

【Appendix Road-2】
Traffic Volume Survey

Road No. 1; Kakul to Dana via Balolia with link to Jabbi (9.16 Km)

Time	Direction	Vehicle Classification					Sub-Total	Total
		Ordinary Vehicles	Truck	Trailer	Bus	Others		
6:00 am -	Towards Start Point	38	1		1		40	57
7:00 am	Toward End Point	17					17	
7:00 am -	Towards Start Point	210	1			1	212	293
8:00 am	Toward End Point	77	2		1	1	81	
8:00 am -	Towards Start Point	232	2				234	326
9:00 am	Toward End Point	89	3				92	
9:00 am -	Towards Start Point	156	1			2	159	215
10:00 am	Toward End Point	55	1				56	
10:00 am	Towards Start Point	96	1				97	163
- 11:00	Toward End Point	61	3			2	66	
11:00 am	Towards Start Point	77	3			1	81	155
- 12:00	Toward End Point	72	1			1	74	
12:00 pm	Towards Start Point	78	1		1		80	201
- 1:00 pm	Toward End Point	118	2		1		121	
1:00 pm -	Towards Start Point	98	2			2	102	252
2:00 pm	Toward End Point	149			1		150	
2:00 pm -	Towards Start Point	114	1		1	1	117	283
3:00 pm	Toward End Point	163	2			1	166	
3:00 pm -	Towards Start Point	94	1				95	205
4:00 pm	Toward End Point	109	1				110	
4:00 pm -	Towards Start Point	90			1		91	218
5:00 pm	Toward End Point	126			1		127	
5:00 pm -	Towards Start Point	65					65	191
6:00 pm	Toward End Point	126					126	
Sub Total	Towards Start Point	1,348	14	0	4	7	1,373	2,559
	Toward End Point	1,162	15	0	4	5	1,186	
Total		2,510	29	0	8	12	2,559	2,559

12 hours traffic volume

Direction	Vehicle Classification					Sub-Total
	Ordinary Vehicles	Truck	Trailer	Bus	Others	
Towards Start Point	1,348	14	0	4	7	1,373
Toward End Point	1,162	15	0	4	5	1,186
Total	2,510	29	0	8	12	2,559

night-time rate

5 %

24 hours traffic volume

Direction	Vehicle Classification					Sub-Total	PCU/day
	Ordinary Vehicles	Truck	Trailer	Bus	Others		
Towards Start Point	1,419	15	0	4	7	1,445	1,489
Toward End Point	1,223	16	0	4	5	1,248	1,296
Total	2,642	31	0	8	12	2,693	2,785

PCU rate

	Ordinary Vehicles	Truck	Trailer	Bus	Others
Rate	1.00	3.50	3.50	3.50	0.50

Road No. 2; Link Road to Sherwan Road (10.71 Km)

Time	Direction	Vehicle Classification					Sub-Total	Total
		Ordinary Vehicles	Truck	Trailer	Bus	Others		
6:00 am - 7:00 am	Towards Start Point	13					13	21
	Toward End Point	8					8	
7:00 am - 8:00 am	Towards Start Point	74	2				76	107
	Toward End Point	31					31	
8:00 am - 9:00 am	Towards Start Point	41	1				42	62
	Toward End Point	18	1			1	20	
9:00 am - 10:00 am	Towards Start Point	37	1		1		39	58
	Toward End Point	18	1				19	
10:00 am - 11:00 am	Towards Start Point	22	2				24	41
	Toward End Point	16	1				17	
11:00 am - 12:00 pm	Towards Start Point	15	1				16	28
	Toward End Point	10	2				12	
12:00 pm - 1:00 pm	Towards Start Point	16				1	17	40
	Toward End Point	21	2				23	
1:00 pm - 2:00 pm	Towards Start Point	19	2				21	44
	Toward End Point	23					23	
2:00 pm - 3:00 pm	Towards Start Point	25					25	55
	Toward End Point	29	1				30	
3:00 pm - 4:00 pm	Towards Start Point	16				1	17	36
	Toward End Point	19					19	
4:00 pm - 5:00 pm	Towards Start Point	19					19	40
	Toward End Point	19	2				21	
5:00 pm - 6:00 pm	Towards Start Point	32	3				35	74
	Toward End Point	39					39	
Sub Total	Towards Start Point	329	12	0	1	2	344	606
	Toward End Point	251	10	0	0	1	262	

12 hours traffic volume

Direction	Vehicle Classification					Sub-Total
	Ordinary Vehicles	Truck	Trailer	Bus	Others	
Towards Start Point	329	12	0	1	2	344
Toward End Point	251	10	0	0	1	262
Total	580	22	0	1	3	606

night-time rate

5 %

24 hours traffic volume

Direction	Vehicle Classification					Sub-Total	PCU/day
	Ordinary Vehicles	Truck	Trailer	Bus	Others		
Towards Start Point	346	13	0	1	2	362	396
Toward End Point	264	11	0	0	1	276	303
Total	610	24	0	1	3	638	699

PCU rate

	Ordinary Vehicles	Truck	Trailer	Bus	Others
Rate	1.00	3.50	3.50	3.50	0.50

Road No. 3; Banda Ali Khan to Shahokot Main Road (8.84 Km)

Time	Direction	Vehicle Classification					Sub-Total	Total
		Ordinary Vehicles	Truck	Trailer	Bus	Others		
6:00 am - 7:00 am	Towards Start Point	6					6	14
	Toward End Point	8					8	
7:00 am - 8:00 am	Towards Start Point	10					10	25
	Toward End Point	14	1				15	
8:00 am - 9:00 am	Towards Start Point	13					13	18
	Toward End Point	5					5	
9:00 am - 10:00 am	Towards Start Point	10					10	13
	Toward End Point	3					3	
10:00 am - 11:00 am	Towards Start Point	7				1	8	12
	Toward End Point	4					4	
11:00 am - 12:00 pm	Towards Start Point	7					7	11
	Toward End Point	4					4	
12:00 pm - 1:00 pm	Towards Start Point	4	1				5	10
	Toward End Point	5					5	
1:00 pm - 2:00 pm	Towards Start Point	5					5	14
	Toward End Point	9					9	
2:00 pm - 3:00 pm	Towards Start Point	7					7	15
	Toward End Point	8					8	
3:00 pm - 4:00 pm	Towards Start Point	6	1				7	11
	Toward End Point	4					4	
4:00 pm - 5:00 pm	Towards Start Point	4					4	10
	Toward End Point	6					6	
5:00 pm - 6:00 pm	Towards Start Point	10					10	13
	Toward End Point	3					3	
Total		162	3	0	0	1	166	166

12 hours traffic volume

Direction	Vehicle Classification					Sub-Total
	Ordinary Vehicles	Truck	Trailer	Bus	Others	
Towards Start Point	77	0	0	0	0	77
Toward End Point	82	3	0	0	1	86
Total	159	3	0	0	1	163

night-time rate

5 %

24 hours traffic volume

Direction	Vehicle Classification					Sub-Total	PCU/day
	Ordinary Vehicles	Truck	Trailer	Bus	Others		
Towards Start Point	81	0	0	0	0	81	81
Toward End Point	86	3	0	0	1	90	97
Total	167	3	0	0	1	171	178

PCU rate

	Ordinary Vehicles	Truck	Trailer	Bus	Others
Rate	1.00	3.50	3.50	3.50	0.50

Road No. 4; Takia Hall to Beer Pid Gali Road (20.35 Km)

Time	Direction	Vehicle Classification					Sub-Total	Total
		Ordinary Vehicles	Truck	Trailer	Bus	Others		
6:00 am - 7:00 am	Towards Start Point	11	2		8	3	24	36
	Toward End Point	7	3			2	12	
7:00 am - 8:00 am	Towards Start Point	18	4		6		28	55
	Toward End Point	12			9	6	27	
8:00 am - 9:00 am	Towards Start Point	44	3		5	5	57	117
	Toward End Point	40			12	8	60	
9:00 am - 10:00 am	Towards Start Point	40	2	1	3	4	50	111
	Toward End Point	43	3	2	8	5	61	
10:00 am - 11:00 am	Towards Start Point	39	1		4	5	49	103
	Toward End Point	39	4	1	6	4	54	
11:00 am - 12:00 pm	Towards Start Point	42	2	1	5	4	54	97
	Toward End Point	29	2	3	4	5	43	
12:00 pm - 1:00 pm	Towards Start Point	33			5		38	66
	Toward End Point	25			3		28	
1:00 pm - 2:00 pm	Towards Start Point	21	1		3		25	57
	Toward End Point	29			3		32	
2:00 pm - 3:00 pm	Towards Start Point	32			5		37	56
	Toward End Point	15	1		3		19	
3:00 pm - 4:00 pm	Towards Start Point	30			5		35	59
	Toward End Point	20	1		3		24	
4:00 pm - 5:00 pm	Towards Start Point	33	1	1	2		37	61
	Toward End Point	21	1			2	24	
5:00 pm - 6:00 pm	Towards Start Point	29			3		32	62
	Toward End Point	26	1		3		30	
Total		678	32	9	108	53	880	880

12 hours traffic volume

Direction	Vehicle Classification					Sub-Total
	Ordinary Vehicles	Truck	Trailer	Bus	Others	
Towards Start Point	372	16	3	54	21	466
Toward End Point	306	16	6	54	32	414
Total	678	32	9	108	53	880

night-time rate

5 %

24 hours traffic volume

Direction	Vehicle Classification					Sub-Total	PCU/day
	Ordinary Vehicles	Truck	Trailer	Bus	Others		
Towards Start Point	392	17	3	57	22	491	673
Toward End Point	322	17	6	57	34	436	619
Total	714	34	9	114	56	927	1,292

PCU rate

	Ordinary Vehicles	Truck	Trailer	Bus	Others
Rate	1.00	3.50	3.50	3.50	0.50

Road No. 5; GS Marble to Lewganai Road Buner (33.43 Km)

Time	Direction	Vehicle Classification					Sub-Total	Total
		Ordinary Vehicles	Truck	Trailer	Bus	Others		
6:00 am - 7:00 am	Towards Start Point	98	12	1	7	8	126	320
	Toward End Point	150	9		24	11	194	
7:00 am - 8:00 am	Towards Start Point	182	14		21	20	237	643
	Toward End Point	320	14		53	19	406	
8:00 am - 9:00 am	Towards Start Point	985	43		49	62	1139	2008
	Toward End Point	785			46	38	869	
9:00 am - 10:00 am	Towards Start Point	1175	19		23	23	1240	2541
	Toward End Point	1160	24		69	48	1301	
10:00 am - 11:00 am	Towards Start Point	1480	25		26	39	1570	2900
	Toward End Point	1220	19		42	49	1330	
11:00 am - 12:00 pm	Towards Start Point	1605	17		26	26	1674	3277
	Toward End Point	1520	24		27	32	1603	
12:00 pm - 1:00 pm	Towards Start Point	1855	15		25	17	1912	3599
	Toward End Point	1610	27		23	27	1687	
1:00 pm - 2:00 pm	Towards Start Point	1930	10		32	17	1989	3929
	Toward End Point	1880	19		27	14	1940	
2:00 pm - 3:00 pm	Towards Start Point	1320	13		28	29	1390	2830
	Toward End Point	1370	27		22	21	1440	
3:00 pm - 4:00 pm	Towards Start Point	1320	8		20	18	1366	2936
	Toward End Point	1480	48		19	23	1570	
4:00 pm - 5:00 pm	Towards Start Point	1120	14		15	8	1157	2725
	Toward End Point	1490	42		22	14	1568	
5:00 pm - 6:00 pm	Towards Start Point	820	8		25	15	868	2019
	Toward End Point	1070	49		14	18	1151	
Total		27945	500	1	685	596	29727	29727

12 hours traffic volume

Direction	Vehicle Classification					Sub-Total
	Ordinary Vehicles	Truck	Trailer	Bus	Others	
Towards Start Point	13,890	198	1	297	282	14,668
Toward End Point	14,055	302	0	388	314	15,059
Total	27,945	500	1	685	596	29,727

night-time rate

20 %

24 hours traffic volume

Direction	Vehicle Classification					Sub-Total	PCU/day	PCU/hour
	Ordinary Vehicles	Truck	Trailer	Bus	Others			
Towards Start Point	17,363	248	1	371	353	18,336	19,710	1,643
Toward End Point	17,569	378	0	485	393	18,825	20,786	1,732
Total	34,932	626	1	856	746	37,161	40,496	3,375

PCU rate

	Ordinary Vehicles	Truck	Trailer	Bus	Others
Rate	1.00	3.50	3.50	3.50	0.50

Road No. 6; Kankawai to Dandar Road (25.11 Km)

Time	Direction	Vehicle Classification					Sub-Total	Total
		Ordinary Vehicles	Truck	Trailer	Bus	Others		
6:00 am - 7:00 am	Towards Start Point	74	3		6	3	86	169
	Toward End Point	75	1		3	4	83	
7:00 am - 8:00 am	Towards Start Point	109	2		4	4	119	251
	Toward End Point	120	2		4	6	132	
8:00 am - 9:00 am	Towards Start Point	150	4		6	8	168	351
	Toward End Point	159	3		9	12	183	
9:00 am - 10:00 am	Towards Start Point	220	1		2	3	226	442
	Toward End Point	202	4		6	4	216	
10:00 am - 11:00 am	Towards Start Point	238	1		6	3	248	508
	Toward End Point	249	2		3	6	260	
11:00 am - 12:00 pm	Towards Start Point	176	2		3	1	182	367
	Toward End Point	178	1		4	2	185	
12:00 pm - 1:00 pm	Towards Start Point	169	1		3	3	176	370
	Toward End Point	183	4		3	4	194	
1:00 pm - 2:00 pm	Towards Start Point	140	3		3	3	149	281
	Toward End Point	125	1		5	1	132	
2:00 pm - 3:00 pm	Towards Start Point	145	1		4	4	154	314
	Toward End Point	147	2		7	4	160	
3:00 pm - 4:00 pm	Towards Start Point	222	3		6	10	241	434
	Toward End Point	187			2	4	193	
4:00 pm - 5:00 pm	Towards Start Point	189	1		2	3	195	348
	Toward End Point	145	2		3	3	153	
5:00 pm - 6:00 pm	Towards Start Point	124	2		6	4	136	245
	Toward End Point	105	1		2	1	109	
Total		3831	47	0	102	100	4080	4080

12 hours traffic volume

Direction	Vehicle Classification					Sub-Total
	Ordinary Vehicles	Truck	Trailer	Bus	Others	
Towards Start Point	1,956	24	0	51	49	2,080
Toward End Point	1,875	23	0	51	51	2,000
Total	3,831	47	0	102	100	4,080

night-time rate

20 %

24 hours traffic volume

Direction	Vehicle Classification					Sub-Total	PCU/day
	Ordinary Vehicles	Truck	Trailer	Bus	Others		
Towards Start Point	2,445	30	0	64	61	2,600	2,805
Toward End Point	2,344	29	0	64	64	2,501	2,702
Total	4,789	59	0	128	125	5,101	5,507

PCU rate

	Ordinary Vehicles	Truck	Trailer	Bus	Others
Rate	1.00	3.50	3.50	3.50	0.50

Road No. 7; Indus View Road from Dhappan Wala Morto Mian Bakhar Road (4.19 Km)

Time	Direction	Vehicle Classification					Sub-Total	Total
		Ordinary Vehicles	Truck	Trailer	Bus	Others		
6:00 am - 7:00 am	Towards Start Point	148			3	8	159	284
	Toward End Point	109	4		5	7	125	
7:00 am - 8:00 am	Towards Start Point	220	1		5	12	238	526
	Toward End Point	247	6		8	27	288	
8:00 am - 9:00 am	Towards Start Point	320			4	23	347	647
	Toward End Point	275				25	300	
9:00 am - 10:00 am	Towards Start Point	290	1	1		17	309	589
	Toward End Point	265			2	13	280	
10:00 am - 11:00 am	Towards Start Point	370			1	10	381	746
	Toward End Point	350	2			13	365	
11:00 am - 12:00 pm	Towards Start Point	455			2	21	478	839
	Toward End Point	334	2		1	24	361	
12:00 pm - 1:00 pm	Towards Start Point	400	2		5	19	426	856
	Toward End Point	401	2		1	26	430	
1:00 pm - 2:00 pm	Towards Start Point	430			2	23	455	935
	Toward End Point	450	2		1	27	480	
2:00 pm - 3:00 pm	Towards Start Point	377	1			23	401	801
	Toward End Point	375	1		2	22	400	
3:00 pm - 4:00 pm	Towards Start Point	450			6	40	496	982
	Toward End Point	445			3	38	486	
4:00 pm - 5:00 pm	Towards Start Point	348	3		1	22	374	826
	Toward End Point	428	2		3	19	452	
5:00 pm - 6:00 pm	Towards Start Point	338	2		2	28	370	723
	Toward End Point	323	3		3	24	353	
Total		8148	34	1	60	511	8754	8754
		8148	34	1	60	511	8754	8754

12 hours traffic volume

Direction	Vehicle Classification					Sub-Total
	Ordinary Vehicles	Truck	Trailer	Bus	Others	
Towards Start Point	4,146	10	1	31	246	4,434
Toward End Point	4,002	24	0	29	265	4,320
Total	8,148	34	1	60	511	8,754

night-time rate

5 %

24 hours traffic volume

Direction	Vehicle Classification					Sub-Total	PCU/day
	Ordinary Vehicles	Truck	Trailer	Bus	Others		
Towards Start Point	4,364	11	1	33	259	4,668	4,651
Toward End Point	4,213	25	0	31	279	4,548	4,549
Total	8,577	36	1	64	538	9,216	9,200

PCU rate

	Ordinary Vehicles	Truck	Trailer	Bus	Others
Rate	1.00	3.50	3.50	3.50	0.50

Road No. 8; Ramak to Chodwan Road (48.17 Km)

Time	Direction	Vehicle Classification					Sub-Total	Total
		Ordinary Vehicles	Truck	Trailer	Bus	Others		
6:00 am - 7:00 am	Towards Start Point	31				2	33	72
	Toward End Point	36				3	39	
7:00 am - 8:00 am	Towards Start Point	47				6	53	116
	Toward End Point	55				8	63	
8:00 am - 9:00 am	Towards Start Point	64				7	71	144
	Toward End Point	65	1			7	73	
9:00 am - 10:00 am	Towards Start Point	73				3	76	166
	Toward End Point	82	2			6	90	
10:00 am - 11:00 am	Towards Start Point	40				7	47	103
	Toward End Point	53				3	56	
11:00 am - 12:00 pm	Towards Start Point	49				4	53	117
	Toward End Point	61				3	64	
12:00 pm - 1:00 pm	Towards Start Point	69				3	72	131
	Toward End Point	51				8	59	
1:00 pm - 2:00 pm	Towards Start Point	71				8	79	136
	Toward End Point	54				3	57	
2:00 pm - 3:00 pm	Towards Start Point	69				3	72	127
	Toward End Point	48				7	55	
3:00 pm - 4:00 pm	Towards Start Point	61				4	65	118
	Toward End Point	47	1			5	53	
4:00 pm - 5:00 pm	Towards Start Point	52				6	58	100
	Toward End Point	38				4	42	
5:00 pm - 6:00 pm	Towards Start Point	38				3	41	79
	Toward End Point	32				6	38	
Total		1286	4	0	0	119	1409	1409
		1286	4	0	0	119	1409	1409

12 hours traffic volume

Direction	Vehicle Classification					Sub-Total
	Ordinary Vehicles	Truck	Trailer	Bus	Others	
Towards Start Point	664	0	0	0	56	720
Toward End Point	622	4	0	0	63	689
Total	1,286	4	0	0	119	1,409

night-time rate

5 %

24 hours traffic volume

Direction	Vehicle Classification					Sub-Total	PCU/day
	Ordinary Vehicles	Truck	Trailer	Bus	Others		
Towards Start Point	699	0	0	0	59	758	729
Toward End Point	655	4	0	0	66	725	702
Total	1,354	4	0	0	125	1,483	1,431

PCU rate

	Ordinary Vehicles	Truck	Trailer	Bus	Others
Rate	1.00	3.50	3.50	3.50	0.50

Road No. 9; Balakot to Ghar Habibullah Road (20.66 Km)

Time	Direction	Vehicle Classification					Sub-Total	Total
		Ordinary Vehicles	Truck	Trailer	Bus	Others		
6:00 am - 7:00 am	Towards Start Point	11	2			2	15	38
	Toward End Point	16	3		2	2	23	
7:00 am - 8:00 am	Towards Start Point	59	6			1	66	125
	Toward End Point	51	5			3	59	
8:00 am - 9:00 am	Towards Start Point	103	12		1	1	117	176
	Toward End Point	51	5			3	59	
9:00 am - 10:00 am	Towards Start Point	97	5			1	103	210
	Toward End Point	90	15			2	107	
10:00 am - 11:00 am	Towards Start Point	88	8		2	2	100	264
	Toward End Point	150	6		7	1	164	
11:00 am - 12:00 pm	Towards Start Point	285	12		19	12	328	684
	Toward End Point	305	18		19	14	356	
12:00 pm - 1:00 pm	Towards Start Point	315	11		20	9	355	725
	Toward End Point	330	21		12	7	370	
1:00 pm - 2:00 pm	Towards Start Point	277	18		12	4	311	642
	Toward End Point	283	23		18	7	331	
2:00 pm - 3:00 pm	Towards Start Point	380	13		11	5	409	765
	Toward End Point	315	26		14	1	356	
3:00 pm - 4:00 pm	Towards Start Point	330	15		13	2	360	674
	Toward End Point	283	13		15	3	314	
4:00 pm - 5:00 pm	Towards Start Point	259	18	2	12	6	297	602
	Toward End Point	274	6		13	12	305	
5:00 pm - 6:00 pm	Towards Start Point	240	19	4	8	7	278	514
	Toward End Point	210	8		11	7	236	
Total		4802	288	6	209	114	5419	5419
		4802	288	6	209	114	5419	5419

12 hours traffic volume

Direction	Vehicle Classification					Sub-Total
	Ordinary Vehicles	Truck	Trailer	Bus	Others	
Towards Start Point	2,444	139	6	98	52	2,739
Toward End Point	2,358	149	0	111	62	2,680
Total	4,802	288	6	209	114	5,419

night-time rate

10 %

24 hours traffic volume

Direction	Vehicle Classification					Sub-Total	PCU/day
	Ordinary Vehicles	Truck	Trailer	Bus	Others		
Towards Start Point	2,716	154	7	109	58	3,044	3,690
Toward End Point	2,620	166	0	123	69	2,978	3,666
Total	5,336	320	7	232	127	6,022	7,356

PCU rate

	Ordinary Vehicles	Truck	Trailer	Bus	Others
Rate	1.00	3.50	3.50	3.50	0.50

Road No. 10-1; Chakia Farsh to Khushala and Mattan Wali Ziarat Khusala Hayana Road-1 (4.21 Km)

Time	Direction	Vehicle Classification					Sub-Total	Total
		Ordinary Vehicles	Truck	Trailer	Bus	Others		
6:00 am - 7:00 am	Towards Start Point	27					27	41
	Toward End Point	12	1			1	14	
7:00 am - 8:00 am	Towards Start Point	272	2		1	1	276	349
	Toward End Point	70	1			2	73	
8:00 am - 9:00 am	Towards Start Point	323	3		5	6	337	541
	Toward End Point	196			2	6	204	
9:00 am - 10:00 am	Towards Start Point	256			2	5	263	399
	Toward End Point	126	1		1	8	136	
10:00 am - 11:00 am	Towards Start Point	180	3		1	6	190	315
	Toward End Point	119	2			4	125	
11:00 am - 12:00 pm	Towards Start Point	158				4	162	288
	Toward End Point	121	1			4	126	
12:00 pm - 1:00 pm	Towards Start Point	123				7	130	280
	Toward End Point	148				2	150	
1:00 pm - 2:00 pm	Towards Start Point	176	1			7	184	468
	Toward End Point	277			7		284	
2:00 pm - 3:00 pm	Towards Start Point	210	1			3	214	465
	Toward End Point	247	1		1	2	251	
3:00 pm - 4:00 pm	Towards Start Point	169				4	173	374
	Toward End Point	196	1			4	201	
4:00 pm - 5:00 pm	Towards Start Point	158			2	6	166	389
	Toward End Point	217			3	3	223	
5:00 pm - 6:00 pm	Towards Start Point	213	3			8	224	523
	Toward End Point	291	1			7	299	
Total		4285	22	0	25	100	4432	4432

4285 22 0 25 100 4432 4432

12 hours traffic volume

Direction	Vehicle Classification					Sub-Total
	Ordinary Vehicles	Truck	Trailer	Bus	Others	
Towards Start Point	2,265	13	0	11	57	2,346
Toward End Point	2,020	9	0	14	43	2,086
Total	4,285	22	0	25	100	4,432

night-time rate

10 %

24 hours traffic volume

Direction	Vehicle Classification					Sub-Total	PCU/day
	Ordinary Vehicles	Truck	Trailer	Bus	Others		
Towards Start Point	2,517	14	0	12	63	2,606	2,640
Toward End Point	2,244	10	0	16	48	2,318	2,359
Total	4,761	24	0	28	111	4,924	4,999

PCU rate

	Ordinary Vehicles	Truck	Trailer	Bus	Others
Rate	1.00	3.50	3.50	3.50	0.50

Road No. 10-2; Chakia Farsh to Khushala and Mattan Wali Ziarat Khusala Hayana Road-1 (0.85 Km)

Time	Direction	Vehicle Classification					Sub-Total	Total
		Ordinary Vehicles	Truck	Trailer	Bus	Others		
6:00 am - 7:00 am	Towards Start Point	1					1	3
	Toward End Point	1	1				2	
7:00 am - 8:00 am	Towards Start Point	5					5	8
	Toward End Point	3					3	
8:00 am - 9:00 am	Towards Start Point	3					3	9
	Toward End Point	4	2				6	
9:00 am - 10:00 am	Towards Start Point	6					6	10
	Toward End Point	2				2	4	
10:00 am - 11:00 am	Towards Start Point	2					2	5
	Toward End Point	2		1			3	
11:00 am - 12:00 pm	Towards Start Point	3					3	8
	Toward End Point	3	2				5	
12:00 pm - 1:00 pm	Towards Start Point	5					5	10
	Toward End Point	4				1	5	
1:00 pm - 2:00 pm	Towards Start Point	2					2	8
	Toward End Point	5	1				6	
2:00 pm - 3:00 pm	Towards Start Point	3					3	6
	Toward End Point	2				1	3	
3:00 pm - 4:00 pm	Towards Start Point	1					1	5
	Toward End Point	4					4	
4:00 pm - 5:00 pm	Towards Start Point	4					4	5
	Toward End Point	1					1	
5:00 pm - 6:00 pm	Towards Start Point	2					2	4
	Toward End Point	2					2	
Total		70	6	1	0	4	81	81

70 6 1 0 4 81 81

12 hours traffic volume

Direction	Vehicle Classification					Sub-Total
	Ordinary Vehicles	Truck	Trailer	Bus	Others	
Towards Start Point	37	0	0	0	0	37
Toward End Point	33	6	1	0	4	44
Total	70	6	1	0	4	81

night-time rate

5 %

24 hours traffic volume

Direction	Vehicle Classification					Sub-Total	PCU/day
	Ordinary Vehicles	Truck	Trailer	Bus	Others		
Towards Start Point	39	0	0	0	0	39	39
Toward End Point	35	6	1	0	4	46	62
Total	74	6	1	0	4	85	101

PCU rate

	Ordinary Vehicles	Truck	Trailer	Bus	Others
Rate	1.00	3.50	3.50	3.50	0.50

Road No. 11; Rano Garhi to Budni Village Peshawar (4.84 Km)

Time	Direction	Vehicle Classification					Sub-Total	Total
		Ordinary Vehicles	Truck	Trailer	Bus	Others		
6:00 am - 7:00 am	Towards Start Point	30	2		4		36	69
	Toward End Point	27	3			3	33	
7:00 am - 8:00 am	Towards Start Point	57	4			3	64	119
	Toward End Point	42	7			6	55	
8:00 am - 9:00 am	Towards Start Point	87				5	92	217
	Toward End Point	118				7	125	
9:00 am - 10:00 am	Towards Start Point	149			1	9	159	348
	Toward End Point	176	2		1	10	189	
10:00 am - 11:00 am	Towards Start Point	152				11	163	315
	Toward End Point	144	1			7	152	
11:00 am - 12:00 pm	Towards Start Point	208	2			18	228	412
	Toward End Point	175				9	184	
12:00 pm - 1:00 pm	Towards Start Point	149	1		1	13	164	337
	Toward End Point	162				11	173	
1:00 pm - 2:00 pm	Towards Start Point	136	2			7	145	296
	Toward End Point	134	4			13	151	
2:00 pm - 3:00 pm	Towards Start Point	141				9	150	302
	Toward End Point	138	3		1	10	152	
3:00 pm - 4:00 pm	Towards Start Point	96	2			3	101	218
	Toward End Point	105	4			8	117	
4:00 pm - 5:00 pm	Towards Start Point	112	2			5	119	274
	Toward End Point	143			3	9	155	
5:00 pm - 6:00 pm	Towards Start Point	99	3			7	109	246
	Toward End Point	123	2		4	8	137	
Total		2903	44	0	15	191	3153	3153
		2903	44	0	15	191	3153	3153

12 hours traffic volume

Direction	Vehicle Classification					Sub-Total
	Ordinary Vehicles	Truck	Trailer	Bus	Others	
Towards Start Point	1,416	18	0	6	90	1,530
Toward End Point	1,487	26	0	9	101	1,623
Total	2,903	44	0	15	191	3,153

night-time rate

5 %

24 hours traffic volume

Direction	Vehicle Classification					Sub-Total	PCU/day
	Ordinary Vehicles	Truck	Trailer	Bus	Others		
Towards Start Point	1,491	19	0	6	95	1,611	1,626
Toward End Point	1,565	27	0	9	106	1,707	1,744
Total	3,056	46	0	15	201	3,318	3,370

PCU rate

	Ordinary Vehicles	Truck	Trailer	Bus	Others
Rate	1.00	3.50	3.50	3.50	0.50

Road No. 12; Langar to Archillai Road (6.04 Km)

Time	Direction	Vehicle Classification					Sub-Total	Total
		Ordinary Vehicles	Truck	Trailer	Bus	Others		
6:00 am - 7:00 am	Towards Start Point	50			4		54	104
	Toward End Point	42	4		4		50	
7:00 am - 8:00 am	Towards Start Point	79	1		6		86	160
	Toward End Point	67	2		5		74	
8:00 am - 9:00 am	Towards Start Point	104	5		7		116	224
	Toward End Point	100	3		5		108	
9:00 am - 10:00 am	Towards Start Point	169	8		10	3	190	363
	Toward End Point	163	6		4		173	
10:00 am - 11:00 am	Towards Start Point	212	5		5		222	383
	Toward End Point	147	7		6	1	161	
11:00 am - 12:00 pm	Towards Start Point	204	12		7		223	339
	Toward End Point	103	6		6	1	116	
12:00 pm - 1:00 pm	Towards Start Point	185	8		7	2	202	341
	Toward End Point	127	4		8		139	
1:00 pm - 2:00 pm	Towards Start Point	118	6		6	1	131	291
	Toward End Point	143	4		13		160	
2:00 pm - 3:00 pm	Towards Start Point	99	4		4		107	259
	Toward End Point	123	7		22		152	
3:00 pm - 4:00 pm	Towards Start Point	87	2		3		92	229
	Toward End Point	113	6		16	2	137	
4:00 pm - 5:00 pm	Towards Start Point	88	3		3	1	95	216
	Toward End Point	98	8		13	2	121	
5:00 pm - 6:00 pm	Towards Start Point	92	2		2		96	183
	Toward End Point	76	4		6	1	87	
Total		2789	117	0	172	14	3092	3092
		2789	117	0	172	14	3092	3092

12 hours traffic volume

Direction	Vehicle Classification					Sub-Total
	Ordinary Vehicles	Truck	Trailer	Bus	Others	
Towards Start Point	1,487	56	0	64	7	1,614
Toward End Point	1,302	61	0	108	7	1,478
Total	2,789	117	0	172	14	3,092

night-time rate

5 %

24 hours traffic volume

Direction	Vehicle Classification					Sub-Total	PCU/day
	Ordinary Vehicles	Truck	Trailer	Bus	Others		
Towards Start Point	1,565	59	0	67	7	1,698	2,010
Toward End Point	1,371	64	0	114	7	1,556	1,998
Total	2,936	123	0	181	14	3,254	4,008

PCU rate

	Ordinary Vehicles	Truck	Trailer	Bus	Others
Rate	1.00	3.50	3.50	3.50	0.50

Road No. 13; Pir Kalay to Shawar Road (21.36 Km)

Time	Direction	Vehicle Classification					Sub-Total	Total
		Ordinary Vehicles	Truck	Trailer	Bus	Others		
6:00 am - 7:00 am	Towards Start Point	35	7		4		46	91
	Toward End Point	33	12				45	
7:00 am - 8:00 am	Towards Start Point	165	6		35		206	287
	Toward End Point	76	1		4		81	
8:00 am - 9:00 am	Towards Start Point	195	16		31		242	350
	Toward End Point	93	7		8		108	
9:00 am - 10:00 am	Towards Start Point	342	16		13	5	376	589
	Toward End Point	191	18		1	3	213	
10:00 am - 11:00 am	Towards Start Point	364	11	1	10		386	705
	Toward End Point	297	14	1	6	1	319	
11:00 am - 12:00 pm	Towards Start Point	327	12		10		349	635
	Toward End Point	273	9		4		286	
12:00 pm - 1:00 pm	Towards Start Point	240	16		11	1	268	573
	Toward End Point	267	21		16	1	305	
1:00 pm - 2:00 pm	Towards Start Point	180	10		8		198	477
	Toward End Point	245	13		19	2	279	
2:00 pm - 3:00 pm	Towards Start Point	242	13	1	10	2	268	570
	Toward End Point	281	8		12	1	302	
3:00 pm - 4:00 pm	Towards Start Point	285	8		21		314	580
	Toward End Point	244	8		13	1	266	
4:00 pm - 5:00 pm	Towards Start Point	245	5		7		257	509
	Toward End Point	235	9		8		252	
5:00 pm - 6:00 pm	Towards Start Point	233	7		4		244	498
	Toward End Point	239	7	1	4	3	254	
Total		5327	254	4	259	20	5864	5864

5327 254 4 259 20 5864 5864

12 hours traffic volume

Direction	Vehicle Classification					Sub-Total
	Ordinary Vehicles	Truck	Trailer	Bus	Others	
Towards Start Point	2,853	127	2	164	8	3,154
Toward End Point	2,474	127	2	95	12	2,710
Total	5,327	254	4	259	20	5,864

night-time rate

20 %

24 hours traffic volume

Direction	Vehicle Classification					Sub-Total	PCU/day
	Ordinary Vehicles	Truck	Trailer	Bus	Others		
Towards Start Point	3,566	159	3	205	10	3,943	4,856
Toward End Point	3,093	159	3	119	15	3,389	4,084
Total	6,659	318	6	324	25	7,332	8,940

PCU rate

	Ordinary Vehicles	Truck	Trailer	Bus	Others
Rate	1.00	3.50	3.50	3.50	0.50

【Appendix Road-3】

Pavement Condition Survey

Road Width and Standard Road Section

Item	No.1 9,160 m										No.2 10,710 m										No.3 8,840 m																	
	Type of Pavement					Condition					Type of Pavement					Condition					Type of Pavement					Condition												
	Asphalt/Con	Concrete	DBST	SBST	Gravel/Earth	Very Good(1)	Good(2)	Fair(3)	Bad(4)	Very Bad(5)	Asphalt/Con	Concrete	DBST	SBST	Gravel/Earth	Very Good(1)	Good(2)	Fair(3)	Bad(4)	Very Bad(5)	Asphalt/Con	Concrete	DBST	SBST	Gravel/Earth	Very Good(1)	Good(2)	Fair(3)	Bad(4)	Very Bad(5)								
0+000					1					1	1														1					1								
1+000	1										1														1					1								
2+000		1												1											1					1								
3+000		1												1											1					1								
4+000		1												1	1										1					1								
5+000		1												1	1										1					1								
6+000					1									1	1										1					1								
7+000					1									1	1										1					1								
8+000					1									1	1										1					1								
9+000					1									1	1										1					1								
10+000														1	1										1					1								
11+000														1	1										1					1								
Total	1	4	0	0	5	0	0	3	1	6	8	0	0	0	3	4	0	1	2	4	0	1	0	0	9	0	0	1	4	5								
× ()						0	0	9	4	30					4	0	3	8	20						0	0	3	16	25									
評価/m						4.3 Bad										3.2 Fair																		4.4 Bad				

Item	No.4 20,350 m										No.5 33,430 m										No.6 25,110 m											
	Type of Pavement					Condition					Type of Pavement					Condition					Type of Pavement					Condition						
	Asphalt/Con	Concrete	DBST	SBST	Gravel/Earth	Very Good(1)	Good(2)	Fair(3)	Bad(4)	Very Bad(5)	Asphalt/Con	Concrete	DBST	SBST	Gravel/Earth	Very Good(1)	Good(2)	Fair(3)	Bad(4)	Very Bad(5)	Asphalt/Con	Concrete	DBST	SBST	Gravel/Earth	Very Good(1)	Good(2)	Fair(3)	Bad(4)	Very Bad(5)		
0+000					1					1	1																					
1+000			1				1				1											1					1					
2+000			1				1				1											1					1					
3+000			1				1				1											1					1					
4+000					1					1	1											1					1					
5+000					1					1	1											1					1					
6+000					1					1	1											1					1					
7+000					1					1	1						1					1					1					
8+000					1					1	1											1					1					
9+000					1					1	1											1					1					
10+000					1					1	1											1					1					
11+000				1						1	1						1					1					1					
12+000				1						1	1											1					1					
13+000				1						1	1											1					1					
14+000				1						1	1			1								1					1					
15+000				1						1	1											1					1					
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17+000				1						1	1											1					1					
18+000				1						1	1											1					1					
19+000										1	1											1					1					
20+000										1	1											1					1					
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26+000										1	1											1					1					
27+000										1	1											1					1					
28+000										1	1											1					1					
29+000										1	1											1					1					
30+000										1	1											1					1					
31+000										1	1											1					1					
32+000										1	1											1					1					
33+000										1	1											1					1					
34+000										1	1											1					1					
35+000										1	1											1					1					
Total	0	0	3	8	8	0	5	4	5	5	34	0	0	0	1	14	15	6	0	0	24	2	0	0	0	20	5	1	0	0		
× ()						0	10	12	20	25					14	30	18	0	0			20				20	10	3	0	0		
評価/m						3.5 Bad										1.8 Good												1.3 Very Good				

Road Width and Standard Road Section

Item	No. 7										No.8										No.9										
	4,190 m										48,170 m										20,660 m										
	Type of Pavement					Condition					Type of Pavement					Condition					Type of Pavement					Condition					
Sta	Asphalt Con	Concrete	DBST	SBST	Gravel/Earth	Very Good(1)	Good(2)	Fair(3)	Bad(4)	Very Bad(5)	Asphalt Con	Concrete	DBST	SBST	Gravel/Earth	Very Good(1)	Good(2)	Fair(3)	Bad(4)	Very Bad(5)	Asphalt Con	Concrete	DBST	SBST	Gravel/Earth	Very Good(1)	Good(2)	Fair(3)	Bad(4)	Very Bad(5)	
0+000	1					1					1							1							1					1	
1+000	1						1	1			1							1				1								1	
2+000	1					1					1								1				1			1					
3+000	1					1					1								1			1				1					
4+000	1					1					1								1			1				1					
5+000	1					1					1								1			1				1					
6+000											1								1			1				1					
7+000											1								1			1				1					
8+000											1								1			1				1					
9+000											1								1			1				1					
10+000											1								1			1				1					
11+000											1								1			1				1					
12+000											1								1			1				1					
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14+000											1								1			1				1					
15+000											1								1			1				1					
16+000											1								1			1				1					
17+000											1								1			1				1					
18+000											1								1			1				1					
19+000											1								1			1				1					
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28+000														1					1			1				1					
29+000														1					1			1				1					
30+000														1					1			1				1					
31+000														1					1			1				1					
32+000														1					1			1				1					
33+000														1					1			1				1					
34+000														1					1			1				1					
35+000														1					1			1				1					
36+000											1								1			1				1					
37+000											1								1			1				1					
38+000											1								1			1				1					
39+000											1								1			1				1					
40+000											1								1			1				1					
41+000											1								1			1				1					
42+000											1								1			1				1					
43+000											1								1			1				1					
44+000											1								1			1				1					
45+000											1								1			1				1					
46+000											1								1			1				1					
47+000											1								1			1				1					
48+000											1								1			1				1					
Total	6	0	0	0	0	0	5	1	0	0	38	0	0	0	10	5	7	10	11	15	16	0	0	1	4	3	8	6	3	1	
× ()						0	10	3	0	0						5	14	30	44	75						3	16	18	12	5	
評価/m							2.2										3.5										2.6				
							Good										Bad										Fair				

Road Width and Standard Road Section

Item	No.10										No.11										No.12													
	4,210 m										4,840 m										6,040 m													
	Type of Pavement					Condition					Type of Pavement					Condition					Type of Pavement					Condition								
Sta	Asphalt Con	Concrete	DBST	SBST	Gravel/Earth	Very Good(1)	Good(2)	Fair(3)	Bad(4)	Very Bad(5)	Asphalt Con	Concrete	DBST	SBST	Gravel/Earth	Very Good(1)	Good(2)	Fair(3)	Bad(4)	Very Bad(5)	Asphalt Con	Concrete	DBST	SBST	Gravel/Earth	Very Good(1)	Good(2)	Fair(3)	Bad(4)	Very Bad(5)				
0+000	1							1			1					1					1								1					
1+000		1					1				1					1					1						1							
2+000	1						1				1					1					1						1							
3+000		1						1			1					1					1						1							
4+000					1				1		1					1					1									1				
5+000											1					1								1						1				
6+000																					1									1				
7+000																																		
Total	2	2	0	0	1	0	2	2	1	0	6	0	0	0	0	3	3	0	0	0	6	0	0	0	1	0	1	3	0	3				
× ()						0	4	6	4	0						3	6	0	0	0						0	2	9	0	15				
評価/m						2.8										1.5																		
						Fair										Good											Bad							

Item	No.13										
	21,360 m										
	Type of Pavement					Condition					
Sta	Asphalt Con	Concrete	DBST	SBST	Gravel/Earth	Very Good(1)	Good(2)	Fair(3)	Bad(4)	Very Bad(5)	
0+000					1	1					
1+000	1					1					
2+000	1					1					
3+000	1					1					
4+000	1					1					
5+000	1					1					
6+000	1					1					
7+000	1					1					
8+000	1					1					
9+000	1					1					
10+000	1						1				
11+000	1						1				
12+000	1					1					
13+000	1					1					
14+000	1					1					
15+000	1					1					
16+000	1					1					
17+000	1						1				
18+000	1					1					
19+000	1					1					
20+000	1						1				
21+000	1					1					
22+000											
Total	21	0	0	0	1	14	8	0	0	0	
× ()						14	16	0	0	0	
評価/m						1.4					
						Very Good					

【Appendix Road-4】

Road Inventory Survey

Road Inventory No.1

No	Item	Station		Type	Location	Size		L (m)	Condition
		Start	End			(m)	type		
1	Side Ditch	0+040	0+400	Concrete	Left Side	0.4, 0.3	Width, Depth	360.0	Good
2	Culvert	0+086	0+086	Pipe Culvert	Center	0.3	Diameter	5.4	Good
3	Culvert	0+129	0+129	Pipe Culvert	Center	0.5	Diameter	5.2	Good
4	Culvert	0+159	0+159	Pipe Culvert	Center	0.3	Diameter	6.1	Good
5	Culvert	0+221	0+221	Pipe Culvert	Center	0.4	Diameter	6.0	Good
6	Slope Protection	0+276	0+297	Stone Masonry	Left Side	7.0	Height	21.0	Good
7	Slope Protection	0+317	0+344	Stone Masonry	Left Side	6.0	Height	26.5	Good
8	Slope Protection	0+400	0+437	Stone Masonry	Left Side	5.0	Height	37.0	Good
9	Slope Protection	0+400	0+625	Stone Masonry	Right Side	0.6, 0.4	Width, Depth	225.0	Good
10	Slope Protection	0+457	0+465	Stone Masonry	Left Side	2.9	Height	8.0	Good
11	Slope Protection	0+483	0+501	Stone Masonry	Left Side	2.7	Height	18.1	Good
12	Slope Protection	0+512	0+516	Stone Masonry	Left Side	3.9	Height	4.4	Good
13	Slope Protection	0+600	0+626	Stone Masonry	Left Side	0.6	Height	26.0	Good
14	Slope Protection	0+700	0+716	Stone Masonry	Left Side	2.3	Height	16.4	Good
15	Slope Protection	0+950	0+965	Stone Masonry	Left Side	2.2	Height	15.4	Good
16	Slope Protection	0+973	1+000	Stone Masonry	Left Side	3.2	Height	27.5	Good
17	Slope Protection	1+051	1+100	Stone Masonry	Left Side	2.3	Height	49.0	Good
18	Side Ditch	1+100	1+200	Concrete	Right Side	8.0, 8.0	Width, Depth	100.0	Good
19	Slope Protection	1+400	1+471	Stone Masonry	Right Side	2.2	Height	71.0	Good
20	Slope Protection	1+650	1+700	Stone Masonry	Left Side	4.0	Height	50.0	Good
21	Side Ditch	1+704	1+780	Concrete	Left Side	0.5, 0.4	Width, Depth	76.0	Good
22	Slope Protection	1+925	1+937	Stone Masonry	Right Side	0.9	Height	12.0	Good
23	Slope Protection	1+947	2+000	Stone Masonry	Right Side	6.0	Height	53.0	Good
24	Slope Protection	1+960	2+000	Stone Masonry	Left Side	1.3	Height	40.0	Good
25	Slope Protection	2+076	2+092	Stone Masonry	Left Side	1.8	Height	16.2	Good
26	Slope Protection	2+100	2+116	Stone Masonry	Right Side	3.0	Height	16.0	Good
27	Slope Protection	2+500	2+600	Stone Masonry	Left Side	3.0	Height	100.0	Good
28	Slope Protection	2+648	2+700	Stone Masonry	Left Side	6.0	Height	52.0	Good
29	Slope Protection	3+059	3+076	Stone Masonry	Right Side	2.0	Height	17.0	Good
30	Slope Protection	3+086	3+100	Stone Masonry	Right Side	3.9	Height	14.0	Good
31	Slope Protection	3+400	5+425	Stone Masonry	Right Side	3.3	Height	2025.0	Good
32	Slope Protection	3+566	3+591	Stone Masonry	Right Side	4.3	Height	25.0	Good
33	Slope Protection	3+591	3+609	Stone Masonry	Left Side	3.0	Height	17.5	Good
34	Slope Protection	4+362	4+380	Stone Masonry	Right Side	3.0	Height	18.0	Good
35	Slope Protection	5+181	5+236	Stone Masonry	Right Side	4.0	Height	55.0	Good
36	Slope Protection	5+550	5+570	Stone Masonry	Left Side	10.0	Height	19.7	Good
37	Slope Protection	5+650	5+670	Stone Masonry	Right Side	3.0	Height	20.0	Good
38	Slope Protection	5+700	5+710	Stone Masonry	Left Side	2.9	Height	9.6	Good

Summary

Item/ Type	Sum	Unit
Slope Protection/ Stone Masonry	105.7	m
Culvert/ Pipe Culvert	4	location
Side Ditch	3	location

Road Inventory No.2

No	Item	Station		Type	Location	Size		L (m)	Condition
		Start	End			(m)	type		
1	Slope Protection	0+992	1+010	Stone Masonry	Right Side	3.0	Height	18.0	Good
2	Culvert	1+002	1+002	Stone Masonry (RCC Slab)	Center	2.1, 2.1	Depth, Width	3.5	Good
3	Slope Protection	1+351	1+387	Stone Masonry	Right Side	3.5	Height	32.0	Good
4	Culvert	1+376	1+376	Stone Masonry	Center	3.0, 3.0	Depth, Width	4.3	Good
5	Slope Protection	1+535	1+559	Stone Masonry	Right Side	3.0	Height	15.0	Good
6	Slope Protection	1+681	1+700	Stone Masonry	Right Side	1.3	Height	19.0	Good
7	Slope Protection	1+681	1+700	Stone Masonry	Left Side	3.3	Height	19.0	Good
8	Slope Protection	2+272	2+300	Stone Masonry	Right Side	4.5	Height	30.0	Good

9	Culvert	2+300	2+300	Stone Masonry	Center	3.8, 4.4	Depth, Width	11.8	Good
10	Slope Protection	2+295	2+330	Stone Masonry	Left Side	2.4	Height	35.0	Good
11	Culvert	2+700	2+700	Stone Masonry (RCC Slab)	Center	1.2, 2.4	Depth, Width	3.5	Good
12	Slope Protection	2+700	2+716	Stone Masonry	Left Side	2.1	Height	15.6	Good
13	Culvert	2+950	2+950	RCC (Pipe Culvert)	Center	0.7	Diameter	7.2	Good
14	Slope Protection	2+981	3+015	Stone Masonry	Left Side	2.8	Height	33.5	Good
15	Culvert	3+300	3+300	Pipe Culvert (RCC)	Center	0.7	Diameter	9.2	Good
16	Culvert	4+120	4+120	Stone Masonry (RCC Slab)	Center	2.3, 2.1	Depth, Width	9.8	Good
17	Culvert	4+300	4+300	Stone Masonry (RCC Slab)	Center	1.1	Width	10.2	Good
18	Culvert	4+650	4+650	Stone Masonry (RCC Slab)	Center	1.0, 1.0	Depth, Width	8.4	Good (Harf Chocked)
19	Culvert	5+150	5+150	Stone Masonry (RCC Slab)	Center	1.0, 1.0	Depth, Width	10.4	Good
20	Culvert	5+300	5+300	Stone Masonry (RCC Slab)	Center	1.7, 1.2	Depth, Width	10.4	Good
21	Culvert	7+200	7+200	Stone Masonry (RCC Slab)	Center	2.0, 2.8	Depth, Width	10.3	Good
22	Side Ditch	8+763	8+782	Stone Masonry	Right Side	4.7	Height	18.7	Good
23	Culvert	8+957	8+957	Stone Masonry (Arch Slab)	Center	-	-	6.8	Good
24	Slope Protection	8+936	8+957	Stone Masonry	Right Side	2.7	Height	21.0	Good
25	Slope Protection	9+428	9+450	Stone Masonry	Right Side	4.0	Height	21.7	Good
26	Culvert	9+700	9+700	Stone Masonry (Arch Slab)	Center	1.0	Height	4.3	Good

Summary

Item/ Type	Sum	Unit
Slope Protection/ Stone Masonry	259.8	m
Culvert/ Stone Masonry	9	location
Culvert/ Pipe Culvert	3	location
Side Ditch	1	location

Road Inventory No.3

No	Item	Station		Type	Location	Size		L (m)	Condition
		Start	End			(m)	type		
1	Culvert	1+792	1+792	RCC(Pipe Culvert)	Center	0.7	Diameter	6.8	Good
2	Slope Protection	2+673	2+700	Stone Masonry	Left Side	1.2	Height	27.0	Good
3	Slope Protection	3+631	3+650	Stone Masonry	Right Side	2.9	Height	19.0	Good

Summary

Item/ Type	Sum	Unit
Slope Protection/ Stone Masonry	46.0	m
Culvert/ RCC(Pipe Culvert)	1.0	location

Road Inventory No.4

No	Item	Station		Type	Location	Size		L (m)	Condition
		Start	End			(m)	type		
1	Slope Protection	0+562	0+592	Stone Masonry	Right Side	4.0	Height	30.0	Good
2	Culvert	0+784	0+784	RCC Slab(Stone Masonry Walls)	Center	1.0, 2.0	Width, Depth	8.5	Good
3	Slope Protection	1+500	1+511	Stone Masonry	Left Side	2.7	Height	10.5	Good
4	Slope Protection	1+700	1+760	Stone Masonry	Left Side	3.0	Height	60.0	Good
5	Slope Protection	1+800	1+900	Stone Masonry	Right Side	5.0	Height	100.0	Good
6	Culvert	1+974	1+974	RCC Slab(Stone Masonry Walls)	Center	1.0, 1.0	Width, Depth	6.8	Fair
7	Slope Protection	2+064	2+078	Stone Masonry	Right Side	3.0	Height	14.0	Good
8	Slope Protection	2+225	2+290	Stone Masonry	Right Side	3.0	Height	65.0	Good
9	Slope Protection	2+470	2+492	Stone Masonry	Right Side	3.0	Height	22.0	Good

10	Culvert	2+482	2+482	RCC Slab(Stone Masonry Walls)	Center	1.0, 2.0	Width, Depth	8.0	Good(Chocked from Left Side)
11	Slope Protection	2+676	2+700	Stone Masonry	Right Side	3.0	Height	24.0	Fair
12	Culvert	2+688	2+688	RCC Slab(Stone Masonry Walls)	Center	1.2, 1.5	Width, Depth	9.2	Good
13	Slope Protection	2+732	2+761	Stone Masonry	Right Side	2.1	Height	29.0	Good
14	Culvert	2+740	2+740	RCC Slab(Stone Masonry Walls)	Center	1.0, 1.0	Width, Depth	8.4	Good
15	Slope Protection	2+780	2+825	Stone Masonry	Right Side	6.0	Height	45.0	Good
16	Slope Protection	2+960	2+995	Stone Masonry	Right Side	4.0	Height	35.0	Good
17	Slope Protection	3+000	3+030	Stone Masonry	Left Side	5.0	Height	30.0	Good
18	Slope Protection	8+650	8+655	Stone Masonry	Right Side	3.0	Height	5.0	Good
19	Slope Protection	8+670	8+673	Stone Masonry	Right Side	4.0	Height	3.0	Good
20	Culvert	8+782	8+782	RCC Slab(Stone Masonry Walls)	Center	1.0, 4.4	Width, Depth	5.0	Good
21	Slope Protection	8+776	8+792	Stone Masonry	Both Side	4.4	Height	16.0	Good
22	Slope Protection	10+682	10+700	Stone Masonry	Right Side	2.0	Height	18.0	Good
23	Slope Protection	10+716	10+750	Stone Masonry	Right Side	3.0	Height	34.0	Broken
24	Slope Protection	10+772	10+800	Stone Masonry	Right Side	2.5	Height	28.0	Broken
25	Slope Protection	11+175	11+200	Stone Masonry	Right Side	2.0	Height	25.0	Good
26	Slope Protection	11+415	11+430	Stone Masonry	Right Side	2.3	Height	15.0	Good
27	Slope Protection	11+754	11+778	Stone Masonry	Right Side	2.0	Height	24.0	Good
28	Slope Protection	11+792	11+800	Stone Masonry	Right Side	2.6	Height	8.0	Good
29	Slope Protection	11+948	11+961	Stone Masonry	Right Side	1.8	Height	13.0	Good
30	Slope Protection	12+074	12+100	Stone Masonry	Right Side	2.0	Height	26.0	Good
31	Culvert	12+087	12+087	RCC Pipe Culvert	Center	0.9	Diameter	8.5	Bad
32	Culvert	13+400	13+400	RCC Slab(Stone Masonry Walls)	Center	2.0, 2.0	Width, Depth	7.6	Good
33	Slope Protection	13+768	13+858	Stone Masonry	Right Side	2.6	Height	90.0	Good
34	Culvert	14+075	14+075	RCC Slab(Stone Masonry Walls)	Center	1.5, 2.0	Width, Depth	8.8	Good
35	Bridge	14+200	14+200	RCC Slab(Stone Masonry Walls)	Center	4.0	Height	9.0	Good(Cracked a bit)
36	Slope Protection	14+185	14+200	Stone Masonry	Both Side	1.5	Height	15.0	Good
37	Culvert	14+484	14+484	RCC Slab(Stone Masonry Walls)	Center	1.2, 1.2	Width, Depth	8.0	Good
38	Slope Protection	14+900	14+920	Stone Masonry	Both Side	3.2	Height	20.0	Good
39	Slope Protection	15+188	15+300	Stone Masonry	Right Side	5.0	Height	112.0	Good
40	Slope Protection	15+374	15+414	Stone Masonry	Right Side	2.0	Height	40.0	Good
41	Slope Protection	15+455	15+492	Stone Masonry	Right Side	5.0	Height	37.0	Fair
42	Slope Protection	15+600	15+690	Stone Masonry	Right Side	5.0	Height	90.0	Fair
43	Slope Protection	15+800	15+810	Stone Masonry	Right Side	3.0	Height	10.0	Good
44	Slope Protection	15+900	16+035	Stone Masonry	Right Side	3.5	Height	135.0	Fair to Bad
45	Slope Protection	16+100	16+161	Stone Masonry	Right Side	3.5	Height	61.0	Good
46	Slope Protection	16+300	17+300	Stone Masonry	Right Side	3.5	Height	1000.0	Fair to Good
47	Culvert	16+428	16+428	RCC Slab(Stone Masonry Walls)	Center	1.0, 1.2	Width, Depth	8.0	Good
48	Culvert	16+619	16+619	RCC Slab(Stone Masonry Walls)	Center	1.2, 1.5	Width, Depth	7.9	Good
49	Culvert	16+885	16+885	RCC Slab(Stone Masonry Walls)	Center	1.2, 0.9	Width, Depth	8.3	Good
50	Culvert	17+090	17+090	RCC Slab(Stone Masonry Walls)	Center	1.0, 1.5	Width, Depth	8.1	Good
51	Slope Protection	17+146	17+158	Stone Masonry	Right Side	2.0	Height	12.0	Good
52	Culvert	17+158	17+158	RCC Slab(Stone Masonry Walls)	Center	2.5, 1.5	Width, Depth	11.0	Good
53	Slope Protection	17+220	17+255	Stone Masonry	Right Side	2.0	Height	35.0	Fair
54	Slope Protection	17+378	17+388	Stone Masonry	Right Side	0.5	Height	10.0	Good
55	Causeway	17+422	17+422	Concrete(Stone Masonry Wall)	Center	5.2	Height	9.0	Good
56	Slope Protection	17+578	17+585	Stone Masonry	Right Side	2.0	Height	7.0	Good
57	Slope Protection	17+615	17+640	Stone Masonry	Right Side	1.5	Height	25.0	Good
58	Slope Protection	17+730	17+768	Stone Masonry	Right Side	3.8	Height	38.0	Good
59	Culvert	17+730	17+730	RCC Pipe Culvert	Center	0.6	Diameter	6.4	Fair
60	Culvert	17+755	17+755	RCC Pipe Culvert	Center	0.6	Diameter	7.0	Good

61	Culvert	17+768	17+768	RCC Slab(Stone Masonry Walls)	Center	1.2, 0.9	Width, Depth	7.3	Good
62	Slope Protection	17+911	17+939	Stone Masonry	Right Side	1.0	Height	28.0	Fair
63	Slope Protection	17+979	17+998	Stone Masonry	Right Side	1.0	Height	19.0	Fair
64	Slope Protection	18+024	18+030	Stone Masonry	Right Side	2.0	Height	6.0	Good
65	Slope Protection	18+046	18+087	Stone Masonry	Right Side	2.0	Height	41.0	Good
66	Slope Protection	18+114	18+123	Stone Masonry	Right Side	4.0	Height	9.0	Good
67	Slope Protection	18+200	18+219	Stone Masonry	Right Side	3.8	Height	19.0	Good
68	Slope Protection	18+370	18+380	Stone Masonry	Right Side	2.0	Height	990.0	Good
69	Slope Protection	18+400	18+451	Stone Masonry	Right Side	1.4	Height	51.0	Good
70	Slope Protection	18+500	18+504	Stone Masonry	Right Side	1.5	Height	4.0	Good
71	Slope Protection	18+577	18+595	Stone Masonry	Right Side	2.5	Height	18.0	Good
72	Culvert	18+655	18+655	RCC Pipe Culvert	Center	1.0	Diameter	8.0	Good
73	Side Ditch	18+755	18+800	Concrete	Right Side	0.9, 0.6	Width, Depth	45.0	Good

Summary

Item/ Type	Sum	Unit
Slope Protection/ Stone Masonry	10255.5	m
Culvert/ RCC Slab	16	location
Culvert/ RCC Pipe Culvert	4	location
Side Ditch	1	location
Causeway/ Concrete	1	location

Road Inventory No.5

No	Item	Station		Type	Location	Size		L (m)	Condition
		Start	End			(m)	type		
1	Slope Protection	0+360	0+620	Stone Masonry	Right Side	3.0	Height	260.0	Good
2	Culvert	0+410	0+410	RCC Pipe Culvert	Center	0.4	Diameter	9.0	Bad
3	Culvert	0+623	0+623	RCC Pipe Culvert	Center	0.6	Diameter	3.7	Fair
4	Culvert	0+624	0+624	RCC Slab	Center	1.4	Diameter	3.7	Good
5	Culvert	1+650	1+650	RCC Slab	Center	2.3	Diameter	9.9	Good
6	Slope Protection	1+632	1+719	Stone Masonry	Left Side	3.0	Height	87.0	Good
7	Slope Protection	2+362	2+537	Stone Masonry	Left Side	2.2	Height	175.0	Good
8	Bridge	2+448	2+448	RCC Circular Arch Bridge	Center	4.7	Diameter	8.1	Good
9	Slope Protection	2+407	2+485	Stone Masonry	Right Side	3.2	Height	78.0	Good
10	Side Ditch	3+756	4+367	Concrete	Right Side	0.6	Diameter	611.0	Good
11	Culvert	4+565	4+565	RCC Slab	Center	0.9	Diameter	10.0	Good
12	Causeway	5+020	5+020	Concrete	Center	9.5	Width	22.0	Good
13	Side Ditch	5+020	5+448	Concrete	Left Side	0.7	Diameter	428.0	Good
14	Side Ditch	5+080	5+631	Concrete	Right Side	0.7	Depth	551.0	Good
15	Culvert	5+310	5+310	RCC Slab	Center	1.2, 0.8	Width, Depth	11.2	Good
16	Side Ditch	5+685	6+142	Concrete	Right Side	0.7, 0.7	Width, Depth	484.0	Good
17	Culvert	5+668	5+668	RCC Slab	Center	1.0, 0.8	Width, Depth	12.0	Good
18	Side Ditch	5+668	6+142	Concrete	Left Side	0.7, 0.7	Width, Depth	474.0	Good
19	Culvert	6+142	6+142	RCC Slab	Center	3.2	Width	8.2	Good
20	Culvert	6+300	6+300	RCC Slab	Center	1.3	Width	1.3	Good
21	Slope Protection	6+516	6+548	Stone Masonry	Right Side	3.0	Height	32.0	Good
22	Slope Protection	6+600	6+651	Stone Masonry	Right Side	1.6	Height	51.0	Good
23	Slope Protection	6+623	6+774	Stone Masonry	Left Side	2.5	Height	51.0	Good
24	Bridge	6+710	6+710	RCC Beam and Slab	Center	7.2	Width	10.5	Good
25	Slope Protection	6+708	6+760	Stone Masonry	Right Side	3.0	Height	52.0	Good
26	Culvert	7+700	7+700	RCC Slab	Center	4.2, 2.1	Width, Depth	10.4	Good
27	Culvert	8+085	8+085	RCC Slab	Center	1.4, 1.5	Width, Depth	10.8	Good
28	Slope Protection	8+095	8+154	Stone Masonry	Right Side	5.3	Height	59.0	Good
29	Culvert	8+610	8+610	RCC Slab	Center	4.0	Width	12.0	Good
30	Slope Protection	8+650	8+800	Stone Masonry	Right Side	2.0	Height	230.0	Good
31	Culvert	9+008	9+008	RCC Slab	Center	1.3, 1.0	Width, Depth	12.0	Good
32	Culvert	9+400	9+400	RCC Slab	Center	1.2	Width	10.4	Good
33	Side Ditch	9+400	9+532	Concrete	Left Side	0.61, 0.4	Width, Depth	123.0	Good
34	Culvert	9+523	9+523	RCC Slab	Center	1.2	Width	11.0	Good
35	Culvert	10+305	10+305	RCC Slab	Center	1.2, 0.3	Width, Depth	10.3	Good

36	Culvert	10+820	10+820	RCC Slab	Center	1.5	Width	12.0	Good
37	Culvert	11+075	11+075	RCC Slab	Center	1.5	Width	12.0	Good
38	Culvert	11+286	11+286	RCC Slab	Center	1.5, 1.2	Width, Depth	11.0	Good
39	Culvert	11+673	11+673	RCC Slab	Center	1.2, 0.8	Width, Depth	10.0	Good
40	Culvert	11+873	11+873	RCC Slab	Center	3.2, 1.2	Width, Depth	12.7	Good
41	Slope Protection	11+876	11+928	Stone Masonry	Right Side	1.3	Height	52.0	Fair
42	Culvert	12+100	12+100	RCC Slab	Center	1.5, 1.0	Width, Depth	10.0	Good
43	Culvert	12+353	12+353	RCC Slab	Center	1.2, 1.0	Width, Depth	10.0	Good
44	Culvert	12+411	12+411	RCC Slab	Center	1.5	Width	10.0	Good
45	Culvert	12+600	12+600	RCC Slab	Center	1.2, 0.9	Width, Depth	10.0	Good
46	Culvert	12+818	12+818	RCC Slab	Center	1.5, 1.0	Width, Depth	10.0	Good
47	Culvert	13+080	13+080	RCC Slab	Center	1.5, 1.0	Width, Depth	10.0	Good
48	Culvert	13+266	13+266	RCC Slab	Center	1.5, 1.0	Width, Depth	10.0	Good
49	Side Ditch	13+266	14+409	Concrete	Left Side	0.7, 0.7	Width, Depth	1143.0	Good
50	Side Ditch	13+500	14+384	Concrete	Right Side	0.62, 0.6	Width, Depth	884.0	Good
51	Bridge	14+409	14+409	RCC Beam	Center	7.7, 2.5	Width, Depth	32.0	Good
52	Slope Protection	14+440	14+464	Concrete	Both Side	2.6	Height	24.0	Good
53	Slope Protection	14+440	14+500	Concrete	Right Side	1.0, 1.0	Width, Depth	60.0	Good
54	Side Ditch	14+440	14+583	Concrete	Left Side	1.0, 1.0	Width, Depth	143.0	Good
55	Culvert	14+800	14+800	RCC Slab	Center	1.5, 1.2	Width, Depth	10.1	Good
56	Side Ditch	14+800	14+900	Concrete	Left Side	1.0, 1.0	Width, Depth	100.0	Good
57	Slope Protection	14+900	15+022	Stone Masonry	Left Side	2.0	Height	122.0	Good
58	Culvert	15+000	15+000	RCC Slab	Center	1.3, 1.0	Width, Depth	10.0	Good
59	Culvert	15+242	15+242	RCC Slab	Center	1.2, 1.0	Width, Depth	10.0	Good
60	Culvert	15+295	15+295	RCC Pipe Culvert	Center	0.5	Diameter	10.5	Good
61	Culvert	15+370	15+370	RCC Slab	Center	1.3, 1.0	Width, Depth	10.6	Good
62	Culvert	15+564	15+564	RCC Slab	Center	1.3, 0.9	Width, Depth	10.2	Good
63	Side Ditch	15+784	15+990	Concrete	Right Side	0.6, 0.6	Width, Depth	206.0	Good
64	Side Ditch	15+840	16+076	Concrete	Left Side	0.7, 0.7	Width, Depth	236.0	Good
65	Culvert	16+050	16+050	RCC Slab	Center	1.6, 1.0	Width, Depth	10.0	Good
66	Bridge	16+400	16+400	Pre Stressed Girder	Center	-	-	40.0	Under Construction
67	Culvert	16+415	16+415	RCC Pipe Culvert	Center	0.6	Diameter	7.2	Good
68	Side Ditch	16+910	17+210	Stone Masonry	Left Side	1.0, 0.8	Width, Depth	300.0	Good
69	Slope Protection	17+163	17+290	Stone Masonry	Right Side	1.5	Height	127.0	Good
70	Culvert	17+210	17+210	RCC Slab	Center	1.4, 1.5	Width, Depth	10.8	Good
71	Culvert	17+600	17+600	RCC Slab	Center	1.5, 1.0	Width, Depth	10.3	Good
72	Culvert	17+626	17+626	RCC Slab	Center	1.2, 1.1	Width, Depth	11.0	Good
73	Culvert	17+852	17+852	RCC Slab	Center	1.3, 1.1	Width, Depth	10.2	Good
74	Slope Protection	18+000	19+120	Stone Masonry	Right Side	2.2	Height	1120.0	Good
75	Culvert	18+045	18+045	RCC Slab	Center	3.5, 2.0	Width, Depth	10.2	Good
76	Slope Protection	18+025	18+055	Stone Masonry	Left Side	2.5	Height	30.0	Good
77	Culvert	18+410	18+410	RCC Slab	Center	1.5, 1.0	Width, Depth	10.2	Good
78	Culvert	18+513	18+513	RCC Slab	Center	1.5, 1.0	Width, Depth	10.1	Good
79	Side Ditch	18+513	18+700	Concrete	Left Side	0.7, 0.7	Width, Depth	187.0	Good
80	Culvert	18+970	18+970	RCC Slab	Center	1.4, 1.1	Width, Depth	11.5	Good
81	Side Ditch	19+200	20+156	Concrete	Left Side	0.7, 0.7	Width, Depth	956.0	Good
82	Culvert	19+950	19+950	RCC Slab	Center	1.2, 1.0	Width, Depth	13.0	Good
83	Side Ditch	19+879	20+169	Concrete	Right Side	0.7, 0.7	Width, Depth	290.0	Good
84	Slope Protection	20+150	20+300	Stone Masonry	-	-	-	150.0	Under Construction
85	Bridge	20+300	20+300	Pre Stressed Girder	Center	3.6, 4.4	Width, Depth	45.0	Under Construction
86	Side Ditch	20+550	20+683	Concrete	Right Side	0.7, 0.6	Width, Depth	133.0	Good
87	Culvert	20+855	20+855	RCC Slab	Center	1.0	Width	11.2	Good
88	Culvert	21+100	21+100	RCC Slab	Center	0.8, 1.5	Width, Depth	11.6	Good
89	Slope Protection	21+379	21+478	Stone Masonry	Left Side	3.0	Height	99.0	Good
90	Culvert	21+426	21+426	RCC Slab	Center	1.3, 1.0	Width, Depth	11.6	Good
91	Side Ditch	21+426	21+808	Concrete	Right Side	0.9, 0.5	Width, Depth	418.0	Good
92	Culvert	21+808	21+808	RCC Slab	Center	0.8, 0.6	Width, Depth	10.3	Good
93	Side Ditch	21+985	22+875	RCC Slab	Left Side	0.7, 0.6	Width, Depth	890.0	Good
94	Slope Protection	22+200	22+260	Stone Masonry	Left Side	7.4	Height	50.0	Good
95	Culvert	22+260	22+260	RCC Slab	Center	1.3, 0.8	Width, Depth	11.8	Good
96	Slope Protection	22+326	22+400	Stone Masonry	Left Side	4.1	Height	74.0	Good
97	Slope Protection	22+400	22+579	Stone Masonry	Right Side	2.0	Height	179.0	Good
98	Culvert	22+585	22+585	RCC Slab	Center	1.0, 1.0	Width, Depth	10.5	Good
99	Slope Protecting	22+609	22+700	Concrete	Right Side	2.5	Height	91.0	Good

100	Slope Protection	22+860	22+944	Concrete 50m + Stone Masonry 34m	Right Side	1.6	Height	84.0	Concrete Good, Stone masonry Fair
101	Culvert	22+875	22+875	RCC Slab	Center	1.1, 0.9	Width, Depth	10.3	Good
102	Culvert	23+000	23+000	RCC Slab	Center	5.4, 3.6	Width, Depth	10.2	Good
103	Side Ditch	23+010	23+272	Concrete	Left Side	0.7, 0.6	Width, Depth	262.0	Good
104	Side Ditch	23+010	23+269	Concrete	Right Side	0.7, 0.7	Width, Depth	159.0	Good
105	Slope Protection	23+300	23+334	Concrete	Left Side	1.0	Height	34.0	Good
106	Slope Protection	23+344	23+388	Stone Masonry	Left Side	2.3	Height	44.0	Good
107	Slope Protection	23+466	23+486	Concrete	Left Side	3.5	Height	20.0	Good
108	Side Ditch	23+446	23+660	Concrete	Right Side	0.7, 0.6	Width, Depth	214.0	Good
109	Culvert	23+500	23+500	RCC Slab	Center	1.2	Width	10.2	Good
110	Slope Protection	23+500	23+523	Stone Masonry	Right Side	3.0	Height	23.0	Good
111	Culvert	23+660	23+660	RCC Slab	Right Side	1.5, 1.0	Width, Depth	8.9	Good
112	Side Ditch	23+752	24+300	Concrete	Right Side	0.7, 0.7	Width, Depth	548.0	Good
113	Slope Protection	23+751	23+770	Stone Masonry	Right Side	2.0	Height	19.0	Good
114	Culvert	23+871	23+871	RCC Slab	Center	3.0, 1.5	Width, Depth	11.8	Good, Half chocked with garbage
115	Side Ditch	24+064	24+200	Concrete	Left Side	0.9, 1.1	Width, Depth	136.0	Good
116	Culvert	24+200	24+200	RCC Slab	Center	1.4, 1.5	Width, Depth	9.6	Good
117	Slope Protection	24+400	24+492	Stone Masonry	Left Side	2.5	Height	92.0	Good
118	Side Ditch	24+418	24+442	Concrete	Right Side	0.7, 0.2	Width, Depth	24.0	Good
119	Culvert	24+442	24+442	RCC Pipe Culvert	Center	0.5	Diameter	13.0	Good, A bit broken at one end
120	Slope Protection	24+650	24+700	Stone Masonry	Left Side	2.5	Height	50.0	Good
121	Slope Protection	24+820	24+872	Stone Masonry	Left Side	3.2	Height	52.0	Good
122	Culvert	25+075	25+075	RCC Slab	Center	1.3, 1.0	Width, Depth	9.2	Good, But almost cracked
123	Slope Protection	25+150	25+197	Stone Masonry	Right Side	2.0	Height	2.0	Good
124	Slope Protection	25+255	25+415	Stone Masonry	Right Side	3.2	Height	3.2	Good
125	Slope Protection	25+450	25+600	Stone Masonry	Right Side	4.5	Height	150.0	Good
126	Side Ditch	25+539	28+615	Concrete	Left Side	0.7, 1.0	Width, Depth	3076.0	Good
127	Culvert	25+600	25+600	RCC Slab	Center	1.0	Width	10.6	Fair
128	Culvert	25+900	25+900	RCC Slab	Center	1.0, 1.0	Width, Depth	10.7	Good
129	Side Ditch	25+761	28+515	Right Side	Right Side	0.7, 0.6	Width, Depth	2754.0	Good
130	Culvert	26+890	26+890	RCC Slab	Center	2.5	Width	16.0	Good
131	Culvert	27+100	27+100	RCC Slab	Center	2.5, 1.5	Width	19.0	Good
132	Slope Protection	28+535	28+722	Stone Masonry	Right Side	6.0	Height	187.0	Good
133	Slope Protection	28+592	28+752	Stone Masonry	Left Side	6.0	Height	160.0	Good
134	Bridge	28+615	28+615	Pre Stressed Girder	Center	2.4, 8.4	Width, Depth	50.0	Good
135	Slope Protection	28+790	28+910	Stone Masonry	Right Side	2.0	Height	100.0	Good
136	Culvert	28+822	28+822	RCC Slab	Center	4.5, 3.0	Width, Depth	9.6	Good
137	Side Ditch	28+826	29+120	Concrete	Right Side	1.0, 1.0	Width, Depth	294.0	Good
138	Side Ditch	29+000	29+120	Concrete	Left Side	0.45, 1.0	Width, Depth	120.0	Good
139	Culvert	29+120	29+120	RCC Culvert	Center	1.0, 1.0	Width, Depth	9.6	Good
140	Slope Protection	29+170	29+232	Stone Masonry	Right Side	0.6	Height	62.0	Good
141	Culvert	29+318	29+318	RCC Slab	Center	1.1, 1.1	Width, Depth	9.2	Good
142	Slope Protection	29+308	29+376	Stone Masonry	Right Side	1.3	Height	68.0	Good
143	Side Ditch	29+355	31+200	Concrete	Left Side	0.7, 0.7	Width, Depth	1845.0	From 30+500 onward is under construction
144	Side Ditch	29+392	29+600	Concrete	Right Side	0.7, 0.7	Width, Depth	208.0	Good
145	Side Ditch	29+950	31+300	Concrete	Right Side	1.5, 1.8	Width, Depth	120.0	Good
146	Culvert	29+970	29+970	RCC Slab	Center	1.1, 1.2	Width, Depth	10.4	Good
147	Slope Protection	30+184	30+270	Stone Masonry	Both Side	1.4	Height	86.0	Good
148	Culvert	30+216	30+216	RCC Slab	Center	4.7, 4.5	Width, Depth	9.8	Good
149	Culvert	30+600	30+600	RCC Slab	Center	1.2, 0.6	Width, Depth	9.1	Good
150	Slope Protection	31+285	31+320	Stone Masonry	Both Side	2.5	Height	35.0	Good
151	Bridge	31+320	31+320	Pre Stressed Girder	Center	8.3, 8.4	Width, Depth	40.0	Under Construction
152	Culvert	31+375	31+375	RCC Pipe Culvert	Center	7.3	Diameter	7.3	Good
153	Slope Protection	31+524	31+700	Stone Masonry	Right Side	1.3	Height	1.3	Good
154	Side Ditch	31+360	31+538	Concrete	Left Side	1.0, 0.7	Width, Depth	178.0	Good
155	Slope Protection	31+562	31+600	Stone Masonry	Left Side	1.5	Height	38.0	Good
156	Culvert	31+712	31+712	RCC Slab	Center	1.1, 1.0	Width, Depth	10.0	Good
157	Side Ditch	31+700	31+785	Concrete	Right Side	0.6, 0.5	Width, Depth	85.0	Good
158	Culvert	31+881	31+881	RCC Slab	Center	1.0, 1.0	Width, Depth	9.8	Good
159	Side Ditch	31+881	32+157	Concrete	Right Side	0.7, 1.0	Width, Depth	276.0	Good

160	Slope Protection	32+317	32+645	Stone Masonry	Left Side	2.0	Height	328.0	Good
161	Slope Protection	32+323	32+361	Stone Masonry	Right Side	2.5	Height	38.0	Good
162	Slope Protection	32+677	32+718	Stone Masonry	Right Side	1.2	Height	41.0	Good
163	Slop Protection	32+714	32+835	Stone Masonry	Left Side	2.0	Height	121.0	Good
164	Culvert	33+130	33+130	RCC Culvert	Center	4.0, 2.0	Width, Depth	16.0	Good
165	Slope Protection	33+144	33+204	Stone Masonry	Right Side	2.0	Height	60.0	Good
166	Slope Protection	33+300	33+422	Stone Masonry	Right Side	2.5	Height	122.0	Good
167	Culvert	33+334	33+334	RCC Slab	Center	2.0, 1.5	Width, Depth	12.3	Good
168	Culvert	33+413	33+413	RCC Slab	Center	2.2, 1.2	Width, Depth	14.8	Good
169	Side Ditch	33+424	33+442	Stone Masonry	Left Side	1.3, 1.0	Width, Depth	18.0	Good

Summary

Item/ Type	Sum	Unit
Slope Protection/ Stone Masonry	4946.5	m
Slope Protection/ Concrete	50.0	m
Culvert/ RCC Slab	65	location
Culvert/ RCC Pipe Culvert	4	location
Side Ditch	36	location
Bridge/ RCC Circular Arch Bridge	1	location
Bridge/ RCC Beam	2	location
Bridge/ Pre Stressed Girder	3	location

Road Inventory No.6

No	Item	Station		Type	Location	Size		L (m)	Condition
		Start	End			(m)	type		
1	Culvert	0+321	0+321	RCC Pipe Culvert	Center	0.6	Diameter	3.7	Good
2	Culvert	0+322	0+322	RCC Pipe Culvert	Right Side	0.6	Diameter	7.4	Good
3	Side Ditch	0+363	0+705	Concrete	Left Side	0.7, 0.5	Width, Depth	339.0	Good
4	Side Ditch	0+321	1+300	Concrete	Right Side	1.0, 1.0	Width, Depth	979.0	Good
5	Culvert	0+916	0+916	RCC Slab	Center	3.0, 1.5	Width, Depth	7.8	Good
6	Slope Protection	1+069	1+117	Stone Masonry	Left Side	1.7	Height	48.0	Good
7	Culvert	1+189	1+189	RCC Slab	Center	1.2, 0.6	Width, Depth	8.1	Good
8	Slope Protection	1+180	1+227	Stone Masonry	Left Side	1.7	Height	47.0	Good
9	Causeway	1+640	1+640	Causeway	Center	7.2, 2.0	Width, Depth	160.0	Good
10	Slope Protection	2+183	2+246	Stone Masonry	Right Side	1.0	Height	63.0	Good
11	Slope Protection	2+200	2+234	Stone Masonry	Left Side	1.0	Height	34.0	Good
12	Culvert	2+200	2+200	RCC Slab	Center	1.0, 1.0	Width, Depth	8.2	Good
13	Side Ditch	2+234	2+338	Stone Masonry	Right Side	0.8, 0.8	Width, Depth	104.0	Good
14	Side Ditch	2+246	2+359	Concrete	Left Side	0.7, 0.3	Width, Depth	113.0	Good
15	Side Ditch	2+600	2+676	Concrete	Right Side	0.8, 0.3	Width, Depth	76.0	Good
16	Slope Protection	2+700	2+746	Stone Masonry	Left Side	1.4	Height	46.0	Good
17	Slope Protection	2+676	2+736	Stone Masonry	Right Side	1.7	Height	60.0	Good
18	Culvert	2+710	2+710	RCC Slab	Center	1.3, 1.5	Width, Depth	8.0	Good
19	Side Ditch	2+736	3+144	Concrete	Right Side	0.6, 0.3	Width, Depth	76.0	Good
20	Slope Protection	3+100	3+425	Stone Masonry	Left Side	2.4	Height	325.0	Good
21	Slope Protection	3+144	3+200	Stone Masonry	Right Side	2.8	Height	56.0	Good
22	Bridge	3+200	3+200	RCC Beam	Center	7.6, 3.0	Width, Depth	15.0	Good
23	Culvert	3+310	3+310	RCC Slab	Center	1.3, 2.0	Width, Depth	9.3	Good
24	Side Ditch	3+315	3+344	Concrete	Right Side	0.9, 0.9	Width, Depth	29.0	Good
25	Culvert	3+400	3+400	RCC Slab	Center	1.5, 1.5	Width, Depth	8.0	Good
26	Slope Protection	3+448	3+800	Stone Masonry	Left Side	1.1	Height	352.0	Good
27	Culvert	3+776	3+776	RCC Slab	Center	1.2, 1.2	Width, Depth	7.8	Good
28	Side Ditch	3+780	3+811	Stone Masonry	Right Side	0.7, 0.5	Width, Depth	31.0	Good
29	Slope Protection	3+858	4+400	Stone Masonry	Left Side	1.8	Height	542.0	Good
30	Culvert	3+878	3+878	RCC Slab	Center	1.5, 2.5	Width, Depth	9.0	Good
31	Culvert	4+239	4+239	RCC Slab	Center	1.3, 2.0	Width, Depth	10.5	Good
32	Side Ditch	4+304	4+400	Stone Masonry	Right Side	0.7, 0.5	Width, Depth	96.0	Good
33	Slope Protection	4+400	6+700	Stone Masonry	Right Side	1.3	Height	2300.0	Good
34	Culvert	4+885	4+885	RCC Slab	Center	1.4, 2.0	Width, Depth	9.0	Good
35	Culvert	5+250	5+250	RCC Pipe Culvert	Center	0.6	Diameter	9.0	Good
36	Culvert	5+335	5+335	RCC Slab	Center	1.5, 1.3	Width, Depth	8.3	Good

37	Culvert	5+560	5+560	RCC Pipe Culvert	Center	0.6	Diameter	9.7	Good
38	Culvert	5+900	5+900	RCC Slab	Center	1.5, 1.5	Width, Depth	9.4	Good
39	Culvert	6+100	6+100	RCC Slab	Center	1.3, 1.0	Width, Depth	8.2	Good
40	Culvert	6+186	6+186	RCC Slab	Center	1.3, 1.5	Width, Depth	8.2	Good
41	Culvert	6+346	6+346	RCC Slab	Center	1.3, 1.5	Width, Depth	7.7	Good
42	Culvert	6+447	6+447	RCC Slab	Center	1.3, 1.5	Width, Depth	8.0	Good
43	Slope Protection	6+735	6+890	Stone Masonry	Right Side	1.5	Height	155.0	Good
44	Slope Protection	6+900	8+447	Stone Masonry	Left Side	2.0	Height	1577.0	Good
45	Culvert	7+100	7+100	RCC Slab	Center	1.3, 1.0	Width, Depth	8.4	Good
46	Culvert	7+452	7+452	RCC Slab	Center	2.0, 2.0	Width, Depth	9.4	Good
47	Culvert	7+530	7+530	RCC Pipe Culvert	Center	0.7	Diameter	7.0	Fair
48	Culvert	7+700	7+700	RCC Slab	Center	1.4, 1.4	Width, Depth	8.0	Good
49	Culvert	7+945	7+945	RCC Slab	Center	1.3, 1.5	Width, Depth	8.5	Good
50	Culvert	8+170	8+170	RCC Slab	Center	1.3, 2.5	Width, Depth	11.0	Good
51	Culvert	8+218	8+218	RCC Pipe Culvert	Center	0.7	Diameter	10.5	Fair
52	Culvert	8+300	8+300	RCC Slab	Center	1.3, 1.8	Width, Depth	8.0	Good
53	Slope Protection	8+528	9+378	Stone Masonry	Right Side	1.8	Height	850.0	Fair to Good
54	Culvert	8+875	8+875	RCC Slab	Center	1.3, 1.3	Width, Depth	8.0	Good
55	Culvert	9+300	9+300	RCC Slab	Center	1.3, 1.8	Width, Depth	8.0	Good, Half Chock from Left Side
56	Slope Protection	9+421	9+600	Stone Masonry	Left Side	1.0	Height	179.0	Good
57	Slope Protection	9+600	9+630	Stone Masonry	Right Side	1.0	Height	30.0	Good
58	Slope Protection	9+800	9+900	Stone Masonry	Left Side	1.3	Height	100.0	Good
59	Slope Protection	9+871	9+900	Stone Masonry	Right Side	0.9	Height	29.0	Good
60	Culvert	9+900	9+900	RCC Slab	Center	1.3, 2.0	Width, Depth	8.8	Good
61	Slope Protection	9+948	10+100	Stone Masonry	Left Side	1.5	Height	152.0	Good
62	Slope Protection	10+100	10+500	Stone Masonry	Right Side	1.3	Height	400.0	Good
63	Culvert	10+245	10+245	RCC Slab	Center	1.3, 0.6	Width, Depth	8.0	Good
64	Slope Protection	10+535	10+900	Stone Masonry	Left Side	1.2	Height	365.0	Good
65	Culvert	10+675	10+675	RCC Slab	Center	1.2, 1.5	Width, Depth	8.0	Good
66	Slope Protection	10+900	11+755	Stone Masonry	Right Side	1.5	Height	855.0	Good
67	Culvert	11+078	11+078	RCC Slab	Center	1.5, 1.5	Width, Depth	9.5	Good
68	Culvert	11+284	11+284	RCC Slab	Center	1.3, 1.5	Width, Depth	8.3	Good
69	Culvert	11+655	11+655	RCC Slab	Center	1.4, 1.7	Width, Depth	8.0	Good
70	Slope Protection	11+772	12+045	Stone Masonry	Left Side	1.0	Height	273.0	Good
71	Culvert	11+861	11+861	RCC Slab	Center	1.3, 1.5	Width, Depth	7.8	Good
72	Slope Protection	12+028	12+044	Stone Masonry	Right Side	1.3	Height	16.0	Good
73	Culvert	12+042	12+042	RCC Slab	Center	1.3, 1.0	Width, Depth	7.7	Good
74	Slope Protection	12+100	12+440	Stone Masonry	Left Side	1.0	Height	340.0	Good
75	Culvert	12+200	12+200	RCC Slab	Center	1.3, 1.0	Width, Depth	8.5	Good
76	Slope Protection	12+185	12+205	Stone Masonry	Right Side	1.2	Height	20.0	Good
77	Slope Protection	12+440	12+700	Stone Masonry	Right Side	1.0	Height	1.0	Good
78	Slope Protection	12+700	13+036	Stone Masonry	Left Side	1.0	Height	1.0	Good
79	Slope Protection	13+018	13+033	Stone Masonry	Right Side	0.9	Height	0.9	Good
80	Culvert	13+030	13+030	RCC Slab	Center	1.4, 1.8	Width, Depth	8.5	Good
81	Slope Protection	13+167	13+200	Stone Masonry	Left Side	1.0	Height	33.0	Good
82	Slope Protection	13+226	13+400	Stone Masonry	Right Side	1.3	Height	174.0	Good
83	Slope Protection	13+400	13+500	Stone Masonry	Left Side	1.2	Height	100.0	Good
84	Slope Protection	13+500	13+530	Stone Masonry	Right Side	1.0	Height	30.0	Good
85	Slope Protection	13+613	13+955	Stone Masonry	Right Side	1.5	Height	324.0	Good
86	Slope Protection	13+613	13+652	Stone Masonry	Left Side	1.5	Height	21.0	Good
87	Culvert	13+648	13+648	RCC Slab	Center	1.5, 1.2	Width, Depth	8.0	Good
88	Slope Protection	13+794	13+808	Stone Masonry	Left Side	1.2	Height	14.0	Good
89	Culvert	13+808	13+808	RCC Slab	Center	1.3, 1.6	Width, Depth	8.0	Good
90	Slope Protection	14+000	14+155	Stone Masonry	Left Side	1.5	Height	155.0	Good
91	Side Ditch	14+078	14+110	Stone Masonry	Right Side	0.8, 0.6	Width, Depth	32.0	Good
92	Culvert	14+155	14+155	RCC Slab	Center	2.0, 2.0	Width, Depth	8.0	Good
93	Slope Protection	14+137	14+157	Stone Masonry	Right Side	1.3	Height	20.0	Good
94	Slope Protection	14+200	14+300	Stone Masonry	Left Side	2.0	Height	100.0	Good
95	Culvert	14+300	14+300	RCC Slab	Center	2.0, 2.0	Width, Depth	9.8	Good
96	Slope Protection	14+338	14+393	Stone Masonry	Left Side	2.5	Height	55.0	Good
97	Culvert	14+393	14+393	RCC Slab	Center	1.8, 2.0	Width, Depth	8.0	Good
98	Slope Protection	14+415	14+440	Stone Masonry	Left Side	4.5	Height	25.0	Good
99	Side Ditch	14+500	15+810	Concrete	Left Side	0.5, 0.5	Width, Depth	1310.0	Good
100	Side Ditch	14+500	16+600	Concrete	Right Side	0.6, 0.6	Width, Depth	2100.0	Good

101	Culvert	14+605	14+605	RCC Slab	Center	1.5, 1.0	Width, Depth	11.8	Good
102	Culvert	14+854	14+854	RCC Slab	Center	1.2, 1.0	Width, Depth	8.3	Good
103	Culvert	15+200	15+200	RCC Pipe Culvert	Center	0.3	Diameter	7.5	Good
104	Slope Protection	16+856	16+900	Stone Masonry	Left Side	3.0	Height	44.0	Good
105	Culvert	16+883	16+883	RCC Slab	Center	2.0, 2.0	Width, Depth	9.0	Good
106	Slope Protection	16+969	17+200	Stone Masonry	Left Side	3.0	Height	231.0	Good
107	Culvert	17+000	17+000	RCC Slab	Center	1.5, 1.0	Width, Depth	8.8	Good
108	Bridge	17+500	17+500	RCC Circular Arch Type	Center	0.6, 3.8	Width, Height	10.0	Good
109	Slope Protection	17+943	17+990	Stone Masonry	Left Side	1.0	Height	47.0	Good
110	Culvert	18+377	18+377	RCC Slab	Center	1.5	Width	8.0	Good
111	Slope Protection	18+377	18+412	Stone Masonry	Left Side	0.7	Height	35.0	Good
112	Slope Protection	18+393	18+500	Stone Masonry	Right Side	1.4	Height	107.0	Good
113	Slope Protection	18+765	18+800	Stone Masonry	Left Side	1.2	Height	35.0	Good
114	Culvert	18+780	18+780	RCC Slab	Center	1.7, 1.0	Width, Depth	12.5	Good, But Chocked from Right Side
115	Slope Protection	19+100	19+242	Stone Masonry	Right Side	1.8	Height	142.0	Good
116	Slope Protection	19+190	19+248	Stone Masonry	Left Side	1.0	Height	58.0	Good
117	Culvert	19+242	10+242	RCC Slab	Center	2.0, 1.3	Width, Depth	13.8	Good
118	Slope Protection	19+300	19+329	Stone Masonry	Left Side	3.8	Height	29.0	Good
119	Bridge	19+329	19+329	RCC Circular Arch Type	Center	4.7, 6.8	Width, Height	22.5	Good
120	Slope Protection	19+309	19+329	Stone Masonry	Right Side	4.5	Height	20.0	Good
121	Slope Protection	19+430	19+478	Stone Masonry	Left Side	1.5	Height	48.0	Good
122	Culvert	19+437	19+437	RCC Slab	Center	1.0, 1.0	Width, Depth	9.0	Good
123	Culvert	19+562	19+562	RCC Slab	Center	1.0	Width	10.0	Good
124	Slope Protection	19+562	19+600	Stone Masonry	Right Side	2.7	Height	38.0	Good
125	Slope Protection	19+615	19+800	Stone Masonry	Right Side	3.5	Height	185.0	Good
126	Slope Protection	20+006	20+050	Stone Masonry	Left Side	1.2	Height	44.0	Good
127	Culvert	20+042	20+042	RCC Slab	Center	1.3, 1.2	Width, Depth	8.6	Good
128	Side Ditch	20+044	20+074	Stone Masonry	Right Side	1.0, 0.4	Width, Depth	30.0	Good
129	Culvert	20+400	20+400	RCC Slab	Center	2.5, 2.3	Width, Depth	10.0	Good
130	Slope Protection	20+392	20+410	Stone Masonry	Both Side	3.0	Height	18.0	Good
131	Slope Protection	20+619	20+704	Stone Masonry	Left Side	0.9	Height	85.0	Good
132	Side Ditch	20+817	20+982	Stone Masonry	Right Side	1.0, 0.4	Width, Depth	165.0	Good
133	Slope Protection	20+985	21+056	Stone Masonry	Right Side	2.0	Height	71.0	Good
134	Slope Protection	20+985	21+056	Stone Masonry	Left Side	2.0	Height	71.0	Good
135	Culvert	21+021	21+021	RCC Slab	Center	2.6, 2.2	Width, Depth	11.0	Good
136	Side Ditch	21+455	21+665	Stone Masonry	Left Side	0.9, 0.6	Width, Depth	210.0	Good
137	Culvert	21+520	21+520	RCC Slab	Center	1.3, 1.0	Width, Depth	12.9	Good
138	Slope Protection	21+520	21+702	Stone Masonry	Right Side	2.0	Height	182.0	Good
139	Culvert	21+700	21+700	RCC Slab	Center	2.0, 2.0	Width, Depth	11.0	Good
140	Slope Protection	21+665	21+728	Stone Masonry	Left Side	2.3	Height	63.0	Good
141	Side Ditch	21+714	21+784	Stone Masonry	Right Side	0.9, 0.6	Width, Depth	70.0	Good
142	Slope Protection	21+854	21+989	Stone Masonry	Left Side	1.5	Height	135.0	Good
143	Side Ditch	21+889	21+909	Stone Masonry	Right Side	0.9, 0.6	Width, Depth	20.0	Good
144	Side Ditch	22+200	22+279	Stone Masonry	Left Side	0.9, 0.6	Width, Depth	79.0	Good
145	Culvert	22+256	22+256	RCC Slab	Center	1.3	Width	9.5	Good
146	Culvert	22+400	22+400	RCC Slab	Center	1.3, 1.0	Width, Depth	8.7	Good
147	Slope Protection	22+355	22+525	Stone Masonry	Right Side	1.5	Height	170.0	Good
148	Slope Protection	22+382	22+405	Stone Masonry	Left Side	1.2	Height	23.0	Good
149	Side Ditch	22+405	22+433	Stone Masonry	Left Side	0.9, 0.6	Width, Depth	28.0	Good
150	Side Ditch	22+570	22+700	Stone Masonry	Left Side	0.9, 0.4	Width, Depth	130.0	Good
151	Slope Protection	22+630	22+703	Stone Masonry	Right Side	1.5	Height	73.0	Fair to Good
152	Culvert	22+700	22+700	RCC Slab	Center	1.5, 1.2	Width, Depth	10.0	Good
153	Side Ditch	22+716	22+746	Stone Masonry	Right Side	0.9, 0.4	Width, Depth	30.0	Good
154	Slope Protection	23+988	23+995	Concrete	Left Side	2.3	Height	7.0	Good
155	Culvert	23+047	23+047	RCC Slab	Center	1.4, 2.0	Width, Depth	9.0	Good
156	Slope Protection	23+047	23+064	Concrete	Left Side	3.0	Height	17.0	Good
157	Slope Protection	23+100	23+137	Concrete	Left Side	2.3	Height	37.0	Good
158	Slope Protection	23+151	23+183	Stone Masonry	Left Side	3.0	Height	32.0	Good
159	Culvert	23+200	23+200	RCC Slab	Center	7.0, 2.0	Width, Depth	8.0	Fair to Good
160	Slope Protection	23+183	23+200	Stone Masonry	Right Side	2.0	Height	17.0	Good
161	Slope Protection	23+400	23+422	Stone Masonry	Right Side	2.4	Height	22.0	Good
162	Culvert	23+422	23+422	RCC Slab	Center	2.7, 2.2	Width, Depth	9.0	Fair to Good

163	Slope Protection	23+655	23+688	Stone Masonry	Left Side	2.5	Height	23.0	Good
164	Culvert	23+668	23+668	RCC Slab	Center	1.2, 1.2	Width, Depth	10.0	Good
165	Culvert	23+688	23+688	RCC Slab	Center	3.1, 2.7	Width, Depth	9.3	Good
166	Slope Protection	23+690	23+704	Stone Masonry	Right Side	4.1	Height	14.0	Good
167	Slope Protection	23+717	23+757	Stone Masonry	Right Side	3.0	Height	40.0	Good
168	Slope Protection	23+773	24+000	Stone Masonry	Right Side	3.2	Height	227.0	Good
169	Culvert	23+800	23+800	RCC Slab	Center	2.4, 3.0	Height	8.7	Good
170	Slope Protection	23+783	23+810	Stone Masonry	Left Side	2.7	Height	27.0	Good
171	Slope Protection	24+000	24+423	Concrete	Right Side	1.3	Height	423.0	Good
172	Culvert	24+100	24+100	RCC Pipe Culvert	Center	0.6	Diameter	5.4	Good
173	Side Ditch	24+490	24+506	Concrete	Left Side	0.6, 0.4	Width, Depth	16.0	Good
174	Culvert	24+500	24+500	RCC Pipe Culvert	Center	0.6	Diameter	0.6	Good
175	Slope Protection	24+552	24+587	Stone Masonry	Right Side	2.0	Height	35.0	Good
176	Culvert	24+619	24+619	RCC Pipe Culvert	Center	0.6	Diameter	5.5	Good

Summary

Item/ Type	Sum	Unit
Slope Protection/ Stone Masonry	13128.6	m
Culvert/ RCC Slab	62	location
Culvert/ RCC Pipe Culvert	8	location
Side Ditch	22	location
Causeway	1	location
Bridge/ RCC Circular Arch Type	2	location
Bridge/ RCC Beam	1	location

Road Inventory No.7

No	Item	Station		Type	Location	Size		L (m)	Condition
		Start	End			(m)	type		
1	Slope Protection	0+038	0+068	Brick Masonry	Right Side	3.0	Height	30.0	Good
2	Slope Protection	0+100	0+238	Concrete	Right Side	2.0	Height	138.0	Good
3	Slope Protection	0+457	0+565	Concrete	Right Side	2.0	Height	108.0	Good
4	Slope Protection	0+690	0+910	Concrete	Right Side	2.0	Height	220.0	Good
5	Slope Protection	0+953	1+212	Concrete	Right Side	2.0	Height	259.0	Good
6	Slope Protection	1+500	1+550	Concrete	Right Side	-	-	50.0	Good
7	Slope Protection	1+563	1+630	Concrete	Right Side	2.0	Height	37.0	Good
8	Slope Protection	1+630	1+724	Concrete	Right Side	2.0	Height	94.0	Under Construction
9	Slope Protection	2+273	2+600	Concrete	Right Side	2.0	Height	327.0	Good
10	Slope Protection	2+617	2+895	Concrete	Right Side	2.0	Height	278.0	Good

Summary

Item/ Type	Sum	Unit
Slope Protection/ Brick Masonry	30.0	m
Slope Protection/ Concrete	1511.0	m

Road Inventory No.8

No	Item	Station		Type	Location	Size		L (m)	Condition
		Start	End			(m)	type		
1	Culvert	0+222	0+222	RCC Slab/ Brick Masonry	Center	2.0, 1.4	Width, Depth	8.0	Good
2	Culvert	0+500	0+500	RCC Slab/ Brick Masonry	Center	1.0, 0.6	Width, Depth	7.9	Fair
3	Culvert	0+754	0+754	RCC Slab/ Brick Masonry	Center	1.0, 1.0	Width, Depth	8.0	Good
4	Culvert	1+012	1+012	RCC Slab/ Brick Masonry	Center	1.0, 1.0	Width, Depth	7.9	Good
5	Culvert	1+320	1+320	RCC Slab/ Brick Masonry	Center	1.0, 1.0	Width, Depth	8.0	Good
6	Culvert	1+670	1+670	RCC Slab/ Brick Masonry	Center	2.0, 0.6	Width, Depth	7.8	Good
7	Culvert	2+095	2+095	RCC Slab/ Brick Masonry	Center	2.0, 1.0	Width, Depth	7.9	Good

8	Culvert	2+440	2+440	RCC Slab/ Brick Masonry	Center	2.0, 1.2	Width, Depth	10.8	Good
9	Culvert	2+990	2+990	RCC Slab/ Brick Masonry	Center	2.0, 1.2	Width, Depth	8.0	Good
10	Culvert	3+042	3+042	RCC Slab/ Brick Masonry	Center	2.0, 1.0	Width, Depth	8.0	Good
11	Culvert	3+115	3+115	RCC Slab/ Brick Masonry	Center	2.0, 1.2	Width, Depth	7.9	Good
12	Culvert	3+420	3+420	RCC Slab/ Brick Masonry	Center	3.0, 3.5	Width, Depth	8.0	Good
13	Bridge	3+824	3+824	RCC Slab/ Brick Masonry	Center	8.0, 2.0	Width, Depth	42.0	Fair
14	Culvert	4+042	4+042	RCC Slab/ Brick Masonry	Center	1.0, 1.2	Width, Depth	8.0	Good
15	Culvert	4+410	4+410	RCC Slab/ Brick Masonry	Center	2.2, 1.3	Width, Depth	7.9	Fair to Good
16	Culvert	4+920	4+920	RCC Slab/ Brick Masonry	Center	3.0, 2.3	Width, Depth	8.0	Good
17	Slope Protection	4+920	4+935	RCC Slab/ Brick Masonry	Both Side	3.2	Height	15.0	Good
18	Culvert	5+100	5+100	RCC Slab/ Brick Masonry	Center	2.0, 2.0	Width, Depth	8.0	Good
19	Culvert	5+575	5+575	RCC Slab/ Brick Masonry	Center	1.3, 1.0	Width, Depth	5.5	Road is damaged at this location.
20	Culvert	5+900	5+900	RCC Slab/ Brick Masonry	Center	2.0, 1.0	Width, Depth	8.0	Good
21	Culvert	5+965	5+965	RCC Pipe Culvert	Center	0.6	Diameter	8.0	Good
22	Culvert	6+100	6+100	RCC Slab/ Brick Masonry	Center	1.0, 1.0	Width, Depth	8.0	Good, But Chocked
23	Culvert	6+300	6+300	RCC Slab/ Brick Masonry	Center	1.0, 1.0	Width, Depth	8.0	Good
24	Culvert	6+490	6+490	RCC Slab/ Brick Masonry	Center	2.0, 1.0	Width, Depth	8.0	Good (Half Chocked)
25	Culvert	6+800	6+800	RCC Slab/ Brick Masonry	Center	2.0, 1.0	Width, Depth	8.1	Good (Almost Chocked)
26	Culvert	7+000	7+000	RCC Slab/ Brick Masonry	Center	2.0, 1.5	Width, Depth	8.0	Good
27	Culvert	7+290	7+290	RCC Slab/ Brick Masonry	Center	2.5	Width	11.0	Good
28	Culvert	7+385	7+385	RCC Slab/ Brick Masonry	Center	2.0, 1.0	Width, Depth	8.1	Good (Chocked, Cover with Bushes)
29	Culvert	7+510	7+510	RCC Slab/ Brick Masonry	Center	2.0, 1.0	Width, Depth	8.0	Fair (Half Chocked)
30	Culvert	7+678	7+678	RCC Slab/ Brick Masonry	Center	2.0, 1.0	Width, Depth	8.0	Good (Chocked)
31	Culvert	7+880	7+880	RCC Slab/ Brick Masonry	Center	2.0, 1.0	Width, Depth	8.0	Fair (Almost Chocked)
32	Culvert	8+085	8+085	RCC Slab/ Brick Masonry	Center	2.0, 1.0	Width, Depth	8.0	Good (Chocked)
33	Culvert	8+300	8+300	RCC Slab/ Brick Masonry	Center	2.0, 1.0	Width, Depth	8.0	Good (Almost Chocked)
34	Culvert	8+560	8+560	RCC Slab/ Brick Masonry	Center	2.8	Width	14.0	Fair (Almost Chocked)
35	Culvert	8+664	8+664	RCC Slab/ Brick Masonry	Center	3.0, 1.0	Width, Depth	10.5	Fair
36	Culvert	8+875	8+875	RCC Slab/ Brick Masonry	Center	2.0	Width	8.0	Fully Covered
37	Culvert	9+020	9+020	RCC Slab/ Brick Masonry	Center	2.0, 1.0	Width, Depth	8.0	Good
38	Culvert	9+290	9+290	RCC Slab/ Brick Masonry	Center	2.0, 1.0	Width, Depth	8.3	Good
39	Culvert	9+541	9+541	RCC Slab/ Brick Masonry	Center	2.7, 1.5	Width, Depth	10.6	Good
40	Culvert	10+000	10+000	RCC Slab/ Brick Masonry	Center	2.0, 1.0	Width, Depth	2.1	Fair to Good

41	Culvert	10+180	10+180	RCC Slab/ Brick Masonry	Center	1.0, 1.5	Width, Depth	7.9	Good
42	Culvert	10+478	10+478	RCC Slab/ Brick Masonry	Center	1.0, 1.0	Width, Depth	8.0	Fair
43	Culvert	10+891	10+891	RCC Slab/ Brick Masonry	Center	1.0, 1.5	Width, Depth	7.8	Good
44	Slope Protection	11+356	11+356	RCC Slab	Center	1.0, 1.5	Width, Depth	7.6	Good
45	Culvert	11+600	11+600	RCC Slab	Center	2.0, 1.0	Width, Depth	7.9	Fair
46	Culvert	11+865	11+865	RCC Slab	Center	1.0, 1.5	Width, Depth	7.9	Good
47	Culvert	12+300	12+300	RCC Slab	Center	1.0, 1.0	Width, Depth	7.9	Good
48	Culvert	12+766	12+766	RCC Slab	Center	1.0, 1.0	Width, Depth	8.0	Good
49	Culvert	13+010	13+010	RCC Slab	Center	2.0, 1.5	Width, Depth	8.0	Fair
50	Culvert	13+300	13+300	RCC Slab	Center	2.0, 1.5	Width, Depth	7.8	Good
51	Causeway	13+540	13+549	Concrete + Asphalt with Brick Wall	Center	8.5	Width	110.0	Fair
52	Culvert	13+860	13+860	RCC Slab	Center	1.0, 1.5	Width, Depth	8.0	Good
53	Culvert	14+000	14+000	RCC Slab	Center	1.0, 1.5	Width, Depth	7.9	Good
54	Causeway	14+200	14+200	Concrete + Asphalt with Brick Wall	Center	8.1	Width	8.1	Fair
55	Culvert	14+567	14+567	RCC Slab	Center	1.0, 1.0	Width, Depth	8.0	Fair to Good
56	Culvert	14+800	14+800	RCC Slab	Center	1.0, 1.5	Width, Depth	11.1	Fair
57	Culvert	15+215	15+215	RCC Slab	Center	1.0, 1.0	Width, Depth	8.0	Bad
58	Culvert	15+400	15+400	RCC Slab	Center	1.0, 1.0	Width, Depth	8.0	Good
59	Culvert	15+617	15+617	RCC Slab	Center	1.0, 1.0	Width, Depth	8.0	Good
60	Culvert	15+919	15+919	RCC Slab	Center	1.0, 0.7	Width, Depth	8.0	Good
61	Culvert	16+200	16+200	RCC Slab	Center	2.0, 1.0	Width, Depth	10.1	Bad
62	Culvert	16+438	16+438	RCC Slab	Center	2.0, 1.0	Width, Depth	7.9	Good
63	Culvert	16+572	16+572	RCC Slab	Center	1.0, 1.0	Width, Depth	7.9	Good
64	Culvert	16+900	16+900	RCC Slab	Center	1.0, 1.0	Width, Depth	8.0	Bad
65	Culvert	17+049	17+049	RCC Slab	Center	2.0, 1.0	Width, Depth	8.1	Good
66	Culvert	17+338	17+338	RCC Slab	Center	1.0, 1.0	Width, Depth	8.0	Chocked
67	Culvert	17+665	17+665	RCC Slab	Center	1.0, 1.5	Width, Depth	8.0	Good
68	Culvert	18+077	18+077	RCC Slab	Center	1.0, 1.0	Width, Depth	8.0	Good
69	Culvert	18+700	18+700	RCC Slab	Center	1.0, 1.0	Width, Depth	8.0	Good
70	Culvert	18+910	18+910	RCC Slab	Center	2.0, 1.0	Width, Depth	8.0	Good
71	Culvert	19+290	19+290	RCC Slab	Center	1.0, 1.0	Width, Depth	8.0	Good (Chocked)
72	Culvert	19+444	19+444	RCC Slab	Center	1.0, 1.0	Width, Depth	8.0	Good (Chocked)
73	Culvert	19+780	19+780	RCC Slab	Center	1.0, 1.0	Width, Depth	8.0	Good
74	Culvert	20+060	20+060	RCC Slab	Center	1.0, 1.0	Width, Depth	7.9	Fair to Good
75	Culvert	20+600	20+600	RCC Slab	Center	1.0, 1.0	Width, Depth	8.0	Fair (Slab is Damaged)
76	Culvert	20+937	20+937	RCC Slab	Center	1.0, 1.0	Width, Depth	8.0	Good
77	Culvert	21+327	21+327	RCC Slab	Center	1.0, 1.0	Width, Depth	8.0	Good
78	Culvert	21+640	21+640	RCC Slab	Center	1.0, 1.0	Width, Depth	8.0	Good
79	Culvert	22+251	22+251	RCC Slab	Center	1.0, 1.0	Width, Depth	8.0	Good
80	Culvert	22+619	22+619	RCC Slab	Center	1.0, 1.0	Width, Depth	8.0	Good
81	Culvert	22+781	22+781	RCC Slab	Center	1.0, 1.0	Width, Depth	7.9	Good
82	Culvert	22+867	22+867	RCC Slab	Center	1.0, 1.0	Width, Depth	7.9	Good
83	Culvert	22+942	22+942	RCC Pipe Culvert	Center	0.5	Diameter	0.5	Fair
84	Culvert	23+071	23+071	RCC Slab	Center	1.0, 1.0	Width, Depth	7.9	Good
85	Culvert	23+360	23+360	RCC Slab	Center	1.0, 1.0	Width, Depth	8.0	Good
86	Culvert	23+600	23+600	RCC Slab	Center	1.0, 1.0	Width, Depth	8.0	Good
87	Culvert	23+714	23+714	RCC Slab	Center	1.0, 1.0	Width, Depth	8.0	Fair to Good
88	Culvert	24+076	24+076	RCC Slab	Center	1.0, 1.0	Width, Depth	8.0	Good
89	Culvert	24+439	24+439	RCC Slab	Center	1.0, 1.0	Width, Depth	8.0	Good
90	Irrigation Canal	24+900	32+350	Irrigation Canal	Center	2.1, 5.6	Width, Depth	7450.0	-
91	Bridge	31+509	31+509	Prestressd Girder	Center	5.4, 5.6	Width, Depth	26.0	Good
92	Bridge	33+700	33+700	RCC Bridge	Center	7.1, 3.0	Width, Height	81.2	Good
93	Irrigation Canal	34+350	34+350	Irrigation Canal	Center	4.5, 3.0	Width, Depth	78.0	Fair
94	Culvert	35+900	35+900	RCC Pipe Culvert	Center	0.6	Diameter	9.4	Good
95	Culvert	36+185	36+185	RCC Slab	Center	2.5, 1.3	Width, Depth	6.7	Good
96	Culvert	36+400	36+400	RCC Slab	Center	2.7, 1.0	Width, Depth	7.6	Good
97	Culvert	36+716	36+716	RCC Slab	Center	0.9	Width	10.7	Good
98	Culvert	37+525	37+525	RCC Slab	Center	2.3, 1.0	Width, Depth	6.6	Good
99	Culvert	39+217	39+217	RCC Pipe Culvert	Center	1.2	Diameter	9.5	Fair to Good
100	Slope Protection	39+315	39+341	Concrete	Left Side	0.9	Height	27.0	Good

101	Culvert	39+333	39+333	RCC Slab	Center	0.5, 0.6	Width, Depth	10.3	Good
102	Culvert	39+339	39+339	RCC Slab	Center	-	-	8.7	Good (Chocked)
103	Culvert	40+124	40+124	RCC Pipe Culvert	Center	0.6	Diameter	10.0	Good
104	Culvert	40+071	40+071	RCC Pipe Culvert	Center	0.4	Diameter	9.1	Good
105	Culvert	41+486	41+486	RCC Slab	Center	2.7, 1.5	Width, Depth	6.9	Good
106	Culvert	41+760	41+760	RCC Slab	Center	1.2, 1.5	Width, Depth	9.5	Good
107	Culvert	42+036	42+036	RCC Slab	Center	1.0, 2.0	Width, Depth	9.5	Good
108	Culvert	42+295	42+295	RCC Slab	Center	2.0, 1.5	Width, Depth	9.7	Good
109	Culvert	42+469	42+469	RCC Slab	Center	1.2, 1.5	Width, Depth	9.5	Good
110	Culvert	42+867	42+867	RCC Slab	Center	1.0, 1.5	Width, Depth	9.6	Good
111	Culvert	43+022	43+022	RCC Slab	Center	1.0, 1.0	Width, Depth	9.6	Good
112	Culvert	43+190	43+190	RCC Slab	Center	1.0, 1.0	Width, Depth	9.4	Good (Wall is Cracked)
113	Culvert	43+370	43+370	RCC Slab	Center	2.0, 1.3	Width, Depth	9.7	Good
114	Culvert	43+620	43+620	RCC Slab	Center	2.0, 1.3	Width, Depth	9.6	Good
115	Culvert	43+700	43+700	RCC Slab	Center	1.0, 1.5	Width, Depth	9.6	Good
116	Culvert	43+939	43+939	RCC Slab	Center	1.4, 1.5	Width, Depth	9.4	Good
117	Culvert	44+293	44+293	RCC Slab	Center	1.5, 1.5	Width, Depth	9.5	Good
118	Culvert	44+920	44+920	RCC Slab	Center	1.0, 1.0	Width, Depth	9.5	Good
119	Culvert	45+300	45+300	RCC Slab	Center	2.0, 1.0	Width, Depth	9.6	Good
120	Culvert	45+628	45+628	RCC Slab	Center	1.5, 1.5	Width, Depth	9.5	Good
121	Causeway	45+848	45+848	Causeway	Center	6.0	Width	50.0	Fair (Broken in the Middle)
122	Culvert	46+280	46+280	RCC Slab	Center	1.5, 1.5	Width, Depth	9.7	Good
123	Culvert	46+700	46+700	RCC Slab	Center	1.5, 1.3	Width, Depth	9.4	Good

Summary

Item/ Type	Sum	Unit
Slope Protection/ Brick Masonry	15.0	m
Slope Protection/ RCC Slab	7.6	m
Slope Protection/ Concrete	27.0	m
Culvert/ Brick Masonry	41	location
Culvert/ RCC Slab	67	location
Culvert/ RCC Pipe Culvert	5	location
Causeway	3	location
Irrigation Canal	2	location
Bridge/ RCC Slab Brick Masonry Wall	1	location
Bridge/ Pre Stressed Girder	1	location
Bridge/ RCC Bridge	1	location

Road Inventory No.9

No	Item	Station		Type	Location	Size		L (m)	Condition
		Start	End			(m)	type		
1	Slope Protection	0+026	0+036	Stone Masonry	Right Side	2.0	Height	9.5	Fair
2	Side Ditch	0+084	0+298	Concrete	Right Side	0.3, 0.3	Width, Depth	113.7	Fair
3	Culvert	0+250	0+250	RCC Pipe Culvert	Center	-	-	7.5	Bad
4	Side Ditch	0+437	0+494	Concrete	Right Side	1.4, 0.7	Width, Depth	57.3	Fair
5	Slope Protection	0+457	0+481	Stone Masonry	Both Side	3.6	Height	24.0	Good
6	Culvert	0+494	0+494	RCC Slab	Center	2.7, 1.1	Width, Depth	9.3	Under Construction
7	Slope Protection	0+574	0+655	Stone Masonry	Center	2.0	Height	18.7	Good
8	Slope Protection	0+710	0+747	Stone Masonry	Center	2.5	Height	2.5	Good
9	Side Ditch	0+890	0+940	Concrete	Left Side	1.4, 0.7	Width, Depth	50.0	Good
10	Culvert	0+890	0+890	RCC Pipe Culvert	Center	0.6	Diameter	7.4	Fair
11	Culvert	1+140	1+140	RCC Slab	Center	10, 4.0	Width, Depth	7.9	Good (Crack at Lower end of Walls)
12	Slope Protection	1+140	1+158	Stone Masonry	Right Side	1.3	Height	18.6	Good
13	Side Ditch	1+163	1+300	Concrete	Left Side	0.9, 0.5	Width, Depth	137.0	Good
14	Side Ditch	1+550	1+980	Concrete	Left Side	0.9, 0.6	Width, Depth	430.0	Good
15	Slope Protection	1+770	1+786	Stone Masonry	Right Side	2.4	Height	15.0	Good
16	Slope Protection	1+840	1+900	Stone Masonry	Right Side	2.2	Height	60.5	Good
17	Culvert	1+980	1+980	RCC Slab	Center	3.3, 2.0	Width, Depth	7.6	Good
18	Culvert	2+180	2+180	RCC Slab	Center	2.2, 1.4	Width, Depth	7.2	Good (Chocked from Left Side)

19	Slope Protection	2+180	2+180	Concrete + Stone Masonry	Center	2.0	Height	70.0	Good
20	Culvert	2+350	2+350	RCC Slab	Center	3.0, 1.7	Width, Depth	8.3	Good (Half Chocked from Left Side)
21	Slope Protection	2+700	2+838	Stone Masonry	Both Side	1.3	Height	138.4	Good
22	Culvert	2+840	2+840	RCC Pipe Culvert	Center	0.7	Diameter	7.3	Good (Half Chocked from Left Side)
23	Slope Protection	2+840	2+889	Stone Masonry	Right Side	3.0	Height	49.3	Good
24	Culvert	2+959	2+959	RCC Slab	Center	0.9, 0.9	Width, Depth	8.0	Good
25	Side Ditch	2+959	3+022	Concrete	Left Side	0.4, 0.3	Width, Depth	63.0	Fair
26	Culvert	3+100	3+100	RCC Pipe Culvert	Center	0.9	Diameter	9.0	Good
27	Side Ditch	3+210	3+600	Concrete	Left Side	0.6, 0.5	Width, Depth	390.0	Fair
28	Side Ditch	3+210	3+520	Concrete	Right Side	0.9, 0.6	Width, Depth	310.0	Fair
29	Side Ditch	3+600	4+362	Concrete	Left Side	1.0, 1.0	Width, Depth	762.0	Good
30	Culvert	3+595	3+595	RCC Slab	Center	2.1, 1.6	Width, Depth	8.0	Good
31	Slope Protection	3+774	3+814	Stone Masonry	Right Side	2.2	Height	40.0	Good
32	Slope Protection	3+825	4+010	Stone Masonry	Right Side	3.0	Height	185.0	Good
33	Culvert	4+100	4+100	RCC Pipe Culvert	Center	0.6	Diameter	10.0	Good
34	Slope Protection	4+236	4+276	Stone Masonry	Right Side	3.0	Height	40.0	Good
35	Culvert	4+362	4+362	RCC Pipe Culvert	Center	1.0	Diameter	7.4	Good
36	Slope Protection	4+359	4+376	Concrete	Right Side	1.5	Height	187.0	Good
37	Culvert	4+636	4+636	RCC Slab	Center	2.2, 1.5	Width, Depth	9.0	Good
38	Slope Protection	4+710	4+760	Stone Masonry	Left Side	2.0	Height	50.0	Good
39	Slope Protection	4+730	4+790	Stone Masonry	Right Side	3.0	Height	3.0	Good
40	Culvert	5+010	5+010	RCC Slab	Center	2.4, 1.3	Width, Depth	7.4	Good (2 Outer Cell are Chocked Left Side)
41	Slope Protection	5+058	5+069	Stone Masonry	Both Side	1.0	Height	9.5	Fair
42	Culvert	5+058	5+058	RCC Slab	Center	2.5, 0.3	Width, Depth	7.3	Fair
43	Culvert	5+365	5+365	RCC Pipe Culvert	Center	1.0	Diameter	7.5	Good
44	Slope Protection	5+365	5+481	Stone Masonry	Center	4.0	Height	116.0	Good
45	Side Ditch	5+365	5+576	Stone Masonry	Center	0.9, 0.9	Width, Depth	35.0	Bad
46	Slope Protection	5+662	5+725	Stone Masonry	Center	4.4	Height	63.0	Good
47	Causeway	5+682	5+682	Concrete + Stone Masonry	Center	9.0	Width	20.5	Good
48	Slope Protection	5+825	5+875	Stone Masonry	Right Side	3.0	Height	50.0	Good
49	Culvert	5+853	5+853	RCC Slab	Center	3.0, 3.0	Width, Depth	11.1	Good
50	Slope Protection	5+989	6+036	Stone Masonry	Right Side	6.0	Height	47.0	Good
51	Slope Protection	6+200	6+223	Stone Masonry	Right Side	2.4	Height	23.0	Good
52	Slope Protection	6+300	6+352	Stone Masonry	Right Side	2.7	Height	52.0	Good
53	Culvert	6+350	6+350	RCC Pipe Culvert	Center	1.0	Diameter	9.1	Good
54	Slope Protection	6+340	6+410	Stone Masonry	Right Side	3.8	Height	70.0	Good
55	Culvert	6+460	6+460	RCC Slab	Center	2.0, 1.2	Width, Depth	7.4	Good
56	Causeway	6+590	6+590	Natural Soil	Center	7.0	Height	8.2	Bad
57	Culvert	6+800	6+800	RCC Slab	Center	2.0, 1.4	Width, Depth	7.6	Good
58	Bridge	6+923	6+991	Steel	Center	4.5, 3.2	Width, Height	120.0	Good
59	Culvert	7+010	7+010	RCC Pipe Culvert	Center	0.3	Height	9.2	Fair
60	Side Ditch	7+010	7+027	Concrete	Right Side	0.6, 0.4	Width, Depth	17.0	Good
61	Culvert	7+200	7+200	RCC Slab	Center	0.9, 0.5	Width, Depth	9.1	Good
62	Culvert	7+420	7+420	RCC Slab	Center	3.0, 2.0	Width, Depth	10.4	Good
63	Culvert	7+510	7+510	RCC Slab	Center	2.0, 2.0	Width, Depth	7.7	Good
64	Side Ditch	7+790	7+985	Concrete	Left Side	0.7, 0.6	Width, Depth	195.0	Good
65	Culvert	7+883	7+883	RCC Slab	Center	2.6, 2.0	Width, Depth	9.4	Good
66	Culvert	8+000	8+000	RCC Pipe Culvert	Center	0.5	Diameter	11.1	Good
67	Culvert	8+160	8+160	RCC Slab	Center	1.0, 0.6	Width, Depth	8.1	Good
68	Culvert	8+280	8+280	RCC Slab	Center	1.0, 1.0	Width, Depth	8.5	Good
69	Slope Protection	8+330	8+380	Concrete	Both Side	1.8	Height	50.0	Good
70	Causeway	8+350	8+350	Causeway	Center	10.2	Width	10.2	Good
71	Culvert	8+700	8+700	Culvert	Center	1.0	Diameter	7.3	Good
72	Slope Protection	8+976	9+027	Stone Masonry	Right Side	3.0	Height	3.0	Good
73	Culvert	9+000	9+000	RCC Slab	Center	10.6	Width, Depth	10.6	Good
74	Slope Protection	9+200	9+220	Stone Masonry	Right Side	5.0	Height	20.0	Good
75	Culvert	9+400	9+400	RCC Slab	Center	11.0	Width, Depth	11.0	Good
76	Slope Protection	9+405	9+413	Stone Masonry	Right Side	2.0	Height	8.0	Good
77	Slope Protection	9+448	9+466	Stone Masonry	Right Side	3.0	Height	18.0	Good
78	Culvert	9+565	9+565	RCC Slab	Center	3.2, 2.1	Width, Depth	11.2	Good

79	Culvert	9+570	9+570	RCC Pipe Culvert	Center	0.5	Diameter	11.2	Half Chocked (Not in Use)
80	Slope Protection	9+616	9+654	Concrete + Stone Masonry	Right Side	2.0 to 3.0	Height	28.6	Good
81	Culvert	9+654	9+654	RCC Slab	Center	1.0, 2.5	Width, Depth	8.3	Good (Half Chocked from Left Side)
82	Slope Protection	9+700	9+725	Stone Masonry	Right Side	4.0	Height	25.0	Good
83	Slope Protection	9+700	9+715	RCC Slab	Center	1.0, 1.6	Width, Depth	8.6	Good (Chocked from Left Side)
84	Culvert	9+728	9+728	RCC Slab	Center	1.0, 2.0	Width, Depth	8.0	Fair
85	Culvert	9+800	9+800	RCC Slab	Center	1.0, 1.6	Width, Depth	8.6	Good (Chocked from Left Side)
86	Slope Protection	9+800	9+833	Stone Masonry	Left Side	-	-	33.0	Not Visible
87	Culvert	9+963	9+963	RCC Slab	Center	0.5, 0.4	Width, Depth	9.2	Good
88	Slope Protection	9+835	9+863	Stone Masonry	Right Side	2.0	Height	28.0	Good
89	Culvert	9+847	9+847	RCC Pipe Culvert	Center	0.6	Diameter	12.0	Good
90	Slope Protection	9+847	9+865	Stone Masonry	Left Side	-	-	18.0	Bad
91	Slope Protection	9+963	9+986	Concrete	Left Side	1.0	Height	23.0	Good
92	Slope Protection	9+963	10+003	Stone Masonry	Right Side	2.4	Height	40.0	Good
93	Culvert	10+100	10+100	RCC Slab	Center	1.0, 1.5	Width, Depth	8.5	Good
94	Slope Protection	10+088	10+103	Stone Masonry	Left Side	1.8	Height	15.0	Good
95	Slope Protection	10+405	10+420	Stone Masonry	Right Side	4.0	Height	15.0	Good
96	Culvert	10+420	10+420	RCC Slab	Center	1.0, 1.6	Width, Depth	9.1	Fair
97	Slope Protection	11+352	11+400	Stone Masonry	Left Side	1.6	Height	48.0	Good
98	Culvert	11+374	11+374	RCC Slab	Center	3.0, 3.0	Width, Depth	10.0	Good
99	Slope Protection	11+374	11+404	Stone Masonry	Right Side	3.0	Height	30.0	Good
100	Slope Protection	11+494	11+534	Stone Masonry	Right Side	4.0	Height	40.0	Good
101	Slope Protection	11+557	11+584	Stone Masonry	Right Side	2.5	Height	24.0	Good
102	Slope Protection	11+628	11+668	Stone Masonry	Right Side	2.0	Height	40.0	Good
103	Slope Protection	11+730	11+747	Stone Masonry	Right Side	1.7	Height	17.0	Good
104	Culvert	11+800	11+800	RCC Slab	Center	2.6, 2.6	Width, Depth	8.2	Good
105	Slope Protection	11+789	11+813	Stone Masonry	Left Side	1.0	Height	24.0	Good
106	Slope Protection	11+800	11+816	Stone Masonry	Right Side	2.0	Height	16.0	Good
107	Culvert	11+808	11+808	RCC Pipe Culvert	Center	0.5	Diameter	9.0	Good
108	Slope Protection	11+990	12+000	Stone Masonry	Right Side	1.7	Height	1.7	Good
109	Slope Protection	12+091	12+115	Stone Masonry	Right Side	3.6	Height	24.0	Good
110	Slope Protection	12+184	12+200	Stone Masonry	Right Side	2.7	Height	15.5	Good
111	Culvert	12+200	12+200	RCC Slab	Center	1.0, 1.0	Width, Depth	6.0	Good
112	Slope Protection	12+260	12+300	Concrete + Stone Masonry	Right Side	2.3	Height	40.0	Good
113	Slope Protection	12+428	12+505	Stone Masonry	Center	4.5	Height	4.5	Good
114	Culvert	12+505	12+505	RCC Slab	Center	2.0, 1.5	Width, Depth	15.0	Good
115	Bridge	12+841	12+841	Pre stressed Girder	Center	8.5, 3.2	Width, Height	37.0	Good
116	Culvert	12+979	12+979	RCC Slab	Center	1.0, 2.5	Width, Depth	7.5	Good
117	Slope Protection	12+979	13+000	Stone Masonry	Right Side	1.2	Height	21.0	Good
118	Culvert	13+376	13+376	RCC Slab	Center	1.0, 1.0	Width, Depth	10.5	Good
119	Side Ditch	13+376	13+980	Concrete	Left Side	0.9, 0.5	Width, Depth	604.0	Good (Full of Bushes)
120	Culvert	13+764	13+764	RCC Slab	Center	1.5, 2.0	Width, Depth	9.7	Good
121	Culvert	13+855	13+855	RCC Pipe Culvert	Center	0.5	Diameter	0.5	Good (Chocked)
122	Culvert	14+032	14+032	RCC Slab	Center	1.0, 1.5	Width, Depth	8.1	Good
123	Culvert	14+656	14+656	RCC Pipe Culvert	Center	0.5	Diameter	7.1	Fair
124	Bridge	14+748	14+748	RCC Slab	Center	5.1	Width	12 to 15	Collapse
125	Culvert	15+005	15+005	RCC Slab	Center	2.0, 2.4	Width, Depth	8.3	Good
126	Slope Protection	15+180	15+200	Stone Masonry	Right Side	3.2	Height	20.0	Good
127	Slope Protection	15+300	15+355	Stone Masonry	Right Side	4.7	Height	55.0	Good
128	Culvert	15+400	15+400	RCC Slab	Center	1.0, 1.0	Width, Depth	7.0	Good
129	Slope Protection	15+500	15+571	Stone Masonry	Right Side	6.0	Height	71.0	Good
130	Slope Protection	15+590	15+599	Stone Masonry	Right Side	4.0	Height	9.0	Good
131	Slope Protection	15+654	15+683	Stone Masonry	Right Side	3.0	Height	29.0	Good
132	Culvert	16+014	16+014	RCC Slab	Center	1.7, 2.3	Width, Depth	8.6	Good
133	Culvert	16+941	16+941	RCC Slab	Center	2.0, 1.3	Width, Depth	8.8	Good
134	Slope Protection	17+465	17+600	Concrete	Right Side	2.8	Height	135.0	Good
135	Culvert	18+035	18+035	RCC Slab	Center	1.5, 1.0	Width, Depth	22.5	Good (Half Chocked)
136	Culvert	18+195	18+195	RCC Pipe Culvert	Center	0.9	Diameter	7.1	Good
137	Culvert	18+200	18+200	RCC Pipe Culvert	Center	0.9	Diameter	7.1	Good

138	Slope Protection	18+730	18+795	Concrete	Right Side	1.5	Height	65.0	Good
139	Culvert	18+795	18+795	RCC Slab	Center	1.5, 1.0	Width, Depth	11.0	Good (Chocked)
140	Slope Protection	19+571	19+600	Concrete	Right Side	1.5	Height	29.0	Good
141	Culvert	19+600	19+600	RCC Slab	Center	4.0, 3.0	Width, Depth	20.6	Good

Summary

Item/ Type	Sum	Unit
Slope Protection/ Stone Masonry	1689.7	m
Slope Protection/ Concrete	289.0	m
Slope Protection/ Concrete+Masonry	161.6	m
Culvert/ RCC Slab	46	location
Culvert/ RCC Pipe Culvert	17	location
Causeway	3	location
Side Ditch	13	location
Bridge/ RCC Slab	1	location
Bridge/ Pre Stressed Girder	1	location
Bridge/ Steel	1	location

Road Inventory No.10-1

No	Item	Station		Type	Location	Size		L (m)	Condition
		Start	End			(m)	type		
1	Side Ditch	0+000	0+300	Concrete	Right Side	0.4, 0.4	Width, Depth	300.0	Good
2	Side Ditch	0+000	0+300	Concrete	Left Side	0.4, 0.3	Width, Depth	300.0	Fair
3	Culvert	0+300	0+300	RCC Pipe Culvert	Center	0.5	Diameter	6.0	Fair
4	Culvert	0+300	0+300	Stone Masonry	Center	2.2, 2.7	Width, Height	27.0	Good
5	Slope Protection	0+300	0+307	Stone Masonry	Center	3.0	Height	6.8	Good
6	Culvert	0+950	0+950	RCC Pipe Culvert	Center	0.6	Diameter	5.0	Good
7	Slope Protection	0+950	0+950	Stone Masonry	Center	2.7	Height	68.0	Good
8	Culvert	1+020	1+020	RCC Pipe Culvert	Center	0.6	Diameter	4.5	Good
9	Culvert	1+020	1+020	RCC Slab	Center	3.4, 2.0	Width, Depth	4.5	Good
10	Slope Protection	1+200	1+200	Stone Masonry	Center	28.0	Height	100.0	Good
11	Culvert	1+300	1+300	Stone Masonry	Center	5.0, 3.0	Width, Depth	4.0	Good
12	Slope Protection	2+181	2+200	Stone Masonry	Right Side	27.0	Height	19.0	Good
13	Slope Protection	2+147	2+166	Stone Masonry	Right Side	1.4	Height	21.6	Good
14	Slope Protection	2+256	2+280	Stone Masonry	Right Side	3.0	Height	24.0	Good
15	Side Ditch	2+600	2+900	Concrete	Both Side	0.7, 0.5	Width, Depth	300.0	Fair to Good

Summary

Item/ Type	Sum	Unit
Slope Protection/ Brick Masonry	266.4	m
Culvert/ RCC Pipe Culvert	3.0	location
Culvert/ RCC Slab	1.0	location
Culvert/ Stone Masonry	1.0	location
Side Ditch	3.0	location

Road Inventory No.10-2

No	Item	Station		Type	Location	Size		L (m)	Condition
		Start	End			(m)	type		
1	Bridge	0+640	0+640	RCC Slab	Center	4.0, 5.0	Width, Height	11.0	Collapse
2	Side Ditch	0+017	0+225	Concrete	Right Side	0.5, 0.07	Width, Depth	208.0	Good
3	Culvert	0+147	0+147	RCC Pipe Culvert	Center	0.3	Diameter	4.3	Fair
4	Culvert	0+197	0+197	Plastic Pipe Culvert	Center	0.1	Diameter	3.8	Fair

Summary

Item/ Type	Sum	Unit
Side Ditch	1.0	location

Culvert/ RCC Pipe Culvert	1.0	location
Culvert/ Plastic Pipe Culvert	1.0	location
Bridge/ RCC Slab	1.0	location

Road Inventory No.11

No	Item	Station		Type	Location	Size		L (m)	Condition
		Start	End			(m)	type		
1	Side Ditch	0+340	0+453	Concrete	Right Side	1.0, 0.7	Width, Depth	113.0	Good
2	Culvert	0+400	0+400	RCC Pipe Culvert	Center	4.0	Diameter	14.7	Fair
3	Culvert	0+453	0+453	RCC Slab	Center	0.5, 0.6	Width, Depth	6.7	Fair
4	Side Ditch	0+527	2+415	Concrete	Left Side	1.0, 1.0	Width, Depth	888.0	Good
5	Culvert	0+520	0+520	RCC Slab	Center	1.0, 1.0	Width, Depth	12.8	Good
6	Side Ditch	0+509	1+722	Concrete	Right Side	0.9, 1.0	Width, Depth	1213.0	Good
7	Culvert	1+158	1+158	RCC Pipe Culvert	Center	0.8	Diameter	7.8	Good, But Chocked
8	Culvert	1+682	1+682	RCC Pipe Culvert	Center	1.0	Diameter	10.0	Good
9	Culvert	2+000	2+000	RCC Pipe Culvert	Center	0.8	Diameter	20.0	Good
10	Side Ditch	2+400	3+394	Concrete	Right Side	1.0, 0.5	Width, Depth	988.0	Fair
11	Culvert	2+600	2+600	RCC Pipe Culvert	Center	0.2	Diameter	9.0	Good
12	Culvert	2+778	2+778	RCC Slab	Center	14.0, 1.0	Width, Depth	15.0	Good
13	Side Ditch	2+815	3+338	Kutchha	Left Side	1.8, 1.0	Diameter	523.0	Bad
14	Culvert	3+800	3+800	RCC Slab	Center	1.4, 1.2	Width, Depth	10.2	Good
15	Slope Protection	3+805	3+831	Concrete	Right Side	0.8	Height	26.0	Good
16	Side Ditch	3+857	3+953	Concrete	Left Side	0.8, 1.0	Width, Depth	96.0	Fair
17	Culvert	3+860	3+860	RCC Pipe Culvert	Center	1.3	Diameter	14.4	Bad
18	Culvert	3+953	3+953	RCC Pipe Culvert	Center	0.4	Diameter	13.0	Bad
19	Side Ditch	4+100	4+170	Concrete	Left Side	0.5, 1.0	Width, Depth	70.0	Fair
20	Culvert	4+100	4+100	RCC Pipe Culvert	Center	0.7	Diameter	9.0	Good
21	Side Ditch	4+358	4+440	Concrete	Left Side	0.6, 0.5	Width, Depth	82.0	Fair
22	Culvert	4+366	4+366	Plastic Pipe Culvert	Center	0.2	Diameter	9.7	Good
23	Culvert	4+440	4+440	RCC Pipe Culvert	Center	0.2	Diameter	18.0	Good
24	Culvert	4+580	4+580	RCC Slab	Center	0.5, 0.6	Width, Depth	7.0	Bad, Chocked
25	Side Ditch	4+522	4+600	Concrete	Left Side	0.4, 0.3	Width, Depth	78.0	Good

Summary

Item/ Type	Sum	Unit
Slope Protection/ Concrete	26.0	m
Culvert/ RCC Pipe Culvert	10	location
Culvert/ RCC Slab	4	location
Side Ditch	10	location

Road Inventory No.12

No	Item	Station		Type	Location	Size		L (m)	Condition
		Start	End			(m)	type		
1	Side Ditch	0+000	0+100	Concrete	Right Side	0.9, 0.4	Width, Depth	100.0	Good
2	Slope Protection	0+015	0+042	Stone Masonry	Left Side	1.1	Height	27.0	Good
3	Slope Protection	0+087	0+105	Stone Masonry	Left Side	22.0	Height	18.0	Good
4	Culvert	0+170	0+170	RCC Pipe Culvert	Center	0.4	Diameter	15.0	Good
5	Slope Protection	0+197	0+231	Stone Masonry	Left Side	2.7	Height	34.0	Good
6	Culvert	0+221	0+221	RCC Circular Arch Type	Center	3.2, 2.7	Width, Depth	6.8	Good
7	Side Ditch	0+225	0+240	Stone Masonry	Right Side	1.1, 0.9	Width, Depth	15.0	Good
8	Slope Protection	0+583	0+600	Stone Masonry	Left Side	2.0	Height	17.0	Good
9	Culvert	0+600	0+600	RCC Slab	Center	3.1, 1.5	Width, Depth	9.0	Good
10	Slope Protection	0+665	0+747	Stone Masonry	Center	3.0	Height	82.0	Good
11	Culvert	0+725	0+725	RCC Slab	Center	32.0, 2.0	Width, Depth	9.9	Good
12	Culvert	0+735	0+735	RCC Pipe Culvert	Center	0.5	Diameter	9.6	Good
13	Culvert	0+915	0+915	-	-	-	-	-	Not Visible
14	Culvert	0+985	0+985	RCC Pipe Culvert	Center	-	-	-	Not Visible
15	Slope Protection	1+162	1+185	Stone Masonry	Left Side	2.3	Height	23.0	Good
16	Culvert	1+170	1+170	RCC Slab	Center	3.0, 2.2	Width, Depth	8.2	Good
17	Slope Protection	1+170	1+187	Stone Masonry	Right Side	1.9	Height	17.0	Good

18	Slope Protection	1+558	1+585	Stone Masonry	Left Side	2.0	Height	27.0	Good
19	Culvert	1+570	1+570	RCC Slab	Center	1.0, 1.0	Width, Depth	9.0	Good
20	Slope Protection	1+630	2+000	Stone Masonry	Left Side	2.5	Height	370.0	Good
21	Culvert	1+880	1+880	RCC Pipe Culvert	Center	0.6	Diameter	8.8	Good, But Chocked from Right Side
22	Culvert	2+100	2+100	RCC Slab	Center	3.3, 1.1	Width, Depth	8.6	Good, But Chocked from Left Side
23	Slope Protection	2+100	2+123	Stone Masonry	Left Side	1.0	Height	23.0	Good
24	Slope Protection	2+370	2+700	Stone Masonry	Left Side	2.4	Height	2.4	Good
25	Culvert	2+500	2+500	RCC Slab	Center	2.7, 2.2	Width, Depth	9.4	Good
26	Culvert	2+700	2+700	RCC Slab	Center	3.5, 2.3	Width, Depth	8.3	Good
27	Slope Protection	2+900	2+915	Stone Masonry	Left Side	2.8	Height	15.0	Good
28	Culvert	3+278	3+278	RCC Slab	Center	2.0, 2.1	Width, Depth	8.1	Good
29	Slope Protection	4+000	4+130	Stone Masonry	Left Side	2.8	Height	130.0	Good
30	Culvert	4+068	4+068	RCC Slab	Center	3.0, 2.2	Width, Depth	8.0	Good
31	Slope Protection	4+500	4+565	Stone Masonry	Left Side	5.6	Height	65.0	Good
32	Culvert	4+600	4+600	RCC Pipe Culvert	Center	0.4	Diameter	7.3	Good
33	Slope Protection	4+700	4+725	Stone Masonry	Left Side	2.0	Height	25.0	Good
34	Culvert	4+710	4+710	RCC Slab	Center	2.2, 1.2	Width, Depth	8.4	Good
35	Slope Protection	4+964	4+989	Stone Masonry	Left Side	2.1	Height	25.0	Good
36	Culvert	5+015	5+015	RCC Pipe Culvert	Center	0.3	Diameter	20.0	Fair
37	Culvert	5+100	5+100	RCC Pipe Culvert	Center	0.5	Diameter	8.4	Good, But Chocked from Left Side
38	Culvert	5+300	5+300	RCC Pipe Culvert	Center	7.1	Diameter	7.1	Fully Chocked
39	Slope Protection	5+315	5+395	Stone Masonry	Right Side	3.2	Height	80.0	Good
40	Culvert	5+575	5+575	RCC Slab	Center	2.0	Width	8.1	Good
41	Slope Protection	5+575	5+582	Stone Masonry	Left Side	0.7	Height	7.0	Good
42	Slope Protection	5+578	5+678	Stone Masonry	Right Side	1.7	Height	100.0	Fair to Goof
43	Culvert	5+613	5+613	RCC Pipe Culvert	Center	0.5	Diameter	7.5	Good, but Half Chocked
44	Culvert	5+860	5+860	RCC Pipe Culvert	Center	0.5	Diameter	8.0	Good, But Chocked
45	Culvert	5+965	5+965	RCC Slab	Center	1.0, 0.4	Width, Depth	8.2	Good
46	Culvert	5+985	5+985	RCC Slab	Center	-	-	8.4	Not Visible
47	Culvert	6+040	6+040	RCC Pipe Culvert	Center	0.5	Diameter	7.0	Good
48	Slope Protection	6+026	6+040	Stone Masonry	Left Side	1.8	Height	14.0	Good

Summary

Item/ Type	Sum	Unit
Slope Protection/ Stone Masonry	1101.4	m
Culvert/ RCC Pipe Culvert	11	location
Culvert/ RCC Slab	13	location
Side Ditch	2	location

Road Inventory No.13

No	Item	Station		Type	Location	Size		L (m)	Condition
		Start	End			(m)	type		
1	Slope Protection	0+014	0+154	Concrete	Right Side	3.2	Height	126.0	Good
2	Side Ditch	0+125	0+311	Concrete	Left Side	0.4, 0.5	Width, Depth	186.0	Good
3	Slope Protection	0+231	0+400	Concrete	Right Side	2.2	Height	169.0	Good
4	Bridge	0+400	0+400	Stone Masonry	Center	6.7, 4.1	Width, Height	10.0	Good (Wall are Cracked a Bit)
5	Side Ditch	0+400	0+623	Concrete	Left Side	0.4, 0.3	Width, Depth	223.0	Good
6	Culvert	0+606	0+606	RCC Slab	Center	0.4, 0.5	Width, Depth	8.0	Good
7	Side Ditch	0+800	1+147	Concrete	Left Side	0.6, 0.6	Width, Depth	347.0	Good
8	Slope Protection	0+800	0+817	Concrete	Right Side	0.9	Height	17.0	Good
9	Side Ditch	0+825	0+962	Concrete	Right Side	1.2, 1.6	Width, Depth	137.0	Good
10	Slope Protection	0+962	3+333	Concrete	Right Side	1.0	Height	2371.0	Good
11	Culvert	1+100	1+100	RCC Pipe Culvert	Center	0.6	Diameter	7.4	Good
12	Side Ditch	1+400	1+473	Concrete	Left Side	0.4, 0.5	Width, Depth	73.0	Good
13	Culvert	1+410	1+410	RCC Slab	Center	1.0, 0.9	Width, Depth	8.0	Good (Cover with Bushes)
14	Side Ditch	1+550	2+000	Concrete	Left Side	0.5, 0.6	Width, Depth	450.0	Good

15	Culvert	1+573	1+573	RCC Slab	Center	1.5, 1.0	Width, Depth	10.0	Good
16	Culvert	1+710	1+710	RCC Slab	Center	2.0, 0.7	Width, Depth	10.0	Good
17	Culvert	2+000	2+000	RCC Slab	Center	1.4, 1.0	Width, Depth	9.6	Good
18	Bridge	2+359	2+359	RCC Slab	Center	7.4, 4.2	Width, Depth	6.3	Good
19	Culvert	2+800	2+800	RCC Pipe Culvert	Center	1.5, 1.0	Width, Depth	9.7	Good
20	Slope Protection	2+960	3+100	Concrete	Left Side	1.4	Height	140.0	Good
21	Culvert	3+000	3+000	RCC Slab	Center	1.5, 2.0	Width, Depth	8.4	Good
22	Bridge	3+300	3+300	RCC Slab	Center	7.2, 5.8	Width, Height	9.7	Good
23	Slope Protection	3+300	3+400	Concrete	Left Side	2.5	Height	100.0	Good
24	Side Ditch	3+420	4+220	Concrete	Left Side	0.9, 0.9	Width, Depth	800.0	Good
25	Side Ditch	3+800	3+900	RCC Slab	Left Side	0.6, 1.1	Width, Depth	300.0	Good
26	Culvert	3+850	3+850	RCC Slab	Center	1.3, 0.9	Width, Depth	4.1	Good
27	Culvert	4+100	4+100	RCC Slab	Center	1.2, 1.0	Width, Depth	7.9	Good (Chocked from Right Side)
28	Slope Protection	4+025	4+190	Concrete	Right Side	0.9	Height	165.0	Good
29	Culvert	4+277	4+277	RCC Pipe Culvert	Center	0.6	Diameter	7.6	Good
30	Culvert	4+300	4+300	RCC Pipe Culvert	Center	0.6	Diameter	7.0	Good (Chocked)
31	Slope Protection	4+360	4+411	Concrete	Both Side	2.7	Height	51.0	Good
32	Side Ditch	4+360	6+630	Concrete	Left Side	0.5, 0.4	Width, Depth	270.0	Good
33	Bridge	4+411	4+411	Prestressed Girder Bridge	Center	7.3, 6.0	Width, Height	28.0	Good
34	Slope Protection	4+411	4+573	Concrete	Right Side	3.5	Height	132.0	Good
35	Slope Protection	4+700	4+900	Concrete	Right Side	5.0	Height	200.0	Good
36	Culvert	4+900	4+900	RCC Slab	Center	2.5, 1.5	Width, Depth	7.5	Good
37	Culvert	5+085	5+085	RCC Slab	Center	1.6, 2.5	Width, Depth	9.1	Good
38	Side Ditch	5+085	5+451	Concrete	Left Side	0.6, 0.8	Width, Depth	366.0	Good
39	Slope Protection	5+200	5+259	Concrete	Center	0.8	Height	59.0	Good
40	Culvert	5+259	5+259	RCC Slab	Center	1.2, 1.6	Width, Depth	9.0	Good (Chocked from Right Side)
41	Bridge	5+453	5+453	RCC Slab	Center	7.3, 2.6	Width, Height	11.0	Good
42	Slope Protection	5+464	5+482	Stone Masonry	Left Side	2.5	Height	18.0	Good
43	Slope Protection	5+464	5+484	Stone Masonry	Right Side	2.5	Height	20.0	Good
44	Culvert	5+681	5+681	RCC Slab	Center	1.2	Width	8.2	Good
45	Culvert	5+777	5+777	RCC Pipe Culvert	Center	0.6	Diameter	9.0	Good
46	Slope Protection	5+777	5+837	Concrete	Right Side	3.0	Height	60.0	Good
47	Side Ditch	6+200	6+750	Concrete	Left Side	0.85, 0.6	Width, Depth	550.0	Good
48	Culvert	6+338	6+338	RCC Slab	Center	1.3, 1.4	Width, Depth	8.5	Good (Chocked from Left Side)
49	Culvert	6+752	6+752	RCC Slab	Center	-	-	13.0	Not Visible
50	Irrigation Canal	6+750	7+050	Irrigation Canal	Right Side	2.3, 1.2	Width, Depth	300.0	Good
51	Culvert	6+785	6+785	RCC Pipe Culvert	Center	0.6	Diameter	9.4	Good
52	Culvert	6+887	6+887	RCC Slab	Center	1.5, 1.0	Width, Depth	7.7	Good
53	Culvert	7+200	7+200	RCC Slab	Center	1.2, 0.9	Width, Depth	8.8	Good
54	Culvert	7+395	7+395	RCC Slab	Center	2.0, 1.2	Width, Depth	8.0	Good
55	Side Ditch	7+533	7+880	Concrete	Left Side	0.6, 0.7	Width, Depth	347.0	Good
56	Culvert	7+533	7+533	RCC Slab	Center	0.9, 0.7	Width, Depth	7.6	Good
57	Culvert	7+800	7+800	Arch Type Stone Masonry	Center	1.7, 0.7	Width, Depth	9.0	Good
58	Side Ditch	7+827	8+128	Concrete	Right Side	0.6, 0.04	Width, Depth	301.0	Fair to Good
59	Culvert	7+827	7+827	RCC Pipe Culvert	Center	0.6	Diameter	16.4	Good
60	Culvert	8+090	8+090	RCC Slab	Center	1.9, 1.1	Width, Depth	9.2	Good
61	Culvert	8+361	8+361	RCC Pipe Culvert	Center	0.6	Diameter	11.0	Good
62	Side Ditch	8+361	8+464	Concrete	Right Side	0.6, 0.5	Width, Depth	103.0	Good
63	Culvert	8+525	8+525	RCC Pipe Culvert	Center	0.6	Diameter	7.4	Good
64	Culvert	8+800	8+800	RCC Slab	Center	0.6, 0.5	Width, Depth	7.6	Fair to Good
65	Slope Protection	8+975	9+128	Concrete	Right Side	4.5	Height	153.0	Good (Broken at the Middle Section)
66	Culvert	8+993	8+993	RCC Pipe Culvert	Center	0.9	Diameter	8.0	Good
67	Culvert	9+128	9+128	RCC Slab	Center	3.8, 4.0	Width, Depth	7.5	Good
68	Culvert	9+200	9+200	RCC Pipe Culvert	Center	0.6	Diameter	9.4	Good
69	Slope Protection	9+200	9+200	Concrete	Center	2.5	Height	9.4	Fair to Good (Broken at some Point)
70	Slope Protection	9+255	9+355	Concrete	Right Side	4.0	Height	100.0	Good
71	Culvert	9+360	9+360	RCC Slab	Center	1.2, 0.6	Width, Depth	8.0	Good (Chocked with Broken Stone)

72	Side Ditch	9+785	9+850	Concrete	Right Side	0.5, 0.5	Width, Depth	65.0	Good
73	Bridge	10+050	10+095	Arch Type RCC Bridge	Left Side	3.8, 5.0	Width, Height	3.8, 5.0	Good
74	Bridge	10+050	10+095	Prestressed Girder Bridge	Right Side	3.7, 4.5	Width, Height	3.7, 4.5	Good
75	Slope Protection	10+095	10+190	Stone Masonry	Right Side	4.2	Height	95.0	Good
76	Slope Protection	10+095	10+250	Stone Masonry	Left Side	2.5	Height	155.0	Good
77	Culvert	10+200	10+200	RCC Pipe Culvert	Center	0.7	Diameter	9.7	Good
78	Side Ditch	10+205	10+927	Concrete	Right Side	0.7,0.5	Width, Depth	722.0	Good
79	Slope Protection	10+410	10+422	Stone Masonry	Left Side	1.2	Height	12.0	Good
80	Slope Protection	10+304	10+343	Stone Masonry	Left Side	1.6	Height	39.0	Good
81	Culvert	10+315	10+315	RCC Slab	Center	1.2, 1.0	Width, Depth	6.6	Good
82	Slope Protection	10+621	10+728	Stone Masonry	Left Side	3.3	Height	107.0	Good
83	Culvert	10+700	10+700	RCC Slab	Center	1.8, 3.4	Width, Depth	8.0	Good
84	Culvert	10+827	10+827	RCC Slab	Center	1.5, 2.0	Width, Depth	6.6	Good
85	Slope Protection	10+900	10+938	Stone Masonry	Left Side	2.7	Height	38.0	Good
86	Slope Protection	11+000	11+374	Stone Masonry	Left Side	2.4	Height	374.0	Good
87	Culvert	11+056	11+056	RCC Slab	Center	1.3, 1.0	Width, Depth	7.3	Good
88	Side Ditch	11+056	11+338	Concrete	Right Side	0.7, 0.5	Width, Depth	282.0	Good
89	Culvert	11+423	11+423	RCC Slab	Center	1.3, 2.2	Width, Depth	7.2	Good
90	Slope Protection	11+423	11+490	Stone Masonry	Left Side	1.0	Height	164.0	Good
91	Side Ditch	11+423	11+490	Concrete	Right Side	0.7, 0.3	Height	67.0	Good (Chocked)
92	Culvert	11+552	11+552	RCC Slab	Center	2.5, 3.4	Width, Depth	9.0	Good
93	Slope Protection	11+700	11+788	Stone Masonry	Left Side	2.5	Height	88.0	Good
94	Slope Protection	11+845	11+872	Stone Masonry	Left Side	3.0	Height	27.0	Good
95	Slope Protection	11+858	11+858	RCC Slab	Center	3.3, 2.4	Width, Depth	8.0	Good
96	Slope Protection	11+900	11+954	Stone Masonry	Left Side	2.1	Height	54.0	Good
97	Slope Protection	12+020	12+437	Stone Masonry	Left Side	2.9	Height	417.0	Good
98	Slope Protection	12+150	12+300	Stone Masonry	Right Side	2.1	Height	150.0	Good
99	Slope Protection	12+516	12+553	Stone Masonry	Right Side	1.5	Height	37.0	Good
100	Bridge	12+526	12+526	Stone Masonry	Right Side	8.8, 6.1	Width, Height	22.0	Good
101	Side Ditch	12+553	12+700	Concrete	Right Side	0.6, 0.4	Width, Depth	147.0	Good
102	Slope Protection	12+587	12+622	Stone Masonry	Left Side	1.4	Height	35.0	Good
103	Culvert	12+615	12+615	RCC Slab	Center	1.5, 2.5	Width, Depth	7.5	Good
104	Culvert	12+622	12+622	RCC Pipe Culvert	Center	0.6	Diameter	9.6	Good
105	Slope Protection	13+000	13+034	Stone Masonry	Left Side	1.2	Height	34.0	Good
106	Culvert	13+200	13+200	RCC Pipe Culvert	Center	0.6	Diameter	10.0	Good
107	Slope Protection	13+221	13+230	Stone Masonry	Left Side	3.5	Height	9.0	Good
108	Culvert	13+378	13+378	RCC Slab	Center	2.7, 1.4	Width, Depth	8.4	Good
109	Slope Protection	13+364	13+391	Stone Masonry	Left Side	2.5	Height	27.0	Good
110	Slope Protection	13+393	13+500	Stone Masonry	Left Side	5.0	Height	393.0	Good
111	Culvert	13+500	13+500	RCC Pipe Culvert	Center	0.6	Diameter	0.6	Good (Chocked)
112	Side Ditch	13+520	14+787	Concrete	Right Side	0.7, 0.4	Width, Depth	1267.0	Good
113	Culvert	13+520	13+520	RCC Pipe Culvert	Center	0.6	Diameter	7.4	Good (Half Chocked)
114	Culvert	13+877	13+877	RCC Slab	Center	2.5, 5.1	Width, Depth	8.1	Good
115	Culvert	13+988	13+988	RCC Slab	Center	2.0, 2.2	Width, Depth	5.0	Good
116	Slope Protection	13+988	14+343	Stone Masonry	Left Side	3.0	Height	3.0	Good
117	Culvert	14+220	14+220	RCC Pipe Culvert	Center	0.6	Diameter	8.2	Good
118	Culvert	14+343	14+343	RCC Pipe Culvert	Center	0.6	Diameter	8.2	Good
119	Culvert	14+408	14+408	RCC Pipe Culvert	Center	0.3	Diameter	8.5	Fair
120	Culvert	14+435	14+435	RCC Slab	Center	4.3, 4.0	Width, Height	8.0	Good
121	Slope Protection	14+492	14+535	Stone Masonry	Left Side	4.5	Height	43.0	Good (Broken at the End Point with Bridge)
122	Slope Protection	14+600	14+900	Stone Masonry	Left Side	2.0	Height	300.0	Good
123	Culvert	14+700	14+700	RCC Pipe Culvert	Center	0.9	Diameter	10.0	Good
124	Culvert	14+760	14+760	RCC Pipe Culvert	Center	0.6	Diameter	7.6	Good (Chocked)
125	Culvert	14+790	14+790	RCC Slab	Center	3.5, 3.5	Width, Depth	9.0	Good
126	Culvert	14+885	14+885	RCC Pipe Culvert	Center	0.6	Diameter	9.6	Good
127	Side Ditch	14+885	15+430	Concrete	Left Side	0.7, 0.6	Width, Depth	545.0	Fair to Good
128	Slope Protection	15+000	15+430	Stone Masonry	Left Side	2.5	Height	430.0	Good
129	Culvert	15+050	15+050	RCC Circular Culvert	Center	3.6, 5.0	Width, Depth	8.0	Good
130	Culvert	15+255	15+255	RCC Pipe Culvert	Center	0.6	Diameter	9.0	Good
131	Culvert	15+430	15+430	RCC Pipe Culvert	Center	0.4	Diameter	9.1	Good (Chocked from Right Side)

132	Slope Protection	15+595	15+651	Stone Masonry	Left Side	3.3	Height	56.0	Good
133	Culvert	15+711	15+711	RCC Slab	Center	2.5, 3.2	Width, Depth	8.7	Good (Chocked from Right Side)
134	Culvert	15+767	15+767	RCC Pipe Culvert	Center	2.4, 3.3	Width, Depth	7.5	Good
135	Culvert	15+891	15+891	RCC Pipe Culvert	Center	0.5	Diameter	10.0	Good
136	Culvert	15+905	15+905	RCC Pipe Culvert	Center	0.6	Diameter	7.8	Good
137	Culvert	15+960	15+960	RCC Pipe Culvert	Center	0.6	Diameter	7.5	Good (Chocked from Right Side)
138	Slope Protection	16+115	16+416	Concrete	Right Side	2.5	Height	301.0	Good
139	Culvert	16+200	16+200	RCC Pipe Culvert	Center	0.6	Diameter	8.5	Good
140	Culvert	16+290	16+290	RCC Pipe Culvert	Center	0.3	Diameter	8.3	Good
141	Side Ditch	16+290	16+400	Concrete	Right Side	0.6, 0.3	Width, Depth	110.0	Good
142	Culvert	16+416	16+416	RCC Circular Culvert	Center	4.5, 4.5	Width, Depth	5.0	Good (Minor Crack in Wall)
143	Culvert	16+495	16+495	RCC Pipe Culvert	Center	0.6	Diameter	7.0	Good (Chocked from Right Side)
144	Culvert	16+616	16+616	RCC Pipe Culvert	Center	0.9	Diameter	9.0	Good
145	Culvert	16+800	16+800	RCC Slab	Center	4.5, 4.6	Width, Depth	4.5, 4.6	Good
146	Slope Protection	16+776	16+810	Concrete	Left Side	2.7	Height	34.0	Good
147	Culvert	16+886	16+886	RCC Pipe Culvert	Center	0.5	Diameter	8.6	Not Visible
148	Culvert	17+187	17+187	RCC Slab	Center	4.3, 4.5	Width, Depth	7.3	Good
149	Side Ditch	17+187	17+287	Concrete	Right Side	0.3, 0.4	Width, Depth	40.0	Good
150	Slope Protection	17+300	17+379	Concrete	Left Side	1.7	Height	79.0	Good
151	Culvert	17+295	17+295	RCC Pipe Culvert	Center	0.5	Diameter	8.0	Good
152	Culvert	17+600	17+600	RCC Arch	Center	3.0, 1.4	Width, Depth	5.3	Good
153	Slope Protection	17+600	17+608	Stone Masonry	Left Side	2.5	Height	2.5	Good
154	Culvert	17+782	17+782	RCC Pipe Culvert	Center	.3 and 0.	Diameter	10.0	Good
155	Slope Protection	17+708	17+758	Concrete	Left Side	2.5	Height	50.0	Good
156	Slope Protection	17+800	17+943	Concrete	Left Side	2.9	Height	143.0	Good
157	Culvert	17+830	17+830	RCC Slab	Center	1.5, 1.2	Width, Depth	6.3	Good (Chocked from Right Side)
158	Slope Protection	18+047	18+210	Concrete	Left Side	2.0	Height	63.0	Good
159	Side Ditch	18+076	18+100	Concrete	Right Side	1.0, 0.3	Width, Depth	24.0	Good
160	Culvert	18+100	18+100	RCC Pipe Culvert	Center	0.6	Diameter	7.0	Fair (Broken at End)
161	Culvert	18+210	18+210	RCC Slab	Center	3.4, 2.0	Width, Depth	7.4	Good
162	Slope Protection	18+265	18+313	Concrete	Left Side	4.8	Height	48.0	Good
163	Slope Protection	18+436	18+500	Stone Masonry	Left Side	5.5	Height	64.0	Good
164	Side Ditch	18+210	18+410	Concrete	Right Side	0.6, 0.3	Width, Depth	200.0	Good
165	Side Ditch	18+550	18+635	Concrete	Left Side	0.6, 0.3	Width, Depth	85.0	Good
166	Slope Protection	18+625	18+655	Concrete	Left Side	3.0	Height	30.0	Good
167	Culvert	18+635	18+635	RCC Pipe Culvert	Center	0.9	Diameter	9.0	Good
168	Slope Protection	18+778	18+789	Concrete	Left Side	3.0	Height	11.0	Good
169	Slope Protection	18+810	18+817	Concrete	Left Side	2.7	Height	7.0	Good
170	Culvert	18+925	18+925	RCC Slab	Center	3.4, 1.8	Width, Depth	8.0	Good
171	Slope Protection	18+925	18+989	Concrete	Left Side	3.2	Height	3.2	Good
172	Side Ditch	18+925	19+294	Concrete	Right Side	0.6, 0.5	Width, Depth	369.0	Good
173	Culvert	19+200	19+200	RCC Pipe Culvert	Center	0.6	Diameter	10.0	Good
174	Slope Protection	19+200	19+244	Concrete	Left Side	2.0	Height	44.0	Good
175	Slope Protection	19+400	19+486	Concrete	Left Side	2.6	Height	86.0	Good
176	Culvert	19+460	19+460	RCC Pipe Culvert	Center	0.9	Diameter	10.0	Fair to Good (Broken at End)
177	Slope Protection	19+600	19+619	Concrete	Left Side	3.2	Height	19.0	Good
178	Culvert	19+594	19+594	RCC Slab	Center	1.3, 0.9	Width, Depth	19.0	Good
179	Culvert	19+814	19+814	RCC Slab	Center	1.3, 0.9	Width, Depth	10.0	Good
180	Side Ditch	19+820	20+014	Concrete	Right Side	0.8, 0.6	Width, Depth	194.0	Good
181	Culvert	19+930	19+930	RCC Pipe Culvert	Center	0.2	Diameter	9.0	Good (Chocked from Right Side)
182	Culvert	20+014	20+014	RCC Pipe Culvert	Center	0.2	Diameter	7.0	Good (Chocked from Right Side)
183	Bridge	20+400	20+400	RCC Rectangular Girder Bridge	Center	7.0, 4.8	Width, Depth	10.0	Good
184	Slope Protection	20+479	20+586	Concrete	Left Side	2.9	Height	107.0	Good
185	Culvert	20+586	20+586	RCC Pipe Culvert	Center	0.6	Diameter	8.5	Good (Almost Chocked from Right Side)

Summary

Item/ Type	Sum	Unit
Slope Protection/ Concrete	5145.4	m
Slope Protection/ Stone Masonry	3211.0	m
Slope Protection/ RCC Slab	8.0	m
Culvert/ RCC Slab	42	location
Culvert/ RCC Pipe Culvert	42	location
Culvert/ RCC Circular Culvert	3	location
Culvert/ Arch Type Stone Masonry	1	location
Side Ditch	28	location
Bridge/ Stone Masonry	2	location
Bridge/ RCC Slab	3	location
Bridge/ Prestressed Bridge	2	location
Bridge/ RCC Girder Bridge	1	location
Bridge/ Arch Type	1	location

【Appendix Road-5】

Data of Cost Estimation for Road Sector

Road No	Road Name	Length (Km)	Cost (Ks)	District
1	Kakul to Dana via Balolia with link to Jabbi	9.16	980,730,790	Abbottabad
2	Link Road to Sherwan Road	10.71	1,098,558,059	Abbottabad
3	Banda Ali Khan to Shahkot Main Road	8.84	913,884,574	Abbottabad
4	Takia Hall to Beer Pid Gali Road	20.35	2,077,330,882	Abbottabad
5	GS Marble to Lewganai Road Buner	33.43	3,754,859,696	Buner
6	Kankawai to Dandar Road	25.11	2,820,356,774	Buner
7	Indua View Road from Dhappan Wala Morto Mian Bakhar Road	4.19	444,715,316	Dera Ismail Khan
8	Ramak to Chodwan Road	48.17	5,058,905,191	Dera Ismail Khan
9	Balakot to Ghar Habibullah Road	20.66	2,265,597,913	Mansehra
10-1	Chakia Farsh to Khushala and Mattan Wali Ziarat Khusala Hayana Road-1	4.21	467,043,938	Mansehra
10-2	Chakia Farsh to Khushala and Mattan Wali Ziarat Khusala Hayana Road-2	0.85	93,964,914	Mansehra
11	Rano Galhi to Budni Village Peshawar	4.84	498,742,297	Peshawar
12	Langar to Archillai Road	6.04	645,985,910	Swat
13	Pie Kalay to Shawar Road	21.36	2,358,803,623	Swat

1 Kakul to Dana via Balolia with link to Jabbi

Typical Cross Section	Unit price	Length	Amount	Remarks
	(Rs/Km)	(Km)	(Rs)	
Asphalt Pavement (Plain zone)	86,230,903	4.76	410,459,098	
Asphalt Pavement (Mountain zone)	81,155,106	0.20	16,231,021	
Cement Concrete Pavement (Plain zone)	85,655,476	0.00	0	
Cement Concrete Pavement (Mountain zone)	88,119,371	4.20	370,101,358	
Total Amount (A)		9.16	796,791,478	
Area Factor (B)	3 %		23,903,744	Abbottabad
Net Total Amount(A+B)=C			820,695,222	
General Item	19.5 %		160,035,568	Contractor Profit 10%+Overhed 2%+Income Tax 7.5%
Grand Total Amount (C+D)			980,730,790	
Total Amount (Rs/Km))			107,066,680	

2 Link Road to Sherwan Road

Typical Cross Section	Unit price	Length	Amount	Remarks
	(Rs/Km)	(Km)	(Rs)	
Asphalt Pavement (Plain zone)	86,230,903	4.60	396,662,154	
Asphalt Pavement (Mountain zone)	81,155,106	6.11	495,857,698	
Cement Concrete Pavement (Plain zone)	85,655,476	0.00	0	
Cement Concrete Pavement (Mountain zone)	88,119,371	0.00	0	
Total Amount (A)		10.71	892,519,851	
Area Factor (B)	3 %		26,775,596	Abbottabad
Net Total Amount(A+B)=C			919,295,447	
General Item	19.5 %		179,262,612	Contractor Profit 10%+Overhed 2%+Income Tax 7.5%
Grand Total Amount (C+D)			1,098,558,059	
Total Amount (Rs/Km))			102,573,115	

3 Banda Ali Khan to Shakhkot Main Road

Typical Cross Section	Unit price	Length	Amount	Remarks
	(Rs/Km)	(Km)	(Rs)	
Asphalt Pavement (Plain zone)	86,230,903	0.00	0	
Asphalt Pavement (Mountain zone)	81,155,106	5.24	425,252,755	
Cement Concrete Pavement (Plain zone)	85,655,476	0.00	0	
Cement Concrete Pavement (Mountain zone)	88,119,371	3.60	317,229,736	
Total Amount (A)		8.84	742,482,491	
Area Factor (B)	3 %		22,274,475	Abbottabad
Net Total Amount(A+B)=C			764,756,966	
General Item	19.5 %		149,127,608	Contractor Profit 10%+Overhed 2%+Income Tax 7.5%
Grand Total Amount (C+D)			913,884,574	
Total Amount (Rs/Km))			103,380,608	

4 Takia Hall to Beer Pid Gali Road

Typical Cross Section	Unit price	Length	Amount	Remarks
	(Rs/Km)	(Km)	(Rs)	
Asphalt Pavement (Plain zone)	86,230,903	0.00	0	
Asphalt Pavement (Mountain zone)	81,155,106	15.15	1,229,499,856	
Cement Concrete Pavement (Plain zone)	85,655,476	0.00	0	
Cement Concrete Pavement (Mountain zone)	88,119,371	5.20	458,220,729	
Total Amount (A)		20.35	1,687,720,585	
Area Factor (B)	3 %		50,631,618	Abbottabad
Net Total Amount(A+B)=C			1,738,352,203	
General Item	19.5 %		338,978,680	Contractor Profit 10%+Overhed 2%+Income Tax 7.5%
Grand Total Amount (C+D)			2,077,330,882	
Total Amount (Rs/Km))			102,080,142	

5 GS Marble to Lewganai Road Buner

Typical Cross Section	Unit price	Length	Amount	Remarks
	(Rs/Km)	(Km)	(Rs)	
Asphalt Pavement (Plain zone)	86,230,903	33.43	2,882,699,087	
Asphalt Pavement (Mountain zone)	81,155,106	0.00	0	
Cement Concrete Pavement (Plain zone)	85,655,476	0.00	0	
Cement Concrete Pavement (Mountain zone)	88,119,371	0.00	0	
Total Amount (A)		33.43	2,882,699,087	
Area Factor (B)	9 %		259,442,918	Buner
Net Total Amount(A+B)=C			3,142,142,005	
General Item	19.5 %		612,717,691	Contractor Profit 10%+Overhed 2%+Income Tax 7.5%
Grand Total Amount (C+D)			3,754,859,696	
Total Amount (Rs/Km))			112,320,063	

6 Kankawai to Dandar Road

Typical Cross Section	Unit price	Length	Amount	Remarks
	(Rs/Km)	(Km)	(Rs)	
Asphalt Pavement (Plain zone)	86,230,903	25.11	2,165,257,974	
Asphalt Pavement (Mountain zone)	81,155,106	0.00	0	
Cement Concrete Pavement (Plain zone)	85,655,476	0.00	0	
Cement Concrete Pavement (Mountain zone)	88,119,371	0.00	0	
Total Amount (A)		25.11	2,165,257,974	
Area Factor (B)	9 %		194,873,218	Buner
Net Total Amount(A+B)=C			2,360,131,192	
General Item	19.5 %		460,225,582	Contractor Profit 10%+Overhed 2%+Income Tax 7.5%
Grand Total Amount (C+D)			2,820,356,774	
Total Amount (Rs/Km))			112,320,063	

7 Indua View Road from Dhappan Wala Morto Mian Bakhar Road

Typical Cross Section	Unit price	Length	Amount	Remarks
	(Rs/Km)	(Km)	(Rs)	
Asphalt Pavement (Plain zone)	86,230,903	4.19	361,307,484	
Asphalt Pavement (Mountain zone)	81,155,106	0.00	0	
Cement Concrete Pavement (Plain zone)	85,655,476	0.00	0	
Cement Concrete Pavement (Mountain zone)	88,119,371	0.00	0	
Total Amount (A)		4.19	361,307,484	
Area Factor (B)	3 %		10,839,225	Dera Ismail Khan
Net Total Amount(A+B)=C			372,146,708	
General Item	19.5 %		72,568,608	Contractor Profit 10%+Overhed 2%+Income Tax 7.5%
Grand Total Amount (C+D)			444,715,316	
Total Amount (Rs/Km))			106,137,307	

8 Ramak to Chodwan Road

Typical Cross Section	Unit price	Length	Amount	Remarks
	(Rs/Km)	(Km)	(Rs)	
Asphalt Pavement (Plain zone)	86,230,903	39.57	3,412,156,832	
Asphalt Pavement (Mountain zone)	81,155,106	8.60	697,933,912	
Cement Concrete Pavement (Plain zone)	85,655,476	0.00	0	
Cement Concrete Pavement (Mountain zone)	88,119,371	0.00	0	
Total Amount (A)		48.17	4,110,090,743	
Area Factor (B)	3 %		123,302,722	Dera Ismail Khan
Net Total Amount(A+B)=C			4,233,393,466	
General Item	19.5 %		825,511,726	Contractor Profit 10%+Overhed 2%+Income Tax 7.5%
Grand Total Amount (C+D)			5,058,905,191	
Total Amount (Rs/Km))			105,021,906	

9 Balakot to Ghar Habibullah Road

Typical Cross Section	Unit price	Length	Amount	Remarks
	(Rs/Km)	(Km)	(Rs)	
Asphalt Pavement (Plain zone)	86,230,903	14.46	1,246,898,857	
Asphalt Pavement (Mountain zone)	81,155,106	5.00	405,775,530	
Cement Concrete Pavement (Plain zone)	85,655,476	1.20	102,786,571	
Cement Concrete Pavement (Mountain zone)	88,119,371	0.00	0	
Total Amount (A)		20.66	1,755,460,959	
Area Factor (B)	8 %		140,436,877	Mansehra
Net Total Amount(A+B)=C			1,895,897,835	
General Item	19.5 %		369,700,078	Contractor Profit 10%+Overhed 2%+Income Tax 7.5%
Grand Total Amount (C+D)			2,265,597,913	
Total Amount (Rs/Km))			109,661,080	

10-1 Chakia Farsh to Khushala and Mattan Wali Ziarat Khusala Hayana Road-1

Typical Cross Section	Unit price	Length	Amount	Remarks
	(Rs/Km)	(Km)	(Rs)	
Asphalt Pavement (Plain zone)	86,230,903	2.21	190,570,296	
Asphalt Pavement (Mountain zone)	81,155,106	0.00	0	
Cement Concrete Pavement (Plain zone)	85,655,476	2.00	171,310,952	
Cement Concrete Pavement (Mountain zone)	88,119,371	0.00	0	
Total Amount (A)		4.21	361,881,248	
Area Factor (B)	8 %		28,950,500	Mansehra
Net Total Amount(A+B)=C			390,831,747	
General Item	19.5 %		76,212,191	Contractor Profit 10%+Overhed 2%+Income Tax 7.5%
Grand Total Amount (C+D)			467,043,938	
Total Amount (Rs/Km))			110,936,802	

10-2 Chakia Farsh to Khushala and Mattan Wali Ziarat Khusala Hayana Road-2

Typical Cross Section	Unit price	Length	Amount	Remarks
	(Rs/Km)	(Km)	(Rs)	
Asphalt Pavement (Plain zone)	86,230,903	0.00	0	
Asphalt Pavement (Mountain zone)	81,155,106	0.00	0	
Cement Concrete Pavement (Plain zone)	85,655,476	0.85	72,807,155	
Cement Concrete Pavement (Mountain zone)	88,119,371	0.00	0	
Total Amount (A)		0.85	72,807,155	
Area Factor (B)	8 %		5,824,572	Mansehra
Net Total Amount(A+B)=C			78,631,727	
General Item	19.5 %		15,333,187	Contractor Profit 10%+Overhed 2%+Income Tax 7.5%
Grand Total Amount (C+D)			93,964,914	
Total Amount (Rs/Km))			110,546,957	

11 Rano Galhi to Budni Village Peshawar

Typical Cross Section	Unit price	Length	Amount	Remarks
	(Rs/Km)	(Km)	(Rs)	
Asphalt Pavement (Plain zone)	86,230,903	4.84	417,357,571	
Asphalt Pavement (Mountain zone)	81,155,106	0.00	0	
Cement Concrete Pavement (Plain zone)	85,655,476	0.00	0	
Cement Concrete Pavement (Mountain zone)	88,119,371	0.00	0	
Total Amount (A)		4.84	417,357,571	
Area Factor (B)	0 %		0	Peshawar
Net Total Amount(A+B)=C			417,357,571	
General Item	19.5 %		81,384,726	Contractor Profit 10%+Overhed 2%+Income Tax 7.5%
Grand Total Amount (C+D)			498,742,297	
Total Amount (Rs/Km))			103,045,929	

12 Langar to Archillai Road

Typical Cross Section	Unit price	Length	Amount	Remarks
	(Rs/Km)	(Km)	(Rs)	
Asphalt Pavement (Plain zone)	86,230,903	2.04	175,911,042	
Asphalt Pavement (Mountain zone)	81,155,106	4.00	324,620,424	
Cement Concrete Pavement (Plain zone)	85,655,476	0.00	0	
Cement Concrete Pavement (Mountain zone)	88,119,371	0.00	0	
Total Amount (A)		6.04	500,531,466	
Area Factor (B)	8 %		40,042,517	Swat
Net Total Amount(A+B)=C			540,573,983	
General Item	19.5 %		105,411,927	Contractor Profit 10%+Overhed 2%+Income Tax 7.5%
Grand Total Amount (C+D)			645,985,910	
Total Amount (Rs/Km))			106,951,310	

13 Pie Kalay to Shawar Road

Typical Cross Section	Unit price	Length	Amount	Remarks
	(Rs/Km)	(Km)	(Rs)	
Asphalt Pavement (Plain zone)	86,230,903	18.56	1,600,445,560	
Asphalt Pavement (Mountain zone)	81,155,106	2.80	227,234,297	
Cement Concrete Pavement (Plain zone)	85,655,476	0.00	0	
Cement Concrete Pavement (Mountain zone)	88,119,371	0.00	0	
Total Amount (A)		21.36	1,827,679,856	
Area Factor (B)	8 %		146,214,389	Swat
Net Total Amount(A+B)=C			1,973,894,245	
General Item	19.5 %		384,909,378	Contractor Profit 10%+Overhed 2%+Income Tax 7.5%
Grand Total Amount (C+D)			2,358,803,623	
Total Amount (Rs/Km))			110,430,881	

As pavement (Plain zone)

Item No,	Description	Amount (RS/KM)
Bill No,01	(Earth Work)	5,315,323
Bill No,02	(Sub Base & Base Course))	10,940,499
Bill No,03	(Surface Course & Pavement)	16,864,682
Bill No,04a	(Structures(Retaning/Brest walls))	3,627,428
Bill No,04b	(Structures(Culverts))	0
Bill No,05	(Drainage/Protection Works)	45,482,971
Bill No,06	(Ancillary Works (LUMP SUM))	4,000,000
	Total Amount(A)	86,230,903

Bill No,01 (Earth Work)

Item No,	Description	Unit	Rate(MRS -2021)	Quantity	Amount (RS/KM)
03-62	Cleaning and Grubbing by mechanical means	m2	16.54	5,000	82,700
03-65	Compaction of Natural Ground	m2	20.77		0
03-63	Removal of Trees Girth 150mm-300mm including removal of stump &backfilling with sand	No	583.44	100	58,344
03-64-a	Removal of Trees Girth 300mm-600mm including removal of stump &backfilling with sand	No	1,166.89		0
03-64-b	Removal of Trees Girth 600mm including removal of stump &backfilling with sand	No	2,844.45		0
03-66-a	Road Way Excavation in Surplus/Unsuitable Common Material	m3	365.88	9,000	3,292,920
03-66-b	Road Way Excavation in Surplus/Unsuitable Rock(Hard) Material requiring blasting	m3	774.14		0
03-66-c	Road Way Excavation in Surplus/Unsuitable Rock(Medium) Material requiring blasting	m3	684.84		0
03-70-a	Formation of Embankment from Roadway Excavation in Common Material including compaction Modified AASHO 90% by power roller	m3	405.62	1,425	578,009
03-70-b	Formation of Embankment from Roadway Excavation in Rock Material including compaction Modified AASHO 95% ob embankment by power roller	m3	915.87		0
03-70-c	Formation of Embankment from Borrow Excavation in Common Material including compaction Modified AASHO 90% by power roller	m3	628.40	1,425	895,470
03-71-a	Subgrade Preparation In Earth Cut ; Mod. AASHTO 95%	m2	45.32	9,000	407,880
03-71-b	Subgrade Preparation In Rock Cut ; Mod. AASHTO 95%	m2	95.35		0
03-71-c-i	Subgrade Preparation on Existing Road ; Mod. AASHTO 95%	m2	54.66		0
Total Amount Bill No,1 (Rs)					5,315,323

Bill No,02 (Sub Base & Base Course))

Item No,	Description	Unit	Rate(MRS -2021)	Quantity	Amount (RS/KM)
16-04-a	Granuler Sub Base using pit Run Gravel	m3	1,488.77	2,425	3,610,267
16-05-b	Water Bound Macadam Base Course	m3	2,837.05	2,025	5,745,026

16-71	Grooving in existing BT road of size 4 × 4cm @ 2meter c/c	m2	55.59	9,500	528,105
16-12	Scarification Of Existing Road Pavement Structure	m2	211.42	5,000	1,057,100
Total Amount Bill No,2 (Rs)					10,940,499

Bill No,03 (Surface Course & Pavement)

Item No,	Description	Unit	Rate(MRS -2021)	Quantity	Amount (RS/KM)
16-09-a	Bituminous Prime coat	m2	195.29	9,000	1,757,610
16-14-a	Asphaltic Bace Course (Asphalt Batch Plant Hot Mixed) i/c Transportation and Finishing complete	m3	17,002.57	440	7,481,131
16-14-b	Asphaltic Wearing Course (Asphalt Batch Plant Hot Mixed) i/c Transportation and Finishing complete	m3	19,306.18	395	7,625,941
06-05-f	Plain Cement Concrete including placing compacting,finishing & curing(Rate 1:2:4)	m3	8,587.41		0
06-05-i	Plain Cement Concrete including placing compacting,finishing & curing(Rate 1:4:8)	m3	6,498.08		0
Total Amount Bill No,3 (Rs)					16,864,682

Bill No,04a (Structures(Retaning/Brest walls))

Item No,	Description	Unit	Rate(MRS -2021)	Quantity	Amount (RS/KM)
03-67-a	Structual Excavation in Common Material by mecanical mesns	m3	379.40	8,400	3,186,960
03-67-b-i	Structual Excavation in Hard Rock Material by mecanical mesns requiring blasting	m3	1,932.21		0
03-67-b-ii	Structual Excavation in Medium Rock Material	m3	639.83		0
03-67-c	Structual Back fill Using Common Material available at site	m3	328.90		0
03-67-d	Structual Back fill Using Granual Material Brought from outside	m3	1,101.17	400	440,468
06-05-f	Plain cement Concrete including Placing,Compaction Finishing and Curing Raio(1:2:4)	m3	8,587.41		0
06-05-h	Plain cement Concrete including Placing,Compaction Finishing and Curing Raio(1:3:6)	m3	7,229.35		0
06-05-i	Plain cement Concrete including Placing,Compaction Finishing and Curing Raio(1:4:8)	m3	6,498.08		0
08-01-d-03	Random Rubble Masonry in Foundation and Plinth in cement Sand Mortor Ratio(1:6)	m3	7,082.94		0
08-02-d-02	Coursed rubble masonry (Hammer Dressed) in foundn.& plinth in cement,sand mortar :Ratio 1:4	m3	8,045.36		0
06-44-c	PCC(1:3:6) in mass concrete less formwork using 30% Boulders	m3	5,930.84		0
06-47-b	Erection and removal of Form work with Steel Surface Finishing for RCC or Plain cemente Concrete in any shape - Posotion /Vertical	m2	803.17		0
Total Amount Bill No,4a (Rs)					3,627,428

Bill No,04b (Structures(Culverts))

Item No,	Description	Unit	Rate(MRS -2021)	Quantity	Amount (RS/KM)
03-67-a	Structural Excavation in Common Material by mechanical mesns	m3	379.40		0
03-67-b-i	Structural Excavation in Hard Rock Material by mechanical mesns requiring blasting	m3	1,932.21		0
03-67-b-ii	Structural Excavation in Medium Rock Material	m3	639.83		0
06-05-f	Plain cement Concrete including Placing,Compaction Finishing and Curing Raio(1:2:4)	m3	8,587.41		0
06-05-h	Plain cement Concrete including Placing,Compaction Finishing and Curing Raio(1:3:6)	m3	7,229.35		0
06-05-i	Plain cement Concrete including Placing,Compaction Finishing and Curing Raio(1:4:8)	m3	6,498.08		0
06-07-a-03	RCC in roof slab,beam,column & other structural members,insitu or precast(1:2:4)	m3	9,203.68		0
06-08-b	Supply & fabricate M,S reinforcement for cement concrete (Hot rolled deformed bars Grade 60)	Tonne	205,215.09		0
03-67-c	Structural Back fill Using Common Material available at site	m3	328.90		0
03-67-d	Structural Back fill Using Granual Material Brought from outside	m3	1,101.17		0
08-01-d-03	Random Rubble Msonry in Foundation and Plinth in cement Sand Mortor Ratio(1:6)	m3	7,082.94		0
08-02-d-02	Coursed rubble msonry (Hammer Dressed) in found & p;inth in cement sand mortor: Ratio 1:4	m3	8,045.36		0
16-29-a-iii	Reinforced Concrete Pipe Culvert (AASHTO M-170) Dia ;460mm	m	2,984.86		0
16-29-b-ii	RCC Pipe Culvert (AASHTO M-170) Dia ;610mm	m	4,095.39		0
16-29-c-ii	Reinforced Concrete Pipe Culvert (AASHTO M-170) Dia ;760mm	m	5,965.72		0
16-29-d-ii	Reinforced Concrete Pipe Culvert (AASHTO M-170) Dia ;910mm	m	10,310.87		0
16-29-f-ii	Reinforced Concrete Pipe Culvert (AASHTO M-170) Dia ;1220mm	m	11,986.81		0
04-19-c	Dismantling;Plain Cement Concrete 1;2;4	m3	3,143.63		0
04-03	Dismantling stone masonry in lime or cement mortar	m3	857.35		0
04-20-a	Dismantling RCC,seperating reinforcement,cleaning & straighting the same	m3	5,144.12		0
Total Amount Bill No,4b (Rs)					0

Bill No,05 (Drainage/Protection Works)

Item No,	Description	Unit	Rate(MRS -2021)	Quantity	Amount (RS/KM)
03-67-a	Structural Excavation in Common Material by mechanical mesns	m3	379.40	8,400	3,186,960

03-67-b-i	Structural Excavation in Hard Rock Material by mechanical means requiring blasting	m3	1,932.21		0
03-67-b-ii	Structural Excavation in Medium Rock Material	m3	639.83		0
03-67-c	Structural Back fill Using Common Material available at site	m3	328.90	400	131,560
03-67-d	Structural Back fill Using Granular Material Brought from outside	m3	1,101.17		0
06-05-f	Plain cement Concrete including Placing, Compaction Finishing and Curing Ratio(1:2:4)	m3	8,587.41		0
06-05-h	Plain cement Concrete including Placing, Compaction Finishing and Curing Ratio(1:3:6)	m3	7,229.35	5,000	36,146,750
06-05-i	Plain cement Concrete including Placing, Compaction Finishing and Curing Ratio(1:4:8)	m3	6,498.08		0
06-07-a-03	RCC in roof slab, beam, column & other structural members, insitu or precast(1:2:4)	m3	10,134.75		0
06-08-b	Supply & fabricate M,S reinforcement for cement concrete (Hot rolled deformed bars Grade 60)	Tonne	205,215.09		0
07-04-a-03	1st class brick work in foundation and plinth in Cement, sand mortar 1:4	m3	9,329.75		0
11-09-c	Cement plaster 1:4 upto 20' height 3/4 thick	m2	411.05		0
Cause Way					
03-67-a	Structural Excavation in Common Material by mechanical means	m3	379.40		0
06-05-i	Plain cement Concrete including Placing, Compaction Finishing and Curing Ratio(1:4:8)	m3	6,498.08		0
06-07-a-03	RCC in roof slab, beam, column & other structural members, insitu or precast(1:2:4)	m3	10,134.75		0
06-08-b	Supply & fabricate M,S reinforcement for cement concrete (Hot rolled deformed bars Grade 60)	Tonne	205,215.09		0
03-67-c	Structural Back fill Using Common Material available at site	m3	328.90		0
19-13-c-03	Provide & weave GI Wire netting for wire crates 4" x 4" mesh : 8SWG wire	m2	694.12		0
19-26	Supplying stone and filling in GI wire crate and its sewing, excluding cost of crates	m3	2,553.78		0
06-05-h	Plain cement Concrete including Placing, Compaction Finishing and Curing Ratio(1:3:6)	m3	7,229.35		0
06-44-b	PCC 1:3:6 in mass concrete less formwork using 40% boulders	m3	5,424.32		0
06-47-b	Erection and removal of Form work with Steel Surface Finishing for RCC or Plain cement Concrete in any shape - Position/Vertical	m2	803.17	6,000	4,819,020
08-17	Provide and laying Dry Stone Pitching complete in all respect	m2	739.46		0
16-29-b-ii	RCC Pipe Culvert (AASHTO M-170) Dia ;610mm	m	4,095.39		0
16-29-f-ii	Reinforced Concrete Pipe Culvert (AASHTO M-170) Dia ;1220mm	m	11,986.81	100	1,198,681
Total Amount Bill No,5 (Rs)					45,482,971

As pavement (Mountain zone)

Item No,	Description	Amount (RS/KM)
Bill No,01	(Earth Work)	9,187,528
Bill No,02	(Sub Base & Base Course))	4,929,662
Bill No,03	(Surface Course & Pavement)	15,030,638
Bill No,04a	(Structures(Retaning/Brest walls))	50,016,743
Bill No,04b	(Structures(Culverts))	0
Bill No,05	(Drainage/Protection Works)	650,642
Bill No,06	(Ancillary Works (LUMP SUM))	1,339,893
	Total Amount(A)	81,155,106

Bill No,01 (Earth Work)

Item No,	Description	Unit	Rate(MRS -2021)	Quantity	Amount (RS/KM)
03-62	Cleaning and Grubbing by mechanical means	m2	16.54	8,000	132,320
03-65	Compaction of Natural Ground	m2	20.77	8,000	166,160
03-63	Removal of Trees Girth 150mm-300mm including removal of stump &backfilling with sand	No	583.44	2,000	1,166,880
03-64-a	Removal of Trees Girth 300mm-600mm including removal of stump &backfilling with sand	No	1,166.89		0
03-64-b	Removal of Trees Girth 600mm including removal of stump &backfilling with sand	No	2,844.45		0
03-66-a	Road Way Excavation in Surplus/Unsuitable Common Material	m3	365.88	4,000	1,463,520
03-66-b	Road Way Excavation in Surplus/Unsuitable Rock(Hard) Material requiring blasting	m3	774.14	500	387,070
03-66-c	Road Way Excavation in Surplus/Unsuitable Rock(Medium) Material requiring blasting	m3	684.84	1,000	684,840
03-70-a	Formation of Embankment from Roadway Excavation in Common Material including compaction Modified AASHO 90% by power roller	m3	405.62	3,150	1,277,703
03-70-b	Formation of Embankment from Roadway Excavation in Rock Material including compaction Modified AASHO 95% ob embankment by power roller	m3	915.87	2,500	2,289,675
03-70-c	Formation of Embankment from Borrow Excavation in Common Material including compaction Modified AASHO 90% by power roller	m3	628.40	2,000	1,256,800
03-71-a	Subgrade Preparation In Earth Cut ; Mod. AASHTO 95%	m2	45.32	8,000	362,560
03-71-b	Subgrade Preparation In Rock Cut ; Mod. AASHTO 95%	m2	95.35		0
03-71-c-i	Subgrade Preparation on Existing Road ; Mod. AASHTO 95%	m2	54.66		0
Total Amount Bill No,1 (Rs)					9,187,528

Bill No,02 (Sub Base & Base Course))

Item No,	Description	Unit	Rate(MRS -2021)	Quantity	Amount (RS/KM)
16-04-a	Granuler Sub Base using pit Run Gravel	m3	1,488.77	900	1,339,893
16-05-b	Water Bound Macadam Base Course	m3	2,837.05	885	2,510,789

16-71	Grooving in existing BT road of size 4 × 4cm @ 2meter c/c	m2	55.59	8,000	444,720
16-12	Scarification Of Existing Road Pavement Structure	m2	211.42	3,000	634,260
Total Amount Bill No,2 (Rs)					4,929,662

Bill No,03 (Surface Course & Pavement)

Item No,	Description	Unit	Rate(MRS -2021)	Quantity	Amount (RS/KM)
16-09-a	Bituminous Prime coat	m2	195.29	5,700	1,113,153
16-14-a	Asphaltic Bace Course (Asphalt Batch Plant Hot Mixed) i/c Transportation and Finishing complete	m3	17,002.57	456	7,753,172
16-14-b	Asphaltic Wearing Course (Asphalt Batch Plant Hot Mixed) i/c Transportation and Finishing complete	m3	19,306.18	289	5,579,486
06-05-f	Plain Cement Concrete including placing compacting,finishing & curing(Rate 1:2:4)	m3	8,587.41		0
06-05-i	Plain Cement Concrete including placing compacting,finishing & curing(Rate 1:4:8)	m3	6,498.08	90	584,827
Total Amount Bill No,3 (Rs)					15,030,638

Bill No,04a (Structures(Retaning/Brest walls))

Item No,	Description	Unit	Rate(MRS -2021)	Quantity	Amount (RS/KM)
03-67-a	Structual Excavation in Common Material by mecanical mesns	m3	379.40	4,200	1,593,480
03-67-b-i	Structual Excavation in Hard Rock Material by mecanical mesns requiring blasting	m3	1,932.21	1,000	1,932,210
03-67-b-ii	Structual Excavation in Medium Rock Material	m3	639.83		0
03-67-c	Structual Back fill Using Common Material available at site	m3	328.90	1,000	328,900
03-67-d	Structual Back fill Using Granual Material Brought from outside	m3	1,101.17	600	660,702
06-05-f	Plain cement Concrete including Placing,Compaction Finishing and Curing Raio(1:2:4)	m3	8,587.41		0
06-05-h	Plain cement Concrete including Placing,Compaction Finishing and Curing Raio(1:3:6)	m3	7,229.35	300	2,168,805
06-05-i	Plain cement Concrete including Placing,Compaction Finishing and Curing Raio(1:4:8)	m3	6,498.08		0
08-01-d-03	Random Rubble Masonry in Foundation and Plinth in cement Sand Mortor Ratio(1:6)	m3	7,082.94		0
08-02-d-02	Coursed rubble masonry (Hammer Dressed) in foundn.& plinth in cement,sand mortar :Ratio 1:4	m3	8,045.36		0
06-44-c	PCC(1:3:6) in mass concrete less formwork using 30% Boulders	m3	5,930.84	5,600	33,212,704
06-47-b	Erection and removal of Form work with Steel Surface Finishing for RCC or Plain cemente Concrete in any shape - Posotion /Vertical	m2	803.17	12,600	10,119,942
Total Amount Bill No,4a (Rs)					50,016,743

Bill No,04b (Structures(Culverts))

Item No,	Description	Unit	Rate(MRS -2021)	Quantity	Amount (RS/KM)
03-67-a	Structural Excavation in Common Material by mechanical means	m3	379.40		0
03-67-b-i	Structural Excavation in Hard Rock Material by mechanical means requiring blasting	m3	1,932.21		0
03-67-b-ii	Structural Excavation in Medium Rock Material	m3	639.83		0
06-05-f	Plain cement Concrete including Placing,Compaction Finishing and Curing Raio(1:2:4)	m3	8,587.41		0
06-05-h	Plain cement Concrete including Placing,Compaction Finishing and Curing Raio(1:3:6)	m3	7,229.35		0
06-05-i	Plain cement Concrete including Placing,Compaction Finishing and Curing Raio(1:4:8)	m3	6,498.08		0
06-07-a-03	RCC in roof slab,beam,column & other structural members,insitu or precast(1:2:4)	m3	9,203.68		0
06-08-b	Supply & fabricate M,S reinforcement for cement concrete (Hot rolled deformed bars Grade 60)	Tonne	205,215.09		0
03-67-c	Structural Back fill Using Common Material available at site	m3	328.90		0
03-67-d	Structural Back fill Using Granual Material Brought from outside	m3	1,101.17		0
08-01-d-03	Random Rubble Masonry in Foundation and Plinth in cement Sand Mortor Ratio(1:6)	m3	7,082.94		0
08-02-d-02	Coursed rubble msonry (Hammer Dressed) in found & p;inth in cement sand mortar: Ratio 1:4	m3	8,045.36		0
16-29-a-iii	Reinforced Concrete Pipe Culvert (AASHTO M-170) Dia ;460mm	m	2,984.86		0
16-29-b-ii	RCC Pipe Culvert (AASHTO M-170) Dia ;610mm	m	4,095.39		0
16-29-c-ii	Reinforced Concrete Pipe Culvert (AASHTO M-170) Dia ;760mm	m	5,965.72		0
16-29-d-ii	Reinforced Concrete Pipe Culvert (AASHTO M-170) Dia ;910mm	m	10,310.87		0
16-29-f-ii	Reinforced Concrete Pipe Culvert (AASHTO M-170) Dia ;1220mm	m	11,986.81		0
04-19-c	Dismantling:Plain Cement Concrete 1;2;4	m3	3,143.63		0
04-03	Dismantling stone masonry in lime or cement mortar	m3	857.35		0
04-20-a	Dismantling RCC,seperating reinforcement,cleaning & straighting the same	m3	5,144.12		0
Total Amount Bill No,4b (Rs)					0

Bill No,05 (Drainage/Protection Works)

Item No,	Description	Unit	Rate(MRS -2021)	Quantity	Amount (RS/KM)
03-67-a	Structural Excavation in Common Material by mechanical means	m3	379.40		0

03-67-b-i	Structural Excavation in Hard Rock Material by mechanical means requiring blasting	m3	1,932.21		0
03-67-b-ii	Structural Excavation in Medium Rock Material	m3	639.83		0
03-67-c	Structural Back fill Using Common Material available at site	m3	328.90		0
03-67-d	Structural Back fill Using Granular Material Brought from outside	m3	1,101.17		0
06-05-f	Plain cement Concrete including Placing, Compaction Finishing and Curing Ratio(1:2:4)	m3	8,587.41		0
06-05-h	Plain cement Concrete including Placing, Compaction Finishing and Curing Ratio(1:3:6)	m3	7,229.35	90	650,642
06-05-i	Plain cement Concrete including Placing, Compaction Finishing and Curing Ratio(1:4:8)	m3	6,498.08		0
06-07-a-03	RCC in roof slab, beam, column & other structural members, insitu or precast(1:2:4)	m3	10,134.75		0
06-08-b	Supply & fabricate M,S reinforcement for cement concrete (Hot rolled deformed bars Grade 60)	Tonne	205,215.09		0
07-04-a-03	1st class brick work in foundation and plinth in Cement, sand mortar 1:4	m3	9,329.75		0
11-09-c	Cement plaster 1:4 upto 20' height 3/4 thick	m2	411.05		0
Cause Way					
03-67-a	Structural Excavation in Common Material by mechanical means	m3	379.40		0
06-05-i	Plain cement Concrete including Placing, Compaction Finishing and Curing Ratio(1:4:8)	m3	6,498.08		0
06-07-a-03	RCC in roof slab, beam, column & other structural members, insitu or precast(1:2:4)	m3	10,134.75		0
06-08-b	Supply & fabricate M,S reinforcement for cement concrete (Hot rolled deformed bars Grade 60)	Tonne	205,215.09		0
03-67-c	Structural Back fill Using Common Material available at site	m3	328.90		0
19-13-c-03	Provide & weave GI Wire netting for wire crates 4" x 4" mesh : 8SWG wire	m2	694.12		0
19-26	Supplying stone and filling in GI wire crate and its sewing, excluding cost of crates	m3	2,553.78		0
06-05-h	Plain cement Concrete including Placing, Compaction Finishing and Curing Ratio(1:3:6)	m3	7,229.35		0
06-44-b	PCC 1:3:6 in mass concrete less formwork using 40% boulders	m3	5,424.32		0
06-47-b	Erection and removal of Form work with Steel Surface Finishing for RCC or Plain cement Concrete in any shape - Position/Vertical	m2	803.17		0
08-17	Provide and laying Dry Stone Pitching complete in all respect	m2	739.46		0
16-29-b-ii	RCC Pipe Culvert (AASHTO M-170) Dia ;610mm	m	4,095.39		0
16-29-f-ii	Reinforced Concrete Pipe Culvert (AASHTO M-170) Dia ;1220mm	m	11,986.81		0
Total Amount Bill No,5 (Rs)					650,642

Concrete pavement (Plain zone)

Item No,	Description	Amount (RS/KM)
Bill No,01	(Earth Work)	6,486,846
Bill No,02	(Sub Base & Base Course))	6,667,068
Bill No,03	(Surface Course & Pavement)	19,391,163
Bill No,04a	(Structures(Retaning/Brest walls))	3,627,428
Bill No,04b	(Structures(Culverts))	0
Bill No,05	(Drainage/Protection Works)	45,482,971
Bill No,06	(Ancillary Works (LUMP SUM))	4,000,000
	Total Amount(A)	85,655,476

Bill No,01 (Earth Work)

Item No,	Description	Unit	Rate(MRS -2021)	Quantity	Amount (RS/KM)
03-62	Cleaning and Grubbing by mechanical means	m2	16.54	11,000	181,940
03-65	Compaction of Natural Ground	m2	20.77	11,000	228,470
03-63	Removal of Trees Girth 150mm-300mm including removal of stump &backfilling with sand	No	583.44		0
03-64-a	Removal of Trees Girth 300mm-600mm including removal of stump &backfilling with sand	No	1,166.89	1,100	1,283,579
03-64-b	Removal of Trees Girth 600mm including removal of stump &backfilling with sand	No	2,844.45		0
03-66-a	Road Way Excavation in Surplus/Unsuitable Common Material	m3	365.88	5,500	2,012,340
03-66-b	Road Way Excavation in Surplus/Unsuitable Rock(Hard) Material requiring blasting	m3	774.14		0
03-66-c	Road Way Excavation in Surplus/Unsuitable Rock(Medium) Material requiring blasting	m3	684.84		0
03-70-a	Formation of Embankment from Roadway Excavation in Common Material including compaction Modified AASHO 90% by power roller	m3	405.62	2,850	1,156,017
03-70-b	Formation of Embankment from Roadway Excavation in Rock Material including compaction Modified AASHO 95% ob embankment by power roller	m3	915.87		0
03-70-c	Formation of Embankment from Borrow Excavation in Common Material including compaction Modified AASHO 90% by power roller	m3	628.40	1,900	1,193,960
03-71-a	Subgrade Preparation In Earth Cut ; Mod. AASHTO 95%	m2	45.32	9,500	430,540
03-71-b	Subgrade Preparation In Rock Cut ; Mod. AASHTO 95%	m2	95.35		0
03-71-c-i	Subgrade Preparation on Existing Road ; Mod. AASHTO 95%	m2	54.66		0
Total Amount Bill No,1 (Rs)					6,486,846

Bill No,02 (Sub Base & Base Course))

Item No,	Description	Unit	Rate(MRS -2021)	Quantity	Amount (RS/KM)
16-04-a	Granuler Sub Base using pit Run Gravel	m3	1,488.77		0
16-05-b	Water Bound Macadam Base Course	m3	2,837.05	2,350	6,667,068

16-71	Grooving in existing BT road of size 4 × 4cm @ 2meter c/c	m2	55.59		0
16-12	Scarification Of Existing Road Pavement Structure	m2	211.42		0
Total Amount Bill No,2 (Rs)					6,667,068

Bill No,03 (Surface Course & Pavement)

Item No,	Description	Unit	Rate(MRS -2021)	Quantity	Amount (RS/KM)
16-09-a	Bituminous Prime coat	m2	195.29		0
16-14-a	Asphaltic Bace Course (Asphalt Batch Plant Hot Mixed) i/c Transportation and Finishing complete	m3	17,002.57		0
16-14-b	Asphaltic Wearing Course (Asphalt Batch Plant Hot Mixed) i/c Transportation and Finishing complete	m3	19,306.18		0
06-05-f	Plain Cement Concrete including placing compacting,finishing & curing(Rate 1:2:4)	m3	8,587.41	2,050	17,604,191
06-05-i	Plain Cement Concrete including placing compacting,finishing & curing(Rate 1:4:8)	m3	6,498.08	275	1,786,972
Total Amount Bill No,3 (Rs)					19,391,163

Bill No,04a (Structures(Retaning/Brest walls))

Item No,	Description	Unit	Rate(MRS -2021)	Quantity	Amount (RS/KM)
03-67-a	Structual Excavation in Common Material by mecanical mesns	m3	379.40	8,400	3,186,960
03-67-b-i	Structual Excavation in Hard Rock Material by mecanical mesns requiring blasting	m3	1,932.21		0
03-67-b-ii	Structual Excavation in Medium Rock Material	m3	639.83		0
03-67-c	Structual Back fill Using Common Material available at site	m3	328.90		0
03-67-d	Structual Back fill Using Granual Material Brought from outside	m3	1,101.17	400	440,468
06-05-f	Plain cement Concrete including Placing,Compaction Finishing and Curing Raio(1:2:4)	m3	8,587.41		0
06-05-h	Plain cement Concrete including Placing,Compaction Finishing and Curing Raio(1:3:6)	m3	7,229.35		0
06-05-i	Plain cement Concrete including Placing,Compaction Finishing and Curing Raio(1:4:8)	m3	6,498.08		0
08-01-d-03	Random Rubble Masonry in Foundation and Plinth in cement Sand Mortor Ratio(1:6)	m3	7,082.94		0
08-02-d-02	Coursed rubble masonry (Hammer Dressed) in foundn.& plinth in cement,sand mortar :Ratio 1:4	m3	8,045.36		0
06-44-c	PCC(1:3:6) in mass concrete less formwork using 30% Boulders	m3	5,930.84		0
06-47-b	Erection and removal of Form work with Steel Surface Finishing for RCC or Plain cemente Concrete in any shape - Posotion /Vertical	m2	803.17		0
Total Amount Bill No,4a (Rs)					3,627,428

Bill No,04b (Structures(Culverts))

Item No,	Description	Unit	Rate(MRS -2021)	Quantity	Amount (RS/KM)
03-67-a	Structural Excavation in Common Material by mechanical mesns	m3	379.40		0
03-67-b-i	Structural Excavation in Hard Rock Material by mechanical mesns requiring blasting	m3	1,932.21		0
03-67-b-ii	Structural Excavation in Medium Rock Material	m3	639.83		0
06-05-f	Plain cement Concrete including Placing,Compaction Finishing and Curing Raio(1:2:4)	m3	8,587.41		0
06-05-h	Plain cement Concrete including Placing,Compaction Finishing and Curing Raio(1:3:6)	m3	7,229.35		0
06-05-i	Plain cement Concrete including Placing,Compaction Finishing and Curing Raio(1:4:8)	m3	6,498.08		0
06-07-a-03	RCC in roof slab,beam,column & other structural members,insitu or precast(1:2:4)	m3	9,203.68		0
06-08-b	Supply & fabricate M,S reinforcement for cement concrete (Hot rolled deformed bars Grade 60)	Tonne	205,215.09		0
03-67-c	Structural Back fill Using Common Material available at site	m3	328.90		0
03-67-d	Structural Back fill Using Granual Material Brought from outside	m3	1,101.17		0
08-01-d-03	Random Rubble Msonry in Foundation and Plinth in cement Sand Mortor Ratio(1:6)	m3	7,082.94		0
08-02-d-02	Coursed rubble msonry (Hammer Dressed) in found & p;inth in cement sand mortor: Ratio 1:4	m3	8,045.36		0
16-29-a-iii	Reinforced Concrete Pipe Culvert (AASHTO M-170) Dia ;460mm	m	2,984.86		0
16-29-b-ii	RCC Pipe Culvert (AASHTO M-170) Dia ;610mm	m	4,095.39		0
16-29-c-ii	Reinforced Concrete Pipe Culvert (AASHTO M-170) Dia ;760mm	m	5,965.72		0
16-29-d-ii	Reinforced Concrete Pipe Culvert (AASHTO M-170) Dia ;910mm	m	10,310.87		0
16-29-f-ii	Reinforced Concrete Pipe Culvert (AASHTO M-170) Dia ;1220mm	m	11,986.81		0
04-19-c	Dismantling:Plain Cement Concrete 1;2;4	m3	3,143.63		0
04-03	Dismantling stone masonry in lime or cement mortar	m3	857.35		0
04-20-a	Dismantling RCC,seperating reinforcement,cleaning & straighting the same	m3	5,144.12		0
Total Amount Bill No,4b (Rs)					0

Bill No,05 (Drainage/Protection Works)

Item No,	Description	Unit	Rate(MRS -2021)	Quantity	Amount (RS/KM)
03-67-a	Structural Excavation in Common Material by mechanical mesns	m3	379.40	8,400	3,186,960

03-67-b-i	Structural Excavation in Hard Rock Material by mechanical means requiring blasting	m3	1,932.21		0
03-67-b-ii	Structural Excavation in Medium Rock Material	m3	639.83		0
03-67-c	Structural Back fill Using Common Material available at site	m3	328.90	400	131,560
03-67-d	Structural Back fill Using Granular Material Brought from outside	m3	1,101.17		0
06-05-f	Plain cement Concrete including Placing, Compaction Finishing and Curing Ratio(1:2:4)	m3	8,587.41		0
06-05-h	Plain cement Concrete including Placing, Compaction Finishing and Curing Ratio(1:3:6)	m3	7,229.35	5,000	36,146,750
06-05-i	Plain cement Concrete including Placing, Compaction Finishing and Curing Ratio(1:4:8)	m3	6,498.08		0
06-07-a-03	RCC in roof slab, beam, column & other structural members, insitu or precast(1:2:4)	m3	10,134.75		0
06-08-b	Supply & fabricate M,S reinforcement for cement concrete (Hot rolled deformed bars Grade 60)	Tonne	205,215.09		0
07-04-a-03	1st class brick work in foundation and plinth in Cement, sand mortar 1:4	m3	9,329.75		0
11-09-c	Cement plaster 1:4 upto 20' height 3/4 thick	m2	411.05		0
Cause Way					
03-67-a	Structural Excavation in Common Material by mechanical means	m3	379.40		0
06-05-i	Plain cement Concrete including Placing, Compaction Finishing and Curing Ratio(1:4:8)	m3	6,498.08		0
06-07-a-03	RCC in roof slab, beam, column & other structural members, insitu or precast(1:2:4)	m3	10,134.75		0
06-08-b	Supply & fabricate M,S reinforcement for cement concrete (Hot rolled deformed bars Grade 60)	Tonne	205,215.09		0
03-67-c	Structural Back fill Using Common Material available at site	m3	328.90		0
19-13-c-03	Provide & weave GI Wire netting for wire crates 4" x 4" mesh : 8SWG wire	m2	694.12		0
19-26	Supplying stone and filling in GI wire crate and its sewing, excluding cost of crates	m3	2,553.78		0
06-05-h	Plain cement Concrete including Placing, Compaction Finishing and Curing Ratio(1:3:6)	m3	7,229.35		0
06-44-b	PCC 1:3:6 in mass concrete less formwork using 40% boulders	m3	5,424.32		0
06-47-b	Erection and removal of Form work with Steel Surface Finishing for RCC or Plain cement Concrete in any shape - Position/Vertical	m2	803.17	6,000	4,819,020
08-17	Provide and laying Dry Stone Pitching complete in all respect	m2	739.46		0
16-29-b-ii	RCC Pipe Culvert (AASHTO M-170) Dia ;610mm	m	4,095.39		0
16-29-f-ii	Reinforced Concrete Pipe Culvert (AASHTO M-170) Dia ;1220mm	m	11,986.81	100	1,198,681
Total Amount Bill No,5 (Rs)					45,482,971

Concrete pavement (Mountain Fill zone)

Item No,	Description	Amount (RS/KM)
Bill No,01	(Earth Work)	7,909,825
Bill No,02	(Sub Base & Base Course))	6,885,183
Bill No,03	(Surface Course & Pavement)	16,633,895
Bill No,04a	(Structures(Retaning/Brest walls))	50,016,743
Bill No,04b	(Structures(Culverts))	0
Bill No,05	(Drainage/Protection Works)	867,522
Bill No,06	(Ancillary Works (LUMP SUM))	5,806,203
	Total Amount(A)	88,119,371

Bill No,01 (Earth Work)

Item No,	Description	Unit	Rate(MRS -2021)	Quantity	Amount (RS/KM)
03-62	Cleaning and Grubbing by mechanical means	m2	16.54	8,000	132,320
03-65	Compaction of Natural Ground	m2	20.77	8,000	166,160
03-63	Removal of Trees Girth 150mm-300mm including removal of stump &backfilling with sand	No	583.44	2,000	1,166,880
03-64-a	Removal of Trees Girth 300mm-600mm including removal of stump &backfilling with sand	No	1,166.89		0
03-64-b	Removal of Trees Girth 600mm including removal of stump &backfilling with sand	No	2,844.45		0
03-66-a	Road Way Excavation in Surplus/Unsuitable Common Material	m3	365.88	4,000	1,463,520
03-66-b	Road Way Excavation in Surplus/Unsuitable Rock(Hard) Material requiring blasting	m3	774.14	500	387,070
03-66-c	Road Way Excavation in Surplus/Unsuitable Rock(Medium) Material requiring blasting	m3	684.84	1,000	684,840
03-70-a	Formation of Embankment from Roadway Excavation in Common Material including compaction Modified AASHO 90% by power roller	m3	405.62		0
03-70-b	Formation of Embankment from Roadway Excavation in Rock Material including compaction Modified AASHO 95% ob embankment by power roller	m3	915.87	2,500	2,289,675
03-70-c	Formation of Embankment from Borrow Excavation in Common Material including compaction Modified AASHO 90% by power roller	m3	628.40	2,000	1,256,800
03-71-a	Subgrade Preparation In Earth Cut ; Mod. AASHTO 95%	m2	45.32	8,000	362,560
03-71-b	Subgrade Preparation In Rock Cut ; Mod. AASHTO 95%	m2	95.35		0
03-71-c-i	Subgrade Preparation on Existing Road ; Mod. AASHTO 95%	m2	54.66		0
Total Amount Bill No,1 (Rs)					7,909,825

Bill No,02 (Sub Base & Base Course))

Item No,	Description	Unit	Rate(MRS -2021)	Quantity	Amount (RS/KM)
16-04-a	Granuler Sub Base using pit Run Gravel	m3	1,488.77	3,900	5,806,203
16-05-b	Water Bound Macadam Base Course	m3	2,837.05		0

16-71	Grooving in existing BT road of size 4 × 4cm @ 2meter c/c	m2	55.59	8,000	444,720
16-12	Scarification Of Existing Road Pavement Structure	m2	211.42	3,000	634,260
Total Amount Bill No,2 (Rs)					6,885,183

Bill No,03 (Surface Course & Pavement)

Item No,	Description	Unit	Rate(MRS -2021)	Quantity	Amount (RS/KM)
16-09-a	Bituminous Prime coat	m2	195.29		0
16-14-a	Asphaltic Bace Course (Asphalt Batch Plant Hot Mixed) i/c Transportation and Finishing complete	m3	17,002.57		0
16-14-b	Asphaltic Wearing Course (Asphalt Batch Plant Hot Mixed) i/c Transportation and Finishing complete	m3	19,306.18		0
06-05-f	Plain Cement Concrete including placing compacting,finishing & curing(Rate 1:2:4)	m3	8,587.41	1,710	14,684,471
06-05-i	Plain Cement Concrete including placing compacting,finishing & curing(Rate 1:4:8)	m3	6,498.08	300	1,949,424
Total Amount Bill No,3 (Rs)					16,633,895

Bill No,04a (Structures(Retaning/Brest walls))

Item No,	Description	Unit	Rate(MRS -2021)	Quantity	Amount (RS/KM)
03-67-a	Structual Excavation in Common Material by mecanical mesns	m3	379.40	4,200	1,593,480
03-67-b-i	Structual Excavation in Hard Rock Material by mecanical mesns requiring blasting	m3	1,932.21	1,000	1,932,210
03-67-b-ii	Structual Excavation in Medium Rock Material	m3	639.83		0
03-67-c	Structual Back fill Using Common Material available at site	m3	328.90	1,000	328,900
03-67-d	Structual Back fill Using Granual Material Brought from outside	m3	1,101.17	600	660,702
06-05-f	Plain cement Concrete including Placing,Compaction Finishing and Curing Raio(1:2:4)	m3	8,587.41		0
06-05-h	Plain cement Concrete including Placing,Compaction Finishing and Curing Raio(1:3:6)	m3	7,229.35	300	2,168,805
06-05-i	Plain cement Concrete including Placing,Compaction Finishing and Curing Raio(1:4:8)	m3	6,498.08		0
08-01-d-03	Random Rubble Masonry in Foundation and Plinth in cement Sand Mortor Ratio(1:6)	m3	7,082.94		0
08-02-d-02	Coursed rubble masonry (Hammer Dressed) in foundn.& plinth in cement,sand mortar :Ratio 1:4	m3	8,045.36		0
06-44-c	PCC(1:3:6) in mass concrete less formwork using 30% Boulders	m3	5,930.84	5,600	33,212,704
06-47-b	Erection and removal of Form work with Steel Surface Finishing for RCC or Plain cemente Concrete in any shape - Posotion /Vertical	m2	803.17	12,600	10,119,942
Total Amount Bill No,4a (Rs)					50,016,743

Bill No,04b (Structures(Culverts))

Item No,	Description	Unit	Rate(MRS -2021)	Quantity	Amount (RS/KM)
03-67-a	Structural Excavation in Common Material by mechanical means	m3	379.40		0
03-67-b-i	Structural Excavation in Hard Rock Material by mechanical means requiring blasting	m3	1,932.21		0
03-67-b-ii	Structural Excavation in Medium Rock Material	m3	639.83		0
06-05-f	Plain cement Concrete including Placing,Compaction Finishing and Curing Raio(1:2:4)	m3	8,587.41		0
06-05-h	Plain cement Concrete including Placing,Compaction Finishing and Curing Raio(1:3:6)	m3	7,229.35		0
06-05-i	Plain cement Concrete including Placing,Compaction Finishing and Curing Raio(1:4:8)	m3	6,498.08		0
06-07-a-03	RCC in roof slab,beam,column & other structural members,insitu or precast(1:2:4)	m3	9,203.68		0
06-08-b	Supply & fabricate M,S reinforcement for cement concrete (Hot rolled deformed bars Grade 60)	Tonne	205,215.09		0
03-67-c	Structural Back fill Using Common Material available at site	m3	328.90		0
03-67-d	Structural Back fill Using Granual Material Brought from outside	m3	1,101.17		0
08-01-d-03	Random Rubble Masonry in Foundation and Plinth in cement Sand Mortor Ratio(1:6)	m3	7,082.94		0
08-02-d-02	Coursed rubble msonry (Hammer Dressed) in found & p;inth in cement sand mortar: Ratio 1:4	m3	8,045.36		0
16-29-a-iii	Reinforced Concrete Pipe Culvert (AASHTO M-170) Dia ;460mm	m	2,984.86		0
16-29-b-ii	RCC Pipe Culvert (AASHTO M-170) Dia ;610mm	m	4,095.39		0
16-29-c-ii	Reinforced Concrete Pipe Culvert (AASHTO M-170) Dia ;760mm	m	5,965.72		0
16-29-d-ii	Reinforced Concrete Pipe Culvert (AASHTO M-170) Dia ;910mm	m	10,310.87		0
16-29-f-ii	Reinforced Concrete Pipe Culvert (AASHTO M-170) Dia ;1220mm	m	11,986.81		0
04-19-c	Dismantling:Plain Cement Concrete 1;2;4	m3	3,143.63		0
04-03	Dismantling stone masonry in lime or cement mortar	m3	857.35		0
04-20-a	Dismantling RCC,seperating reinforcement,cleaning & straighting the same	m3	5,144.12		0
Total Amount Bill No,4b (Rs)					0

Bill No,05 (Drainage/Protection Works)

Item No,	Description	Unit	Rate(MRS -2021)	Quantity	Amount (RS/KM)
03-67-a	Structural Excavation in Common Material by mechanical means	m3	379.40		0

03-67-b-i	Structural Excavation in Hard Rock Material by mechanical means requiring blasting	m3	1,932.21		0
03-67-b-ii	Structural Excavation in Medium Rock Material	m3	639.83		0
03-67-c	Structural Back fill Using Common Material available at site	m3	328.90		0
03-67-d	Structural Back fill Using Granular Material Brought from outside	m3	1,101.17		0
06-05-f	Plain cement Concrete including Placing, Compaction Finishing and Curing Ratio(1:2:4)	m3	8,587.41		0
06-05-h	Plain cement Concrete including Placing, Compaction Finishing and Curing Ratio(1:3:6)	m3	7,229.35	120	867,522
06-05-i	Plain cement Concrete including Placing, Compaction Finishing and Curing Ratio(1:4:8)	m3	6,498.08		0
06-07-a-03	RCC in roof slab, beam, column & other structural members, insitu or precast(1:2:4)	m3	10,134.75		0
06-08-b	Supply & fabricate M,S reinforcement for cement concrete (Hot rolled deformed bars Grade 60)	Tonne	205,215.09		0
07-04-a-03	1st class brick work in foundation and plinth in Cement, sand mortar 1:4	m3	9,329.75		0
11-09-c	Cement plaster 1:4 upto 20' height 3/4 thick	m2	411.05		0
Cause Way					
03-67-a	Structural Excavation in Common Material by mechanical means	m3	379.40		0
06-05-i	Plain cement Concrete including Placing, Compaction Finishing and Curing Ratio(1:4:8)	m3	6,498.08		0
06-07-a-03	RCC in roof slab, beam, column & other structural members, insitu or precast(1:2:4)	m3	10,134.75		0
06-08-b	Supply & fabricate M,S reinforcement for cement concrete (Hot rolled deformed bars Grade 60)	Tonne	205,215.09		0
03-67-c	Structural Back fill Using Common Material available at site	m3	328.90		0
19-13-c-03	Provide & weave GI Wire netting for wire crates 4" x 4" mesh : 8SWG wire	m2	694.12		0
19-26	Supplying stone and filling in GI wire crate and its sewing, excluding cost of crates	m3	2,553.78		0
06-05-h	Plain cement Concrete including Placing, Compaction Finishing and Curing Ratio(1:3:6)	m3	7,229.35		0
06-44-b	PCC 1:3:6 in mass concrete less formwork using 40% boulders	m3	5,424.32		0
06-47-b	Erection and removal of Form work with Steel Surface Finishing for RCC or Plain cement Concrete in any shape - Position/Vertical	m2	803.17		0
08-17	Provide and laying Dry Stone Pitching complete in all respect	m2	739.46		0
16-29-b-ii	RCC Pipe Culvert (AASHTO M-170) Dia ;610mm	m	4,095.39		0
16-29-f-ii	Reinforced Concrete Pipe Culvert (AASHTO M-170) Dia ;1220mm	m	11,986.81		0
Total Amount Bill No,5 (Rs)					867,522

Road Width and Standard Road Section														
No.1	9,160 m				No.2					No.3				
Sta	Ca	Pave Type	Geo	Design	Sta	Ca	Pave Type	Geo	Design	Sta	Ca	Pave Type	Geo	Design
0+000	3.0	G	PI	As P	0+000	3.7	As	PI	As P	0+000	3.7	As	PI	As M
0+200	5.2	Con	PI	As P	0+200	3.9	As	PI	As P	0+200	3.9	As	PI	As M
0+400	5.1	As	PI	As P	0+400	3.6	As	PI	As P	0+400	3.6	As	PI	As M
0+600	4.4	As	PI	As P	0+600	3.8	As	PI	As P	0+600	3.8	As	PI	As M
0+800	4.2	As	PI	As P	0+800	3.9	As	PI	As M	0+800	3.9	As	PI	As M
1+000	3.7	As	PI	As P	1+000	3.7	As	PI	As M	1+000	3.7	As	PI	As M
1+200	4.6	Con	PI	As P	1+200	2.5	As	PI	As M	1+200	2.5	As	PI	As M
1+400	4.0	Con	PI	As P	1+400	3.3	As	PI	As M	1+400	3.3	As	PI	As M
1+600	4.3	Con	PI	As P	1+600	4.6	As	PI	As M	1+600	4.6	As	PI	Con M
1+800	4.2	Con	Mo	As P	1+800	3.4	As	Mo	As M	1+800	3.4	As	Mo	Con M
2+000	6.1	Con	Mo	As M	2+000	3.4	As	PI	As M	2+000	3.4	As	PI	Con M
2+200	4.2	Con	Mo	As P	2+200	2.2	As	PI	As M	2+200	2.2	As	PI	Con M
2+400	3.6	Con	Mo	As P	2+400	3.3	As	PI	As M	2+400	3.3	As	PI	Con M
2+600	4.8	Con	Mo	As P	2+600	3.6	As	PI	As M	2+600	3.6	As	PI	Con M
2+800	5.0	Con	Mo	As P	2+800	3.3	As	PI	As M	2+800	3.3	As	PI	Con M
3+000	3.7	Con	Mo	As P	3+000	4.0	As	PI	As M	3+000	4.0	As	PI	Con M
3+200	3.6	Con	Mo	As P	3+200	4.0	As	PI	As M	3+200	4.0	As	PI	Con M
3+400	4.6	Con	Mo	As P	3+400	3.2	As	PI	As M	3+400	3.2	As	PI	Con M
3+600	8.5	Con	Mo	As P	3+600	3.2	As	PI	As M	3+600	3.2	As	PI	As M
3+800	3.7	Con	Mo	As P	3+800	4.0	As	PI	As P	3+800	4.0	As	PI	As M
4+000	3.7	Con	Mo	As P	4+000	3.4	As	PI	As P	4+000	3.4	As	PI	As M
4+200	4.5	Con	Mo	As P	4+200	4.2	As	PI	As P	4+200	4.2	As	PI	As M
4+400	3.6	Con	Mo	As P	4+400	3.5	As	Mo	As P	4+400	3.5	As	Mo	As M
4+600	3.8	Con	Mo	As P	4+600	2.9	As	Mo	As P	4+600	2.9	As	Mo	As M
4+800	3.8	Con	Mo	As P	4+800	4.2	As	Mo	As P	4+800	4.2	As	Mo	As M
5+000	3.1	Con	Mo	As P	5+000	4.4	As	Mo	As P	5+000	4.4	As	Mo	Con M
5+200	3.7	G	Mo	Con M	5+200	4.2	As	Mo	As P	5+200	4.2	As	Mo	Con M
5+400	4.2	G	Mo	Con M	5+400	4.2	As	Mo	As P	5+400	4.2	As	Mo	Con M
5+600	4.4	G	Mo	Con M	5+600	4.4	As	Mo	As M	5+600	4.4	As	Mo	Con M
5+800	3.3	G	Mo	Con M	5+800	4.7	As	Mo	As M	5+800	4.7	As	Mo	Con M
6+000	3.6	G	Mo	Con M	6+000	4.3	As	Mo	As M	6+000	4.3	As	Mo	Con M
6+200	3.6	G	Mo	Con M	6+200	4.0	As	PI	As M	6+200	4.0	As	PI	Con M
6+400	3.7	G	Mo	Con M	6+400	3.9	As	PI	As M	6+400	3.9	As	PI	Con M
6+600	2.5	G	Mo	Con M	6+600	4.1	As	PI	As P	6+600	4.1	As	PI	As M
6+800	3.7	G	Mo	Con M	6+800	3.6	As	PI	As P	6+800	3.6	As	PI	As M
7+000	2.9	G	Mo	Con M	7+000	4.3	As	PI	As P	7+000	4.3	As	PI	As M
7+200	2.9	G	Mo	Con M	7+200	4.7	As	PI	As P	7+200	4.7	As	PI	As M
7+400	2.9	G	Mo	Con M	7+400	4.4	As	PI	As P	7+400	4.4	As	PI	As M
7+600	3.0	G	Mo	Con M	7+600	3.8	As	PI	As P	7+600	3.8	As	PI	As M
7+800	2.9	G	Mo	Con M	7+800	4.3	As	PI	As P	7+800	4.3	As	PI	As M
8+000	4.0	G	Mo	Con M	8+000	3.8	As	PI	As P	8+000	3.8	As	PI	As M
8+200	2.0	G	Mo	Con M	8+200	3.6	As	PI	As P	8+200	3.6	As	PI	As M
8+400	3.5	G	Mo	Con M	8+400	4.4	As	PI	As P	8+400	4.4	As	PI	As M
8+600	3.4	G	Mo	Con M	8+600	2.6	G	PI	As M	8+600	2.6	G	PI	As M
8+800	3.5	G	Mo	Con M	8+800	2.6	G	PI	As M	8+800	2.6	G	PI	As M
9+000	3.6	G	Mo	Con M	9+000	3.8	G	PI	As M	9+000	3.8	G	PI	
9+200	3.5	G	Mo	Con M	9+200	3.0	G	PI	As M	9+200	3.0	G	PI	
9+400					9+400	2.3	G	PI	As M	9+400	2.3	G	PI	
9+600					9+600	2.8	G	PI	As M	9+600	2.8	G	PI	
9+800					9+800	2.4	G	PI	As M	9+800	2.4	G	PI	
Note: Ca : Carriage Way Width, G : Gravel Road, Con : Concrete, As : Asphalt, PI : Plain, Mo : Mountaneous														
As P	4,760					4,600								
As M	200					6,110					5,240			
Con P														
Con M	4,200										3,600			
計	9,160					10,710					8,840			

Road Width and Standard Road Section														
No.4					No.4					No.5-1				
Sta	Ca	Pave Type	Geo	Design	Sta	Ca	Pave Type	Geo	Design	Sta	Ca	Pave Type	Geo	Design
0+000	3.5	G	PI	As M	10+000	2.7	G		Con M	0+000	3.4	As	PI	As P
0+200	3.2	G	PI	As M	10+200	2.6	G		Con M	0+200	3.4	As	PI	As P
0+400	2.8	G	PI	As M	10+400	4.0	G		Con M	0+400	3.6	As	PI	As P
0+600	2.9	G	PI	As M	10+600	3.9	DBST		Con M	0+600	3.6	As	PI	As P
0+800	3.3	DBST	PI	As M	10+800	3.2	DBST		As M	0+800	6.2	As	PI	As P
1+000	3.7	DBST	PI	As M	11+000	3.2	DBST		As M	1+000	6.2	As	PI	As P
1+200	3.6	DBST	PI	As M	11+200	3.6	DBST		As M	1+200	6.3	As	PI	As P
1+400	3.6	DBST	PI	As M	11+400	3.6	DBST		As M	1+400	6.2	As	PI	As P
1+600	3.4	DBST	PI	As M	11+600	3.6	DBST		As M	1+600	6.0	As	PI	As P
1+800	3.4	DBST	Mo	As M	11+800	3.8	DBST		As M	1+800	6.1	As	PI	As P
2+000	3.2	DBST	PI	As M	12+000	3.7	DBST		As M	2+000	6.3	As	PI	As P
2+200	3.5	DBST	PI	As M	12+200	3.6	DBST		As M	2+200	6.2	As	PI	As P
2+400	3.7	DBST	PI	As M	12+400	3.7	DBST		As M	2+400	6.2	As	PI	As P
2+600	3.2	DBST	PI	As M	12+600	3.7	DBST		As M	2+600	6.2	As	PI	As P
2+800	4.1	DBST	PI	As M	12+800	3.8	DBST		As M	2+800	6.2	As	PI	As P
3+000	4.2	DBST	PI	As M	13+000	3.4	DBST		As M	3+000	6.2	As	PI	As P
3+200	3.6	DBST	PI	As M	13+200	3.6	DBST		As M	3+200	6.3	As	PI	As P
3+400	3.3	DBST	PI	As M	13+400	4.2	DBST		As M	3+400	6.3	As	PI	As P
3+600	3.5	DBST	PI	As M	13+600	3.6	DBST		As M	3+600	6.3	As	PI	As P
3+800	3.9	DBST	PI	As M	13+800	4.0	DBST		As M	3+800	6.3	As	PI	As P
4+000	3.2	G	PI	As M	14+000	3.6	DBST		As M	4+000	6.1	As	PI	As P
4+200	3.0	G	PI	As M	14+200	3.3	DBST		As M	4+200	6.0	As	PI	As P
4+400	3.2	G	Mo	As M	14+400	2.7	DBST		As M	4+400	6.0	As	PI	As P
4+600	2.9	G	Mo	As M	14+600	3.7	DBST		As M	4+600	6.4	As	PI	As P
4+800	4.5	G	Mo	As M	14+800	3.3	DBST		As M	4+800	6.2	As	PI	As P
5+000	3.8	G	Mo	As M	15+000	3.9	DBST		As M	5+000	7.1	As	PI	As P
5+200	4.0	G	Mo	As M	15+200	3.8	DBST		As M	5+200	6.4	As	PI	As P
5+400	2.8	G	Mo	As M	15+400	3.6	DBST		As M	5+400	6.1	As	PI	As P
5+600	3.6	G	Mo	Con M	15+600	3.8	DBST		As M	5+600	6.1	As	PI	As P
5+800	2.9	G	Mo	Con M	15+800	4.0	DBST		As M	5+800	6.3	As	PI	As P
6+000	3.0	G	Mo	Con M	16+000	3.6	DBST		As M	6+000	6.1	As	PI	As P
6+200	3.0	G	PI	Con M	16+200	4.0	DBST		As M	6+200	6.2	As	PI	As P
6+400	3.2	G	PI	Con M	16+400	3.2	DBST		As M	6+400	6.3	As	PI	As P
6+600	3.0	G	PI	Con M	16+600	3.5	DBST		As M	6+600	6.0	As	PI	As P
6+800	3.0	G	PI	Con M	16+800	3.4	DBST		As M	6+800	5.2	As	PI	As P
7+000	2.6	G	PI	Con M	17+000	3.8	DBST		As M	7+000	5.2	As	PI	As P
7+200	2.5	G	PI	Con M	17+200	4.0	DBST		As M	7+200	6.2	As	PI	As P
7+400	3.0	G	PI	Con M	17+400	4.0	G		As M	7+400	6.2	As	PI	As P
7+600	3.2	G	PI	Con M	17+600	3.9	G		As M	7+600	6.2	As	PI	As P
7+800	3.4	G	PI	Con M	17+800	4.2	G		As M	7+800	6.2	As	PI	As P
8+000	4.4	G	PI	Con M	18+000	4.0	G		As M	8+000	6.2	As	PI	As P
8+200	3.0	G	PI	Con M	18+200	3.6	DBST		As M	8+200	6.7	As	PI	As P
8+400	3.3	G	PI	Con M	18+400	4.0	DBST		As M	8+400	6.2	As	PI	As P
8+600	3.4	G	PI	Con M	18+600	3.5	DBST		As M	8+600	6.0	As	PI	As P
8+800	2.9	G	PI	Con M	18+800	3.9	DBST		As M	8+800	6.8	As	PI	As P
9+000	3.1	G	PI	Con M	19+000				As M	9+000	5.7	As	PI	As P
9+200	2.7	G	PI	Con M	19+200				As M	9+200	6.2	As	PI	As P
9+400	3.1	G	PI	Con M	19+400				As M	9+400	6.1	As	PI	As P
9+600	3.2	G	PI	Con M	19+600				As M	9+600	6.9	As	PI	As P
9+800	2.8	G	PI	Con M	19+800				As M	9+800	6.5	As	PI	As P
											33,430			
	15,150													
	5,200													
	20,350										33,430			

Road Width and Standard Road Section																
No.9-1					No.9-2					No.10						
Sta	Ca	Pave Type	Geo	Design	Sta	Ca	Pave Type	Geo	Design	Sta	Ca	Pave Type	Geo	Design		
0+000	7.0	G	PI	Con P	10+000	3.8	As	PI	As M	0+000	4.4	As	PI	As P		
0+200	3.8	Con	PI	Con P	10+200	4.0	As	PI	As M	0+200	4.6	As	PI	As P		
0+400	4.0	Con	PI	Con P	10+400	4.2	As	PI	As M	0+400	3.4	As	PI	As P		
0+600	5.1	Con	PI	Con P	10+600	3.2	As	PI	As M	0+600	3.3	As	PI	As P		
0+800	4.7	Con	PI	Con P	10+800	3.6	As	PI	As M	0+800	3.4	As	PI	As P		
1+000	5.2	As	PI	Con P	11+000	3.6	As	PI	As M	1+000	4.2	Con	PI	As P		
1+200	5.3	As	PI	As P	11+200	3.7	As	PI	As M	1+200	3.0	Con	PI	As P		
1+400	4.3	As	PI	As P	11+400	3.9	As	PI	As M	1+400	3.4	Con	PI	As P		
1+600	5.4	As	PI	As P	11+600	4.0	As	PI	As M	1+600	3.2	Con	PI	As P		
1+800	5.2	As	PI	As P	11+800	3.5	As	PI	As M	1+800	3.0	As	PI	As P		
2+000	4.7	As	PI	As P	12+000	3.7	As	PI	As M	2+000	3.1	As	PI	As P		
2+200	5.5	As	PI	As P	12+200	3.8	As	PI	As M	2+200	3.0	As	PI	As P		
2+400	5.2	As	PI	As P	12+400	3.8	As	PI	As P	2+400	3.2	Con	PI	Con P		
2+600	5.3	As	PI	As P	12+600	3.7	As	PI	As P	2+600	4.0	Con	PI	Con P		
2+800	5.5	As	PI	As P	12+800	3.4	As	PI	As P	2+800	4.8	Con	PI	Con P		
3+000	5.3	As	PI	As P	13+000	3.7	As	PI	As P	3+000	2.8	Con	PI	Con P		
3+200	5.3	As	PI	As P	13+200	4.2	As	PI	As P	3+200	3.0	Con	PI	Con P		
3+400	5.3	As	PI	As P	13+400	4.3	As	PI	As P	3+400	3.2	Con	PI	Con P		
3+600	5.2	G	PI	As P	13+600	3.6	As	PI	As P	3+600	3.2	Con	PI	Con P		
3+800	3.1	G	PI	As P	13+800	3.7	As	PI	As P	3+800	3.5	G	PI	Con P		
4+000	4.2	G	PI	As P	14+000	3.6	As	PI	As P	4+000	3.3	G	PI	Con P		
4+200	5.3	G	PI	As P	14+200	3.4	As	PI	As P	4+200	3.0	G	PI	Con P		
4+400	5.3	G	PI	As P	14+400	4.3	As	PI	As P							
4+600	5.2	G	PI	As P	14+600	3.7	As	PI	As P	0+000	3.4	Con	PI	Con P		
4+800	4.8	G	PI	As P	14+800	3.2	As	PI	As P	0+200	2.4	G	PI	Con P		
5+000	4.6	G	PI	As P	15+000	3.7	As	PI	As M	0+400	2.2	G	PI	Con P		
5+200	3.6	G	PI	As P	15+200	3.7	As	PI	As M	0+600	2.4	G	PI	Con P		
5+400	5.1	G	PI	As P	15+400	3.4	As	PI	As M	0+800	2.5	G	PI	Con P		
5+600	4.0	G	PI	As M	15+600	4.7	As	PI	As M	1+000	2.4	G	PI	Con P		
5+800	4.8	G	PI	As M	15+800	4.2	As	PI	As P							
6+000	4.2	G	PI	As M	16+000	3.6	As	PI	As P							
6+200	3.7	G	PI	As M	16+200	3.8	As	PI	As P							
6+400	4.6	G	PI	As M	16+400	3.7	As	PI	As P							
6+600	6.6	G	PI	As M	16+600	3.5	As	PI	As P							
6+800	6.8	As	PI	As M	16+800	3.8	As	PI	As P							
7+000	5.1	As	PI	As P	17+000	4.1	As	PI	As P							
7+200	4.8	As	PI	As P	17+200	5.2	As	PI	As P							
7+400	3.7	As	PI	As P	17+400	4.2	As	PI	As P							
7+600	3.7	As	PI	As P	17+600	4.2	As	PI	As P							
7+800	3.6	As	PI	As P	17+800	5.1	As	PI	As P							
8+000	4.6	As	PI	As P	18+000	3.7	As	PI	As P							
8+200	3.7	As	PI	As P	18+200	7.1	As	PI	As P							
8+400	3.8	As	PI	As P	18+400	4.2	As	PI	As P							
8+600	3.6	As	PI	As P	18+600	4.7	As	PI	As P							
8+800	3.6	As	PI	As P	18+800	7.2	As	PI	As P							
9+000	3.8	As	PI	As P	19+000	4.9	As	PI	As P							
9+200	3.5	As	PI	As P	19+200	4.8	As	PI	As P							
9+400	3.6	As	PI	As P	19+400	7.0	As	PI	As P							
9+600	3.6	As	PI	As M	19+600	10.0	As	PI	As P							
9+800	3.8	As	PI	As M	19+800	14.4	As	PI	As P							
											10-1		10-2			
		14,460										2,210				
		5,000														
		1,200										2,000	850			
		20,660										4,210	850			

Road Width and Standard Road Section														
No.11					No.12					No.13-1				
Sta	Ca	Pave Type	Geo	Design	Sta	Ca	Pave Type	Geo	Design	Sta	Ca	Pave Type	Geo	Design
0+000	4.9	As	PI	As P	0+000	3.8	G	PI	As M	0+000	4.9	G	PI	As P
0+200	4.4	As	PI	As P	0+200	3.9	Con	PI	As M	0+200	6.8	Con	PI	As P
0+400	4.6	As	PI	As P	0+400	3.7	Con	PI	As M	0+400	5.7	Con	PI	As P
0+600	4.9	As	PI	As P	0+600	4.5	Con	PI	As P	0+600	5.0	Con	PI	As P
0+800	5.4	As	PI	As P	0+800	4.3	Con	PI	As P	0+800	4.7	Con	PI	As P
1+000	4.6	As	PI	As P	1+000	3.3	As	PI	As P	1+000	4.3	As	PI	As P
1+200	4.9	As	PI	As P	1+200	3.7	As	PI	As P	1+200	4.6	As	PI	As P
1+400	4.6	As	PI	As P	1+400	3.7	As	PI	As P	1+400	5.0	As	PI	As P
1+600	4.1	As	PI	As P	1+600	3.8	As	PI	As P	1+600	4.8	As	PI	As P
1+800	4.5	As	PI	As P	1+800	4.5	As	PI	As M	1+800	4.9	As	PI	As P
2+000	5.3	As	PI	As P	2+000	3.6	As	PI	As M	2+000	4.9	As	PI	As P
2+200	4.6	As	PI	As P	2+200	3.5	As	PI	As M	2+200	5.1	As	PI	As P
2+400	3.5	As	PI	As P	2+400	3.8	As	PI	As M	2+400	5.1	As	PI	As P
2+600	4.7	As	PI	As P	2+600	4.7	As	PI	As M	2+600	5.0	As	PI	As P
2+800	4.4	As	PI	As P	2+800	3.4	As	PI	As M	2+800	5.0	As	PI	As P
3+000	4.0	As	PI	As P	3+000	4.0	As	PI	As M	3+000	5.1	As	PI	As P
3+200	4.3	As	PI	As P	3+200	3.7	As	PI	As M	3+200	5.1	As	PI	As P
3+400	3.7	As	PI	As P	3+400	3.5	As	PI	As M	3+400	4.9	As	PI	As P
3+600	3.6	As	PI	As P	3+600	4.1	G	PI	As P	3+600	5.1	G	PI	As P
3+800	3.9	As	PI	As P	3+800	3.0	G	PI	As P	3+800	5.1	G	PI	As P
4+000	3.8	As	PI	As P	4+000	3.3	G	PI	As P	4+000	5.3	G	PI	As P
4+200	4.2	As	PI	As P	4+200	3.3	G	PI	As P	4+200	4.9	G	PI	As P
4+400	4.0	As	PI	As P	4+400	4.0	G	PI	As P	4+400	4.8	G	PI	As P
4+600	3.0	As	PI	As P	4+600	3.3	G	PI	As P	4+600	4.9	G	PI	As P
4+800	2.9	As	PI	As P	4+800	3.2	G	PI	As M	4+800	4.8	G	PI	As P
					5+000	3.6	G	PI	As M	5+000	4.8	G	PI	As P
					5+200	4.1	G	PI	As M	5+200	4.8	G	PI	As P
					5+400	3.9	G	PI	As M	5+400	4.8	G	PI	As P
					5+600	3.0	G	PI	As M	5+600	4.8	G	PI	As P
					5+800	3.8	G	PI	As M	5+800	4.9	G	PI	As P
					6+000	3.0	G	PI	As M	6+000	4.7	G	PI	As P
					6+200	3.1	G	PI	As M	6+200	4.9	G	PI	As P
										6+400	4.9	G	PI	As P
										6+600	5.0	G	PI	As P
										6+800	4.8	As	PI	As P
										7+000	4.8	As	PI	As P
										7+200	5.0	As	PI	As P
										7+400	5.1	As	PI	As P
										7+600	4.7	As	PI	As P
										7+800	4.7	As	PI	As P
										8+000	5.0	As	PI	As P
										8+200	4.8	As	PI	As P
										8+400	5.0	As	PI	As P
										8+600	4.8	As	PI	As P
										8+800	4.9	As	PI	As P
										9+000	4.3	As	PI	As P
										9+200	3.9	As	PI	As M
										9+400	4.5	As	PI	As M
										9+600	4.3	As	PI	As M
										9+800	4.3	As	PI	As P
	4,840					2,040					18,560			
						4,000					2,800			
	4,840					6,040					21,360			

