808		0.87	C	0.87				
1	CR-VSTF	PL	240* 19	1510		0.72	C	0.72				
JL1-JL2							A	8.83	C	1.77		

APPROACH BRIDGE CROSSBEAM R46 JL2-JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1285		0.59	A	0.59				
1	WEB	PL	800* 9	1301	85	1.77	A	1.77				
1	VSTF	PL	90* 9	495		0.09	A	0.09				
JL2-JL3							A	2.45				

APPROACH BRIDGE CROSSBEAM R46 JL3-JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08				
1	FLG	PL	230* 10	171		0.08	A	0.08				
1	CR-FLG	PL	230* 10	2691		1.24	A	1.24				
1	CR-FLG	PL	100* 10	2690		0.54	A	0.54				
1	WEB	PL	803* 9	169		0.27	A	0.27				
1	WEB	PL	803* 9	169		0.27	A	0.27				

Caluculation of Steel Primer

(Unit: mm, m²)

1	CR-WEB	PL	800* 9	2707		4.33	A	4.33						
1	CR-WEB	PL	400* 9	2690		2.15	A	2.15						
2	CR-VSTF	PL	90* 9	765		0.28	C	0.28						
1	CR-VSTF	PL	190* 15	1457		0.55	C	0.55						
1	CR-VSTF	PL	190* 15	1507		0.57	C	0.57						
JL3-JL4							A	8.96	C	1.40				

APPROACH BRIDGE CROSSBEAM R46 JL4-JL4A														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	1846		0.85	A	0.85						
1	WEB	PL	833* 9	1846		3.08	A	3.08						
1	VSTF	PL	90* 9	503		0.09	A	0.09						
JL4-JL4A							A	4.02						

APPROACH BRIDGE CROSSBEAM R46 JL4A-JL5														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	1736		0.80	A	0.80						
1	WEB	PL	800* 9	1753	85	2.38	A	2.38						
2	VSTF	PL	90* 9	503		0.18	A	0.18						
JL4A-JL5							A	3.36						

APPROACH BRIDGE CROSSBEAM R46 JL5-JL6														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	172		0.08	A	0.08						
1	FLG	PL	230* 10	169		0.08	A	0.08						
1	CR-FLG	PL	230* 10	2691		1.24	A	1.24						
1	CR-FLG	PL	100* 10	2690		0.54	A	0.54						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	CR-WEB	PL	800* 9	2707		4.33	A	4.33						
1	CR-WEB	PL	400* 9	2690		2.15	A	2.15						
2	CR-VSTF	PL	90* 9	765		0.28	C	0.28						
1	CR-VSTF	PL	190* 15	1457		0.55	C	0.55						
1	CR-VSTF	PL	190* 15	1507		0.57	C	0.57						
JL5-JL6							A	8.96	C	1.40				

APPROACH BRIDGE CROSSBEAM R46 JL6-JL7														
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Caluculation of Steel Primer

(Unit: mm,m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	FLG	PL	230* 10	1285		0.59	A	0.59				
1	WEB	PL	800* 9	1304	85	1.77	A	1.77				
1	VSTF	PL	90* 9	495		0.09	A	0.09				
JL6-JL7							A	2.45				

APPROACH BRIDGE CROSSBEAM R46 JL7-JL8												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	FLG	PL	230* 10	168		0.08	A	0.08				
1	FLG	PL	230* 10	630		0.29	A	0.29				
1	CR-FLG	PL	230* 10	2546		1.17	A	1.17				
1	CR-FLG	PL	100* 10	1721		0.34	A	0.34				
1	WEB	PL	788* 9	611	55	0.53	A	0.53				
1	WEB	PL	803* 9	168		0.27	A	0.27				
1	CR-WEB	PL	800* 9	2990		4.78	A	4.78				
1	CR-WEB	PL	400* 9	1714		1.37	A	1.37				
2	CR-VSTF	PL	90* 9	503		0.18	C	0.18				
1	CR-VSTF	PL	240* 19	1808		0.87	C	0.87				
1	CR-VSTF	PL	240* 19	1510		0.72	C	0.72				
JL7-JL8							A	8.83	C	1.77		

APPROACH BRIDGE CROSSBEAM R46 JL8-RR1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	FLG	PL	230* 10	1024		0.47	A	0.47				
1	WEB	PL	636* 9	1113	65	0.92	A	0.92				
1	VSTF	PL	90* 9	509		0.09	A	0.09				
JL8-RR1							A	1.48				
R46							A	50.82	C	6.34		

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM R47 LL1-JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1024		0.47	A	0.47				
1	WEB	PL	636* 9	1113	65	0.92	A	0.92				
1	VSTF	PL	90* 9	509		0.09	A	0.09				
LL1-JL1							A	1.48				

APPROACH BRIDGE CROSSBEAM R47 JL1-JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	630		0.29	A	0.29				
1	FLG	PL	230* 10	166		0.08	A	0.08				
1	CR-FLG	PL	230* 10	2545		1.17	A	1.17				
1	CR-FLG	PL	100* 10	1721		0.34	A	0.34				
1	WEB	PL	788* 9	609	55	0.53	A	0.53				
1	CR-WEB	PL	800* 9	2990		4.78	A	4.78				
1	CR-WEB	PL	400* 9	1714		1.37	A	1.37				
1	WEB	PL	803* 9	168		0.27	A	0.27				
2	CR-VSTF	PL	90* 9	503		0.18	C	0.18				
1	CR-VSTF	PL	240* 19	1808		0.87	C	0.87				
1	CR-VSTF	PL	240* 19	1510		0.72	C	0.72				
JL1-JL2							A	8.83	C	1.77		

APPROACH BRIDGE CROSSBEAM R47 JL2-JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1285		0.59	A	0.59				
1	WEB	PL	800* 9	1301	85	1.77	A	1.77				
1	VSTF	PL	90* 9	495		0.09	A	0.09				
JL2-JL3							A	2.45				

APPROACH BRIDGE CROSSBEAM R47 JL3-JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08				
1	FLG	PL	230* 10	171		0.08	A	0.08				
1	CR-FLG	PL	230* 10	2691		1.24	A	1.24				
1	CR-FLG	PL	100* 10	2690		0.54	A	0.54				
1	WEB	PL	803* 9	169		0.27	A	0.27				
1	WEB	PL	803* 9	169		0.27	A	0.27				

Caluculation of Steel Primer

(Unit: mm, m²)

1	CR-WEB	PL	800* 9	2707		4.33	A	4.33						
1	CR-WEB	PL	400* 9	2690		2.15	A	2.15						
2	CR-VSTF	PL	90* 9	765		0.28	C	0.28						
1	CR-VSTF	PL	190* 15	1457		0.55	C	0.55						
1	CR-VSTF	PL	190* 15	1507		0.57	C	0.57						
JL3-JL4							A	8.96	C	1.40				

APPROACH BRIDGE CROSSBEAM R47 JL4-JL4A														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	1949		0.90	A	0.90						
1	WEB	PL	835* 9	1949		3.25	A	3.25						
1	VSTF	PL	90* 9	503		0.09	A	0.09						
JL4-JL4A							A	4.24						

APPROACH BRIDGE CROSSBEAM R47 JL4A-JL5														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	1870		0.86	A	0.86						
1	WEB	PL	800* 9	1886	85	2.56	A	2.56						
2	VSTF	PL	90* 9	503		0.18	A	0.18						
JL4A-JL5							A	3.60						

APPROACH BRIDGE CROSSBEAM R47 JL5-JL6														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	172		0.08	A	0.08						
1	FLG	PL	230* 10	169		0.08	A	0.08						
1	CR-FLG	PL	230* 10	2691		1.24	A	1.24						
1	CR-FLG	PL	100* 10	2690		0.54	A	0.54						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	CR-WEB	PL	800* 9	2707		4.33	A	4.33						
1	CR-WEB	PL	400* 9	2690		2.15	A	2.15						
2	CR-VSTF	PL	90* 9	765		0.28	C	0.28						
1	CR-VSTF	PL	190* 15	1457		0.55	C	0.55						
1	CR-VSTF	PL	190* 15	1507		0.57	C	0.57						
JL5-JL6							A	8.96	C	1.40				

APPROACH BRIDGE CROSSBEAM R47 JL6-JL7														
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Caluculation of Steel Primer

(Unit: mm,m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	FLG	PL	230* 10	1285		0.59	A	0.59				
1	WEB	PL	800* 9	1304	85	1.77	A	1.77				
1	VSTF	PL	90* 9	495		0.09	A	0.09				
JL6-JL7							A	2.45				

APPROACH BRIDGE CROSSBEAM R47 JL7-JL8												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	FLG	PL	230* 10	168		0.08	A	0.08				
1	FLG	PL	230* 10	630		0.29	A	0.29				
1	CR-FLG	PL	230* 10	2546		1.17	A	1.17				
1	CR-FLG	PL	100* 10	1721		0.34	A	0.34				
1	WEB	PL	788* 9	611	55	0.53	A	0.53				
1	WEB	PL	803* 9	168		0.27	A	0.27				
1	CR-WEB	PL	800* 9	2990		4.78	A	4.78				
1	CR-WEB	PL	400* 9	1714		1.37	A	1.37				
2	CR-VSTF	PL	90* 9	503		0.18	C	0.18				
1	CR-VSTF	PL	240* 19	1808		0.87	C	0.87				
1	CR-VSTF	PL	240* 19	1510		0.72	C	0.72				
JL7-JL8							A	8.83	C	1.77		

APPROACH BRIDGE CROSSBEAM R47 JL8-RR1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	FLG	PL	230* 10	1024		0.47	A	0.47				
1	WEB	PL	636* 9	1113	65	0.92	A	0.92				
1	VSTF	PL	90* 9	509		0.09	A	0.09				
JL8-RR1							A	1.48				
R47							A	51.28	C	6.34		

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM R48 LL1-JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1024		0.47	A	0.47				
1	WEB	PL	636* 9	1113	65	0.92	A	0.92				
1	VSTF	PL	90* 9	509		0.09	A	0.09				
LL1-JL1							A	1.48				

APPROACH BRIDGE CROSSBEAM R48 JL1-JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	630		0.29	A	0.29				
1	FLG	PL	230* 10	166		0.08	A	0.08				
1	CR-FLG	PL	230* 10	2545		1.17	A	1.17				
1	CR-FLG	PL	100* 10	1721		0.34	A	0.34				
1	WEB	PL	788* 9	609	55	0.53	A	0.53				
1	CR-WEB	PL	800* 9	2990		4.78	A	4.78				
1	CR-WEB	PL	400* 9	1714		1.37	A	1.37				
1	WEB	PL	803* 9	168		0.27	A	0.27				
2	CR-VSTF	PL	90* 9	503		0.18	C	0.18				
1	CR-VSTF	PL	240* 19	1808		0.87	C	0.87				
1	CR-VSTF	PL	240* 19	1510		0.72	C	0.72				
JL1-JL2							A	8.83	C	1.77		

APPROACH BRIDGE CROSSBEAM R48 JL2-JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1285		0.59	A	0.59				
1	WEB	PL	800* 9	1301	85	1.77	A	1.77				
1	VSTF	PL	90* 9	495		0.09	A	0.09				
JL2-JL3							A	2.45				

APPROACH BRIDGE CROSSBEAM R48 JL3-JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08				
1	FLG	PL	230* 10	171		0.08	A	0.08				
1	CR-FLG	PL	230* 10	2691		1.24	A	1.24				
1	CR-FLG	PL	100* 10	2690		0.54	A	0.54				
1	WEB	PL	803* 9	169		0.27	A	0.27				
1	WEB	PL	803* 9	169		0.27	A	0.27				

Caluculation of Steel Primer

(Unit: mm, m²)

1	CR-WEB	PL	800* 9	2707		4.33	A	4.33						
1	CR-WEB	PL	400* 9	2690		2.15	A	2.15						
2	CR-VSTF	PL	90* 9	765		0.28	C	0.28						
1	CR-VSTF	PL	190* 15	1457		0.55	C	0.55						
1	CR-VSTF	PL	190* 15	1507		0.57	C	0.57						
JL3-JL4							A	8.96	C	1.40				

APPROACH BRIDGE CROSSBEAM R48 JL4-JL4A														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	2063		0.95	A	0.95						
1	WEB	PL	837* 9	2062		3.45	A	3.45						
1	VSTF	PL	90* 9	503		0.09	A	0.09						
JL4-JL4A							A	4.49						

APPROACH BRIDGE CROSSBEAM R48 JL4A-JL5														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	1992		0.92	A	0.92						
1	WEB	PL	800* 9	2009	85	2.73	A	2.73						
2	VSTF	PL	90* 9	503		0.18	A	0.18						
JL4A-JL5							A	3.83						

APPROACH BRIDGE CROSSBEAM R48 JL5-JL6														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	171		0.08	A	0.08						
1	FLG	PL	230* 10	169		0.08	A	0.08						
1	CR-FLG	PL	230* 10	2691		1.24	A	1.24						
1	CR-FLG	PL	100* 10	2690		0.54	A	0.54						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	CR-WEB	PL	800* 9	2707		4.33	A	4.33						
1	CR-WEB	PL	400* 9	2690		2.15	A	2.15						
2	CR-VSTF	PL	90* 9	765		0.28	C	0.28						
1	CR-VSTF	PL	190* 15	1457		0.55	C	0.55						
1	CR-VSTF	PL	190* 15	1507		0.57	C	0.57						
JL5-JL6							A	8.96	C	1.40				

APPROACH BRIDGE CROSSBEAM R48 JL6-JL7														
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Caluculation of Steel Primer

(Unit: mm,m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	FLG	PL	230* 10	1285		0.59	A	0.59				
1	WEB	PL	800* 9	1304	85	1.77	A	1.77				
1	VSTF	PL	90* 9	495		0.09	A	0.09				
JL6-JL7							A	2.45				

APPROACH BRIDGE CROSSBEAM R48 JL7-JL8												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	FLG	PL	230* 10	168		0.08	A	0.08				
1	FLG	PL	230* 10	630		0.29	A	0.29				
1	CR-FLG	PL	230* 10	2546		1.17	A	1.17				
1	CR-FLG	PL	100* 10	1721		0.34	A	0.34				
1	WEB	PL	788* 9	611	55	0.53	A	0.53				
1	WEB	PL	803* 9	168		0.27	A	0.27				
1	CR-WEB	PL	800* 9	2990		4.78	A	4.78				
1	CR-WEB	PL	400* 9	1714		1.37	A	1.37				
2	CR-VSTF	PL	90* 9	503		0.18	C	0.18				
1	CR-VSTF	PL	240* 19	1808		0.87	C	0.87				
1	CR-VSTF	PL	240* 19	1510		0.72	C	0.72				
JL7-JL8							A	8.83	C	1.77		

APPROACH BRIDGE CROSSBEAM R48 JL8-RR1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	FLG	PL	230* 10	1024		0.47	A	0.47				
1	WEB	PL	636* 9	1113	65	0.92	A	0.92				
1	VSTF	PL	90* 9	509		0.09	A	0.09				
JL8-RR1							A	1.48				
R48							A	51.76	C	6.34		

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM R49 LL1-JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1024		0.47	A	0.47				
1	WEB	PL	636* 9	1113	65	0.92	A	0.92				
1	VSTF	PL	90* 9	509		0.09	A	0.09				
LL1-JL1							A	1.48				

APPROACH BRIDGE CROSSBEAM R49 JL1-JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	630		0.29	A	0.29				
1	FLG	PL	230* 10	166		0.08	A	0.08				
1	CR-FLG	PL	230* 10	2545		1.17	A	1.17				
1	CR-FLG	PL	100* 10	1721		0.34	A	0.34				
1	WEB	PL	788* 9	609	55	0.53	A	0.53				
1	CR-WEB	PL	800* 9	2990		4.78	A	4.78				
1	CR-WEB	PL	400* 9	1714		1.37	A	1.37				
1	WEB	PL	803* 9	168		0.27	A	0.27				
2	CR-VSTF	PL	90* 9	503		0.18	C	0.18				
1	CR-VSTF	PL	240* 19	1808		0.87	C	0.87				
1	CR-VSTF	PL	240* 19	1510		0.72	C	0.72				
JL1-JL2							A	8.83	C	1.77		

APPROACH BRIDGE CROSSBEAM R49 JL2-JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1285		0.59	A	0.59				
1	WEB	PL	800* 9	1301	85	1.77	A	1.77				
1	VSTF	PL	90* 9	495		0.09	A	0.09				
JL2-JL3							A	2.45				

APPROACH BRIDGE CROSSBEAM R49 JL3-JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08				
1	FLG	PL	230* 10	171		0.08	A	0.08				
1	CR-FLG	PL	230* 10	2691		1.24	A	1.24				
1	CR-FLG	PL	100* 10	2690		0.54	A	0.54				
1	WEB	PL	803* 9	169		0.27	A	0.27				
1	WEB	PL	803* 9	169		0.27	A	0.27				

Caluculation of Steel Primer

(Unit: mm, m²)

1	CR-WEB	PL	800* 9	2707		4.33	A	4.33						
1	CR-WEB	PL	400* 9	2690		2.15	A	2.15						
2	CR-VSTF	PL	90* 9	765		0.28	C	0.28						
1	CR-VSTF	PL	190* 15	1457		0.55	C	0.55						
1	CR-VSTF	PL	190* 15	1507		0.57	C	0.57						
JL3-JL4							A	8.96	C	1.40				

APPROACH BRIDGE CROSSBEAM R49 JL4-JL4A														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	2188		1.01	A	1.01						
1	WEB	PL	840* 9	2187		3.67	A	3.67						
1	VSTF	PL	90* 9	503		0.09	A	0.09						
JL4-JL4A							A	4.77						

APPROACH BRIDGE CROSSBEAM R49 JL4A-JL5														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	2104		0.97	A	0.97						
1	WEB	PL	800* 9	2120	85	2.88	A	2.88						
2	VSTF	PL	90* 9	503		0.18	A	0.18						
JL4A-JL5							A	4.03						

APPROACH BRIDGE CROSSBEAM R49 JL5-JL6														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	171		0.08	A	0.08						
1	FLG	PL	230* 10	169		0.08	A	0.08						
1	CR-FLG	PL	230* 10	2691		1.24	A	1.24						
1	CR-FLG	PL	100* 10	2690		0.54	A	0.54						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	CR-WEB	PL	800* 9	2707		4.33	A	4.33						
1	CR-WEB	PL	400* 9	2690		2.15	A	2.15						
2	CR-VSTF	PL	90* 9	765		0.28	C	0.28						
1	CR-VSTF	PL	190* 15	1457		0.55	C	0.55						
1	CR-VSTF	PL	190* 15	1507		0.57	C	0.57						
JL5-JL6							A	8.96	C	1.40				

APPROACH BRIDGE CROSSBEAM R49 JL6-JL7														
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Caluculation of Steel Primer

(Unit: mm,m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	FLG	PL	230* 10	1285		0.59	A	0.59				
1	WEB	PL	800* 9	1304	85	1.77	A	1.77				
1	VSTF	PL	90* 9	495		0.09	A	0.09				
JL6-JL7							A	2.45				

APPROACH BRIDGE CROSSBEAM R49 JL7-JL8												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	FLG	PL	230* 10	168		0.08	A	0.08				
1	FLG	PL	230* 10	630		0.29	A	0.29				
1	CR-FLG	PL	230* 10	2546		1.17	A	1.17				
1	CR-FLG	PL	100* 10	1721		0.34	A	0.34				
1	WEB	PL	788* 9	611	55	0.53	A	0.53				
1	WEB	PL	803* 9	168		0.27	A	0.27				
1	CR-WEB	PL	800* 9	2990		4.78	A	4.78				
1	CR-WEB	PL	400* 9	1714		1.37	A	1.37				
2	CR-VSTF	PL	90* 9	503		0.18	C	0.18				
1	CR-VSTF	PL	240* 19	1808		0.87	C	0.87				
1	CR-VSTF	PL	240* 19	1510		0.72	C	0.72				
JL7-JL8							A	8.83	C	1.77		

APPROACH BRIDGE CROSSBEAM R49 JL8-RR1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	FLG	PL	230* 10	1024		0.47	A	0.47				
1	WEB	PL	636* 9	1113	65	0.92	A	0.92				
1	VSTF	PL	90* 9	509		0.09	A	0.09				
JL8-RR1							A	1.48				
R49							A	52.24	C	6.34		

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM R50 LL1-JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1024		0.47	A	0.47				
1	WEB	PL	636* 9	1113	65	0.92	A	0.92				
1	VSTF	PL	90* 9	509		0.09	A	0.09				
LL1-JL1							A	1.48				

APPROACH BRIDGE CROSSBEAM R50 JL1-JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	627		0.29	A	0.29				
1	FLG	PL	230* 10	166		0.08	A	0.08				
1	CR-FLG	PL	230* 10	2546		1.17	A	1.17				
1	CR-FLG	PL	100* 10	1721		0.34	A	0.34				
1	WEB	PL	787* 9	606	55	0.52	A	0.52				
1	CR-WEB	PL	800* 9	2990		4.78	A	4.78				
1	CR-WEB	PL	400* 9	1714		1.37	A	1.37				
1	WEB	PL	803* 9	166		0.27	A	0.27				
2	CR-VSTF	PL	90* 9	503		0.18	C	0.18				
1	CR-VSTF	PL	240* 19	1808		0.87	C	0.87				
1	CR-VSTF	PL	240* 19	1510		0.72	C	0.72				
JL1-JL2							A	8.82	C	1.77		

APPROACH BRIDGE CROSSBEAM R50 JL2-JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1285		0.59	A	0.59				
1	WEB	PL	800* 9	1301	85	1.77	A	1.77				
1	VSTF	PL	90* 9	495		0.09	A	0.09				
JL2-JL3							A	2.45				

APPROACH BRIDGE CROSSBEAM R50 JL3-JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08				
1	FLG	PL	230* 10	172		0.08	A	0.08				
1	CR-FLG	PL	230* 10	2690		1.24	A	1.24				
1	CR-FLG	PL	100* 10	2690		0.54	A	0.54				
1	WEB	PL	803* 9	169		0.27	A	0.27				
1	WEB	PL	803* 9	169		0.27	A	0.27				

Caluculation of Steel Primer

(Unit: mm, m²)

1	CR-WEB	PL	800* 9	2707		4.33	A	4.33						
1	CR-WEB	PL	400* 9	2690		2.15	A	2.15						
2	CR-VSTF	PL	90* 9	765		0.28	C	0.28						
1	CR-VSTF	PL	190* 15	1457		0.55	C	0.55						
1	CR-VSTF	PL	190* 15	1507		0.57	C	0.57						
JL3-JL4							A	8.96	C	1.40				

APPROACH BRIDGE CROSSBEAM R50 JL4-JL4A														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	2324		1.07	A	1.07						
1	WEB	PL	843* 9	2323		3.92	A	3.92						
2	VSTF	PL	90* 9	765		0.28	A	0.28						
JL4-JL4A							A	5.27						

APPROACH BRIDGE CROSSBEAM R50 JL4A-JL5														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	2204		1.01	A	1.01						
1	WEB	PL	800* 9	2220	85	3.02	A	3.02						
2	VSTF	PL	90* 9	765		0.28	A	0.28						
JL4A-JL5							A	4.31						

APPROACH BRIDGE CROSSBEAM R50 JL5-JL6														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	171		0.08	A	0.08						
1	FLG	PL	230* 10	169		0.08	A	0.08						
1	CR-FLG	PL	230* 10	2691		1.24	A	1.24						
1	CR-FLG	PL	100* 10	2690		0.54	A	0.54						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	CR-WEB	PL	800* 9	2707		4.33	A	4.33						
1	CR-WEB	PL	400* 9	2690		2.15	A	2.15						
2	CR-VSTF	PL	90* 9	765		0.28	C	0.28						
1	CR-VSTF	PL	190* 15	1457		0.55	C	0.55						
1	CR-VSTF	PL	190* 15	1507		0.57	C	0.57						
JL5-JL6							A	8.96	C	1.40				

APPROACH BRIDGE CROSSBEAM R50 JL6-JL7														
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Caluculation of Steel Primer

(Unit: mm,m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	FLG	PL	230* 10	1285		0.59	A	0.59				
1	WEB	PL	800* 9	1301	85	1.77	A	1.77				
1	VSTF	PL	90* 9	495		0.09	A	0.09				
JL6-JL7							A	2.45				

APPROACH BRIDGE CROSSBEAM R50 JL7-JL8												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	FLG	PL	230* 10	168		0.08	A	0.08				
1	FLG	PL	230* 10	627		0.29	A	0.29				
1	CR-FLG	PL	230* 10	2546		1.17	A	1.17				
1	CR-FLG	PL	100* 10	1721		0.34	A	0.34				
1	WEB	PL	787* 9	606	55	0.52	A	0.52				
1	WEB	PL	803* 9	166		0.27	A	0.27				
1	CR-WEB	PL	800* 9	2990		4.78	A	4.78				
1	CR-WEB	PL	400* 9	1714		1.37	A	1.37				
2	CR-VSTF	PL	90* 9	503		0.18	C	0.18				
1	CR-VSTF	PL	240* 19	1808		0.87	C	0.87				
1	CR-VSTF	PL	240* 19	1510		0.72	C	0.72				
JL7-JL8							A	8.82	C	1.77		

APPROACH BRIDGE CROSSBEAM R50 JL8-RR1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	FLG	PL	230* 10	1024		0.47	A	0.47				
1	WEB	PL	636* 9	1113	65	0.92	A	0.92				
1	VSTF	PL	90* 9	509		0.09	A	0.09				
JL8-RR1							A	1.48				
R50							A	53.00	C	6.34		

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM R51 LL1-JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1024		0.47	A	0.47				
1	WEB	PL	636* 9	1113	65	0.92	A	0.92				
1	VSTF	PL	90* 9	509		0.09	A	0.09				
LL1-JL1							A	1.48				

APPROACH BRIDGE CROSSBEAM R51 JL1-JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	627		0.29	A	0.29				
1	FLG	PL	230* 10	166		0.08	A	0.08				
1	CR-FLG	PL	230* 10	2546		1.17	A	1.17				
1	CR-FLG	PL	100* 10	1721		0.34	A	0.34				
1	WEB	PL	787* 9	606	55	0.52	A	0.52				
1	CR-WEB	PL	800* 9	2990		4.78	A	4.78				
1	CR-WEB	PL	400* 9	1714		1.37	A	1.37				
1	WEB	PL	803* 9	166		0.27	A	0.27				
2	CR-VSTF	PL	90* 9	503		0.18	C	0.18				
1	CR-VSTF	PL	240* 19	1808		0.87	C	0.87				
1	CR-VSTF	PL	240* 19	1510		0.72	C	0.72				
JL1-JL2							A	8.82	C	1.77		

APPROACH BRIDGE CROSSBEAM R51 JL2-JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1285		0.59	A	0.59				
1	WEB	PL	800* 9	1301	85	1.77	A	1.77				
1	VSTF	PL	90* 9	495		0.09	A	0.09				
JL2-JL3							A	2.45				

APPROACH BRIDGE CROSSBEAM R51 JL3-JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08				
1	FLG	PL	230* 10	172		0.08	A	0.08				
1	CR-FLG	PL	230* 10	2690		1.24	A	1.24				
1	CR-FLG	PL	100* 10	2690		0.54	A	0.54				
1	WEB	PL	803* 9	169		0.27	A	0.27				
1	WEB	PL	803* 9	169		0.27	A	0.27				

Caluculation of Steel Primer

(Unit: mm, m²)

1	CR-WEB	PL	800* 9	2707		4.33	A	4.33						
1	CR-WEB	PL	400* 9	2690		2.15	A	2.15						
2	CR-VSTF	PL	90* 9	765		0.28	C	0.28						
1	CR-VSTF	PL	190* 15	1457		0.55	C	0.55						
1	CR-VSTF	PL	190* 15	1507		0.57	C	0.57						
JL3-JL4							A	8.96	C	1.40				

APPROACH BRIDGE CROSSBEAM R51 JL4-JL4A														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	2471		1.14	A	1.14						
1	WEB	PL	845* 9	2470		4.17	A	4.17						
2	VSTF	PL	90* 9	503		0.18	A	0.18						
JL4-JL4A							A	5.49						

APPROACH BRIDGE CROSSBEAM R51 JL4A-JL5														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	2293		1.05	A	1.05						
1	WEB	PL	800* 9	2309	85	3.14	A	3.14						
2	VSTF	PL	90* 9	503		0.18	A	0.18						
JL4A-JL5							A	4.37						

APPROACH BRIDGE CROSSBEAM R51 JL5-JL6														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	171		0.08	A	0.08						
1	FLG	PL	230* 10	169		0.08	A	0.08						
1	CR-FLG	PL	230* 10	2691		1.24	A	1.24						
1	CR-FLG	PL	100* 10	2690		0.54	A	0.54						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	CR-WEB	PL	800* 9	2707		4.33	A	4.33						
1	CR-WEB	PL	400* 9	2690		2.15	A	2.15						
2	CR-VSTF	PL	90* 9	765		0.28	C	0.28						
1	CR-VSTF	PL	190* 15	1457		0.55	C	0.55						
1	CR-VSTF	PL	190* 15	1507		0.57	C	0.57						
JL5-JL6							A	8.96	C	1.40				

APPROACH BRIDGE CROSSBEAM R51 JL6-JL7														
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Caluculation of Steel Primer

(Unit: mm,m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	FLG	PL	230* 10	1285		0.59	A	0.59				
1	WEB	PL	800* 9	1301	85	1.77	A	1.77				
1	VSTF	PL	90* 9	495		0.09	A	0.09				
JL6-JL7							A	2.45				

APPROACH BRIDGE CROSSBEAM R51 JL7-JL8												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	FLG	PL	230* 10	168		0.08	A	0.08				
1	FLG	PL	230* 10	627		0.29	A	0.29				
1	CR-FLG	PL	230* 10	2546		1.17	A	1.17				
1	CR-FLG	PL	100* 10	1721		0.34	A	0.34				
1	WEB	PL	787* 9	606	55	0.52	A	0.52				
1	WEB	PL	803* 9	166		0.27	A	0.27				
1	CR-WEB	PL	800* 9	2990		4.78	A	4.78				
1	CR-WEB	PL	400* 9	1714		1.37	A	1.37				
2	CR-VSTF	PL	90* 9	503		0.18	C	0.18				
1	CR-VSTF	PL	240* 19	1808		0.87	C	0.87				
1	CR-VSTF	PL	240* 19	1510		0.72	C	0.72				
JL7-JL8							A	8.82	C	1.77		

APPROACH BRIDGE CROSSBEAM R51 JL8-RR1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	FLG	PL	230* 10	1024		0.47	A	0.47				
1	WEB	PL	636* 9	1113	65	0.92	A	0.92				
1	VSTF	PL	90* 9	509		0.09	A	0.09				
JL8-RR1							A	1.48				
R51							A	53.28	C	6.34		

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM R52 LL1-JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1024		0.47	A	0.47				
1	WEB	PL	636* 9	1113	65	0.92	A	0.92				
1	VSTF	PL	90* 9	509		0.09	A	0.09				
LL1-JL1							A	1.48				

APPROACH BRIDGE CROSSBEAM R52 JL1-JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	630		0.29	A	0.29				
1	FLG	PL	230* 10	168		0.08	A	0.08				
1	CR-FLG	PL	230* 10	2546		1.17	A	1.17				
1	CR-FLG	PL	100* 10	1721		0.34	A	0.34				
1	WEB	PL	788* 9	609	55	0.53	A	0.53				
1	CR-WEB	PL	800* 9	2990		4.78	A	4.78				
1	CR-WEB	PL	400* 9	1714		1.37	A	1.37				
1	WEB	PL	803* 9	168		0.27	A	0.27				
2	CR-VSTF	PL	90* 9	503		0.18	C	0.18				
1	CR-VSTF	PL	240* 19	1808		0.87	C	0.87				
1	CR-VSTF	PL	240* 19	1510		0.72	C	0.72				
JL1-JL2							A	8.83	C	1.77		

APPROACH BRIDGE CROSSBEAM R52 JL2-JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1285		0.59	A	0.59				
1	WEB	PL	800* 9	1301	85	1.77	A	1.77				
1	VSTF	PL	90* 9	495		0.09	A	0.09				
JL2-JL3							A	2.45				

APPROACH BRIDGE CROSSBEAM R52 JL3-JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08				
1	FLG	PL	230* 10	172		0.08	A	0.08				
1	CR-FLG	PL	230* 10	2690		1.24	A	1.24				
1	CR-FLG	PL	100* 10	2690		0.54	A	0.54				
1	WEB	PL	803* 9	169		0.27	A	0.27				
1	WEB	PL	803* 9	169		0.27	A	0.27				

Caluculation of Steel Primer

(Unit: mm, m²)

1	CR-WEB	PL	800* 9	2707		4.33	A	4.33							
1	CR-WEB	PL	400* 9	2690		2.15	A	2.15							
2	CR-VSTF	PL	90* 9	765		0.28	C	0.28							
1	CR-VSTF	PL	190* 15	1457		0.55	C	0.55							
1	CR-VSTF	PL	190* 15	1507		0.57	C	0.57							
JL3-JL4							A	8.96	C	1.40					

APPROACH BRIDGE CROSSBEAM R52 JL4-JL4A														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	2627		1.21	A	1.21						
1	WEB	PL	849* 9	2626		4.46	A	4.46						
2	VSTF	PL	90* 9	503		0.18	A	0.18						
JL4-JL4A							A	5.85						

APPROACH BRIDGE CROSSBEAM R52 JL4A-JL5														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	2369		1.09	A	1.09						
1	WEB	PL	800* 9	2385	85	3.24	A	3.24						
2	VSTF	PL	90* 9	503		0.18	A	0.18						
JL4A-JL5							A	4.51						

APPROACH BRIDGE CROSSBEAM R52 JL5-JL6														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	170		0.08	A	0.08						
1	FLG	PL	230* 10	169		0.08	A	0.08						
1	CR-FLG	PL	230* 10	2691		1.24	A	1.24						
1	CR-FLG	PL	100* 10	2690		0.54	A	0.54						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	CR-WEB	PL	800* 9	2707		4.33	A	4.33						
1	CR-WEB	PL	400* 9	2690		2.15	A	2.15						
2	CR-VSTF	PL	90* 9	765		0.28	C	0.28						
1	CR-VSTF	PL	190* 15	1457		0.55	C	0.55						
1	CR-VSTF	PL	190* 15	1507		0.57	C	0.57						
JL5-JL6							A	8.96	C	1.40				

APPROACH BRIDGE CROSSBEAM R52 JL6-JL7														
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Caluculation of Steel Primer

(Unit: mm,m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	FLG	PL	230* 10	1285		0.59	A	0.59				
1	WEB	PL	800* 9	1301	85	1.77	A	1.77				
1	VSTF	PL	90* 9	495		0.09	A	0.09				
JL6-JL7							A	2.45				

APPROACH BRIDGE CROSSBEAM R52 JL7-JL8												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	FLG	PL	230* 10	168		0.08	A	0.08				
1	FLG	PL	230* 10	630		0.29	A	0.29				
1	CR-FLG	PL	230* 10	2546		1.17	A	1.17				
1	CR-FLG	PL	100* 10	1721		0.34	A	0.34				
1	WEB	PL	788* 9	609	55	0.53	A	0.53				
1	WEB	PL	803* 9	168		0.27	A	0.27				
1	CR-WEB	PL	800* 9	2990		4.78	A	4.78				
1	CR-WEB	PL	400* 9	1714		1.37	A	1.37				
2	CR-VSTF	PL	90* 9	503		0.18	C	0.18				
1	CR-VSTF	PL	240* 19	1808		0.87	C	0.87				
1	CR-VSTF	PL	240* 19	1510		0.72	C	0.72				
JL7-JL8							A	8.83	C	1.77		

APPROACH BRIDGE CROSSBEAM R52 JL8-RR1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	FLG	PL	230* 10	1024		0.47	A	0.47				
1	WEB	PL	636* 9	1113	65	0.92	A	0.92				
1	VSTF	PL	90* 9	509		0.09	A	0.09				
JL8-RR1							A	1.48				
R52							A	53.80	C	6.34		

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM R53 LL1-JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1024		0.47	A	0.47				
1	WEB	PL	636* 9	1113	65	0.92	A	0.92				
1	VSTF	PL	90* 9	509		0.09	A	0.09				
LL1-JL1							A	1.48				

APPROACH BRIDGE CROSSBEAM R53 JL1-JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	630		0.29	A	0.29				
1	FLG	PL	230* 10	168		0.08	A	0.08				
1	CR-FLG	PL	230* 10	2546		1.17	A	1.17				
1	CR-FLG	PL	100* 10	1721		0.34	A	0.34				
1	WEB	PL	788* 9	609	55	0.53	A	0.53				
1	CR-WEB	PL	800* 9	2990		4.78	A	4.78				
1	CR-WEB	PL	400* 9	1714		1.37	A	1.37				
1	WEB	PL	803* 9	168		0.27	A	0.27				
2	CR-VSTF	PL	90* 9	503		0.18	C	0.18				
1	CR-VSTF	PL	240* 19	1808		0.87	C	0.87				
1	CR-VSTF	PL	240* 19	1510		0.72	C	0.72				
JL1-JL2							A	8.83	C	1.77		

APPROACH BRIDGE CROSSBEAM R53 JL2-JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1285		0.59	A	0.59				
1	WEB	PL	800* 9	1301	85	1.77	A	1.77				
1	VSTF	PL	90* 9	495		0.09	A	0.09				
JL2-JL3							A	2.45				

APPROACH BRIDGE CROSSBEAM R53 JL3-JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08				
1	FLG	PL	230* 10	172		0.08	A	0.08				
1	CR-FLG	PL	230* 10	2690		1.24	A	1.24				
1	CR-FLG	PL	100* 10	2690		0.54	A	0.54				
1	WEB	PL	803* 9	169		0.27	A	0.27				
1	WEB	PL	803* 9	169		0.27	A	0.27				

Caluculation of Steel Primer

(Unit: mm, m²)

1	CR-WEB	PL	800* 9	2707		4.33	A	4.33						
1	CR-WEB	PL	400* 9	2690		2.15	A	2.15						
2	CR-VSTF	PL	90* 9	765		0.28	C	0.28						
1	CR-VSTF	PL	190* 15	1457		0.55	C	0.55						
1	CR-VSTF	PL	190* 15	1507		0.57	C	0.57						
JL3-JL4							A	8.96	C	1.40				

APPROACH BRIDGE CROSSBEAM R53 JL4-JL4A														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	2740		1.26	A	1.26						
1	WEB	PL	851* 9	2739		4.66	A	4.66						
2	VSTF	PL	90* 9	503		0.18	A	0.18						
JL4-JL4A							A	6.10						

APPROACH BRIDGE CROSSBEAM R53 JL4A-JL5														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	2381		1.10	A	1.10						
1	WEB	PL	800* 9	2397	85	3.26	A	3.26						
2	VSTF	PL	90* 9	503		0.18	A	0.18						
JL4A-JL5							A	4.54						

APPROACH BRIDGE CROSSBEAM R53 JL5-JL6														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks
1	FLG	PL	230* 10	169		0.08	A	0.08						
1	FLG	PL	230* 10	169		0.08	A	0.08						
1	CR-FLG	PL	230* 10	2691		1.24	A	1.24						
1	CR-FLG	PL	100* 10	2690		0.54	A	0.54						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	WEB	PL	803* 9	169		0.27	A	0.27						
1	CR-WEB	PL	800* 9	2707		4.33	A	4.33						
1	CR-WEB	PL	400* 9	2690		2.15	A	2.15						
2	CR-VSTF	PL	90* 9	765		0.28	C	0.28						
1	CR-VSTF	PL	190* 15	1457		0.55	C	0.55						
1	CR-VSTF	PL	190* 15	1507		0.57	C	0.57						
JL5-JL6							A	8.96	C	1.40				

APPROACH BRIDGE CROSSBEAM R53 JL6-JL7														
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Caluculation of Steel Primer

(Unit: mm,m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	FLG	PL	230* 10	1285		0.59	A	0.59				
1	WEB	PL	800* 9	1301	85	1.77	A	1.77				
1	VSTF	PL	90* 9	495		0.09	A	0.09				
JL6-JL7							A	2.45				

APPROACH BRIDGE CROSSBEAM R53 JL7-JL8												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	FLG	PL	230* 10	168		0.08	A	0.08				
1	FLG	PL	230* 10	630		0.29	A	0.29				
1	CR-FLG	PL	230* 10	2546		1.17	A	1.17				
1	CR-FLG	PL	100* 10	1721		0.34	A	0.34				
1	WEB	PL	788* 9	609	55	0.53	A	0.53				
1	WEB	PL	803* 9	168		0.27	A	0.27				
1	CR-WEB	PL	800* 9	2990		4.78	A	4.78				
1	CR-WEB	PL	400* 9	1714		1.37	A	1.37				
2	CR-VSTF	PL	90* 9	503		0.18	C	0.18				
1	CR-VSTF	PL	240* 19	1808		0.87	C	0.87				
1	CR-VSTF	PL	240* 19	1510		0.72	C	0.72				
JL7-JL8							A	8.83	C	1.77		

APPROACH BRIDGE CROSSBEAM R53 JL8-RR1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	FLG	PL	230* 10	1024		0.47	A	0.47				
1	WEB	PL	636* 9	1113	65	0.92	A	0.92				
1	VSTF	PL	90* 9	509		0.09	A	0.09				
JL8-RR1							A	1.48				
R53							A	54.08	C	6.34		

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM R54 LL1-JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1024		0.47	B	0.47				
1	WEB	PL	636* 9	1113	65	0.92	B	0.92				
1	VSTF	PL	90* 9	509		0.09	B	0.09				
LL1-JL1							B	1.48				

APPROACH BRIDGE CROSSBEAM R54 JL1-JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	630		0.29	B	0.29				
1	FLG	PL	230* 10	168		0.08	B	0.08				
1	CR-FLG	PL	230* 10	2546		1.17	B	1.17				
1	CR-FLG	PL	100* 10	1721		0.34	B	0.34				
1	WEB	PL	788* 9	609	55	0.53	B	0.53				
1	CR-WEB	PL	800* 9	2990		4.78	B	4.78				
1	CR-WEB	PL	400* 9	1714		1.37	B	1.37				
1	WEB	PL	803* 9	168		0.27	B	0.27				
2	CR-VSTF	PL	90* 9	503		0.18	C	0.18				
1	CR-VSTF	PL	240* 19	1808		0.87	C	0.87				
1	CR-VSTF	PL	240* 19	1510		0.72	C	0.72				
JL1-JL2							B	8.83	C	1.77		

APPROACH BRIDGE CROSSBEAM R54 JL2-JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	1285		0.59	B	0.59				
1	WEB	PL	800* 9	1301	85	1.77	B	1.77				
1	VSTF	PL	90* 9	495		0.09	B	0.09				
JL2-JL3							B	2.45				

APPROACH BRIDGE CROSSBEAM R54 JL3-JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
1	FLG	PL	230* 10	169		0.08	B	0.08				
1	FLG	PL	230* 10	172		0.08	B	0.08				
1	CR-FLG	PL	230* 10	2690		1.24	B	1.24				
1	CR-FLG	PL	100* 10	2690		0.54	B	0.54				
1	WEB	PL	803* 9	169		0.27	B	0.27				
1	WEB	PL	803* 9	169		0.27	B	0.27				

Caluculation of Steel Primer

(Unit: mm, m²)

1	CR-WEB	PL	800* 9	2707		4.33	B	4.33					
1	CR-WEB	PL	400* 9	2690		2.15	B	2.15					
2	CR-VSTF	PL	90* 9	765		0.28	C	0.28					
1	CR-VSTF	PL	190* 15	1457		0.55	C	0.55					
1	CR-VSTF	PL	190* 15	1507		0.57	C	0.57					
JL3-JL4							B	8.96	C	1.40			

APPROACH BRIDGE CROSSBEAM R54 JL4-JL4A													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	FLG	PL	230* 10	2766		1.27	B	1.27					
1	WEB	PL	851* 9	2765		4.71	B	4.71					
2	VSTF	PL	90* 9	503		0.18	B	0.18					
JL4-JL4A							B	6.16					

APPROACH BRIDGE CROSSBEAM R54 JL4A-JL5													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	FLG	PL	230* 10	2365		1.09	B	1.09					
1	WEB	PL	800* 9	2381	85	3.24	B	3.24					
2	VSTF	PL	90* 9	503		0.18	B	0.18					
JL4A-JL5							B	4.51					

APPROACH BRIDGE CROSSBEAM R54 JL5-JL6													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
1	FLG	PL	230* 10	169		0.08	B	0.08					
1	FLG	PL	230* 10	169		0.08	B	0.08					
1	CR-FLG	PL	230* 10	2691		1.24	B	1.24					
1	CR-FLG	PL	100* 10	2690		0.54	B	0.54					
1	WEB	PL	803* 9	169		0.27	B	0.27					
1	WEB	PL	803* 9	169		0.27	B	0.27					
1	CR-WEB	PL	800* 9	2707		4.33	B	4.33					
1	CR-WEB	PL	400* 9	2690		2.15	B	2.15					
2	CR-VSTF	PL	90* 9	765		0.28	C	0.28					
1	CR-VSTF	PL	190* 15	1457		0.55	C	0.55					
1	CR-VSTF	PL	190* 15	1507		0.57	C	0.57					
JL5-JL6							B	8.96	C	1.40			

APPROACH BRIDGE CROSSBEAM R54 JL6-JL7													
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Caluculation of Steel Primer

(Unit: mm,m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	FLG	PL	230* 10	1285		0.59	B	0.59				
1	WEB	PL	800* 9	1301	85	1.77	B	1.77				
1	VSTF	PL	90* 9	495		0.09	B	0.09				
JL6-JL7							B	2.45				

APPROACH BRIDGE CROSSBEAM R54 JL7-JL8												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	FLG	PL	230* 10	168		0.08	B	0.08				
1	FLG	PL	230* 10	630		0.29	B	0.29				
1	CR-FLG	PL	230* 10	2546		1.17	B	1.17				
1	CR-FLG	PL	100* 10	1721		0.34	B	0.34				
1	WEB	PL	788* 9	609	55	0.53	B	0.53				
1	WEB	PL	803* 9	168		0.27	B	0.27				
1	CR-WEB	PL	800* 9	2990		4.78	B	4.78				
1	CR-WEB	PL	400* 9	1714		1.37	B	1.37				
2	CR-VSTF	PL	90* 9	503		0.18	C	0.18				
1	CR-VSTF	PL	240* 19	1808		0.87	C	0.87				
1	CR-VSTF	PL	240* 19	1510		0.72	C	0.72				
JL7-JL8							B	8.83	C	1.77		

APPROACH BRIDGE CROSSBEAM R54 JL8-RR1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
1	FLG	PL	230* 10	1024		0.47	B	0.47				
1	WEB	PL	636* 9	1113	65	0.92	B	0.92				
1	VSTF	PL	90* 9	509		0.09	B	0.09				
JL8-RR1							B	1.48				
R54							B	54.11	C	6.34		
CROSSBEAM							A	2753.36	B	177.33	C	342.36
APPROACH BRIDGE							A	2753.36	B	177.33	C	342.36

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R1 JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66		
21	W-SPL	TCB	M 22* 65			0.11	I	0.11				
JL1							E	0.45	I	0.15	M	0.89

APPROACH BRIDGE CROSSBEAM SPLICE R1 JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL2							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE CROSSBEAM SPLICE R1 JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL3							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE CROSSBEAM SPLICE R1 JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL4							E	0.53	I	0.17	M	1.04

Caluculation of Steel Primer

(Unit: mm, m²)

APPROACH BRIDGE CROSSBEAM SPLICE R1 JL5													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL5							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R1 JL6													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	100* 9	297		0.12	E	0.06	M	0.12			
1	F-SPL	PL	250* 9	297		0.15	E	0.07	M	0.15			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL6							E	0.54	I	0.17	M	1.08	

APPROACH BRIDGE CROSSBEAM SPLICE R1 JL6A													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	100* 9	297		0.12	E	0.06	M	0.12			
1	F-SPL	PL	250* 9	297		0.15	E	0.07	M	0.15			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
24	W-SPL	TCB	M 22* 65			0.12	I	0.12					
JL6A							E	0.54	I	0.16	M	1.08	

APPROACH BRIDGE CROSSBEAM SPLICE R1 JL6B													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	100* 9	297		0.12	E	0.06	M	0.12			
1	F-SPL	PL	250* 9	297		0.15	E	0.07	M	0.15			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
24	W-SPL	TCB	M 22* 65			0.12	I	0.12					
JL6B							E	0.54	I	0.16	M	1.08	

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R1 JL6C												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	100* 9	297		0.12	E	0.06	M	0.12		
1	F-SPL	PL	250* 9	297		0.15	E	0.07	M	0.15		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		
24	W-SPL	TCB	M 22* 65			0.12	I	0.12				
JL6C							E	0.54	I	0.16	M	1.08

APPROACH BRIDGE CROSSBEAM SPLICE R1 JL7												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	100* 9	297		0.12	E	0.06	M	0.12		
1	F-SPL	PL	250* 9	297		0.15	E	0.07	M	0.15		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL7							E	0.54	I	0.17	M	1.08

APPROACH BRIDGE CROSSBEAM SPLICE R1 JL8												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66		
21	W-SPL	TCB	M 22* 65			0.11	I	0.11				
JL8							E	0.45	I	0.15	M	0.89
R1							E	5.72	I	1.80	M	11.34

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R2 JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66		
21	W-SPL	TCB	M 22* 65			0.11	I	0.11				
JL1							E	0.45	I	0.15	M	0.89

APPROACH BRIDGE CROSSBEAM SPLICE R2 JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL2							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE CROSSBEAM SPLICE R2 JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL3							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE CROSSBEAM SPLICE R2 JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL4							E	0.53	I	0.17	M	1.04

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R2 JL5													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL5							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R2 JL6													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL6							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R2 JL6A													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
24	W-SPL	TCB	M 22* 65			0.12	I	0.12					
JL6A							E	0.53	I	0.16	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R2 JL6B													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
24	W-SPL	TCB	M 22* 65			0.12	I	0.12					
JL6B							E	0.53	I	0.16	M	1.04	

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R2 JL6C													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
24	W-SPL	TCB	M 22* 65			0.12	I	0.12					
JL6C							E	0.53	I	0.16	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R2 JL7													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL7							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R2 JL8													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66			
21	W-SPL	TCB	M 22* 65			0.11	I	0.11					
JL8							E	0.45	I	0.15	M	0.89	
R2							E	5.67	I	1.80	M	11.14	

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R3 JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66		
21	W-SPL	TCB	M 22* 65			0.11	I	0.11				
JL1							E	0.45	I	0.15	M	0.89

APPROACH BRIDGE CROSSBEAM SPLICE R3 JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL2							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE CROSSBEAM SPLICE R3 JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL3							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE CROSSBEAM SPLICE R3 JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL4							E	0.53	I	0.17	M	1.04

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R3 JL5													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL5							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R3 JL6													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL6							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R3 JL6A													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
24	W-SPL	TCB	M 22* 65			0.12	I	0.12					
JL6A							E	0.53	I	0.16	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R3 JL6B													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
24	W-SPL	TCB	M 22* 65			0.12	I	0.12					
JL6B							E	0.53	I	0.16	M	1.04	

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R3 JL6C												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		
24	W-SPL	TCB	M 22* 65			0.12	I	0.12				
JL6C							E	0.53	I	0.16	M	1.04

APPROACH BRIDGE CROSSBEAM SPLICE R3 JL7												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL7							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE CROSSBEAM SPLICE R3 JL8												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66		
21	W-SPL	TCB	M 22* 65			0.11	I	0.11				
JL8							E	0.45	I	0.15	M	0.89
R3							E	5.67	I	1.80	M	11.14

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R4 JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66		
21	W-SPL	TCB	M 22* 65			0.11	I	0.11				
JL1							E	0.45	I	0.15	M	0.89

APPROACH BRIDGE CROSSBEAM SPLICE R4 JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL2							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE CROSSBEAM SPLICE R4 JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL3							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE CROSSBEAM SPLICE R4 JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL4							E	0.53	I	0.17	M	1.04

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R4 JL5												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL5							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE CROSSBEAM SPLICE R4 JL6												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL6							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE CROSSBEAM SPLICE R4 JL6A												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		
24	W-SPL	TCB	M 22* 65			0.12	I	0.12				
JL6A							E	0.53	I	0.16	M	1.04

APPROACH BRIDGE CROSSBEAM SPLICE R4 JL6B												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		
24	W-SPL	TCB	M 22* 65			0.12	I	0.12				
JL6B							E	0.53	I	0.16	M	1.04

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R4 JL7												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL7							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE CROSSBEAM SPLICE R4 JL8												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66		
21	W-SPL	TCB	M 22* 65			0.11	I	0.11				
JL8							E	0.45	I	0.15	M	0.89
R4							E	5.14	I	1.64	M	10.10

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R5 JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66		
21	W-SPL	TCB	M 22* 65			0.11	I	0.11				
JL1							E	0.45	I	0.15	M	0.89

APPROACH BRIDGE CROSSBEAM SPLICE R5 JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL2							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE CROSSBEAM SPLICE R5 JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL3							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE CROSSBEAM SPLICE R5 JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL4							E	0.53	I	0.17	M	1.04

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R5 JL5												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL5							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE CROSSBEAM SPLICE R5 JL6												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL6							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE CROSSBEAM SPLICE R5 JL6A												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		
24	W-SPL	TCB	M 22* 65			0.12	I	0.12				
JL6A							E	0.53	I	0.16	M	1.04

APPROACH BRIDGE CROSSBEAM SPLICE R5 JL6B												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		
24	W-SPL	TCB	M 22* 65			0.12	I	0.12				
JL6B							E	0.53	I	0.16	M	1.04

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R5 JL7												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL7							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE CROSSBEAM SPLICE R5 JL8												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66		
21	W-SPL	TCB	M 22* 65			0.11	I	0.11				
JL8							E	0.45	I	0.15	M	0.89
R5							E	5.14	I	1.64	M	10.10

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R6 JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66		
21	W-SPL	TCB	M 22* 65			0.11	I	0.11				
JL1							E	0.45	I	0.15	M	0.89

APPROACH BRIDGE CROSSBEAM SPLICE R6 JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL2							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE CROSSBEAM SPLICE R6 JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL3							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE CROSSBEAM SPLICE R6 JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL4							E	0.53	I	0.17	M	1.04

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R6 JL5												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL5							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE CROSSBEAM SPLICE R6 JL6												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL6							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE CROSSBEAM SPLICE R6 JL6A												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		
24	W-SPL	TCB	M 22* 65			0.12	I	0.12				
JL6A							E	0.53	I	0.16	M	1.04

APPROACH BRIDGE CROSSBEAM SPLICE R6 JL6B												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		
24	W-SPL	TCB	M 22* 65			0.12	I	0.12				
JL6B							E	0.53	I	0.16	M	1.04

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R6 JL7												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL7							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE CROSSBEAM SPLICE R6 JL8												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66		
21	W-SPL	TCB	M 22* 65			0.11	I	0.11				
JL8							E	0.45	I	0.15	M	0.89
R6							E	5.14	I	1.64	M	10.10

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R7 JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66		
21	W-SPL	TCB	M 22* 65			0.11	I	0.11				
JL1							E	0.45	I	0.15	M	0.89

APPROACH BRIDGE CROSSBEAM SPLICE R7 JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL2							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE CROSSBEAM SPLICE R7 JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL3							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE CROSSBEAM SPLICE R7 JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL4							E	0.53	I	0.17	M	1.04

Caluculation of Steel Primer

(Unit: mm, m²)

APPROACH BRIDGE CROSSBEAM SPLICE R7 JL5												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL5							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE CROSSBEAM SPLICE R7 JL6												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL6							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE CROSSBEAM SPLICE R7 JL6A												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		
24	W-SPL	TCB	M 22* 65			0.12	I	0.12				
JL6A							E	0.53	I	0.16	M	1.04

APPROACH BRIDGE CROSSBEAM SPLICE R7 JL6B												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		
24	W-SPL	TCB	M 22* 65			0.12	I	0.12				
JL6B							E	0.53	I	0.16	M	1.04

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R7 JL7													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL7							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R7 JL8													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66			
21	W-SPL	TCB	M 22* 65			0.11	I	0.11					
JL8							E	0.45	I	0.15	M	0.89	
R7							E	5.14	I	1.64	M	10.10	

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R8 JL1													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66			
21	W-SPL	TCB	M 22* 65			0.11	I	0.11					
JL1							E	0.45	I	0.15	M	0.89	

APPROACH BRIDGE CROSSBEAM SPLICE R8 JL2													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL2							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R8 JL3													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL3							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R8 JL4													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL4							E	0.53	I	0.17	M	1.04	

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R8 JL5													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL5							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R8 JL6													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL6							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R8 JL6A													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
24	W-SPL	TCB	M 22* 65			0.12	I	0.12					
JL6A							E	0.53	I	0.16	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R8 JL6B													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
24	W-SPL	TCB	M 22* 65			0.12	I	0.12					
JL6B							E	0.53	I	0.16	M	1.04	

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R8 JL7													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL7							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R8 JL8													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66			
21	W-SPL	TCB	M 22* 65			0.11	I	0.11					
JL8							E	0.45	I	0.15	M	0.89	
R8							E	5.14	I	1.64	M	10.10	

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R9 JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66		
21	W-SPL	TCB	M 22* 65			0.11	I	0.11				
JL1							E	0.45	I	0.15	M	0.89

APPROACH BRIDGE CROSSBEAM SPLICE R9 JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL2							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE CROSSBEAM SPLICE R9 JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL3							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE CROSSBEAM SPLICE R9 JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL4							E	0.53	I	0.17	M	1.04

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R9 JL5												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL5							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE CROSSBEAM SPLICE R9 JL6												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL6							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE CROSSBEAM SPLICE R9 JL6A												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		
24	W-SPL	TCB	M 22* 65			0.12	I	0.12				
JL6A							E	0.53	I	0.16	M	1.04

APPROACH BRIDGE CROSSBEAM SPLICE R9 JL6B												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		
24	W-SPL	TCB	M 22* 65			0.12	I	0.12				
JL6B							E	0.53	I	0.16	M	1.04

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R9 JL7													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL7							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R9 JL8													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66			
21	W-SPL	TCB	M 22* 65			0.11	I	0.11					
JL8							E	0.45	I	0.15	M	0.89	
R9							E	5.14	I	1.64	M	10.10	

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R10 JL1													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66			
21	W-SPL	TCB	M 22* 65			0.11	I	0.11					
JL1							E	0.45	I	0.15	M	0.89	

APPROACH BRIDGE CROSSBEAM SPLICE R10 JL2													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL2							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R10 JL3													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL3							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R10 JL4													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL4							E	0.53	I	0.17	M	1.04	

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R10 JL5												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL5							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE CROSSBEAM SPLICE R10 JL6												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL6							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE CROSSBEAM SPLICE R10 JL6A												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		
24	W-SPL	TCB	M 22* 65			0.12	I	0.12				
JL6A							E	0.53	I	0.16	M	1.04

APPROACH BRIDGE CROSSBEAM SPLICE R10 JL6B												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		
24	W-SPL	TCB	M 22* 65			0.12	I	0.12				
JL6B							E	0.53	I	0.16	M	1.04

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R10 JL7													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL7							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R10 JL8													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66			
21	W-SPL	TCB	M 22* 65			0.11	I	0.11					
JL8							E	0.45	I	0.15	M	0.89	
R10							E	5.14	I	1.64	M	10.10	

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R11 JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66		
21	W-SPL	TCB	M 22* 65			0.11	I	0.11				
JL1							E	0.45	I	0.15	M	0.89

APPROACH BRIDGE CROSSBEAM SPLICE R11 JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL2							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE CROSSBEAM SPLICE R11 JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL3							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE CROSSBEAM SPLICE R11 JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL4							E	0.53	I	0.17	M	1.04

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R11 JL5												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL5							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE CROSSBEAM SPLICE R11 JL6												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL6							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE CROSSBEAM SPLICE R11 JL6A												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		
24	W-SPL	TCB	M 22* 65			0.12	I	0.12				
JL6A							E	0.53	I	0.16	M	1.04

APPROACH BRIDGE CROSSBEAM SPLICE R11 JL6B												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		
24	W-SPL	TCB	M 22* 65			0.12	I	0.12				
JL6B							E	0.53	I	0.16	M	1.04

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R11 JL7													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL7							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R11 JL8													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66			
21	W-SPL	TCB	M 22* 65			0.11	I	0.11					
JL8							E	0.45	I	0.15	M	0.89	
R11							E	5.14	I	1.64	M	10.10	

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R12 JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66		
21	W-SPL	TCB	M 22* 65			0.11	I	0.11				
JL1							E	0.45	I	0.15	M	0.89

APPROACH BRIDGE CROSSBEAM SPLICE R12 JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL2							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE CROSSBEAM SPLICE R12 JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL3							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE CROSSBEAM SPLICE R12 JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL4							E	0.53	I	0.17	M	1.04

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R12 JL5												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL5							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE CROSSBEAM SPLICE R12 JL6												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL6							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE CROSSBEAM SPLICE R12 JL6A												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		
24	W-SPL	TCB	M 22* 65			0.12	I	0.12				
JL6A							E	0.53	I	0.16	M	1.04

APPROACH BRIDGE CROSSBEAM SPLICE R12 JL6B												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		
24	W-SPL	TCB	M 22* 65			0.12	I	0.12				
JL6B							E	0.53	I	0.16	M	1.04

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R12 JL7													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL7							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R12 JL8													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66			
21	W-SPL	TCB	M 22* 65			0.11	I	0.11					
JL8							E	0.45	I	0.15	M	0.89	
R12							E	5.14	I	1.64	M	10.10	

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R13 JL1													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66			
21	W-SPL	TCB	M 22* 65			0.11	I	0.11					
JL1							E	0.45	I	0.15	M	0.89	

APPROACH BRIDGE CROSSBEAM SPLICE R13 JL2													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL2							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R13 JL3													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL3							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R13 JL4													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL4							E	0.53	I	0.17	M	1.04	

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R13 JL5												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL5							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE CROSSBEAM SPLICE R13 JL6												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL6							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE CROSSBEAM SPLICE R13 JL6A												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		
24	W-SPL	TCB	M 22* 65			0.12	I	0.12				
JL6A							E	0.53	I	0.16	M	1.04

APPROACH BRIDGE CROSSBEAM SPLICE R13 JL6B												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		
24	W-SPL	TCB	M 22* 65			0.12	I	0.12				
JL6B							E	0.53	I	0.16	M	1.04

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R13 JL7													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL7							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R13 JL8													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66			
21	W-SPL	TCB	M 22* 65			0.11	I	0.11					
JL8							E	0.45	I	0.15	M	0.89	
R13							E	5.14	I	1.64	M	10.10	

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R14 JL1													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66			
21	W-SPL	TCB	M 22* 65			0.11	I	0.11					
JL1							E	0.45	I	0.15	M	0.89	

APPROACH BRIDGE CROSSBEAM SPLICE R14 JL2													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL2							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R14 JL3													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL3							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R14 JL4													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL4							E	0.53	I	0.17	M	1.04	

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R14 JL5													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL5							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R14 JL6													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL6							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R14 JL6A													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
24	W-SPL	TCB	M 22* 65			0.12	I	0.12					
JL6A							E	0.53	I	0.16	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R14 JL6B													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
24	W-SPL	TCB	M 22* 65			0.12	I	0.12					
JL6B							E	0.53	I	0.16	M	1.04	

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R14 JL7													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL7							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R14 JL8													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66			
21	W-SPL	TCB	M 22* 65			0.11	I	0.11					
JL8							E	0.45	I	0.15	M	0.89	
R14							E	5.14	I	1.64	M	10.10	

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R15 JL1													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66			
21	W-SPL	TCB	M 22* 65			0.11	I	0.11					
JL1							E	0.45	I	0.15	M	0.89	

APPROACH BRIDGE CROSSBEAM SPLICE R15 JL2													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL2							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R15 JL3													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL3							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R15 JL4													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL4							E	0.53	I	0.17	M	1.04	

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R15 JL5												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL5							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE CROSSBEAM SPLICE R15 JL6												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL6							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE CROSSBEAM SPLICE R15 JL6A												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		
24	W-SPL	TCB	M 22* 65			0.12	I	0.12				
JL6A							E	0.53	I	0.16	M	1.04

APPROACH BRIDGE CROSSBEAM SPLICE R15 JL7												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL7							E	0.53	I	0.17	M	1.04

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R15 JL8														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10				
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13				
8	F-SPL	TCB	M 22* 65			0.04	I	0.04						
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66				
21	W-SPL	TCB	M 22* 65			0.11	I	0.11						
							JL8	E	0.45	I	0.15	M	0.89	
							R15	E	4.61	I	1.48	M	9.06	

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R16 JL1													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66			
21	W-SPL	TCB	M 22* 65			0.11	I	0.11					
JL1							E	0.45	I	0.15	M	0.89	

APPROACH BRIDGE CROSSBEAM SPLICE R16 JL2													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL2							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R16 JL3													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL3							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R16 JL4													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL4							E	0.53	I	0.17	M	1.04	

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R16 JL5													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL5							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R16 JL6													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL6							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R16 JL6A													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
24	W-SPL	TCB	M 22* 65			0.12	I	0.12					
JL6A							E	0.53	I	0.16	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R16 JL7													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL7							E	0.53	I	0.17	M	1.04	

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R16 JL8														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10				
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13				
8	F-SPL	TCB	M 22* 65			0.04	I	0.04						
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66				
21	W-SPL	TCB	M 22* 65			0.11	I	0.11						
							JL8	E	0.45	I	0.15	M	0.89	
							R16	E	4.61	I	1.48	M	9.06	

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R17 JL1													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66			
21	W-SPL	TCB	M 22* 65			0.11	I	0.11					
JL1							E	0.45	I	0.15	M	0.89	

APPROACH BRIDGE CROSSBEAM SPLICE R17 JL2													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL2							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R17 JL3													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL3							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R17 JL4													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL4							E	0.53	I	0.17	M	1.04	

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R17 JL5													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL5							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R17 JL6													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL6							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R17 JL6A													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
24	W-SPL	TCB	M 22* 65			0.12	I	0.12					
JL6A							E	0.53	I	0.16	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R17 JL7													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL7							E	0.53	I	0.17	M	1.04	

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R17 JL8														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10				
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13				
8	F-SPL	TCB	M 22* 65			0.04	I	0.04						
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66				
21	W-SPL	TCB	M 22* 65			0.11	I	0.11						
							JL8	E	0.45	I	0.15	M	0.89	
							R17	E	4.61	I	1.48	M	9.06	

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R18 JL1													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66			
21	W-SPL	TCB	M 22* 65			0.11	I	0.11					
JL1							E	0.45	I	0.15	M	0.89	

APPROACH BRIDGE CROSSBEAM SPLICE R18 JL2													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL2							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R18 JL3													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL3							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R18 JL4													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL4							E	0.53	I	0.17	M	1.04	

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R18 JL5													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL5							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R18 JL6													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL6							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R18 JL6A													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
24	W-SPL	TCB	M 22* 65			0.12	I	0.12					
JL6A							E	0.53	I	0.16	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R18 JL7													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL7							E	0.53	I	0.17	M	1.04	

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R18 JL8														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10				
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13				
8	F-SPL	TCB	M 22* 65			0.04	I	0.04						
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66				
21	W-SPL	TCB	M 22* 65			0.11	I	0.11						
							JL8	E	0.45	I	0.15	M	0.89	
							R18	E	4.61	I	1.48	M	9.06	

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R19 JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66		
21	W-SPL	TCB	M 22* 65			0.11	I	0.11				
JL1							E	0.45	I	0.15	M	0.89

APPROACH BRIDGE CROSSBEAM SPLICE R19 JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL2							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE CROSSBEAM SPLICE R19 JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL3							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE CROSSBEAM SPLICE R19 JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL4							E	0.53	I	0.17	M	1.04

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R19 JL5												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL5							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE CROSSBEAM SPLICE R19 JL6												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL6							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE CROSSBEAM SPLICE R19 JL6A												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		
24	W-SPL	TCB	M 22* 65			0.12	I	0.12				
JL6A							E	0.53	I	0.16	M	1.04

APPROACH BRIDGE CROSSBEAM SPLICE R19 JL7												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL7							E	0.53	I	0.17	M	1.04

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R19 JL8														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10				
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13				
8	F-SPL	TCB	M 22* 65			0.04	I	0.04						
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66				
21	W-SPL	TCB	M 22* 65			0.11	I	0.11						
							JL8	E	0.45	I	0.15	M	0.89	
							R19	E	4.61	I	1.48	M	9.06	

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R20 JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66		
21	W-SPL	TCB	M 22* 65			0.11	I	0.11				
JL1							E	0.45	I	0.15	M	0.89

APPROACH BRIDGE CROSSBEAM SPLICE R20 JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL2							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE CROSSBEAM SPLICE R20 JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL3							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE CROSSBEAM SPLICE R20 JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL4							E	0.53	I	0.17	M	1.04

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R20 JL5													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL5							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R20 JL6													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL6							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R20 JL6A													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
24	W-SPL	TCB	M 22* 65			0.12	I	0.12					
JL6A							E	0.53	I	0.16	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R20 JL7													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL7							E	0.53	I	0.17	M	1.04	

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R20 JL8														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10				
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13				
8	F-SPL	TCB	M 22* 65			0.04	I	0.04						
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66				
21	W-SPL	TCB	M 22* 65			0.11	I	0.11						
							JL8	E	0.45	I	0.15	M	0.89	
							R20	E	4.61	I	1.48	M	9.06	

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R21 JL1													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66			
21	W-SPL	TCB	M 22* 65			0.11	I	0.11					
JL1							E	0.45	I	0.15	M	0.89	

APPROACH BRIDGE CROSSBEAM SPLICE R21 JL2													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL2							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R21 JL3													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL3							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R21 JL4													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL4							E	0.53	I	0.17	M	1.04	

Caluculation of Steel Primer

(Unit: mm, m²)

APPROACH BRIDGE CROSSBEAM SPLICE R21 JL5													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL5							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R21 JL6													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL6							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R21 JL6A													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
24	W-SPL	TCB	M 22* 65			0.12	I	0.12					
JL6A							E	0.53	I	0.16	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R21 JL7													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL7							E	0.53	I	0.17	M	1.04	

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R21 JL8														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10				
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13				
8	F-SPL	TCB	M 22* 65			0.04	I	0.04						
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66				
21	W-SPL	TCB	M 22* 65			0.11	I	0.11						
							JL8	E	0.45	I	0.15	M	0.89	
							R21	E	4.61	I	1.48	M	9.06	

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R22 JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66		
21	W-SPL	TCB	M 22* 65			0.11	I	0.11				
JL1							E	0.45	I	0.15	M	0.89

APPROACH BRIDGE CROSSBEAM SPLICE R22 JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL2							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE CROSSBEAM SPLICE R22 JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL3							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE CROSSBEAM SPLICE R22 JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL4							E	0.53	I	0.17	M	1.04

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R22 JL5													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL5							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R22 JL6													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL6							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R22 JL6A													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
24	W-SPL	TCB	M 22* 65			0.12	I	0.12					
JL6A							E	0.53	I	0.16	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R22 JL7													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL7							E	0.53	I	0.17	M	1.04	

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R22 JL8														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10				
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13				
8	F-SPL	TCB	M 22* 65			0.04	I	0.04						
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66				
21	W-SPL	TCB	M 22* 65			0.11	I	0.11						
							JL8	E	0.45	I	0.15	M	0.89	
							R22	E	4.61	I	1.48	M	9.06	

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R23 JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66		
21	W-SPL	TCB	M 22* 65			0.11	I	0.11				
JL1							E	0.45	I	0.15	M	0.89

APPROACH BRIDGE CROSSBEAM SPLICE R23 JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL2							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE CROSSBEAM SPLICE R23 JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL3							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE CROSSBEAM SPLICE R23 JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL4							E	0.53	I	0.17	M	1.04

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R23 JL5												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL5							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE CROSSBEAM SPLICE R23 JL6												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL6							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE CROSSBEAM SPLICE R23 JL6A												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		
24	W-SPL	TCB	M 22* 65			0.12	I	0.12				
JL6A							E	0.53	I	0.16	M	1.04

APPROACH BRIDGE CROSSBEAM SPLICE R23 JL7												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL7							E	0.53	I	0.17	M	1.04

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R23 JL8														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10				
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13				
8	F-SPL	TCB	M 22* 65			0.04	I	0.04						
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66				
21	W-SPL	TCB	M 22* 65			0.11	I	0.11						
							JL8	E	0.45	I	0.15	M	0.89	
							R23	E	4.61	I	1.48	M	9.06	

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R24 JL1													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66			
21	W-SPL	TCB	M 22* 65			0.11	I	0.11					
JL1							E	0.45	I	0.15	M	0.89	

APPROACH BRIDGE CROSSBEAM SPLICE R24 JL2													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL2							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R24 JL3													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL3							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R24 JL4													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL4							E	0.53	I	0.17	M	1.04	

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R24 JL5													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL5							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R24 JL6													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL6							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R24 JL6A													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
24	W-SPL	TCB	M 22* 65			0.12	I	0.12					
JL6A							E	0.53	I	0.16	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R24 JL7													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL7							E	0.53	I	0.17	M	1.04	

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R24 JL8														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10				
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13				
8	F-SPL	TCB	M 22* 65			0.04	I	0.04						
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66				
21	W-SPL	TCB	M 22* 65			0.11	I	0.11						
							JL8	E	0.45	I	0.15	M	0.89	
							R24	E	4.61	I	1.48	M	9.06	

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R25 JL1													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66			
21	W-SPL	TCB	M 22* 65			0.11	I	0.11					
JL1							E	0.45	I	0.15	M	0.89	

APPROACH BRIDGE CROSSBEAM SPLICE R25 JL2													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL2							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R25 JL3													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL3							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R25 JL4													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL4							E	0.53	I	0.17	M	1.04	

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R25 JL5													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL5							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R25 JL6													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL6							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R25 JL6A													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
24	W-SPL	TCB	M 22* 65			0.12	I	0.12					
JL6A							E	0.53	I	0.16	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R25 JL7													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL7							E	0.53	I	0.17	M	1.04	

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R25 JL8														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10				
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13				
8	F-SPL	TCB	M 22* 65			0.04	I	0.04						
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66				
21	W-SPL	TCB	M 22* 65			0.11	I	0.11						
							JL8	E	0.45	I	0.15	M	0.89	
							R25	E	4.61	I	1.48	M	9.06	

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R26 JL1													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66			
21	W-SPL	TCB	M 22* 65			0.11	I	0.11					
JL1							E	0.45	I	0.15	M	0.89	

APPROACH BRIDGE CROSSBEAM SPLICE R26 JL2													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL2							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R26 JL3													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL3							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R26 JL4													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL4							E	0.53	I	0.17	M	1.04	

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R26 JL5													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL5							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R26 JL6													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL6							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R26 JL6A													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
24	W-SPL	TCB	M 22* 65			0.12	I	0.12					
JL6A							E	0.53	I	0.16	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R26 JL7													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL7							E	0.53	I	0.17	M	1.04	

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R26 JL8														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10				
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13				
8	F-SPL	TCB	M 22* 65			0.04	I	0.04						
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66				
21	W-SPL	TCB	M 22* 65			0.11	I	0.11						
							JL8	E	0.45	I	0.15	M	0.89	
							R26	E	4.61	I	1.48	M	9.06	

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R27 JL1													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66			
21	W-SPL	TCB	M 22* 65			0.11	I	0.11					
JL1							E	0.45	I	0.15	M	0.89	

APPROACH BRIDGE CROSSBEAM SPLICE R27 JL2													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL2							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R27 JL3													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL3							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R27 JL4													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL4							E	0.53	I	0.17	M	1.04	

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R27 JL5													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL5							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R27 JL6													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL6							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R27 JL6A													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
24	W-SPL	TCB	M 22* 65			0.12	I	0.12					
JL6A							E	0.53	I	0.16	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R27 JL7													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL7							E	0.53	I	0.17	M	1.04	

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R27 JL8														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10				
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13				
8	F-SPL	TCB	M 22* 65			0.04	I	0.04						
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66				
21	W-SPL	TCB	M 22* 65			0.11	I	0.11						
							JL8	E	0.45	I	0.15	M	0.89	
							R27	E	4.61	I	1.48	M	9.06	

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R28 JL1													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66			
21	W-SPL	TCB	M 22* 65			0.11	I	0.11					
JL1							E	0.45	I	0.15	M	0.89	

APPROACH BRIDGE CROSSBEAM SPLICE R28 JL2													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL2							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R28 JL3													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL3							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R28 JL4													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL4							E	0.53	I	0.17	M	1.04	

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R28 JL5													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL5							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R28 JL6													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL6							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R28 JL6A													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
24	W-SPL	TCB	M 22* 65			0.12	I	0.12					
JL6A							E	0.53	I	0.16	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R28 JL7													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL7							E	0.53	I	0.17	M	1.04	

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R28 JL8														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10				
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13				
8	F-SPL	TCB	M 22* 65			0.04	I	0.04						
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66				
21	W-SPL	TCB	M 22* 65			0.11	I	0.11						
							JL8	E	0.45	I	0.15	M	0.89	
							R28	E	4.61	I	1.48	M	9.06	

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R29 JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66		
21	W-SPL	TCB	M 22* 65			0.11	I	0.11				
JL1							E	0.45	I	0.15	M	0.89

APPROACH BRIDGE CROSSBEAM SPLICE R29 JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL2							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE CROSSBEAM SPLICE R29 JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL3							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE CROSSBEAM SPLICE R29 JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL4							E	0.53	I	0.17	M	1.04

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R29 JL5													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL5							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R29 JL6													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL6							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R29 JL6A													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
24	W-SPL	TCB	M 22* 65			0.12	I	0.12					
JL6A							E	0.53	I	0.16	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R29 JL7													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL7							E	0.53	I	0.17	M	1.04	

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R29 JL8														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10				
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13				
8	F-SPL	TCB	M 22* 65			0.04	I	0.04						
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66				
21	W-SPL	TCB	M 22* 65			0.11	I	0.11						
							JL8	E	0.45	I	0.15	M	0.89	
							R29	E	4.61	I	1.48	M	9.06	

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R30 JL1													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66			
21	W-SPL	TCB	M 22* 65			0.11	I	0.11					
JL1							E	0.45	I	0.15	M	0.89	

APPROACH BRIDGE CROSSBEAM SPLICE R30 JL2													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL2							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R30 JL3													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL3							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R30 JL4													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL4							E	0.53	I	0.17	M	1.04	

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R30 JL5													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL5							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R30 JL6													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL6							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R30 JL6A													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
24	W-SPL	TCB	M 22* 65			0.12	I	0.12					
JL6A							E	0.53	I	0.16	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R30 JL7													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL7							E	0.53	I	0.17	M	1.04	

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R30 JL8														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10				
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13				
8	F-SPL	TCB	M 22* 65			0.04	I	0.04						
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66				
21	W-SPL	TCB	M 22* 65			0.11	I	0.11						
							JL8	E	0.45	I	0.15	M	0.89	
							R30	E	4.61	I	1.48	M	9.06	

Caluculation of Steel Primer

(Unit: mm, m²)

APPROACH BRIDGE CROSSBEAM SPLICE R31 JL1													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66			
21	W-SPL	TCB	M 22* 65			0.11	I	0.11					
JL1							E	0.45	I	0.15	M	0.89	

APPROACH BRIDGE CROSSBEAM SPLICE R31 JL2													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL2							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R31 JL3													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL3							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R31 JL4													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL4							E	0.53	I	0.17	M	1.04	

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R31 JL5													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL5							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R31 JL6													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL6							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R31 JL7													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL7							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R31 JL8													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66			
21	W-SPL	TCB	M 22* 65			0.11	I	0.11					
JL8							E	0.45	I	0.15	M	0.89	

Caluculation of Steel Primer

(Unit: mm,m²)

R31	E	4.08	I	1.32	M	8.02		
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Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R32 JL1													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66			
21	W-SPL	TCB	M 22* 65			0.11	I	0.11					
JL1							E	0.45	I	0.15	M	0.89	

APPROACH BRIDGE CROSSBEAM SPLICE R32 JL2													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL2							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R32 JL3													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL3							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R32 JL4													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL4							E	0.53	I	0.17	M	1.04	

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R32 JL5													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL5							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R32 JL6													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL6							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R32 JL7													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL7							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R32 JL8													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66			
21	W-SPL	TCB	M 22* 65			0.11	I	0.11					
JL8							E	0.45	I	0.15	M	0.89	

Caluculation of Steel Primer

(Unit: mm,m²)

R32	E	4.08	I	1.32	M	8.02		
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Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R33 JL1													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66			
21	W-SPL	TCB	M 22* 65			0.11	I	0.11					
JL1							E	0.45	I	0.15	M	0.89	

APPROACH BRIDGE CROSSBEAM SPLICE R33 JL2													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL2							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R33 JL3													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL3							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R33 JL4													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL4							E	0.53	I	0.17	M	1.04	

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R33 JL5													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL5							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R33 JL6													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL6							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R33 JL7													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL7							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R33 JL8													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66			
21	W-SPL	TCB	M 22* 65			0.11	I	0.11					
JL8							E	0.45	I	0.15	M	0.89	

Caluculation of Steel Primer

(Unit: mm,m²)

R33	E	4.08	I	1.32	M	8.02		
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Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R34 JL1													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66			
21	W-SPL	TCB	M 22* 65			0.11	I	0.11					
JL1							E	0.45	I	0.15	M	0.89	

APPROACH BRIDGE CROSSBEAM SPLICE R34 JL2													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL2							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R34 JL3													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL3							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R34 JL4													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL4							E	0.53	I	0.17	M	1.04	

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R34 JL5													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL5							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R34 JL6													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL6							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R34 JL7													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL7							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R34 JL8													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66			
21	W-SPL	TCB	M 22* 65			0.11	I	0.11					
JL8							E	0.45	I	0.15	M	0.89	

Caluculation of Steel Primer

(Unit: mm,m²)

R34	E	4.08	I	1.32	M	8.02		
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Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R35 JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66		
21	W-SPL	TCB	M 22* 65			0.11	I	0.11				
JL1							E	0.45	I	0.15	M	0.89

APPROACH BRIDGE CROSSBEAM SPLICE R35 JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL2							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE CROSSBEAM SPLICE R35 JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL3							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE CROSSBEAM SPLICE R35 JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL4							E	0.53	I	0.17	M	1.04

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R35 JL5													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL5							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R35 JL6													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL6							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R35 JL7													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL7							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R35 JL8													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66			
21	W-SPL	TCB	M 22* 65			0.11	I	0.11					
JL8							E	0.45	I	0.15	M	0.89	

Caluculation of Steel Primer

(Unit: mm,m²)

R35	E	4.08	I	1.32	M	8.02		
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Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R36 JL1													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66			
21	W-SPL	TCB	M 22* 65			0.11	I	0.11					
JL1							E	0.45	I	0.15	M	0.89	

APPROACH BRIDGE CROSSBEAM SPLICE R36 JL2													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL2							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R36 JL3													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL3							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R36 JL4													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL4							E	0.53	I	0.17	M	1.04	

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R36 JL5													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL5							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R36 JL6													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL6							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R36 JL7													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL7							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R36 JL8													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66			
21	W-SPL	TCB	M 22* 65			0.11	I	0.11					
JL8							E	0.45	I	0.15	M	0.89	

Caluculation of Steel Primer

(Unit: mm, m²)

R36	E	4.08	I	1.32	M	8.02		
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Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R37 JL1													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66			
21	W-SPL	TCB	M 22* 65			0.11	I	0.11					
JL1							E	0.45	I	0.15	M	0.89	

APPROACH BRIDGE CROSSBEAM SPLICE R37 JL2													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL2							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R37 JL3													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL3							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R37 JL4													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL4							E	0.53	I	0.17	M	1.04	

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R37 JL5													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL5							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R37 JL6													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL6							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R37 JL7													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL7							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R37 JL8													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66			
21	W-SPL	TCB	M 22* 65			0.11	I	0.11					
JL8							E	0.45	I	0.15	M	0.89	

Caluculation of Steel Primer

(Unit: mm,m²)

R37	E	4.08	I	1.32	M	8.02		
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Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R38 JL1													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66			
21	W-SPL	TCB	M 22* 65			0.11	I	0.11					
JL1							E	0.45	I	0.15	M	0.89	

APPROACH BRIDGE CROSSBEAM SPLICE R38 JL2													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL2							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R38 JL3													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL3							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R38 JL4													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL4							E	0.53	I	0.17	M	1.04	

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R38 JL5												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL5							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE CROSSBEAM SPLICE R38 JL6												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL6							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE CROSSBEAM SPLICE R38 JL7												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL7							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE CROSSBEAM SPLICE R38 JL8												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66		
21	W-SPL	TCB	M 22* 65			0.11	I	0.11				
JL8							E	0.45	I	0.15	M	0.89

Caluculation of Steel Primer

(Unit: mm, m²)

R38	E	4.08	I	1.32	M	8.02		
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Caluculation of Steel Primer

(Unit: mm, m²)

APPROACH BRIDGE CROSSBEAM SPLICE R39 JL1													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66			
21	W-SPL	TCB	M 22* 65			0.11	I	0.11					
JL1							E	0.45	I	0.15	M	0.89	

APPROACH BRIDGE CROSSBEAM SPLICE R39 JL2													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL2							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R39 JL3													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL3							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R39 JL4													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL4							E	0.53	I	0.17	M	1.04	

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R39 JL5													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL5							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R39 JL6													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL6							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R39 JL7													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL7							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R39 JL8													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66			
21	W-SPL	TCB	M 22* 65			0.11	I	0.11					
JL8							E	0.45	I	0.15	M	0.89	

Caluculation of Steel Primer

(Unit: mm,m²)

R39	E	4.08	I	1.32	M	8.02		
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Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R40 JL1													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66			
21	W-SPL	TCB	M 22* 65			0.11	I	0.11					
JL1							E	0.45	I	0.15	M	0.89	

APPROACH BRIDGE CROSSBEAM SPLICE R40 JL2													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL2							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R40 JL3													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL3							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R40 JL4													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL4							E	0.53	I	0.17	M	1.04	

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R40 JL5													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL5							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R40 JL6													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL6							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R40 JL7													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL7							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R40 JL8													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66			
21	W-SPL	TCB	M 22* 65			0.11	I	0.11					
JL8							E	0.45	I	0.15	M	0.89	

Caluculation of Steel Primer

(Unit: mm,m²)

R40	E	4.08	I	1.32	M	8.02		
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Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R41 JL1													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66			
21	W-SPL	TCB	M 22* 65			0.11	I	0.11					
JL1							E	0.45	I	0.15	M	0.89	

APPROACH BRIDGE CROSSBEAM SPLICE R41 JL2													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL2							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R41 JL3													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL3							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R41 JL4													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL4							E	0.53	I	0.17	M	1.04	

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R41 JL5													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL5							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R41 JL6													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL6							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R41 JL7													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL7							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R41 JL8													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66			
21	W-SPL	TCB	M 22* 65			0.11	I	0.11					
JL8							E	0.45	I	0.15	M	0.89	

Caluculation of Steel Primer

(Unit: mm,m²)

R41	E	4.08	I	1.32	M	8.02		
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Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R42 JL1													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66			
21	W-SPL	TCB	M 22* 65			0.11	I	0.11					
JL1							E	0.45	I	0.15	M	0.89	

APPROACH BRIDGE CROSSBEAM SPLICE R42 JL2													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL2							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R42 JL3													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL3							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R42 JL4													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL4							E	0.53	I	0.17	M	1.04	

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R42 JL5													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL5							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R42 JL6													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL6							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R42 JL7													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL7							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R42 JL8													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66			
21	W-SPL	TCB	M 22* 65			0.11	I	0.11					
JL8							E	0.45	I	0.15	M	0.89	

Caluculation of Steel Primer

(Unit: mm,m²)

R42	E	4.08	I	1.32	M	8.02		
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Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R43 JL1													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66			
21	W-SPL	TCB	M 22* 65			0.11	I	0.11					
JL1							E	0.45	I	0.15	M	0.89	

APPROACH BRIDGE CROSSBEAM SPLICE R43 JL2													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL2							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R43 JL3													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL3							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R43 JL4													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL4							E	0.53	I	0.17	M	1.04	

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R43 JL5													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL5							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R43 JL6													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL6							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R43 JL7													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL7							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R43 JL8													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66			
21	W-SPL	TCB	M 22* 65			0.11	I	0.11					
JL8							E	0.45	I	0.15	M	0.89	

Caluculation of Steel Primer

(Unit: mm,m²)

R43	E	4.08	I	1.32	M	8.02		
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Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R44 JL1													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66			
21	W-SPL	TCB	M 22* 65			0.11	I	0.11					
JL1							E	0.45	I	0.15	M	0.89	

APPROACH BRIDGE CROSSBEAM SPLICE R44 JL2													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL2							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R44 JL3													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL3							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R44 JL4													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL4							E	0.53	I	0.17	M	1.04	

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R44 JL5													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL5							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R44 JL6													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL6							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R44 JL7													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL7							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R44 JL8													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66			
21	W-SPL	TCB	M 22* 65			0.11	I	0.11					
JL8							E	0.45	I	0.15	M	0.89	

Caluculation of Steel Primer

(Unit: mm,m²)

R44	E	4.08	I	1.32	M	8.02		
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Caluculation of Steel Primer

(Unit: mm, m²)

APPROACH BRIDGE CROSSBEAM SPLICE R45 JL1													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66			
21	W-SPL	TCB	M 22* 65			0.11	I	0.11					
JL1							E	0.45	I	0.15	M	0.89	

APPROACH BRIDGE CROSSBEAM SPLICE R45 JL2													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL2							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R45 JL3													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL3							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R45 JL4													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL4							E	0.53	I	0.17	M	1.04	

Caluculation of Steel Primer

(Unit: mm, m²)

APPROACH BRIDGE CROSSBEAM SPLICE R45 JL4A													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
22	W-SPL	TCB	M 22* 65			0.11	I	0.11					
JL4A							E	0.53	I	0.15	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R45 JL5													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL5							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R45 JL6													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL6							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R45 JL7													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL7							E	0.53	I	0.17	M	1.04	

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R45 JL8														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10				
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13				
8	F-SPL	TCB	M 22* 65			0.04	I	0.04						
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66				
21	W-SPL	TCB	M 22* 65			0.11	I	0.11						
							JL8	E	0.45	I	0.15	M	0.89	
							R45	E	4.61	I	1.47	M	9.06	

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R46 JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66		
21	W-SPL	TCB	M 22* 65			0.11	I	0.11				
JL1							E	0.45	I	0.15	M	0.89

APPROACH BRIDGE CROSSBEAM SPLICE R46 JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL2							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE CROSSBEAM SPLICE R46 JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL3							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE CROSSBEAM SPLICE R46 JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL4							E	0.53	I	0.17	M	1.04

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R46 JL4A													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
24	W-SPL	TCB	M 22* 65			0.12	I	0.12					
JL4A							E	0.53	I	0.16	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R46 JL5													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL5							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R46 JL6													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL6							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R46 JL7													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL7							E	0.53	I	0.17	M	1.04	

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R46 JL8														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10				
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13				
8	F-SPL	TCB	M 22* 65			0.04	I	0.04						
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66				
21	W-SPL	TCB	M 22* 65			0.11	I	0.11						
							JL8	E	0.45	I	0.15	M	0.89	
							R46	E	4.61	I	1.48	M	9.06	

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R47 JL1													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66			
21	W-SPL	TCB	M 22* 65			0.11	I	0.11					
JL1							E	0.45	I	0.15	M	0.89	

APPROACH BRIDGE CROSSBEAM SPLICE R47 JL2													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL2							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R47 JL3													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL3							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R47 JL4													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL4							E	0.53	I	0.17	M	1.04	

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R47 JL4A												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
22	W-SPL	TCB	M 22* 65			0.11	I	0.11				
JL4A							E	0.53	I	0.15	M	1.04

APPROACH BRIDGE CROSSBEAM SPLICE R47 JL5												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL5							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE CROSSBEAM SPLICE R47 JL6												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL6							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE CROSSBEAM SPLICE R47 JL7												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL7							E	0.53	I	0.17	M	1.04

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R47 JL8														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10				
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13				
8	F-SPL	TCB	M 22* 65			0.04	I	0.04						
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66				
21	W-SPL	TCB	M 22* 65			0.11	I	0.11						
							JL8	E	0.45	I	0.15	M	0.89	
							R47	E	4.61	I	1.47	M	9.06	

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R48 JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66		
21	W-SPL	TCB	M 22* 65			0.11	I	0.11				
JL1							E	0.45	I	0.15	M	0.89

APPROACH BRIDGE CROSSBEAM SPLICE R48 JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL2							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE CROSSBEAM SPLICE R48 JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL3							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE CROSSBEAM SPLICE R48 JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL4							E	0.53	I	0.17	M	1.04

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R48 JL4A													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
24	W-SPL	TCB	M 22* 65			0.12	I	0.12					
JL4A							E	0.53	I	0.16	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R48 JL5													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL5							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R48 JL6													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL6							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R48 JL7													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL7							E	0.53	I	0.17	M	1.04	

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R48 JL8														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10				
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13				
8	F-SPL	TCB	M 22* 65			0.04	I	0.04						
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66				
21	W-SPL	TCB	M 22* 65			0.11	I	0.11						
							JL8	E	0.45	I	0.15	M	0.89	
							R48	E	4.61	I	1.48	M	9.06	

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R49 JL1													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66			
21	W-SPL	TCB	M 22* 65			0.11	I	0.11					
JL1							E	0.45	I	0.15	M	0.89	

APPROACH BRIDGE CROSSBEAM SPLICE R49 JL2													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL2							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R49 JL3													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL3							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R49 JL4													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL4							E	0.53	I	0.17	M	1.04	

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R49 JL4A												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
24	W-SPL	TCB	M 22* 65			0.12	I	0.12				
JL4A							E	0.53	I	0.16	M	1.04

APPROACH BRIDGE CROSSBEAM SPLICE R49 JL5												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL5							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE CROSSBEAM SPLICE R49 JL6												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL6							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE CROSSBEAM SPLICE R49 JL7												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL7							E	0.53	I	0.17	M	1.04

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R49 JL8														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10				
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13				
8	F-SPL	TCB	M 22* 65			0.04	I	0.04						
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66				
21	W-SPL	TCB	M 22* 65			0.11	I	0.11						
							JL8	E	0.45	I	0.15	M	0.89	
							R49	E	4.61	I	1.48	M	9.06	

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R50 JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66		
21	W-SPL	TCB	M 22* 65			0.11	I	0.11				
JL1							E	0.45	I	0.15	M	0.89

APPROACH BRIDGE CROSSBEAM SPLICE R50 JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL2							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE CROSSBEAM SPLICE R50 JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL3							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE CROSSBEAM SPLICE R50 JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL4							E	0.53	I	0.17	M	1.04

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R50 JL4A												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
22	W-SPL	TCB	M 22* 65			0.11	I	0.11				
JL4A							E	0.53	I	0.15	M	1.04

APPROACH BRIDGE CROSSBEAM SPLICE R50 JL5												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL5							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE CROSSBEAM SPLICE R50 JL6												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL6							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE CROSSBEAM SPLICE R50 JL7												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL7							E	0.53	I	0.17	M	1.04

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R50 JL8														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10				
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13				
8	F-SPL	TCB	M 22* 65			0.04	I	0.04						
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66				
21	W-SPL	TCB	M 22* 65			0.11	I	0.11						
							JL8	E	0.45	I	0.15	M	0.89	
							R50	E	4.61	I	1.47	M	9.06	

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R51 JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66		
21	W-SPL	TCB	M 22* 65			0.11	I	0.11				
JL1							E	0.45	I	0.15	M	0.89

APPROACH BRIDGE CROSSBEAM SPLICE R51 JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL2							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE CROSSBEAM SPLICE R51 JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL3							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE CROSSBEAM SPLICE R51 JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL4							E	0.53	I	0.17	M	1.04

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R51 JL4A													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
22	W-SPL	TCB	M 22* 65			0.11	I	0.11					
JL4A							E	0.53	I	0.15	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R51 JL5													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL5							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R51 JL6													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL6							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R51 JL7													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL7							E	0.53	I	0.17	M	1.04	

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R51 JL8														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10				
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13				
8	F-SPL	TCB	M 22* 65			0.04	I	0.04						
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66				
21	W-SPL	TCB	M 22* 65			0.11	I	0.11						
							JL8	E	0.45	I	0.15	M	0.89	
							R51	E	4.61	I	1.47	M	9.06	

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R52 JL1													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66			
21	W-SPL	TCB	M 22* 65			0.11	I	0.11					
JL1							E	0.45	I	0.15	M	0.89	

APPROACH BRIDGE CROSSBEAM SPLICE R52 JL2													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL2							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R52 JL3													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL3							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R52 JL4													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL4							E	0.53	I	0.17	M	1.04	

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R52 JL4A													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
22	W-SPL	TCB	M 22* 65			0.11	I	0.11					
JL4A							E	0.53	I	0.15	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R52 JL5													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL5							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R52 JL6													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL6							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R52 JL7													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL7							E	0.53	I	0.17	M	1.04	

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R52 JL8														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10				
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13				
8	F-SPL	TCB	M 22* 65			0.04	I	0.04						
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66				
21	W-SPL	TCB	M 22* 65			0.11	I	0.11						
							JL8	E	0.45	I	0.15	M	0.89	
							R52	E	4.61	I	1.47	M	9.06	

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R53 JL1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66		
21	W-SPL	TCB	M 22* 65			0.11	I	0.11				
JL1							E	0.45	I	0.15	M	0.89

APPROACH BRIDGE CROSSBEAM SPLICE R53 JL2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL2							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE CROSSBEAM SPLICE R53 JL3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL3							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE CROSSBEAM SPLICE R53 JL4												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL4							E	0.53	I	0.17	M	1.04

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R53 JL4A												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
22	W-SPL	TCB	M 22* 65			0.11	I	0.11				
JL4A							E	0.53	I	0.15	M	1.04

APPROACH BRIDGE CROSSBEAM SPLICE R53 JL5												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL5							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE CROSSBEAM SPLICE R53 JL6												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL6							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE CROSSBEAM SPLICE R53 JL7												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL7							E	0.53	I	0.17	M	1.04

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R53 JL8													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66			
21	W-SPL	TCB	M 22* 65			0.11	I	0.11					
JL8							E	0.45	I	0.15	M	0.89	
R53							E	4.61	I	1.47	M	9.06	

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R54 JL1													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66			
21	W-SPL	TCB	M 22* 65			0.11	I	0.11					
JL1							E	0.45	I	0.15	M	0.89	

APPROACH BRIDGE CROSSBEAM SPLICE R54 JL2													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL2							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R54 JL3													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL3							E	0.53	I	0.17	M	1.04	

APPROACH BRIDGE CROSSBEAM SPLICE R54 JL4													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81			
26	W-SPL	TCB	M 22* 65			0.13	I	0.13					
JL4							E	0.53	I	0.17	M	1.04	

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R54 JL4A												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
22	W-SPL	TCB	M 22* 65			0.11	I	0.11				
JL4A							E	0.53	I	0.15	M	1.04

APPROACH BRIDGE CROSSBEAM SPLICE R54 JL5												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	686		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL5							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE CROSSBEAM SPLICE R54 JL6												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL6							E	0.53	I	0.17	M	1.04

APPROACH BRIDGE CROSSBEAM SPLICE R54 JL7												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10		
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13		
8	F-SPL	TCB	M 22* 65			0.04	I	0.04				
2	W-SPL	PL	297* 9	685		0.81	E	0.41	M	0.81		
26	W-SPL	TCB	M 22* 65			0.13	I	0.13				
JL7							E	0.53	I	0.17	M	1.04

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE CROSSBEAM SPLICE R54 JL8													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	F-SPL	PL	80* 9	297		0.10	E	0.05	M	0.10			
1	F-SPL	PL	220* 9	297		0.13	E	0.07	M	0.13			
8	F-SPL	TCB	M 22* 65			0.04	I	0.04					
2	W-SPL	PL	297* 9	556		0.66	E	0.33	M	0.66			
21	W-SPL	TCB	M 22* 65			0.11	I	0.11					
JL8							E	0.45	I	0.15	M	0.89	
R54							E	4.61	I	1.47	M	9.06	
CROSSBEAM SPLICE							E	250.58	I	80.33	M	492.56	
APPROACH BRIDGE							E	250.58	I	80.33	M	492.56	

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE INSPECTION WALKWAY G1 IN1-1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2		L	65* 65* 6	2188		1.11						HDG
2		L	65* 65* 6	65		0.04						HDG
4		L	65* 65* 6	900		0.90						HDG
1		L	65* 65* 6	1941		0.51						HDG
2		FB	65* 6	1231		0.37						HDG
2		FB	65* 6	545		0.14						HDG
1		EXP		600	2148	1.55						HDG
2		BN	M 12* 35			0.00						2-W,HDG
2		BN	M 12* 40			0.00						2-W,HDG
10		BN	M 12* 35			0.01						2-W,HDG
IN1-1												
4@ IN1-1												

APPROACH BRIDGE INSPECTION WALKWAY G1 IN1-2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2		L	65* 65* 6	2267		1.16						HDG
2		L	65* 65* 6	65		0.04						HDG
4		L	65* 65* 6	900		0.90						HDG
1		L	65* 65* 6	2020		0.51						HDG
2		FB	65* 6	1231		0.37						HDG
2		FB	65* 6	545		0.14						HDG
1		EXP		600	2227	1.55						HDG
2		BN	M 12* 35			0.00						2-W,HDG
2		BN	M 12* 40			0.00						2-W,HDG
10		BN	M 12* 35			0.01						2-W,HDG
IN1-2												

APPROACH BRIDGE INSPECTION WALKWAY G1 IN1-3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2		L	65* 65* 6	2267		1.16						HDG
2		L	65* 65* 6	65		0.04						HDG
4		L	65* 65* 6	900		0.90						HDG
1		L	65* 65* 6	2020		0.51						HDG
2		FB	65* 6	1231		0.37						HDG
2		FB	65* 6	545		0.14						HDG
1		EXP		600	2227	1.55						HDG
2		BN	M 12* 35			0.00						2-W,HDG

Caluculation of Steel Primer

(Unit: mm, m²)

2		BN	M 12* 40			0.00									2-W,HDG
10		BN	M 12* 35			0.01									2-W,HDG
IN1-3															

APPROACH BRIDGE INSPECTION WALKWAY G1 IN1-4															
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area								Remarks
2		L	65* 65* 6	2267		1.16									HDG
2		L	65* 65* 6	65		0.04									HDG
4		L	65* 65* 6	900		0.90									HDG
1		L	65* 65* 6	2020		0.51									HDG
2		FB	65* 6	1231		0.37									HDG
2		FB	65* 6	545		0.14									HDG
1		EXP		600	2227	1.55									HDG
2		BN	M 12* 35			0.00									2-W,HDG
2		BN	M 12* 40			0.00									2-W,HDG
10		BN	M 12* 35			0.01									2-W,HDG
IN1-4															

APPROACH BRIDGE INSPECTION WALKWAY G1 IN1-5															
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area								Remarks
2		L	65* 65* 6	2280		1.16									HDG
2		L	65* 65* 6	65		0.04									HDG
4		L	65* 65* 6	900		0.90									HDG
1		L	65* 65* 6	2033		0.51									HDG
2		FB	65* 6	1231		0.37									HDG
2		FB	65* 6	545		0.14									HDG
1		EXP		600	2240	1.63									HDG
2		BN	M 12* 35			0.00									2-W,HDG
2		BN	M 12* 40			0.00									2-W,HDG
10		BN	M 12* 35			0.01									2-W,HDG
IN1-5															
2@ IN1-5															

APPROACH BRIDGE INSPECTION WALKWAY G1 IN1-6															
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area								Remarks
2		L	65* 65* 6	2288		1.16									HDG
2		L	65* 65* 6	65		0.04									HDG
4		L	65* 65* 6	900		0.90									HDG

Calculation of Steel Primer

(Unit: mm, m²)

1	L	65* 65* 6	2041	0.51										HDG
2	FB	65* 6	1231	0.37										HDG
2	FB	65* 6	545	0.14										HDG
1	EXP		600	2248	1.63									HDG
2	BN	M 12* 35		0.00										2-W,HDG
2	BN	M 12* 40		0.00										2-W,HDG
10	BN	M 12* 35		0.01										2-W,HDG
IN1-6														
7@ IN1-6														

APPROACH BRIDGE INSPECTION WALKWAY G1 IN1-7															
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks	
2	L		65* 65* 6	2291		1.16									HDG
2	L		65* 65* 6	65		0.04									HDG
4	L		65* 65* 6	900		0.90									HDG
1	L		65* 65* 6	2044		0.51									HDG
2	FB		65* 6	1231		0.37									HDG
2	FB		65* 6	545		0.14									HDG
1	EXP			600	2251	1.63									HDG
2	BN		M 12* 35			0.00									2-W,HDG
2	BN		M 12* 40			0.00									2-W,HDG
10	BN		M 12* 35			0.01									2-W,HDG
IN1-7															

APPROACH BRIDGE INSPECTION WALKWAY G1 IN1-8															
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks	
2	L		65* 65* 6	2303		1.16									HDG
2	L		65* 65* 6	65		0.04									HDG
4	L		65* 65* 6	900		0.90									HDG
1	L		65* 65* 6	2056		0.51									HDG
2	FB		65* 6	1231		0.37									HDG
2	FB		65* 6	545		0.14									HDG
1	EXP			600	2263	1.63									HDG
2	BN		M 12* 35			0.00									2-W,HDG
2	BN		M 12* 40			0.00									2-W,HDG
10	BN		M 12* 35			0.01									2-W,HDG
IN1-8															

APPROACH BRIDGE INSPECTION WALKWAY G1 IN1-9														
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Caluculation of Steel Primer

(Unit: mm,m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
2		L	65* 65* 6	2307		1.16						HDG
2		L	65* 65* 6	65		0.04						HDG
4		L	65* 65* 6	900		0.90						HDG
1		L	65* 65* 6	2060		0.51						HDG
2		FB	65* 6	1231		0.37						HDG
2		FB	65* 6	545		0.14						HDG
1		EXP		600	2267	1.63						HDG
2		BN	M 12* 35			0.00						2-W,HDG
2		BN	M 12* 40			0.00						2-W,HDG
10		BN	M 12* 35			0.01						2-W,HDG
IN1-9												

APPROACH BRIDGE INSPECTION WALKWAY G1 IN1-10												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
2		L	65* 65* 6	2308		1.16						HDG
2		L	65* 65* 6	65		0.04						HDG
4		L	65* 65* 6	900		0.90						HDG
1		L	65* 65* 6	2061		0.51						HDG
2		FB	65* 6	1231		0.37						HDG
2		FB	65* 6	545		0.14						HDG
1		EXP		600	2268	1.63						HDG
2		BN	M 12* 35			0.00						2-W,HDG
2		BN	M 12* 40			0.00						2-W,HDG
10		BN	M 12* 35			0.01						2-W,HDG
IN1-10												

APPROACH BRIDGE INSPECTION WALKWAY G1 IN1-11												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
2		L	65* 65* 6	2308		1.16						HDG
2		L	65* 65* 6	65		0.04						HDG
4		L	65* 65* 6	900		0.90						HDG
1		L	65* 65* 6	2061		0.51						HDG
2		FB	65* 6	1231		0.37						HDG
2		FB	65* 6	545		0.14						HDG
1		EXP		600	2268	1.63						HDG
2		BN	M 12* 35			0.00						2-W,HDG
2		BN	M 12* 40			0.00						2-W,HDG
10		BN	M 12* 35			0.01						2-W,HDG

Caluculation of Steel Primer

(Unit: mm, m²)

IN1-11									
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APPROACH BRIDGE INSPECTION WALKWAY G1 IN1-12										
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area			Remarks
2		L	65* 65* 6	2308		1.16				HDG
2		L	65* 65* 6	65		0.04				HDG
4		L	65* 65* 6	900		0.90				HDG
1		L	65* 65* 6	2061		0.51				HDG
2		FB	65* 6	1231		0.37				HDG
2		FB	65* 6	545		0.14				HDG
1		EXP		600	2268	1.63				HDG
2		BN	M 12* 35			0.00				2-W,HDG
2		BN	M 12* 40			0.00				2-W,HDG
10		BN	M 12* 35			0.01				2-W,HDG
IN1-12										

APPROACH BRIDGE INSPECTION WALKWAY G1 IN1-13										
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area			Remarks
2		L	65* 65* 6	2308		1.16				HDG
2		L	65* 65* 6	65		0.04				HDG
4		L	65* 65* 6	900		0.90				HDG
1		L	65* 65* 6	2061		0.51				HDG
2		FB	65* 6	1231		0.37				HDG
2		FB	65* 6	545		0.14				HDG
1		EXP		600	2268	1.63				HDG
2		BN	M 12* 35			0.00				2-W,HDG
2		BN	M 12* 40			0.00				2-W,HDG
10		BN	M 12* 35			0.01				2-W,HDG
IN1-13										

APPROACH BRIDGE INSPECTION WALKWAY G1 IN1-14										
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area			Remarks
2		L	65* 65* 6	2308		1.16				HDG
2		L	65* 65* 6	65		0.04				HDG
4		L	65* 65* 6	900		0.90				HDG
1		L	65* 65* 6	2061		0.51				HDG
2		FB	65* 6	1231		0.37				HDG
2		FB	65* 6	545		0.14				HDG

Caluculation of Steel Primer

(Unit: mm, m²)

1		EXP		600	2268		1.63													HDG				
2		BN	M 12*	35			0.00													2-W,HDG				
2		BN	M 12*	40			0.00													2-W,HDG				
10		BN	M 12*	35			0.01													2-W,HDG				
IN1-14																								

APPROACH BRIDGE INSPECTION WALKWAY G1 IN1-15																								
Q'ty	Item	Category	Dimension of Section		Length	Net	Total Surface Area	Primer Area								Remarks								
2		L	65*	65*	6	2308	1.16													HDG				
2		L	65*	65*	6	65	0.04													HDG				
4		L	65*	65*	6	900	0.90													HDG				
1		L	65*	65*	6	2061	0.51													HDG				
2		FB	65*	6		1231	0.37													HDG				
2		FB	65*	6		545	0.14													HDG				
1		EXP				600	2268	1.63												HDG				
2		BN	M 12*	35			0.00													2-W,HDG				
2		BN	M 12*	40			0.00													2-W,HDG				
10		BN	M 12*	35			0.01													2-W,HDG				
IN1-15																								

APPROACH BRIDGE INSPECTION WALKWAY G1 IN1-16																								
Q'ty	Item	Category	Dimension of Section		Length	Net	Total Surface Area	Primer Area								Remarks								
2		L	65*	65*	6	2308	1.16													HDG				
2		L	65*	65*	6	65	0.04													HDG				
4		L	65*	65*	6	900	0.90													HDG				
1		L	65*	65*	6	2061	0.51													HDG				
2		FB	65*	6		1231	0.37													HDG				
2		FB	65*	6		545	0.14													HDG				
1		EXP				600	2268	1.63												HDG				
2		BN	M 12*	35			0.00													2-W,HDG				
2		BN	M 12*	40			0.00													2-W,HDG				
10		BN	M 12*	35			0.01													2-W,HDG				
IN1-16																								

APPROACH BRIDGE INSPECTION WALKWAY G1 IN1-17																				
Q'ty	Item	Category	Dimension of Section		Length	Net	Total Surface Area	Primer Area								Remarks				
2		L	65*	65*	6	2308	1.16													HDG
2		L	65*	65*	6	65	0.04													HDG

Caluculation of Steel Primer

(Unit: mm, m²)

4	L	65* 65* 6	900	0.90						HDG
1	L	65* 65* 6	2061	0.51						HDG
2	FB	65* 6	1231	0.37						HDG
2	FB	65* 6	545	0.14						HDG
1	EXP	600	2268	1.63						HDG
2	BN	M 12* 35		0.00						2-W,HDG
2	BN	M 12* 40		0.00						2-W,HDG
10	BN	M 12* 35		0.01						2-W,HDG
IN1-17										

APPROACH BRIDGE INSPECTION WALKWAY G1 IN1-18

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks
2	L		65* 65* 6	2309		1.16					HDG
2	L		65* 65* 6	65		0.04					HDG
4	L		65* 65* 6	900		0.90					HDG
1	L		65* 65* 6	2062		0.51					HDG
2	FB		65* 6	1231		0.37					HDG
2	FB		65* 6	545		0.14					HDG
1	EXP		600	2269		1.63					HDG
2	BN		M 12* 35			0.00					2-W,HDG
2	BN		M 12* 40			0.00					2-W,HDG
10	BN		M 12* 35			0.01					2-W,HDG
IN1-18											

APPROACH BRIDGE INSPECTION WALKWAY G1 IN1-19

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks
2	L		65* 65* 6	2309		1.16					HDG
2	L		65* 65* 6	65		0.04					HDG
4	L		65* 65* 6	900		0.90					HDG
1	L		65* 65* 6	2062		0.51					HDG
2	FB		65* 6	1231		0.37					HDG
2	FB		65* 6	545		0.14					HDG
1	EXP		600	2269		1.63					HDG
2	BN		M 12* 35			0.00					2-W,HDG
2	BN		M 12* 40			0.00					2-W,HDG
10	BN		M 12* 35			0.01					2-W,HDG
IN1-19											

APPROACH BRIDGE INSPECTION WALKWAY G1 IN1-20

Caluculation of Steel Primer

(Unit: mm,m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks	
2		L	65* 65* 6	2309		1.16							HDG
2		L	65* 65* 6	65		0.04							HDG
4		L	65* 65* 6	900		0.90							HDG
1		L	65* 65* 6	2062		0.51							HDG
2		FB	65* 6	1231		0.37							HDG
2		FB	65* 6	545		0.14							HDG
1		EXP		600	2269	1.63							HDG
2		BN	M 12* 35			0.00							2-W,HDG
2		BN	M 12* 40			0.00							2-W,HDG
10		BN	M 12* 35			0.01							2-W,HDG
IN1-20													

APPROACH BRIDGE INSPECTION WALKWAY G1 IN1-21													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks	
2		L	65* 65* 6	2309		1.16							HDG
2		L	65* 65* 6	65		0.04							HDG
4		L	65* 65* 6	900		0.90							HDG
1		L	65* 65* 6	2062		0.51							HDG
2		FB	65* 6	1231		0.37							HDG
2		FB	65* 6	545		0.14							HDG
1		EXP		600	2269	1.63							HDG
2		BN	M 12* 35			0.00							2-W,HDG
2		BN	M 12* 40			0.00							2-W,HDG
10		BN	M 12* 35			0.01							2-W,HDG
IN1-21													

APPROACH BRIDGE INSPECTION WALKWAY G1 IN1-22													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks	
2		L	65* 65* 6	2309		1.16							HDG
2		L	65* 65* 6	65		0.04							HDG
4		L	65* 65* 6	900		0.90							HDG
1		L	65* 65* 6	2062		0.51							HDG
2		FB	65* 6	1231		0.37							HDG
2		FB	65* 6	545		0.14							HDG
1		EXP		600	2269	1.63							HDG
2		BN	M 12* 35			0.00							2-W,HDG
2		BN	M 12* 40			0.00							2-W,HDG
10		BN	M 12* 35			0.01							2-W,HDG

Caluculation of Steel Primer

(Unit: mm, m²)

IN1-22									
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APPROACH BRIDGE INSPECTION WALKWAY G1 IN1-23										
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area			Remarks
2		L	65* 65* 6	2313		1.16				HDG
2		L	65* 65* 6	65		0.04				HDG
4		L	65* 65* 6	900		0.90				HDG
1		L	65* 65* 6	2066		0.51				HDG
2		FB	65* 6	1231		0.37				HDG
2		FB	65* 6	545		0.14				HDG
1		EXP		600	2273	1.63				HDG
2		BN	M 12* 35			0.00				2-W,HDG
2		BN	M 12* 40			0.00				2-W,HDG
10		BN	M 12* 35			0.01				2-W,HDG
IN1-23										
15@ IN1-23										

APPROACH BRIDGE INSPECTION WALKWAY G1 IN1-24										
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area			Remarks
2		L	65* 65* 6	2323		1.16				HDG
2		L	65* 65* 6	65		0.04				HDG
4		L	65* 65* 6	900		0.90				HDG
1		L	65* 65* 6	2076		0.51				HDG
2		FB	65* 6	1231		0.37				HDG
2		FB	65* 6	545		0.14				HDG
1		EXP		600	2283	1.63				HDG
2		BN	M 12* 35			0.00				2-W,HDG
2		BN	M 12* 40			0.00				2-W,HDG
10		BN	M 12* 35			0.01				2-W,HDG
IN1-24										

APPROACH BRIDGE INSPECTION WALKWAY G1 IN1-25										
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area			Remarks
2		L	65* 65* 6	2326		1.16				HDG
2		L	65* 65* 6	65		0.04				HDG
4		L	65* 65* 6	900		0.90				HDG
1		L	65* 65* 6	2079		0.51				HDG
2		FB	65* 6	1231		0.37				HDG

Caluculation of Steel Primer

(Unit: mm, m²)

2		FB	65* 6	545	0.14												HDG
1		EXP	600	2286	1.63												HDG
2		BN	M 12* 35		0.00												2-W,HDG
2		BN	M 12* 40		0.00												2-W,HDG
10		BN	M 12* 35		0.01												2-W,HDG
IN1-25																	
8@ IN1-25																	

APPROACH BRIDGE INSPECTION WALKWAY G1 IN1-26																		
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area										Remarks	
2		L	65* 65* 6	2330		1.20												HDG
2		L	65* 65* 6	65		0.04												HDG
4		L	65* 65* 6	900		0.90												HDG
1		L	65* 65* 6	2083		0.51												HDG
2		FB	65* 6	1231		0.37												HDG
2		FB	65* 6	545		0.14												HDG
1		EXP	600	2290		1.63												HDG
2		BN	M 12* 35			0.00												2-W,HDG
2		BN	M 12* 40			0.00												2-W,HDG
10		BN	M 12* 35			0.01												2-W,HDG
IN1-26																		

APPROACH BRIDGE INSPECTION WALKWAY G1 IN1-27																		
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area										Remarks	
2		L	65* 65* 6	2338		1.20												HDG
2		L	65* 65* 6	65		0.04												HDG
4		L	65* 65* 6	900		0.90												HDG
1		L	65* 65* 6	2091		0.51												HDG
2		FB	65* 6	1231		0.37												HDG
2		FB	65* 6	545		0.14												HDG
1		EXP	600	2298		1.63												HDG
2		BN	M 12* 35			0.00												2-W,HDG
2		BN	M 12* 40			0.00												2-W,HDG
10		BN	M 12* 35			0.01												2-W,HDG
IN1-27																		
24@ IN1-27																		

APPROACH BRIDGE INSPECTION WALKWAY G1 IN1-28																	

Caluculation of Steel Primer

(Unit: mm, m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
2		L	65* 65* 6	2349		1.20						HDG
2		L	65* 65* 6	65		0.04						HDG
4		L	65* 65* 6	900		0.90						HDG
1		L	65* 65* 6	2102		0.51						HDG
2		FB	65* 6	1231		0.37						HDG
2		FB	65* 6	545		0.14						HDG
1		EXP		600	2309	1.63						HDG
2		BN	M 12* 35			0.00						2-W,HDG
2		BN	M 12* 40			0.00						2-W,HDG
10		BN	M 12* 35			0.01						2-W,HDG
IN1-28												

APPROACH BRIDGE INSPECTION WALKWAY G1 IN1-29												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
2		L	65* 65* 6	2363		1.20						HDG
2		L	65* 65* 6	65		0.04						HDG
4		L	65* 65* 6	900		0.90						HDG
1		L	65* 65* 6	2116		0.51						HDG
2		FB	65* 6	1231		0.37						HDG
2		FB	65* 6	545		0.14						HDG
1		EXP		600	2323	1.63						HDG
2		BN	M 12* 35			0.00						2-W,HDG
2		BN	M 12* 40			0.00						2-W,HDG
10		BN	M 12* 35			0.01						2-W,HDG
IN1-29												
24@ IN1-29												

APPROACH BRIDGE INSPECTION WALKWAY G1 IN1-30												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
2		L	65* 65* 6	2374		1.20						HDG
2		L	65* 65* 6	65		0.04						HDG
4		L	65* 65* 6	900		0.90						HDG
1		L	65* 65* 6	2127		0.56						HDG
2		FB	65* 6	1231		0.37						HDG
2		FB	65* 6	545		0.14						HDG
1		EXP		600	2334	1.63						HDG
2		BN	M 12* 35			0.00						2-W,HDG
2		BN	M 12* 40			0.00						2-W,HDG
10		BN	M 12* 35			0.01						2-W,HDG

Caluculation of Steel Primer

(Unit: mm,m²)

IN1-30									
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APPROACH BRIDGE INSPECTION WALKWAY G1 IN1-31										
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area			Remarks
2		L	65* 65* 6	2377		1.20				HDG
2		L	65* 65* 6	65		0.04				HDG
4		L	65* 65* 6	900		0.90				HDG
1		L	65* 65* 6	2130		0.56				HDG
2		FB	65* 6	1231		0.37				HDG
2		FB	65* 6	545		0.14				HDG
1		EXP		600	2337	1.63				HDG
2		BN	M 12* 35			0.00				2-W,HDG
2		BN	M 12* 40			0.00				2-W,HDG
10		BN	M 12* 35			0.01				2-W,HDG
IN1-31										
G1										

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE INSPECTION WALKWAY G2 IN2-1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2		L	65* 65* 6	2183		1.11						HDG
2		L	65* 65* 6	65		0.04						HDG
4		L	65* 65* 6	900		0.90						HDG
1		L	65* 65* 6	1936		0.47						HDG
2		FB	65* 6	1231		0.37						HDG
2		FB	65* 6	545		0.14						HDG
1		EXP		600	2143	1.55						HDG
2		BN	M 12* 35			0.00						2-W,HDG
2		BN	M 12* 40			0.00						2-W,HDG
10		BN	M 12* 35			0.01						2-W,HDG
IN2-1												
4@ IN2-1												

APPROACH BRIDGE INSPECTION WALKWAY G2 IN2-2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2		L	65* 65* 6	2280		1.16						HDG
2		L	65* 65* 6	65		0.04						HDG
4		L	65* 65* 6	900		0.90						HDG
1		L	65* 65* 6	2033		0.51						HDG
2		FB	65* 6	1231		0.37						HDG
2		FB	65* 6	545		0.14						HDG
1		EXP		600	2240	1.63						HDG
2		BN	M 12* 35			0.00						2-W,HDG
2		BN	M 12* 40			0.00						2-W,HDG
10		BN	M 12* 35			0.01						2-W,HDG
IN2-2												
2@ IN2-2												

APPROACH BRIDGE INSPECTION WALKWAY G2 IN2-3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2		L	65* 65* 6	2284		1.16						HDG
2		L	65* 65* 6	65		0.04						HDG
4		L	65* 65* 6	900		0.90						HDG
1		L	65* 65* 6	2037		0.51						HDG
2		FB	65* 6	1231		0.37						HDG
2		FB	65* 6	545		0.14						HDG
1		EXP		600	2244	1.63						HDG

Caluculation of Steel Primer

(Unit: mm, m²)

4	L	65* 65* 6	900	0.90													HDG
1	L	65* 65* 6	2049	0.51													HDG
2	FB	65* 6	1231	0.37													HDG
2	FB	65* 6	545	0.14													HDG
1	EXP		600	2256	1.63												HDG
2	BN	M 12* 35		0.00													2-W,HDG
2	BN	M 12* 40		0.00													2-W,HDG
10	BN	M 12* 35		0.01													2-W,HDG
IN2-6																	

APPROACH BRIDGE INSPECTION WALKWAY G2 IN2-7

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area								Remarks		
2	L	65* 65* 6	2296	1.16													HDG
2	L	65* 65* 6	65	0.04													HDG
4	L	65* 65* 6	900	0.90													HDG
1	L	65* 65* 6	2049	0.51													HDG
2	FB	65* 6	1231	0.37													HDG
2	FB	65* 6	545	0.14													HDG
1	EXP		600	2256	1.63												HDG
2	BN	M 12* 35		0.00													2-W,HDG
2	BN	M 12* 40		0.00													2-W,HDG
10	BN	M 12* 35		0.01													2-W,HDG
IN2-7																	

APPROACH BRIDGE INSPECTION WALKWAY G2 IN2-8

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area								Remarks		
2	L	65* 65* 6	2297	1.16													HDG
2	L	65* 65* 6	65	0.04													HDG
4	L	65* 65* 6	900	0.90													HDG
1	L	65* 65* 6	2050	0.51													HDG
2	FB	65* 6	1231	0.37													HDG
2	FB	65* 6	545	0.14													HDG
1	EXP		600	2257	1.63												HDG
2	BN	M 12* 35		0.00													2-W,HDG
2	BN	M 12* 40		0.00													2-W,HDG
10	BN	M 12* 35		0.01													2-W,HDG
IN2-8																	

APPROACH BRIDGE INSPECTION WALKWAY G2 IN2-9

Caluculation of Steel Primer

(Unit: mm,m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks	
2		L	65* 65* 6	2306		1.16							HDG
2		L	65* 65* 6	65		0.04							HDG
4		L	65* 65* 6	900		0.90							HDG
1		L	65* 65* 6	2059		0.51							HDG
2		FB	65* 6	1231		0.37							HDG
2		FB	65* 6	545		0.14							HDG
1		EXP		600	2266	1.63							HDG
2		BN	M 12* 35			0.00							2-W,HDG
2		BN	M 12* 40			0.00							2-W,HDG
10		BN	M 12* 35			0.01							2-W,HDG
IN2-9													

APPROACH BRIDGE INSPECTION WALKWAY G2 IN2-10													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks	
2		L	65* 65* 6	2307		1.16							HDG
2		L	65* 65* 6	65		0.04							HDG
4		L	65* 65* 6	900		0.90							HDG
1		L	65* 65* 6	2060		0.51							HDG
2		FB	65* 6	1231		0.37							HDG
2		FB	65* 6	545		0.14							HDG
1		EXP		600	2267	1.63							HDG
2		BN	M 12* 35			0.00							2-W,HDG
2		BN	M 12* 40			0.00							2-W,HDG
10		BN	M 12* 35			0.01							2-W,HDG
IN2-10													
2@ IN2-10													

APPROACH BRIDGE INSPECTION WALKWAY G2 IN2-11													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks	
2		L	65* 65* 6	2308		1.16							HDG
2		L	65* 65* 6	65		0.04							HDG
4		L	65* 65* 6	900		0.90							HDG
1		L	65* 65* 6	2061		0.51							HDG
2		FB	65* 6	1231		0.37							HDG
2		FB	65* 6	545		0.14							HDG
1		EXP		600	2268	1.63							HDG
2		BN	M 12* 35			0.00							2-W,HDG
2		BN	M 12* 40			0.00							2-W,HDG

Caluculation of Steel Primer

(Unit: mm, m²)

10		BN	M 12* 35			0.01										2-W,HDG
IN2-11																

APPROACH BRIDGE INSPECTION WALKWAY G2 IN2-12																
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks		
2		L	65* 65* 6	2308		1.16										HDG
2		L	65* 65* 6	65		0.04										HDG
4		L	65* 65* 6	900		0.90										HDG
1		L	65* 65* 6	2061		0.51										HDG
2		FB	65* 6	1231		0.37										HDG
2		FB	65* 6	545		0.14										HDG
1		EXP		600	2268	1.63										HDG
2		BN	M 12* 35			0.00										2-W,HDG
2		BN	M 12* 40			0.00										2-W,HDG
10		BN	M 12* 35			0.01										2-W,HDG
IN2-12																

APPROACH BRIDGE INSPECTION WALKWAY G2 IN2-13																
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks		
2		L	65* 65* 6	2308		1.16										HDG
2		L	65* 65* 6	65		0.04										HDG
4		L	65* 65* 6	900		0.90										HDG
1		L	65* 65* 6	2061		0.51										HDG
2		FB	65* 6	1231		0.37										HDG
2		FB	65* 6	545		0.14										HDG
1		EXP		600	2268	1.63										HDG
2		BN	M 12* 35			0.00										2-W,HDG
2		BN	M 12* 40			0.00										2-W,HDG
10		BN	M 12* 35			0.01										2-W,HDG
IN2-13																

APPROACH BRIDGE INSPECTION WALKWAY G2 IN2-14																
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks		
2		L	65* 65* 6	2308		1.16										HDG
2		L	65* 65* 6	65		0.04										HDG
4		L	65* 65* 6	900		0.90										HDG
1		L	65* 65* 6	2061		0.51										HDG
2		FB	65* 6	1231		0.37										HDG

Caluculation of Steel Primer

(Unit: mm, m²)

2		FB	65* 6		545		0.14									HDG
1		EXP		600	2268		1.63									HDG
2		BN	M 12* 35				0.00									2-W,HDG
2		BN	M 12* 40				0.00									2-W,HDG
10		BN	M 12* 35				0.01									2-W,HDG
IN2-14																

APPROACH BRIDGE INSPECTION WALKWAY G2 IN2-15

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks		
2		L	65* 65* 6	2308		1.16										HDG
2		L	65* 65* 6	65		0.04										HDG
4		L	65* 65* 6	900		0.90										HDG
1		L	65* 65* 6	2061		0.51										HDG
2		FB	65* 6	1231		0.37										HDG
2		FB	65* 6	545		0.14										HDG
1		EXP		600	2268		1.63									HDG
2		BN	M 12* 35				0.00									2-W,HDG
2		BN	M 12* 40				0.00									2-W,HDG
10		BN	M 12* 35				0.01									2-W,HDG
IN2-15																

APPROACH BRIDGE INSPECTION WALKWAY G2 IN2-16

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks		
2		L	65* 65* 6	2308		1.16										HDG
2		L	65* 65* 6	65		0.04										HDG
4		L	65* 65* 6	900		0.90										HDG
1		L	65* 65* 6	2061		0.51										HDG
2		FB	65* 6	1231		0.37										HDG
2		FB	65* 6	545		0.14										HDG
1		EXP		600	2268		1.63									HDG
2		BN	M 12* 35				0.00									2-W,HDG
2		BN	M 12* 40				0.00									2-W,HDG
10		BN	M 12* 35				0.01									2-W,HDG
IN2-16																

APPROACH BRIDGE INSPECTION WALKWAY G2 IN2-17

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks		
2		L	65* 65* 6	2308		1.16										HDG

Caluculation of Steel Primer

(Unit: mm, m²)

2	L	65* 65* 6	65	0.04									HDG
4	L	65* 65* 6	900	0.90									HDG
1	L	65* 65* 6	2061	0.51									HDG
2	FB	65* 6	1231	0.37									HDG
2	FB	65* 6	545	0.14									HDG
1	EXP	600	2268	1.63									HDG
2	BN	M 12* 35		0.00									2-W,HDG
2	BN	M 12* 40		0.00									2-W,HDG
10	BN	M 12* 35		0.01									2-W,HDG
IN2-17													

APPROACH BRIDGE INSPECTION WALKWAY G2 IN2-18													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	L		65* 65* 6	2308		1.16							HDG
2	L		65* 65* 6	65		0.04							HDG
4	L		65* 65* 6	900		0.90							HDG
1	L		65* 65* 6	2061		0.51							HDG
2	FB		65* 6	1231		0.37							HDG
2	FB		65* 6	545		0.14							HDG
1	EXP		600	2268		1.63							HDG
2	BN		M 12* 35			0.00							2-W,HDG
2	BN		M 12* 40			0.00							2-W,HDG
10	BN		M 12* 35			0.01							2-W,HDG
IN2-18													

APPROACH BRIDGE INSPECTION WALKWAY G2 IN2-19													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2	L		65* 65* 6	2309		1.16							HDG
2	L		65* 65* 6	65		0.04							HDG
4	L		65* 65* 6	900		0.90							HDG
1	L		65* 65* 6	2062		0.51							HDG
2	FB		65* 6	1231		0.37							HDG
2	FB		65* 6	545		0.14							HDG
1	EXP		600	2269		1.63							HDG
2	BN		M 12* 35			0.00							2-W,HDG
2	BN		M 12* 40			0.00							2-W,HDG
10	BN		M 12* 35			0.01							2-W,HDG
IN2-19													
16@ IN2-19													

APPROACH BRIDGE INSPECTION WALKWAY G2 IN2-20											
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks
2		L	65* 65* 6	2309		1.16					HDG
2		L	65* 65* 6	65		0.04					HDG
4		L	65* 65* 6	900		0.90					HDG
1		L	65* 65* 6	2062		0.51					HDG
2		FB	65* 6	1231		0.37					HDG
2		FB	65* 6	545		0.14					HDG
1		EXP		600	2269	1.63					HDG
2		BN	M 12* 35			0.00					2-W,HDG
2		BN	M 12* 40			0.00					2-W,HDG
10		BN	M 12* 35			0.01					2-W,HDG
IN2-20											

APPROACH BRIDGE INSPECTION WALKWAY G2 IN2-21											
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks
2		L	65* 65* 6	2309		1.16					HDG
2		L	65* 65* 6	65		0.04					HDG
4		L	65* 65* 6	900		0.90					HDG
1		L	65* 65* 6	2062		0.51					HDG
2		FB	65* 6	1231		0.37					HDG
2		FB	65* 6	545		0.14					HDG
1		EXP		600	2269	1.63					HDG
2		BN	M 12* 35			0.00					2-W,HDG
2		BN	M 12* 40			0.00					2-W,HDG
10		BN	M 12* 35			0.01					2-W,HDG
IN2-21											

APPROACH BRIDGE INSPECTION WALKWAY G2 IN2-22											
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks
2		L	65* 65* 6	2309		1.16					HDG
2		L	65* 65* 6	65		0.04					HDG
4		L	65* 65* 6	900		0.90					HDG
1		L	65* 65* 6	2062		0.51					HDG
2		FB	65* 6	1231		0.37					HDG
2		FB	65* 6	545		0.14					HDG
1		EXP		600	2269	1.63					HDG
2		BN	M 12* 35			0.00					2-W,HDG

Calculation of Steel Primer

(Unit: mm, m²)

2		BN	M 12* 40			0.00							2-W,HDG
10		BN	M 12* 35			0.01							2-W,HDG
IN2-22													

APPROACH BRIDGE INSPECTION WALKWAY G2 IN2-23													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2		L	65* 65* 6	2309		1.16							HDG
2		L	65* 65* 6	65		0.04							HDG
4		L	65* 65* 6	900		0.90							HDG
1		L	65* 65* 6	2062		0.51							HDG
2		FB	65* 6	1231		0.37							HDG
2		FB	65* 6	545		0.14							HDG
1		EXP		600	2269	1.63							HDG
2		BN	M 12* 35			0.00							2-W,HDG
2		BN	M 12* 40			0.00							2-W,HDG
10		BN	M 12* 35			0.01							2-W,HDG
IN2-23													

APPROACH BRIDGE INSPECTION WALKWAY G2 IN2-24													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2		L	65* 65* 6	2315		1.16							HDG
2		L	65* 65* 6	65		0.04							HDG
4		L	65* 65* 6	900		0.90							HDG
1		L	65* 65* 6	2068		0.51							HDG
2		FB	65* 6	1231		0.37							HDG
2		FB	65* 6	545		0.14							HDG
1		EXP		600	2275	1.63							HDG
2		BN	M 12* 35			0.00							2-W,HDG
2		BN	M 12* 40			0.00							2-W,HDG
10		BN	M 12* 35			0.01							2-W,HDG
IN2-24													

APPROACH BRIDGE INSPECTION WALKWAY G2 IN2-25													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks
2		L	65* 65* 6	2320		1.16							HDG
2		L	65* 65* 6	65		0.04							HDG
4		L	65* 65* 6	900		0.90							HDG
1		L	65* 65* 6	2073		0.51							HDG

Caluculation of Steel Primer

(Unit: mm,m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
2		L	65* 65* 6	2334		1.20						HDG
2		L	65* 65* 6	65		0.04						HDG
4		L	65* 65* 6	900		0.90						HDG
1		L	65* 65* 6	2087		0.51						HDG
2		FB	65* 6	1231		0.37						HDG
2		FB	65* 6	545		0.14						HDG
1		EXP		600	2294	1.63						HDG
2		BN	M 12* 35			0.00						2-W,HDG
2		BN	M 12* 40			0.00						2-W,HDG
10		BN	M 12* 35			0.01						2-W,HDG
IN2-28												
24@ IN2-28												

APPROACH BRIDGE INSPECTION WALKWAY G2 IN2-29												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
2		L	65* 65* 6	2359		1.20						HDG
2		L	65* 65* 6	65		0.04						HDG
4		L	65* 65* 6	900		0.90						HDG
1		L	65* 65* 6	2112		0.51						HDG
2		FB	65* 6	1231		0.37						HDG
2		FB	65* 6	545		0.14						HDG
1		EXP		600	2319	1.63						HDG
2		BN	M 12* 35			0.00						2-W,HDG
2		BN	M 12* 40			0.00						2-W,HDG
10		BN	M 12* 35			0.01						2-W,HDG
IN2-29												
24@ IN2-29												
G2												

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE INSPECTION WALKWAY G3 IN3-1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2		L	65* 65* 6	2177		1.11						HDG
2		L	65* 65* 6	65		0.04						HDG
4		L	65* 65* 6	900		0.90						HDG
1		L	65* 65* 6	1930		0.47						HDG
2		FB	65* 6	1231		0.37						HDG
2		FB	65* 6	545		0.14						HDG
1		EXP		600	2137	1.55						HDG
2		BN	M 12* 35			0.00						2-W,HDG
2		BN	M 12* 40			0.00						2-W,HDG
10		BN	M 12* 35			0.01						2-W,HDG
IN3-1												
4@ IN3-1												

APPROACH BRIDGE INSPECTION WALKWAY G3 IN3-2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2		L	65* 65* 6	2268		1.16						HDG
2		L	65* 65* 6	65		0.04						HDG
4		L	65* 65* 6	900		0.90						HDG
1		L	65* 65* 6	2021		0.51						HDG
2		FB	65* 6	1231		0.37						HDG
2		FB	65* 6	545		0.14						HDG
1		EXP		600	2228	1.55						HDG
2		BN	M 12* 35			0.00						2-W,HDG
2		BN	M 12* 40			0.00						2-W,HDG
10		BN	M 12* 35			0.01						2-W,HDG
IN3-2												

APPROACH BRIDGE INSPECTION WALKWAY G3 IN3-3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2		L	65* 65* 6	2275		1.16						HDG
2		L	65* 65* 6	65		0.04						HDG
4		L	65* 65* 6	900		0.90						HDG
1		L	65* 65* 6	2028		0.51						HDG
2		FB	65* 6	1231		0.37						HDG
2		FB	65* 6	545		0.14						HDG
1		EXP		600	2235	1.55						HDG
2		BN	M 12* 35			0.00						2-W,HDG

Caluculation of Steel Primer

(Unit: mm, m²)

2		BN	M 12* 40			0.00									2-W,HDG
10		BN	M 12* 35			0.01									2-W,HDG
IN3-3															

APPROACH BRIDGE INSPECTION WALKWAY G3 IN3-4															
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks	
2		L	65* 65* 6	2277		1.16									HDG
2		L	65* 65* 6	65		0.04									HDG
4		L	65* 65* 6	900		0.90									HDG
1		L	65* 65* 6	2030		0.51									HDG
2		FB	65* 6	1231		0.37									HDG
2		FB	65* 6	545		0.14									HDG
1		EXP		600	2237	1.63									HDG
2		BN	M 12* 35			0.00									2-W,HDG
2		BN	M 12* 40			0.00									2-W,HDG
10		BN	M 12* 35			0.01									2-W,HDG
IN3-4															
7@ IN3-4															

APPROACH BRIDGE INSPECTION WALKWAY G3 IN3-5															
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks	
2		L	65* 65* 6	2280		1.16									HDG
2		L	65* 65* 6	65		0.04									HDG
4		L	65* 65* 6	900		0.90									HDG
1		L	65* 65* 6	2033		0.51									HDG
2		FB	65* 6	1231		0.37									HDG
2		FB	65* 6	545		0.14									HDG
1		EXP		600	2240	1.63									HDG
2		BN	M 12* 35			0.00									2-W,HDG
2		BN	M 12* 40			0.00									2-W,HDG
10		BN	M 12* 35			0.01									2-W,HDG
IN3-5															
2@ IN3-5															

APPROACH BRIDGE INSPECTION WALKWAY G3 IN3-6															
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks	
2		L	65* 65* 6	2283		1.16									HDG
2		L	65* 65* 6	65		0.04									HDG

Caluculation of Steel Primer

(Unit: mm, m²)

4	L	65* 65* 6	900	0.90															HDG
1	L	65* 65* 6	2036	0.51															HDG
2	FB	65* 6	1231	0.37															HDG
2	FB	65* 6	545	0.14															HDG
1	EXP		600	2243	1.63														HDG
2	BN	M 12* 35		0.00															2-W,HDG
2	BN	M 12* 40		0.00															2-W,HDG
10	BN	M 12* 35		0.01															2-W,HDG
IN3-6																			

APPROACH BRIDGE INSPECTION WALKWAY G3 IN3-7																			
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area										Remarks		
2	L		65* 65* 6	2287		1.16													HDG
2	L		65* 65* 6	65		0.04													HDG
4	L		65* 65* 6	900		0.90													HDG
1	L		65* 65* 6	2040		0.51													HDG
2	FB		65* 6	1231		0.37													HDG
2	FB		65* 6	545		0.14													HDG
1	EXP			600	2247	1.63													HDG
2	BN		M 12* 35			0.00													2-W,HDG
2	BN		M 12* 40			0.00													2-W,HDG
10	BN		M 12* 35			0.01													2-W,HDG
IN3-7																			

APPROACH BRIDGE INSPECTION WALKWAY G3 IN3-8																			
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area										Remarks		
2	L		65* 65* 6	2293		1.16													HDG
2	L		65* 65* 6	65		0.04													HDG
4	L		65* 65* 6	900		0.90													HDG
1	L		65* 65* 6	2046		0.51													HDG
2	FB		65* 6	1231		0.37													HDG
2	FB		65* 6	545		0.14													HDG
1	EXP			600	2253	1.63													HDG
2	BN		M 12* 35			0.00													2-W,HDG
2	BN		M 12* 40			0.00													2-W,HDG
10	BN		M 12* 35			0.01													2-W,HDG
IN3-8																			

APPROACH BRIDGE INSPECTION WALKWAY G3 IN3-9																			
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Caluculation of Steel Primer

(Unit: mm,m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
2		L	65* 65* 6	2293		1.16						HDG
2		L	65* 65* 6	65		0.04						HDG
4		L	65* 65* 6	900		0.90						HDG
1		L	65* 65* 6	2046		0.51						HDG
2		FB	65* 6	1231		0.37						HDG
2		FB	65* 6	545		0.14						HDG
1		EXP		600	2253	1.63						HDG
2		BN	M 12* 35			0.00						2-W,HDG
2		BN	M 12* 40			0.00						2-W,HDG
10		BN	M 12* 35			0.01						2-W,HDG
IN3-9												

APPROACH BRIDGE INSPECTION WALKWAY G3 IN3-10												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
2		L	65* 65* 6	2293		1.16						HDG
2		L	65* 65* 6	65		0.04						HDG
4		L	65* 65* 6	900		0.90						HDG
1		L	65* 65* 6	2046		0.51						HDG
2		FB	65* 6	1231		0.37						HDG
2		FB	65* 6	545		0.14						HDG
1		EXP		600	2253	1.63						HDG
2		BN	M 12* 35			0.00						2-W,HDG
2		BN	M 12* 40			0.00						2-W,HDG
10		BN	M 12* 35			0.01						2-W,HDG
IN3-10												

APPROACH BRIDGE INSPECTION WALKWAY G3 IN3-11												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
2		L	65* 65* 6	2302		1.16						HDG
2		L	65* 65* 6	65		0.04						HDG
4		L	65* 65* 6	900		0.90						HDG
1		L	65* 65* 6	2055		0.51						HDG
2		FB	65* 6	1231		0.37						HDG
2		FB	65* 6	545		0.14						HDG
1		EXP		600	2262	1.63						HDG
2		BN	M 12* 35			0.00						2-W,HDG
2		BN	M 12* 40			0.00						2-W,HDG
10		BN	M 12* 35			0.01						2-W,HDG

Caluculation of Steel Primer

(Unit: mm, m²)

IN3-11										
15@ IN3-11										

APPROACH BRIDGE INSPECTION WALKWAY G3 IN3-12											
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks
2		L	65* 65* 6	2302		1.16					HDG
2		L	65* 65* 6	65		0.04					HDG
4		L	65* 65* 6	900		0.90					HDG
1		L	65* 65* 6	2055		0.51					HDG
2		FB	65* 6	1231		0.37					HDG
2		FB	65* 6	545		0.14					HDG
1		EXP		600	2262	1.63					HDG
2		BN	M 12* 35			0.00					2-W,HDG
2		BN	M 12* 40			0.00					2-W,HDG
10		BN	M 12* 35			0.01					2-W,HDG
IN3-12											

APPROACH BRIDGE INSPECTION WALKWAY G3 IN3-13											
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks
2		L	65* 65* 6	2302		1.16					HDG
2		L	65* 65* 6	65		0.04					HDG
4		L	65* 65* 6	900		0.90					HDG
1		L	65* 65* 6	2055		0.51					HDG
2		FB	65* 6	1231		0.37					HDG
2		FB	65* 6	545		0.14					HDG
1		EXP		600	2262	1.63					HDG
2		BN	M 12* 35			0.00					2-W,HDG
2		BN	M 12* 40			0.00					2-W,HDG
10		BN	M 12* 35			0.01					2-W,HDG
IN3-13											

APPROACH BRIDGE INSPECTION WALKWAY G3 IN3-14											
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks
2		L	65* 65* 6	2302		1.16					HDG
2		L	65* 65* 6	65		0.04					HDG
4		L	65* 65* 6	900		0.90					HDG
1		L	65* 65* 6	2055		0.51					HDG
2		FB	65* 6	1231		0.37					HDG

Caluculation of Steel Primer

(Unit: mm, m²)

2		FB	65* 6	545		0.14								HDG
1		EXP		600	2262	1.63								HDG
2		BN	M 12* 35			0.00								2-W,HDG
2		BN	M 12* 40			0.00								2-W,HDG
10		BN	M 12* 35			0.01								2-W,HDG
IN3-14														

APPROACH BRIDGE INSPECTION WALKWAY G3 IN3-15														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
2		L	65* 65* 6	2303		1.16								HDG
2		L	65* 65* 6	65		0.04								HDG
4		L	65* 65* 6	900		0.90								HDG
1		L	65* 65* 6	2056		0.51								HDG
2		FB	65* 6	1231		0.37								HDG
2		FB	65* 6	545		0.14								HDG
1		EXP		600	2263	1.63								HDG
2		BN	M 12* 35			0.00								2-W,HDG
2		BN	M 12* 40			0.00								2-W,HDG
10		BN	M 12* 35			0.01								2-W,HDG
IN3-15														

APPROACH BRIDGE INSPECTION WALKWAY G3 IN3-16														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
2		L	65* 65* 6	2303		1.16								HDG
2		L	65* 65* 6	65		0.04								HDG
4		L	65* 65* 6	900		0.90								HDG
1		L	65* 65* 6	2056		0.51								HDG
2		FB	65* 6	1231		0.37								HDG
2		FB	65* 6	545		0.14								HDG
1		EXP		600	2263	1.63								HDG
2		BN	M 12* 35			0.00								2-W,HDG
2		BN	M 12* 40			0.00								2-W,HDG
10		BN	M 12* 35			0.01								2-W,HDG
IN3-16														

APPROACH BRIDGE INSPECTION WALKWAY G3 IN3-17														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
2		L	65* 65* 6	2303		1.16								HDG

Caluculation of Steel Primer

(Unit: mm,m²)

2	L	65* 65* 6	65	0.04													HDG
4	L	65* 65* 6	900	0.90													HDG
1	L	65* 65* 6	2056	0.51													HDG
2	FB	65* 6	1231	0.37													HDG
2	FB	65* 6	545	0.14													HDG
1	EXP		600	2263	1.63												HDG
2	BN	M 12* 35			0.00												2-W,HDG
2	BN	M 12* 40			0.00												2-W,HDG
10	BN	M 12* 35			0.01												2-W,HDG
IN3-17																	

APPROACH BRIDGE INSPECTION WALKWAY G3 IN3-18																	
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area										Remarks
2	L	65* 65* 6	2303			1.16											HDG
2	L	65* 65* 6	65			0.04											HDG
4	L	65* 65* 6	900			0.90											HDG
1	L	65* 65* 6	2056			0.51											HDG
2	FB	65* 6	1231			0.37											HDG
2	FB	65* 6	545			0.14											HDG
1	EXP		600	2263	1.63												HDG
2	BN	M 12* 35				0.00											2-W,HDG
2	BN	M 12* 40				0.00											2-W,HDG
10	BN	M 12* 35				0.01											2-W,HDG
IN3-18																	

APPROACH BRIDGE INSPECTION WALKWAY G3 IN3-19																	
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area										Remarks
2	L	65* 65* 6	2303			1.16											HDG
2	L	65* 65* 6	65			0.04											HDG
4	L	65* 65* 6	900			0.90											HDG
1	L	65* 65* 6	2056			0.51											HDG
2	FB	65* 6	1231			0.37											HDG
2	FB	65* 6	545			0.14											HDG
1	EXP		600	2263	1.63												HDG
2	BN	M 12* 35				0.00											2-W,HDG
2	BN	M 12* 40				0.00											2-W,HDG
10	BN	M 12* 35				0.01											2-W,HDG
IN3-19																	

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE INSPECTION WALKWAY G3 IN3-20												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2		L	65* 65* 6	2303		1.16						HDG
2		L	65* 65* 6	65		0.04						HDG
4		L	65* 65* 6	900		0.90						HDG
1		L	65* 65* 6	2056		0.51						HDG
2		FB	65* 6	1231		0.37						HDG
2		FB	65* 6	545		0.14						HDG
1		EXP		600	2263	1.63						HDG
2		BN	M 12* 35			0.00						2-W,HDG
2		BN	M 12* 40			0.00						2-W,HDG
10		BN	M 12* 35			0.01						2-W,HDG
IN3-20												

APPROACH BRIDGE INSPECTION WALKWAY G3 IN3-21												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2		L	65* 65* 6	2303		1.16						HDG
2		L	65* 65* 6	65		0.04						HDG
4		L	65* 65* 6	900		0.90						HDG
1		L	65* 65* 6	2056		0.51						HDG
2		FB	65* 6	1231		0.37						HDG
2		FB	65* 6	545		0.14						HDG
1		EXP		600	2263	1.63						HDG
2		BN	M 12* 35			0.00						2-W,HDG
2		BN	M 12* 40			0.00						2-W,HDG
10		BN	M 12* 35			0.01						2-W,HDG
IN3-21												

APPROACH BRIDGE INSPECTION WALKWAY G3 IN3-22												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2		L	65* 65* 6	2303		1.16						HDG
2		L	65* 65* 6	65		0.04						HDG
4		L	65* 65* 6	900		0.90						HDG
1		L	65* 65* 6	2056		0.51						HDG
2		FB	65* 6	1231		0.37						HDG
2		FB	65* 6	545		0.14						HDG
1		EXP		600	2263	1.63						HDG
2		BN	M 12* 35			0.00						2-W,HDG
2		BN	M 12* 40			0.00						2-W,HDG

Caluculation of Steel Primer

(Unit: mm, m²)

10		BN	M 12* 35			0.01										2-W,HDG
IN3-22																

APPROACH BRIDGE INSPECTION WALKWAY G3 IN3-23																
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area								Remarks	
2		L	65* 65* 6	2304		1.16										HDG
2		L	65* 65* 6	65		0.04										HDG
4		L	65* 65* 6	900		0.90										HDG
1		L	65* 65* 6	2057		0.51										HDG
2		FB	65* 6	1231		0.37										HDG
2		FB	65* 6	545		0.14										HDG
1		EXP		600	2264	1.63										HDG
2		BN	M 12* 35			0.00										2-W,HDG
2		BN	M 12* 40			0.00										2-W,HDG
10		BN	M 12* 35			0.01										2-W,HDG
IN3-23																

APPROACH BRIDGE INSPECTION WALKWAY G3 IN3-24																
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area								Remarks	
2		L	65* 65* 6	2304		1.16										HDG
2		L	65* 65* 6	65		0.04										HDG
4		L	65* 65* 6	900		0.90										HDG
1		L	65* 65* 6	2057		0.51										HDG
2		FB	65* 6	1231		0.37										HDG
2		FB	65* 6	545		0.14										HDG
1		EXP		600	2264	1.63										HDG
2		BN	M 12* 35			0.00										2-W,HDG
2		BN	M 12* 40			0.00										2-W,HDG
10		BN	M 12* 35			0.01										2-W,HDG
IN3-24																

APPROACH BRIDGE INSPECTION WALKWAY G3 IN3-25																
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area								Remarks	
2		L	65* 65* 6	2304		1.16										HDG
2		L	65* 65* 6	65		0.04										HDG
4		L	65* 65* 6	900		0.90										HDG
1		L	65* 65* 6	2057		0.51										HDG
2		FB	65* 6	1231		0.37										HDG

Caluculation of Steel Primer

(Unit: mm,m²)

2		FB	65* 6	545	0.14																	HDG	
1		EXP		600	2264	1.63																	HDG
2		BN	M 12* 35			0.00																	2-W,HDG
2		BN	M 12* 40			0.00																	2-W,HDG
10		BN	M 12* 35			0.01																	2-W,HDG
IN3-25																							

APPROACH BRIDGE INSPECTION WALKWAY G3 IN3-26																							
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area										Remarks						
2		L	65* 65* 6	2304		1.16																	HDG
2		L	65* 65* 6	65		0.04																	HDG
4		L	65* 65* 6	900		0.90																	HDG
1		L	65* 65* 6	2057		0.51																	HDG
2		FB	65* 6	1231		0.37																	HDG
2		FB	65* 6	545		0.14																	HDG
1		EXP		600	2264	1.63																	HDG
2		BN	M 12* 35			0.00																	2-W,HDG
2		BN	M 12* 40			0.00																	2-W,HDG
10		BN	M 12* 35			0.01																	2-W,HDG
IN3-26																							

APPROACH BRIDGE INSPECTION WALKWAY G3 IN3-27																							
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area										Remarks						
2		L	65* 65* 6	2307		1.16																	HDG
2		L	65* 65* 6	65		0.04																	HDG
4		L	65* 65* 6	900		0.90																	HDG
1		L	65* 65* 6	2060		0.51																	HDG
2		FB	65* 6	1231		0.37																	HDG
2		FB	65* 6	545		0.14																	HDG
1		EXP		600	2267	1.63																	HDG
2		BN	M 12* 35			0.00																	2-W,HDG
2		BN	M 12* 40			0.00																	2-W,HDG
10		BN	M 12* 35			0.01																	2-W,HDG
IN3-27																							

APPROACH BRIDGE INSPECTION WALKWAY G3 IN3-28																							
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area										Remarks						
2		L	65* 65* 6	2312		1.16																	HDG

Caluculation of Steel Primer

(Unit: mm,m²)

2	L	65* 65* 6	65	0.04																HDG
4	L	65* 65* 6	900	0.90																HDG
1	L	65* 65* 6	2065	0.51																HDG
2	FB	65* 6	1231	0.37																HDG
2	FB	65* 6	545	0.14																HDG
1	EXP		600	2272	1.63															HDG
2	BN	M 12* 35			0.00															2-W,HDG
2	BN	M 12* 40			0.00															2-W,HDG
10	BN	M 12* 35			0.01															2-W,HDG
IN3-28																				

APPROACH BRIDGE INSPECTION WALKWAY G3 IN3-29																				
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area										Remarks			
2	L		65* 65* 6	2314		1.16														HDG
2	L		65* 65* 6	65		0.04														HDG
4	L		65* 65* 6	900		0.90														HDG
1	L		65* 65* 6	2067		0.51														HDG
2	FB		65* 6	1231		0.37														HDG
2	FB		65* 6	545		0.14														HDG
1	EXP			600	2274	1.63														HDG
2	BN	M 12* 35				0.00														2-W,HDG
2	BN	M 12* 40				0.00														2-W,HDG
10	BN	M 12* 35				0.01														2-W,HDG
IN3-29																				
8@ IN3-29																				

APPROACH BRIDGE INSPECTION WALKWAY G3 IN3-30																				
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area										Remarks			
2	L		65* 65* 6	2326		1.16														HDG
2	L		65* 65* 6	65		0.04														HDG
4	L		65* 65* 6	900		0.90														HDG
1	L		65* 65* 6	2079		0.51														HDG
2	FB		65* 6	1231		0.37														HDG
2	FB		65* 6	545		0.14														HDG
1	EXP			600	2286	1.63														HDG
2	BN	M 12* 35				0.00														2-W,HDG
2	BN	M 12* 40				0.00														2-W,HDG
10	BN	M 12* 35				0.01														2-W,HDG
IN3-30																				

Caluculation of Steel Primer

(Unit: mm,m²)

24@ IN3-30							
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APPROACH BRIDGE INSPECTION WALKWAY G3 IN3-31										
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area			Remarks
2		L	65* 65* 6	2351		1.20				HDG
2		L	65* 65* 6	65		0.04				HDG
4		L	65* 65* 6	900		0.90				HDG
1		L	65* 65* 6	2104		0.51				HDG
2		FB	65* 6	1231		0.37				HDG
2		FB	65* 6	545		0.14				HDG
1		EXP	600	2311		1.63				HDG
2		BN	M 12* 35			0.00				2-W,HDG
2		BN	M 12* 40			0.00				2-W,HDG
10		BN	M 12* 35			0.01				2-W,HDG
IN3-31										
24@ IN3-31										
G3										

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE INSPECTION WALKWAY G4 IN4-1												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2		L	65* 65* 6	2177		1.11						HDG
2		L	65* 65* 6	65		0.04						HDG
4		L	65* 65* 6	900		0.90						HDG
1		L	65* 65* 6	1930		0.47						HDG
2		FB	65* 6	1231		0.37						HDG
2		FB	65* 6	545		0.14						HDG
1		EXP		600	2137	1.55						HDG
2		BN	M 12* 35			0.00						2-W,HDG
2		BN	M 12* 40			0.00						2-W,HDG
10		BN	M 12* 35			0.01						2-W,HDG
IN4-1												

APPROACH BRIDGE INSPECTION WALKWAY G4 IN4-2												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2		L	65* 65* 6	2178		1.11						HDG
2		L	65* 65* 6	65		0.04						HDG
4		L	65* 65* 6	900		0.90						HDG
1		L	65* 65* 6	1931		0.47						HDG
2		FB	65* 6	1231		0.37						HDG
2		FB	65* 6	545		0.14						HDG
1		EXP		600	2138	1.55						HDG
2		BN	M 12* 35			0.00						2-W,HDG
2		BN	M 12* 40			0.00						2-W,HDG
10		BN	M 12* 35			0.01						2-W,HDG
IN4-2												

APPROACH BRIDGE INSPECTION WALKWAY G4 IN4-3												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2		L	65* 65* 6	2178		1.11						HDG
2		L	65* 65* 6	65		0.04						HDG
4		L	65* 65* 6	900		0.90						HDG
1		L	65* 65* 6	1931		0.47						HDG
2		FB	65* 6	1231		0.37						HDG
2		FB	65* 6	545		0.14						HDG
1		EXP		600	2138	1.55						HDG
2		BN	M 12* 35			0.00						2-W,HDG
2		BN	M 12* 40			0.00						2-W,HDG

Caluculation of Steel Primer

(Unit: mm, m²)

10		BN	M 12* 35			0.01										2-W,HDG
IN4-3																

APPROACH BRIDGE INSPECTION WALKWAY G4 IN4-4																
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area								Remarks	
2		L	65* 65* 6	2227		1.11										HDG
2		L	65* 65* 6	65		0.04										HDG
4		L	65* 65* 6	900		0.90										HDG
1		L	65* 65* 6	1980		0.51										HDG
2		FB	65* 6	1231		0.37										HDG
2		FB	65* 6	545		0.14										HDG
1		EXP		600	2187	1.55										HDG
2		BN	M 12* 35			0.00										2-W,HDG
2		BN	M 12* 40			0.00										2-W,HDG
10		BN	M 12* 35			0.01										2-W,HDG
IN4-4																

APPROACH BRIDGE INSPECTION WALKWAY G4 IN4-5																
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area								Remarks	
2		L	65* 65* 6	2232		1.11										HDG
2		L	65* 65* 6	65		0.04										HDG
4		L	65* 65* 6	900		0.90										HDG
1		L	65* 65* 6	1985		0.51										HDG
2		FB	65* 6	1231		0.37										HDG
2		FB	65* 6	545		0.14										HDG
1		EXP		600	2192	1.55										HDG
2		BN	M 12* 35			0.00										2-W,HDG
2		BN	M 12* 40			0.00										2-W,HDG
10		BN	M 12* 35			0.01										2-W,HDG
IN4-5																

APPROACH BRIDGE INSPECTION WALKWAY G4 IN4-6																
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area								Remarks	
2		L	65* 65* 6	2241		1.11										HDG
2		L	65* 65* 6	65		0.04										HDG
4		L	65* 65* 6	900		0.90										HDG
1		L	65* 65* 6	1994		0.51										HDG
2		FB	65* 6	1231		0.37										HDG

Caluculation of Steel Primer

(Unit: mm, m²)

2		FB	65* 6	545		0.14													HDG							
1		EXP		600	2201	1.55													HDG							
2		BN	M 12* 35			0.00													2-W,HDG							
2		BN	M 12* 40			0.00													2-W,HDG							
10		BN	M 12* 35			0.01													2-W,HDG							
													IN4-6													

APPROACH BRIDGE INSPECTION WALKWAY G4 IN4-7																										
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area											Remarks								
2		L	65* 65* 6	2246		1.16														HDG						
2		L	65* 65* 6	65		0.04														HDG						
4		L	65* 65* 6	900		0.90														HDG						
1		L	65* 65* 6	1999		0.51														HDG						
2		FB	65* 6	1231		0.37														HDG						
2		FB	65* 6	545		0.14														HDG						
1		EXP		600	2206	1.55														HDG						
2		BN	M 12* 35			0.00														2-W,HDG						
2		BN	M 12* 40			0.00														2-W,HDG						
10		BN	M 12* 35			0.01														2-W,HDG						
													IN4-7													

APPROACH BRIDGE INSPECTION WALKWAY G4 IN4-8																										
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area											Remarks								
2		L	65* 65* 6	2252		1.16														HDG						
2		L	65* 65* 6	65		0.04														HDG						
4		L	65* 65* 6	900		0.90														HDG						
1		L	65* 65* 6	2005		0.51														HDG						
2		FB	65* 6	1231		0.37														HDG						
2		FB	65* 6	545		0.14														HDG						
1		EXP		600	2212	1.55														HDG						
2		BN	M 12* 35			0.00														2-W,HDG						
2		BN	M 12* 40			0.00														2-W,HDG						
10		BN	M 12* 35			0.01														2-W,HDG						
													IN4-8													

APPROACH BRIDGE INSPECTION WALKWAY G4 IN4-9																				
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area											Remarks		
2		L	65* 65* 6	2260		1.16														HDG

Calculation of Steel Primer

(Unit: mm,m²)

2	L	65* 65* 6	65	0.04											HDG
4	L	65* 65* 6	900	0.90											HDG
1	L	65* 65* 6	2013	0.51											HDG
2	FB	65* 6	1231	0.37											HDG
2	FB	65* 6	545	0.14											HDG
1	EXP		600	2220	1.55										HDG
2	BN	M 12* 35			0.00										2-W,HDG
2	BN	M 12* 40			0.00										2-W,HDG
10	BN	M 12* 35			0.01										2-W,HDG
IN4-9															

APPROACH BRIDGE INSPECTION WALKWAY G4 IN4-10															
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks	
2	L		65* 65* 6	2263		1.16									HDG
2	L		65* 65* 6	65		0.04									HDG
4	L		65* 65* 6	900		0.90									HDG
1	L		65* 65* 6	2016		0.51									HDG
2	FB		65* 6	1231		0.37									HDG
2	FB		65* 6	545		0.14									HDG
1	EXP			600	2223	1.55									HDG
2	BN	M 12* 35				0.00									2-W,HDG
2	BN	M 12* 40				0.00									2-W,HDG
10	BN	M 12* 35				0.01									2-W,HDG
IN4-10															

APPROACH BRIDGE INSPECTION WALKWAY G4 IN4-11															
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area							Remarks	
2	L		65* 65* 6	2264		1.16									HDG
2	L		65* 65* 6	65		0.04									HDG
4	L		65* 65* 6	900		0.90									HDG
1	L		65* 65* 6	2017		0.51									HDG
2	FB		65* 6	1231		0.37									HDG
2	FB		65* 6	545		0.14									HDG
1	EXP			600	2224	1.55									HDG
2	BN	M 12* 35				0.00									2-W,HDG
2	BN	M 12* 40				0.00									2-W,HDG
10	BN	M 12* 35				0.01									2-W,HDG
IN4-11															

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE INSPECTION WALKWAY G4 IN4-12												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2		L	65* 65* 6	2264		1.16						HDG
2		L	65* 65* 6	65		0.04						HDG
4		L	65* 65* 6	900		0.90						HDG
1		L	65* 65* 6	2017		0.51						HDG
2		FB	65* 6	1231		0.37						HDG
2		FB	65* 6	545		0.14						HDG
1		EXP		600	2224	1.55						HDG
2		BN	M 12* 35			0.00						2-W,HDG
2		BN	M 12* 40			0.00						2-W,HDG
10		BN	M 12* 35			0.01						2-W,HDG
IN4-12												

APPROACH BRIDGE INSPECTION WALKWAY G4 IN4-13												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2		L	65* 65* 6	2268		1.16						HDG
2		L	65* 65* 6	65		0.04						HDG
4		L	65* 65* 6	900		0.90						HDG
1		L	65* 65* 6	2021		0.51						HDG
2		FB	65* 6	1231		0.37						HDG
2		FB	65* 6	545		0.14						HDG
1		EXP		600	2228	1.55						HDG
2		BN	M 12* 35			0.00						2-W,HDG
2		BN	M 12* 40			0.00						2-W,HDG
10		BN	M 12* 35			0.01						2-W,HDG
IN4-13												
3@ IN4-13												

APPROACH BRIDGE INSPECTION WALKWAY G4 IN4-14												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2		L	65* 65* 6	2269		1.16						HDG
2		L	65* 65* 6	65		0.04						HDG
4		L	65* 65* 6	900		0.90						HDG
1		L	65* 65* 6	2022		0.51						HDG
2		FB	65* 6	1231		0.37						HDG
2		FB	65* 6	545		0.14						HDG
1		EXP		600	2229	1.55						HDG
2		BN	M 12* 35			0.00						2-W,HDG

Calculation of Steel Primer

(Unit: mm, m²)

2		BN	M 12* 40			0.00										2-W,HDG
10		BN	M 12* 35			0.01										2-W,HDG
IN4-14																

APPROACH BRIDGE INSPECTION WALKWAY G4 IN4-15																
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area									Remarks
2		L	65* 65* 6	2269		1.16										HDG
2		L	65* 65* 6	65		0.04										HDG
4		L	65* 65* 6	900		0.90										HDG
1		L	65* 65* 6	2022		0.51										HDG
2		FB	65* 6	1231		0.37										HDG
2		FB	65* 6	545		0.14										HDG
1		EXP		600	2229	1.55										HDG
2		BN	M 12* 35			0.00										2-W,HDG
2		BN	M 12* 40			0.00										2-W,HDG
10		BN	M 12* 35			0.01										2-W,HDG
IN4-15																

APPROACH BRIDGE INSPECTION WALKWAY G4 IN4-16																
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area									Remarks
2		L	65* 65* 6	2269		1.16										HDG
2		L	65* 65* 6	65		0.04										HDG
4		L	65* 65* 6	900		0.90										HDG
1		L	65* 65* 6	2022		0.51										HDG
2		FB	65* 6	1231		0.37										HDG
2		FB	65* 6	545		0.14										HDG
1		EXP		600	2229	1.55										HDG
2		BN	M 12* 35			0.00										2-W,HDG
2		BN	M 12* 40			0.00										2-W,HDG
10		BN	M 12* 35			0.01										2-W,HDG
IN4-16																

APPROACH BRIDGE INSPECTION WALKWAY G4 IN4-17																
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area									Remarks
2		L	65* 65* 6	2280		1.16										HDG
2		L	65* 65* 6	65		0.04										HDG
4		L	65* 65* 6	900		0.90										HDG
1		L	65* 65* 6	2033		0.51										HDG

Caluculation of Steel Primer

(Unit: mm, m²)

2		FB	65* 6	1231		0.37													HDG	
2		FB	65* 6	545		0.14													HDG	
1		EXP	600	2240		1.63													HDG	
2		BN	M 12* 35			0.00													2-W,HDG	
2		BN	M 12* 40			0.00													2-W,HDG	
10		BN	M 12* 35			0.01													2-W,HDG	
IN4-17																				
2@ IN4-17																				

APPROACH BRIDGE INSPECTION WALKWAY G4 IN4-18

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area										Remarks			
2		L	65* 65* 6	2297		1.16														HDG
2		L	65* 65* 6	65		0.04														HDG
4		L	65* 65* 6	900		0.90														HDG
1		L	65* 65* 6	2050		0.51														HDG
2		FB	65* 6	1231		0.37														HDG
2		FB	65* 6	545		0.14														HDG
1		EXP	600	2257		1.63														HDG
2		BN	M 12* 35			0.00														2-W,HDG
2		BN	M 12* 40			0.00														2-W,HDG
10		BN	M 12* 35			0.01														2-W,HDG
IN4-18																				
12@ IN4-18																				

APPROACH BRIDGE INSPECTION WALKWAY G4 IN4-19

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area										Remarks			
2		L	65* 65* 6	2299		1.16														HDG
2		L	65* 65* 6	65		0.04														HDG
4		L	65* 65* 6	900		0.90														HDG
1		L	65* 65* 6	2052		0.51														HDG
2		FB	65* 6	1231		0.37														HDG
2		FB	65* 6	545		0.14														HDG
1		EXP	600	2259		1.63														HDG
2		BN	M 12* 35			0.00														2-W,HDG
2		BN	M 12* 40			0.00														2-W,HDG
10		BN	M 12* 35			0.01														2-W,HDG
IN4-19																				

APPROACH BRIDGE INSPECTION WALKWAY G4 IN4-20

Caluculation of Steel Primer

(Unit: mm,m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks	
2		L	65* 65* 6	2301		1.16							HDG
2		L	65* 65* 6	65		0.04							HDG
4		L	65* 65* 6	900		0.90							HDG
1		L	65* 65* 6	2054		0.51							HDG
2		FB	65* 6	1231		0.37							HDG
2		FB	65* 6	545		0.14							HDG
1		EXP		600	2261	1.63							HDG
2		BN	M 12* 35			0.00							2-W,HDG
2		BN	M 12* 40			0.00							2-W,HDG
10		BN	M 12* 35			0.01							2-W,HDG
IN4-20													

APPROACH BRIDGE INSPECTION WALKWAY G4 IN4-21													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks	
2		L	65* 65* 6	2302		1.16							HDG
2		L	65* 65* 6	65		0.04							HDG
4		L	65* 65* 6	900		0.90							HDG
1		L	65* 65* 6	2055		0.51							HDG
2		FB	65* 6	1231		0.37							HDG
2		FB	65* 6	545		0.14							HDG
1		EXP		600	2262	1.63							HDG
2		BN	M 12* 35			0.00							2-W,HDG
2		BN	M 12* 40			0.00							2-W,HDG
10		BN	M 12* 35			0.01							2-W,HDG
IN4-21													

APPROACH BRIDGE INSPECTION WALKWAY G4 IN4-22													
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks	
2		L	65* 65* 6	2302		1.16							HDG
2		L	65* 65* 6	65		0.04							HDG
4		L	65* 65* 6	900		0.90							HDG
1		L	65* 65* 6	2055		0.51							HDG
2		FB	65* 6	1231		0.37							HDG
2		FB	65* 6	545		0.14							HDG
1		EXP		600	2262	1.63							HDG
2		BN	M 12* 35			0.00							2-W,HDG
2		BN	M 12* 40			0.00							2-W,HDG
10		BN	M 12* 35			0.01							2-W,HDG

Caluculation of Steel Primer

(Unit: mm, m²)

IN4-22									
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APPROACH BRIDGE INSPECTION WALKWAY G4 IN4-23										
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area			Remarks
2		L	65* 65* 6	2302		1.16				HDG
2		L	65* 65* 6	65		0.04				HDG
4		L	65* 65* 6	900		0.90				HDG
1		L	65* 65* 6	2055		0.51				HDG
2		FB	65* 6	1231		0.37				HDG
2		FB	65* 6	545		0.14				HDG
1		EXP		600	2262	1.63				HDG
2		BN	M 12* 35			0.00				2-W,HDG
2		BN	M 12* 40			0.00				2-W,HDG
10		BN	M 12* 35			0.01				2-W,HDG
IN4-23										

APPROACH BRIDGE INSPECTION WALKWAY G4 IN4-24										
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area			Remarks
2		L	65* 65* 6	2303		1.16				HDG
2		L	65* 65* 6	65		0.04				HDG
4		L	65* 65* 6	900		0.90				HDG
1		L	65* 65* 6	2056		0.51				HDG
2		FB	65* 6	1231		0.37				HDG
2		FB	65* 6	545		0.14				HDG
1		EXP		600	2263	1.63				HDG
2		BN	M 12* 35			0.00				2-W,HDG
2		BN	M 12* 40			0.00				2-W,HDG
10		BN	M 12* 35			0.01				2-W,HDG
IN4-24										

APPROACH BRIDGE INSPECTION WALKWAY G4 IN4-25										
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area			Remarks
2		L	65* 65* 6	2303		1.16				HDG
2		L	65* 65* 6	65		0.04				HDG
4		L	65* 65* 6	900		0.90				HDG
1		L	65* 65* 6	2056		0.51				HDG
2		FB	65* 6	1231		0.37				HDG
2		FB	65* 6	545		0.14				HDG

Calculation of Steel Primer

(Unit: mm, m²)

1		EXP		600	2263		1.63											HDG
2		BN	M 12*	35			0.00											2-W,HDG
2		BN	M 12*	40			0.00											2-W,HDG
10		BN	M 12*	35			0.01											2-W,HDG
IN4-25																		

APPROACH BRIDGE INSPECTION WALKWAY G4 IN4-26																		
Q'ty	Item	Category	Dimension of Section		Length	Net	Total Surface Area	Primer Area						Remarks				
2		L	65*	65* 6	2303		1.16											HDG
2		L	65*	65* 6	65		0.04											HDG
4		L	65*	65* 6	900		0.90											HDG
1		L	65*	65* 6	2056		0.51											HDG
2		FB	65*	6	1231		0.37											HDG
2		FB	65*	6	545		0.14											HDG
1		EXP			600	2263		1.63										HDG
2		BN	M 12*	35			0.00											2-W,HDG
2		BN	M 12*	40			0.00											2-W,HDG
10		BN	M 12*	35			0.01											2-W,HDG
IN4-26																		

APPROACH BRIDGE INSPECTION WALKWAY G4 IN4-27																		
Q'ty	Item	Category	Dimension of Section		Length	Net	Total Surface Area	Primer Area						Remarks				
2		L	65*	65* 6	2303		1.16											HDG
2		L	65*	65* 6	65		0.04											HDG
4		L	65*	65* 6	900		0.90											HDG
1		L	65*	65* 6	2056		0.51											HDG
2		FB	65*	6	1231		0.37											HDG
2		FB	65*	6	545		0.14											HDG
1		EXP			600	2263		1.63										HDG
2		BN	M 12*	35			0.00											2-W,HDG
2		BN	M 12*	40			0.00											2-W,HDG
10		BN	M 12*	35			0.01											2-W,HDG
IN4-27																		

APPROACH BRIDGE INSPECTION WALKWAY G4 IN4-28																		
Q'ty	Item	Category	Dimension of Section		Length	Net	Total Surface Area	Primer Area						Remarks				
2		L	65*	65* 6	2303		1.16											HDG
2		L	65*	65* 6	65		0.04											HDG

Caluculation of Steel Primer

(Unit: mm,m²)

4	L	65* 65* 6	900	0.90													HDG
1	L	65* 65* 6	2056	0.51													HDG
2	FB	65* 6	1231	0.37													HDG
2	FB	65* 6	545	0.14													HDG
1	EXP	600	2263	1.63													HDG
2	BN	M 12* 35		0.00													2-W,HDG
2	BN	M 12* 40		0.00													2-W,HDG
10	BN	M 12* 35		0.01													2-W,HDG
IN4-28																	

APPROACH BRIDGE INSPECTION WALKWAY G4 IN4-29

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area									Remarks		
2	L		65* 65* 6	2303		1.16												HDG
2	L		65* 65* 6	65		0.04												HDG
4	L		65* 65* 6	900		0.90												HDG
1	L		65* 65* 6	2056		0.51												HDG
2	FB		65* 6	1231		0.37												HDG
2	FB		65* 6	545		0.14												HDG
1	EXP		600	2263		1.63												HDG
2	BN		M 12* 35			0.00												2-W,HDG
2	BN		M 12* 40			0.00												2-W,HDG
10	BN		M 12* 35			0.01												2-W,HDG
IN4-29																		
2@ IN4-29																		

APPROACH BRIDGE INSPECTION WALKWAY G4 IN4-30

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area									Remarks		
2	L		65* 65* 6	2303		1.16												HDG
2	L		65* 65* 6	65		0.04												HDG
4	L		65* 65* 6	900		0.90												HDG
1	L		65* 65* 6	2056		0.51												HDG
2	FB		65* 6	1231		0.37												HDG
2	FB		65* 6	545		0.14												HDG
1	EXP		600	2263		1.63												HDG
2	BN		M 12* 35			0.00												2-W,HDG
2	BN		M 12* 40			0.00												2-W,HDG
10	BN		M 12* 35			0.01												2-W,HDG
IN4-30																		

Caluculation of Steel Primer

(Unit: mm,m²)

APPROACH BRIDGE INSPECTION WALKWAY G4 IN4-31											
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks
2		L	65* 65* 6	2303		1.16					HDG
2		L	65* 65* 6	65		0.04					HDG
4		L	65* 65* 6	900		0.90					HDG
1		L	65* 65* 6	2056		0.51					HDG
2		FB	65* 6	1231		0.37					HDG
2		FB	65* 6	545		0.14					HDG
1		EXP		600	2263	1.63					HDG
2		BN	M 12* 35			0.00					2-W,HDG
2		BN	M 12* 40			0.00					2-W,HDG
10		BN	M 12* 35			0.01					2-W,HDG
IN4-31											

APPROACH BRIDGE INSPECTION WALKWAY G4 IN4-32											
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks
2		L	65* 65* 6	2304		1.16					HDG
2		L	65* 65* 6	65		0.04					HDG
4		L	65* 65* 6	900		0.90					HDG
1		L	65* 65* 6	2057		0.51					HDG
2		FB	65* 6	1231		0.37					HDG
2		FB	65* 6	545		0.14					HDG
1		EXP		600	2264	1.63					HDG
2		BN	M 12* 35			0.00					2-W,HDG
2		BN	M 12* 40			0.00					2-W,HDG
10		BN	M 12* 35			0.01					2-W,HDG
IN4-32											

APPROACH BRIDGE INSPECTION WALKWAY G4 IN4-33											
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks
2		L	65* 65* 6	2304		1.16					HDG
2		L	65* 65* 6	65		0.04					HDG
4		L	65* 65* 6	900		0.90					HDG
1		L	65* 65* 6	2057		0.51					HDG
2		FB	65* 6	1231		0.37					HDG
2		FB	65* 6	545		0.14					HDG
1		EXP		600	2264	1.63					HDG
2		BN	M 12* 35			0.00					2-W,HDG
2		BN	M 12* 40			0.00					2-W,HDG

Caluculation of Steel Primer

(Unit: mm, m²)

10		BN	M 12* 35			0.01								2-W,HDG
IN4-33														

APPROACH BRIDGE INSPECTION WALKWAY G4 IN4-34														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
2		L	65* 65* 6	2304		1.16								HDG
2		L	65* 65* 6	65		0.04								HDG
4		L	65* 65* 6	900		0.90								HDG
1		L	65* 65* 6	2057		0.51								HDG
2		FB	65* 6	1231		0.37								HDG
2		FB	65* 6	545		0.14								HDG
1		EXP		600	2264	1.63								HDG
2		BN	M 12* 35			0.00								2-W,HDG
2		BN	M 12* 40			0.00								2-W,HDG
10		BN	M 12* 35			0.01								2-W,HDG
IN4-34														

APPROACH BRIDGE INSPECTION WALKWAY G4 IN4-35														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
2		L	65* 65* 6	2304		1.16								HDG
2		L	65* 65* 6	65		0.04								HDG
4		L	65* 65* 6	900		0.90								HDG
1		L	65* 65* 6	2057		0.51								HDG
2		FB	65* 6	1231		0.37								HDG
2		FB	65* 6	545		0.14								HDG
1		EXP		600	2264	1.63								HDG
2		BN	M 12* 35			0.00								2-W,HDG
2		BN	M 12* 40			0.00								2-W,HDG
10		BN	M 12* 35			0.01								2-W,HDG
IN4-35														

APPROACH BRIDGE INSPECTION WALKWAY G4 IN4-36														
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area						Remarks	
2		L	65* 65* 6	2305		1.16								HDG
2		L	65* 65* 6	65		0.04								HDG
4		L	65* 65* 6	900		0.90								HDG
1		L	65* 65* 6	2058		0.51								HDG
2		FB	65* 6	1231		0.37								HDG

Caluculation of Steel Primer

(Unit: mm, m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area	Remarks
2	L		65* 65* 6	2314		1.16		HDG
2	L		65* 65* 6	65		0.04		HDG
4	L		65* 65* 6	900		0.90		HDG
1	L		65* 65* 6	2067		0.51		HDG
2	FB		65* 6	1231		0.37		HDG
2	FB		65* 6	545		0.14		HDG
1	EXP		600	2274		1.63		HDG
2	BN		M 12* 35			0.00		2-W,HDG
2	BN		M 12* 40			0.00		2-W,HDG
10	BN		M 12* 35			0.01		2-W,HDG
IN4-39								

APPROACH BRIDGE INSPECTION WALKWAY G4 IN4-40

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area	Remarks
2	L		65* 65* 6	2316		1.16		HDG
2	L		65* 65* 6	65		0.04		HDG
4	L		65* 65* 6	900		0.90		HDG
1	L		65* 65* 6	2069		0.51		HDG
2	FB		65* 6	1231		0.37		HDG
2	FB		65* 6	545		0.14		HDG
1	EXP		600	2276		1.63		HDG
2	BN		M 12* 35			0.00		2-W,HDG
2	BN		M 12* 40			0.00		2-W,HDG
10	BN		M 12* 35			0.01		2-W,HDG
IN4-40								

APPROACH BRIDGE INSPECTION WALKWAY G4 IN4-41

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area	Remarks
2	L		65* 65* 6	2317		1.16		HDG
2	L		65* 65* 6	65		0.04		HDG
4	L		65* 65* 6	900		0.90		HDG
1	L		65* 65* 6	2070		0.51		HDG
2	FB		65* 6	1231		0.37		HDG
2	FB		65* 6	545		0.14		HDG
1	EXP		600	2277		1.63		HDG
2	BN		M 12* 35			0.00		2-W,HDG
2	BN		M 12* 40			0.00		2-W,HDG
10	BN		M 12* 35			0.01		2-W,HDG
IN4-41								

Caluculation of Steel Primer

(Unit: mm, m²)

24@ IN4-41											
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APPROACH BRIDGE INSPECTION WALKWAY G4 IN4-42												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2		L	65* 65* 6	2320		1.16						HDG
2		L	65* 65* 6	65		0.04						HDG
4		L	65* 65* 6	900		0.90						HDG
1		L	65* 65* 6	2073		0.51						HDG
2		FB	65* 6	1231		0.37						HDG
2		FB	65* 6	545		0.14						HDG
1		EXP		600	2280	1.63						HDG
2		BN	M 12* 35			0.00						2-W,HDG
2		BN	M 12* 40			0.00						2-W,HDG
10		BN	M 12* 35			0.01						2-W,HDG
IN4-42												

APPROACH BRIDGE INSPECTION WALKWAY G4 IN4-43												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2		L	65* 65* 6	2322		1.16						HDG
2		L	65* 65* 6	65		0.04						HDG
4		L	65* 65* 6	900		0.90						HDG
1		L	65* 65* 6	2075		0.51						HDG
2		FB	65* 6	1231		0.37						HDG
2		FB	65* 6	545		0.14						HDG
1		EXP		600	2282	1.63						HDG
2		BN	M 12* 35			0.00						2-W,HDG
2		BN	M 12* 40			0.00						2-W,HDG
10		BN	M 12* 35			0.01						2-W,HDG
IN4-43												

APPROACH BRIDGE INSPECTION WALKWAY G4 IN4-44												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area					Remarks
2		L	65* 65* 6	2342		1.20						HDG
2		L	65* 65* 6	65		0.04						HDG
4		L	65* 65* 6	900		0.90						HDG
1		L	65* 65* 6	2095		0.51						HDG
2		FB	65* 6	1231		0.37						HDG
2		FB	65* 6	545		0.14						HDG
1		EXP		600	2302	1.63						HDG

Caluculation of Steel Primer

(Unit: mm, m²)

2		BN	M 12* 35			0.00										2-W,HDG
2		BN	M 12* 40			0.00										2-W,HDG
10		BN	M 12* 35			0.01										2-W,HDG
IN4-44																

APPROACH BRIDGE INSPECTION WALKWAY G4 IN4-45																
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area								Remarks	
2		L	65* 65* 6	2342		1.20										HDG
2		L	65* 65* 6	65		0.04										HDG
4		L	65* 65* 6	900		0.90										HDG
1		L	65* 65* 6	2095		0.51										HDG
2		FB	65* 6	1231		0.37										HDG
2		FB	65* 6	545		0.14										HDG
1		EXP		600	2302	1.63										HDG
2		BN	M 12* 35			0.00										2-W,HDG
2		BN	M 12* 40			0.00										2-W,HDG
10		BN	M 12* 35			0.01										2-W,HDG
IN4-45																
13@ IN4-45																

APPROACH BRIDGE INSPECTION WALKWAY G4 IN4-46																
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area								Remarks	
2		L	65* 65* 6	2343		1.20										HDG
2		L	65* 65* 6	65		0.04										HDG
4		L	65* 65* 6	900		0.90										HDG
1		L	65* 65* 6	2096		0.51										HDG
2		FB	65* 6	1231		0.37										HDG
2		FB	65* 6	545		0.14										HDG
1		EXP		600	2303	1.63										HDG
2		BN	M 12* 35			0.00										2-W,HDG
2		BN	M 12* 40			0.00										2-W,HDG
10		BN	M 12* 35			0.01										2-W,HDG
IN4-46																

APPROACH BRIDGE INSPECTION WALKWAY G4 IN4-47																
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area								Remarks	
2		L	65* 65* 6	2343		1.20										HDG
2		L	65* 65* 6	65		0.04										HDG

Caluculation of Steel Primer

(Unit: mm,m²)

Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
2		L	65* 65* 6	2350		1.20						HDG
2		L	65* 65* 6	65		0.04						HDG
4		L	65* 65* 6	900		0.90						HDG
1		L	65* 65* 6	2103		0.51						HDG
2		FB	65* 6	1231		0.37						HDG
2		FB	65* 6	545		0.14						HDG
1		EXP		600	2310	1.63						HDG
2		BN	M 12* 35			0.00						2-W,HDG
2		BN	M 12* 40			0.00						2-W,HDG
10		BN	M 12* 35			0.01						2-W,HDG
IN4-50												

APPROACH BRIDGE INSPECTION WALKWAY G4 IN4-51												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
2		L	65* 65* 6	2350		1.20						HDG
2		L	65* 65* 6	65		0.04						HDG
4		L	65* 65* 6	900		0.90						HDG
1		L	65* 65* 6	2103		0.51						HDG
2		FB	65* 6	1231		0.37						HDG
2		FB	65* 6	545		0.14						HDG
1		EXP		600	2310	1.63						HDG
2		BN	M 12* 35			0.00						2-W,HDG
2		BN	M 12* 40			0.00						2-W,HDG
10		BN	M 12* 35			0.01						2-W,HDG
IN4-51												

APPROACH BRIDGE INSPECTION WALKWAY G4 IN4-52												
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area				Remarks	
2		L	65* 65* 6	2350		1.20						HDG
2		L	65* 65* 6	65		0.04						HDG
4		L	65* 65* 6	900		0.90						HDG
1		L	65* 65* 6	2103		0.51						HDG
2		FB	65* 6	1231		0.37						HDG
2		FB	65* 6	545		0.14						HDG
1		EXP		600	2310	1.63						HDG
2		BN	M 12* 35			0.00						2-W,HDG
2		BN	M 12* 40			0.00						2-W,HDG
10		BN	M 12* 35			0.01						2-W,HDG

Caluculation of Steel Primer

(Unit: mm, m²)

IN4-52									
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APPROACH BRIDGE INSPECTION WALKWAY G4 IN4-53										
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area			Remarks
2		L	65* 65* 6	2351		1.20				HDG
2		L	65* 65* 6	65		0.04				HDG
4		L	65* 65* 6	900		0.90				HDG
1		L	65* 65* 6	2104		0.51				HDG
2		FB	65* 6	1231		0.37				HDG
2		FB	65* 6	545		0.14				HDG
1		EXP		600	2311	1.63				HDG
2		BN	M 12* 35			0.00				2-W,HDG
2		BN	M 12* 40			0.00				2-W,HDG
10		BN	M 12* 35			0.01				2-W,HDG
IN4-53										

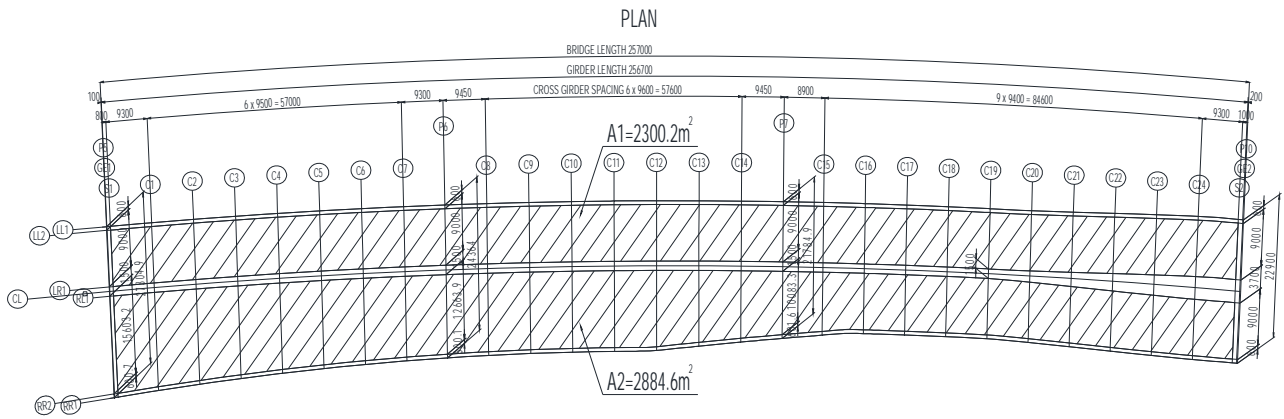
APPROACH BRIDGE INSPECTION WALKWAY G4 IN4-54										
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area			Remarks
2		L	65* 65* 6	2351		1.20				HDG
2		L	65* 65* 6	65		0.04				HDG
4		L	65* 65* 6	900		0.90				HDG
1		L	65* 65* 6	2104		0.51				HDG
2		FB	65* 6	1231		0.37				HDG
2		FB	65* 6	545		0.14				HDG
1		EXP		600	2311	1.63				HDG
2		BN	M 12* 35			0.00				2-W,HDG
2		BN	M 12* 40			0.00				2-W,HDG
10		BN	M 12* 35			0.01				2-W,HDG
IN4-54										

APPROACH BRIDGE INSPECTION WALKWAY G4 IN4-55										
Q'ty	Item	Category	Dimension of Section	Length	Net	Total Surface Area	Primer Area			Remarks
2		L	65* 65* 6	2351		1.20				HDG
2		L	65* 65* 6	65		0.04				HDG
4		L	65* 65* 6	900		0.90				HDG
1		L	65* 65* 6	2104		0.51				HDG
2		FB	65* 6	1231		0.37				HDG
2		FB	65* 6	545		0.14				HDG

8.1. BRIDGE SURFACE WORK

MEMBER	DIMENSION	UNIT	TOTAL	REMARKS
ASPHALT PAVEMENT	T=80mm	m ²	5184.8	

ASPHALT PAVEMENT (T=80mm)



A1 = 2300.2 m²

A2 = 2884.6 m²

ΣA = 5184.8 m²

8.2. COPING AND BARRIER

MEMBER	DIMENSION		UNIT	TOTAL	REMARKS
STEEL PIPE	STKR400	□ 125x125x6	kg	55439	
STEEL PLATE	SM400A	t=8	kg	7590	
		t=19	kg	8482	
	TOTAL		kg	16071	
BOLT	S10T	M22x80	Pce	3328	
STUD BOLT	SS400	M16x45	Pce	2144	
NUT	SS400	M16	Pce	2144	
COPING BAR	SD345	D19	kg	9603	
		D13	kg	5464	
	TOTAL		kg	15068	
CONCRETE	$\sigma_{ck}=24\text{N/mm}^2$		m^3	208	
EPS	-		m^3	22	

MATERIAL LIST

No.	ITEM	SIZE	MATERIAL	WIDTH (mm)	LENGTH (mm)	THICKNESS (mm)	UNIT WEIGHT (kg/m)	WEIGHT (kg/pce)	NUMBER	WEIGHT (kg)	REMARKS	
1	SIDE POST	□125x125x6	STKR400	-	1169	-	21.7	25.37	218	5530.66		
	MIDDLE POST	□125x125x6	STKR400	-	1185	-	21.7	25.71	218	5604.78		
	TOP RAIL	□125x125x6	STKR400	-	7575	-	21.7	164.38	8	1315.04		
		□125x125x6	STKR400	-	1725	-	21.7	37.43	8	299.44		
		□125x125x6	STKR400	-	7725	-	21.7	167.63	24	4023.12		
		□125x125x6	STKR400	-	1725	-	21.7	37.43	24	898.32		
		□125x125x6	STKR400	-	7688	-	21.7	166.83	8	1334.64		
		□125x125x6	STKR400	-	1763	-	21.7	38.26	8	306.08		
		□125x125x6	STKR400	-	7800	-	21.7	169.26	24	4062.24		
		□125x125x6	STKR400	-	1800	-	21.7	39.06	24	937.44		
		□125x125x6	STKR400	-	7275	-	21.7	157.87	4	631.48		
		□125x125x6	STKR400	-	1625	-	21.7	35.26	4	141.04		
		□125x125x6	STKR400	-	7650	-	21.7	166.01	36	5976.36		
		□125x125x6	STKR400	-	1750	-	21.7	37.98	36	1367.28		
		□125x125x6	STKR400	-	9900	-	21.7	214.83	4	859.32		
		□125x125x6	STKR400	-	7575	-	21.7	164.38	8	1315.04		
		□125x125x6	STKR400	-	1725	-	21.7	37.43	8	299.44		
		□125x125x6	STKR400	-	7725	-	21.7	167.63	24	4023.12		
		□125x125x6	STKR400	-	1725	-	21.7	37.43	24	898.32		
		□125x125x6	STKR400	-	7688	-	21.7	166.83	8	1334.64		
		□125x125x6	STKR400	-	1763	-	21.7	38.26	8	306.08		
		□125x125x6	STKR400	-	7800	-	21.7	169.26	24	4062.24		
		□125x125x6	STKR400	-	1800	-	21.7	39.06	24	937.44		
		□125x125x6	STKR400	-	7275	-	21.7	157.87	4	631.48		
		□125x125x6	STKR400	-	1625	-	21.7	35.26	4	141.04		
		□125x125x6	STKR400	-	7650	-	21.7	166.01	36	5976.36		
		□125x125x6	STKR400	-	1750	-	21.7	37.98	36	1367.28		
		□125x125x6	STKR400	-	9900	-	21.7	214.83	4	859.32		
		SUB-TOTAL									55439.04	
	2	BASE PLATE	250x250x19	SM400A	250	250	19	7850	9.32	536	4995.52	
3	STIFF PLATE	125x200x8	SM400A	125	200	9	7850	1.77	4288	7589.76		
4	CONNECTION PLATE@TOP RAIL	125x225x19	SM400A	125	225	19	7850	4.19	416	1743.04		
	CONNECTION PLATE@BOTTOM R	125x225x19	SM400A	125	225	19	7850	4.19	416	1743.04		
	SUB-TOTAL									3486.08		
5	M22 BOLT FOR CONNECTION PLA	M22 x 80	S10T	-	-	-	-	0.585	3328	1946.88		
6	STUD BOLT	M16 x 45	SS400	-	-	-	-	0.057	2144	122.21		
7	NUT FOR STUD BOLT	M16	SS400	-	-	-	-	0.057	2144	122.21		
	SUB-TOTAL(BOLT & NUT)									2191.30		
8	COPING BAR(SIDE)	D19	SD345	-	1200	-	2.25	2.70	1714	4627.80		
	COPING BAR(MIDDLE)	D19	SD345	-	1200	-	2.25	2.70	1714	4627.80		
	COPING BAR(MIDDLE) C19-P10	D19	SD345	-	820	-	2.25	1.85	188	347.80		
	SUB-TOTAL									9603.40		
9	COPING BAR(SIDE)	D13	SD345	-	256700	-	0.99	254.13	8	2033.04		
	COPING BAR(MIDDLE)	D13	SD345	-	200400	-	0.99	198.40	12	2380.80		
	COPING BAR(MIDDLE) C19-P10	D13	SD345	-	56300	-	2.25	126.68	8	1013.44		
	COPING BAR(NOSE)	D13	SD345	-	2420	-	0.99	2.40	2	4.80		
	COPING BAR(NOSE)	D13	SD345	-	2840	-	0.99	2.81	4	11.24		
	COPING BAR(NOSE)	D13	SD345	-	1820	-	0.99	1.80	10	18.00		
	COPING BAR(NOSE)	D13	SD345	-	1720	-	0.99	1.70	1	1.70		
	COPING BAR(NOSE)	D13	SD345	-	1200	-	0.99	1.19	1	1.19		
	SUB-TOTAL									5464.21		
TOTAL WEGHT										88769.31		
No.	ITEM	MATERIAL	WIDTH (mm)	LENGTH (mm)	HEIGHT (mm)	-	-	NUMBER	VOLUME (m ³)	REMARKS		
10	COPING BAR(SIDE)	$\sigma_{ck}=24N/mm^2$	600	256700	330	-	-	2	101.65			
	COPING BAR(MIDDLE)	$\sigma_{ck}=24N/mm^2$	600	256700	330	-	-	2	101.65			
	COPING BAR(MIDDLE) C19-P10	$\sigma_{ck}=24N/mm^2$	300-2500	56300	50	-	-	1	3.94			
	COPING BAR(NOSE)	$\sigma_{ck}=24N/mm^2$	1304-1201	2086	330	-	-	1	0.86			
	COPING BAR(NOSE)	$\sigma_{ck}=24N/mm^2$	R=600	-	330	-	-	1	0.37			
	SUB-TOTAL								208.48			
11	EPS		300-2500	56300	280	-	-	1	22.07			

8.3. EXPANSION JOINT

MEMBER	DIMENSION		UNIT	TOTAL	REMARKS
RUBBER JOINT	MODULE TYPE		m	27.2	
REINFORCING BAR	SD345	D16	kg	1109	
STUD	SD345	D19	kg	168	

1.EXPANSION JOINT

MODULE TYPE

20.7+6.458

= 27.2 m

(REFERENCE)

NO.	THE NAME OF AN ARTICLE	MATERIAL
1	END BEAM	S355J2+AR
2	MIDDLE BEAM	S355J2+N
3	SEAL RUBBER	CR
4	WEB	SM490A
5	BOX	SM490A
6	SUPPORTING BEAM	SM490A
7	BUSH	POLYETHYLENE
8	SPRING	NR
9	EB BEARING	NR
10	MB BEARING	NR
11	SPRING-FACE A	SM490A
12	BEARING-FACE A	SM490A
13	SPRING-FACE B	SM490A
14	BEARING-FACE B	SM490A
15	SUS DISK	SUS316L
16	SLIPPING DISK	METALLOPLAST
17	PROTECTIVE PL	SM490A
18	ANCHOR	SM490A
19	COVER	SM490A
20	PL	SM490A
21	END PL	SM490A
22	REINFORCING BAR	SD345
23	STUD	JIS B1198
24	WELDED WIRE FABRIC	SUS304
25	WIRE RACK	SR235
26	BOTTOM FLANGE	SM490A
27	LINER	SS400
28	HTB	F10T
29	SUPPORT	SM490A
30	INSTALLATION JIG	SS400

2.SUMMARY OF REINFORCING BAR FOR EXPANSION JOINT

NO.	DIAMETER (MM)	LENGTH (MM)	Q'TY	UNUIT WEIGHT(KG)	WEIGHT PER UNIT(KG)	GROSS WEIGHT(KG)	REMARKS
P5(LEFT)							
H1	D16	1540	25	1.56	2.4	60	
H2	D16	1940	25	1.56	3.03	76	
H3	D16	1460	50	1.56	2.28	114	
H4	D16	450	100	1.56	0.702	70	
H6	D16	6000	3	1.56	9.36	28	
H7	D16	4600	3	1.56	7.18	22	
H8	D16	6000	9	1.56	9.36	84	
H9	D16	4200	3	1.56	6.55	20	
TOTAL						474 kg	
SD345						D16	474 kg
H5						166-STUD WITH HEAD ϕ 19x170	72.9 kg
P5(RIGHT)							
H1	D16	1540	25	1.56	2.4	60	
H2	D16	1940	25	1.56	3.03	76	
H3	D16	1460	50	1.56	2.28	114	
H4	D16	450	100	1.56	0.702	70	
H6	D16	6000	3	1.56	9.36	28	
H7	D16	4600	3	1.56	7.18	22	
H8	D16	6000	9	1.56	9.36	84	
H9	D16	4200	3	1.56	6.55	20	
TOTAL						474 kg	
SD345						D16	474 kg
H5						166-STUD WITH HEAD ϕ 19x170	72.9 kg
P5(ON RAMP)							
H1	D16	1030	14	1.56	1.61	23	
H2	D16	1430	14	1.56	2.23	31	
H3	D16	1070	14	1.56	1.67	23	
H4	D16	450	28	1.56	0.702	20	
H6	D16	6000	3	1.56	9.36	28	
H7	D16	800	3	1.56	1.25	4	
H8	D16	6000	3	1.56	9.36	28	
H9	D16	800	3	1.56	1.25	4	
TOTAL						161 kg	
SD345						D16	161 kg
H5						50-STUD WITH HEAD ϕ 19x170	22 kg

8.4. BEARING

MEMBER	REACTION FORCE	TOTAL	REMARKS
RUBBER BEARING	3400kN	4	P5
RUBBER BEARING	7000kN	4	P6
RUBBER BEARING	8400kN	4	P7
RUBBER BEARING	4100kN	4	P10

1.RUBBER BEARING

LOCATION P5

EACH 1 SUM 4

MATERIALS

NUMBER	THE NAME OF AN ARTICLE	MATERIAL	NUMBER	MASS Kg	NOTES
①	BASE PLATE	SM490A	1	1136.5	
②	TOP BEARING	SM490A	1	510.7	
3	RUBBER BEARING	NR + SM490A SS400	1	1086.0	
④	SIDE BLOCK	SM490A	2	353.1	
⑤	HEXAGON HEAD BOLT WITH WASHER	—————	16	30.7	JIS B 1180
⑥	HEXAGON HEAD BOLT WITH WASHER	—————	8	9.6	JIS B 1180
⑦	ANCHOR BOLT WITH NUT	SS400	4	91.1	JIS B 1181
⑧	SHEAR KEY	SM490A	1	44.3	
⑨	SHEAR KEY	SM490A	1	18.9	
⑩	BOTTOM BEARING	SM490A	1	377.7	
11	HEXAGON HOLE BOLT WITH WASHER	—————	16	5.3	JIS B 1176
12	HEXAGON HOLE BOLT WITH WASHER	—————	16	4.3	JIS B 1176
⑬	HEXAGON HEAD BOLT WITH WASHER	—————	20	7.2	JIS B 1180
TOTAL WEIGHT				3675.4	(kg)
CORROSION PROOF FOR OUTSIDE PL					
HOT-DIP GALVANIZED	COATING OVER 550g/m ² , 350g/m ² (FOR BOLT, WASHER & NUT)				

NOTES: 1- CIRCLE NUMBER IN MATERIAL TABLE INDICATES HOT-DIP GALVANIZED.
 2- THIS DWG FOR REFERENCE.
 3- TOP AND BOTTOM SURFACE OF RUBBER BEARING PAINTED WITH ORGANIC ZINC-RICH.
 4- AFTER ASSEMBLE RUBBER BEARING, METAL OXIDE FILM BOLT (HEXAGON HOLE BOLT) PAINTED WITH HIGH-CONCENTRATION ZINC DUST.

LOCATION P6

EACH 1 SUM 4

MATERIALS

NUMBER	THE NAME OF AN ARTICLE	MATERIAL	NUMBER	MASS Kg	NOTES
①	BASE PLATE	SM490A	1	1620.7	
②	TOP BEARING	SM490A	1	470.4	
3	RUBBER BEARING	NR + SM490A SS400	1	907.4	
④	SIDE BLOCK	SM490A OR SCW480N	2	583.7	
⑤	HEXAGON HEAD BOLT WITH WASHER	—————	16	59.4	JIS B 1180
⑥	HEXAGON HEAD BOLT WITH WASHER	—————	8	9.6	JIS B 1180
⑦	ANCHOR BOLT WITH NUT	SS400	4	94.2	JIS B 1181
⑧	SHEAR KEY	SM490A	1	42.4	
⑨	SHEAR KEY	SM490A	1	15.0	
⑩	BOTTOM BEARING	SM490A	1	358.2	
11	HEXAGON HOLE BOLT WITH WASHER	—————	16	5.3	JIS B 1176
12	HEXAGON HOLE BOLT WITH WASHER	—————	16	4.3	JIS B 1176
⑬	HEXAGON HEAD BOLT WITH WASHER	—————	12	4.3	JIS B 1180
TOTAL WEIGHT				4174.9	(kg)
CORROSION PROOF FOR OUTSIDE PL					
HOT-DIP GALVANIZED	COATING OVER 550g/m ² , 350g/m ² (FOR BOLT, WASHER & NUT)				

NOTES: 1- CIRCLE NUMBER IN MATERIAL TABLE INDICATES HOT-DIP GALVANIZED.
 2- THIS DWG FOR REFERENCE.
 3- TOP AND BOTTOM SURFACE OF RUBBER BEARING PAINTED WITH ORGANIC ZINC-RICH.
 4- AFTER ASSEMBLE RUBBER BEARING, METAL OXIDE FILM BOLT (HEXAGON HOLE BOLT) PAINTED WITH HIGH-CONCENTRATION ZINC DUST.

LOCATION P7

EACH 1 SUM 4

MATERIALS

NUMBER	THE NAME OF AN ARTICLE	MATERIAL	NUMBER	MASS Kg	NOTES
①	BASE PLATE	SM490A	1	2008.6	
②	TOP BEARING	SM490A	1	509.3	
3	RUBBER BEARING	NR + SM490A SS400	1	907.4	
④	SIDE BLOCK	SM490A OR SCW480N	2	568.1	
⑤	HEXAGON HEAD BOLT WITH WASHER	—————	16	67.2	JIS B 1180
⑥	HEXAGON HEAD BOLT WITH WASHER	—————	8	12.6	JIS B 1180
⑦	ANCHOR BOLT WITH NUT	SS400	4	143.6	JIS B 1181
⑧	SHEAR KEY	SM490A	1	46.2	
⑨	SHEAR KEY	SM490A	1	15.0	
⑩	BOTTOM BEARING	SM490A	1	358.2	
11	HEXAGON HOLE BOLT WITH WASHER	—————	16	5.6	JIS B 1176
12	HEXAGON HOLE BOLT WITH WASHER	—————	16	4.3	JIS B 1176
⑬	HEXAGON HEAD BOLT WITH WASHER	—————	12	4.3	JIS B 1180
TOTAL WEIGHT				4650.4	(kg)
CORROSION PROOF FOR OUTSIDE PL					
HOT-DIP GALVANIZED	COATING OVER 550g/m ² , 350g/m ² (FOR BOLT, WASHER & NUT)				

NOTES: 1- CIRCLE NUMBER IN MATERIAL TABLE INDICATES HOT-DIP GALVANIZED.
 2- THIS DWG FOR REFERENCE.
 3- TOP AND BOTTOM SURFACE OF RUBBER BEARING PAINTED WITH ORGANIC ZINC-RICH.
 4- AFTER ASSEMBLE RUBBER BEARING, METAL OXIDE FILM BOLT (HEXAGON HOLE BOLT) PAINTED WITH HIGH-CONCENTRATION ZINC DUST.

LOCATION P10

EACH

1

SUM

4

MATERIALS

NUMBER	THE NAME OF AN ARTICLE	MATERIAL	NUMBER	MASS Kg	NOTES
①	BASE PLATE	SM490A	1	1301.5	
②	TOP BEARING	SM490A	1	484.1	
3	RUBBER BEARING	NR-SM490A -SS400	1	1015.8	
④	SIDE BLOCK	SM490A	2	347.7	
⑤	HEXAGON HEAD BOLT WITH WASHER	—————	16	30.7	JIS B 1180
⑥	HEXAGON HEAD BOLT WITH WASHER	—————	8	9.6	JIS B 1180
⑦	ANCHOR BOLT WITH NUT	SS400	4	91.6	JIS B 1181
⑧	SHEAR KEY	SM490A	1	44.3	
⑨	SHEAR KEY	SM490A	1	18.9	
⑩	BOTTOM BEARING	SM490A	1	360.0	
11	HEXAGON HOLE BOLT WITH WASHER	—————	16	5.3	JIS B 1176
12	HEXAGON HOLE BOLT WITH WASHER	—————	16	4.3	JIS B 1176
⑬	HEXAGON HEAD BOLT WITH WASHER	—————	20	7.2	JIS B 1180
TOTAL WEIGHT				3721.0	(kg)
CORROSION PROOF FOR OUTSIDE PL					
HOT-DIP GALVANIZED		COATING OVER 550g/m ² , 350g/m ² (FOR BOLT, WASHER & NUT)			

- NOTES: 1- CIRCLE NUMBER IN MATERIAL TABLE INDICATES HOT-DIP GALVANIZED.
 2- THIS DWG FOR REFERENCE.
 3- TOP AND BOTTOM SURFACE OF RUBBER BEARING PAINTED WITH ORGANIC ZINC-RICH.
 4- AFTER ASSEMBLE RUBBER BEARING, METAL OXIDE FILM BOLT (HEXAGON HOLE BOLT) PAINTED WITH HIGH-CONCENTRATION ZINC DUST.

**STEEL BOX GIRDER BRIDGE
(3-SPAN)**

SUBSTRUCTURE

**Quantity Calculation Report
for Substructure of Steel Box Girder Bridge
Package-1**

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1. Summary of Quantity

【 RC Pier Column & Beam Structure Quantity summarization table (1/1) 】

Work Item	Item		Specification	Division	Unit	Quantity						Total	Remark
						P6 PIER	P7 PIER	P5	P10				
Concrete	Reinforced Concrete Structure		$\sigma_{ck}=30\text{N/mm}^2$		m3	774.4	797.5					1,571.9	
Formwork	Reinforced Concrete Structure		normal form	$H \leq 30\text{m}$	m2	457.2	452.4					909.6	
			Plywood curved panel		"	152.4	189.2					341.6	
Bearing	Bearing Mortar		Non-shrinkage Mortar		m3	1.091	1.027	0.957	1.390			4.465	scope of superstructure construction
	Form for void for Anchor Bolt		Cylindrical mold $\phi 200$		m	10.7	12.7					23.4	
	Box-out Formwork				m2	10.3	11.0					21.3	
Falsework	Scaffolding (single pipe type)		Average height	$H \leq 30\text{m}$	m2	798	893					1,691	
				$H > 30\text{m}$	"	—	—					—	
	Total			"	798	893						1,691	
Supporting	Support (wedge type)	maximum height from the formation	Support capacity	Under 40kN/m ²	m3	—	—					—	
				40kN/m ² exceed								—	
				Under 80kN/m ²	"	—	—					—	
				80kN/m ² exceed	"	83	103					186	
Total			"	83	103						186		
Re-bar	Re-bar		SD345	D 13	kg	—	—					—	
				D16 ~ D25	"	43,078	55,164					98,242	
				D29 ~ D32	"	48,900	7,241					56,141	
				D 35	"	—	—					—	
				D 38	"	—	59,792					59,792	
				D 51	"	—	—					—	
				Total		91,978	122,197					214,175	
	Mechanical splice		SD345	D 32	Point	342	—					342	
				D 38	"	—	422				422		
				Total	"	342	422				764		

【 Steel pipe foundation Quantity summarization table (1/4) 】

Work Item	Component	Division		Unit	Quantity				Total	Remark		
					P6 PIER	P7 PIER						
Steel pipe foundation	Steel pipe well	Steel pipe length(φ1200mm)		m/Number	59.5	61.5			—			
		Pile number		Number	34	32			66	Outside Steel Pipe Well		
				"	0	4			4	Diaphragm Steel Sheet Pipe Wall		
		Total		"	34	36			70			
		Pile extension		m	2,023.0	2,214.0			4,237.0			
		Embedded depth		m	52.9	51.3			104.2	Soil Coefficient=1.00		
				"	—	—			—	Soil Coefficient=1.07		
		(Type A·C·E)	Steel pipe weight	φ1200	t=14mm	t	19.428	—		19.428	SKY400	
					t=16mm	"	5.604	—		5.604	SKY400	
				φ165.2	t=11mm	"	4.800	—		4.800	STK400	
			Accessories weight	Reinforcement Band		PL t= 9mm	t	0.080	—		0.080	SS400
				Membars for Perimeter Field Welding (Backing Ring Stopper)		PL t=14mm	"	0.012	—		0.012	SS400
						PL t=16mm	"	—	—		—	SS400
				Sling		PL t=22mm	"	0.036	—		0.036	SM490A
				Interlocking Toe		PL t=12mm	Piece	2	—		2	SS400
				In-situ Attached Interlocking			Point	2	—		2	STK400
				Precut			"	2	—		2	
			(Type B·D·F)	Steel pipe weight	φ1200	t=14mm	t	19.428	—		19.428	SKY400
						t=16mm	"	5.604	—		5.604	SKY400
					φ165.2	t=11mm	"	4.800	—		4.800	STK400
				Accessories weight	Reinforcement Band		PL t= 9mm	t	0.080	—		0.080	SS400
		Membars for Perimeter Field Welding (Backing Ring Stopper)			PL t=14mm	"	0.012	—		0.012	SS400	
					PL t=16mm	"	—	—		—	SS400	
		Sling			PL t=22mm	"	0.036	—		0.036	SM490A	
		Interlocking Toe			PL t=12mm	Piece	2	—		2	SS400	
		In-situ Attached Interlocking				Point	2	—		2	STK400	
		Precut				"	2	—		2		
		(Type A·D)		Steel pipe weight	φ1200	t=14mm	t	—	17.996		17.996	SKY400
						t=16mm	"	—	8.173		8.173	SKY400
					φ165.2	t=11mm	"	—	5.008		5.008	STK400
Accessories weight	Reinforcement Band			PL t= 9mm	t	—	0.080		0.080	SS400		
	Membars for Perimeter Field Welding (Backing Ring Stopper)		PL t=14mm	"	—	0.012		0.012	SS400			
			PL t=16mm	"	—	—		—	SS400			
	Sling		PL t=22mm	"	—	0.036		0.036	SM490A			
	Interlocking Toe		PL t=12mm	Piece	—	2		2	SS400			
	In-situ Attached Interlocking			Point	—	2		2	STK400			
	Precut			"	—	2		2				

【 Steel pipe foundation Quantity summarization table (2/4) 】

Work Item	Component	Division			Unit	Quantity				Total	Remark		
						P6 PIER	P7 PIER						
Steel pipe foundation	Steel pipe well	Number (Type B・C・E)	Steel pipe weight	φ 1200	t=14mm	t	—	17.996			17.996	SKY400	
						t=16mm	"	—	8.173			8.173	SKY400
					φ 165.2	t=11mm	"	—	5.008			5.008	STK400
			Accessories weight	Reinforcement Band	PL t= 9mm	t	—	0.080			0.080	SS400	
				Membars for Perimeter Field Welding (Backing Ring Stopper)	PL t=14mm	"	—	0.012			0.012	SS400	
					PL t=16mm	"	—	—			—	SS400	
				Sling	PL t=22mm	"	—	0.036			0.036	SM490A	
				Interlocking Toe	PL t=12mm	Piece	—	2			2	SS400	
				In-situ Attached Interlocking		Point	—	2			2	STK400	
		Precut			"	—	2			2			
		Number (Type F)	Steel pipe weight	φ 1200	t=14mm	t	—	17.996			17.996	SKY400	
						t=16mm	"	—	8.173			8.173	SKY400
					φ 165.2	t=11mm	"	—	7.512			7.512	STK400
			Accessories weight	Reinforcement Band	PL t= 9mm	t	—	0.080			0.080	SS400	
				Membars for Perimeter Field Welding (Backing Ring Stopper)	PL t=14mm	"	—	0.012			0.012	SS400	
					PL t=16mm	"	—	—			—	SS400	
				Sling	PL t=22mm	"	—	0.036			0.036	SM490A	
				Interlocking Toe	PL t=12mm	Piece	—	3			3	SS400	
				In-situ Attached Interlocking		Point	—	3			3	STK400	
		Precut			"	—	3			3			
		Number (Type G)	Steel pipe weight	φ 1200	t=14mm	t	—	25.154			25.154	SKY400	
						t=14mm	"	—	—		—	SKY490	
					φ 165.2	t=11mm	"	—	5.006			5.006	STK400
			Accessories weight	Reinforcement Band	PL t= 9mm	t	—	0.080			0.080	SS400	
				Membars for Perimeter Field Welding (Backing Ring Stopper)	PL t=14mm	"	—	0.012			0.012	SS400	
					PL t=16mm	"	—	—			—	SS400	
				Sling	PL t=22mm	"	—	0.036			0.036	SM490A	
				Interlocking Toe	PL t=12mm	Piece	—	2			2	SS400	
				In-situ Attached Interlocking		Point	—	2			2	STK400	
		Precut			"	—	2			2			
		Number (Type H)	Steel pipe weight	φ 1200	t=14mm	t	—	25.154			25.154	SKY400	
						t=14mm	"	—	—		—	SKY490	
					φ 165.2	t=11mm	"	—	5.008			5.008	STK400
			Accessories weight	Reinforcement Band	PL t= 9mm	t	—	0.080			0.080	SS400	
				Membars for Perimeter Field Welding (Backing Ring Stopper)	PL t=14mm	"	—	0.012			0.012	SS400	
					PL t=16mm	"	—	—			—	SS400	
Sling	PL t=22mm			"	—	0.036			0.036	SM490A			
Interlocking Toe	PL t=12mm			Piece	—	2			2	SS400			
In-situ Attached Interlocking				Point	—	2			2	STK400			
Precut		"		—	2			2					

【 Steel pipe foundation Quantity summarization table (3/4) 】

Work Item	Component	Division				Unit	Quantity				Total	Remark
							P6 PIER	P7 PIER				
Steel pipe foundation	Steel pipe well	All number	Steel pipe weight	φ 1200	t=14mm	t	660.552	676.488			1,337.040	SKY400
					t=16mm	"	190.536	261.536			452.072	SKY400
			φ 165.2	t=11mm	"	163.200	185.292			348.492	STK400	
		Accessories weight	Reinforcement Band	PL t= 9mm	t	2.720	2.880			5.600	SS400	
			Membars for Perimeter Field Welding (Backing Ring Stopper)	PL t=14mm	"	0.408	0.432			0.840	SS400	
				PL t=16mm	"	—	—			—	SS400	
				Sling	PL t=22mm	"	1.224	1.296			2.520	SM490A
			Interlocking Toe	PL t=12mm	Piece	68	74			142	SS400	
			In-situ Attached Interlocking		Point	68	74			142	STK400	
			Precut		"	68	74			142		
	Excavation inside			m3	374.1	325.9			700.0			
	Concrete filling	Pile head		"	0.0	28.1			28.1			
		Fill concrete	σ ck=21N/mm2	m3	319.9	301.1			621.0	Correction factor=0.04		
		Pile head	σ ck=24N/mm2	"	0.0	5.4			5.4			
	Cleaning inside joint pipe			m	1,738.7	1,850.5			3,589.2			
	Mortar filling inside joint pipe	σ ck=21N/mm2	Mortar length	m	1,679.9	1,813.4			3,493.3	Mortar=2.5m3/100m		
			Mortar quantity	m3	44.1	47.6			91.7	Correction factor=0.05		
	Sealing inside joint pipe	σ ck=0.2N/mm2	Sealing length	m	271.7	348.5			620.2			
			Sealing quantity	m3	7.8	9.9			17.7			
			Sealing bag	m	543.4	697.0			1,240.4			
	Excavation inside the well			m3	993.2	807.4			1,800.6			
	Backfill inside the well			m3	218.0	119.5			337.5			
	Surplus soil (waste soil)			m3	775.2	687.9			1,463.1			
	Footing concrete		σ ck=24N/mm2	m3	482.8	436.4			919.2	Correction factor=0.09		
	Bottom slab concrete		σ ck=21N/mm2	m3	263.1	228.0			491.1			
	Spread sand			m3	60.4	52.3			112.7			
	Pile head	Shear Connector	PL-32 × 16 × 3597	kg	—	116			116			
		Stopper	PL-25 × 9 × 50	"	—	2			2			
	Pile head Re-bar	Re-bar	SD345	D 13	kg	—	168			168		
				D16 ~ D25	"	—	341			341		
				D29 ~ D32	"	—	—			—		
				Total	"	—	509			509		
Footing Re-bar	Re-bar	SD345	D 13	kg	—	—			—			
			D16 ~ D25	"	6,285	5,399			11,684			
			D29 ~ D32	"	21,007	7,878			28,885			
			D 35	"	—	—			—			
			D 38	"	—	17,760			17,760			
			D 51	"	—	—			—			
			Total	"	27,292	31,037			58,329			
	Mechanical splice	SD345	D 38	Point	—	82			82			
		D 51	"	—	—			—				
		Total	"	—	82			82				

【 Steel pipe foundation Quantity summarization table (4/4) 】

Work Item	Component	Division		Unit	Quantity				Total	Remark
					P6 PIER	P7 PIER				
Steel pipe foundation	Falsework (guide frame, wale, strut)	Guide frame	H-300×300×10×15	t	9.2	—			9.2	
			H-350×350×12×19	"	—	13.9			13.9	
		Guide pile	H-300×300×10×15	"	59.5	52.1			111.6	
			Support Beam of Guide frame	[-200×90×8×13.5	"	1.2	1.1			2.3
		wale	H-300×300×10×15	t	4.1	9.7			13.8	
			H-350×350×12×19	"	12.0	14.1			26.1	
			H-400×400×13×21	"	—	—			—	
		strut	H-300×300×10×15	t	4.2	4.1			8.3	
			H-350×350×12×19	"	5.9	8.8			14.7	
			H-400×400×13×21	"	—	—			—	
		Pillar	H-300×300×10×15	t	5.5	5.5			11.0	
			H-350×350×12×19	"	7.9	11.9			19.8	
			H-400×400×13×21	"	—	—			—	
		Main component Total		t	39.6	54.1			93.7	
	Sub component A		"	8.7	11.9			20.6		
	Sub component B		"	1.6	2.2			3.8		
	Total		"	49.9	68.2			118.1		
	Concrete filling to space between	Falsework	σ _{ck} =18N/mm ²		m3	16.1	18.7		34.8	
		Formwork			m2	48.7	53.3		102.0	
	Welding of the dowel	Welding of the dowel stage			Stage	748	768		1,516	
Welding of the dowel Weight			kg	7,364	7,474		14,838			
Cut-off the pipe	φ1200			Number	34	36		70		

2. P6 PIER

2.1 Quantity summary table

【 P6 PIER Quantity summary table (1/4) 】

Work Item	Item		Specification	Division	Unit	Quantity	Remark
Concrete	Reinforced Concrete Structure		$\sigma_{ck}=30N/mm^2$		m ³	774.4	
Formwork	Reinforced Concrete Structure		normal form	$H \leq 30m$	m ²	457.2	
			Plywood curved panel		"	152.4	
Bearing	Bearing Mortar		Non-shrinkage Mortar		m ³	1.091	Superstructure construction
	Form for void for Anchor Bolt		Cylindrical mold $\phi 250$		m	10.7	
	Box-out Formwork				m ²	10.3	
Falsework	Scaffolding (single pipe type)		Average height	$H \leq 30m$	m ²	798	
				$H > 30m$	"	—	
	Total					"	798
Supporting	Support (wedge type)	maximum height from the formation	Support capacity	Under 40kN/m ²	m ³	—	
				40kN/m ² exceed			
				Under 80kN/m ²	"	—	
				80kN/m ² exceed	"	83	
	Total					"	83
Re-bar	Re-bar		SD345	D 13	kg	—	
				D16 ~ D25	"	43,078	
				D29 ~ D32	"	48,900	
				D 35	"	—	
				D 38	"	—	
				D 51	"	—	
				Total		91,978	
	Mechanical splice		SD345	D 32	Point	342	
				D 38	"	—	
				Total	"	342	

【 P6 PIER Quantity summary table (2/4) 】

Work Item	Component	Division		Unit	Quantity	Remark		
Steel pipe foundation	Steel pipe well	Steel pipe length(ϕ 1200mm)		m/Number	59.5			
		Pile number		Number	34	Outside Steel Pipe Well		
				"	0	Diaphragm Steel Sheet Pipe Wall		
		Total		"	34			
		Pile extension		m	2,023.0			
		Embedded depth		m	52.9	Soil Coefficient=1.00		
		I n n u m b e r (T y p e A · C · E)	Steel pipe weight	ϕ 1200	t=14mm	t	19.428	SKY400
					t=16mm	"	5.604	SKY400
				ϕ 165.2	t=11mm	"	4.800	STK400
			Accessories weight	Reinforcement Band	PL t= 9mm	t	0.080	SS400
				Members for Perimeter Field Welding (Backing Ring Stopper)	PL t=14mm	"	0.012	SS400
					PL t=16mm	"	—	SS400
				Sling	PL t=22mm	"	0.036	SM490A
				Interlocking Toe	PL t=12mm	Piece	2	SS400
				In-situ Attached Interlocking		Point	2	STK400
			Precut		"	2		
		I n n u m b e r (T y p e B · D · F)	Steel pipe weight	ϕ 1200	t=14mm	t	19.428	SKY400
					t=16mm	"	5.604	SKY400
				ϕ 165.2	t=11mm	"	4.800	STK400
			Accessories weight	Reinforcement Band	PL t= 9mm	t	0.080	SS400
				Members for Perimeter Field Welding (Backing Ring Stopper)	PL t=14mm	"	0.012	SS400
					PL t=16mm	"	—	SS400
				Sling	PL t=22mm	"	0.036	SM490A
				Interlocking Toe	PL t=12mm	Piece	2	SS400
In-situ Attached Interlocking				Point	2	STK400		
Precut			"	2				
A l l n u m b e r	Steel pipe weight	ϕ 1200	t=14mm	t	660.552	SKY400		
			t=16mm	"	190.536	SKY400		
		ϕ 165.2	t=11mm	"	163.200	STK400		
	Accessories weight	Reinforcement Band	PL t= 9mm	t	2.720	SS400		
		Members for Perimeter Field Welding (Backing Ring Stopper)	PL t=14mm	"	0.408	SS400		
			PL t=16mm	"	—	SS400		
		Sling	PL t=22mm	"	1.224	SM490A		
		Interlocking Toe	PL t=12mm	Piece	68	SS400		
		In-situ Attached Interlocking		Point	68	STK400		
	Precut		"	68				

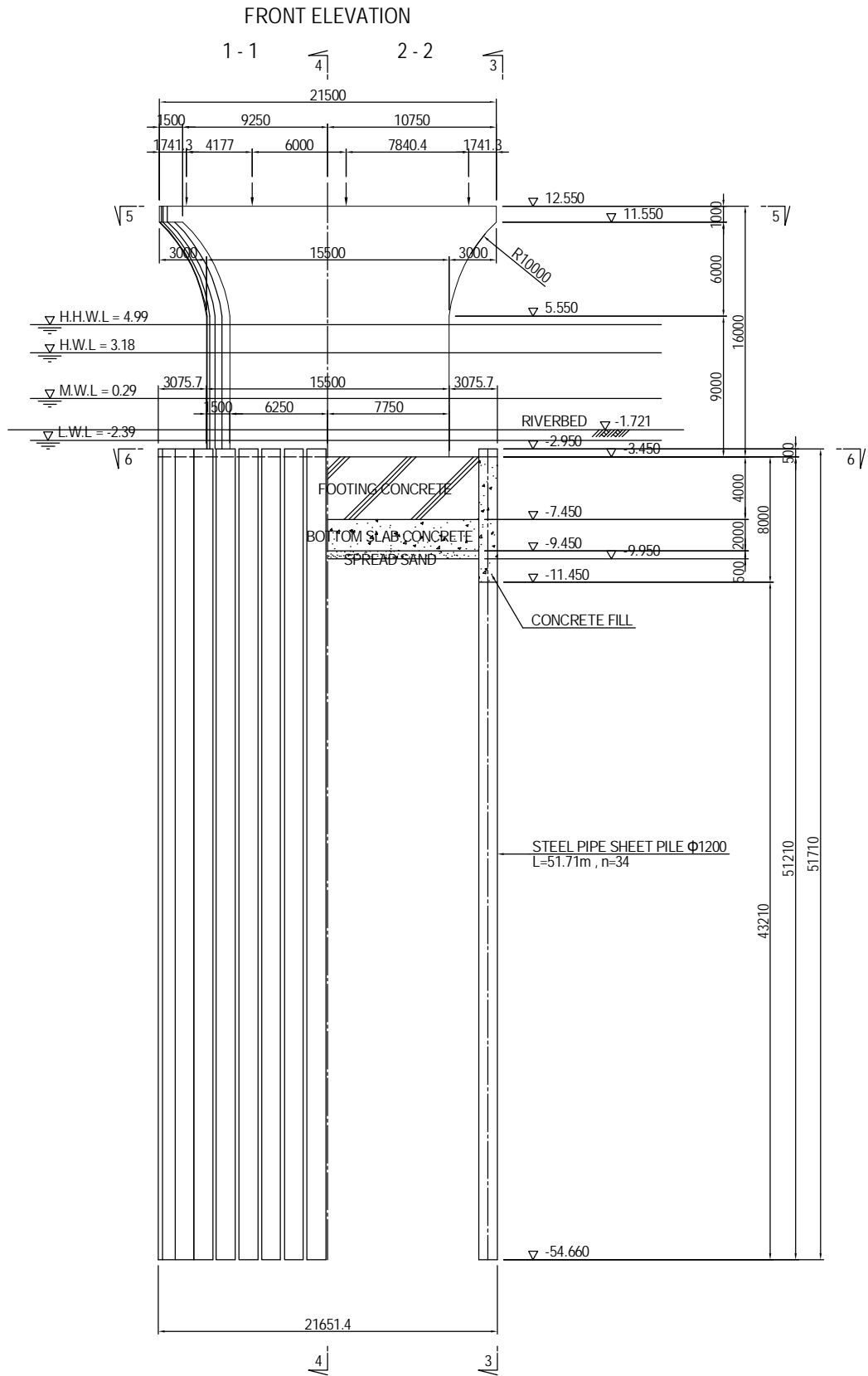
【 P6 PIER Quantity summary table (3/4) 】

Work Item	Component	Division		Unit	Quantity	Remark	
Steel pipe founda- tion	Excavation inside			m3	374.1		
		Pile head		"	0.0		
	Concrete filling	Fill concrete	$\sigma_{ck}=21\text{N/mm}^2$		m3	319.9	Correction factor=0.04
		Pile head	$\sigma_{ck}=24\text{N/mm}^2$		"	0.0	
	Cleaning inside joint pipe			m	1,738.7		
	Mortar filling inside joint pipe	$\sigma_{ck}=21\text{N/mm}^2$	Mortar length		m	1,679.9	Mortar=2.5m ³ /100m
			Mortar quantity		m3	44.1	Correction factor=0.05
	Sealing inside joint pipe	$\sigma_{ck}=0.2\text{N/mm}^2$	Sealing length		m	271.7	Mortar=2.5m ³ /100m
			Sealing quantity		m3	7.8	Correction factor=0.14
			Sealing bag		m	543.4	Sealing 100m=200.0
	Excavation inside the well			m3	993.2		
	Backfill inside the well			m3	218.0		
	Surplus soil (waste soil)			m3	775.2		
	Footing concrete	$\sigma_{ck}=24\text{N/mm}^2$		m3	482.8		
	Bottom slab concrete	$\sigma_{ck}=21\text{N/mm}^2$		m3	263.1	Correction factor=0.09	
	Spread sand			m3	60.4		
	Pile head	Shear Connector	PL-32 × 16 × 3597		kg	—	
		Stopper	PL-25 × 9 × 50		"	—	
	Pile head Re-bar	Re-bar	SD345	D 13	kg	—	
				D16 ~ D25	"	—	
				D29 ~ D32	"	—	
				Total	"	—	
	Footing Re-bar	Re-bar	SD345	D 13	kg	—	
				D16 ~ D25	"	6,285	
				D29 ~ D32	"	21,007	
				D 35	"	—	
				D 38	"	—	
				D 51	"	—	
Total				"	27,292		
Mechanical splice		SD345	D 38	Point	—		
		D 51	"	—			
		Total	"	—			

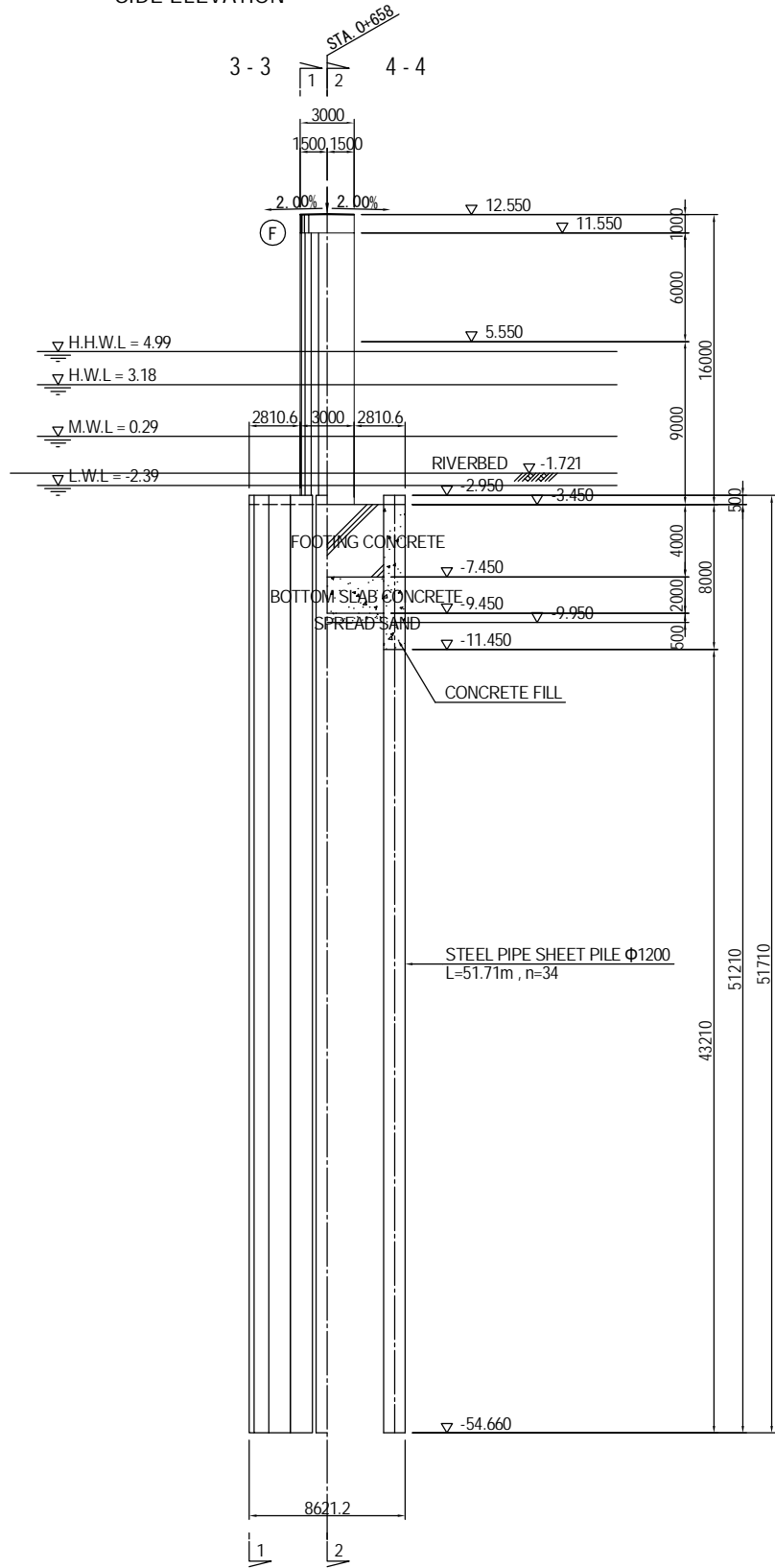
【 P6 PIER Quantity summary table (4/4) 】

Work Item	Component	Division		Unit	Quantity	Remark		
S t e e l p i p e f o u n d a t i o n	Falsework (guide frame, wale, strut)	Guide frame	H-300 × 300 × 10 × 15	t	9.2			
		Guide pile	H-300 × 300 × 10 × 15	"	59.5			
		Support Beam of Guide frame	[-200 × 90 × 8 × 13.5	"	1.2			
		wale	H-300 × 300 × 10 × 15	t	4.1			
			H-350 × 350 × 12 × 19	"	12.0			
			H-400 × 400 × 13 × 21	"	—			
		strut	H-300 × 300 × 10 × 15	t	4.2			
			H-350 × 350 × 12 × 19	"	5.9			
			H-400 × 400 × 13 × 21	"	—			
		Pillar	H-300 × 300 × 10 × 15	t	5.5			
			H-350 × 350 × 12 × 19	"	7.9			
			H-400 × 400 × 13 × 21	"	—			
		Main component Total				t	39.6	SS400
		Sub component A				"	8.7	22%
	Sub component B				"	1.6	4%	
	Total				"	49.9		
	Concrete filling to space between	Falsework	$\sigma_{ck}=18N/mm^2$		m3	16.1	Correction factor=0.04	
		Formwork			m2	48.7		
	Welding of the dowel	Welding of the dowel stage			Stage	748		
		Welding of the dowel Weight			kg	7,364		
Cut-off the pipe	$\phi 1200$			Number	34			

2.2 General arrangement

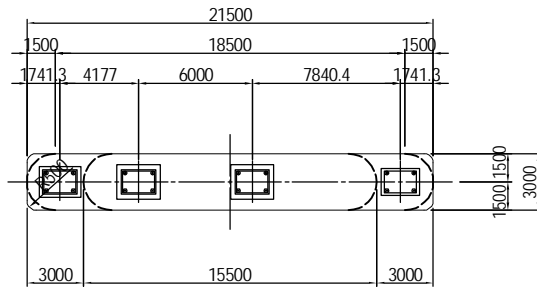


SIDE ELEVATION



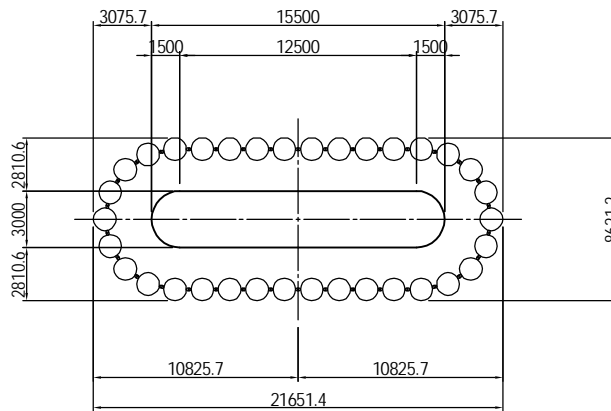
PLAN

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PLAN

6 - 6



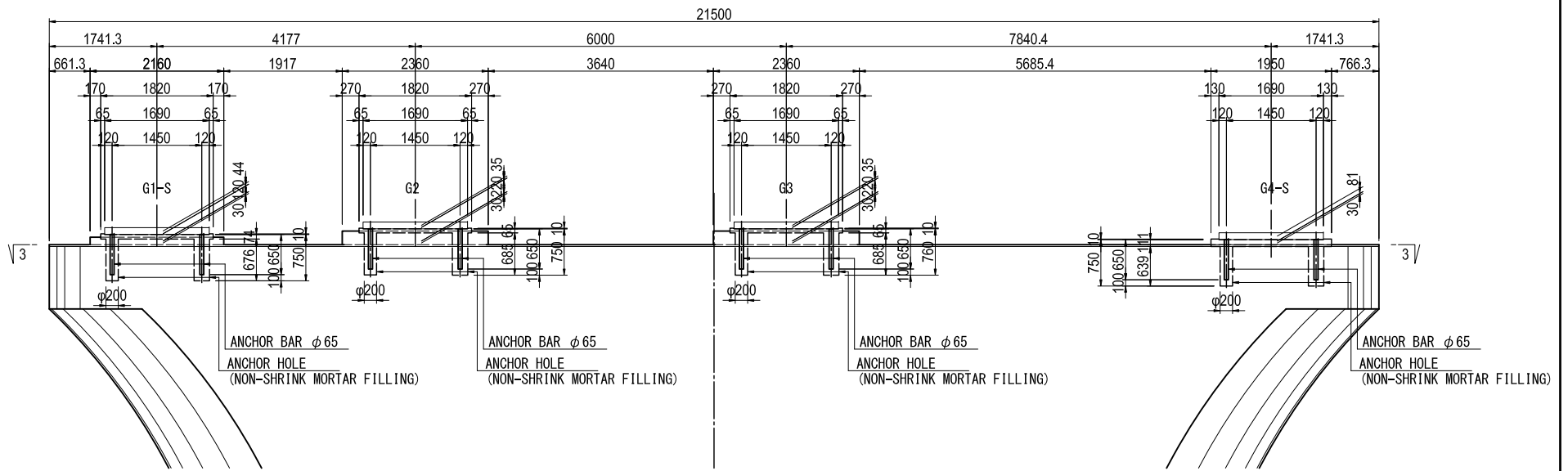
USE MATERIALS

	CONCRETE	BAR
BEAM	$\sigma_{ck} = 30 \text{ N/mm}^2$	SD345
COLUMN	$\sigma_{ck} = 30 \text{ N/mm}^2$	SD345
FOOTING	$\sigma_{ck} = 24 \text{ N/mm}^2$	SD345

DETAIL OF BEARING AND ANCHOR

FRONT ELEVATION

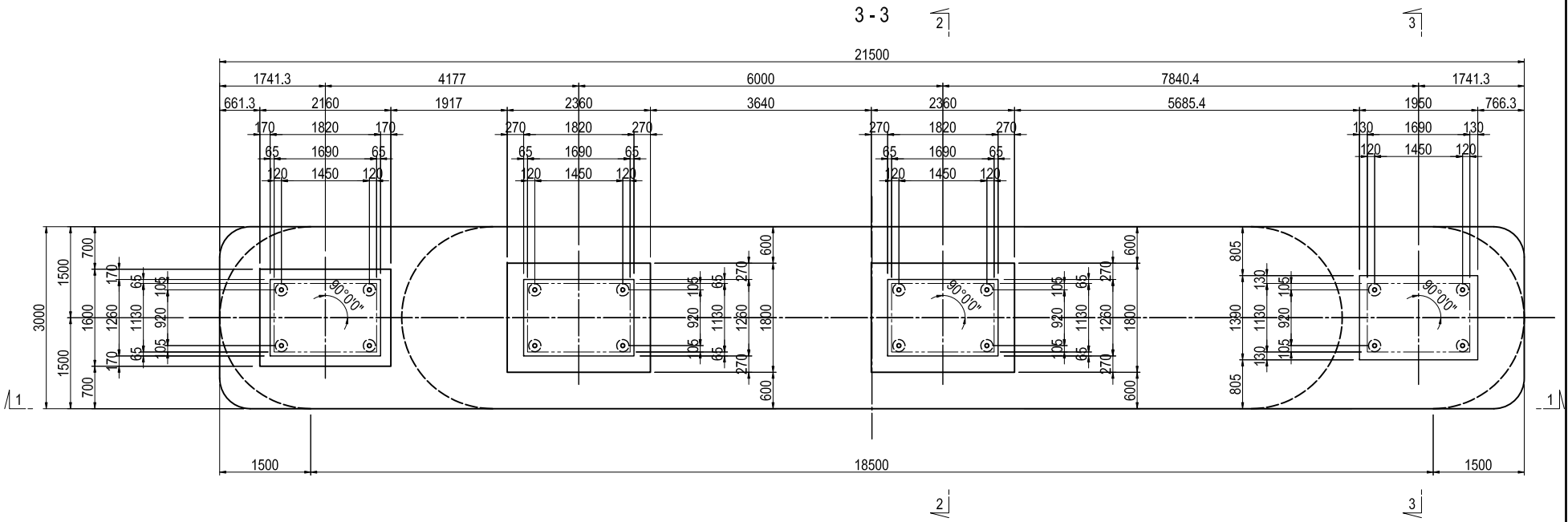
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PLAN

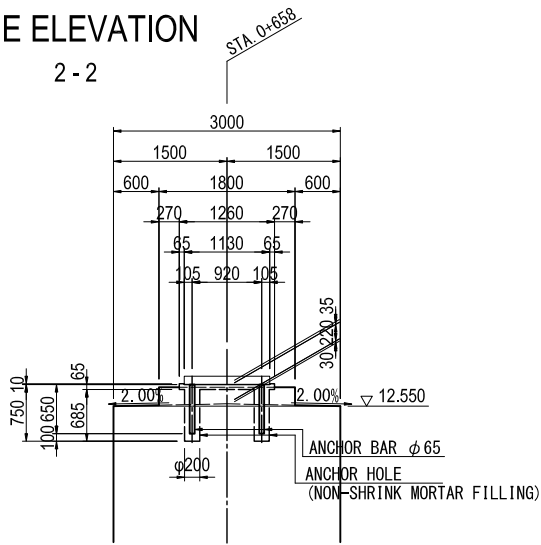
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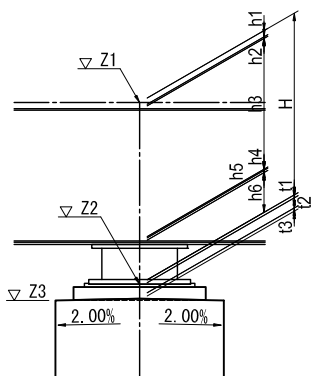
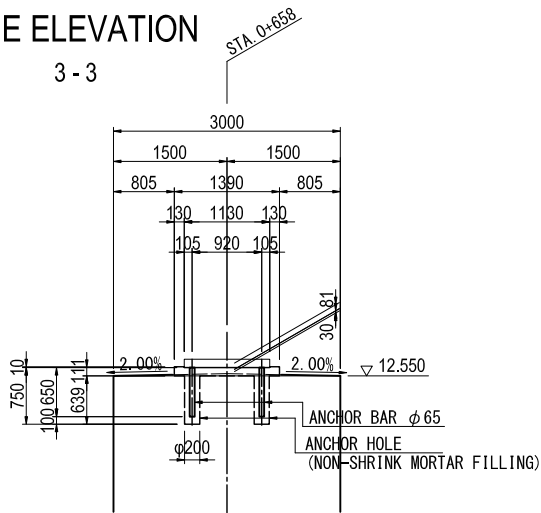
SIDE ELEVATION

2 - 2



SIDE ELEVATION

3 - 3



	P6 PIER				
	G1-S	G2	G3	G4-S	
PROPOSED HEIGHT	Z1	16.083	16.167	16.167	16.010
PAVEMENT	h1	0.080	0.080	0.080	0.080
UPPER FLANGE	h2	0.016	0.016	0.016	0.016
GIRDER	h3	2.706	2.700	2.700	2.706
BOTTOM FLANGE	h4	0.015	0.014	0.014	0.025
SOLE PLATE	h5	0.038	0.038	0.038	0.038
BEARING	h6	0.484	0.484	0.484	0.484
SUBTOTAL	H	3.339	3.332	3.332	3.349
ELEVATION OF BEARING BOTTOM	Z2	12.744	12.835	12.835	12.661
MORTAR	t1	0.044	0.035	0.035	0.081
BEARING BASE	t2	0.120	0.220	0.220	0.000
DRAINAGE INCLINE	t3	0.030	0.030	0.030	0.030
ELEVATION OF PIER TOP	Z3	12.550	12.550	12.550	12.550

2.3 Concrete

(1) Pier ($\sigma_{ck} = 30\text{N/mm}^2$)

1) Top Beam

$$\textcircled{1} \quad 21.500 * 3.000 * 1.000 = 64.500 \text{ m}^3$$

Grade Concrete

$$1/2 * 1.500 * 0.030 * 21.500 * 2 = 0.968 \text{ ''}$$

Base Concrete

$$\text{G1} \quad 2.160 * 1.600 * 0.120 = 0.415 \text{ ''}$$

$$\text{G2, G3} \quad 2.360 * 1.800 * 0.220 * 2 = 1.869 \text{ ''}$$

Beam corner cut off

$$-(1.000 * 1.000 - \pi/4 * 1.000 * 1.000) * 1.000 = -0.215 \text{ ''}$$

$$\text{Top Beam total} = 67.537 \text{ m}^3$$

2) Beam and Pier Column

【 Cross section 】

$$\text{A} = \pi/4 * 3.000 * 3.000 + 12.500 * 3.000 = 44.569 \text{ m}^2$$

$$\textcircled{2} \quad 44.569 * 9.000 = 401.121 \text{ m}^3$$

$$\textcircled{3} \quad 1/2 * (12.500 + 18.500) * 6.000 * 3.000 = 279.000 \text{ ''}$$

$$\textcircled{4} \quad \pi/4 * 3.000 * 3.000 * 6.000 = 42.412 \text{ ''}$$

Subtraction of circular arc parts

$$-(\pi * 10.000 * 10.000 * 39.195 / 360 - 1/2 * 6.708 * 9.421) * 3.000 * 2 = -15.636 \text{ ''}$$

$$\text{Beam and Pier Column total} = 706.897 \text{ m}^3$$

$$\text{Pier total} = 774.434 \text{ m}^3$$

2.4 Formwork

(1) Pier

【 Formwork Division 】 normal form

【 Structure Division 】 Reinforced Concrete Structure

【 height Division 】 [Average height] $H \leq 30m$

1) Top Beam

1	20.500	*	1.000	*	2		=	41.000 m2	
2	2.000	*	1.000	*	2		=	4.000 "	
3	(3.000	*	3.000	-	$\pi/4$	*	3.000	*	3.000)
	- (1.000	*	1.000	-	$\pi/4$	*	1.000	*	1.000)
							=	1.717 "	

Grade Concrete

$$1/2 * 1.500 * 0.030 * 2 * 2 = 0.090 "$$

Base Concrete

$$G1 (2.160 + 1.600) * 2 * 0.120 = 0.902 "$$

$$G2, G3 (2.360 + 1.800) * 2 * 0.220 * 2 = 3.661 "$$

Top Beam total = 51.370 m2

2) Beam and Pier Column

4	12.500	*	9.000	*	2		=	225.000 m2
5	1/2 * (12.500	+	18.500)	*	6.000	*	2	= 186.000 "

Subtraction of circular arc parts

$$- (\pi * 10.000 * 10.000 * 39.195 / 360 - 1/2 * 6.708 * 9.421) * 2 = -5.212 "$$

Beam and Pier Column total = 405.788 m2

normal form total = 457.158 m2

【 Structure Division 】 Reinforced Concrete Structure(Plywood curved panel)

1) Top Beam

A	π	*	1.000	*	1.000		=	3.142 m ²
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2) Beam and Pier Column

B	π	*	3.000	*	9.000		=	84.823 m ²
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C	π	*	3.000	*	6.841		=	64.475 "
---	-------	---	-------	---	-------	--	---	----------

	Beam and Pier Column total	=	149.298 m ²
--	----------------------------	---	------------------------

	Plywood curved panel total	=	152.440 m ²
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2.5 Re-bar

Work Item	Item	Specification	Division	Unit	Quantity	Remark	
Re-bar	Re-bar	SD345	D 13	kg	—		
			D16~D25	D 16	"	4,078	
				D 19	"	39,000	
				D 22	"	—	
				D 25	"	—	
				Total	"	43,078	
				D29~D32	D 29	"	6,604
			D 32		"	42,296	
			Total		"	48,900	
			D 35	"	—		
			D 38	"	—		
			D 51	"	—		
			Total	"	91,978		
	Mechanical splice	SD345	D 32	Point	342		
			D 38	"	—		
			Total	"	342		

2.6 Bearing

(1) Non-shrinkage Mortar

* G1		t 1 = 54 mm												
Bearing	1.820	*	1.260	*	0.054		=	0.1238	m3					
Box-out	1.820	*	1.260	*	0.030		=	0.0688	"					
Void	1/4	*	π	*	0.200	*	0.200	*	0.676	*	4	=	0.0849	"
Base pl	-	1.690	*	1.130	*	0.010		=	-0.0191	"				
Anchor	-1/4	*	π	*	0.065	*	0.065	*	0.650	*	4	=	-0.0086	"
<hr/>														
								v1	=	0.2498	m3			
* G2&G3		t 2 = 45 mm												
Bearing	1.820	*	1.260	*	0.045		=	0.1032	m3					
Box-out	1.820	*	1.260	*	0.030		=	0.0688	"					
Void	1/4	*	π	*	0.200	*	0.200	*	0.685	*	4	=	0.0861	"
Base pl	-	1.690	*	1.130	*	0.010		=	-0.0191	"				
Anchor	-1/4	*	π	*	0.065	*	0.065	*	0.650	*	4	=	-0.0086	"
<hr/>														
								v2	=	0.2304	m3			
* G4		t 3 = 91 mm												
Bearing	1.950	*	1.390	*	0.091		=	0.2467	m3					
Box-out	1.950	*	1.390	*	0.030		=	0.0813	"					
Void	1/4	*	π	*	0.200	*	0.200	*	0.639	*	4	=	0.0803	"
Base pl	-	1.690	*	1.130	*	0.010		=	-0.0191	"				
Anchor	-1/4	*	π	*	0.065	*	0.065	*	0.650	*	4	=	-0.0086	"
<hr/>														
								v3	=	0.3806	m3			
V	=	0.2498	+	0.2304	*	2	+	0.3806	=	<u>1.0912</u>	m3			

(2) Form for void for Anchor Bolt

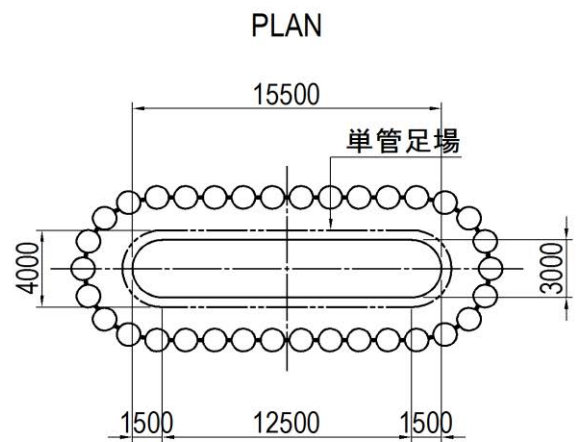
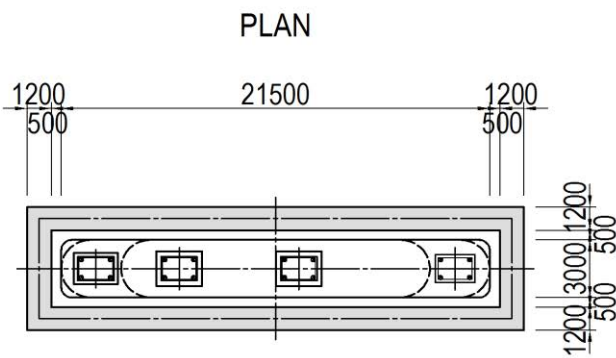
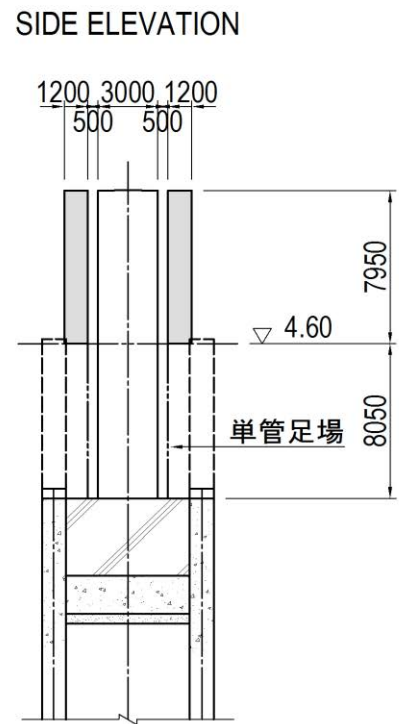
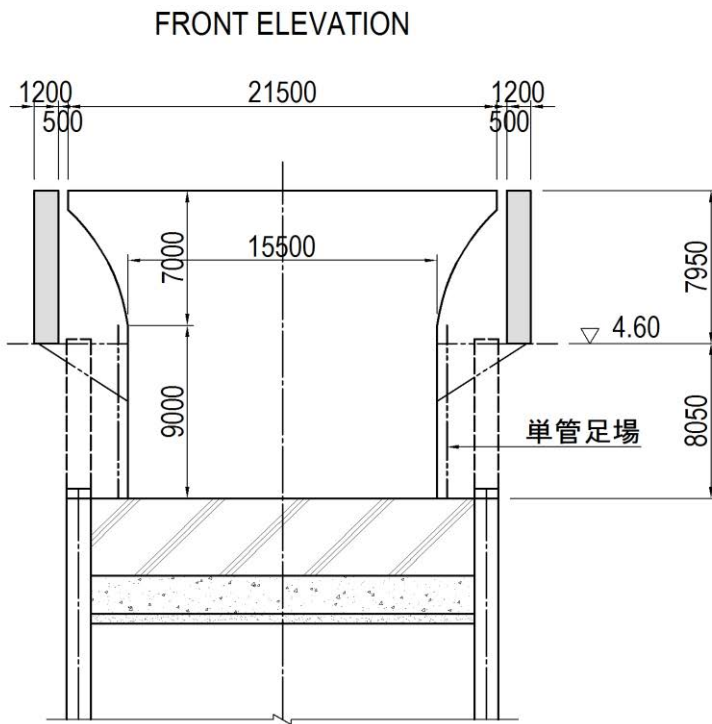
【 Cylindrical mold 】		$\phi = 200$		mm					
L1	=	0.685	*	4	*	2	=	5.480 m	
L2	=	0.676	*	4	*	1	=	2.704 "	
L3	=	0.639	*	4	*	1	=	2.556 "	
							ΣL	=	10.740 m

(3) Form for box-out

A1	=	{ 2 * (1.820 + 1.260) * 0.030	+ 1.820 * 1.260 }	*	3	=	7.434 m2		
A2	=	2 * (1.950 + 1.390) * 0.030	+ 1.950 * 1.390	=	2.911 "				
							ΣA	=	10.345 m2

2.7 Falsework

(1) Scaffolding (Hand rail precede type)



【height Division】 [Average height] ----- $H \leq 30m$

1) Beam

(Falsework height) H1 = 7.950 m

$$W = \{ 2 * (21.500 + 3.000) + 8.800 \} * 7.950 = 459.51 \text{ m}^2$$

2) Pierstud

(Falsework height) H2 = 9.000 m

$$W1 = 12.500 * 9.000 * 2 = 225.00 \text{ m}^2$$

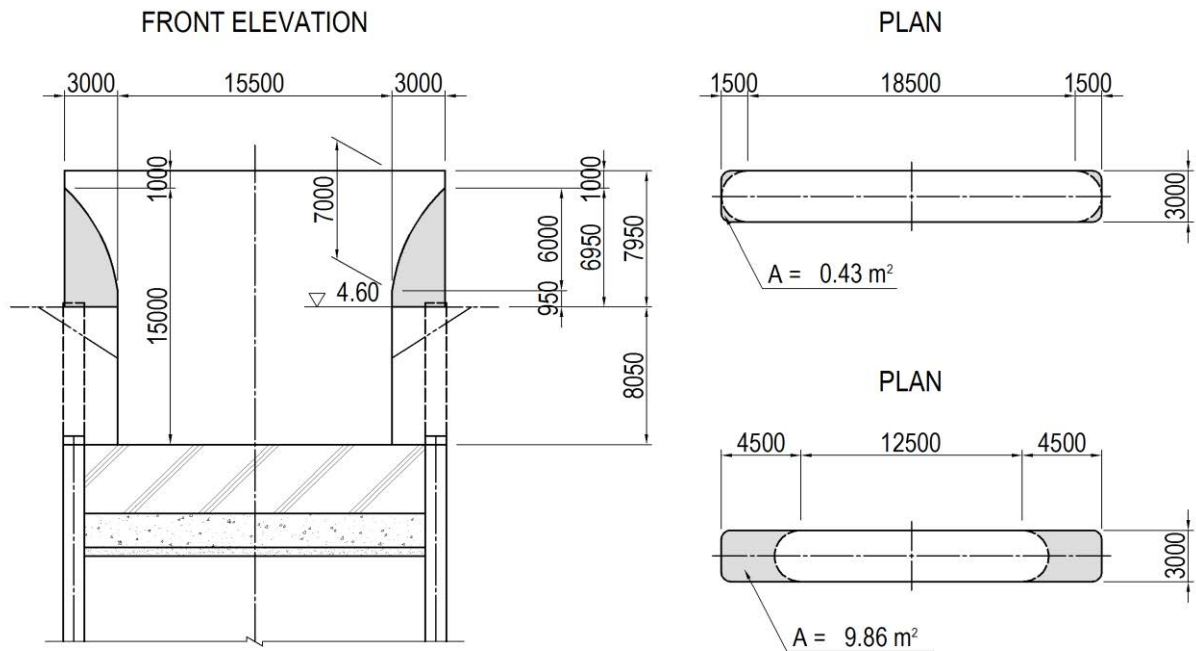
$$W2 = \pi * 4.000 * 9.000 = 113.10 \text{ ''}$$

$$\text{Pierstud total} = 338.10 \text{ m}^2$$

$$\text{Scaffolding (single pipe type) total} = 797.61 \text{ m}^2$$

2.8 Supporting

(1) Support (wedge type)



【height Division】 [Average height] ----- $H \leq 30\text{m}$

[maximum height from the formation] ----- $H \leq 30\text{m}$

【Average height】

$$H = \frac{1}{2} * (0.950 + 6.950) = \underline{\underline{3.950 \text{ m}}}$$

【Support capacity】

Average concrete $t = \frac{1}{2} * (100.0 + 700.0) = \underline{\underline{400.0 \text{ cm}}}$

$$= 250\text{cm} < t$$

Support capacity $\omega = 80\text{kN/m}^2 < \omega$

【Supporting area】

$$A1 = 9.86 * 2 = 19.72 \text{ m}^2$$

$$A2 = 0.43 * 4 = 1.72 \text{ m}^2$$

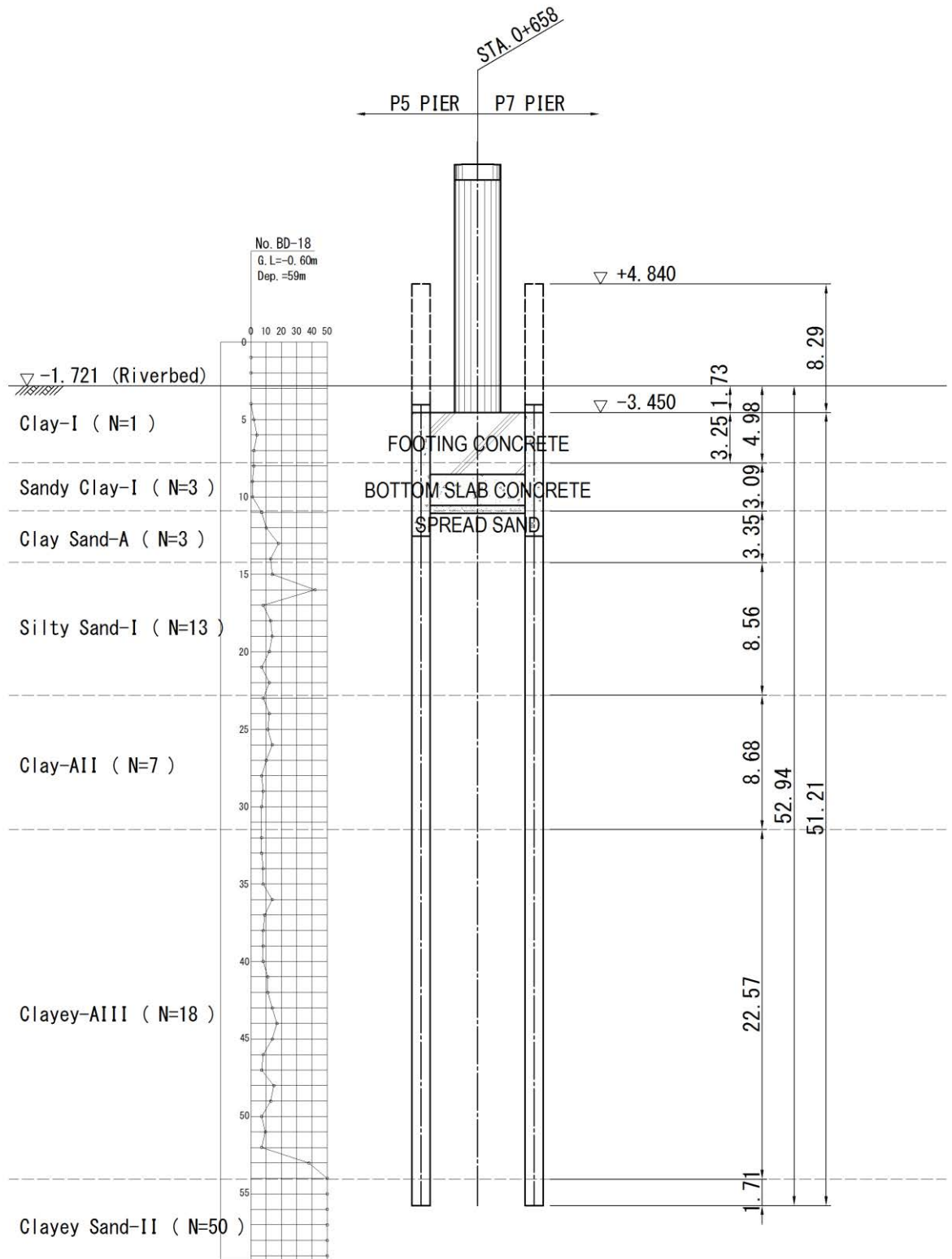
【Supporting vorum】

$$V1 = 19.72 * 0.950 = 18.73 \text{ m}^3$$

$$V2 = \frac{1}{2} * (19.72 + 1.72) * 6.000 = 64.32 \text{ m}^3$$

Supporting Total = 83.05 m³

2.9 Foundation



1. ruler

Guide frame : 0.300 m (H-300 × 300 × 10 × 15)
Weight : 93.0 kg/m
well Outside : 8.621 m (Bridge axial direction)
well Outside : 21.651 m (Right angle direction)
Steel pipe well : 1.200 m
Mounting space : 0.030 m

Guide frame (Outside)

$$\begin{aligned} L1 &= (8.621 + 0.030 + 0.300) \times \pi &= & 28.120 \text{ m} \\ L2 &= (21.651 - 8.621) \times 2 &= & 26.060 \text{ m} \\ \text{Total} & &= & 54.180 \text{ m} \\ W1 &= 54.180 \times 93.0 &= & 5.039 \text{ t} \end{aligned}$$

Guide frame (Inside)

$$\begin{aligned} L1 &= (8.621 - 1.200 \times 2 - 0.030 - 0.300) \times \pi &= & 18.507 \text{ m} \\ L2 &= (21.651 - 8.621) \times 2 &= & 26.060 \text{ m} \\ \text{Total} & &= & 44.567 \text{ m} \\ W2 &= 44.567 \times 93.0 &= & 4.145 \text{ t} \end{aligned}$$

Total

$$W = W1 + W2 = 5.039 + 4.145 = 9.184 \text{ t}$$

Guide frame : 0.300 m (H-300 × 300 × 10 × 15)
Weight : 93.0 kg/m
Guide pile : 20.000 m

Guide pile

$$\begin{aligned} n1 &= 32 \text{ number} \\ W1 &= 32 \times 20.000 \times 93.0 = 59.520 \text{ t} \end{aligned}$$

2. Excavation inside

Steel pipe well : 1.200 m
Steel pipe well area : 1.131 m²
Steel pipe well number : 34 number (Circumference)
Ground level : -1.721 m
Footing Top : -3.450 m
Footing : 4.000 m

$$\begin{aligned} \text{Excavation inside} &= 1.131 \times (-1.721 - -3.450 + 4.000 \times 2) \times 34 \\ &= 374.1 \text{ m}^3 \end{aligned}$$

3. Concrete filling

Steel pipe well : 1.200 m
 Steel pipe well area : 1.131 m²
 Filled concrete : 8.000 m
 Steel pipe well number : 34 number (Circumference)

$$\text{Concrete filling} = 1.131 \times 8.000 \times 34 = 307.6 \text{ m}^3$$

$$\text{Consumption} = 307.6 \times (1 + K) = 319.9 \text{ m}^3$$

(K: Correction factor = 0.04)

4. Cleaning inside joint pipe

Ground level : -1.721 m
 Steel pipe well Top : 4.840 m
 Steel pipe well : 59.500 m
 Steel pipe well Bottom : -54.660 m
 Nothing inside joint pip : 1.800 m (Steel pipe well Bottom)
 Inside joint pipe : 34 number (Circumference + Diaphragm Wall)

$$\text{Cleaning inside joint pipe} = (-1.721 - -54.660 - 1.800) \times 34 = 1738.7 \text{ m}$$

5. Mortar filling inside joint pipe

Footing Top : -3.450 m
 Steel pipe well Top : 4.840 m
 Steel pipe well : 59.500 m
 Steel pipe well Bottom : -54.660 m
 Nothing inside joint pip : 1.800 m (Steel pipe well Bottom)
 Inside joint pipe : 34 number (Circumference + Diaphragm Wall)
 inside joint pipe area : 0.025 m² (φ 165.2*t11)

$$\text{Mortar length} = (-3.450 - -54.660 - 1.800) \times 34 = 1679.9 \text{ m}$$

$$\text{Mortar quantity} = 1679.9 \times 0.025 = 42.0 \text{ m}^3$$

$$\text{Consumption} = 42.0 \times (1 + K) = 44.1 \text{ m}^3$$

(K: Correction factor = 0.05)

6. Sealing inside joint pipe

Footing Top : -3.450 m
 Steel pipe well Top : 4.840 m
 Nothing inside joint pip : 0.300 m (Steel pipe well Bottom)
 Steel pipe well Top : 34 number (Circumference)

$$\text{Sealing length} = (4.840 - -3.450 - 0.300) \times 34 = 271.7 \text{ m}$$

$$\text{Sealing quantity} = 271.7 \times 0.025 = 6.8 \text{ m}^3$$

$$\text{Consumption} = 6.8 \times (1 + K) = 7.8 \text{ m}^3$$

(K: Correction factor = 0.14)

$$\text{Sealing bag} = 271.7 \times 2 = 543.4 \text{ m}$$

7. Excavation inside the well

(1) Excavation

well Outside	:	8.621 m	(Bridge axial direction)
well Outside	:	21.651 m	(Right angle direction)
Steel pipe well	:	1.200 m	
Steel pipe well area	:	1.131 m ²	
Steel pipe well	:	34 number	(Circumference)
Steel pipe well	:	0 number	(Diaphragm Wall)

$$\begin{aligned} \text{Inside the well area} &= (8.621 - 1.200)^2 \times \pi / 4 \\ &+ (21.651 - 8.621) \times (8.621 - 1.200) \\ &- 1.131 \times 34 \quad \swarrow \quad 2 \\ &= 120.7 \text{ m}^2 \end{aligned}$$

$$\begin{aligned} \text{Diaphragm Wall area} &= 1.131 \times 0 = 0.0 \text{ m}^2 \\ &= 120.7 - 0.0 \\ &= 120.7 \end{aligned}$$

Ground level	:	-1.721 m
Footing Top	:	-3.450 m
Footing	:	4.000 m
Bottom slab	:	2.000 m
Spread sand	:	0.500 m

$$\begin{aligned} &= 120.7 \times (-1.721 - -3.450 + 4.000) \\ &+ 120.7 \times (2.000 + 0.500) \\ &= 993.2 \text{ m}^3 \end{aligned}$$

(2) Backfill inside the well

Pier	:	3.000 m	(Bridge axial direction)
	:	15.500 m	(Right angle direction)

$$\begin{aligned} \text{Pier area} &= (3.000)^2 \times \pi / 4 + (15.500 - 3.000) \times 3.000 \\ &= 44.6 \text{ m}^2 \end{aligned}$$

$$\begin{aligned} \text{Inside the well area} &= (8.621)^2 \times \pi / 4 + (21.651 - 8.621) \times 8.621 \\ &= 170.7 \text{ m}^2 \end{aligned}$$

$$\text{Backfill} = (170.7 - 44.6) \times (-1.721 - -3.450) = 218.0 \text{ m}^3$$

(3) Surplus soil (waste soil)

$$\text{Surplus soil} = 993.2 - 218.0 = 775.2 \text{ m}^3$$

8. Footing concrete

Inside the well area	:	120.7 m ²
Footing	:	4.000 m

$$\text{Footing concrete} = 120.7 \times 4.000 = 482.8 \text{ m}^3$$

9. Bottom slab concrete

Inside the well area : 120.7 m²
Bottom slab : 2.000 m

$$\text{Bottom slab concrete} = 120.7 \times 2.000 = 241.4 \text{ m}^3$$

$$\text{Consumption} = 241.4 \times (1 + K) = 263.1 \text{ m}^3$$

(K: Correction factor = 0.09)

10. Spread sand

Inside the well area : 120.7 m²
Spread sand : 0.500 m

$$\text{Spread sand} = 120.7 \times 0.500 = 60.4 \text{ m}^3$$

11. Welding of the dowel

Steel pipe well : 34 number (Circumference)
Moment Re-bar : 8 Stage
Shearforce Re-bar : 14 Stage

$$\text{Welding of the dowel} = 34 \times (8 + 14)$$

$$= 748 \text{ Stage}$$

12. Pile head

Steel pipe well : 1.200 m
Steel pipe well area : 1.131 m²
Steel pipe well : 0 number (Diaphragm Wall)
Filled concrete : 1.300 m (Subtraction of imbedding) : 1.200 m
Ground level : -1.721 m
Footing Bottom : -7.450 m

$$\text{Excavation inside} = 1.131 \times (-1.721 - (-7.450) + 1.200) \times 0$$

$$= 0.0 \text{ m}^3$$

$$\text{Concrete filling} = 1.131 \times 1.200 \times 0$$

$$= 0.0 \text{ m}^3$$

13. Cut-off the pipe

Steel pipe well : 34 number (Circumference)
0 number (Diaphragm Wall)
Steel pipe well Top : 4.840 m
Cut-off Position : -2.950 m
: -7.350 m

$$\text{Cut-off} = 4.840 - (-2.950) = 7.790 \text{ m (Circumference)}$$

$$= 4.840 - (-7.350) = 12.190 \text{ m (Diaphragm Wall)}$$

14. Falsework

1st stage : 0.300 m (H-300 × 300 × 10 × 15)
 2nd stage : 0.300 m (H-300 × 300 × 10 × 15)
 3rd stage : 0.350 m (2H-350 × 350 × 12 × 19)

Strut of the 1st stage : 4 number Pillar : 16 number
 Strut of the 2nd stage : 4 number Pillar : 16 number
 Strut of the 3rd stage : 8 number Pillar : 32 number

well Outside : 8.621 m (Bridge axial direction)
 well Outside : 21.651 m (Right angle direction)
 Steel pipe well : 1.200 m
 Mounting space : 0.030 m

wale(wale(guide) of the 1st stage)

$$\begin{aligned}
 \text{1st stage} &= (8.621 - 1.200 \times 2 - 0.030 - 0.300) \times \pi = 18.507 \text{ m} \\
 &= (21.651 - 8.621) \times 2 = 26.060 \text{ m} \\
 \text{Total} &= 44.567 \text{ m}
 \end{aligned}$$

$$\begin{aligned}
 \text{2nd stage} &= (8.621 - 1.200 \times 2 - 0.030 - 0.300) \times \pi = 18.507 \text{ m} \\
 &= (21.651 - 8.621) \times 2 = 26.060 \text{ m} \\
 \text{Total} &= 44.567 \text{ m}
 \end{aligned}$$

$$\begin{aligned}
 \text{3rd stage} &= (8.621 - 1.200 \times 2 - 0.030 - 0.350) \times \pi = 18.350 \text{ m} \\
 &= (21.651 - 8.621) \times 2 = 26.060 \text{ m} \\
 \text{Total} &= 44.410 \text{ m}
 \end{aligned}$$

Strut

$$\begin{aligned}
 \text{L1} &= 8.621 - 1.200 \times 2 - 0.030 - 0.300 \times 2 = 5.591 \text{ m} \\
 \text{L2} &= 8.621 - 1.200 \times 2 - 0.030 - 0.300 \times 2 = 5.591 \text{ m} \\
 \text{L3} &= 8.621 - 1.200 \times 2 - 0.030 - 0.350 \times 2 = 5.491 \text{ m}
 \end{aligned}$$

Pillar Span : 1.3 m

$$\begin{aligned}
 \text{L1} &= 1.300 \times 1.414 = 1.838 \text{ m} \\
 \text{L2} &= 1.300 \times 1.414 = 1.838 \text{ m} \\
 \text{L3} &= 1.300 \times 1.414 = 1.838 \text{ m}
 \end{aligned}$$

15. Concrete filling to space between steel pipe well and wale

well Outside : 8.621 m (Bridge axial direction)
 well Outside : 21.651 m (Right angle direction)
 Steel pipe well : 1.200 m
 Steel pipe well : 34 number

1st stage : 0.300 m
 2nd stage : 0.300 m
 3rd stage : 0.350 m

$$\begin{aligned}
 \text{1st stage} &= \frac{8.621^2}{2} \times \frac{\pi}{4} + \left(\frac{21.651 - 8.621}{2} \right) \times 8.621 \\
 &\quad - \left(\frac{8.621 - 1.200}{2} \right)^2 \times \frac{\pi}{4} \\
 &\quad - \left(\frac{21.651 - 8.621}{2} \right) \times \left(\frac{8.621 - 1.200}{2} \right) \\
 &\quad - \frac{1.200^2}{2} \times \frac{\pi}{4} \times 34 \\
 &= 20.8 \text{ m}^2
 \end{aligned}$$

$$\begin{aligned}
 \text{2nd,3rd stage} &= \left(\frac{8.621 - 1.200}{2} \right)^2 \times \frac{\pi}{4} \\
 &\quad + \left(\frac{21.651 - 8.621}{2} \right) \times \left(\frac{8.621 - 1.200}{2} \right) \\
 &\quad - \left(\frac{8.621 - 1.200}{2} \right)^2 \times \frac{\pi}{4} \\
 &\quad - \left(\frac{21.651 - 8.621}{2} \right) \times \left(\frac{8.621 - 1.200}{2} \right) \\
 &\quad - \frac{1.200^2}{2} \times \frac{\pi}{4} \times 34 \div 2 \\
 &= 9.3 \text{ m}^2
 \end{aligned}$$

$$\begin{aligned}
 \text{1st stage} &= 20.8 \times 0.300 \times 1 = 6.2 \text{ m}^3 \\
 \text{2nd stage} &= 9.3 \times 0.300 \times 1 = 2.8 \text{ m}^3 \\
 \text{3rd stage} &= 9.3 \times 0.350 \times 2 = 6.5 \text{ m}^3
 \end{aligned}$$

$$\text{Total} = 15.5 \text{ m}^3$$

$$\begin{aligned}
 \text{Consumption} &= 15.5 \times (1 + K) = 16.1 \text{ m}^3 \\
 (\text{K: Correction factor} &= 0.04)
 \end{aligned}$$

$$\text{Formwork} = 20.8 \times 1 + 9.3 \times 3 = 48.7 \text{ m}^2$$

16. Quantity Tabel

(1) Steel pipe well

Type: A,C,E

17 set

Name	Materials	Shape (mm)	Unit Weight (t/m)	Quantity of One point	Weight of One point	Point	Weight of One number
Top Steel pipe well	SKY400	φ 1200 t= 14	0.409	7.0 m	2.863	1	2.863 t
	SKY400	φ 1200 t= 16	0.467	12.0 m	5.604	1	5.604 t
	SKY400	φ 1200 t= 14	0.409	2.0 m	0.818	1	0.818 t
Bottom Steel pipe well	SKY400	φ 1200 t= 14	0.409	38.5 m	15.747	1	15.747 t
Reinforcement Band	SS400	PL 300 × 9 × 3798	0.080	1 piece	0.080	1	0.080 t
Members for Perimeter Field Welding (Backing Ring Stopper)	SS400	PL 70 × 6 × 3663	0.012	1 piece	0.012	1	0.012 t
	SS400	PL 6 × 12 × 30	0.000	8 piece	0.000	1	0.000 t
Sling①	SM490A	PL 200 × 22 × 150	0.005	2 piece	0.010	1	0.010 t
Sling②	SM490A	PL 300 × 22 × 250	0.013	2 piece	0.026	1	0.026 t
Interlocking Toe	SS400	PL 153 × 12 × 159	0.002	2 piece	0.004	1	2 piece
Precut				2 point		1	2 point
Top Interlocking	STK400	φ 165.2 t= 11	0.0418	20.4 m	0.853	2	4.800 t
Bottom Interlocking	STK400	φ 165.2 t= 11	0.0418	36.4 m	1.522	2	
In-situ Attached Interlocking	STK400	φ 165.2 t= 11	0.0418	0.6 m	0.025	2	

Type: B,D,F

17 set

Name	Materials	Shape (mm)	Unit Weight (t/m)	Quantity of One point	Weight of One point	Point	Weight of One number
Top Steel pipe well	SKY400	φ 1200 t= 14	0.409	7.0 m	2.863	1	2.863 t
	SKY400	φ 1200 t= 16	0.467	12.0 m	5.604	1	5.604 t
	SKY400	φ 1200 t= 14	0.409	3.0 m	1.227	1	1.227 t
Bottom Steel pipe well	SKY400	φ 1200 t= 14	0.409	37.5 m	15.338	1	15.338 t
Reinforcement Band	SS400	PL 300 × 9 × 3798	0.080	1 piece	0.080	1	0.080 t
Members for Perimeter Field Welding (Backing Ring Stopper)	SS400	PL 70 × 6 × 3663	0.012	1 piece	0.012	1	0.012 t
	SS400	PL 6 × 12 × 30	0.000	8 piece	0.000	1	0.000 t
Sling①	SM490A	PL 200 × 22 × 150	0.005	2 piece	0.010	1	0.010 t
Sling②	SM490A	PL 300 × 22 × 250	0.013	2 piece	0.026	1	0.026 t
Interlocking Toe	SS400	PL 153 × 12 × 159	0.002	2 piece	0.004	1	2 piece
Precut				2 point		1	2 point
Top Interlocking	STK400	φ 165.2 t= 11	0.0418	21.4 m	0.895	2	4.800 t
Bottom Interlocking	STK400	φ 165.2 t= 11	0.0418	35.4 m	1.480	2	
In-situ Attached Interlocking	STK400	φ 165.2 t= 11	0.0418	0.6 m	0.025	2	

Total	φ 1200 t= 14mm (SKY400)	660.552 t
	φ 1200 t= 16mm (SKY400)	190.536 t
	φ 165.2 t= 11mm (STK400)	163.200 t
	Reinforcement Band (SS400)	2.720 t
	Members for Perimeter Field Welding (Backing Ring Stopper) (SS400)	0.408 t
	Stopper (SS400)	272 piece
	Sling① (SM490A)	0.340 t
	Sling② (SM490A)	0.884 t
	Interlocking Toe (SS400)	68 piece
	Precut	68 point
	In-situ Attached Interlocking	68 point

(2) Supporting

Type	Steel	Length (m)	Unit	Unit Weight	Weight (kg)	Remark	memo
Guide frame							
	H-300 × 300 × 10 × 15	54.180	1	93.0	5,039	SS400	Outside
	H-300 × 300 × 10 × 15	44.567	1	93.0	4,145	SS400	Inside
				Total	9,184		
Guide pile							
	H-300 × 300 × 10 × 15	20.000	32	93.0	59,520	SS400	
Support Beam of Guide frame							
	[-200 × 90 × 8 × 13.5	2.430	16	30.3	1,178	SS400	
wale(wale(guide) of the 1st stage)							
	H-300 × 300 × 10 × 15	44.567	1	93.0	4,145	SS400	2nd stage
	H-350 × 350 × 12 × 19	44.410	2	135.0	11,991	SS400	3rd stage
strut							
	H-300 × 300 × 10 × 15	5.591	4	93.0	2,080	SS400	1st stage
	H-300 × 300 × 10 × 15	5.591	4	93.0	2,080	SS400	2nd stage
	H-350 × 350 × 12 × 19	5.491	8	135.0	5,930	SS400	3rd stage
Pillar							
	H-300 × 300 × 10 × 15	1.838	16	93.0	2,735	SS400	1st stage
	H-300 × 300 × 10 × 15	1.838	16	93.0	2,735	SS400	2nd stage
	H-350 × 350 × 12 × 19	1.838	32	135.0	7,940	SS400	3rd stage
					Main component	39,636 kg	
					Sub component (A)	8,720 kg	Main component × 0.22
					Sub component (B)	1,585 kg	Main component × 0.04

(3) Connection between steel pipe sheet pile and footing

Type	Steel	Length (m)	Unit	Unit Weight	Weight (kg)	Remark
Moment Re-bar						
P1	D22	1.000	544	3.04	1,654	SD345
P2	D22	1.000	544	3.04	1,654	SD345
Shearforce Re-bar						
P3	D22	0.700	952	3.04	2,028	SD345
P4	D22	0.700	952	3.04	2,028	SD345
					Total	7,364 kg

(4) Others

Type	Item	Unit	Quantity	Remark	memo
Concrete					
	Concrete filling	(m ³)	319.9	$\sigma_{ck}=21\text{N/mm}^2$	
	Concrete filling (Pile head)	(m ³)	-	$\sigma_{ck}=24\text{N/mm}^2$	
	Concrete filling to space between steel pipe well and wale	(m ³)	16.1	$\sigma_{ck}=18\text{N/mm}^2$	
	Formwork	(m ²)	48.7		
	Footing concrete	(m ³)	482.8	$\sigma_{ck}=24\text{N/mm}^2$	
	Bottom slab concrete	(m ³)	263.1	$\sigma_{ck}=21\text{N/mm}^2$	
	Spread sand	(m ³)	60.4		
Mortar filling inside					
	Mortar filling inside joint pipe	(m ³)	44.1	$\sigma_{ck}=21\text{N/mm}^2$	
	Sealing inside joint pipe	(m ³)	7.8	$\sigma_{ck}=0.2\text{N/mm}^2$	
	Sealing bag	(m)	543.4		
Excavation					
	Excavation inside the well	(m ³)	993.2		1367.3
	Excavation inside	(m ³)	374.1		
	Excavation inside (Pile head)	(m ³)	-		
	Cleaning inside joint pipe	(m)	1,738.7		
	Backfill inside the well	(m ³)	218.0		218.0
	Surplus soil (waste soil)	(m ³)	775.2		1149.3

(5) Footing Re-bar

Type	Item	Specification	Division	Unit	Quantity	Remark		
Footing Re-bar	Re-bar	SD345	D 13		kg	—		
			D16~D25	D 16	"	4,318		
				D 19	"	—		
				D 22	"	1,967		
				D 25	"	—		
				Total	"	6,285		
			D29~D32	D 29	"	3,232		
				D 32	"	17,775		
				Total	"	21,007		
					D 35	"	—	
					D 38	"	—	
			D 51	"	—			
			Total	"	27,292			
	Mechanical splice	SD345	D 38	Point	—			
			D 51	"	—			
Total			"	—				

17. Road Average N-value

Soil Coefficient : 1.00

Stratum	Formation (m)	N-value	Thickness of Stratum (m)	L × N
Ground level	-1.721	-		
CLAY- I	-6.70	1	4.98	4.98
Sandy Clay- I	-9.79	3	3.09	9.27
Clay Sand-A	-13.14	3	3.35	10.05
Silty Sand- I	-21.70	13	8.56	111.28
CLAY-A II	-30.38	7	8.68	60.76
CLAY-A III	-52.95	18	22.57	406.26
Clayey Sand- II	-54.66	50	1.71	85.50
Total		13.0	52.94	688.10

3. P7 PIER

3.1 Quantity summary table

【 P7 PIER Quantity summary table (1/4) 】

Work Item	Item		Specification	Division	Unit	Quantity	Remark
Concrete	Reinforced Concrete Structure		$\sigma_{ck}=30N/mm^2$		m ³	797.5	
Formwork	Reinforced Concrete Structure		normal form	H ≤ 30m	m ²	452.4	
			Plywood curved panel		"	189.2	
Bearing	Bearing Mortar		Non-shrinkage Mortar		m ³	1.027	Superstructure construction
	Form for void for Anchor Bolt		Cylindrical mold ϕ 250		m	12.7	
	Box-out Formwork				m ²	11.0	
Falsework	Scaffolding (single pipe type)		Average height	H ≤ 30m	m ²	893	
				H > 30m	"	—	
	Total					"	893
Supporting	Support (wedge type)	maximum height from the formation	Support capacity	Under 40kN/m ²	m ³	—	
				40kN/m ² exceed			
				Under 80kN/m ²	"	—	
				80kN/m ² exceed	"	103	
	Total					"	103
Re-bar	Re-bar		SD345	D 13	kg	—	
				D16 ~ D25	"	55,164	
				D29 ~ D32	"	7,241	
				D 35	"	—	
				D 38	"	59,792	
				D 51	"	—	
				Total	"	122,197	
	Mechanical splice		SD345	D 32	Point	—	
				D 38	"	422	
				Total	"	422	

【 P7 PIER Quantity summary table (2/4) 】

Work Item	Component	Division		Unit	Quantity	Remark		
S t e e l p i p e f o u n d a t i o n	Steel pipe well	Steel pipe length(ϕ 1200mm)		m/Number	61.5			
		Pile number		Number	32	Outside Steel Pipe Well		
				"	4	Diaphragm Steel Sheet Pipe Wall		
		Total		"	36			
		Pile extension		m	2,214.0			
		Embedded depth		m	51.3	Soil Coefficient=1.00		
		1 n u m b e r (T y p e A · D)	Steel pipe weight	ϕ 1200	t=14mm	t	17.996	SKY400
					t=16mm	"	8.173	SKY400
				ϕ 165.2	t=11mm	"	5.008	STK400
			Accessories weight	Reinforcement Band	PL t= 9mm	t	0.080	SS400
				Members for Perimeter Field Welding (Backing Ring Stopper)	PL t=14mm	"	0.012	SS400
					PL t=16mm	"	—	SS400
				Sling	PL t=22mm	"	0.036	SM490A
				Interlocking Toe	PL t=12mm	Piece	2	SS400
				In-situ Attached Interlocking		Point	2	STK400
			Precut		"	2		
		1 n u m b e r (T y p e B · C · E)	Steel pipe weight	ϕ 1200	t=14mm	t	17.996	SKY400
					t=16mm	"	8.173	SKY400
				ϕ 165.2	t=11mm	"	5.008	STK400
			Accessories weight	Reinforcement Band	PL t= 9mm	t	0.080	SS400
				Members for Perimeter Field Welding (Backing Ring Stopper)	PL t=14mm	"	0.012	SS400
					PL t=16mm	"	—	SS400
				Sling	PL t=22mm	"	0.036	SM490A
				Interlocking Toe	PL t=12mm	Piece	2	SS400
In-situ Attached Interlocking				Point	2	STK400		
Precut			"	2				
1 n u m b e r (T y p e F)	Steel pipe weight	ϕ 1200	t=14mm	t	17.996	SKY400		
			t=16mm	"	8.173	SKY400		
		ϕ 165.2	t=11mm	"	7.512	STK400		
	Accessories weight	Reinforcement Band	PL t= 9mm	t	0.080	SS400		
		Members for Perimeter Field Welding (Backing Ring Stopper)	PL t=14mm	"	0.012	SS400		
			PL t=16mm	"	—	SS400		
		Sling	PL t=22mm	"	0.036	SM490A		
		Interlocking Toe	PL t=12mm	Piece	3	SS400		
		In-situ Attached Interlocking		Point	3	STK400		
	Precut		"	3				

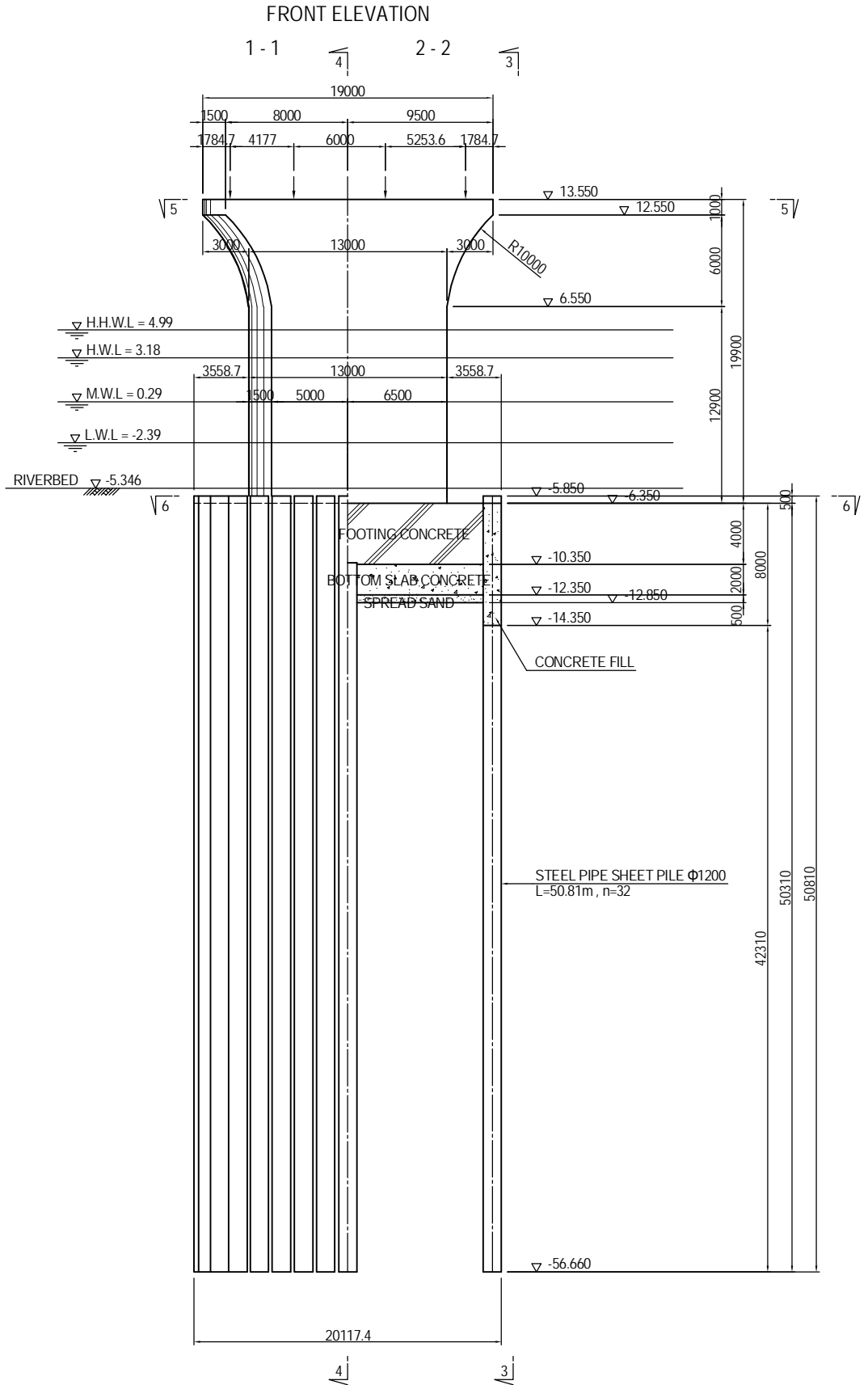
【 P7 PIER Quantity summary table (3/4) 】

Work Item	Component	Division			Unit	Quantity	Remark	
Steel pipe foundation	Steel pipe well	Number (Type G)	Steel pipe weight	$\phi 1200$	t=14mm	t	25.154	SKY400
					t=14mm	"	—	SKY490
				$\phi 165.2$	t=11mm	"	5.006	STK400
			Accessories weight	Reinforcement Band	PL t= 9mm	t	0.080	SS400
				Members for Perimeter Field Welding (Backing Ring Stopper)	PL t=14mm	"	0.012	SS400
					PL t=16mm	"	—	SS400
					Sling	PL t=22mm	"	0.036	SM490A
				Interlocking Toe	PL t=12mm	Piece	2	SS400
				In-situ Attached Interlocking		Point	2	STK400
		Precut			"	2		
		Number (Type H)	Steel pipe weight	$\phi 1200$	t=14mm	t	25.154	SKY400
					t=14mm	"	—	SKY490
				$\phi 165.2$	t=11mm	"	5.008	STK400
			Accessories weight	Reinforcement Band	PL t= 9mm	t	0.080	SS400
				Members for Perimeter Field Welding (Backing Ring Stopper)	PL t=14mm	"	0.012	SS400
					PL t=16mm	"	—	SS400
					Sling	PL t=22mm	"	0.036	SM490A
				Interlocking Toe	PL t=12mm	Piece	2	SS400
				In-situ Attached Interlocking		Point	2	STK400
		Precut			"	2		
		All number	Steel pipe weight	$\phi 1200$	t=14mm	t	676.488	SKY400
					t=16mm	"	261.536	SKY400
				$\phi 165.2$	t=11mm	"	185.292	STK400
			Accessories weight	Reinforcement Band	PL t= 9mm	t	2.880	SS400
	Members for Perimeter Field Welding (Backing Ring Stopper)			PL t=14mm	"	0.432	SS400	
				PL t=16mm	"	—	SS400	
				Sling	PL t=22mm	"	1.296	SM490A
	Interlocking Toe			PL t=12mm	Piece	74	SS400	
	In-situ Attached Interlocking				Point	74	STK400	
	Precut		"	74				
	Excavation inside			m3	325.9			
		Pile head		"	28.1			
	Concrete filling	Fill concrete	$\sigma_{ck}=21N/mm^2$		m3	301.1	Correction factor=0.04	
Pile head		$\sigma_{ck}=24N/mm^2$		"	5.4			
Cleaning inside joint pipe			m	1,850.5				
Mortar filling inside joint pipe	$\sigma_{ck}=21N/mm^2$	Mortar length		m	1,813.4	Mortar=2.5m ³ /100m		
		Mortar quantity		m3	47.6	Correction factor=0.05		
Sealing inside joint pipe	$\sigma_{ck}=0.2N/mm^2$	Sealing length		m	348.5	Mortar=2.5m ³ /100m		
		Sealing quantity		m3	9.9	Correction factor=0.14		
		Sealing bag		m	697.0	Sealing 100m=200.0		
Excavation inside the well			m3	807.4				

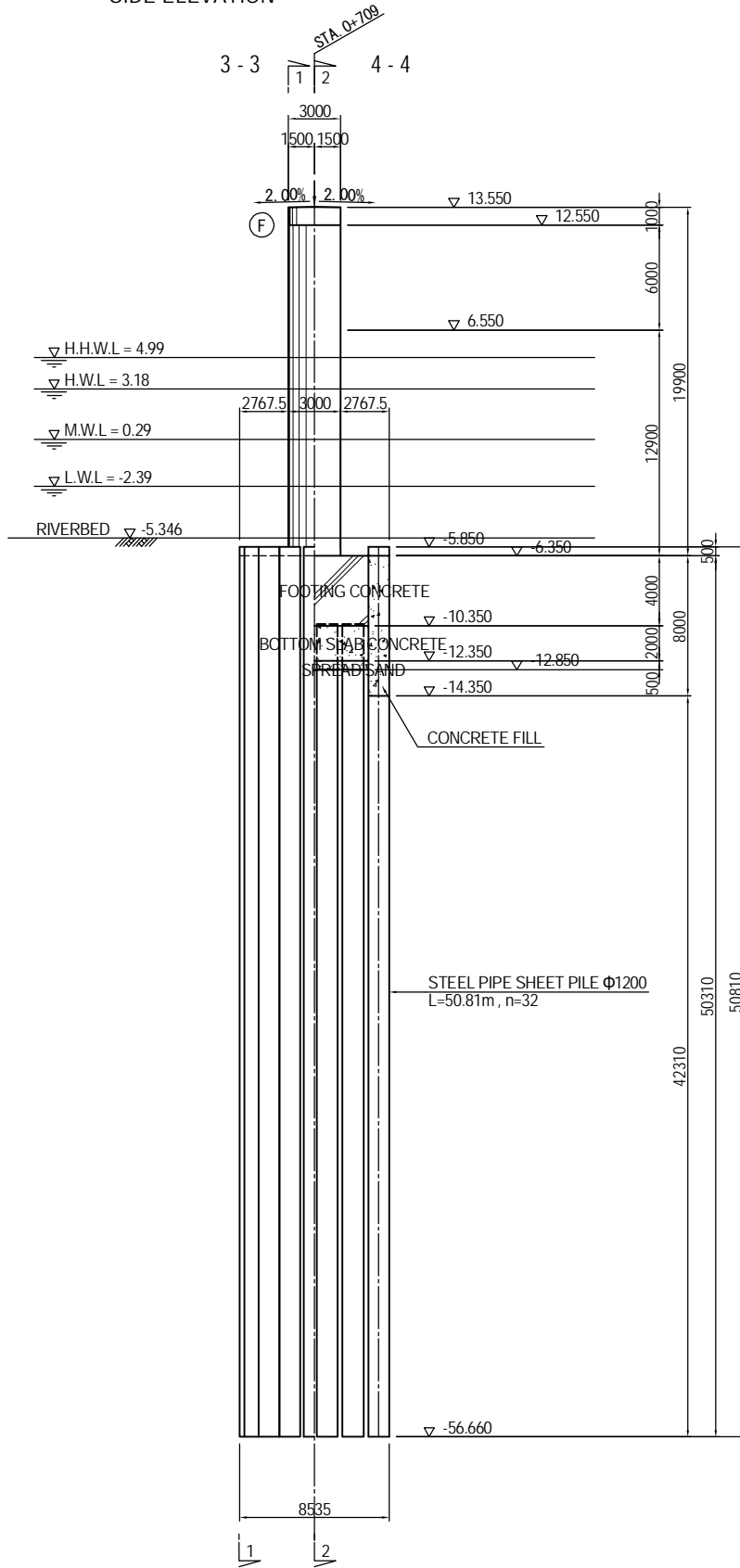
【 P7 PIER Quantity summary table (4/4) 】

Work Item	Component	Division	Unit	Quantity	Remark	
S t e e l p i p e f o u n d a t i o n	Backfill inside the well		m3	119.5		
	Surplus soil (waste soil)		m3	687.9		
	Footing concrete	$\sigma_{ck}=24\text{N/mm}^2$		m3	436.4	
	Bottom slab concrete	$\sigma_{ck}=21\text{N/mm}^2$		m3	228.0	Correction factor=0.09
	Spread sand			m3	52.3	
	Pile head	Shear Connector	PL-32 × 16 × 3597	kg	116	
		Stopper	PL-25 × 9 × 50	"	2	
	Pile head Re-bar	Re-bar	SD345	D 13	kg	168
				D16 ~ D25	"	341
				D29 ~ D32	"	—
				Total	"	509
	Footing Re-bar	Re-bar	SD345	D 13	kg	—
				D16 ~ D25	"	5,399
				D29 ~ D32	"	7,878
				D 35	"	—
				D 38	"	17,760
				D 51	"	—
				Total	"	31,037
		Mechanical splice	SD345	D 38	Point	82
				D 51	"	—
				Total	"	82
	Falsework (guide frame, wale, strut)	Guide frame	H-350 × 350 × 12 × 19	t	13.9	
		Guide pile	H-300 × 300 × 10 × 15	"	52.1	
		Support Beam of Guide frame	[-200 × 90 × 8 × 13.5	"	1.1	
		wale		H-300 × 300 × 10 × 15	t	9.7
				H-350 × 350 × 12 × 19	"	14.1
				H-400 × 400 × 13 × 21	"	—
		strut		H-300 × 300 × 10 × 15	t	4.1
H-350 × 350 × 12 × 19				"	8.8	
H-400 × 400 × 13 × 21				"	—	
Pillar			H-300 × 300 × 10 × 15	t	5.5	
			H-350 × 350 × 12 × 19	"	11.9	
			H-400 × 400 × 13 × 21	"	—	
Main component Total			t	54.1	SS400	
Sub component A			"	11.9	22%	
Sub component B			"	2.2	4%	
Total			"	68.2		
Concrete filling to space between	Falsework	$\sigma_{ck}=18\text{N/mm}^2$		m3	18.7	Correction factor=0.04
	Formwork			m2	53.3	
Welding of the dowel	Welding of the dowel stage		Stage	768		
	Welding of the dowel Weight		kg	7,474		
Cut-off the pipe	$\phi 1200$		Number	36		

3.2 General arrangement

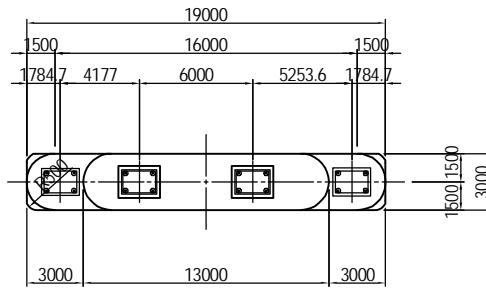


SIDE ELEVATION



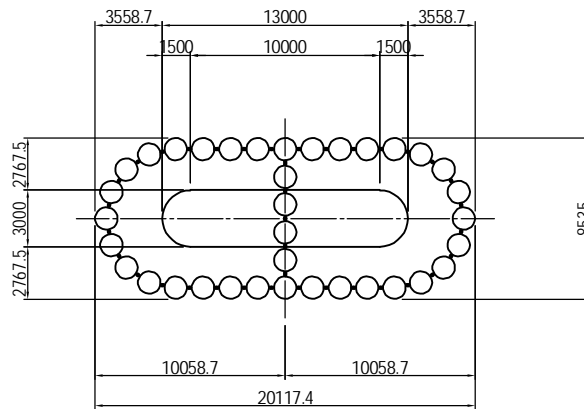
PLAN

5 - 5



PLAN

6 - 6

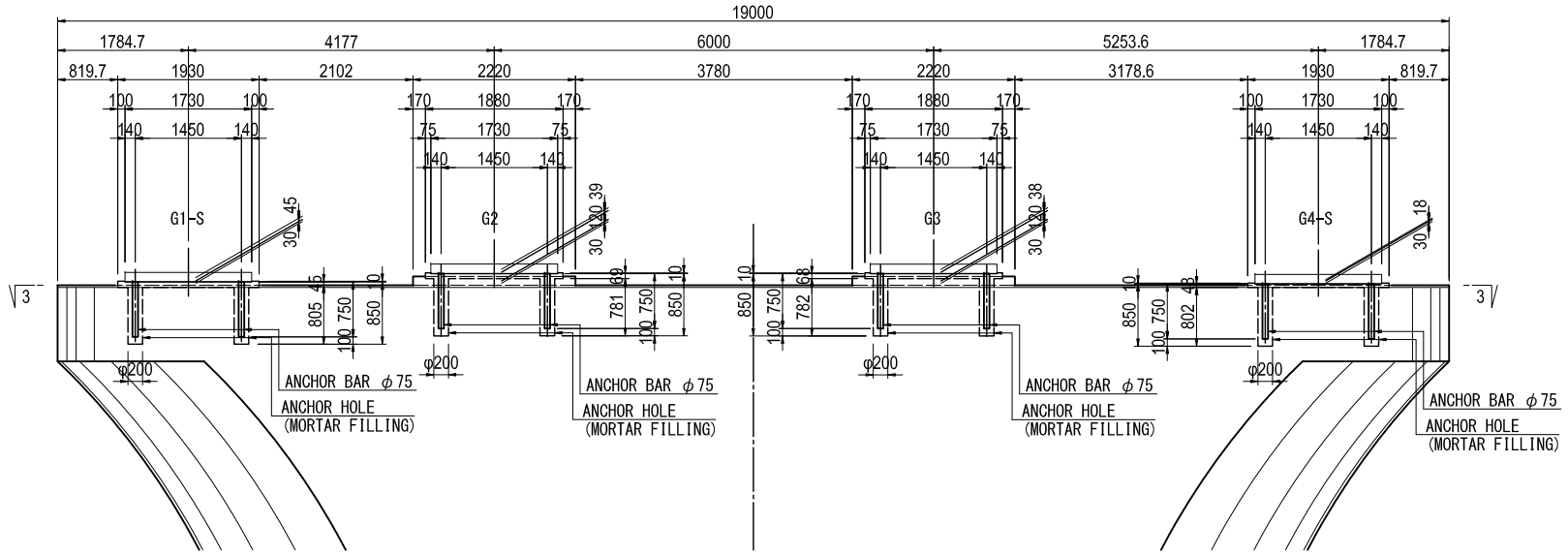


USE MATERIALS

	CONCRETE	BAR
BEAM	$\sigma_{ck} = 30 \text{ N/mm}^2$	SD345
COLUMN	$\sigma_{ck} = 30 \text{ N/mm}^2$	SD345
FOOTING	$\sigma_{ck} = 24 \text{ N/mm}^2$	SD345

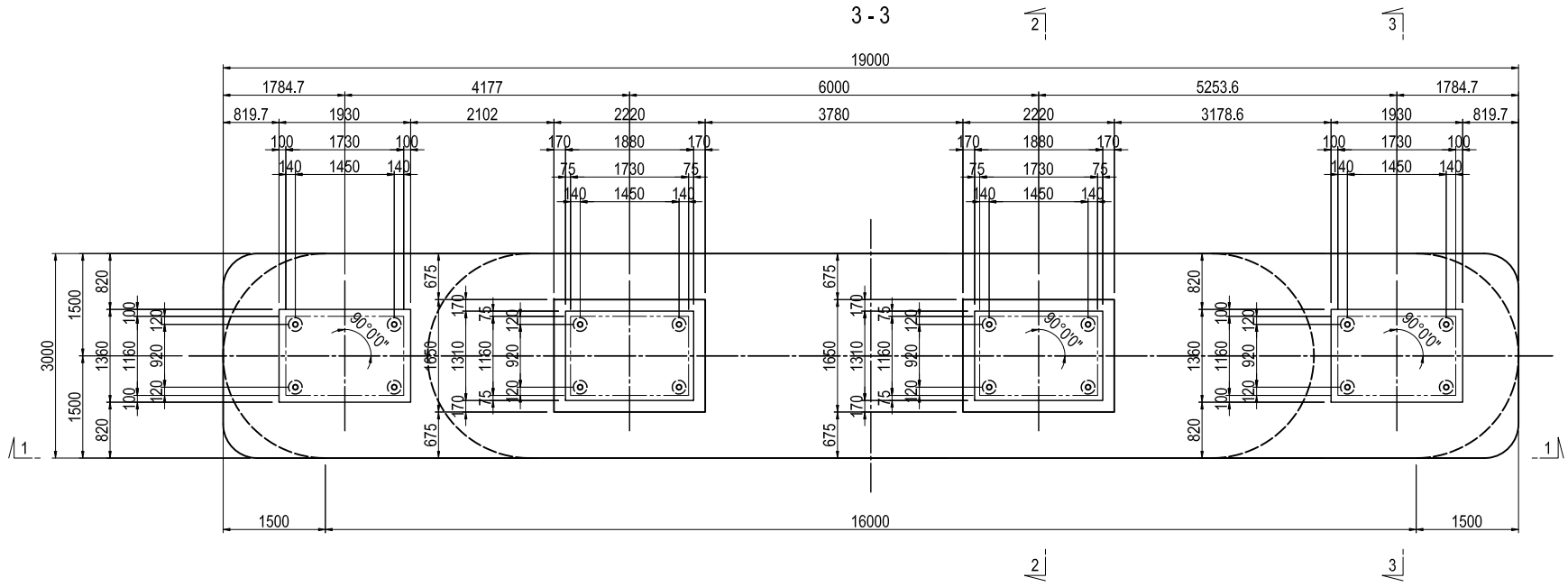
FRONT ELEVATION

1 - 1



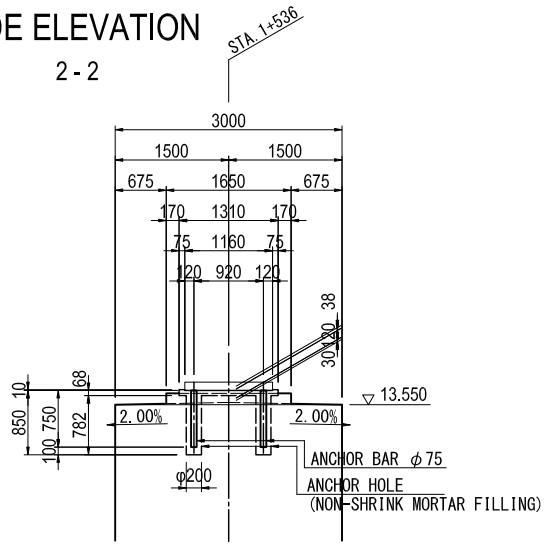
PLAN

3-3



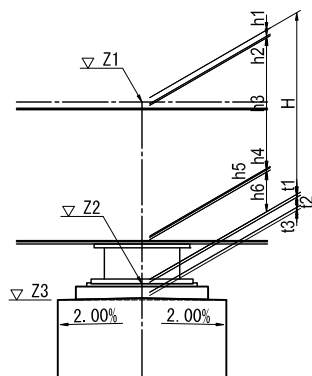
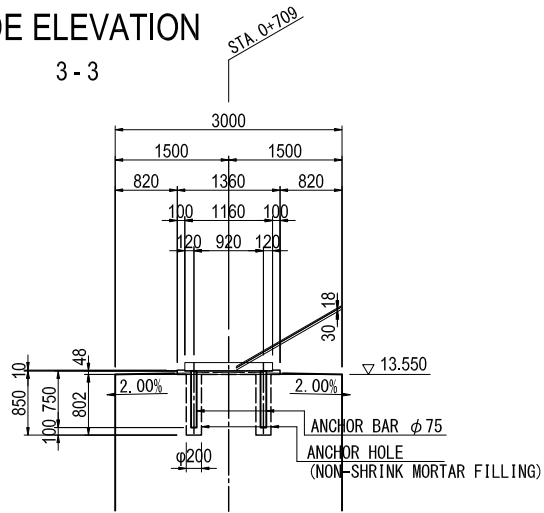
SIDE ELEVATION

2 - 2



SIDE ELEVATION

3 - 3



		P7 PIER			
		G1-S	G2	G3	G4-S
PROPOSED HEIGHT	Z1	17.031	17.114	17.114	17.009
PAVEMENT	h1	0.080	0.080	0.080	0.080
UPPER FLANGE	h2	0.016	0.016	0.016	0.016
GIRDER	h3	2.706	2.700	2.700	2.706
BOTTOM FLANGE	h4	0.052	0.027	0.028	0.057
SOLE PLATE	h5	0.043	0.043	0.043	0.043
BEARING	h6	0.509	0.509	0.509	0.509
SUBTOTAL	H	3.406	3.375	3.376	3.411
ELEVATION OF BEARING BOTTOM	Z2	13.625	13.739	13.738	13.598
MORTAR	t1	0.045	0.039	0.038	0.018
BEARING BASE	t2	0.000	0.120	0.120	0.000
DRAINAGE INCLINE	t3	0.030	0.030	0.030	0.030
ELEVATION OF PIER TOP	Z3	13.550	13.550	13.550	13.550

3.3 Concrete

(1) Pier ($\sigma_{ck} = 30\text{N/mm}^2$)

1) Top Beam

$$\textcircled{1} \quad 19.000 * 3.000 * 1.000 = 57.000 \text{ m}^3$$

Grade Concrete

$$1/2 * 1.500 * 0.030 * 19.000 * 2 = 0.855 \text{ ''}$$

Base Concrete

$$\text{G2, G3} \quad 2.200 * 1.650 * 0.120 * 2 = 0.871 \text{ ''}$$

Beam corner cut off

$$-(1.000 * 1.000 - \pi/4 * 1.000 * 1.000) * 1.000 = -0.215 \text{ ''}$$

$$\text{Top Beam total} = 58.511 \text{ m}^3$$

2) Beam and Pier Column

【 Cross section 】

$$\text{A} = \pi/4 * 3.000 * 3.000 + 10.000 * 3.000 = 37.069 \text{ m}^2$$

$$\textcircled{2} \quad 37.069 * 12.900 = 478.190 \text{ m}^3$$

$$\textcircled{3} \quad 1/2 * (10.000 + 16.000) * 6.000 * 3.000 = 234.000 \text{ ''}$$

$$\textcircled{4} \quad \pi/4 * 3.000 * 3.000 * 6.000 = 42.412 \text{ ''}$$

Subtraction of circular arc parts

$$-(\pi * 10.000 * 10.000 * 39.195 / 360 - 1/2 * 6.708 * 9.421) * 3.000 * 2 = -15.636 \text{ ''}$$

$$\text{Beam and Pier Column total} = 738.966 \text{ m}^3$$

$$\text{Pier total} = 797.477 \text{ m}^3$$

3.4 Formwork

(1) Pier

【 Formwork Division 】 normal form

【 Structure Division 】 Reinforced Concrete Structure

【 height Division 】 [Average height] $H \leq 30m$

1) Top Beam

1	18.000	*	1.000	*	2		=	36.000 m2	
2	2.000	*	1.000	*	2		=	4.000 "	
3	(3.000	*	3.000	-	$\pi/4$	*	3.000	*	3.000)
	- (1.000	*	1.000	-	$\pi/4$	*	1.000	*	1.000)
							=	1.717 "	

Grade Concrete

$$1/2 * 1.500 * 0.030 * 2 * 2 = 0.090 "$$

Base Concrete

$$G2, G3 (2.200 + 1.650) * 2 * 0.120 * 2 = 1.848 "$$

$$\text{Top Beam total} = 43.655 \text{ m}^2$$

2) Beam and Pier Column

4	10.000	*	12.900	*	2		=	258.000 m2
5	1/2 * (10.000	+	16.000)	*	6.000	*	2	= 156.000 "

Subtraction of circular arc parts

$$- (\pi * 10.000 * 10.000 * 39.195 / 360 - 1/2 * 6.708 * 9.421) * 2 = -5.212 "$$

$$\text{Beam and Pier Column total} = 408.788 \text{ m}^2$$

$$\text{normal form total} = 452.443 \text{ m}^2$$

【 Structure Division 】 Reinforced Concrete Structure(Plywood curved panel)

1) Top Beam

A	π	*	1.000	*	1.000		=	3.142 m2
---	-------	---	-------	---	-------	--	---	----------

2) Beam and Pier Column

B	π	*	3.000	*	12.900		=	121.580 m2
---	-------	---	-------	---	--------	--	---	------------

C	π	*	3.000	*	6.841		=	64.475 "
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	Beam and Pier Column total	=	186.055 m2
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	Plywood curved panel total	=	189.197 m2
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3.5 Re-bar

Work Item	Item	Specification	Division	Unit	Quantity	Remark	
Re-bar	Re-bar	SD345	D 13	kg	—		
			D16~D25	D 16	"	2,188	
				D 19	"	11,350	
				D 22	"	41,626	
				D 25	"	—	
				Total	"	55,164	
			D29~D32	D 29	"	—	
				D 32	"	7,241	
				Total	"	7,241	
			D 35	"	—		
			D 38	"	59,792		
			D 51	"	—		
			Total	"	122,197		
	Mechanical splice	SD345	D 32	Point	—		
			D 38	"	422		
			Total	"	422		

3.6 Bearing

(1) Non-shrinkage Mortar

* G1		$t_1 = 55$	mm										
Bearing	1.930	*	1.360	*	0.055		=	0.1444 m3					
Box-out	1.930	*	1.360	*	0.030		=	0.0787 "					
Void	1/4	*	π	*	0.200	*	0.200	*	0.805	*	4	=	0.1012 "
Base pl	-	1.730	*	1.160	*	0.010		=	-0.0201 "				
Anchor	-1/4	*	π	*	0.075	*	0.075	*	0.750	*	4	=	-0.0133 "
<hr/>													
v1												=	0.2909 m3
* G2		$t_2 = 49$	mm										
Bearing	1.880	*	1.310	*	0.049		=	0.1207 m3					
Box-out	1.880	*	1.310	*	0.030		=	0.0739 "					
Void	1/4	*	π	*	0.200	*	0.200	*	0.782	*	4	=	0.0983 "
Base pl	-	1.730	*	1.160	*	0.010		=	-0.0201 "				
Anchor	-1/4	*	π	*	0.075	*	0.075	*	0.750	*	4	=	-0.0133 "
<hr/>													
v2												=	0.2595 m3
* G3		$t_3 = 48$	mm										
Bearing	1.880	*	1.310	*	0.048		=	0.1182 m3					
Box-out	1.880	*	1.310	*	0.030		=	0.0739 "					
Void	1/4	*	π	*	0.200	*	0.200	*	0.782	*	4	=	0.0983 "
Base pl	-	1.730	*	1.160	*	0.010		=	-0.0201 "				
Anchor	-1/4	*	π	*	0.075	*	0.075	*	0.750	*	4	=	-0.0133 "
<hr/>													
v3												=	0.2570 m3

Quantity Calculation Report
for Substructure of Steel Box Girder Bridge Package-1

* G4	t	4	=	28	mm						
Bearing	1.930	*	1.360	*	0.028	=	0.0735	m ³			
Box-out	1.930	*	1.360	*	0.030	=	0.0787	"			
Void	$1/4 * \pi$	*	0.200	*	0.200	*	0.802	*	4 = 0.1008 "		
Base pl	-	1.730	*	1.160	*	0.010	=	-0.0201	"		
Anchor	$-1/4 * \pi$	*	0.075	*	0.075	*	0.750	*	4 = -0.0133 "		
							v4	=	0.2196	m ³	
V	=	0.2909	+	0.2595	+	0.2570	+	0.2196	=	<u>1.0270</u>	m ³

(2) Form for void for Anchor Bolt

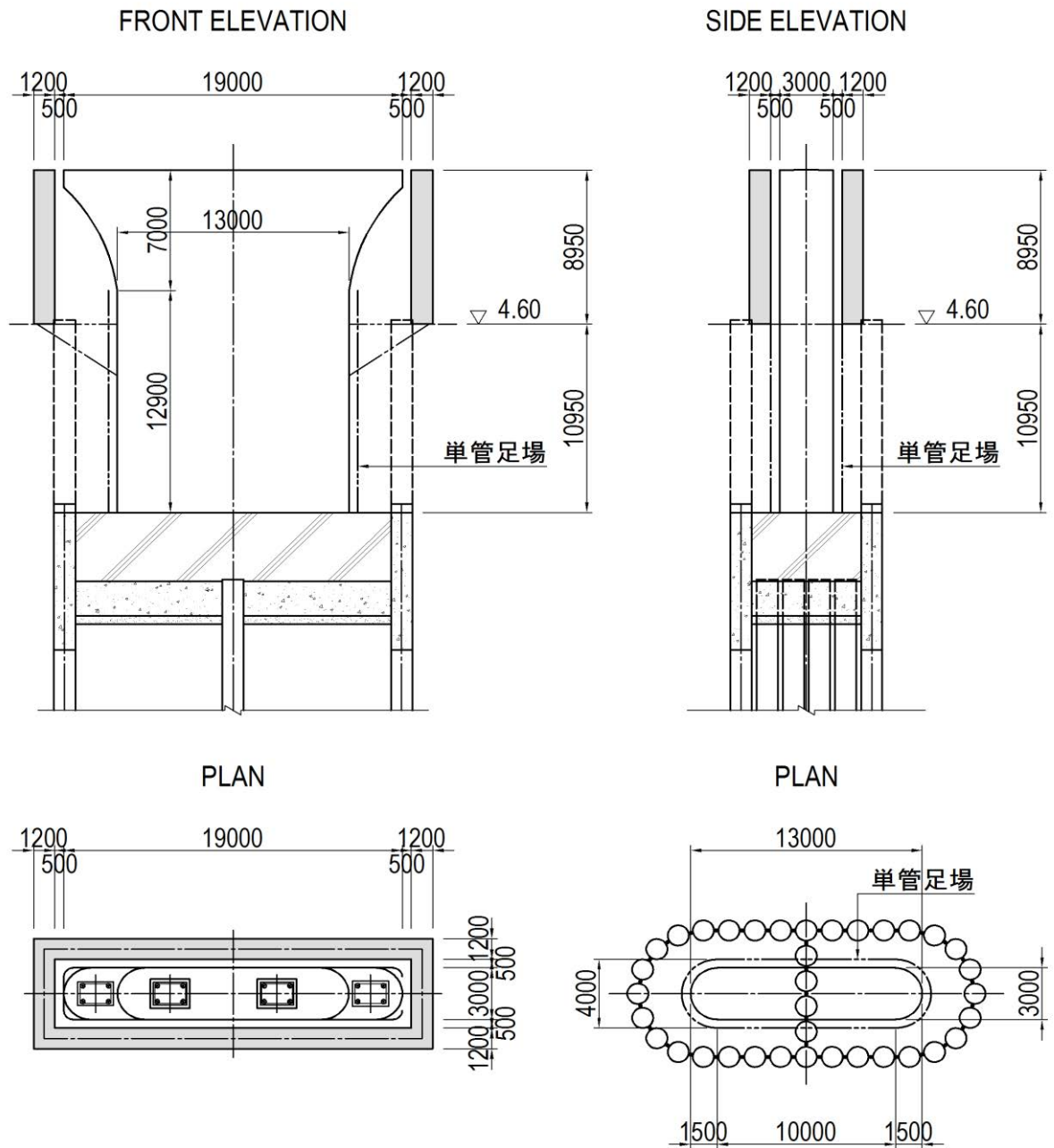
【 Cylindrical mold 】	ϕ	=	200	mm						
L1	=	0.805	*	4	=	3.220	m			
L2	=	0.782	*	4	*	2	=	6.256	"	
L3	=	0.802	*	4	=	3.208	"			
							ΣL	=	12.684	m

(3) Form for box-out

A1	=	2 * (	1.930	+	1.360	) * 0.030	+	1.930	* 1.360	=	2.822	m ²
A2	=	{ 2 * (	1.880	+	1.310	) * 0.030						
						+ 1.880	*	1.310	}	*	2	= 5.308 "	
A3	=	2 * (	1.930	+	1.360	) * 0.030	+	1.930	* 1.360	=	2.822	"
										ΣA	=	10.952	m ²

3.7 Falsework

(1) Scaffolding (Hand rail precede type)



【height Division】 [Average height] ----- $H \leq 30m$

1) Beam

(Falsework height) H1 = 8.950 m

$$W = \{ 2 * (19.000 + 3.000) + 8.800 \} * 8.950 = 472.56 \text{ m}^2$$

2) Pierstud

(Falsework height) H2 = 12.900 m

$$W1 = 10.000 * 12.900 * 2 = 258.00 \text{ m}^2$$

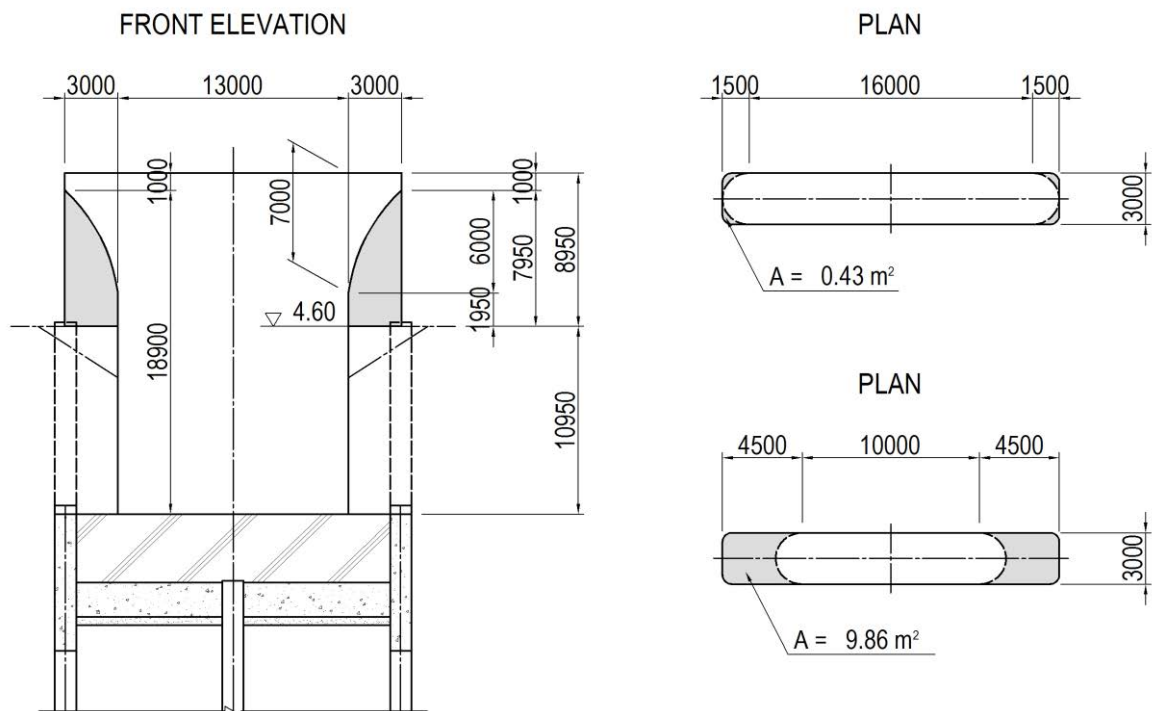
$$W2 = \pi * 4.000 * 12.900 = 162.11 \text{ ''}$$

$$\text{Pierstud total} = 420.11 \text{ m}^2$$

$$\text{Scaffolding (single pipe type) total} = 892.67 \text{ m}^2$$

3.8 Supporting

(1) Support (wedge type)



【height Division】 [Average height] ----- $H \leq 30\text{m}$

[maximum height from the formation] ----- $H \leq 30\text{m}$

【Average height】

$$H = \frac{1}{2} * (1.950 + 7.950) = \underline{\underline{4.950 \text{ m}}}$$

【Support capacity】

$$\text{Average concrete } t = \frac{1}{2} * (100.0 + 700.0) = \underline{\underline{400.0 \text{ cm}}}$$

$$= 250\text{cm} < t$$

$$\text{Support capacity } \omega = 80\text{kN/m}^2 < \omega$$

【Supporting area】

$$A1 = 9.86 * 2 = 19.72 \text{ m}^2$$

$$A2 = 0.43 * 4 = 1.72 \text{ m}^2$$

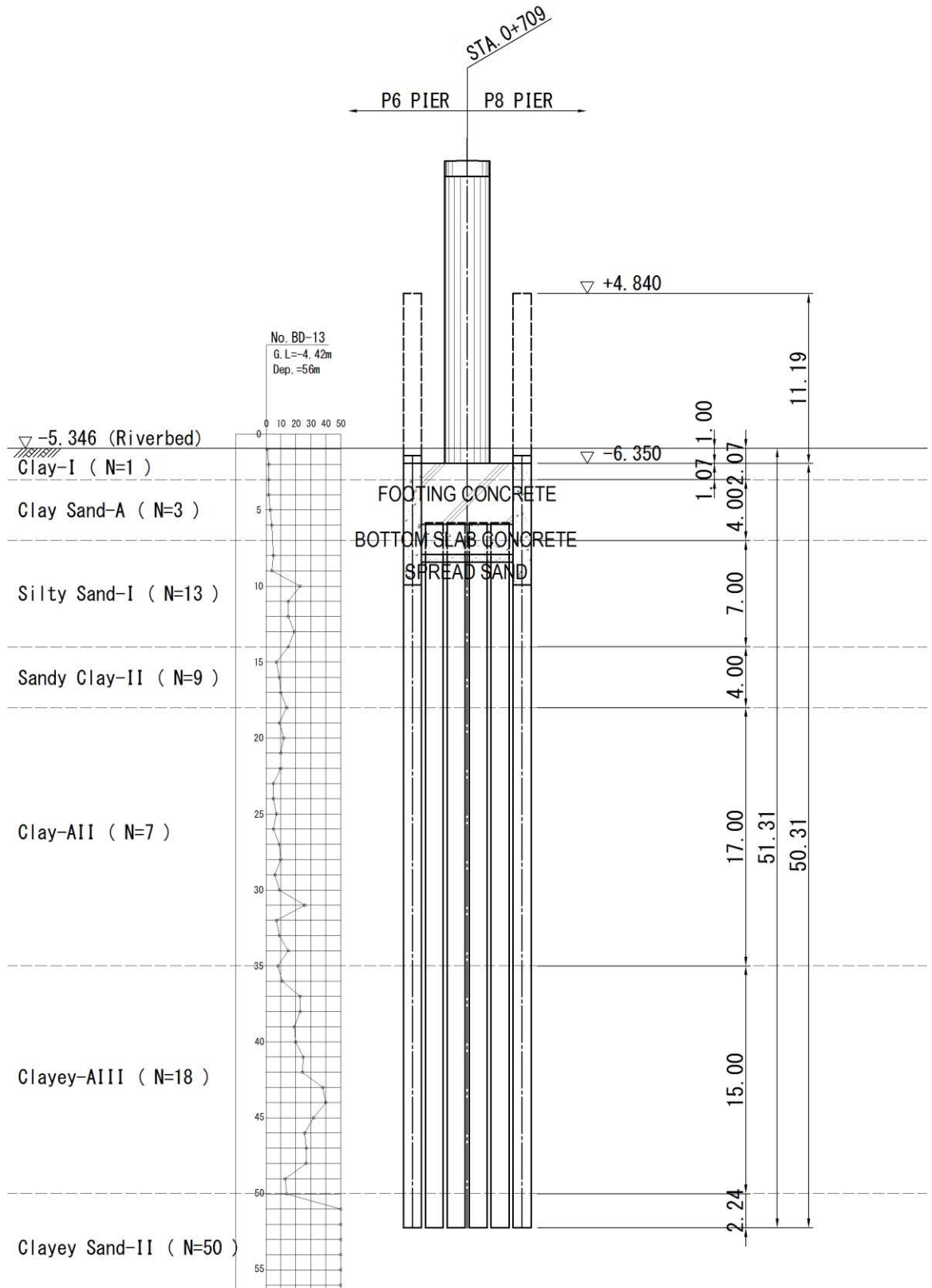
【Supporting vorum】

$$V1 = 19.72 * 1.950 = 38.45 \text{ m}^3$$

$$V2 = \frac{1}{2} * (19.72 + 1.72) * 6.000 = 64.32 \text{ ''}$$

$$\text{Supporting Total} = 102.77 \text{ m}^3$$

3.9 Foundation



1. ruler

Guide frame : 0.350 m (H-350 × 350 × 12 × 19)
Weight : 135.0 kg/m
well Outside : 8.535 m (Bridge axial direction)
well Outside : 20.117 m (Right angle direction)
Steel pipe well : 1.200 m
Mounting space : 0.030 m

Guide frame(Outside)

$$\begin{aligned} L1 &= (8.535 + 0.030 + 0.350) \times \pi &= & 28.007 \text{ m} \\ L2 &= (20.117 - 8.535) \times 2 &= & 23.164 \text{ m} \\ \text{Total} & &= & 51.171 \text{ m} \\ W1 &= 51.171 \times 135.0 &= & 6.908 \text{ t} \end{aligned}$$

Guide frame(Inside)

$$\begin{aligned} L1 &= (8.535 - 1.200 \times 2 - 0.030 - 0.350) \times \pi &= & 18.080 \text{ m} \\ L2 &= (20.117 - 8.535) \times 2 &= & 23.164 \text{ m} \\ \text{Total} & &= & 41.244 \text{ m} \\ W2 &= 41.244 \times 135.0 &= & 5.568 \text{ t} \end{aligned}$$

Guide frame(Diaphragm Wall)

$$\begin{aligned} L1 &= (8.535 - 1.200 \times 2 - 0.030 - 0.350 \times 2) \times 2 &= & 10.810 \text{ m} \\ W3 &= 10.810 \times 135.0 &= & 1.459 \text{ t} \end{aligned}$$

Total

$$W = W1 + W2 + W3 = 6.908 + 5.568 + 1.459 = 13.935 \text{ t}$$

Guide frame : 0.300 m (H-300 × 300 × 10 × 15)
Weight : 93.0 kg/m
Guide pile : 20.000 m

Guide pile

$$\begin{aligned} n1 &= 28 \text{ number} \\ W1 &= 28 \times 20.000 \times 93.0 = 52.080 \text{ t} \end{aligned}$$

2. Excavation inside

Steel pipe well : 1.200 m
Steel pipe well area : 1.131 m²
Steel pipe well number : 32 number (Circumference)
Ground level : -5.346 m
Footing Top : -6.350 m
Footing : 4.000 m

$$\begin{aligned} \text{Excavation inside} &= 1.131 \times (-5.346 - -6.350 + 4.000 \times 2) \times 32 \\ &= 325.9 \text{ m}^3 \end{aligned}$$

3. Concrete filling

Steel pipe well	:	1.200	m						
Steel pipe well area	:	1.131	m ²						
Filled concrete	:	8.000	m						
Steel pipe well number	:	32	number	(Circumference)					
Concrete filling	=	1.131	×	8.000	×	32	=	289.5	m ³
Consumption	=	289.5	×	(1 + K)	=	301.1	m ³		
(K: Correction factor	=	0.04)						

4. Cleaning inside joint pipe

Ground level	:	-5.346	m				
Steel pipe well Top	:	4.840	m				
Steel pipe well	:	61.500	m				
Steel pipe well Bottom	:	-56.660	m				
Nothing inside joint pip	:	1.300	m	(Steel pipe well Bottom)			
Inside joint pipe	:	37	number	(Circumference + Diaphragm Wall)			
Cleaning inside joint pipe	=	(-5.346 - -56.660 - 1.300)	×	37	=	1850.5	m

5. Mortar filling inside joint pipe

Footing Top	:	-6.350	m				
Steel pipe well Top	:	4.840	m				
Steel pipe well	:	61.500	m				
Steel pipe well Bottom	:	-56.660	m				
Nothing inside joint pip	:	1.300	m	(Steel pipe well Bottom)			
Inside joint pipe	:	37	number	(Circumference + Diaphragm Wall)			
inside joint pipe area	:	0.025	m ²	(ϕ 165.2*t11)			
Mortar length	=	(-6.350 - -56.660 - 1.300)	×	37	=	1813.4	m
Mortar quantity	=	1813.4	×	0.025	=	45.3	m ³
Consumption	=	45.3	×	(1 + K)	=	47.6	m ³
(K: Correction factor	=	0.05)				

6. Sealing inside joint pipe

Footing Top	:	-6.350	m				
Steel pipe well Top	:	4.840	m				
Nothing inside joint pip	:	0.300	m	(Steel pipe well Bottom)			
Steel pipe well Top	:	32	number	(Circumference)			
Sealing length	=	(4.840 - -6.350 - 0.300)	×	32	=	348.5	m
Sealing quantity	=	348.5	×	0.025	=	8.7	m ³
Consumption	=	8.7	×	(1 + K)	=	9.9	m ³
(K: Correction factor	=	0.14)				
Sealing bag	=	348.5	×	2	=	697.0	m

7. Excavation inside the well

(1) Excavation

well Outside	:	8.535 m	(Bridge axial direction)
well Outside	:	20.117 m	(Right angle direction)
Steel pipe well	:	1.200 m	
Steel pipe well area	:	1.131 m ²	
Steel pipe well	:	32 number	(Circumference)
Steel pipe well	:	4 number	(Diaphragm Wall)

$$\begin{aligned} \text{Inside the well area} &= (8.535 - 1.200)^2 \times \pi/4 \\ &+ (20.117 - 8.535) \times (8.535 - 1.200) \\ &- 1.131 \times 32 / 2 \\ &= 109.1 \text{ m}^2 \end{aligned}$$

$$\begin{aligned} \text{Diaphragm Wall area} &= 1.131 \times 4 = 4.5 \text{ m}^2 \\ &= 109.1 - 4.5 \\ &= 104.6 \end{aligned}$$

Ground level	:	-5.346 m
Footing Top	:	-6.350 m
Footing	:	4.000 m
Bottom slab	:	2.000 m
Spread sand	:	0.500 m

$$\begin{aligned} &= 109.1 \times (-5.346 - -6.350 + 4.000) \\ &+ 104.6 \times (2.000 + 0.500) \\ &= 807.4 \text{ m}^3 \end{aligned}$$

(2) Backfill inside the well

Pier	:	3.000 m	(Bridge axial direction)
	:	13.000 m	(Right angle direction)

$$\begin{aligned} \text{Pier area} &= (3.000)^2 \times \pi/4 + (13.000 - 3.000) \times 3.000 \\ &= 37.1 \text{ m}^2 \end{aligned}$$

$$\begin{aligned} \text{Inside the well area} &= (8.535)^2 \times \pi/4 + (20.117 - 8.535) \times 8.535 \\ &= 156.1 \text{ m}^2 \end{aligned}$$

$$\text{Backfill} = (156.1 - 37.1) \times (-5.346 - -6.350) = 119.5 \text{ m}^3$$

(3) Surplus soil (waste soil)

$$\text{Surplus soil} = 807.4 - 119.5 = 687.9 \text{ m}^3$$

8. Footing concrete

Inside the well area	:	109.1 m ²
Footing	:	4.000 m

$$\text{Footing concrete} = 109.1 \times 4.000 = 436.4 \text{ m}^3$$

9. Bottom slab concrete

Inside the well area	:	104.6	m ²		
Bottom slab	:	2.000	m		
Bottom slab concrete	=	104.6	×	2.000	= 209.2 m ³
Consumption	=	209.2	×	(1 + K)	= 228.0 m ³
(K: Correction factor	=	0.09)		

10. Spread sand

Inside the well area	:	104.6	m ²		
Spread sand	:	0.500	m		
Spread sand	=	104.6	×	0.500	= 52.3 m ³

11. Welding of the dowel

Steel pipe well	:	32	number	(Circumference)	
Moment Re-bar	:	8	Stage		
Shearforce Re-bar	:	16	Stage		
Welding of the dowel	=	32	×	(8 + 16)	
	=	768	Stage		

12. Pile head

Steel pipe well	:	1.200	m		
Steel pipe well area	:	1.131	m ²		
Steel pipe well	:	4	number	(Diaphragm Wall)	
Filled concrete	:	1.300	m	(Subtraction of imbedding)	: 1.200 m
Ground level	:	-5.346	m		
Footing Bottom	:	-10.350	m		
Excavation inside	=	1.131	×	(-5.346 - -10.350 + 1.200)	×
	=	28.1	m ³		
Concrete filling	=	1.131	×	1.200	×
	=	5.4	m ³		

13. Cut-off the pipe

Steel pipe well	:	32	number	(Circumference)	
		4	number	(Diaphragm Wall)	
Steel pipe well Top	:	4.840	m		
Cut-off Position	:	-5.850	m		
	:	-10.250	m		
Cut-off	=	4.840	-	-5.850	= 10.690 m (Circumference)
	=	4.840	-	-10.250	= 15.090 m (Diaphragm Wall)

14. Falsework

1st stage : 0.350 m (H-350 × 350 × 12 × 19)
 2nd stage : 0.350 m (2H-350 × 350 × 12 × 19)
 3rd,4th stage : 0.300 m (H-300 × 300 × 10 × 15)

Strut of the 1st stag : 4 number Pillar : 16 number
 Strut of the 2nd stag : 8 number Pillar : 32 number
 Strut of the 3rd stag : 4 number Pillar : 16 number
 Strut of the 4th stag : 4 number Pillar : 16 number

well Outside : 8.535 m (Bridge axial direction)
 well Outside : 20.117 m (Right angle direction)
 Steel pipe well : 1.200 m
 Mounting space : 0.030 m

wale(wale(guide) of the 1st stage)

$$\begin{aligned}
 \text{1st stage} &= (8.535 - 1.200 \times 2 - 0.030 - 0.350) \times \pi = 18.080 \text{ m} \\
 &= (20.117 - 8.535) \times 2 = 23.164 \text{ m} \\
 &= (8.535 - 1.200 \times 2 - 0.030 - 0.350 \times 2) \times 2 = 10.810 \text{ m} \\
 &\quad \text{Total} = 52.054 \text{ m}
 \end{aligned}$$

$$\begin{aligned}
 \text{2nd stage} &= (8.535 - 1.200 \times 2 - 0.030 - 0.350) \times \pi = 18.080 \text{ m} \\
 &= (20.117 - 8.535) \times 2 = 23.164 \text{ m} \\
 &= (8.535 - 1.200 \times 2 - 0.030 - 0.350 \times 2) \times 2 = 10.810 \text{ m} \\
 &\quad \text{Total} = 52.054 \text{ m}
 \end{aligned}$$

$$\begin{aligned}
 \text{3rd,4th stage} &= (8.535 - 1.200 \times 2 - 0.030 - 0.300) \times \pi = 18.237 \text{ m} \\
 &= (20.117 - 8.535) \times 2 = 23.164 \text{ m} \\
 &= (8.535 - 1.200 \times 2 - 0.030 - 0.300 \times 2) \times 2 = 11.010 \text{ m} \\
 &\quad \text{Total} = 52.411 \text{ m}
 \end{aligned}$$

Strut

$$\begin{aligned}
 \text{L1} &= 8.535 - 1.200 \times 2 - 0.030 - 0.350 \times 2 = 5.405 \text{ m} \\
 \text{L2} &= 8.535 - 1.200 \times 2 - 0.030 - 0.350 \times 2 = 5.405 \text{ m} \\
 \text{L3} &= 8.535 - 1.200 \times 2 - 0.030 - 0.300 \times 2 = 5.505 \text{ m} \\
 \text{L4} &= 8.535 - 1.200 \times 2 - 0.030 - 0.300 \times 2 = 5.505 \text{ m}
 \end{aligned}$$

Pillar Span : 1.3 m

$$\begin{aligned}
 \text{L1} &= 1.300 \times 1.414 = 1.838 \text{ m} \\
 \text{L2} &= 1.300 \times 1.414 = 1.838 \text{ m} \\
 \text{L3} &= 1.300 \times 1.414 = 1.838 \text{ m} \\
 \text{L4} &= 1.300 \times 1.414 = 1.838 \text{ m}
 \end{aligned}$$

15. Concrete filling to space between steel pipe well and wale

well Outside : 8.535 m (Bridge axial direction)
 well Outside : 20.117 m (Right angle direction)
 Steel pipe well : 1.200 m
 Steel pipe well : 32 number

1st stage : 0.350 m
 2nd stage : 0.350 m
 3rd,4th stage : 0.300 m

$$\begin{aligned}
 \text{1st stage} &= 8.535^2 \times \pi/4 + (20.117 - 8.535) \times 8.535 \\
 &\quad - (8.535 - 1.200 \times 2)^2 \times \pi/4 \\
 &\quad - (20.117 - 8.535) \times (8.535 - 1.200 \times 2) \\
 &\quad - 1.200^2 \times \pi/4 \times 32 \\
 &= 19.3 \text{ m}^2
 \end{aligned}$$

$$\begin{aligned}
 \text{2nd,3rd,4th stage} &= (8.535 - 1.200)^2 \times \pi/4 \\
 &\quad + (20.117 - 8.535) \times (8.535 - 1.200) \\
 &\quad - (8.535 - 1.200 \times 2)^2 \times \pi/4 \\
 &\quad - (20.117 - 8.535) \times (8.535 - 1.200 \times 2) \\
 &\quad - 1.200^2 \times \pi/4 \times 32 \div 2 \\
 &= 8.5 \text{ m}^2
 \end{aligned}$$

$$\begin{aligned}
 \text{1st stage} &= 19.3 \times 0.350 \times 1 = 6.8 \text{ m}^3 \\
 \text{2nd stage} &= 8.5 \times 0.350 \times 2 = 6.0 \text{ m}^3 \\
 \text{3rd stage} &= 8.5 \times 0.300 \times 1 = 2.6 \text{ m}^3 \\
 \text{4th stage} &= 8.5 \times 0.300 \times 1 = 2.6 \text{ m}^3
 \end{aligned}$$

$$\text{Total} = 18.0 \text{ m}^3$$

$$\begin{aligned}
 \text{Consumption} &= 18.0 \times (1 + K) = 18.7 \text{ m}^3 \\
 (\text{K: Correction factor} &= 0.04)
 \end{aligned}$$

$$\text{Formwork} = 19.3 \times 1 + 8.5 \times 4 = 53.3 \text{ m}^2$$

16. Quantity Tabel

(1) Steel pipe well

Type: A,D

16 set

Name	Materials	Shape (mm)	Unit Weight (t/m)	Quantity of One point	Weight of One point	Point	Weight of One number
Top Steel pipe well	SKY400	φ 1200 t= 14	0.409	10.0 m	4.090	1	4.090 t
	SKY400	φ 1200 t= 16	0.467	17.5 m	8.173	1	8.173 t
	SKY400	φ 1200 t= 14	0.409	2.0 m	0.818	1	0.818 t
Bottom Steel pipe well	SKY400	φ 1200 t= 14	0.409	32.0 m	13.088	1	13.088 t
Reinforcement Band	SS400	PL 300 × 9 × 3798	0.080	1 piece	0.080	1	0.080 t
Members for Perimeter Field Welding (Backing Ring Stopper)	SS400	PL 70 × 6 × 3663	0.012	1 piece	0.012	1	0.012 t
	SS400	PL 6 × 12 × 30	0.000	8 piece	0.000	1	0.000 t
Sling①	SM490A	PL 200 × 22 × 150	0.005	2 piece	0.010	1	0.010 t
Sling②	SM490A	PL 300 × 22 × 250	0.013	2 piece	0.026	1	0.026 t
Interlocking Toe	SS400	PL 153 × 12 × 159	0.002	2 piece	0.004	1	2 piece
Precut				2 point		1	2 point
Top Interlocking	STK400	φ 165.2 t= 11	0.0418	28.9 m	1.208	2	5.008 t
Bottom Interlocking	STK400	φ 165.2 t= 11	0.0418	30.4 m	1.271	2	
In-situ Attached Interlocking	STK400	φ 165.2 t= 11	0.0418	0.6 m	0.025	2	

Type: B,C,E

14 set

Name	Materials	Shape (mm)	Unit Weight (t/m)	Quantity of One point	Weight of One point	Point	Weight of One number
Top Steel pipe well	SKY400	φ 1200 t= 14	0.409	10.0 m	4.090	1	4.090 t
	SKY400	φ 1200 t= 16	0.467	17.5 m	8.173	1	8.173 t
	SKY400	φ 1200 t= 14	0.409	3.0 m	1.227	1	1.227 t
Bottom Steel pipe well	SKY400	φ 1200 t= 14	0.409	31.0 m	12.679	1	12.679 t
Reinforcement Band	SS400	PL 300 × 9 × 3798	0.080	1 piece	0.080	1	0.080 t
Members for Perimeter Field Welding (Backing Ring Stopper)	SS400	PL 70 × 6 × 3663	0.012	1 piece	0.012	1	0.012 t
	SS400	PL 6 × 12 × 30	0.000	8 piece	0.000	1	0.000 t
Sling①	SM490A	PL 200 × 22 × 150	0.005	2 piece	0.010	1	0.010 t
Sling②	SM490A	PL 300 × 22 × 250	0.013	2 piece	0.026	1	0.026 t
Interlocking Toe	SS400	PL 153 × 12 × 159	0.002	2 piece	0.004	1	2 piece
Precut				2 point		1	2 point
Top Interlocking	STK400	φ 165.2 t= 11	0.0418	29.9 m	1.250	2	5.008 t
Bottom Interlocking	STK400	φ 165.2 t= 11	0.0418	29.4 m	1.229	2	
In-situ Attached Interlocking	STK400	φ 165.2 t= 11	0.0418	0.6 m	0.025	2	

Type: F

2 set

Name	Materials	Shape (mm)	Unit Weight (t/m)	Quantity of One point	Weight of One point	Point	Weight of One number
Top Steel pipe well	SKY400	φ 1200 t= 14	0.409	10.0 m	4.090	1	4.090 t
	SKY400	φ 1200 t= 16	0.467	17.5 m	8.173	1	8.173 t
	SKY400	φ 1200 t= 14	0.409	3.0 m	1.227	1	1.227 t
Bottom Steel pipe well	SKY400	φ 1200 t= 14	0.409	31.0 m	12.679	1	12.679 t
Reinforcement Band	SS400	PL 300 × 9 × 3798	0.080	1 piece	0.080	1	0.080 t
Members for Perimeter Field Welding (Backing Ring Stopper)	SS400	PL 70 × 6 × 3663	0.012	1 piece	0.012	1	0.012 t
	SS400	PL 6 × 12 × 30	0.000	8 piece	0.000	1	0.000 t
Sling①	SM490A	PL 200 × 22 × 150	0.005	2 piece	0.010	1	0.010 t
Sling②	SM490A	PL 300 × 22 × 250	0.013	2 piece	0.026	1	0.026 t
Interlocking Toe	SS400	PL 153 × 12 × 159	0.002	3 piece	0.006	1	3 piece
Precut				3 point		1	3 point
Top Interlocking	STK400	φ 165.2 t= 11	0.0418	29.9 m	1.250	3	7.512 t
Bottom Interlocking	STK400	φ 165.2 t= 11	0.0418	29.4 m	1.229	3	
In-situ Attached Interlocking	STK400	φ 165.2 t= 11	0.0418	0.6 m	0.025	3	

Type:G 2 set

Name	Materials	Shape (mm)	Unit Weight (t/m)	Quantity of One point	Weight of One point	Point	Weight of One number
Top Steel pipe well	SKY400	ϕ 1200 t= 14	0.409	32.5 m	13.293	1	13.293 t
Bottom Steel pipe well	SKY400	ϕ 1200 t= 14	0.409	29.0 m	11.861	1	11.861 t
Reinforcement Band	SS400	PL 300 × 9 × 3798	0.080	1 piece	0.080	1	0.080 t
Members for Perimeter Field Welding (Backing Ring Stopper)	SS400	PL 70 × 6 × 3663	0.012	1 piece	0.012	1	0.012 t
	SS400	PL 6 × 12 × 30	0.000	8 piece	0.000	1	0.000 t
Sling①	SM490A	PL 200 × 22 × 150	0.005	2 piece	0.010	1	0.010 t
Sling②	SM490A	PL 300 × 22 × 250	0.013	2 piece	0.026	1	0.026 t
Interlocking Toe	SS400	PL 153 × 12 × 159	0.002	2 piece	0.004	1	2 piece
Precut				2 point		1	2 point
Top Interlocking	STK400	ϕ 165.2 t= 11	0.0418	31.9 m	1.333	2	5.006 t
Bottom Interlocking	STK400	ϕ 165.2 t= 11	0.0418	27.4 m	1.145	2	
In-situ Attached Interlocking	STK400	ϕ 165.2 t= 11	0.0418	0.6 m	0.025	2	

Type:H 2 set

Name	Materials	Shape (mm)	Unit Weight (t/m)	Quantity of One point	Weight of One point	Point	Weight of One number
Top Steel pipe well	SKY400	ϕ 1200 t= 14	0.409	33.5 m	13.702	1	13.702 t
Bottom Steel pipe well	SKY400	ϕ 1200 t= 14	0.409	28.0 m	11.452	1	11.452 t
Reinforcement Band	SS400	PL 300 × 9 × 3798	0.080	1 piece	0.080	1	0.080 t
Members for Perimeter Field Welding (Backing Ring Stopper)	SS400	PL 70 × 6 × 3663	0.012	1 piece	0.012	1	0.012 t
	SS400	PL 6 × 12 × 30	0.000	8 piece	0.000	1	0.000 t
Sling①	SM490A	PL 200 × 22 × 150	0.005	2 piece	0.010	1	0.010 t
Sling②	SM490A	PL 300 × 22 × 250	0.013	2 piece	0.026	1	0.026 t
Interlocking Toe	SS400	PL 153 × 12 × 159	0.002	2 piece	0.004	1	2 piece
Precut				2 point		1	2 point
Top Interlocking	STK400	ϕ 165.2 t= 11	0.0418	32.9 m	1.375	2	5.008 t
Bottom Interlocking	STK400	ϕ 165.2 t= 11	0.0418	26.4 m	1.104	2	
In-situ Attached Interlocking	STK400	ϕ 165.2 t= 11	0.0418	0.6 m	0.025	2	

Total	ϕ 1200 t= 14mm (SKY400)	676.488 t
	ϕ 1200 t= 16mm (SKY400)	261.536 t
	ϕ 165.2 t= 11mm (STK400)	185.292 t
	Reinforcement Band (SS400)	2.880 t
	Members for Perimeter Field Welding (Backing Ring Stopper) (SS400)	0.432 t
	Stopper (SS400)	288 piece
	Sling① (SM490A)	0.360 t
	Sling② (SM490A)	0.936 t
	Interlocking Toe (SS400)	74 piece
	Precut	74 point
	In-situ Attached Interlocking	74 point

(2) Supporting

Type	Steel	Length (m)	Unit	Unit Weight	Weight (kg)	Remark	memo
Guide frame							
	H-350 × 350 × 12 × 19	51.171	1	135.0	6,908	SS400	Outside
	H-350 × 350 × 12 × 19	41.244	1	135.0	5,568	SS400	Inside
	H-350 × 350 × 12 × 19	10.810	1	135.0	1,459	SS400	Diaphragm Wall
					Total	13,935	
Guide pile							
	H-300 × 300 × 10 × 15	20.000	28	93.0	52,080	SS400	
Support Beam of Guide frame							
	[-200 × 90 × 8 × 13.5	2.530	14	30.3	1,073	SS400	
wale(wale(guide) of the 1st stage)							
	H-350 × 350 × 12 × 19	52.054	2	135.0	14,055	SS400	2nd stage
	H-300 × 300 × 10 × 15	52.411	1	93.0	4,874	SS400	3rd stage
	H-300 × 300 × 10 × 15	52.411	1	93.0	4,874	SS400	4th stage
strut							
	H-350 × 350 × 12 × 19	5.405	4	135.0	2,919	SS400	1st stage
	H-350 × 350 × 12 × 19	5.405	8	135.0	5,837	SS400	2nd stage
	H-300 × 300 × 10 × 15	5.505	4	93.0	2,048	SS400	3rd stage
	H-300 × 300 × 10 × 15	5.505	4	93.0	2,048	SS400	4th stage
Pillar							
	H-350 × 350 × 12 × 19	1.838	16	135.0	3,970	SS400	1st stage
	H-350 × 350 × 12 × 19	1.838	32	135.0	7,940	SS400	2nd stage
	H-300 × 300 × 10 × 15	1.838	16	93.0	2,735	SS400	3rd stage
	H-300 × 300 × 10 × 15	1.838	16	93.0	2,735	SS400	4th stage
					Main component	54,035 kg	
					Sub component (A)	11,888 kg	Main component × 0.22
					Sub component (B)	2,161 kg	Main component × 0.04

(3) Connection between steel pipe sheet pile and footing

Type	Steel	Length (m)	Unit	Unit Weight	Weight (kg)	Remark
Moment Re-bar						
P1	D22	1.000	512	3.04	1,556	SD345
P2	D22	1.000	512	3.04	1,556	SD345
Shearforce Re-bar						
P3	D22	0.700	1024	3.04	2,181	SD345
P4	D22	0.700	1024	3.04	2,181	SD345
					Total	7,474 kg

(4) Pile head

Type	Specification	Length (m)	Unit	Unit Weight	Weight (kg)	Remark	memo
filled Re-bar							
	D22	2.340	48	3.04	341	SD345	
Tie hoop							
	D13	4.530	24	0.995	108	SD345	
Erection bar							
	D13	3.740	16	0.995	60	SD345	
					Total	509 kg	
Shear Connector							
	PL-32 × 16	3.597	8	4.02	116	SS400	
Stopper							
	PL-25 × 9	0.050	24	1.77	2	SS400	
					Total	118 kg	
					Total	627 kg	

(5) Others

Type	Item	Unit	Quantity	Remark	memo
Concrete					
	Concrete filling	(m ³)	301.1	$\sigma_{ck}=21\text{N/mm}^2$	
	Concrete filling (Pile head)	(m ³)	5.4	$\sigma_{ck}=24\text{N/mm}^2$	
	Concrete filling to space between steel pipe well and wale	(m ³)	18.7	$\sigma_{ck}=18\text{N/mm}^2$	
	Formwork	(m ²)	53.3		
	Footing concrete	(m ³)	436.4	$\sigma_{ck}=24\text{N/mm}^2$	
	Bottom slab concrete	(m ³)	228.0	$\sigma_{ck}=21\text{N/mm}^2$	
	Spread sand	(m ³)	52.3		
Mortar filling inside					
	Mortar filling inside joint pipe	(m ³)	47.6	$\sigma_{ck}=21\text{N/mm}^2$	
	Sealing inside joint pipe	(m ³)	9.9	$\sigma_{ck}=0.2\text{N/mm}^2$	
	Sealing bag	(m)	697.0		
Excavation					
	Excavation inside the well	(m ³)	807.4		1161.4
	Excavation inside	(m ³)	325.9		
	Excavation inside (Pile head)	(m ³)	28.1		
	Cleaning inside joint pipe	(m)	1,850.5		
	Backfill inside the well	(m ³)	119.5		119.5
	Surplus soil (waste soil)	(m ³)	687.9		1041.9

(6) Footing Re-bar

Type	Item	Specification	Division	Unit	Quantity	Remark	
Footing Re-bar	Re-bar	SD345	D 13		kg	—	
			D16~D25	D 16	"	4,007	
				D 19	"	—	
				D 22	"	1,392	
				D 25	"	—	
				Total	"	5,399	
			D29~D32	D 29	"	7,878	
				D 32	"	—	
				Total	"	7,878	
			D 35		"	—	
			D 38		"	17,760	
	D 51		"	—			
	Total		"	31,037			
	Mechanical splice	SD345	D 38		Point	82	
			D 51		"	—	
Total			"	82			

17. Road Average N-value

Soil Coefficient : 1.00

Stratum	Formation (m)	N-value	Thickness of Stratum (m)	L × N
Ground level	-5.346	-		
CLAY- I	-7.42	1	2.07	2.07
Clay Sand-A	-11.42	3	4.00	12.00
Silty Sand- I	-18.42	13	7.00	91.00
Sandy CLAY- II	-22.42	9	4.00	36.00
CLAY-A II	-39.42	7	17.00	119.00
CLAY-A III	-54.42	18	15.00	270.00
Clayey Sand- II	-56.66	50	2.24	112.00
Total		12.5	51.31	642.07

4. P5 PIER (Mortar of Bearing)

4.1 Quantity Summary Table

【 P5 Pier Quantity Summary Table 】

Work Item	Item	Specification	区分	unit	Quantity	Remark
Bearing	Bearing Mortar	Non-shrinkage Mortar		m3	0.957	by steel box girder's bearing work (Pkg-1)
	Form for void for Anchor Bolt	Cylindrical mold	$\phi = 165\text{mm}$	m	10.8	by PC Box Girder (Pkg-1)
	Box-out Formwork	Box-out Formwork		m2	10.1	

4.2 Bearing Work

(1) Non-shrinkage Mortar

* G1	$t_1 = 40$	mm									
Bearing	1.730	*	1.280	*	0.040	=	0.0886 m3				
Box-out	1.730	*	1.280	*	0.030	=	0.0664 "				
Void	$1/4 * \pi$	*	0.165	*	0.165	*	0.690	*	4	=	0.0590 "
base plate	-	1.600	*	1.150	*	0.010	=	-0.0184 "			
anchor	$-1/4 * \pi$	*	0.065	*	0.065	*	0.650	*	4	=	-0.0086 "
							v1	=	0.1870 m3		
							1 * v1	=	<u>0.1870 m3</u>		

(2) form for void for anchor bolt

【 cylindrical mol	$\phi = 165$	mm					
L =	0.690	*	4	*	1	=	<u>2.760 m</u>

(3) Form for box-out

A =	{ 2 * (1.730	+ 1.280) * 0.030	+ 1.730	* 1.280 }	* 1	=	<u>2.395 m2</u>
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4.3 Bearing Work

(1) Non-shrinkage Mortar

* G2	$t_1 = 45$	mm									
Bearing	1.730	*	1.280	*	0.045	=	0.0996 m3				
Box-out	1.730	*	1.280	*	0.030	=	0.0664 "				
Void	$1/4 * \pi$	*	0.165	*	0.165	*	0.685	*	4	=	0.0586 "
base plate	-	1.600	*	1.150	*	0.010	=	-0.0184 "			
anchor	$-1/4 * \pi$	*	0.065	*	0.065	*	0.650	*	4	=	-0.0086 "
							v1	=	0.1976 m3		
							1 * v1	=	<u>0.1976 m3</u>		

(2) form for void for anchor bolt

【 cylindrical mol	$\phi = 165$	mm					
L =	0.685	*	4	*	1	=	<u>2.740 m</u>

(3) Form for box-out

A =	{ 2 * (1.730	+ 1.280)	* 0.030	+ 1.730	* 1.280 }	* 1	=	<u>2.395 m2</u>
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4.4 Bearing Work

(1) Non-shrinkage Mortar

* G3	$t_1 = 45 \text{ mm}$								
Bearing	1.730	*	1.280	*	0.045		=	0.0996 m3	
Box-out	1.730	*	1.280	*	0.030		=	0.0664 "	
Void	$1/4 * \pi$	*	0.165	*	0.165	* 0.685	* 4	= 0.0586 "	
base plate	- 1.600	*	1.150	*	0.010		=	-0.0184 "	
anchor	$-1/4 * \pi$	*	0.065	*	0.065	* 0.650	* 4	= -0.0086 "	
							v1	= 0.1976 m3	
							1 * v1	= 0.1976 m3	

(2) form for void for anchor bolt

【 cylindrical mol	$\phi = 165 \text{ mm}$							
L =	0.685	*	4	*	1		=	2.740 m

(3) Form for box-out

A =	$\{ 2 * (1.730 + 1.280) * 0.030$		$+ 1.730$		$* 1.280 \}$		$* 1$		$=$	<u>2.395 m2</u>
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4.5 Bearing Work

(1) Non-shrinkage Mortar

* G4		t 1 = 96 mm							
Bearing	1.900	*	1.450	*	0.096		=	0.2645	m3
Box-out	1.900	*	1.450	*	0.030		=	0.0827	"
Void	1/4	*	π	*	0.165	*	0.165	*	0.634
						*		*	4
							=	0.0542	"
base plate	-	1.600	*	1.150	*	0.010		=	-0.0184
									"
anchor	-1/4	*	π	*	0.065	*	0.065	*	0.650
						*		*	4
							=	-0.0086	"
							v1	=	0.3744
									m3
							1 * v1	=	0.3744
									<u>m3</u>

(2) form for void for anchor bolt

【 cylindrical mol $\phi = 165$ mm

$$L = 0.634 * 4 * 1 = \underline{2.536 \text{ m}}$$

(3) Form for box-out

$$A = \{ 2 * (1.900 + 1.450) * 0.030 + \frac{1.900 * 1.450}{2} \} * 1 = \underline{2.956 \text{ m}^2}$$

5. P10 PIER (Mortar of Bearing)

5.1 Quantity Summary Table

【 P10 Pier Quantity Summary Table 】

Work Item	Item	Specification	区分	unit	Quantity	Remark
Bearing	Bearing Mortar	Non-shrinkage Mortar		m3	1.390	by steel box girder's bearing work (Pkg-2)
	Form for void for Anchor Bolt	Cylindrical mold	$\phi = 200\text{mm}$	m	10.4	by stay cable bridge substructure work of Pkg-1
	Box-out Formwork	Box-out Formwork		m2	11.4	

5.2 Bearing Work

(1) Non-shrinkage Mortar

* G1, G4	$t_1 = 107 \text{ mm}$								
Bearing	2.100	*	1.400	*	0.107		=	0.3146 m ³	
Box-out	2.100	*	1.400	*	0.030		=	0.0882 "	
Void	$1/4 * \pi$	*	0.200	*	0.200	*	0.623	* 4 = 0.0783 "	
base plate	- 1.800	*	1.100	*	0.010		=	-0.0198 "	
anchor	$-1/4 * \pi$	*	0.065	*	0.065	*	0.650	* 4 = -0.0086 "	
							v1	= 0.4527 m ³	
							2 * v1	= <u>0.9054 m³</u>	

(2) form for void for anchor bolt

【 cylindrical mol $\phi = 200 \text{ mm}$

$$L = 0.623 * 4 * 2 = \underline{4.984 \text{ m}}$$

(3) Form for box-out

$$A = \{ 2 * (2.100 + 1.400) * 0.030 + \frac{2.100 * 1.400}{2} \} * 2 = \underline{6.300 \text{ m}^2}$$

5.3 Bearing Work

(1) Non-shrinkage Mortar

* G2, G3	$t_1 = 48$	mm						
Bearing	1.930	*	1.230	*	0.048		= 0.1139 m3	
Box-out	1.930	*	1.230	*	0.030		= 0.0712 "	
Void	$1/4 * \pi$	*	0.200	*	0.200	* 0.682 * 4	= 0.0857 "	
base plate	- 1.800	*	1.100	*	0.010		= -0.0198 "	
anchor	$-1/4 * \pi$	*	0.065	*	0.065	* 0.650 * 4	= -0.0086 "	
							v1	= 0.2424 m3
							2 * v1	= <u>0.4848 m3</u>

(2) form for void for anchor bolt

【 cylindrical mol	$\phi = 200$	mm					
L =	0.682	*	4	*	2		= <u>5.456 m</u>

(3) Form for box-out

A =	{ 2 * (1.930	+ 1.230) * 0.030	+ 1.930	* 1.230 }	* 2		= <u>5.127 m2</u>
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