

** RAILWAY BRIDGE **

NO.	LOAD NAME	M-Y(T.M)		Q-Z(T.)		M-Y(T.H)		Q-Z(J.)		M-Y(T.M)		Q-Z(T.)		M-Y(T.H)		Q-Z(T.)	
		67 - 61	67 - 61	67 - 61	67 - 61	67 - 75	67 - 75	67 - 75	67 - 75	73 - 67	73 - 67	73 - 67	73 - 67	73 - 67	73 - 67	73 - 67	73 - 67
1		39.316	4.207	39.316	-4.207	78.778	-9.399	78.778	-9.399	0.014	-0.014	12.399	-0.000	12.399	-0.000	0.000	-0.000
2		78.778	9.399	78.778	-9.399	13.418	-1.209	13.418	-1.209	0.001	-0.001	4.413	-0.000	4.413	-0.000	0.000	-0.000
3		2.351	-1.209	2.351	-1.209	80.994	-17.010	80.994	-17.010	0.003	-0.003	17.010	-0.000	17.010	-0.000	0.000	-0.000
4	(RUL)	-7.255	-1.829	-7.255	-1.829	0.646	0.136	0.646	0.136	0.004	-0.004	-1.829	-0.001	-1.829	-0.001	0.000	-0.000
5	(RUR)	-9.564	-2.009	-9.564	-2.009	29.341	6.162	29.341	6.162	0.001	-0.001	6.162	-0.000	6.162	-0.000	0.000	-0.000
6	(RL1L)	-2.623	0.509	-2.623	0.509	0.202	0.042	0.202	0.042	0.001	-0.001	0.042	-0.000	0.042	-0.000	0.000	-0.000
7	(RL1R)	-3.449	0.724	-3.449	0.724	12.824	2.693	12.824	2.693	0.001	-0.001	2.693	-0.000	2.693	-0.000	0.000	-0.000
8	(RL2L)	-2.893	0.608	-2.893	0.608	0.255	0.054	0.255	0.054	0.001	-0.001	0.054	-0.000	0.054	-0.000	0.000	-0.000
9	(RL2R)	-1.479	0.311	-1.479	0.311	66.262	13.916	66.262	13.916	0.004	-0.004	13.916	-0.000	13.916	-0.000	0.000	-0.000
10	(RL1L)	-10.554	-2.217	-10.554	-2.217	0.777	0.163	0.777	0.163	0.003	-0.003	0.163	-0.000	0.163	-0.000	0.000	-0.000
11	(RL1R)	-2.612	1.599	-2.612	1.599	52.077	10.937	52.077	10.937	0.003	-0.003	10.937	-0.000	10.937	-0.000	0.000	-0.000
12	(KS16L)	-8.593	-1.805	-8.593	-1.805	0.475	0.100	0.475	0.100	0.002	-0.002	0.100	-0.000	0.100	-0.000	0.000	-0.000
13	(KS16R)	-6.507	-1.367	-6.507	-1.367	42.165	8.855	42.165	8.855	0.002	-0.002	8.855	-0.000	8.855	-0.000	0.000	-0.000
14	(RL1L)	-5.317	-1.117	-5.317	-1.117	0.457	0.096	0.457	0.096	0.002	-0.002	0.096	-0.000	0.096	-0.000	0.000	-0.000
15	(RL1R)	-4.827	-1.035	-4.827	-1.035	81.640	17.145	81.640	17.145	0.006	-0.006	17.145	-0.000	17.145	-0.000	0.000	-0.000
16	(RU)	-17.318	-3.637	-17.318	-3.637	42.622	8.951	42.622	8.951	0.004	-0.004	8.951	-0.000	8.951	-0.000	0.000	-0.000
17	(RL)	-10.244	-2.151	-10.244	-2.151	67.039	14.079	67.039	14.079	0.007	-0.007	14.079	-0.000	14.079	-0.000	0.000	-0.000
18	(RL)	-18.167	-3.815	-18.167	-3.815	52.552	11.036	52.552	11.036	0.005	-0.005	11.036	-0.000	11.036	-0.000	0.000	-0.000
19	(KS16)	-13.100	-2.171	-13.100	-2.171												

** RAILWAY BRIDGE **

NO.	LOAD NAME	Q-Z(I)	M-Y(I,M)	Q-Z(I)	M-Y(I,M)	Q-Z(I)	M-Y(I,M)	Q-Z(I)	M-Y(I,M)
		2	8	2	8	8	14	8	14
1		8.775	29.907	-3.791	29.907	3.791	36.090	1.793	36.090
2		21.742	72.507	-8.723	72.507	8.723	83.045	4.293	83.045
3		0.718	3.412	0.398	3.412	1.038	9.305	0.338	9.305
4	(RUL)	-0.84	-2.183	-1.038	-2.183	-0.398	-5.220	-1.739	-5.220
5	(RUR)	75.865	181.882	10.182	181.882	21.231	79.681	65.070	79.681
6	(RL1)	-0.622	-2.960	-2.231	-2.960	-10.182	-5.921	-2.031	-5.921
7	(RLR)	2.347	11.170	0.670	11.170	2.347	22.339	0.270	22.339
8	(RL2L)	-0.270	-1.287	-1.287	-1.287	-0.270	-2.379	-0.819	-2.379
9	(RL2R)	24.071	60.985	3.182	60.985	6.755	25.848	20.499	25.848
10	(RL1L)	-0.194	-0.925	-0.925	-0.925	-3.182	-1.850	-0.635	-1.850
11	(RL1R)	0.852	4.058	0.985	4.058	0.852	8.115	0.085	8.115
12	(RL2L)	-0.085	-0.402	-0.402	-0.402	-0.085	-0.805	-0.147	-0.805
13	(RL2R)	8.682	41.324	8.780	41.324	8.018	22.521	15.096	22.521
14	(RL1L)	-0.344	-1.636	-8.018	-1.636	-8.780	-3.272	-2.128	-3.272
15	(RL1R)	0.378	1.799	0.922	1.799	0.378	3.597	0.092	3.597
16	(RL2L)	-0.092	-0.438	-0.438	-0.438	-0.092	-0.875	-0.378	-0.875
17	(RL2R)	54.953	118.966	16.436	118.966	21.048	52.281	47.848	52.281
18	(RL1L)	-0.758	-3.610	-21.048	-3.610	-16.436	-7.220	-3.948	-7.220
19	(RL1R)	1.955	9.305	0.358	9.305	1.955	18.609	0.358	18.609
20	(KST6L)	-0.358	-1.706	-1.955	-1.706	-0.358	-2.411	-2.322	-2.411
21	(KST6R)	50.429	117.410	9.111	117.410	16.014	56.455	44.300	56.455
22	(RL1L)	-0.457	-2.176	-12.785	-2.176	-10.855	-4.352	-1.493	-4.352
23	(RL1R)	1.505	7.164	0.594	7.164	1.505	14.328	0.294	14.328
24	(RL2L)	-0.294	-1.399	-1.505	-1.399	-0.294	-2.797	-1.838	-2.797
25	(RL2R)	32.752	102.309	11.942	102.309	14.774	48.369	35.595	48.369
26	(RL1L)	-0.538	-2.501	-14.774	-2.501	-11.942	-5.123	-2.763	-5.123
27	(RL1R)	76.211	193.051	10.453	193.051	23.578	102.020	65.340	102.020
28	(RL2L)	-0.176	-0.840	-0.176	-0.840	-0.176	-0.680	-0.325	-0.680
29	(RL2R)	33.983	108.165	12.139	108.165	16.004	60.082	31.771	60.082
30	(RL1L)	-0.715	-3.401	-16.004	-3.401	-12.139	-6.893	-4.088	-12.139
31	(RL1R)	56.908	128.271	18.794	128.271	23.003	70.891	48.206	70.891
32	(KST6L)	-1.117	-5.516	-23.003	-5.516	-16.794	-10.631	-6.470	-16.794
33	(KST6R)	51.934	124.574	9.405	124.574	17.519	70.784	44.594	70.784
34	(RL1L)	-0.751	-3.575	-14.290	-3.575	-11.149	-7.149	-3.332	-11.149

RAILWAY BRIDGE

NO.	LOAD NAME	M-Y(T.M)		Q-Z(C.T.)		M-Y(T.M)		Q-Z(C.T.)		M-Y(T.M)		Q-Z(C.T.)	
		14	20	14	20	20	26	20	26	20	26	20	26
1		36,090	-2,724	11,266	7,708	11,264	-7,708	11,264	-7,708	11,264	-7,708	11,264	-7,708
2		83,045	-5,164	27,482	18,182	27,482	-18,182	27,482	-18,182	27,482	-18,182	27,482	-18,182
3		9,304	0,407	2,855	1,394	2,855	0,407	2,855	1,394	2,855	0,407	2,855	1,394
4	(RUL)	-3,220	-2,070	-2,872	-0,494	-2,872	-0,494	-2,872	-0,494	-2,872	-0,494	-2,872	-0,494
5	(RUR)	79,686	47,177	109,510	36,515	109,510	36,515	109,510	36,515	109,510	36,515	109,510	36,515
6	(RLTL)	-2,575	-4,603	-1,790	0,165	-1,790	0,165	-1,790	0,165	-1,790	0,165	-1,790	0,165
7	(RLTR)	25,850	14,823	36,364	11,104	36,364	11,104	36,364	11,104	36,364	11,104	36,364	11,104
8	(RL2L)	-1,850	-1,568	-6,487	-1,386	-6,487	-1,386	-6,487	-1,386	-6,487	-1,386	-6,487	-1,386
9	(RL2R)	8,115	0,052	1,792	1,329	1,792	1,329	1,792	1,329	1,792	1,329	1,792	1,329
10	(RL1L)	-0,805	-1,670	-0,559	-0,052	-0,559	-0,052	-0,559	-0,052	-0,559	-0,052	-0,559	-0,052
11	(RL1R)	22,522	13,072	32,338	0,880	32,338	0,880	32,338	0,880	32,338	0,880	32,338	0,880
12	(KS16L)	-3,272	-3,628	-8,473	-3,891	-8,473	-3,891	-8,473	-3,891	-8,473	-3,891	-8,473	-3,891
13	(KS16R)	3,597	0,052	0,923	0,562	0,923	0,562	0,923	0,562	0,923	0,562	0,923	0,562
14	(RLL)	-0,875	-0,562	-0,892	-0,052	-0,892	-0,052	-0,892	-0,052	-0,892	-0,052	-0,892	-0,052
15	(RLR)	52,284	36,976	81,983	29,411	81,983	29,411	81,983	29,411	81,983	29,411	81,983	29,411
16	(RUL)	-2,220	-7,742	-25,012	-8,716	-25,012	-8,716	-25,012	-8,716	-25,012	-8,716	-25,012	-8,716
17	(RUR)	18,609	0,198	4,917	2,876	4,917	2,876	4,917	2,876	4,917	2,876	4,917	2,876
18	(KS16L)	-3,411	-3,719	-2,769	-0,198	-2,769	-0,198	-2,769	-0,198	-2,769	-0,198	-2,769	-0,198
19	(KS16R)	56,458	34,692	85,577	28,485	85,577	28,485	85,577	28,485	85,577	28,485	85,577	28,485
20	(RLL)	-4,352	-4,794	-15,258	-3,260	-15,258	-3,260	-15,258	-3,260	-15,258	-3,260	-15,258	-3,260
21	(RLR)	14,328	0,204	3,083	2,393	3,083	2,393	3,083	2,393	3,083	2,393	3,083	2,393
22	(RUL)	-2,889	-2,889	-1,912	-0,204	-1,912	-0,204	-1,912	-0,204	-1,912	-0,204	-1,912	-0,204
23	(RUR)	48,372	27,896	68,702	21,984	68,702	21,984	68,702	21,984	68,702	21,984	68,702	21,984
24	(KS16L)	-5,123	-5,195	-14,940	-7,277	-14,940	-7,277	-14,940	-7,277	-14,940	-7,277	-14,940	-7,277
25	(KS16R)	11,712	0,104	2,715	1,891	2,715	1,891	2,715	1,891	2,715	1,891	2,715	1,891
26	(RLL)	-3,680	-2,031	-1,451	-0,104	-1,451	-0,104	-1,451	-0,104	-1,451	-0,104	-1,451	-0,104
27	(RLR)	102,024	47,342	113,740	40,216	113,740	40,216	113,740	40,216	113,740	40,216	113,740	40,216
28	(RUL)	-8,494	-9,419	-22,549	-4,601	-22,549	-4,601	-22,549	-4,601	-22,549	-4,601	-22,549	-4,601
29	(RUR)	60,084	28,000	71,416	23,875	71,416	23,875	71,416	23,875	71,416	23,875	71,416	23,875
30	(KS16L)	-6,803	-7,827	-16,411	-2,381	-16,411	-2,381	-16,411	-2,381	-16,411	-2,381	-16,411	-2,381
31	(KS16R)	70,893	37,174	86,900	32,287	86,900	32,287	86,900	32,287	86,900	32,287	86,900	32,287
32	(RLL)	-10,632	-11,461	-27,781	-8,914	-27,781	-8,914	-27,781	-8,914	-27,781	-8,914	-27,781	-8,914
33	(RLR)	70,786	34,896	88,660	30,819	88,660	30,819	88,660	30,819	88,660	30,819	88,660	30,819
34	(RUL)	-7,149	-7,883	-17,170	-3,464	-17,170	-3,464	-17,170	-3,464	-17,170	-3,464	-17,170	-3,464

** RAILWAY BRIDGE **

NO.	LOAD NAME	Q-25(T)	M-Y(T,M)	Q-26(T)	M-Y(T,M)	Q-27(T)	M-Y(T,M)	Q-28(T)	M-Y(T,M)
		26 - 20	26 - 32	26 - 32	32 - 26	32 - 26	32 - 26	32 - 26	32 - 38
1		12,691	-37,286	9,857	-3,848	-5,210	-3,948	5,210	
2		31,201	-90,050	24,704	-7,342	-12,565	-7,342	12,565	
3	(+)	1,100	2,596	0,977	2,001	0,751	2,001	1,237	
4	(-)	-0,962	-5,086	-1,201	-3,954	-1,227	-3,954	-0,751	
5	(RL)	90,116	11,759	83,466	78,271	5,085	78,271	31,888	
6	(+)	-0,562	-143,455	-3,085	-42,128	-31,828	-42,128	3,085	
7	(-)	3,701	2,582	2,164	2,661	0,800	2,661	2,164	
8	(RL)	-0,165	-12,893	-0,800	-6,708	-2,164	-6,708	0,800	
9	(+)	30,163	3,675	26,661	25,661	0,964	25,661	9,198	
10	(-)	-0,176	-50,760	-0,964	-13,165	-2,198	-13,165	0,964	
11	(RL)	1,329	0,807	0,791	0,832	0,250	0,832	0,791	
12	(-)	-0,052	-4,533	-0,250	-2,532	-0,791	-2,532	0,250	
13	(+)	12,263	2,285	10,451	30,830	7,011	30,830	9,829	
14	(-)	-0,133	-19,452	-0,724	-10,333	-9,629	-10,333	0,724	
15	(RL)	0,562	0,546	0,412	0,871	0,166	0,871	0,412	
16	(-)	-0,052	-1,751	-0,166	-1,338	-0,632	-1,338	0,166	
17	(RL)	67,740	13,786	67,517	73,742	6,1547	73,742	30,669	
18	(-)	-0,659	-137,093	-3,616	-49,378	-30,669	-49,378	3,616	
19	(+)	2,876	3,028	2,332	3,194	0,938	3,194	2,332	
20	(-)	-0,178	-13,046	-0,938	-7,042	-2,332	-7,042	0,938	
21	(KS16L)	61,985	8,643	56,883	46,246	2,267	46,246	23,583	
22	(-)	-0,413	-120,572	-2,267	-44,778	-3,1383	-44,778	2,267	
23	(KS16R)	2,393	2,806	1,440	2,784	0,813	2,784	1,440	
24	(-)	-0,204	-9,304	-0,813	-6,415	-1,440	-6,415	0,813	
25	(RL)	42,425	6,260	37,144	56,490	7,975	56,490	18,827	
26	(-)	-0,309	-73,211	-1,688	-23,498	-18,827	-23,498	1,688	
27	(RL)	1,891	1,354	1,203	1,703	0,416	1,703	1,203	
28	(-)	-0,104	-6,304	-0,416	-3,877	-1,203	-3,877	0,416	
29	(RU)	93,817	14,342	85,631	78,932	3,885	78,932	33,992	
30	(-)	-0,727	-161,348	-3,885	-48,836	-33,992	-48,836	3,885	
31	(RL)	44,316	7,613	38,346	58,193	8,390	58,193	20,030	
32	(-)	-0,413	-76,515	-2,104	-27,375	-20,030	-27,375	2,104	
33	(RL)	70,617	16,814	69,848	76,936	1,485	76,936	33,001	
34	(-)	-0,857	-150,139	-4,554	-56,420	-33,001	-56,420	4,554	
35	(KS16)	64,378	11,230	58,333	49,030	3,080	49,030	24,823	
36	(-)	-0,617	-122,716	-3,080	-49,194	-24,823	-49,194	3,080	

NO.	LOAD NAME	M-Y(T,M) 38 - 32	Q-Z(T,T) 38 - 32	M-Y(T,M) 38 - 44	Q-Z(T,T) 38 - 44	M-Y(T,M) 44 - 38	Q-Z(T,T) 44 - 38	M-Y(T,M) 44 - 50
1		8.962	-0.583	8.962	-0.625	-4.132	5.273	-4.127
2		21.485	-0.425	21.485	-0.531	-7.902	1.241	-7.902
3	(+)	6.860	0.657	6.860	0.653	2.016	1.241	2.016
4	(-)	-1.844	-1.844	-1.844	-1.847	-4.047	-4.047	-4.047
5	(+)	36.221	50.095	36.225	50.028	75.978	3.895	75.978
6	(-)	-15.867	-3.998	-15.867	-6.072	-42.523	-3.063	-42.523
7	(+)	8.385	0.800	8.385	0.802	2.156	2.156	2.658
8	(-)	-4.528	-2.679	-4.528	-2.671	-6.643	-0.802	-6.643
9	(+)	11.694	15.371	11.699	15.289	25.574	9.218	25.574
10	(-)	-4.959	-1.878	-4.959	-1.898	-13.289	-0.831	-13.289
11	(+)	3.417	0.250	3.417	0.251	0.788	0.788	0.831
12	(-)	-1.415	-0.894	-1.415	-0.891	-2.515	-0.251	-2.515
13	(+)	19.523	14.340	19.524	13.971	30.850	10.447	30.850
14	(-)	-3.846	-1.826	-3.846	-3.148	-10.386	-6.225	-10.386
15	(+)	2.700	0.166	2.700	0.166	0.870	0.412	0.870
16	(-)	-0.926	-0.412	-0.926	-0.412	-1.328	-0.166	-1.328
17	(+)	29.644	39.371	29.646	39.368	73.928	30.734	73.928
18	(-)	-18.737	-7.023	-18.737	-7.111	-49.841	-5.853	-49.841
19	(+)	8.883	0.938	8.883	0.941	3.189	2.323	3.189
20	(-)	-5.309	-2.949	-5.309	-2.942	-6.991	-0.941	-6.991
21	(+)	29.953	34.349	29.956	37.803	78.726	25.074	78.726
22	(-)	-15.916	-6.901	-15.916	-4.463	-31.255	-3.075	-31.255
23	(+)	6.623	0.813	6.623	0.813	1.953	1.984	1.953
24	(-)	-4.618	-1.788	-4.618	-2.347	-5.988	-0.590	-5.988
25	(+)	31.217	29.620	31.219	28.781	56.424	19.665	56.424
26	(-)	-8.805	-4.700	-8.805	-5.046	-23.674	-7.182	-23.674
27	(+)	6.117	0.416	6.116	0.417	1.701	1.200	1.701
28	(-)	-2.341	-1.306	-2.341	-1.303	-3.843	-0.417	-3.843
29	(+)	44.607	50.895	44.609	50.830	78.636	36.050	78.636
30	(-)	-20.395	-8.677	-20.395	-8.743	-49.166	-3.865	-49.166
31	(+)	37.334	30.056	37.333	29.198	58.124	20.866	58.124
32	(-)	-11.145	-6.006	-11.145	-6.349	-21.518	-2.458	-21.518
33	(+)	38.527	40.310	38.529	40.308	77.117	35.058	77.117
34	(-)	-24.047	-9.973	-24.046	-10.053	-56.832	-6.794	-56.832
35	(+)	36.577	35.162	36.578	38.393	80.680	27.058	80.680
36	(-)	-20.534	-8.689	-20.534	-6.811	-37.244	-3.665	-37.244

** RAILWAY BRIDGE **

NO.	LOAD NAME	Q-2(L)		M-Y(T,M)		Q-2(T)		M-Y(T,M)		Q-2(L)	
		44	50	50	56	50	56	50	56	50	56
1		-5.273	-37.844	9.920	57.844	12.835	11.597	-7.852			
2	(+)	-12.691	-9.169	24.830	-91.869	31.489	27.736	-18.571			
3	(-)	0.767	2.581	0.980	2.581	1.141	2.896	0.595			
4	(+)	-1.241	-5.228	-1.197	-5.228	-0.962	-5.228	-1.536			
5	(-)	3.063	11.627	83.538	11.627	90.333	109.265	4.527			
6	(+)	-31.895	-149.447	-3.063	-149.447	-0.544	-20.843	-36.798			
7	(+)	0.802	2.593	2.156	2.593	3.667	4.697	0.163			
8	(-)	-2.156	-12.766	-0.802	-12.766	-0.163	-1.781	-3.167			
9	(+)	0.957	3.633	26.713	3.633	30.254	36.459	1.415			
10	(-)	-9.218	-51.143	-0.957	-51.143	-0.170	-6.514	-11.058			
11	(+)	0.251	0.810	0.788	0.810	1.317	1.779	0.051			
12	(-)	-0.788	-4.508	-0.251	-4.508	-0.051	-0.557	-1.317			
13	(+)	6.225	2.556	12.028	2.556	10.907	32.370	6.555			
14	(-)	-10.447	-19.549	-0.720	-19.549	-0.129	-8.484	-10.148			
15	(+)	0.166	0.549	0.412	0.549	0.557	0.917	0.052			
16	(-)	-0.412	-1.732	-0.166	-1.732	-0.052	-0.892	-0.557			
17	(+)	5.853	13.631	67.583	13.631	67.927	78.984	8.594			
18	(-)	-30.734	-137.744	-5.590	-137.744	-0.638	-27.715	-29.839			
19	(+)	0.941	5.041	2.223	5.041	2.850	4.885	0.196			
20	(-)	-2.323	-12.965	-0.941	-12.965	-0.196	-2.165	-2.850			
21	(+)	3.075	11.691	58.872	11.691	60.419	67.584	5.357			
22	(-)	-25.074	-111.838	-3.075	-111.838	-0.548	-24.081	-26.825			
23	(+)	0.590	1.906	1.984	1.906	2.451	4.190	0.120			
24	(-)	-1.984	-11.119	-0.590	-11.119	-0.120	-1.309	-2.451			
25	(+)	7.182	6.189	38.740	6.189	41.161	68.829	7.969			
26	(-)	-19.665	-70.692	-7.182	-70.692	-0.292	-14.998	-21.206			
27	(+)	0.417	1.559	1.877	1.559	1.874	2.696	0.102			
28	(-)	-1.200	-6.240	-0.417	-6.240	-0.102	-1.448	-1.874			
29	(+)	3.885	14.220	85.894	14.220	94.001	113.962	4.690			
30	(-)	-34.050	-162.213	-3.885	-162.213	-0.707	-22.425	-40.665			
31	(+)	7.598	7.549	39.841	7.549	43.035	71.525	8.072			
32	(-)	-20.866	-76.932	-7.598	-76.932	-0.402	-16.446	-23.080			
33	(+)	6.794	16.672	69.508	16.672	70.777	83.669	8.890			
34	(-)	-33.058	-150.708	-6.794	-150.708	-0.833	-29.880	-32.489			
35	(+)	3.665	13.598	60.856	13.598	62.870	71.774	5.377			
36	(-)	-27.058	-122.957	-3.665	-122.957	-0.667	-25.390	-28.475			

NO.	LOAD NAME	M-Y(T.M.)		Q-Z(T.J.)		M-Y(T.M.)		Q-Z(T.J.)		M-Y(T.M.)		Q-Z(T.J.)	
		56 - 62	62 - 68	56 - 62	62 - 68	62 - 68	68 - 74	62 - 68	68 - 74	62 - 68	68 - 74	62 - 68	68 - 74
1		11,391	7,852	36,903	-2,868	36,902	1,107	30,312					
2		27,736	18,471	85,223	-5,432	85,223	6,124	73,821					
3	(+)	1,436	1,436	9,581	0,410	9,581	0,343	3,691					
4	(-)	-2,876	-0,495	-3,268	-2,113	-3,268	-1,769	-2,149					
5	(+)	108,265	36,798	81,361	6,898	81,365	64,893	182,670					
6	(-)	-20,843	-4,527	-6,126	-3,028	-6,126	-2,370	-3,063					
7	(+)	4,697	5,667	22,145	0,163	22,144	0,269	11,072					
8	(-)	-1,781	-0,163	-2,537	-4,363	-2,537	-2,794	-1,228					
9	(+)	36,459	11,270	26,456	14,723	26,458	20,643	61,271					
10	(-)	-8,514	-1,875	-1,914	-0,988	-1,914	-0,761	-0,257					
11	(+)	1,779	1,517	8,045	0,051	8,045	0,084	4,022					
12	(-)	-0,557	-0,051	-0,799	-1,456	-0,799	-0,399	-0,339					
13	(+)	32,370	10,148	23,727	13,788	23,727	14,605	41,423					
14	(-)	-8,484	-6,255	-3,525	-2,336	-3,525	-2,395	-1,633					
15	(+)	0,917	0,557	3,566	0,052	3,566	0,091	1,783					
16	(-)	-0,892	-0,052	-0,870	-0,557	-0,870	-0,375	-0,435					
17	(+)	78,984	29,639	53,150	34,858	53,153	47,747	119,678					
18	(-)	-27,715	-8,924	-9,302	-7,902	-9,302	-4,015	-4,621					
19	(+)	4,885	2,850	18,451	0,196	18,451	0,322	9,225					
20	(-)	-2,165	-0,196	-3,084	-3,685	-3,084	-2,500	-1,532					
21	(+)	67,584	26,261	54,016	33,714	54,018	44,563	120,920					
22	(-)	-24,081	-5,257	-6,417	-3,889	-6,418	-1,295	-3,209					
23	(+)	4,190	2,451	15,779	0,120	15,778	0,197	7,889					
24	(-)	-1,309	-0,120	-1,879	-2,941	-1,879	-1,988	-0,940					
25	(+)	68,829	21,358	49,235	28,511	49,235	34,848	102,694					
26	(-)	-14,998	-7,269	-5,240	-4,304	-5,240	-3,135	-2,620					
27	(+)	2,696	1,874	11,612	0,102	11,611	0,175	5,806					
28	(-)	-1,448	-0,102	-1,669	-2,013	-1,669	-1,313	-0,835					
29	(+)	113,962	40,465	103,506	47,061	103,509	65,122	193,742					
30	(-)	-22,625	-4,690	-8,683	-7,461	-8,683	-5,164	-4,341					
31	(+)	71,525	23,231	66,865	28,614	66,866	35,023	108,500					
32	(-)	-16,446	-8,072	-6,909	-6,317	-6,909	-6,449	-3,454					
33	(+)	83,869	32,489	71,601	37,054	71,604	48,009	128,903					
34	(-)	-29,880	-6,890	-12,366	-11,587	-12,366	-6,513	-6,153					
35	(+)	21,774	28,711	63,794	35,834	63,797	44,741	128,879					
36	(-)	-25,590	-5,317	-8,297	-6,830	-8,297	-3,983	-4,118					

** RAILWAY BRIDGE **

NO.	LOAD NAME	Q-Z(I)		M-Y(I,M)		Q-Z(I)		M-Y(I,M)	
		68	74	68	74	74	68	74	68
1		3.877	30.312		0.000	-3.877	8.865		-0.000
2		8.894	73.321	-8.894	-0.000	21.765	2.445		-0.000
3	(+)	1.061	3.491	0.397	0.000	0.734	0.000		0.000
4	(+)	-0.397	-2.149	-1.061	-0.000	-0.322	-0.322		-0.000
5	(+)	21.408	182.670	8.982	0.000	74.002	19.937		0.000
6	(+)	-10.029	-3.062	-21.408	-0.001	-0.643	-0.745		-0.000
7	(+)	2.326	11.072	0.269	0.000	2.326	0.000		0.000
8	(+)	-0.269	-1.228	-2.326	-0.000	-0.595	-0.995		-0.000
9	(+)	6.820	61.271	2.087	0.000	24.129	7.098		0.000
10	(+)	-2.202	-0.937	-6.820	-0.000	-0.501	-0.233		-0.000
11	(+)	0.845	4.022	0.084	0.000	0.845	0.000		0.000
12	(+)	-0.084	-0.399	-0.845	-0.000	-0.084	-0.186		-0.000
13	(+)	8.702	41.425	7.839	0.000	10.543	2.507		0.000
14	(+)	-7.839	-1.663	-8.702	-0.000	-0.349	-0.296		-0.000
15	(+)	0.375	1.783	0.091	0.000	0.375	1.098		0.000
16	(+)	-0.091	-0.835	-0.375	-0.000	-0.091	-0.227		-0.000
17	(+)	21.165	119.678	16.397	0.000	55.102	16.179		0.000
18	(+)	-16.397	-4.651	-21.165	-0.001	-0.377	-0.897		-0.000
19	(+)	1.938	9.225	0.322	0.000	1.938	5.665		0.000
20	(+)	-0.322	-1.332	-1.938	-0.000	-0.322	-0.799		-0.000
21	(+)	18.577	120.990	8.084	0.000	53.522	13.731		0.000
22	(+)	-8.084	-3.809	-18.577	-0.001	-0.674	-0.548		-0.000
23	(+)	1.657	7.889	0.197	0.000	1.657	4.504		0.000
24	(+)	-0.197	-0.940	-1.657	-0.000	-0.197	-0.669		-0.000
25	(+)	15.523	102.894	9.926	0.000	34.672	9.605		0.000
26	(+)	-10.042	-2.620	-15.523	-0.001	-0.550	-0.529		-0.000
27	(+)	1.220	5.806	0.175	0.000	1.220	3.628		0.000
28	(+)	-0.175	-0.835	-1.220	-0.000	-0.175	-0.413		-0.000
29	(+)	25.734	193.742	9.250	0.000	76.528	26.933		0.000
30	(+)	-10.297	-4.341	-25.734	-0.001	-0.912	-1.311		-0.000
31	(+)	16.742	108.500	10.101	0.000	35.892	13.233		0.000
32	(+)	-10.217	-3.454	-16.742	-0.001	-0.726	-0.942		-0.000
33	(+)	23.103	128.903	16.718	0.000	57.041	21.844		0.000
34	(+)	-16.718	-6.183	-23.103	-0.001	-1.299	-1.695		-0.000
35	(+)	20.234	128.879	8.282	0.000	55.179	18.235		0.000
36	(+)	-8.282	-4.148	-20.234	-0.001	-0.872	-1.216		-0.000

** RAILWAY BRIDGE **

NO.	LOAD NAME	M-Y(T,M)		Q-Z(T,T)		M-Y(T,M)		Q-Z(T,T)		M-Y(T,M)		Q-Z(T,T)	
		9	3	9	3	9	15	9	15	9	15	9	15
1		28,456	-3,512	28,456	3,512	33,432	1,421	33,432	1,421	33,432	1,421	33,432	1,421
2		72,618	-8,747	72,618	8,747	83,267	4,272	83,267	4,272	83,267	4,272	83,267	4,272
3	(+)	1,535	0,158	1,535	0,158	3,069	0,158	3,069	0,158	3,069	0,158	3,069	0,158
4	(RUL)	-0,750	-0,342	-0,750	-0,342	-1,501	-0,342	-1,501	-0,342	-1,501	-0,342	-1,501	-0,342
5	(RUR)	33,298	-3,547	33,298	3,547	37,093	-0,745	37,093	-0,745	37,093	-0,745	37,093	-0,745
6	(RL1L)	-2,834	-6,995	-2,834	-6,995	-5,668	-8,368	-5,668	-8,368	-5,668	-8,368	-5,668	-8,368
7	(RL1R)	-1,108	-4,486	-1,108	-4,486	-2,217	-1,439	-2,217	-1,439	-2,217	-1,439	-2,217	-1,439
8	(RL2L)	12,042	0,186	12,042	0,186	24,084	0,186	24,084	0,186	24,084	0,186	24,084	0,186
9	(RL2R)	-0,886	-2,530	-0,886	-2,530	-1,771	-2,804	-1,771	-2,804	-1,771	-2,804	-1,771	-2,804
10	(RL1L)	11,932	0,441	11,932	0,441	17,514	1,108	17,514	1,108	17,514	1,108	17,514	1,108
11	(RL1R)	-1,611	-2,437	-1,611	-2,437	-3,223	-1,736	-3,223	-1,736	-3,223	-1,736	-3,223	-1,736
12	(KS16L)	5,225	0,227	5,225	0,227	10,451	0,227	10,451	0,227	10,451	0,227	10,451	0,227
13	(KS16R)	-1,080	-1,098	-1,080	-1,098	-2,160	-1,098	-2,160	-1,098	-2,160	-1,098	-2,160	-1,098
14	(RLL)	55,395	0,897	55,395	0,897	79,401	3,039	79,401	3,039	79,401	3,039	79,401	3,039
15	(RLR)	-4,268	-10,044	-4,268	-10,044	-8,535	-4,422	-8,535	-4,422	-8,535	-4,422	-8,535	-4,422
16	(RU)	26,965	0,799	26,965	0,799	53,929	0,799	53,929	0,799	53,929	0,799	53,929	0,799
17	(RL)	-3,802	-3,665	-3,802	-3,665	-7,604	-7,311	-7,604	-7,311	-7,604	-7,311	-7,604	-7,311
18	(RL1)	46,029	0,548	46,029	0,548	69,027	2,217	69,027	2,217	69,027	2,217	69,027	2,217
19	(KS16)	-2,607	-7,923	-2,607	-7,923	-5,214	-3,654	-5,214	-3,654	-5,214	-3,654	-5,214	-3,654
20	(RLL)	21,437	0,639	21,437	0,639	42,874	0,639	42,874	0,639	42,874	0,639	42,874	0,639
21	(RLR)	-3,183	-4,544	-3,183	-4,544	-6,366	-5,622	-6,366	-5,622	-6,366	-5,622	-6,366	-5,622
22	(RU)	37,787	0,874	37,787	0,874	75,574	1,772	75,574	1,772	75,574	1,772	75,574	1,772
23	(RL)	-2,520	-6,923	-2,520	-6,923	-5,039	-3,175	-5,039	-3,175	-5,039	-3,175	-5,039	-3,175
24	(RL1)	17,267	0,413	17,267	0,413	34,534	0,413	34,534	0,413	34,534	0,413	34,534	0,413
25	(RU)	-1,966	-3,628	-1,966	-3,628	-3,932	-3,902	-3,932	-3,902	-3,932	-3,902	-3,932	-3,902
26	(RL)	106,179	1,341	106,179	1,341	168,562	2,719	168,562	2,719	168,562	2,719	168,562	2,719
27	(RL)	-6,381	-19,672	-6,381	-19,672	-12,762	-13,212	-12,762	-13,212	-12,762	-13,212	-12,762	-13,212
28	(RL)	55,054	1,037	55,054	1,037	88,585	2,195	88,585	2,195	88,585	2,195	88,585	2,195
29	(RL)	-4,436	-10,530	-4,436	-10,530	-8,871	-7,077	-8,871	-7,077	-8,871	-7,077	-8,871	-7,077
30	(KS16)	82,360	1,695	82,360	1,695	133,331	3,858	133,331	3,858	133,331	3,858	133,331	3,858
31	(KS16)	-8,069	-15,708	-8,069	-15,708	-16,139	-11,804	-16,139	-11,804	-16,139	-11,804	-16,139	-11,804
32	(KS16)	67,466	1,216	67,466	1,216	111,901	2,855	111,901	2,855	111,901	2,855	111,901	2,855
33	(KS16)	-5,250	-12,426	-5,250	-12,426	-11,579	-9,126	-11,579	-9,126	-11,579	-9,126	-11,579	-9,126

NO.	LOAD NAME	Q-Z(I)		M-Y(T,H)		Q-Z(I)		M-Y(T,H)		Q-Z(I)	
		15	21	21	15	21	27	21	27	21	27
1		-2.195	11.242	7.128	11.242	-7.128	-34.429	12.061			
2		5.217	27.452	18.235	27.452	-18.235	-90.235	31.254			
3	(+)	0.231	1.448	0.380	1.448	-0.231	1.329	0.380			
4	(+)	0.380	0.585	-0.231	0.585	0.380	-1.173	-0.231			
5	(+)	0.569	30.662	21.349	30.662	-21.349	0.569	27.276			
6	(+)	-3.719	-12.463	-0.569	-12.463	3.719	-84.442	-0.569			
7	(+)	0.393	11.446	11.595	11.446	-0.393	6.529	11.595			
8	(+)	-13.682	-6.307	-6.307	-6.307	13.682	-63.790	-6.307			
9	(+)	0.178	11.040	7.691	11.040	-0.178	3.087	7.691			
10	(+)	6.416	3.895	-3.895	3.895	6.416	-29.586	-3.895			
11	(+)	0.123	4.429	4.429	4.429	-0.123	2.040	4.429			
12	(+)	-4.552	-1.971	-1.971	-1.971	4.552	-6.134	-1.971			
13	(+)	0.129	7.746	2.870	7.746	-0.129	2.006	2.870			
14	(+)	-2.827	-6.559	-0.129	-6.559	2.827	-9.395	-0.129			
15	(+)	0.086	2.504	1.670	2.504	-0.086	1.331	1.670			
16	(+)	-1.670	-2.672	-0.086	-2.672	1.670	-5.444	-0.086			
17	(+)	0.667	30.281	17.356	30.281	-0.667	11.584	17.356			
18	(+)	-11.027	-14.289	-0.667	-14.289	11.027	-83.169	-0.667			
19	(+)	0.461	13.390	9.136	13.390	-0.461	7.656	9.136			
20	(+)	-11.638	-8.938	-0.461	-8.938	11.638	-45.205	-0.461			
21	(+)	0.418	28.704	15.748	28.704	-0.418	7.261	15.748			
22	(+)	-9.819	-9.160	-0.418	-9.160	9.819	-71.442	-0.418			
23	(+)	0.408	8.395	7.552	8.395	-0.408	0.678	7.552			
24	(+)	-9.025	-6.650	-0.408	-6.650	9.025	-31.973	-0.408			
25	(+)	0.307	18.786	10.361	18.786	-0.307	5.093	10.361			
26	(+)	-7.260	-8.454	-0.307	-8.454	7.260	-38.981	-0.307			
27	(+)	0.208	6.933	5.804	6.933	-0.208	5.371	5.804			
28	(+)	-6.221	-4.643	-0.208	-4.643	6.221	-20.748	-0.208			
29	(+)	0.961	41.908	32.944	41.908	-0.961	16.408	32.944			
30	(+)	-27.401	-18.770	-0.961	-18.770	27.401	-128.232	-0.961			
31	(+)	0.515	25.719	16.165	25.719	-0.515	8.464	16.165			
32	(+)	-13.462	-13.097	-0.515	-13.097	13.462	-59.729	-0.515			
33	(+)	1.127	43.671	26.491	43.671	-1.127	19.239	26.491			
34	(+)	-22.665	-23.927	-1.127	-23.927	22.665	-12.374	-1.127			
35	(+)	0.826	37.049	23.500	37.049	-0.826	13.940	23.500			
36	(+)	-18.843	-15.811	-0.826	-15.811	18.843	-103.415	-0.826			

** RAILWAY BRIDGE **

NO.	LOAD NAME	M-Y(T.M) 27 - 33	Q-Z(T) 27 - 33	M-Y(T.M) 33 - 27	Q-Z(T) 33 - 27	M-Y(T.M) 33 - 39	Q-Z(T) 33 - 39	M-Y(T.M) 39 - 35	Q-Z(T.M) 39 - 35
1		-34.629	9.220	-3.715	-4.620	-3.715	4.620	6.584	6.584
2		-20.331	24.736	-7.391	-12.617	-7.391	12.617	21.669	21.669
3	(+)	1.329	0.176	0.655	0.415	0.655	0.176	1.318	1.318
4	(RUL)	-1.173	-0.415	-1.561	-0.176	-1.561	-0.415	-3.287	-3.287
5	(+)	9.879	23.316	22.075	2.766	22.075	17.231	58.638	58.638
6	(-)	-85.642	-2.766	-28.713	-17.231	-28.713	-2.766	-18.672	-18.672
7	(RUR)	6.329	8.292	8.611	1.909	8.611	3.292	34.807	34.807
8	(-)	-43.790	-1.909	-17.571	-8.292	-17.571	-1.909	-10.632	-10.632
9	(RL1L)	3.087	8.521	8.899	0.864	8.899	6.044	21.844	21.844
10	(-)	-29.586	-0.864	-9.190	-6.044	-9.190	-0.864	-6.585	-6.585
11	(+)	2.040	2.971	2.691	0.597	2.691	2.971	13.601	13.601
12	(RL1R)	-15.305	-0.597	-6.230	-2.971	-6.230	-0.597	-3.260	-3.260
13	(-)	2.006	2.861	7.736	0.583	7.736	2.816	15.249	15.249
14	(+)	-9.395	-0.583	-6.141	-2.816	-6.141	-0.583	-3.175	-3.175
15	(RL2R)	1.331	1.380	2.545	0.414	2.545	1.380	8.672	8.672
16	(-)	-5.443	-0.414	-3.736	-1.380	-3.736	-0.414	-2.389	-2.389
17	(RL1L)	11.584	22.703	26.495	3.243	26.495	16.599	46.705	46.705
18	(+)	-83.169	-3.243	-33.664	-16.599	-33.664	-3.243	-17.202	-17.202
19	(RL1R)	7.526	8.144	10.310	2.239	10.310	8.144	29.105	29.105
20	(-)	-43.205	-2.239	-19.687	-8.144	-19.687	-2.239	-12.429	-12.429
21	(KS16L)	7.261	17.669	16.226	2.033	16.226	13.356	40.959	40.959
22	(-)	-71.442	-2.033	-28.949	-13.356	-28.949	-2.033	-15.122	-15.122
23	(KS16R)	6.678	5.619	8.950	1.981	8.950	5.619	25.031	25.031
24	(+)	-31.973	-1.981	-12.343	-5.619	-12.343	-1.981	-10.907	-10.907
25	(RL)	5.093	11.382	14.635	1.448	14.635	8.866	37.093	37.093
26	(-)	-38.981	-1.448	-15.331	-8.866	-15.331	-1.448	-7.760	-7.760
27	(RLR)	3.371	4.351	5.236	1.011	5.236	4.351	22.073	22.073
28	(+)	-20.748	-1.011	-4.351	-5.236	-4.351	-1.011	-5.629	-5.629
29	(RU)	16.408	31.608	30.686	4.675	30.686	23.522	93.445	93.445
30	(-)	-128.232	-4.675	-48.284	-23.522	-48.284	-4.675	-25.104	-25.104
31	(RL)	8.464	15.733	19.871	2.459	19.871	13.217	59.165	59.165
32	(-)	-59.229	-2.459	-25.798	-13.217	-25.798	-2.459	-13.389	-13.389
33	(RL1)	19.539	30.847	36.805	5.981	36.805	26.743	75.810	75.810
34	(-)	-126.314	-5.981	-53.331	-26.743	-53.331	-5.981	-23.431	-23.431
35	(KS16)	13.940	23.287	25.176	4.014	25.176	18.975	65.990	65.990
36	(-)	-103.415	-4.014	-61.292	-18.975	-61.292	-4.014	-26.029	-26.029

NO.	LOAD NAME	Q-Z(T)		M-Y(T,H)		Q-Z(T)		M-Y(T,H)		Q-Z(T)		M-Y(T,H)	
		39	45	39	45	45	51	45	51	45	51	45	51
1		-0.020	0.584	-0.046	-3.830	4.646	-3.830	4.646	-3.830	-4.646			
2		-0.478	21.669	-0.530	-7.622	12.669	-7.622	12.669	-7.622	-12.669			
3	(+)	0.415	1.318	0.409	0.660	0.177	0.660	0.177	0.660	0.409	-0.177		
4	(+)	-0.176	-3.287	-0.177	-1.598	-0.409	-1.598	-0.409	-1.598	-0.177	-0.177		
5	(+)	2.766	56.638	2.745	22.114	17.257	22.114	17.257	22.114	2.745	-2.745		
6	(+)	-9.236	-14.622	-9.236	-28.895	-2.745	-28.895	-2.745	-28.895	-17.257	-17.257		
7	(+)	1.909	34.808	1.912	8.907	8.288	8.907	8.288	8.907	1.912	1.912		
8	(+)	-10.017	-10.432	-10.014	-17.543	-1.912	-17.543	-1.912	-17.543	-8.288	-8.288		
9	(+)	0.864	21.843	0.858	6.911	6.057	6.911	6.057	6.911	0.858	0.858		
10	(+)	-3.011	-4.565	-3.019	-9.279	-0.858	-9.279	-0.858	-9.279	-6.057	-6.057		
11	(+)	0.597	13.401	0.597	2.690	2.970	2.690	2.970	2.690	0.597	0.597		
12	(+)	-3.316	-3.260	-3.315	-6.120	-0.597	-6.120	-0.597	-6.120	-2.970	-2.970		
13	(+)	0.583	15.249	0.581	7.745	2.859	7.745	2.859	7.745	0.581	0.581		
14	(+)	-2.374	-3.175	-2.467	-6.183	-0.581	-6.183	-0.581	-6.183	-2.859	-2.859		
15	(+)	0.414	8.672	0.415	2.245	1.380	2.245	1.380	2.245	0.415	0.415		
16	(+)	-1.380	-2.369	-1.380	-3.731	-0.415	-3.731	-0.415	-3.731	-2.245	-2.245		
17	(+)	3.223	46.705	3.219	26.581	16.612	26.581	16.612	26.581	3.219	3.219		
18	(+)	-10.076	-11.202	-10.089	-33.877	-3.219	-33.877	-3.219	-33.877	-16.612	-16.612		
19	(+)	2.239	29.106	2.241	10.596	8.143	10.596	8.143	10.596	2.241	2.241		
20	(+)	-10.215	-12.229	-10.213	-19.663	-2.241	-19.663	-2.241	-19.663	-8.143	-8.143		
21	(+)	2.033	40.959	2.834	25.180	12.851	25.180	12.851	25.180	2.834	2.834		
22	(+)	-9.230	-15.122	-6.363	-21.238	-2.834	-21.238	-2.834	-21.238	-12.851	-12.851		
23	(+)	1.981	23.031	1.405	6.327	6.946	6.327	6.946	6.327	1.405	1.405		
24	(+)	-6.836	-10.907	-8.160	-16.846	-1.405	-16.846	-1.405	-16.846	-6.946	-6.946		
25	(+)	1.418	37.093	1.439	15.656	8.916	15.656	8.916	15.656	1.439	1.439		
26	(+)	-5.343	-7.760	-5.486	-15.462	-1.439	-15.462	-1.439	-15.462	-8.916	-8.916		
27	(+)	1.011	22.073	1.012	5.235	4.350	5.235	4.350	5.235	1.012	1.012		
28	(+)	-4.696	-5.629	-4.695	-10.452	-1.012	-10.452	-1.012	-10.452	-4.350	-4.350		
29	(+)	4.675	93.445	4.657	30.721	23.543	30.721	23.543	30.721	4.657	4.657		
30	(+)	-19.233	-25.104	-19.278	-46.438	-4.657	-46.438	-4.657	-46.438	-23.543	-23.543		
31	(+)	2.459	59.165	2.450	19.890	13.266	19.890	13.266	19.890	2.450	2.450		
32	(+)	-10.061	-13.389	-10.182	-25.913	-2.450	-25.913	-2.450	-25.913	-13.266	-13.266		
33	(+)	5.481	75.810	5.460	36.887	24.755	36.887	24.755	36.887	5.460	5.460		
34	(+)	-20.291	-29.431	-20.303	-53.540	-5.460	-53.540	-5.460	-53.540	-24.755	-24.755		
35	(+)	4.014	65.990	4.219	31.507	19.797	31.507	19.797	31.507	4.219	4.219		
36	(+)	-16.086	-22.022	-14.523	-38.084	-4.219	-38.084	-4.219	-38.084	-19.797	-19.797		

NO.	LOAD NAME	M-Y(T,M)		Q-Z(T,T)		M-Y(T,M)		Q-Z(T,T)		M-Y(T,M)		Q-Z(T,T)	
		51	45	51	45	51	57	51	57	51	57	51	57
1		-34.659	9.246	-34.659	9.246	12.121	11.294	12.121	11.294	-7.188	-11.294	-7.188	-11.294
2	(+)	-90.793	24.608	-90.793	24.608	31.373	27.557	31.373	27.557	-18.354	-27.557	-18.354	-27.557
3	(-)	1.318	0.177	1.318	0.177	0.397	1.465	0.397	1.465	0.232	1.465	0.232	1.465
4	(+)	-1.226	-0.409	-1.226	-0.409	-0.532	-0.588	-0.532	-0.588	-0.597	-0.588	-0.597	-0.588
5	(-)	9.792	23.345	9.792	23.345	27.371	30.576	27.371	30.576	0.558	30.576	0.558	30.576
6	(+)	-84.877	-2.745	-84.877	-2.745	-12.517	-12.517	-12.517	-12.517	-21.622	-12.517	-21.622	-12.517
7	(-)	6.538	8.288	6.538	8.288	11.581	11.431	11.581	11.431	0.394	11.431	0.394	11.431
8	(+)	-5.740	-1.912	-5.740	-1.912	-0.394	-6.301	-0.394	-6.301	-1.381	-6.301	-1.381	-6.301
9	(-)	3.060	8.530	3.060	8.530	9.936	11.086	9.936	11.086	0.175	11.086	0.175	11.086
10	(+)	-29.742	-0.858	-29.742	-0.858	-0.175	-3.912	-0.175	-3.912	-7.696	-3.912	-7.696	-3.912
11	(-)	2.043	2.970	2.043	2.970	4.129	4.423	4.129	4.423	0.123	4.423	0.123	4.423
12	(+)	-15.287	-0.597	-15.287	-0.597	-0.123	-1.269	-0.123	-1.269	-6.129	-1.269	-6.129	-1.269
13	(-)	1.992	2.879	1.992	2.879	3.043	7.761	3.043	7.761	0.127	7.761	0.127	7.761
14	(+)	-9.456	-0.581	-9.456	-0.581	-0.127	-4.563	-0.127	-4.563	-3.022	-4.563	-3.022	-4.563
15	(-)	1.333	1.380	1.333	1.380	1.667	2.501	1.667	2.501	0.086	2.501	0.086	2.501
16	(+)	-5.437	-0.415	-5.437	-0.415	-0.086	-2.672	-0.086	-2.672	-1.667	-2.672	-1.667	-2.672
17	(-)	11.481	22.716	11.481	22.716	24.063	30.421	24.063	30.421	0.655	30.421	0.655	30.421
18	(+)	-83.399	-3.219	-83.399	-3.219	-0.655	-16.999	-0.655	-16.999	-18.006	-16.999	-18.006	-16.999
19	(-)	7.666	8.143	7.666	8.143	9.127	13.374	9.127	13.374	0.461	13.374	0.461	13.374
20	(+)	-43.176	-2.241	-43.176	-2.241	-0.461	-7.618	-0.461	-7.618	-9.127	-7.618	-9.127	-7.618
21	(-)	10.039	17.587	10.039	17.587	19.030	19.087	19.030	19.087	0.585	19.087	0.585	19.087
22	(+)	-64.267	-2.834	-64.267	-2.834	-0.585	-13.317	-0.585	-13.317	-14.563	-13.317	-14.563	-13.317
23	(-)	4.805	6.946	4.805	6.946	7.891	11.474	7.891	11.474	0.289	11.474	0.289	11.474
24	(+)	-37.016	-1.605	-37.016	-1.605	-0.289	-4.631	-0.289	-4.631	-7.891	-4.631	-7.891	-4.631
25	(-)	11.409	11.409	11.409	11.409	12.979	18.848	12.979	18.848	0.302	18.848	0.302	18.848
26	(+)	-39.198	-1.439	-39.198	-1.439	-0.302	-8.474	-0.302	-8.474	-10.718	-8.474	-10.718	-8.474
27	(-)	3.376	4.350	3.376	4.350	5.797	6.924	5.797	6.924	0.209	6.924	0.209	6.924
28	(+)	-20.724	-1.012	-20.724	-1.012	-0.209	-4.641	-0.209	-4.641	-5.797	-4.641	-5.797	-4.641
29	(-)	16.329	31.634	16.329	31.634	38.952	42.007	38.952	42.007	0.952	42.007	0.952	42.007
30	(+)	-128.616	-1.657	-128.616	-1.657	-0.952	-18.818	-0.952	-18.818	-33.204	-18.818	-33.204	-18.818
31	(-)	8.428	15.759	8.428	15.759	18.776	25.772	18.776	25.772	0.510	25.772	0.510	25.772
32	(+)	-59.922	-2.450	-59.922	-2.450	-0.510	-13.115	-0.510	-13.115	-16.515	-13.115	-16.515	-13.115
33	(-)	19.147	30.859	19.147	30.859	33.189	43.795	33.189	43.795	1.116	43.795	1.116	43.795
34	(+)	-126.575	-5.460	-126.575	-5.460	-1.116	-24.618	-1.116	-24.618	-27.133	-24.618	-27.133	-24.618
35	(-)	14.844	24.333	14.844	24.333	26.922	30.561	26.922	30.561	0.874	30.561	0.874	30.561
36	(+)	-101.284	-4.239	-101.284	-4.239	-0.874	-17.949	-0.874	-17.949	-22.454	-17.949	-22.454	-17.949

** RAILWAY BRIDGE **

NO.	LOAD NAME	Q-Z(T)	M-Y(T,M)	Q-Z(T)	M-Y(T,M)	Q-Z(T)	M-Y(T,M)	Q-Z(T)	M-Y(T,M)
		57 - 63	63 - 57	63 - 57	63 - 57	63 - 57	63 - 57	63 - 57	63 - 57
1		7.189	33.267	-2.255	33.767	1.386	28.824	3.547	5.547
2		18.354	83.940	-5.336	83.940	4.201	72.924	8.817	8.817
3		0.397	3.175	0.232	3.175	0.159	1.588	0.334	0.334
4	(RUL)	-0.232	-1.512	-0.397	-1.512	-0.334	-1.588	-0.159	-0.159
5		21.464	102.670	0.397	102.669	1.973	73.228	32.749	32.749
6		-0.558	-7.185	-13.861	-7.185	-4.915	-3.593	-0.753	-0.753
7	(RUR)	11.581	66.516	0.394	66.516	0.595	33.258	6.987	6.987
8		-0.394	-5.660	-13.665	-5.660	-8.357	-2.330	-0.595	-0.595
9	(RL1L)	7.535	36.574	0.175	36.573	0.617	25.982	4.513	4.513
10		-0.175	-2.245	-4.456	-2.245	-1.461	-1.123	-0.236	-0.236
11	(RL1R)	4.129	24.054	0.123	24.055	0.186	12.027	2.527	2.527
12		-0.123	-1.769	-6.546	-1.769	-2.801	-0.884	-0.186	-0.186
13	(RL2L)	2.845	17.629	0.127	17.629	1.027	11.973	2.515	2.515
14		-0.127	-2.848	-2.727	-2.848	-1.852	-1.424	-0.387	-0.387
15	(RL2R)	1.667	10.438	0.086	10.438	0.227	5.219	1.096	1.096
16		-0.086	-2.158	-1.667	-2.158	-1.096	-1.079	-0.227	-0.227
17	(RL1L)	17.430	79.997	0.655	79.996	3.017	55.692	9.935	9.935
18		-0.655	-10.010	-11.129	-10.010	-4.519	-5.005	-1.052	-1.052
19	(RL1R)	9.127	53.863	0.441	53.863	0.715	26.931	5.658	5.658
20		-0.441	-6.805	-11.625	-6.805	-7.302	-3.402	-0.715	-0.715
21	(KS16L)	14.261	65.997	0.585	65.996	1.500	48.612	9.149	9.149
22		-0.585	-8.055	-9.832	-8.055	-3.765	-4.028	-0.846	-0.846
23	(KS16R)	7.891	46.030	0.289	46.050	0.437	23.035	4.837	4.837
24		-0.289	-4.160	-9.362	-4.160	-3.804	-2.030	-0.437	-0.437
25	(RL1L)	10.380	54.203	0.302	54.202	1.543	37.935	7.028	7.028
26		-0.302	-5.094	-7.183	-5.093	-3.313	-2.547	-0.623	-0.623
27	(RL1R)	5.797	34.432	0.209	34.492	0.415	17.246	3.623	3.623
28		-0.209	-3.927	-8.214	-3.927	-3.897	-1.934	-0.415	-0.415
29	(RU)	33.046	169.136	0.952	169.185	2.568	106.486	19.736	19.736
30		-0.952	-12.815	-27.527	-12.845	-13.272	-6.423	-1.349	-1.349
31	(RL)	16.177	88.695	0.510	88.694	2.056	55.201	10.652	10.652
32		-0.510	-9.021	-13.396	-9.021	-7.310	-4.510	-1.036	-1.036
33	(RLT)	26.556	135.860	1.116	133.859	3.732	82.623	15.613	15.613
34		-1.116	-16.815	-22.755	-16.815	-11.822	-8.407	-1.766	-1.766
35	(KS16)	22.153	112.047	0.874	112.047	2.337	71.637	13.989	13.989
36		-0.874	-12.216	-19.194	-12.215	-9.369	-6.108	-1.283	-1.283

** RAILWAY BRIDGE **

NO.	LOAD NAME	M-Y(T,M) 69 - 75	Q-Z(C,T) 69 - 75	M-Y(T,M) 75 - 69	Q-Z(C,T) 75 - 69	M-Y(T,M) 4 - 10	Q-Z(C,T) 4 - 10	M-Y(T,M) 10 - 4
1		28.624	-8.547	-0.000	8.480	-0.000	8.443	28.651
2		72.954	-8.817	-0.000	21.836	-0.000	21.763	72.606
3	(+)	1.588	0.159	0.000	0.334	0.000	0.322	1.533
4	(RUL)	73.228	-0.334	-0.000	-0.159	-0.000	-0.158	-0.150
5	(RUR)	33.593	0.755	0.000	19.997	0.000	6.997	33.305
6	(RL1L)	25.982	-12.749	-0.000	-0.755	-0.000	-0.594	-2.823
7	(RL1R)	12.027	0.595	0.000	6.987	0.000	19.934	72.867
8	(RL2L)	11.973	-6.987	-0.000	-0.595	-0.000	-0.748	-3.558
9	(RL2R)	1.424	0.236	0.000	7.122	0.000	2.530	12.064
10	(RL'L)	5.219	-4.513	-0.000	-0.236	-0.000	-0.186	-0.384
11	(RL'R)	55.592	0.186	0.000	2.527	0.000	7.097	25.851
12	(RS16L)	5.005	-2.527	-0.000	-0.186	-0.000	-0.234	-1.112
13	(RS16R)	26.931	0.387	0.000	2.606	0.000	1.098	5.225
14	(RL1)	3.402	-2.515	-0.000	-0.299	-0.000	-0.227	-1.080
15	(RL2)	48.812	0.227	0.000	1.096	0.000	2.599	11.932
16	(RS16)	4.028	-1.096	-0.000	-0.227	-0.000	-0.296	-1.411
17	(RL)	23.025	1.052	0.000	16.241	0.000	5.665	26.965
18	(RS16)	37.955	-9.255	-0.000	-1.052	-0.000	-0.714	-3.600
19	(RL)	17.246	0.715	0.000	5.658	0.000	19.179	55.394
20	(RS16)	1.966	-5.658	-0.000	-0.715	-0.000	-1.042	-4.958
21	(RL)	106.856	0.866	0.000	14.025	0.000	4.843	23.054
22	(RS16)	5.201	-9.149	-0.000	-0.846	-0.000	-0.437	-2.079
23	(RL)	4.510	0.437	0.000	4.837	0.000	13.985	48.581
24	(RS16)	82.625	-4.837	-0.000	-0.437	-0.000	-0.838	-3.989
25	(RL)	8.407	0.623	0.000	9.729	0.000	3.628	17.269
26	(RS16)	71.637	-7.028	-0.000	-0.623	-0.000	-0.413	-1.964
27	(RL)	6.108	0.413	0.000	3.623	0.000	9.697	37.783
28	(RS16)	5.201	-3.623	-0.000	-0.413	-0.000	-0.530	-2.523
29	(RL)	55.201	1.349	0.000	26.984	0.000	26.931	106.172
30	(RS16)	4.510	-19.736	-0.000	-1.349	-0.000	-1.342	-6.387
31	(RL)	82.625	1.036	0.000	13.352	0.000	13.325	55.052
32	(RS16)	7.407	-10.652	-0.000	-0.948	-0.000	-0.943	-4.687
33	(RL)	8.407	1.766	0.000	21.899	0.000	21.844	82.359
34	(RS16)	71.637	-15.613	-0.000	-1.766	-0.000	-1.756	-8.358
35	(RL)	6.108	1.283	0.000	18.862	0.000	18.828	71.435
36	(RS16)	5.201	-1.283	-0.000	-1.283	-0.000	-1.275	-6.068

** RAILWAY BRIDGE **

NO.	LOAD NAME	9-25 (T)		M-Y (T, M)		9-25 (T)		M-Y (T, M)		9-25 (T)		M-Y (T, M)	
		10	4	10	16	10	16	10	16	10	16	10	16
1		-3.511	28.151	3.511	33.420	1.422	33.420	-2.197	33.420	3.511	33.420	-2.197	33.420
2		-8.744	72.606	8.744	83.244	4.275	83.244	-5.249	83.244	8.744	83.244	-5.249	83.244
3	(+)	0.158	1.533	0.322	3.066	0.158	3.066	0.231	3.066	0.322	3.066	0.231	3.066
4	(-)	-0.322	-0.500	-0.158	-1.500	-0.322	-1.500	-0.380	-1.500	-0.158	-1.500	-0.380	-1.500
5	(+)	0.594	33.505	6.997	66.610	0.594	66.610	0.396	66.610	6.997	66.610	0.396	66.610
6	(-)	-6.997	-2.828	-0.594	-5.657	-6.997	-5.657	-13.680	-5.657	-0.594	-5.657	-13.680	-5.657
7	(+)	0.748	72.673	12.673	101.938	2.003	101.938	0.564	101.938	12.673	101.938	0.564	101.938
8	(-)	-12.673	-4.833	-0.748	-7.116	-12.673	-7.116	-13.723	-7.116	-0.748	-7.116	-13.723	-7.116
9	(+)	0.186	12.044	2.530	24.088	0.186	24.088	0.124	24.088	2.530	24.088	0.124	24.088
10	(-)	-2.530	-0.884	-0.186	-1.768	-2.530	-1.768	-6.551	-1.768	-0.186	-1.768	-6.551	-1.768
11	(+)	0.234	25.951	4.485	36.308	0.234	36.308	0.176	36.308	4.485	36.308	0.176	36.308
12	(-)	-4.485	-1.112	-0.234	-2.224	-4.485	-2.224	-4.415	-2.224	-0.234	-2.224	-4.415	-2.224
13	(+)	0.227	5.225	1.098	10.451	0.227	10.451	0.086	10.451	1.098	10.451	0.086	10.451
14	(-)	-1.098	-1.840	-0.227	-2.161	-1.098	-2.161	-1.670	-2.161	-0.227	-2.161	-1.670	-2.161
15	(+)	0.395	11.932	2.507	17.513	0.395	17.513	0.128	17.513	2.507	17.513	0.128	17.513
16	(-)	-2.507	-1.411	-0.395	-2.822	-2.507	-2.822	-2.709	-2.822	-0.395	-2.822	-2.709	-2.822
17	(+)	0.714	26.965	5.665	53.930	0.714	53.930	0.464	53.930	5.665	53.930	0.464	53.930
18	(-)	-5.665	-3.800	-0.714	-6.801	-5.665	-6.801	-7.638	-6.801	-0.714	-6.801	-7.638	-6.801
19	(+)	1.042	55.594	9.879	79.399	3.060	79.399	0.661	79.399	9.879	79.399	0.661	79.399
20	(-)	-9.879	-4.958	-1.042	-9.916	-9.879	-9.916	-11.026	-9.916	-1.042	-9.916	-11.026	-9.916
21	(+)	0.437	23.054	4.843	46.108	0.437	46.108	0.291	46.108	4.843	46.108	0.291	46.108
22	(-)	-4.843	-2.079	-0.437	-5.812	-4.843	-5.812	-6.158	-5.812	-0.437	-5.812	-6.158	-5.812
23	(+)	0.838	48.381	9.100	65.530	1.945	65.530	0.591	65.530	9.100	65.530	0.591	65.530
24	(-)	-9.100	-3.989	-0.838	-7.979	-9.100	-7.979	-9.748	-7.979	-0.838	-7.979	-9.748	-7.979
25	(+)	0.413	17.269	3.628	34.539	0.413	34.539	0.210	34.539	3.628	34.539	0.210	34.539
26	(-)	-3.628	-1.964	-0.413	-3.928	-3.628	-3.928	-6.220	-3.928	-0.413	-3.928	-6.220	-3.928
27	(+)	0.629	37.783	6.992	53.822	1.664	53.822	0.305	53.822	6.992	53.822	0.305	53.822
28	(-)	-6.992	-2.923	-0.629	-5.046	-6.992	-5.046	-7.124	-5.046	-0.629	-5.046	-7.124	-5.046
29	(+)	1.342	106.172	19.670	168.547	2.597	168.547	0.960	168.547	19.670	168.547	0.960	168.547
30	(-)	-19.670	-6.387	-1.342	-13.210	-19.670	-13.210	-27.403	-13.210	-1.342	-13.210	-27.403	-13.210
31	(+)	1.041	55.052	10.620	88.360	2.077	88.360	0.514	88.360	10.620	88.360	0.514	88.360
32	(-)	-10.620	-4.487	-1.041	-8.974	-10.620	-8.974	-13.344	-8.974	-1.041	-8.974	-13.344	-8.974
33	(+)	1.756	82.359	15.544	133.329	3.774	133.329	1.125	133.329	15.544	133.329	1.125	133.329
34	(-)	-15.544	-8.358	-1.756	-16.717	-15.544	-16.717	-22.665	-16.717	-1.756	-16.717	-22.665	-16.717
35	(+)	1.275	71.435	13.943	111.638	2.382	111.638	0.883	111.638	13.943	111.638	0.883	111.638
36	(-)	-13.943	-6.068	-1.275	-12.137	-13.943	-12.137	-19.320	-12.137	-1.275	-12.137	-19.320	-12.137

** RAILWAY BRIDGE **

NO.	LOAD NAME	M-Y(T.M)		Q-Z(T.)		M-Y(T.M)		Q-Z(T.)		M-Y(T.M)		Q-Z(T.)	
		22	16	22	16	22	16	22	16	22	16	22	16
1		11.224	7.130	11.224	7.130	-7.130	-34.453	12.062	-34.453	12.062	-34.453	12.062	-34.453
2		27.417	18.238	27.417	18.238	-18.238	-90.379	31.256	-90.379	31.256	-90.379	31.256	-90.379
3	(+)	1.442	0.380	1.442	0.380	0.380	1.321	0.380	1.321	0.380	1.321	0.380	1.321
4	(-)	0.585	-0.231	0.585	-0.231	-0.231	-3.172	-0.231	-3.172	-0.231	-3.172	-0.231	-3.172
5	(+)	11.471	11.593	11.471	11.593	11.593	6.570	11.593	6.570	11.593	6.570	11.593	6.570
6	(-)	6.285	-0.396	6.285	-0.396	-0.396	-63.753	-0.396	-63.753	-0.396	-63.753	-0.396	-63.753
7	(+)	30.417	21.353	30.417	21.353	21.353	9.808	27.280	9.808	27.280	9.808	27.280	9.808
8	(-)	12.503	-0.564	12.503	-0.564	-0.564	-84.507	-0.564	-84.507	-0.564	-84.507	-0.564	-84.507
9	(+)	4.437	4.134	4.437	4.134	4.134	2.053	4.134	2.053	4.134	2.053	4.134	2.053
10	(-)	1.964	-0.124	1.964	-0.124	-0.124	-15.293	-0.124	-15.293	-0.124	-15.293	-0.124	-15.293
11	(+)	11.026	7.493	11.026	7.493	7.493	9.900	9.900	9.900	9.900	9.900	9.900	9.900
12	(-)	2.907	-0.176	2.907	-0.176	-0.176	-29.607	-0.176	-29.607	-0.176	-29.607	-0.176	-29.607
13	(+)	2.504	1.670	2.504	1.670	1.670	1.340	1.670	1.340	1.670	1.340	1.670	1.340
14	(-)	2.673	-0.086	2.673	-0.086	-0.086	-5.443	-0.086	-5.443	-0.086	-5.443	-0.086	-5.443
15	(+)	7.745	2.827	7.745	2.827	2.827	1.995	3.032	1.995	3.032	1.995	3.032	1.995
16	(-)	4.557	-0.128	4.557	-0.128	-0.128	-9.397	-0.128	-9.397	-0.128	-9.397	-0.128	-9.397
17	(+)	13.392	9.136	13.392	9.136	9.136	7.704	9.136	7.704	9.136	7.704	9.136	7.704
18	(-)	2.599	-0.664	2.599	-0.664	-0.664	-43.211	-0.664	-43.211	-0.664	-43.211	-0.664	-43.211
19	(+)	30.277	17.555	30.277	17.555	17.555	11.500	23.988	11.500	23.988	11.500	23.988	11.500
20	(-)	16.978	-0.661	16.978	-0.661	-0.661	-83.157	-0.661	-83.157	-0.661	-83.157	-0.661	-83.157
21	(+)	11.489	7.900	11.489	7.900	7.900	4.829	7.900	4.829	7.900	4.829	7.900	4.829
22	(-)	4.620	-0.291	4.620	-0.291	-0.291	-37.046	-0.291	-37.046	-0.291	-37.046	-0.291	-37.046
23	(+)	18.997	14.191	18.997	14.191	14.191	10.055	18.970	10.055	18.970	10.055	18.970	10.055
24	(-)	13.301	-0.591	13.301	-0.591	-0.591	-64.050	-0.591	-64.050	-0.591	-64.050	-0.591	-64.050
25	(+)	6.941	5.803	6.941	5.803	5.803	3.393	5.803	3.393	5.803	3.393	5.803	3.393
26	(-)	4.637	-0.210	4.637	-0.210	-0.210	-20.736	-0.210	-20.736	-0.210	-20.736	-0.210	-20.736
27	(+)	18.771	10.319	18.771	10.319	10.319	5.060	12.932	5.060	12.932	5.060	12.932	5.060
28	(-)	8.464	-0.305	8.464	-0.305	-0.305	-39.003	-0.305	-39.003	-0.305	-39.003	-0.305	-39.003
29	(+)	41.888	32.946	41.888	32.946	32.946	16.378	38.873	16.378	38.873	16.378	38.873	16.378
30	(-)	12.787	-0.960	12.787	-0.960	-0.960	-128.259	-0.960	-128.259	-0.960	-128.259	-0.960	-128.259
31	(+)	25.712	16.122	25.712	16.122	16.122	8.453	18.735	8.453	18.735	8.453	18.735	8.453
32	(-)	13.101	-0.514	13.101	-0.514	-0.514	-59.739	-0.514	-59.739	-0.514	-59.739	-0.514	-59.739
33	(+)	43.669	26.491	43.669	26.491	26.491	19.204	31.124	19.204	31.124	19.204	31.124	19.204
34	(-)	24.577	-1.125	24.577	-1.125	-1.125	-126.369	-1.125	-126.369	-1.125	-126.369	-1.125	-126.369
35	(+)	30.486	22.091	30.486	22.091	22.091	14.884	26.870	14.884	26.870	14.884	26.870	14.884
36	(-)	17.921	-0.881	17.921	-0.881	-0.881	-101.026	-0.881	-101.026	-0.881	-101.026	-0.881	-101.026

** RAILWAY BRIDGE **

NO.	LOAD NAME	Q-Z(T.M)		M-Y(T.M)		Q-Z(T.L)		M-Y(T.M)		Q-Z(T.L)		M-Y(T.M)	
		28 - 34	34 - 28	34 - 28	28 - 34	34 - 28	28 - 34	34 - 28	34 - 28	28 - 34	34 - 28	34 - 28	28 - 34
1		9.225	-3.714	-4.624	-3.714	4.626	6.609	-0.026					
2		24.747	-7.590	-12.628	-7.590	12.628	21.719	-0.429					
3	(+)	0.175	0.555	0.413	0.555	0.175	1.316	0.473					
4	(+)	-0.413	-1.561	-0.175	-1.561	-0.413	-3.277	-0.175					
5	(+)	8.282	8.596	1.923	8.596	8.282	34.748	1.923					
6	(+)	-1.523	-17.388	-8.282	-17.388	-1.523	-10.008	-10.008					
7	(+)	23.533	22.090	2.745	22.090	17.246	58.720	2.745					
8	(+)	-2.745	-28.711	-17.246	-28.711	-2.745	-14.569	-9.751					
9	(+)	2.568	2.686	0.601	2.686	2.568	15.383	0.601					
10	(+)	-0.601	-6.736	-2.968	-6.736	-0.601	-3.281	-3.281					
11	(+)	8.526	6.903	0.833	6.903	6.053	21.867	0.833					
12	(+)	-0.833	-9.184	-6.053	-9.184	-0.833	-4.553	-3.015					
13	(+)	1.581	2.546	0.416	2.546	1.581	8.675	0.416					
14	(+)	-0.416	-3.736	-1.381	-3.736	-0.416	-2.378	-1.381					
15	(+)	2.880	7.736	0.581	7.736	2.880	15.244	0.581					
16	(+)	-0.581	-6.141	-2.880	-6.141	-0.581	-3.591	-2.468					
17	(+)	8.146	10.293	2.254	10.293	8.146	29.105	2.254					
18	(+)	-2.254	-19.689	-8.146	-19.689	-2.254	-12.308	-10.218					
19	(+)	22.699	20.533	3.219	20.533	16.595	46.695	3.219					
20	(+)	-3.219	-33.662	-16.595	-33.662	-3.219	-17.073	-10.073					
21	(+)	6.950	6.318	1.413	6.318	6.950	25.031	1.413					
22	(+)	-1.413	-16.868	-6.950	-16.868	-1.413	-10.223	-8.164					
23	(+)	17.573	25.754	2.835	25.754	12.838	40.922	2.835					
24	(+)	-2.835	-21.104	-12.838	-21.104	-2.835	-15.107	-6.355					
25	(+)	4.349	5.232	1.017	5.232	4.349	22.059	1.017					
26	(+)	-1.017	-10.472	-4.349	-10.472	-1.017	-5.659	-4.694					
27	(+)	11.408	14.639	1.439	14.639	8.914	37.112	1.439					
28	(+)	-1.439	-15.325	-8.914	-15.325	-1.439	-7.714	-5.423					
29	(+)	31.614	30.686	4.668	30.686	25.327	93.668	4.668					
30	(+)	-4.668	-46.300	-25.327	-46.300	-4.668	-25.668	-19.739					
31	(+)	15.755	19.871	2.456	19.871	13.262	59.171	2.456					
32	(+)	-2.456	-25.798	-13.262	-25.798	-2.456	-13.373	-10.177					
33	(+)	30.846	36.855	5.473	36.855	24.742	75.800	5.473					
34	(+)	-5.473	-53.351	-24.742	-53.351	-5.473	-29.389	-20.291					
35	(+)	24.323	31.472	4.248	31.472	19.787	65.983	4.248					
36	(+)	-4.248	-37.971	-19.787	-37.971	-4.248	-26.030	-14.519					

** RAILWAY BRIDGE **

NO.	LOAD NAME	M-Y(T,M) 40 - 46	Q-Z(C,T) 40 - 46	M-Y(T,M) 46 - 40	Q-Z(C,T) 46 - 40	M-Y(T,M) 46 - 52	Q-Z(C,T) 46 - 52	M-Y(T,M) 52 - 46
1		6.609	-0.030	-3.730	4.629	-3.730	-4.629	-34.685
2		21.710	-0.496	-7.422	12.635	-7.422	-12.635	-90.444
3	(+)	1.316	0.412	0.651	0.175	0.651	0.175	1.313
4	(-)	-3.277	-0.175	-1.561	-0.412	-1.561	-0.175	-1.312
5	(RUL)	34.748	1.912	8.615	8.285	8.615	1.912	6.536
6	(-)	-10.459	-1.011	-17.631	-1.912	-17.631	-1.011	-43.302
7	(RUR)	58.720	2.749	22.088	17.245	22.088	2.746	9.811
8	(-)	-14.549	-0.751	-28.107	-2.746	-28.107	-0.751	-84.501
9	(RL1L)	13.363	0.598	2.692	2.969	2.692	0.598	2.042
10	(-)	-3.281	-3.314	-6.752	-0.598	-6.752	-3.314	-2.969
11	(RL1R)	21.868	0.854	6.903	6.053	6.903	0.854	3.066
12	(-)	-4.523	-3.013	-9.183	-0.854	-9.183	-3.013	-27.605
13	(RL2L)	8.675	0.415	2.547	1.381	2.547	0.415	1.332
14	(-)	-2.378	-1.381	-3.745	-0.415	-3.745	-1.381	-5.446
15	(RL2R)	15.245	0.581	1.735	2.816	1.735	0.581	1.995
16	(-)	-3.361	-2.333	-6.140	-0.581	-6.140	-2.333	-9.396
17	(RL' L)	29.105	2.242	10.315	8.139	10.315	2.242	7.663
18	(-)	-12.308	-10.210	-18.735	-2.242	-18.735	-10.210	-43.218
19	(RL'R)	46.896	3.220	26.511	16.596	26.511	3.220	11.504
20	(-)	-17.081	-10.074	-33.657	-3.220	-33.657	-10.074	-83.156
21	(KS16L)	25.031	1.983	8.955	5.613	8.955	1.983	6.685
22	(-)	-10.923	-6.830	-12.373	-1.983	-12.373	-6.830	-31.979
23	(KS16R)	40.253	2.019	16.235	13.354	16.235	2.019	7.212
24	(-)	-15.108	-9.247	-28.943	-2.019	-28.943	-9.247	-71.431
25	(RLL)	22.058	1.012	5.239	4.350	5.239	1.012	3.375
26	(-)	-5.659	-4.695	-10.497	-1.012	-10.497	-4.695	-20.756
27	(RLR)	37.112	1.439	14.638	8.869	14.638	1.439	5.062
28	(-)	-7.714	-3.349	-15.323	-1.439	-15.323	-3.349	-39.001
29	(RU)	55.468	4.958	30.703	25.531	30.703	4.958	16.347
30	(-)	-25.069	-12.762	-46.338	-4.958	-46.338	-12.762	-128.303
31	(RL)	59.171	2.451	19.878	13.219	19.878	2.451	8.436
32	(-)	-13.373	-10.043	-25.820	-2.451	-25.820	-10.043	-57.238
33	(RL')	75.800	5.462	36.826	24.735	36.826	5.462	19.168
34	(-)	-29.389	-20.284	-53.352	-5.462	-53.352	-20.284	-126.374
35	(KS16)	65.984	4.002	25.190	18.966	25.190	4.002	13.896
36	(-)	-26.030	-16.077	-41.316	-4.002	-41.316	-16.077	-103.410

RAILWAY BRIDGE **

NO.	LOAD NAME	9-Z(T)		M-Y(T,M)		9-Z(Y)		M-Y(T,M)		9-Z(T)		M-Y(T,M)		
		52	46	52	58	52	58	52	58	52	58	52	58	
1		9.229		-34.485		12.071		11.231		-7.138		11.231		7.138
2		24.775		-90.444		31.273		27.431		-18.255		27.431		18.255
3	(+)	0.175		1.313		0.380		1.442		0.229		1.442		0.380
4	(+)	-0.412		-1.172		-0.229		-0.582		-0.380		-0.582		-0.229
5	(+)	8.285		6.536		11.609		11.698		0.393		11.698		11.609
6	(+)	-1.912		-43.802		-0.393		-6.307		-11.609		-6.307		-0.393
7	(+)	23.532		9.811		27.279		30.414		0.564		30.414		21.351
8	(+)	-2.746		-84.501		-0.564		-12.500		-21.495		-12.500		-0.564
9	(+)	2.969		2.042		4.139		4.448		0.123		4.448		4.139
10	(+)	-0.598		-15.509		-0.123		-4.139		-4.139		-4.139		-0.123
11	(+)	8.526		3.066		9.899		11.025		0.176		11.025		7.492
12	(+)	-0.858		-29.805		-0.176		-3.906		-7.651		-3.906		-0.176
13	(+)	1.381		1.332		1.672		2.511		0.085		2.511		1.672
14	(+)	-0.415		-3.446		-0.085		-2.673		-1.672		-2.673		-0.085
15	(+)	2.860		1.995		3.032		7.744		0.128		7.744		2.870
16	(+)	-0.581		-9.596		-0.128		-4.557		-3.032		-4.557		-0.128
17	(+)	8.139		7.563		9.145		13.428		0.460		13.428		9.145
18	(+)	-2.242		-43.218		-0.460		-8.941		-9.145		-8.941		-0.460
19	(+)	22.700		11.504		23.987		30.272		0.662		30.272		17.354
20	(+)	-3.220		-83.156		-0.662		-15.033		-17.913		-15.033		-0.662
21	(+)	5.613		6.885		7.561		8.419		0.408		8.419		7.561
22	(+)	-1.983		-31.280		-0.408		-6.651		-7.561		-6.651		-0.408
23	(+)	17.667		7.212		20.044		28.697		0.415		28.697		15.717
24	(+)	-2.019		-71.331		-0.415		-9.188		-15.977		-9.188		-0.415
25	(+)	4.350		3.375		5.811		6.959		0.208		6.959		5.811
26	(+)	-1.012		-20.756		-0.208		-4.644		-5.811		-4.644		-0.208
27	(+)	11.386		5.062		12.931		18.769		0.305		18.769		10.321
28	(+)	-1.439		-39.001		-0.305		-8.463		-10.682		-8.463		-0.305
29	(+)	51.617		16.347		58.887		41.912		0.957		41.912		32.960
30	(+)	-4.658		-128.303		-0.957		-18.807		-33.104		-18.807		-0.957
31	(+)	15.736		8.436		18.742		25.728		0.513		25.728		16.173
32	(+)	-2.451		-59.756		-0.513		-13.108		-16.493		-13.108		-0.513
33	(+)	30.839		19.188		33.132		43.701		1.122		43.701		26.498
34	(+)	-5.462		-126.374		-1.122		-23.974		-27.058		-23.974		-1.122
35	(+)	23.279		13.896		27.605		37.116		0.822		37.116		23.307
36	(+)	-4.002		-104.410		-0.822		-15.838		-23.538		-15.838		-0.822

** RAILWAY BRIDGE **

NO.	LOAD NAME	M-Y(T,M)		Q-Z(T,T)		M-Y(T,M)		Q-Z(T,T)		M-Y(T,M)		Q-Z(T,T)	
		64	58	64	58	64	70	64	70	64	70	64	70
1		33,468		-2,205		33,467		1,417		28,474		3,515	
2		83,339		-5,236		83,339		4,265		72,654		8,254	
3	(+)	3,069		0,229		3,088		0,156		1,534		0,322	
4	(-)	1,489		-0,580		-1,489		-0,522		-0,745		-0,756	
5	(+)	66,713		0,593		66,713		0,596		33,356		7,008	
6	(-)	5,676		-13,698		-5,627		-8,382		-2,838		-0,596	
7	(+)	101,926		0,264		101,927		2,124		72,861		12,872	
8	(-)	-2,114		-13,721		-7,115		-4,840		-3,557		-0,747	
9	(+)	24,126		0,123		24,126		0,186		12,063		2,534	
10	(-)	-1,774		-4,527		-1,774		-2,809		-0,887		-0,386	
11	(+)	56,504		0,176		56,504		0,664		25,849		4,485	
12	(-)	-2,223		-4,414		-2,223		-1,438		-1,112		-0,234	
13	(+)	10,469		0,085		10,469		0,227		5,234		1,000	
14	(-)	-2,165		-1,672		-2,165		-1,100		-1,082		-0,227	
15	(+)	17,511		0,128		17,511		1,109		11,931		2,436	
16	(-)	-2,822		-2,826		-2,822		-1,736		-1,411		-0,442	
17	(+)	54,022		0,260		54,022		0,800		27,011		5,615	
18	(-)	-7,617		-11,850		-7,617		-7,324		-3,808		-0,800	
19	(+)	79,388		0,662		79,389		3,060		55,389		10,042	
20	(-)	-8,560		-11,025		-8,560		-4,489		-4,280		-0,899	
21	(+)	42,949		0,408		42,949		0,670		21,475		4,511	
22	(-)	-6,375		-9,235		-6,375		-5,481		-3,188		-0,670	
23	(+)	69,015		0,415		69,016		2,217		46,023		8,023	
24	(-)	-9,817		-9,817		-9,822		-3,653		-2,615		-0,549	
25	(+)	34,594		0,208		34,594		0,414		17,297		3,634	
26	(-)	-3,938		-6,229		-3,939		-3,909		-1,969		-0,414	
27	(+)	53,815		0,305		53,816		1,772		37,780		6,921	
28	(-)	-3,045		-7,241		-3,045		-3,174		-2,523		-0,875	
29	(+)	168,639		0,957		168,640		2,720		106,218		19,880	
30	(-)	-12,791		-27,519		-12,791		-13,223		-6,396		-1,344	
31	(+)	88,410		0,513		88,410		2,186		55,072		10,555	
32	(-)	-8,983		-13,470		-8,984		-7,083		-4,492		-1,089	
33	(+)	133,410		1,122		133,411		3,860		82,400		15,717	
34	(-)	-16,176		-22,675		-16,177		-11,813		-8,088		-1,699	
35	(+)	111,965		0,822		111,965		2,887		67,498		12,535	
36	(-)	-11,804		-18,852		-11,804		-9,134		-5,802		-1,219	

** RAILWAY BRIDGE **

NO.	LOAD NAME	Q-Z(T)		M-Y(T,M)		Q-Z(T)		M-Y(T,M)		Q-Z(T)		M-Y(T,M)	
		70 - 76	76 - 70	76 - 70	70 - 76	5 - 11	11 - 5	5 - 11	11 - 5	5 - 11	11 - 5	5 - 11	11 - 5
1		-3.515	-0.000	8.448	-0.000	8.771	29.888	-3.787	-0.000	21.734	29.888	-3.787	-0.000
2		-8.754	-0.000	21.773	-0.000	21.734	72.468	-8.715	-0.000	72.468	72.468	-8.715	-0.000
3	(+)	0.156	0.000	0.322	0.000	0.716	3.408	0.398	0.000	3.408	3.408	0.398	0.000
4	(-)	-0.322	0.000	-0.156	0.000	-0.840	-2.183	-0.183	0.000	-2.183	-2.183	-0.183	0.000
5	(+)	0.596	0.000	7.008	0.000	2.347	11.170	1.036	0.000	11.170	11.170	1.036	0.000
6	(-)	-7.008	-0.000	-0.596	-0.000	-0.274	-1.287	-0.274	-0.000	-1.287	-1.287	-0.274	-0.000
7	(+)	0.747	0.000	19.923	0.000	73.860	181.862	9.100	0.000	181.862	181.862	9.100	0.000
8	(-)	-12.672	-0.000	-0.747	-0.000	-0.626	-2.980	-0.626	-0.000	-2.980	-2.980	-0.626	-0.000
9	(+)	0.186	0.000	2.534	0.000	0.852	4.058	0.884	0.000	4.058	4.058	0.884	0.000
10	(-)	-2.534	-0.000	-0.186	-0.000	-1.084	-6.902	-0.852	0.000	-6.902	-6.902	-0.852	0.000
11	(+)	0.234	0.000	7.097	0.000	24.070	60.979	2.097	0.000	60.979	60.979	2.097	0.000
12	(-)	-7.097	-0.000	-0.234	-0.000	-0.196	-0.931	-0.196	-0.000	-0.931	-0.931	-0.196	-0.000
13	(+)	0.227	0.000	1.100	0.000	0.378	1.799	0.378	0.000	1.799	1.799	0.378	0.000
14	(-)	-1.100	-0.000	-0.227	-0.000	-0.092	-0.438	-0.092	-0.000	-0.438	-0.438	-0.092	-0.000
15	(+)	0.442	0.000	2.507	0.000	10.526	41.324	7.858	0.000	41.324	41.324	7.858	0.000
16	(-)	-2.436	-0.000	-0.442	-0.000	-0.343	-1.635	-0.343	-0.000	-1.635	-1.635	-0.343	-0.000
17	(+)	0.800	0.000	5.675	0.000	1.955	9.504	0.924	0.000	9.504	9.504	0.924	0.000
18	(-)	-5.675	-0.000	-0.800	-0.000	-0.324	-1.542	-0.324	-0.000	-1.542	-1.542	-0.324	-0.000
19	(+)	0.899	0.000	16.178	0.000	54.953	112.966	16.436	0.000	112.966	112.966	16.436	0.000
20	(-)	-10.042	-0.000	-0.899	-0.000	-0.953	-4.538	-0.953	-0.000	-4.538	-4.538	-0.953	-0.000
21	(+)	4.511	0.000	4.511	0.000	1.672	1.957	1.672	0.000	1.957	1.957	1.672	0.000
22	(-)	-4.511	-0.000	-4.511	-0.000	-0.199	-0.946	-0.199	-0.000	-0.946	-0.946	-0.199	-0.000
23	(+)	0.549	0.000	13.730	0.000	53.426	120.140	8.180	0.000	120.140	120.140	8.180	0.000
24	(-)	-7.922	-0.000	-0.549	-0.000	-0.658	-3.131	-0.658	-0.000	-3.131	-3.131	-0.658	-0.000
25	(+)	0.414	0.000	3.634	0.000	1.230	5.856	0.176	0.000	5.856	5.856	0.176	0.000
26	(-)	-3.634	-0.000	-0.414	-0.000	-0.176	-0.840	-0.176	-0.000	-0.840	-0.840	-0.176	-0.000
27	(+)	0.675	0.000	9.604	0.000	34.596	102.303	9.955	0.000	102.303	102.303	9.955	0.000
28	(-)	-9.604	-0.000	-0.675	-0.000	-0.530	-2.566	-0.530	-0.000	-2.566	-2.566	-0.530	-0.000
29	(+)	1.344	0.000	26.941	0.000	76.207	192.032	9.571	0.000	192.032	192.032	9.571	0.000
30	(-)	-19.680	-0.000	-1.344	-0.000	-0.896	-4.267	-0.896	-0.000	-4.267	-4.267	-0.896	-0.000
31	(+)	1.089	0.000	13.237	0.000	35.826	108.159	10.131	0.000	108.159	108.159	10.131	0.000
32	(-)	-10.555	-0.000	-1.089	-0.000	-0.716	-3.468	-0.716	-0.000	-3.468	-3.468	-0.716	-0.000
33	(+)	1.699	0.000	21.852	0.000	56.908	128.270	16.760	0.000	128.270	128.270	16.760	0.000
34	(-)	-15.717	-0.000	-1.699	-0.000	-1.377	-6.080	-1.377	-0.000	-6.080	-6.080	-1.377	-0.000
35	(+)	1.219	0.000	18.242	0.000	55.098	128.537	8.379	0.000	128.537	128.537	8.379	0.000
36	(-)	-12.433	-0.000	-1.219	-0.000	-0.857	-4.077	-0.857	-0.000	-4.077	-4.077	-0.857	-0.000

** RAILWAY BRIDGE **

NO.	LOAD NAME	M-Y(T,M) 11 - 17	Q-Z(T) 11 - 17	M-Y(T,M) 17 - 11	Q-Z(T) 17 - 11	M-Y(T,M) 17 - 23	Q-Z(T) 17 - 23	M-Y(T,M) 17 - 23	Q-Z(T) 17 - 23
1		29.888	3.287	36.052	1.197	36.052	-2.726	11.215	11.215
2		72.468	8.715	82.968	6.303	82.968	-5.168	27.383	27.383
3	(+)	3.406	1.036	9.293	0.338	9.293	0.407	2.840	2.840
4	(-)	-2.183	-0.998	-3.219	-1.738	-3.219	-0.270	-2.870	-2.870
5	(+)	11.170	2.547	22.340	0.270	22.340	0.165	4.731	4.731
6	(-)	-1.287	-0.270	-2.523	-0.819	-2.523	-0.403	-1.789	-1.789
7	(+)	181.862	21.227	79.641	65.072	79.636	47.175	198.951	198.951
8	(-)	-2.980	-10.168	-5.960	-2.322	-5.960	-3.226	-20.809	-20.809
9	(+)	4.058	0.852	8.115	0.086	8.116	0.052	1.792	1.792
10	(-)	-0.402	-0.084	-0.804	-0.804	-0.804	-1.470	-0.559	-0.559
11	(+)	60.979	6.754	25.835	20.500	25.834	14.822	36.345	36.345
12	(-)	-0.931	-2.244	-1.863	-0.725	-1.862	-0.977	-6.503	-6.503
13	(+)	1.799	0.378	3.597	0.092	3.597	0.052	0.923	0.923
14	(-)	-0.438	-0.092	-0.875	-0.378	-0.875	-0.562	-0.892	-0.892
15	(+)	41.324	8.682	22.521	14.433	22.521	13.834	32.337	32.337
16	(-)	-1.635	-7.958	-3.270	-2.366	-3.270	-3.291	-8.471	-8.471
17	(+)	9.304	1.955	18.609	0.324	18.609	0.198	4.917	4.917
18	(-)	-1.542	-0.324	-3.084	-2.521	-3.084	-3.119	-2.174	-2.174
19	(+)	118.966	21.043	51.728	47.848	51.724	36.973	78.695	78.695
20	(-)	-4.538	-16.336	-9.075	-2.923	-9.075	-7.242	-27.669	-27.669
21	(+)	7.957	1.572	15.914	0.199	15.914	0.121	4.247	4.247
22	(-)	-0.946	-0.199	-1.892	-2.005	-1.892	-2.966	-1.315	-1.315
23	(+)	120.440	13.259	52.934	44.651	52.932	33.834	67.384	67.384
24	(-)	-3.131	-8.160	-6.263	-1.941	-6.262	-3.920	-24.043	-24.043
25	(+)	5.856	1.230	11.713	0.176	11.713	0.104	2.715	2.715
26	(-)	-0.840	-0.176	-1.679	-1.325	-1.680	-2.031	-1.441	-1.441
27	(+)	102.303	15.356	48.337	34.933	48.334	28.657	68.682	68.682
28	(-)	-2.566	-10.102	-5.133	-3.091	-5.132	-4.268	-14.974	-14.974
29	(+)	193.032	23.574	101.980	65.344	101.977	47.340	113.682	113.682
30	(-)	-4.267	-10.329	-8.533	-5.140	-8.533	-7.329	-22.258	-22.258
31	(+)	108.159	16.666	60.067	35.109	60.067	28.761	71.397	71.397
32	(-)	-3.406	-10.278	-6.812	-4.416	-6.812	-6.400	-16.425	-16.425
33	(+)	128.270	22.998	70.337	48.172	70.334	37.171	83.612	83.612
34	(-)	-6.080	-16.260	-12.159	-6.465	-12.159	-11.661	-29.843	-29.843
35	(+)	128.397	20.131	68.848	44.850	68.846	33.980	71.600	71.600
36	(-)	-4.027	-8.379	-8.154	-3.946	-8.154	-6.886	-25.358	-25.358

NO.	LOAD NAME	Q-Z(T)		M-Y(T,M)		Q-Z(T)		M-Y(T,M)	
		23	17	23	29	23	29	23	29
1		7.710	11.215	-7.710	-37.346	12.694	-7.869	12.694	9.869
2		18.187	27.583	-18.187	-90.171	31.206	-90.171	31.206	24.729
3		1.394	2.840	0.493	2.578	1.100	2.578	1.100	0.966
4	(RUL)	-0.493	-2.840	-1.394	-2.085	-0.261	-2.085	-0.261	-1.197
5	(RUL)	3.701	4.751	0.165	2.583	3.701	2.583	3.701	2.164
6	(RUL)	-0.165	-4.751	-3.701	-12.892	-0.165	-12.892	-0.165	-0.801
7	(RUL)	108.951	108.951	4.530	11.682	90.118	11.682	90.118	83.480
8	(RUL)	-4.530	-20.809	-36.517	-148.524	-0.558	-148.524	-0.558	-3.068
9	(RUL)	1.792	1.792	0.052	0.807	1.529	0.807	1.529	0.790
10	(RUL)	-0.052	-0.559	-1.329	-4.553	-0.052	-4.553	-0.052	-0.250
11	(RUL)	11.105	36.345	1.416	3.651	30.163	3.651	30.163	26.696
12	(RUL)	-1.416	-6.503	-10.933	-50.782	-0.175	-50.782	-0.175	-0.959
13	(RUL)	0.562	0.923	0.052	0.547	0.562	0.547	0.562	0.412
14	(RUL)	-0.052	-0.892	-0.562	-1.751	-0.052	-1.751	-0.052	-0.166
15	(RUL)	10.118	32.537	6.582	2.567	10.880	2.567	10.880	15.031
16	(RUL)	-6.582	-8.471	-10.118	-12.453	-0.133	-12.453	-0.133	-0.721
17	(RUL)	2.877	4.917	0.198	3.028	2.877	3.028	2.877	2.331
18	(RUL)	-0.198	-2.174	-2.877	-13.045	-0.198	-13.045	-0.198	-0.939
19	(RUL)	29.411	78.865	8.713	13.695	67.740	13.695	67.740	67.515
20	(RUL)	-8.713	-27.669	-29.411	-137.081	-0.656	-137.081	-0.656	-3.597
21	(RUL)	2.471	4.217	0.121	1.899	2.471	1.899	2.471	1.991
22	(RUL)	-0.121	-1.315	-2.471	-11.189	-0.121	-11.189	-0.121	-0.589
23	(RUL)	26.084	67.864	3.295	11.747	60.267	11.747	60.267	58.812
24	(RUL)	-3.295	-21.243	-23.825	-111.238	-0.563	-111.238	-0.563	-3.081
25	(RUL)	1.891	2.715	0.104	1.354	1.891	1.354	1.891	1.202
26	(RUL)	-0.104	-1.451	-1.891	-6.304	-0.104	-6.304	-0.104	-0.416
27	(RUL)	21.223	68.882	7.998	8.218	41.043	8.218	41.043	38.727
28	(RUL)	-7.998	-14.974	-21.071	-70.234	-0.307	-70.234	-0.307	-1.680
29	(RUL)	40.218	113.682	4.695	14.265	93.819	14.265	93.819	85.614
30	(RUL)	-4.695	-22.598	-40.218	-161.416	-0.724	-161.416	-0.724	-3.859
31	(RUL)	23.114	71.997	8.102	7.572	42.934	7.572	42.934	39.929
32	(RUL)	-8.102	-16.425	-22.962	-76.538	-0.411	-76.538	-0.411	-2.096
33	(RUL)	32.287	83.612	8.911	16.724	70.616	16.724	70.616	69.846
34	(RUL)	-8.911	-29.843	-32.287	-150.129	-0.854	-150.129	-0.854	-4.526
35	(RUL)	28.554	71.600	5.416	13.646	52.738	13.646	52.738	60.803
36	(RUL)	-5.416	-23.358	-28.554	-122.427	-0.684	-122.427	-0.684	-3.669

NO.	LOAD NAME	M-Y(T,M) 55 - 29	Q-ZC(T) 55 - 29	M-Y(T,M) 35 - 41	Q-ZC(T) 35 - 41	M-Y(T,M) 41 - 35	Q-ZC(T) 41 - 35	M-Y(T,M) 41 - 47
1		-3.854	-5.222	-3.834	5.222	9.011	-0.375	9.011
2		-7.353	-12.589	-7.333	12.589	21.585	-0.550	21.585
3	(+)	2.001	0.747	2.001	1.227	6.857	0.853	6.858
4	(+)	-3.955	-1.227	-3.955	-0.747	-5.105	-1.843	-5.105
5	(+)	2.660	0.801	2.660	2.164	8.380	0.801	8.381
6	(+)	-8.710	-2.164	-8.710	-0.801	-4.528	-2.679	-4.528
7	(+)	76.269	3.068	76.269	31.841	36.273	50.082	36.271
8	(+)	-42.128	-31.841	-42.128	-3.068	-15.863	-5.999	-15.864
9	(+)	0.831	0.250	0.831	0.790	3.415	0.250	3.416
10	(+)	-2.539	-0.790	-2.539	-0.250	-1.415	-0.893	-1.415
11	(+)	25.660	0.959	25.660	9.202	11.709	15.306	11.708
12	(+)	-13.165	-9.202	-13.165	-0.959	-4.957	-1.875	-4.957
13	(+)	0.871	0.166	0.871	0.412	2.700	0.166	2.700
14	(+)	-1.338	-0.412	-1.338	-0.166	-0.926	-0.412	-0.926
15	(+)	30.830	6.221	30.830	10.451	19.521	13.488	19.520
16	(+)	-10.333	-6.221	-10.333	-6.221	-3.830	-3.152	-3.830
17	(+)	7.042	0.939	7.042	2.331	8.878	0.939	8.878
18	(+)	-2.862	-2.331	-2.862	-0.939	-3.309	-2.949	-3.309
19	(+)	-49.378	-3.933	-49.378	-5.933	-18.716	-7.025	-18.717
20	(+)	1.955	0.589	1.955	1.991	6.616	0.589	6.616
21	(+)	-6.033	-1.991	-6.033	-0.589	-4.626	-2.354	-4.626
22	(+)	78.667	3.081	78.667	25.017	29.947	37.789	29.944
23	(+)	-30.965	-25.017	-30.965	-3.081	-15.911	-4.409	-15.911
24	(+)	1.702	0.416	1.702	1.202	6.115	0.416	6.116
25	(+)	-3.878	-1.202	-3.878	-0.416	-2.341	-1.305	-2.341
26	(+)	56.490	7.180	56.490	19.633	31.230	28.794	31.228
27	(+)	-23.498	-7.180	-23.498	-7.180	-8.788	-5.026	-8.788
28	(+)	78.928	3.869	78.928	34.004	44.655	50.883	44.652
29	(+)	-38.838	-34.004	-38.838	-3.869	-20.392	-8.677	-20.392
30	(+)	58.192	7.596	58.192	20.855	37.345	29.211	37.344
31	(+)	-27.376	-20.855	-27.376	-7.596	-11.129	-6.332	-11.129
32	(+)	77.054	6.872	77.054	32.998	38.515	40.395	38.514
33	(+)	-56.430	-6.872	-56.430	-6.872	-24.026	-9.974	-24.026
34	(+)	80.621	3.669	80.621	27.007	36.563	36.376	36.561
35	(+)	-36.928	-27.007	-36.928	-3.669	-20.537	-6.763	-20.537

** RAILWAY BRIDGE **

NO.	LOAD NAME	Q-Z(L)	M-Y(T,M)	Q-Z(L)	M-Y(T,M)	Q-Z(L)	M-Y(T,M)	Q-Z(L)	M-Y(T,M)
		41 - 47	47 - 41	47 - 41	47 - 53	47 - 53	53 - 47	47 - 53	53 - 47
1		-0.566	-3.816	5.214	-3.816	-5.214	-37.271	9.861	9.861
2		-0.533	-7.278	12.572	-7.278	-12.572	-80.070	24.712	24.712
3		0.655	2.013	1.227	2.013	0.749	2.538	0.966	0.966
4	(RUL)	-1.843	3.937	-0.749	-3.937	-1.827	-5.034	-1.199	-1.199
5		0.803	2.655	2.155	2.655	0.803	2.599	2.155	2.155
6	(RUR)	-2.670	-6.634	-0.803	-6.634	-2.155	-12.742	-0.803	-0.803
7		50.081	76.262	31.841	-6.634	-3.068	11.681	83.481	83.481
8		6.000	-42.134	3.068	-42.134	-31.841	-148.540	-3.068	-3.068
9	(RL1L)	0.851	0.830	0.788	0.830	0.251	0.812	0.788	0.788
10		-0.891	-2.512	-0.251	-2.512	-0.788	-4.499	-0.251	-0.251
11	(RL1R)	15.306	25.658	9.202	25.658	0.959	3.650	26.697	26.697
12		-1.875	-13.167	-0.959	-13.167	-9.202	-50.788	-0.959	-0.959
13	(RL2L)	0.166	0.869	0.473	0.869	0.166	0.530	0.413	0.413
14		-0.413	-1.327	-0.166	-1.327	-0.413	-1.728	-0.166	-0.166
15	(RL2R)	14.310	30.830	9.629	30.830	7.011	2.567	10.451	10.451
16		-2.325	-10.333	-7.011	-10.333	-9.629	-19.454	-0.721	-0.721
17	(RL1L)	0.941	3.186	2.322	3.186	0.941	3.037	2.322	2.322
18		-2.940	-6.982	-0.941	-6.982	-2.322	-12.953	-0.941	-0.941
19	(RL1R)	39.356	73.738	30.668	73.738	6.546	13.694	67.516	67.516
20		-7.026	-49.385	-6.546	-49.385	-30.668	-137.092	-3.597	-3.597
21	(KS16L)	0.816	2.776	1.434	2.776	0.816	2.823	1.434	1.434
22		-1.779	-4.378	-0.816	-4.378	-1.434	-9.114	-0.816	-0.816
23	(KS16R)	34.340	48.241	23.392	48.241	2.255	8.586	56.886	56.886
24		-6.923	-44.284	-2.255	-44.284	-23.392	-120.570	-2.255	-2.255
25	(RL1)	0.417	1.699	1.200	1.699	0.417	1.362	1.200	1.200
26		-1.304	-3.839	-0.417	-3.839	-1.200	-6.327	-0.417	-0.417
27	(RLR)	29.617	58.888	18.831	58.888	7.970	6.317	37.147	37.147
28		-4.700	-23.501	-7.970	-23.501	-18.831	-70.242	-1.680	-1.680
29	(RU)	50.884	78.917	33.946	78.917	3.871	14.279	83.633	83.633
30		-8.670	-48.268	-3.871	-48.268	-33.946	-161.281	-3.871	-3.871
31	(RL)	30.034	58.187	20.031	58.187	8.387	7.580	38.348	38.348
32		-6.004	-27.339	-8.387	-27.339	-20.031	-76.648	-2.097	-2.097
33	(RL1)	40.298	76.925	32.989	76.925	7.487	16.741	69.837	69.837
34		-9.967	-56.367	-7.487	-56.367	-32.989	-150.047	-4.538	-4.538
35	(KS16)	35.156	49.017	24.826	49.017	3.071	11.208	58.320	58.320
36		-8.682	-49.162	-3.071	-49.162	-24.826	-129.684	-3.071	-3.071

** RAILWAY BRIDGE **

NO.	LOAD NAME	M-Y(T,M) 53 - 59	Q-Z(T,I) 53 - 59	M-Y(T,M) 59 - 53	Q-Z(T,I) 59 - 53	M-Y(T,M) 59 - 65	Q-Z(T,I) 59 - 65	M-Y(T,R) 65 - 59
1		-37.271	12.374	11.198	-7.690	11.198	7.690	55.942
2		-90.020	31.167	27.348	-18.148	27.348	18.148	82.749
3	(+)	2.598	1.101	2.841	0.499	2.841	1.394	9.269
4	(+)	-5.084	-0.867	-2.876	-1.394	-2.876	-0.699	-3.247
5	(+)	2.599	3.661	4.692	0.161	4.692	3.661	22.112
6	(+)	-12.742	0.161	-1.780	-3.661	-1.780	-0.161	-2.548
7	(+)	11.681	90.122	108.937	4.433	108.937	36.522	79.666
8	(+)	-148.540	-0.559	-20.810	-36.522	-20.810	-4.433	-5.982
9	(+)	0.812	1.515	1.778	0.050	1.778	1.315	8.033
10	(+)	-4.499	-0.050	-0.556	-1.315	-0.556	-0.050	-0.796
11	(+)	3.650	30.165	36.347	1.385	36.347	11.106	25.845
12	(+)	-50.728	-0.175	-6.503	-10.955	-6.503	-1.385	-1.863
13	(+)	1.728	0.051	0.916	0.051	0.916	0.566	3.560
14	(+)	2.587	12.263	32.337	-0.891	32.337	10.881	22.525
15	(+)	-19.454	-0.133	-8.471	-10.881	-8.471	-5.890	-3.220
16	(+)	3.047	2.844	4.881	0.194	4.881	2.844	18.419
17	(+)	-12.935	-0.194	-2.844	-0.194	-2.844	-0.194	-3.378
18	(+)	13.694	67.743	81.982	8.713	81.982	29.414	52.297
19	(+)	-137.092	-0.656	-25.072	-29.414	-25.072	-8.713	-7.268
20	(+)	2.623	2.368	3.060	0.200	3.060	2.368	14.183
21	(+)	-9.114	-0.200	-1.901	-2.368	-1.901	-0.200	-2.748
22	(+)	8.586	61.987	85.575	3.259	85.575	28.488	56.472
23	(+)	-120.570	0.411	-15.296	-7.546	-15.296	-3.259	-4.382
24	(+)	1.362	1.870	2.694	0.101	2.694	1.870	11.593
25	(+)	-6.217	-0.101	-1.447	-0.101	-1.447	-0.101	-1.663
26	(+)	6.217	42.428	68.684	7.276	68.684	21.987	48.370
27	(+)	-70.242	-0.307	-14.875	-21.835	-14.875	-7.276	-5.134
28	(+)	14.279	93.783	113.649	4.595	113.649	40.183	101.778
29	(+)	-161.282	-0.721	-22.589	-40.183	-22.589	-4.595	-8.510
30	(+)	7.580	44.298	71.378	7.377	71.378	25.357	59.963
31	(+)	-76.469	-0.609	-16.422	-23.706	-16.422	-7.377	-6.797
32	(+)	16.741	70.587	86.863	8.907	86.863	32.259	70.716
33	(+)	-150.047	-0.849	-27.831	-32.259	-27.831	-8.907	-10.646
34	(+)	11.208	64.354	88.636	3.458	88.636	30.856	70.655
35	(+)	-122.684	-0.611	-17.197	-29.914	-17.197	-3.458	-7.150

** RAILWAY BRIDGE **

NO.	LOAD NAME	Q-Z(L)		M-Y(T,M)		Q-Z(T)		M-Y(L,M)		Q-Z(Y)	
		65	59	65	71	65	71	65	71	65	71
1		-2.707	35.943	1.208	29.833	3.775	29.833	3.775	29.833	-3.775	-3.775
2		-5.129	82.749	4.327	78.359	8.692	72.359	8.692	72.359	-8.692	-8.692
3	(+)	0.413	9.597	0.342	3.409	0.342	3.409	0.342	3.409	0.402	0.402
4	(+)	-2.070	-3.257	-1.739	-2.201	-0.402	-2.201	-0.402	-2.201	-1.037	-1.037
5	(+)	0.161	22.113	0.268	11.056	2.523	11.056	2.523	11.056	0.268	0.268
6	(+)	-4.356	-2.348	-2.750	-1.274	-0.268	-1.274	-0.268	-1.274	-0.268	-0.268
7	(+)	47.171	79.682	65.072	181.872	21.229	181.872	21.229	181.872	-2.323	-2.323
8	(+)	-5.018	-5.982	-2.028	-2.981	-10.182	-2.981	-10.182	-2.981	-21.229	-21.229
9	(+)	0.050	8.933	0.084	4.017	0.844	4.017	0.844	4.017	0.084	0.084
10	(+)	-1.454	-0.796	-0.937	-0.398	-0.084	-0.398	-0.084	-0.398	-0.344	-0.344
11	(+)	14.821	25.863	20.489	60.983	6.755	60.983	6.755	60.983	3.182	3.182
12	(+)	-1.568	-1.583	-0.634	-0.932	-3.182	-0.932	-3.182	-0.932	-6.755	-6.755
13	(+)	0.051	3.761	0.091	1.780	0.374	1.780	0.374	1.780	-0.091	-0.091
14	(+)	-0.556	-0.867	-0.374	-0.434	-0.091	-0.434	-0.091	-0.434	-0.374	-0.374
15	(+)	13.072	22.525	15.096	41.525	8.018	41.525	8.018	41.525	8.780	8.780
16	(+)	-3.628	-3.270	-2.129	-1.635	-8.780	-1.635	-8.780	-1.635	-8.018	-8.018
17	(+)	0.194	18.420	0.355	9.210	1.935	9.210	1.935	9.210	0.355	0.355
18	(+)	-3.678	-3.378	-2.426	-1.689	-0.355	-1.689	-0.355	-1.689	-1.935	-1.935
19	(+)	36.971	52.594	47.847	118.974	21.045	118.974	21.045	118.974	16.435	16.435
20	(+)	-7.744	-7.268	-3.944	-3.634	-16.435	-3.634	-16.435	-3.634	-21.045	-21.045
21	(+)	0.200	14.183	0.291	7.092	1.490	7.092	1.490	7.092	0.291	0.291
22	(+)	-2.858	-2.768	-1.820	-1.384	-0.291	-1.384	-0.291	-1.384	-1.490	-1.490
23	(+)	34.689	56.469	44.298	117.418	16.015	117.418	16.015	117.418	9.111	9.111
24	(+)	-4.796	-4.382	-1.490	-2.191	-10.854	-2.191	-10.854	-2.191	-12.787	-12.787
25	(+)	0.101	11.594	0.175	5.797	1.218	5.797	1.218	5.797	0.175	0.175
26	(+)	-2.002	-1.563	-1.311	-0.832	-0.175	-0.832	-0.175	-0.832	-1.218	-1.218
27	(+)	27.893	48.368	35.593	102.308	14.773	102.308	14.773	102.308	11.932	11.932
28	(+)	-5.197	-5.134	-2.762	-2.567	-11.962	-2.567	-11.962	-2.567	-14.773	-14.773
29	(+)	47.332	101.775	65.339	192.928	23.552	192.928	23.552	192.928	10.449	10.449
30	(+)	-9.374	-8.510	-4.818	-4.255	-10.449	-4.255	-10.449	-4.255	-23.552	-23.552
31	(+)	27.994	59.921	35.770	108.105	15.991	108.105	15.991	108.105	12.137	12.137
32	(+)	-7.206	-6.797	-4.074	-3.398	-12.137	-3.398	-12.137	-3.398	-16.790	-16.790
33	(+)	37.165	70.714	48.201	128.184	22.980	128.184	22.980	128.184	16.790	16.790
34	(+)	-11.422	-10.946	-6.440	-5.323	-16.790	-5.323	-16.790	-5.323	-22.980	-22.980
35	(+)	34.889	70.852	44.589	124.509	17.505	124.509	17.505	124.509	9.402	9.402
36	(+)	-7.824	-7.150	-3.310	-3.575	-11.145	-3.575	-11.145	-3.575	-14.277	-14.277

** RAILWAY BRIDGE **

NO.	LOAD NAME	M-Y(T.M)		Q-Z(T.)		M-Y(T.M)		Q-Z(T.)		M-Y(T.M)		Q-Z(T.)	
		77	71	77	71	6	12	6	12	6	12	6	12
1		-0.000	8.759	-0.000	12.634	-0.000	39.922	-0.000	12.634	-0.000	39.922	-0.000	39.922
2		0.000	21.711	0.000	23.945	0.000	79.994	0.000	23.945	0.000	79.994	0.000	79.994
3	(+)	0.000	0.717	0.000	4.458	0.000	13.627	0.000	4.458	0.000	13.627	0.000	13.627
4	(+)	0.000	0.884	0.000	0.502	0.000	-2.390	0.000	0.502	0.000	-2.390	0.000	-2.390
5	(+)	0.000	2.323	0.000	0.136	0.000	0.646	0.000	0.136	0.000	0.646	0.000	0.646
6	(+)	0.000	0.268	0.000	2.042	0.000	-9.721	0.000	2.042	0.000	-9.721	0.000	-9.721
7	(+)	0.000	73.882	0.000	17.285	0.000	82.278	0.000	17.285	0.000	82.278	0.000	82.278
8	(+)	0.001	-0.626	0.000	-1.655	0.000	-7.876	0.000	-1.655	0.000	-7.876	0.000	-7.876
9	(+)	0.000	0.844	0.000	0.042	0.000	0.202	0.000	0.042	0.000	0.202	0.000	0.202
10	(+)	0.000	-0.084	0.000	-0.084	0.000	-3.505	0.000	-0.084	0.000	-3.505	0.000	-3.505
11	(+)	0.000	24.070	0.000	6.262	0.000	29.806	0.000	6.262	0.000	29.806	0.000	29.806
12	(+)	0.000	-0.196	0.000	-0.517	0.000	-2.461	0.000	-0.517	0.000	-2.461	0.000	-2.461
13	(+)	0.000	0.374	0.000	0.054	0.000	0.259	0.000	0.054	0.000	0.259	0.000	0.259
14	(+)	0.000	-0.091	0.000	-0.315	0.000	-1.501	0.000	-0.315	0.000	-1.501	0.000	-1.501
15	(+)	0.000	8.682	0.000	2.737	0.000	13.027	0.000	2.737	0.000	13.027	0.000	13.027
16	(+)	0.000	-0.344	0.000	-0.617	0.000	-2.737	0.000	-0.617	0.000	-2.737	0.000	-2.737
17	(+)	0.000	1.925	0.000	0.163	0.000	0.778	0.000	0.163	0.000	0.778	0.000	0.778
18	(+)	0.000	-0.322	0.000	-1.624	0.000	-7.730	0.000	-1.624	0.000	-7.730	0.000	-7.730
19	(+)	0.000	54.935	0.000	14.141	0.000	67.511	0.000	14.141	0.000	67.511	0.000	67.511
20	(+)	0.001	-0.763	0.000	-2.252	0.000	-10.720	0.000	-2.252	0.000	-10.720	0.000	-10.720
21	(+)	0.000	1.490	0.000	0.100	0.000	0.475	0.000	0.100	0.000	0.475	0.000	0.475
22	(+)	0.000	-0.591	0.000	-1.388	0.000	-6.607	0.000	-1.388	0.000	-6.607	0.000	-6.607
23	(+)	0.000	50.430	0.000	11.114	0.000	52.903	0.000	11.114	0.000	52.903	0.000	52.903
24	(+)	0.001	-0.660	0.000	-1.834	0.000	-8.728	0.000	-1.834	0.000	-8.728	0.000	-8.728
25	(+)	0.000	1.218	0.000	0.097	0.000	0.461	0.000	0.097	0.000	0.461	0.000	0.461
26	(+)	0.000	-0.175	0.000	-1.052	0.000	-5.006	0.000	-1.052	0.000	-5.006	0.000	-5.006
27	(+)	0.000	32.752	0.000	8.999	0.000	42.833	0.000	8.999	0.000	42.833	0.000	42.833
28	(+)	0.001	-0.539	0.000	-1.135	0.000	-5.401	0.000	-1.135	0.000	-5.401	0.000	-5.401
29	(+)	0.000	78.185	0.000	17.421	0.000	82.924	0.000	17.421	0.000	82.924	0.000	82.924
30	(+)	0.001	-0.894	0.000	-3.697	0.000	-17.527	0.000	-3.697	0.000	-17.527	0.000	-17.527
31	(+)	0.000	33.970	0.000	9.093	0.000	43.294	0.000	9.093	0.000	43.294	0.000	43.294
32	(+)	0.001	-0.714	0.000	-2.186	0.000	-10.407	0.000	-2.186	0.000	-10.407	0.000	-10.407
33	(+)	0.000	56.590	0.000	14.304	0.000	68.089	0.000	14.304	0.000	68.089	0.000	68.089
34	(+)	0.001	-1.118	0.000	-3.876	0.000	-18.450	0.000	-3.876	0.000	-18.450	0.000	-18.450
35	(+)	0.000	51.920	0.000	11.214	0.000	53.377	0.000	11.214	0.000	53.377	0.000	53.377
36	(+)	0.001	-0.751	0.000	-3.222	0.000	-15.335	0.000	-3.222	0.000	-15.335	0.000	-15.335

** RAILWAY BRIDGE **

NO.	LOAD NAME	Q-Z (T)		M-Y (T,M)		Q-Z (T)		M-Y (T,M)		Q-Z (T)		M-Y (T,M)	
		12	18	18	12	18	24	18	24	18	24	18	24
1		4.339	41.312	3.755	41.312	41.312	-1.452	15.134	9.547	9.547	15.134	9.547	9.547
2		9.665	92.015	4.615	92.015	92.015	-5.846	30.199	20.136	20.136	30.199	20.136	20.136
3		1.969	12.071	3.142	12.071	12.071	2.488	9.823	3.194	3.194	9.823	3.194	3.194
4	(RUL)	-1.203	-4.781	-0.718	-4.781	-4.781	-1.535	-5.859	-0.957	-0.957	-5.859	-0.957	-0.957
5	(RUR)	1.285	16.555	0.136	16.555	16.555	2.077	3.067	3.223	3.223	3.067	3.223	3.223
6	(RL1L)	0.042	0.404	-0.012	0.404	0.404	0.373	0.649	0.043	0.043	0.649	0.043	0.043
7	(RL1R)	0.736	59.612	0.517	59.612	59.612	0.279	12.069	9.997	9.997	12.069	9.997	9.997
8	(RL2L)	0.054	0.518	-0.512	0.518	0.518	-11.025	-4.466	-0.229	-0.229	-4.466	-0.229	-0.229
9	(RL2R)	2.737	26.054	0.617	26.054	26.054	0.268	6.480	0.450	0.450	6.480	0.450	0.450
10	(RL1L)	0.163	1.556	2.097	1.556	1.556	-4.112	-6.403	-0.268	-0.268	-6.403	-0.268	-0.268
11	(RL1R)	14.141	134.622	2.252	134.622	134.622	1.048	34.586	21.707	21.707	34.586	21.707	21.707
12	(KS16L)	-2.252	-21.440	-18.246	-21.440	-21.440	-27.875	-21.200	-1.048	-1.048	-21.200	-1.048	-1.048
13	(KS16R)	1.388	13.215	0.100	13.215	13.215	0.914	1.326	0.102	0.102	1.326	0.102	0.102
14	(RLL)	0.097	0.922	1.151	0.922	0.922	-21.784	-15.164	18.357	18.357	-15.164	-0.914	-0.914
15	(RLR)	8.999	85.666	1.135	85.666	85.666	0.547	18.549	14.309	14.309	18.549	14.309	14.309
16	(RUL)	-1.135	-10.801	-9.683	-10.801	-10.801	-15.137	-11.068	-0.547	-0.547	-11.068	-0.547	-0.547
17	(RL)	17.421	165.847	4.091	165.847	165.847	5.029	33.646	28.094	28.094	33.646	28.094	28.094
18	(RLT)	9.095	86.588	2.265	86.588	86.588	-33.235	-17.357	-4.416	-4.416	-17.357	-4.416	-4.416
19	(KS16)	11.214	106.755	3.500	106.755	106.755	3.809	23.210	18.259	18.259	23.210	18.259	18.259
		-3.222	-30.671	-13.628	-30.671	-30.671	-21.886	-18.250	-3.377	-3.377	-18.250	-3.377	-3.377

NO.	LOAD NAME	M-Y (T.M)		Q-Z (T.)		M-Y (T.M)		Q-Z (T.)		M-Y (T.M)		Q-Z (T.)	
		24	30	24	30	30	36	30	36	30	36	30	36
1		15.134	-9.547	-9.547	17.652	-49.575	17.652	14.500	-1.948				
2	(+)	30.126	-20.126	-20.126	34.406	-99.589	34.406	27.222	-8.214				
3	(+)	9.823	0.957	0.957	3.106	-17.110	3.106	0.685	8.049				
4	(+)	3.589	-3.194	-3.194	0.423	14.096	0.423	0.662	-7.074				
5	(+)	3.077	3.523	3.523	0.139	-1.270	0.139	-2.864	6.449				
6	(+)	5.067	-0.132	-0.132	3.523	17.154	3.523	18.276	-2.716				
7	(+)	31.569	0.893	0.893	27.935	-101.578	27.935	20.250	-46.349				
8	(+)	-14.290	-27.955	-27.955	0.893	4.898	0.893	0.144	1.759				
9	(+)	0.649	1.250	1.250	-0.043	-1.053	-0.043	-0.549	0.849				
10	(+)	-1.069	-0.043	-0.043	9.997	5.361	9.997	6.604	6.328				
11	(+)	12.069	0.279	0.279	9.997	-32.650	9.997	-1.666	-17.836				
12	(+)	-4.466	-2.997	-2.997	0.279	1.664	0.279	0.113	1.833				
13	(+)	0.780	0.490	0.490	-0.033	-0.387	-0.033	-0.440	-0.726				
14	(+)	-0.670	-0.033	-0.033	4.112	3.559	4.112	3.233	6.368				
15	(+)	6.480	0.268	0.268	-4.112	-13.095	-0.268	-1.072	-9.507				
16	(+)	-6.603	-4.112	-4.112	2.852	13.789	2.852	0.163	5.451				
17	(+)	2.502	2.852	2.852	-2.075	-2.075	-2.075	0.542	-3.246				
18	(+)	-3.596	-0.163	-0.163	1.048	20.114	1.048	18.647	24.280				
19	(+)	34.586	1.048	1.048	-21.707	-107.158	-21.707	-6.175	-50.070				
20	(+)	-21.200	-21.707	-21.707	11.817	11.817	11.817	0.340	4.070				
21	(+)	1.526	2.463	2.463	-1.301	-1.301	-1.301	-2.291	-1.997				
22	(+)	-3.086	-0.102	-0.102	17.412	17.412	17.412	12.220	21.222				
23	(+)	21.684	0.914	0.914	-18.137	-73.484	-18.137	-5.400	-31.322				
24	(+)	-15.164	-18.137	-18.137	0.914	0.914	0.914	0.253	2.793				
25	(+)	1.429	1.741	1.741	-0.076	-0.076	-0.076	-1.455	-1.575				
26	(+)	-1.739	-0.076	-0.076	8.920	8.920	8.920	9.837	12.996				
27	(+)	18.549	0.547	0.547	-14.109	-48.745	-14.109	16.738	24.899				
28	(+)	-11.068	-14.109	-14.109	4.616	4.616	4.616	-8.130	-49.065				
29	(+)	33.644	4.616	4.616	-28.094	-103.348	-28.094	10.095	15.489				
30	(+)	-12.357	-28.094	-28.094	15.482	15.482	15.482	-4.173	-28.716				
31	(+)	19.978	2.288	2.288	-14.185	-49.685	-14.185	19.189	29.730				
32	(+)	-12.807	-14.185	-14.185	3.900	3.900	3.900	-8.862	-53.315				
33	(+)	37.088	3.900	3.900	-21.870	-103.233	-21.870	12.560	25.792				
34	(+)	-24.796	-21.870	-21.870	3.377	3.377	3.377	-7.690	-33.389				
35	(+)	23.210	3.377	3.377	-18.259	-74.785	-18.259	12.560	25.792				
36	(+)	-18.250	-18.259	-18.259									

RAILWAY BRIDGE

NO.	LOAD NAME	Q-Z(I,J)		M-Y(I,M)		Q-Z(I,J)		M-Y(I,M)		Q-Z(I,J)		M-Y(I,M)	
		36	30	36	42	36	42	36	42	36	42	36	42
1		-6.952		-1.968		6.952		12.137		0.598		12.137	
2		-13.907		-8.314		13.907		23.860		-0.581		23.860	
3		1.176		3.649		3.199		10.339		2.700		10.339	
4	(RUL)	-3.199		-1.074		-1.176		-6.385		-1.749		-6.385	
5	(RUR)	2.864		2.864		0.682		2.334		3.414		2.334	
6	(RL1L)	-0.682		-2.216		-2.864		-12.539		-0.462		-12.539	
7	(RL1R)	5.286		20.250		18.276		74.163		5.266		74.163	
8	(RL2L)	-18.276		-46.349		-5.266		-29.600		-22.319		-29.600	
9	(RL2R)	1.015		0.759		0.144		0.729		1.125		0.729	
10	(RL1L)	-0.144		-0.849		-1.015		-4.690		-0.144		-4.690	
11	(RL1R)	1.646		6.328		6.604		29.245		1.646		29.245	
12	(RL2L)	-6.604		-17.634		-1.646		-2.250		-7.413		-2.250	
13	(RL2R)	0.440		1.035		0.113		0.619		0.440		0.619	
14	(RL1L)	-0.113		-0.726		-0.440		-2.680		-0.113		-2.680	
15	(RL1R)	1.072		6.368		3.233		20.717		1.072		20.717	
16	(RL2L)	-3.233		-9.507		-1.072		-6.255		-3.233		-6.255	
17	(RL2R)	2.887		5.451		0.542		2.756		3.547		2.756	
18	(KS16L)	-0.542		-3.246		-2.687		-10.062		-0.542		-10.062	
19	(KS16R)	6.175		24.280		18.647		64.374		6.175		64.374	
20	(RLL)	-18.647		-50.070		-0.175		-34.705		-23.696		-34.705	
21	(RLR)	2.891		4.670		0.340		2.442		2.677		2.442	
22	(RLL)	-5.400		-1.997		-2.291		-8.627		-0.340		-8.627	
23	(RLR)	12.220		21.122		12.220		55.483		5.400		55.483	
24	(RLL)	-21.122		-31.392		-3.400		-30.556		-15.071		-30.556	
25	(RLR)	1.455		2.793		0.258		1.349		1.566		1.349	
26	(RLL)	-0.258		-1.575		-1.455		-7.369		-0.258		-7.369	
27	(RLR)	2.718		12.698		9.837		49.962		2.718		49.962	
28	(RLL)	-9.837		-27.141		-2.718		-15.505		-9.837		-15.505	
29	(RLR)	8.130		24.899		18.738		76.498		8.130		76.498	
30	(RLL)	-24.899		-49.045		-8.130		-42.139		-22.779		-42.139	
31	(RLR)	4.173		15.489		10.095		51.310		4.283		51.310	
32	(RLL)	-10.095		-28.716		-4.173		-22.874		-10.095		-22.874	
33	(RLR)	8.862		29.730		19.189		67.109		9.522		67.109	
34	(RLL)	-19.189		-53.315		-8.862		-44.038		-19.189		-44.038	
35	(KS16L)	7.690		25.792		12.560		57.925		8.076		57.925	
36	(KS16R)	-12.560		-33.389		-7.690		-39.183		-12.560		-39.183	

RAILWAY BRIDGE #1

NO.	LOAD NAME	M-Y(T,M) 48 - 42	Q-Z(T,T) 48 - 42	M-Y(T,M) 48 - 54	Q-Z(T,T) 48 - 54	M-Y(T,M) 54 - 48	Q-Z(T,T) 54 - 48	M-Y(T,M) 54 - 60
1		-1.888	6.934	-1.888	-6.934	-49.416	14.832	-69.416
2		8.155	13.871	-8.155	-13.871	-99.271	27.186	-99.271
3	(+)	8.676	8.676	3.195	1.177	3.139	5.678	3.139
4	(-)	-7.079	-1.177	-7.079	-3.195	-17.099	-0.886	-17.099
5	(+)	4.780	0.445	4.780	2.885	14.394	0.445	14.394
6	(-)	-2.749	-2.885	-2.749	-0.445	-1.702	-1.702	-1.702
7	(+)	20.253	18.278	20.253	5.266	17.148	18.278	17.148
8	(-)	-46.369	-5.266	-46.369	-18.278	-101.612	-5.266	-101.612
9	(+)	1.823	0.139	1.823	1.021	0.139	0.139	0.139
10	(-)	-0.859	-1.021	-0.859	-0.139	-0.532	-1.021	-0.532
11	(+)	6.329	6.605	6.329	1.645	5.359	6.605	5.359
12	(-)	-12.641	-1.645	-12.641	-6.605	-35.662	-1.645	-35.662
13	(+)	1.063	0.111	1.063	0.439	1.704	0.111	1.704
14	(-)	-0.731	-0.439	-0.731	-0.111	-0.378	-0.439	-0.378
15	(+)	6.368	3.233	6.368	1.072	3.557	3.233	3.557
16	(-)	-9.510	-1.072	-9.510	-3.233	-13.099	-1.072	-13.099
17	(+)	5.604	0.522	5.604	2.692	15.938	0.522	15.938
18	(-)	-2.284	-2.692	-2.284	-0.522	-1.996	-2.692	-1.996
19	(+)	24.283	18.648	24.283	6.173	20.106	18.648	20.106
20	(-)	-50.087	-6.173	-50.087	-18.648	-101.176	-6.173	-101.176
21	(+)	3.514	0.475	3.514	1.991	10.614	0.475	10.614
22	(-)	-3.842	-1.991	-3.842	-0.475	-1.773	-1.991	-1.773
23	(+)	14.887	15.915	14.887	3.869	15.915	15.915	15.915
24	(-)	-42.908	-3.869	-42.908	-15.915	-86.761	-3.869	-86.761
25	(+)	2.886	0.250	2.886	1.460	6.707	0.250	6.707
26	(-)	-1.590	-1.460	-1.590	-0.250	-0.909	-1.460	-0.909
27	(+)	12.697	9.838	12.697	2.777	8.916	9.838	8.916
28	(-)	-27.151	-2.777	-27.151	-9.838	-48.761	-2.777	-48.761
29	(+)	25.033	18.723	25.033	8.148	31.541	18.723	31.541
30	(-)	-49.117	-8.148	-49.117	-18.723	-103.316	-8.148	-103.316
31	(+)	15.583	10.088	15.583	4.377	15.624	10.088	15.624
32	(-)	-28.742	-4.377	-28.742	-10.088	-49.671	-4.377	-49.671
33	(+)	29.887	19.170	29.887	8.865	34.044	19.170	34.044
34	(-)	-23.371	-8.865	-23.371	-19.170	-103.172	-8.865	-103.172
35	(+)	18.400	16.390	18.400	5.861	23.218	16.390	23.218
36	(-)	-45.730	-5.861	-45.730	-16.390	-88.534	-5.861	-88.534

** RAILWAY BRIDGE **

NO.	LOAD NAME	Q-Z(I, J)		M-Y(I, M)		Q-Z(I, J)		M-Y(I, M)	
		54	60	60	54	60	66	66	66
1		17,501	15,098	-9,506	15,098	9,506	9,506	41,081	-1,411
2		34,324	30,127	-20,044	30,127	20,044	20,044	91,551	-5,764
3		5,900	9,825	0,269	9,825	3,195	3,195	12,085	2,500
4	(RUL)	-0,685	-5,601	3,195	-5,601	-0,269	-0,269	-4,859	-1,535
		0,132	2,120	3,606	2,120	0,132	0,132	1,359	4,234
		-3,606	-3,156	-0,132	-3,156	-3,606	-3,606	-19,931	-0,132
5	(RUR)	27,965	31,580	0,893	31,580	27,965	27,965	164,611	0,893
		-0,893	-14,294	-21,965	-14,294	0,893	0,893	-15,738	-35,107
6	(RL1L)	0,041	0,663	1,280	0,663	0,041	0,041	1,406	0,041
		-1,280	-1,105	-0,041	-1,105	-1,280	-1,280	-7,988	-0,041
7	(RL1R)	10,000	12,075	0,279	12,075	10,000	10,000	59,632	0,279
		-0,279	-4,467	-10,000	-4,467	-0,279	-0,279	-4,924	-11,029
8	(RL2L)	0,032	0,782	0,503	0,782	0,032	0,032	0,536	0,032
		-0,503	-0,590	-0,032	-0,590	-0,503	-0,503	-3,083	-0,032
9	(RL2R)	4,114	6,482	0,268	6,482	4,114	4,114	26,063	0,268
		-0,268	-6,603	-0,114	-6,603	-0,268	-0,268	-5,880	-4,114
10	(RL1L)	0,154	2,533	2,903	2,533	0,154	0,154	1,763	3,652
		-2,903	-3,700	-0,154	-3,700	-2,903	-2,903	-15,825	-0,154
11	(RL1R)	21,713	34,597	1,047	34,597	21,713	21,713	134,667	1,047
		-1,047	-17,328	-21,713	-17,328	-1,047	-1,047	-18,929	-27,883
12	(KS16L)	0,139	2,216	2,382	2,216	0,139	0,139	1,571	2,825
		-2,382	-2,319	-0,139	-2,319	-2,382	-2,382	-12,827	-0,139
13	(KS16R)	18,777	29,677	0,656	29,677	18,777	18,777	115,150	0,656
		-0,656	-10,507	-18,777	-10,507	-0,656	-0,656	-11,582	-22,405
14	(RL1)	0,073	1,445	1,783	1,445	0,073	0,073	0,980	1,909
		-1,783	-1,723	-0,073	-1,723	-1,783	-1,783	-10,271	-0,073
15	(CALR)	14,114	18,555	0,547	18,555	14,114	14,114	85,695	0,547
		-0,547	-11,070	-14,114	-11,070	-0,547	-0,547	-10,804	-15,142
16	(RU)	28,096	33,700	0,498	33,700	28,096	28,096	165,970	0,498
		-0,498	-17,450	-28,096	-17,450	-0,498	-0,498	-33,639	-2,127
17	(CAL)	14,187	20,000	2,330	20,000	14,187	14,187	86,635	2,456
		-2,330	-12,865	-14,187	-12,865	-2,330	-2,330	-21,073	-15,215
18	(RL1)	21,867	37,151	3,950	37,151	21,867	21,867	136,630	4,609
		-3,950	-21,028	-21,867	-21,028	-3,950	-3,950	-34,804	-28,038
19	(KS16)	18,916	31,892	3,038	31,892	18,916	18,916	116,720	3,481
		-3,038	-12,826	-18,916	-12,826	-3,038	-3,038	-24,439	-22,544

** RAILWAY BRIDGE **

NO.	LOAD NAME	M-Y(T,M)		Q-Z(T)		M-Y(T,M)		Q-Z(T)		M-Y(T,M)		Q-Z(T)		
		66	72	66	72	72	66	72	66	72	72	66	72	78
1		41.081	3.780			39.806	4.315			39.806	4.315			-0.000
2		91.557	4.663			79.762	9.617			79.762	9.617			-0.000
3	(+)	12.085	0.719			13.634	1.970			13.634	1.970			0.000
4	(-)	4.859	-0.150			-2.430	-1.211			-2.430	-1.211			0.000
5	(+)	1.359	2.498			0.679	0.183			0.679	0.183			-0.000
6	(-)	-19.931	-0.143			-9.965	-2.094			-9.965	-2.094			-0.000
7	(+)	164.611	1.655			82.306	17.291			82.306	17.291			-0.000
8	(-)	-15.758	-20.713			-7.879	-1.655			-7.879	-1.655			0.000
9	(+)	0.425	0.836			0.212	0.045			0.212	0.045			-0.000
10	(-)	-7.187	-0.045			-3.594	-0.755			-3.594	-0.755			0.000
11	(+)	59.632	0.517			29.816	6.264			29.816	6.264			-0.000
12	(-)	-4.924	-0.948			-2.462	-0.517			-2.462	-0.517			0.000
13	(+)	0.536	0.324			0.268	0.056			0.268	0.056			-0.000
14	(-)	-3.083	-0.056			-1.542	-0.324			-1.542	-0.324			0.000
15	(+)	26.043	0.618			13.032	2.738			13.032	2.738			-0.000
16	(-)	-5.890	-2.738			-2.940	-0.618			-2.940	-0.618			0.000
17	(+)	1.763	2.153			0.881	0.183			0.881	0.183			-0.000
18	(-)	-15.874	-0.183			-7.937	-1.668			-7.937	-1.668			0.000
19	(+)	134.668	1.988			67.334	14.146			67.334	14.146			-0.000
20	(-)	-18.929	-18.252			-9.465	-1.988			-9.465	-1.988			0.000
21	(+)	1.571	1.636			0.785	0.165			0.785	0.165			-0.000
22	(-)	-12.857	-0.165			-6.428	-1.351			-6.428	-1.351			0.000
23	(+)	115.750	1.217			57.575	12.096			57.575	12.096			-0.000
24	(-)	-11.582	-14.510			-5.791	-1.217			-5.791	-1.217			0.000
25	(+)	0.960	1.160			0.480	0.101			0.480	0.101			-0.000
26	(-)	-10.821	-0.101			-5.135	-1.079			-5.135	-1.079			0.000
27	(+)	85.695	1.135			42.848	9.002			42.848	9.002			-0.000
28	(-)	-10.804	-9.684			-2.402	-1.135			-2.402	-1.135			0.000
29	(+)	165.970	4.134			82.985	17.434			82.985	17.434			-0.000
30	(-)	-32.689	-20.856			-17.844	-3.749			-17.844	-3.749			0.000
31	(+)	86.656	2.295			43.328	9.102			43.328	9.102			-0.000
32	(-)	-21.075	-9.797			-10.537	-2.214			-10.537	-2.214			0.000
33	(+)	136.430	4.162			68.215	14.331			68.215	14.331			-0.000
34	(-)	-34.893	-18.438			-17.402	-3.656			-17.402	-3.656			0.000
35	(+)	116.720	2.833			58.360	12.261			58.360	12.261			-0.000
36	(-)	-24.439	-14.975			-12.220	-2.567			-12.220	-2.567			0.000

NO.	LOAD NAME	Q-Z(T)	M-Y(T,M)	Q-Z(T)	M-Y(T,M)	Q-Z(T)	M-Y(T,M)
1		12.410	-0.000	-0.002	-0.006	0.002	-0.006
2		23.897	-0.000	-0.006	-0.014	0.006	-0.014
3	(+)	4.459	0.000	0.000	0.000	0.000	0.000
4	(+)	-0.510	0.000	-0.000	-0.001	-0.000	-0.001
5	(+)	0.143	0.000	0.001	0.002	0.009	0.017
6	(+)	-2.094	-0.000	-0.009	-0.021	-0.001	-0.022
7	(+)	17.291	0.000	0.000	0.001	0.002	0.001
8	(+)	-1.655	-0.000	-0.002	-0.005	-0.000	-0.001
9	(+)	0.045	0.000	0.000	0.000	0.003	0.001
10	(+)	-0.735	0.000	-0.003	-0.008	-0.000	-0.002
11	(+)	6.264	0.000	0.000	0.000	0.001	0.000
12	(+)	-0.517	-0.000	-0.001	-0.002	-0.000	-0.002
13	(+)	0.056	0.000	0.000	0.001	0.001	0.001
14	(+)	-0.324	-0.000	-0.002	-0.004	-0.000	-0.001
15	(+)	2.738	0.000	0.000	0.000	0.000	0.000
16	(+)	-0.618	-0.000	-0.000	-0.001	-0.000	-0.001
17	(+)	0.185	0.000	0.001	0.002	0.007	0.014
18	(+)	-1.668	-0.000	-0.002	-0.017	-0.001	-0.017
19	(+)	14.146	0.000	0.000	0.001	0.002	0.001
20	(+)	-1.988	-0.000	-0.002	-0.004	-0.000	-0.001
21	(+)	0.165	0.000	0.000	0.001	0.006	0.012
22	(+)	-1.351	-0.000	-0.006	-0.014	-0.000	-0.014
23	(+)	12.096	0.000	0.000	0.001	0.001	0.001
24	(+)	-1.217	-0.000	-0.001	-0.003	-0.000	-0.001
25	(+)	0.101	0.000	0.000	0.001	0.005	0.009
26	(+)	-1.079	-0.000	-0.005	-0.011	-0.000	-0.011
27	(+)	9.002	0.000	0.000	0.000	0.001	0.000
28	(+)	-1.133	-0.000	-0.001	-0.003	-0.000	-0.001
29	(+)	17.434	0.000	0.001	0.002	0.011	0.002
30	(+)	-3.749	-0.000	-0.011	-0.027	-0.001	-0.027
31	(+)	9.102	0.000	0.001	0.002	0.006	0.002
32	(+)	-2.214	-0.000	-0.006	-0.014	-0.001	-0.014
33	(+)	14.331	0.000	0.001	0.003	0.009	0.001
34	(+)	-3.656	-0.000	-0.009	-0.021	-0.001	-0.021
35	(+)	12.261	0.000	0.001	0.002	0.007	0.016
36	(+)	-2.367	-0.000	-0.007	-0.017	-0.001	-0.017

** RAILWAY BRIDGE **

NO.	LOAD NAME	M-Y(T,M)		Q-Z(T,T)		M-Y(T,M)		Q-Z(T,T)		M-Y(T,M)		Q-Z(T,T)	
		3	2	3	2	3	2	3	2	3	2	3	2
1		0.007	0.006	0.007	0.006	0.007	0.006	0.007	0.006	0.007	0.006	0.007	0.006
2		0.018	-0.014	0.018	-0.014	0.018	-0.014	0.018	-0.014	0.018	-0.014	0.018	-0.014
3	(+)	0.001	0.000	0.001	0.000	0.001	0.000	0.001	0.000	0.001	0.000	0.001	0.000
4	(RUL)	-0.000	-0.001	-0.000	-0.001	-0.000	-0.001	-0.000	-0.001	-0.000	-0.001	-0.000	-0.001
5	(RUR)	0.019	0.001	0.019	0.001	0.019	0.001	0.019	0.001	0.019	0.001	0.019	0.001
6	(RL1L)	-0.002	-0.017	-0.002	-0.017	-0.002	-0.017	-0.002	-0.017	-0.002	-0.017	-0.002	-0.017
7	(RL1R)	0.012	0.001	0.012	0.001	0.012	0.001	0.012	0.001	0.012	0.001	0.012	0.001
8	(RL2L)	-0.001	-0.007	-0.001	-0.007	-0.001	-0.007	-0.001	-0.007	-0.001	-0.007	-0.001	-0.007
9	(RL2R)	0.001	0.000	0.001	0.000	0.001	0.000	0.001	0.000	0.001	0.000	0.001	0.000
10	(RL1L)	-0.001	-0.006	-0.001	-0.006	-0.001	-0.006	-0.001	-0.006	-0.001	-0.006	-0.001	-0.006
11	(RL1R)	0.004	0.000	0.004	0.000	0.004	0.000	0.004	0.000	0.004	0.000	0.004	0.000
12	(KS16L)	-0.003	-0.003	-0.003	-0.003	-0.003	-0.003	-0.003	-0.003	-0.003	-0.003	-0.003	-0.003
13	(KS16R)	0.003	0.001	0.003	0.001	0.003	0.001	0.003	0.001	0.003	0.001	0.003	0.001
14	(RL1L)	-0.001	-0.002	-0.001	-0.002	-0.001	-0.002	-0.001	-0.002	-0.001	-0.002	-0.001	-0.002
15	(RL1R)	0.010	0.001	0.010	0.001	0.010	0.001	0.010	0.001	0.010	0.001	0.010	0.001
16	(RU)	-0.002	-0.009	-0.002	-0.009	-0.002	-0.009	-0.002	-0.009	-0.002	-0.009	-0.002	-0.009
17	(RL)	0.006	0.004	0.006	0.004	0.006	0.004	0.006	0.004	0.006	0.004	0.006	0.004
18	(RL')	-0.001	-0.004	-0.001	-0.004	-0.001	-0.004	-0.001	-0.004	-0.001	-0.004	-0.001	-0.004
19	(KS16)	0.031	0.021	0.031	0.021	0.031	0.021	0.031	0.021	0.031	0.021	0.031	0.021

NO.	LOAD NAME	Q-Z(I,J)		M-Y(I,M)		Q-Z(I,J)		M-Y(I,M)	
		4	5	5	6	5	6	5	6
1		0.006	0.006	0.006	0.006	-0.006	-0.006	0.006	0.006
2		0.014	0.014	0.014	0.014	-0.014	-0.014	0.014	0.014
3	(+)	0.001	0.001	0.001	0.001	-0.001	-0.001	0.001	0.001
4	(-)	-0.000	-0.000	-0.000	-0.000	0.000	0.000	-0.000	-0.000
5	(+)	0.007	0.007	0.007	0.007	-0.007	-0.007	0.007	0.007
6	(-)	-0.001	-0.001	-0.001	-0.001	0.001	0.001	-0.001	-0.001
7	(+)	0.017	0.017	0.017	0.017	-0.017	-0.017	0.017	0.017
8	(-)	-0.001	-0.001	-0.001	-0.001	0.001	0.001	-0.001	-0.001
9	(+)	0.003	0.003	0.003	0.003	-0.003	-0.003	0.003	0.003
10	(-)	-0.001	-0.001	-0.001	-0.001	0.001	0.001	-0.001	-0.001
11	(+)	0.006	0.006	0.006	0.006	-0.006	-0.006	0.006	0.006
12	(-)	-0.014	-0.014	-0.014	-0.014	0.014	0.014	-0.014	-0.014
13	(+)	0.005	0.005	0.005	0.005	-0.005	-0.005	0.005	0.005
14	(-)	-0.011	-0.011	-0.011	-0.011	0.011	0.011	-0.011	-0.011
15	(+)	0.004	0.004	0.004	0.004	-0.004	-0.004	0.004	0.004
16	(-)	-0.001	-0.001	-0.001	-0.001	0.001	0.001	-0.001	-0.001
17	(+)	0.025	0.025	0.025	0.025	-0.025	-0.025	0.025	0.025
18	(-)	-0.002	-0.002	-0.002	-0.002	0.002	0.002	-0.002	-0.002
19	(+)	0.013	0.013	0.013	0.013	-0.013	-0.013	0.013	0.013
20	(-)	-0.001	-0.001	-0.001	-0.001	0.001	0.001	-0.001	-0.001
21	(+)	0.020	0.020	0.020	0.020	-0.020	-0.020	0.020	0.020
22	(-)	-0.003	-0.003	-0.003	-0.003	0.003	0.003	-0.003	-0.003
23	(+)	0.016	0.016	0.016	0.016	-0.016	-0.016	0.016	0.016
24	(-)	-0.002	-0.002	-0.002	-0.002	0.002	0.002	-0.002	-0.002

NO.	LOAD NAME	M-Y(T.M.)		Q-Z(J.J.)		M-Y(T.M.)		Q-Z(J.J.)		M-Y(T.M.)		Q-Z(J.J.)		M-Y(T.M.)		Q-Z(J.J.)	
		13	14	13	14	14	15	14	15	14	15	14	15	14	15	14	15
1		0.000	-2.305	-5.655	2.305	-5.455	-0.774	-7.287									
2		0.000	0.216	0.511	-0.216	0.511	0.577	0.577									
3	(+)	0.000	0.461	1.092	3.838	1.092	3.750	1.766									
4	(+)	0.000	-3.838	-9.085	-0.461	-9.085	-1.063	-10.501									
5	(+)	0.000	45.240	107.088	1.963	107.092	0.542	33.112									
6	(+)	0.000	-1.963	-4.646	-0.542	-4.646	-3.122	-5.362									
7	(+)	0.000	0.091	0.216	5.566	0.216	0.610	0.391									
8	(+)	0.000	-5.566	-13.176	-0.091	-13.176	-0.465	-12.037									
9	(+)	0.000	16.251	38.467	0.613	38.469	0.169	11.995									
10	(+)	0.000	-0.613	-1.452	-16.251	-1.452	-11.188	-11.951									
11	(+)	0.000	0.029	0.068	1.986	0.068	0.196	0.122									
12	(+)	0.000	-1.986	-4.702	-0.029	-4.702	-0.145	-6.246									
13	(+)	0.000	6.849	16.213	0.886	16.213	0.457	5.278									
14	(+)	0.000	-0.886	-2.096	-6.849	-2.096	-4.619	-1.014									
15	(+)	0.000	0.051	0.120	0.806	0.120	0.134	0.116									
16	(+)	0.000	-0.051	-0.107	-0.806	-0.107	-0.132	-1.590									
17	(+)	0.000	35.157	83.221	2.375	83.223	0.677	27.209									
18	(+)	0.000	-2.375	-5.623	-35.157	-5.623	-23.663	-4.022									
19	(+)	0.000	0.107	0.253	4.259	0.253	0.715	0.458									
20	(+)	0.000	-4.259	-10.082	-0.107	-10.083	-0.557	-9.209									
21	(+)	0.000	30.042	71.112	1.443	71.114	0.399	23.260									
22	(+)	0.000	-1.443	-3.415	-30.042	-3.415	-20.216	-2.471									
23	(+)	0.000	0.099	0.235	3.633	0.235	0.448	0.434									
24	(+)	0.000	-3.633	-8.276	-0.099	-8.276	-0.480	-8.169									
25	(+)	0.000	23.100	54.680	1.499	54.682	0.627	17.273									
26	(+)	0.000	-1.499	-3.548	-23.100	-3.548	-15.807	-2.065									
27	(+)	0.000	0.079	0.187	2.792	0.187	0.330	0.238									
28	(+)	0.000	-2.792	-6.809	-0.079	-6.810	-0.278	-5.876									
29	(+)	0.000	45.331	107.305	7.549	107.308	1.152	33.503									
30	(+)	0.000	-7.549	-17.821	-45.331	-17.822	-31.717	-15.399									
31	(+)	0.000	23.179	54.667	4.291	54.669	0.957	17.511									
32	(+)	0.000	-4.291	-10.158	-23.179	-10.158	-16.085	-7.899									
33	(+)	0.000	35.264	83.474	6.635	83.476	1.391	27.667									
34	(+)	0.000	-6.635	-15.705	-35.264	-15.706	-24.219	-13.931									
35	(+)	0.000	30.141	71.347	5.065	71.349	0.847	23.694									
36	(+)	0.000	-5.065	-11.590	-30.141	-11.591	-20.696	-10.640									

NO.	LOAD NAME	Q-Z(T, M)		M-Y(T, M)		Q-Z(T, M)		M-Y(T, M)	
		15	14	15	16	16	15	16	17
1		0.774	-7.287	0.000	-7.286	0.000	-7.286	0.000	-7.286
2		-0.070	0.677	0.001	0.678	-0.001	0.678	-0.001	0.678
3	(+)	1.063	1.766	1.154	1.766	1.154	1.766	1.154	1.766
4	(+)	-0.250	-10.500	-1.154	-10.500	-1.154	-10.500	-1.154	-10.500
5	(+)	31.252	33.112	0.927	0.395	19.072	0.395	19.072	0.395
6	(+)	-0.542	-3.362	-19.072	-12.033	-0.927	-12.033	-0.927	-12.033
7	(+)	0.665	0.391	19.072	33.109	0.926	33.109	0.926	33.109
8	(+)	-0.610	-12.037	-0.926	-12.037	-0.926	-12.037	-0.926	-12.037
9	(+)	11.188	11.995	0.290	0.123	6.855	0.123	6.855	0.123
10	(+)	-0.169	-1.051	-6.855	-4.243	-0.290	-4.243	-0.290	-4.243
11	(+)	0.165	0.122	6.855	11.994	0.290	11.994	0.290	11.994
12	(+)	-0.176	-4.244	-0.290	-4.244	-0.290	-4.244	-0.290	-4.244
13	(+)	4.919	5.278	0.385	0.117	2.901	0.117	2.901	0.117
14	(+)	-0.457	-1.014	-2.901	-1.590	-0.385	-1.590	-0.385	-1.590
15	(+)	0.132	0.116	2.901	5.278	0.385	5.278	0.385	5.278
16	(+)	-0.134	-1.590	-0.385	-1.014	-2.901	-1.014	-2.901	-1.014
17	(+)	23.663	27.209	1.119	0.462	14.896	0.462	14.896	0.462
18	(+)	-0.677	-4.021	-14.896	-9.210	-1.119	-9.210	-1.119	-9.210
19	(+)	0.557	0.458	14.896	27.208	1.118	27.208	1.118	27.208
20	(+)	-0.715	-9.909	-1.118	-4.028	-14.896	-4.028	-14.896	-4.028
21	(+)	20.216	23.200	0.681	0.290	12.729	0.290	12.729	0.290
22	(+)	-0.599	-2.471	-12.729	-8.345	-0.681	-8.345	-0.681	-8.345
23	(+)	0.480	0.434	12.731	21.267	1.132	21.267	1.132	21.267
24	(+)	-0.448	-8.149	-1.132	-3.689	-12.731	-3.689	-12.731	-3.689
25	(+)	15.807	17.273	0.675	0.240	9.757	0.240	9.757	0.240
26	(+)	-0.278	-2.065	-9.757	-2.833	-0.675	-2.833	-0.675	-2.833
27	(+)	0.330	5.834	0.675	17.272	9.757	17.272	9.757	17.272
28	(+)	31.717	33.503	19.999	33.503	19.999	33.503	19.999	33.503
29	(+)	-1.152	-15.359	-19.999	-15.359	-19.999	-15.359	-19.999	-15.359
30	(+)	16.085	17.511	10.431	17.512	10.431	17.512	10.431	17.512
31	(+)	-0.957	-7.899	-10.431	-7.898	-10.431	-7.898	-10.431	-7.898
32	(+)	24.219	27.666	16.015	27.670	16.015	27.671	16.015	27.671
33	(+)	-1.391	-13.931	-16.015	-13.937	-16.015	-13.937	-16.015	-13.937
34	(+)	20.696	23.693	13.013	21.557	13.013	21.557	13.013	21.557
35	(+)	-0.847	-10.640	-13.013	-12.234	-13.013	-12.234	-13.013	-12.234
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** RAILWAY BRIDGE **

NO.	LOAD NAME	M-Y(T,M) 17 - 16	Q-Z(C,T) 17 - 16	M-Y(T,M) 17 - 18	Q-Z(C,T) 17 - 18	M-Y(T,M) 18 - 17	Q-Z(C,T) 18 - 17	M-Y(T,M) 18 - 17	Q-Z(C,T) 18 - 17
1		-5.453	-0.775	-5.453	2.303	-0.000	-2.303	0.000	0.000
2		0.516	0.069	0.516	-0.218	-0.000	0.218	0.000	0.000
3	(+)	9.085	1.063	9.085	-0.461	0.000	0.461	0.000	0.000
4	(RUL)	0.218	0.610	9.085	5.565	0.000	-5.565	0.000	0.000
5	(RUR)	13.175	-0.664	-13.174	-0.092	-0.000	0.092	0.000	0.000
6	(RL1L)	107.093	0.541	107.090	1.962	0.000	-1.962	0.000	0.000
7	(RL1R)	4.645	0.197	4.645	-4.240	0.000	4.240	0.000	0.000
8	(RL2L)	0.068	0.145	0.068	1.986	0.000	-1.986	0.000	0.000
9	(RL2R)	4.702	0.145	4.702	-0.029	-0.000	0.029	0.000	0.000
10	(RL1L)	38.468	0.169	38.468	0.613	0.000	-0.613	0.000	0.000
11	(RL1R)	11.188	-1.188	-11.188	-16.251	0.000	16.251	0.000	0.000
12	(KS16L)	0.120	0.134	0.120	0.806	0.000	-0.806	0.000	0.000
13	(KS16R)	1.907	-0.132	-1.907	-0.051	-0.000	0.051	0.000	0.000
14	(RLL)	16.213	0.457	16.213	0.886	0.000	-0.886	0.000	0.000
15	(RLR)	2.097	-4.620	-2.096	-6.849	-0.000	6.849	0.000	0.000
16	(RLL)	0.255	0.715	0.255	4.259	0.000	-4.259	0.000	0.000
17	(RLR)	10.083	-0.356	-10.082	-0.108	-0.000	0.108	0.000	0.000
18	(KS16L)	83.223	0.676	83.221	2.378	0.000	-2.378	0.000	0.000
19	(KS16R)	5.628	-23.663	-5.628	-35.157	-0.000	35.157	0.000	0.000
20	(RLL)	0.160	0.613	0.160	3.684	0.000	-3.684	0.000	0.000
21	(RLR)	8.722	-0.341	-8.721	-0.068	-0.000	0.068	0.000	0.000
22	(RLL)	69.289	0.898	69.287	2.456	0.000	-2.456	0.000	0.000
23	(RLL)	5.814	-20.286	-5.814	-29.271	-0.000	29.271	0.000	0.000
24	(RLR)	0.188	0.331	0.188	2.792	0.000	-2.792	0.000	0.000
25	(RLR)	56.609	-0.277	-56.609	-0.979	-0.000	0.979	0.000	0.000
26	(RLL)	54.682	0.826	54.681	1.499	0.000	-1.499	0.000	0.000
27	(RLL)	3.548	-15.808	-3.548	-23.100	-0.000	23.100	0.000	0.000
28	(RLL)	107.310	1.751	107.308	7.527	0.000	-7.527	0.000	0.000
29	(RLL)	17.820	-31.718	-17.819	-45.333	-0.000	45.333	0.000	0.000
30	(RLL)	54.870	0.977	54.868	4.291	0.000	-4.291	0.000	0.000
31	(RLL)	10.157	-16.085	-10.157	-23.179	-0.000	23.179	0.000	0.000
32	(RLL)	83.478	1.391	83.476	6.637	0.000	-6.637	0.000	0.000
33	(RLL)	15.711	-24.219	-15.710	-35.265	-0.000	35.265	0.000	0.000
34	(KS16)	69.449	1.511	69.447	6.141	0.000	-6.141	0.000	0.000
35	(KS16)	14.536	-20.638	-14.536	-29.138	-0.000	29.138	0.000	0.000

NO.	LOAD NAME	25 - 26		26 - 25		26 - 25		26 - 27		27 - 26		27 - 26	
		Q-Z(L)	M-Y(T,M)	Q-Z(L)	M-Y(T,M)	Q-Z(L)	M-Y(T,M)	Q-Z(L)	M-Y(T,M)	Q-Z(L)	M-Y(T,M)	Q-Z(L)	M-Y(T,M)
1		0.001	0.002	0.002	0.001	-0.001	0.002	-0.002	0.002	-0.002	-0.003	0.002	0.002
2		0.005	0.005	0.005	0.001	-0.002	0.005	-0.002	0.005	-0.002	-0.007	0.005	0.005
3	(+)	0.000	0.001	0.001	0.001	0.000	0.001	0.000	0.001	0.000	0.000	0.001	0.001
4	(RUL)	0.004	0.009	0.009	0.009	-0.000	0.009	-0.000	0.009	-0.001	-0.004	0.009	0.009
5	(RUR)	0.002	0.004	0.004	0.004	-0.004	0.004	-0.004	0.004	-0.008	-0.009	0.004	0.004
6	(RL1L)	0.001	0.003	0.003	0.003	0.000	0.003	0.000	0.003	0.001	-0.006	0.003	0.003
7	(RL1R)	0.001	0.003	0.003	0.003	0.001	0.003	0.001	0.003	-0.003	-0.003	0.001	0.001
8	(RL2L)	0.001	0.002	0.002	0.002	0.000	0.002	0.000	0.002	-0.001	-0.002	0.001	0.001
9	(RL2R)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-0.001	-0.001	0.001	0.001
10	(RL1L)	0.004	0.010	0.010	0.010	0.002	0.010	0.002	0.010	0.004	0.005	0.010	0.008
11	(RL1R)	0.002	0.005	0.005	0.005	-0.004	0.005	-0.004	0.005	-0.008	-0.009	0.005	0.004
12	(KS16L)	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.004	-0.006	0.001	0.002
13	(KS16R)	0.004	0.009	0.009	0.009	0.001	0.009	0.001	0.009	0.003	-0.006	0.003	0.003
14	(RL1L)	0.001	0.002	0.002	0.002	0.000	0.002	0.000	0.002	-0.007	-0.008	0.002	0.002
15	(RL1R)	0.000	0.001	0.001	0.001	0.001	0.001	0.001	0.001	-0.001	-0.004	0.001	0.001
16	(RU)	0.002	0.005	0.005	0.005	0.001	0.005	0.001	0.005	0.002	0.003	0.005	0.004
17	(RL)	0.001	0.003	0.003	0.003	-0.002	0.003	-0.002	0.003	-0.004	-0.005	0.003	0.002
18	(RL1)	0.005	0.015	0.015	0.015	0.001	0.015	0.001	0.015	0.001	0.002	0.015	0.002
19	(KS16)	0.004	0.011	0.011	0.011	0.002	0.011	0.002	0.011	-0.006	-0.006	0.011	0.001
		0.002	0.004	0.004	0.004	-0.004	0.004	-0.004	0.004	-0.010	-0.012	0.004	0.004

** RAILWAY BRIDGE **

NO.	LOAD NAME	M-Y(T,M) 27 - 28	Q-Z(I,J) 27 - 28	N-Y(T,M) 28 - 27	Q-Z(I,J) 29 - 27	M-Y(T,M) 28 - 29	Q-Z(I,J) 28 - 29	M-Y(T,M) 29 - 28
1		-0.003	0.003	0.003	-0.003	0.003	-0.003	-0.002
2		-0.007	0.006	0.007	-0.006	0.007	-0.006	-0.006
3	(+)	0.000	0.000	0.001	0.000	0.001	0.000	0.000
4	(+)	0.004	0.006	0.006	0.005	0.006	0.001	-0.001
5	(-)	-0.009	-0.003	-0.002	-0.006	-0.002	-0.004	-0.001
6	(+)	0.002	0.006	0.006	0.003	0.009	0.004	-0.003
7	(-)	-0.006	-0.003	-0.004	-0.006	-0.004	-0.008	0.003
8	(+)	0.001	0.002	0.002	0.001	0.002	0.000	0.000
9	(-)	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
10	(+)	0.005	0.007	0.007	0.005	0.007	0.002	0.002
11	(-)	-0.009	-0.003	-0.003	-0.007	-0.003	-0.002	-0.002
12	(+)	0.003	0.006	0.006	0.003	0.009	0.004	0.003
13	(-)	-0.003	-0.004	-0.004	-0.003	-0.003	-0.004	-0.003
14	(+)	0.004	0.004	0.004	0.004	0.004	0.005	0.006
15	(-)	-0.005	-0.002	-0.002	-0.002	-0.002	-0.008	-0.010
16	(+)	0.003	0.003	0.003	0.002	0.005	0.001	0.001
17	(-)	-0.004	-0.012	-0.012	-0.005	-0.003	-0.002	-0.002
18	(+)	0.008	0.007	0.007	0.004	0.008	0.005	0.006
19	(-)	-0.008	-0.015	-0.015	-0.007	-0.007	-0.011	-0.012
20	(+)	0.005	0.010	0.010	0.008	0.011	0.005	0.006
21	(-)	-0.012	-0.005	-0.005	-0.006	-0.006	-0.008	-0.009

** RAILWAY BRIDGE **

NO.	LOAD NAME	9-2(-T) 29			M-Y(-T,M) 29			9-2(-T) 30			M-Y(-T,M) 30			9-2(-T) 31			M-Y(-T,M) 31			9-2(-T) 32			M-Y(-T,M) 32		
1	(+)	0.002	-0.002	0.001	-0.002	0.002	0.001	-0.002	0.001	-0.002	0.001	-0.002	0.001	-0.002	0.001	-0.002	0.001	-0.002	0.001	-0.002	0.001	-0.002	0.001		
2	(-)	0.003	-0.003	0.002	-0.006	0.003	0.002	-0.006	0.003	-0.006	0.003	-0.006	0.003	-0.006	0.003	-0.006	0.003	-0.006	0.003	-0.006	0.003	-0.006	0.003		
3	(+)	0.001	-0.001	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.002	0.000	0.000	0.000	0.002		
4	(RUL)	0.004	-0.004	0.001	-0.001	0.001	-0.001	0.001	-0.001	0.001	-0.001	0.001	-0.001	0.001	-0.001	0.001	-0.001	0.001	-0.001	0.001	-0.001	0.001	-0.001		
5	(RUR)	0.008	-0.008	0.004	-0.004	0.004	-0.004	0.004	-0.004	0.004	-0.004	0.004	-0.004	0.004	-0.004	0.004	-0.004	0.004	-0.004	0.004	-0.004	0.004	-0.004		
6	(RL1L)	0.009	-0.009	0.002	-0.009	0.002	0.002	-0.009	0.002	-0.009	0.002	-0.009	0.002	-0.009	0.002	-0.009	0.002	-0.009	0.002	-0.009	0.002	-0.009	0.002		
7	(RL1R)	0.000	-0.000	0.001	-0.001	0.000	-0.000	0.001	-0.001	0.000	-0.000	0.001	-0.001	0.000	-0.000	0.001	-0.001	0.000	-0.000	0.001	-0.001	0.000	-0.000		
8	(RL2L)	0.001	-0.001	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.001		
9	(RL2R)	0.002	-0.002	0.001	-0.002	0.001	-0.002	0.001	-0.002	0.001	-0.002	0.001	-0.002	0.001	-0.002	0.001	-0.002	0.001	-0.002	0.001	-0.002	0.001	-0.002		
10	(RL1L)	0.004	-0.004	0.001	-0.001	0.001	-0.001	0.001	-0.001	0.001	-0.001	0.001	-0.001	0.001	-0.001	0.001	-0.001	0.001	-0.001	0.001	-0.001	0.001	-0.001		
11	(RL1R)	0.008	-0.008	0.004	-0.004	0.004	-0.004	0.004	-0.004	0.004	-0.004	0.004	-0.004	0.004	-0.004	0.004	-0.004	0.004	-0.004	0.004	-0.004	0.004	-0.004		
12	(KS16L)	0.003	-0.003	0.001	-0.003	0.001	-0.003	0.001	-0.003	0.001	-0.003	0.001	-0.003	0.001	-0.003	0.001	-0.003	0.001	-0.003	0.001	-0.003	0.001	-0.003		
13	(KS16R)	0.005	-0.005	0.002	-0.005	0.002	-0.005	0.002	-0.005	0.002	-0.005	0.002	-0.005	0.002	-0.005	0.002	-0.005	0.002	-0.005	0.002	-0.005	0.002	-0.005		
14	(RL1)	0.004	-0.004	0.002	-0.004	0.002	-0.004	0.002	-0.004	0.002	-0.004	0.002	-0.004	0.002	-0.004	0.002	-0.004	0.002	-0.004	0.002	-0.004	0.002	-0.004		
15	(RL2)	0.002	-0.002	0.001	-0.002	0.001	-0.002	0.001	-0.002	0.001	-0.002	0.001	-0.002	0.001	-0.002	0.001	-0.002	0.001	-0.002	0.001	-0.002	0.001	-0.002		
16	(RU)	0.011	-0.011	0.005	-0.011	0.005	-0.011	0.005	-0.011	0.005	-0.011	0.005	-0.011	0.005	-0.011	0.005	-0.011	0.005	-0.011	0.005	-0.011	0.005	-0.011		
17	(RL)	0.005	-0.005	0.002	-0.005	0.002	-0.005	0.002	-0.005	0.002	-0.005	0.002	-0.005	0.002	-0.005	0.002	-0.005	0.002	-0.005	0.002	-0.005	0.002	-0.005		
18	(RL1)	0.003	-0.003	0.001	-0.003	0.001	-0.003	0.001	-0.003	0.001	-0.003	0.001	-0.003	0.001	-0.003	0.001	-0.003	0.001	-0.003	0.001	-0.003	0.001	-0.003		
19	(KS16)	0.007	-0.007	0.003	-0.007	0.003	-0.007	0.003	-0.007	0.003	-0.007	0.003	-0.007	0.003	-0.007	0.003	-0.007	0.003	-0.007	0.003	-0.007	0.003	-0.007		
		0.008	-0.008	0.004	-0.008	0.004	-0.008	0.004	-0.008	0.004	-0.008	0.004	-0.008	0.004	-0.008	0.004	-0.008	0.004	-0.008	0.004	-0.008	0.004	-0.008		
		0.005	-0.005	0.002	-0.005	0.002	-0.005	0.002	-0.005	0.002	-0.005	0.002	-0.005	0.002	-0.005	0.002	-0.005	0.002	-0.005	0.002	-0.005	0.002	-0.005		

** RAILWAY BRIDGE **

NO.	LOAD NAME	M-Y(T,M)		Q-Z(T)		M-Y(T,M)		Q-Z(T)		M-Y(T,M)	
		38	37	38	37	38	39	39	38	39	40
1		-2.937	1.241	-2.937	1.241	-0.053	0.053	-3.062	0.053	-3.062	0.053
2		0.170	-0.072	0.170	-0.072	0.034	-0.034	0.251	0.034	0.251	0.034
3		2.415	2.936	2.415	2.936	1.209	3.850	3.850	0.733	3.850	0.733
4	(RUL)	-6.950	-1.020	-6.950	-1.020	-0.233	-2.209	-2.209	0.733	-2.209	0.733
5	(RUR)	86.107	2.359	86.107	2.359	0.536	18.731	18.731	28.463	18.731	28.463
6	(RL1L)	-5.585	-3.376	-5.585	-3.376	-28.463	-4.080	-4.080	-0.636	-4.080	-0.636
7	(RL1R)	0.000	5.731	0.000	5.731	0.000	0.000	0.000	1.645	0.000	1.645
8	(RL2L)	-13.566	0.000	-13.566	0.000	-1.945	-16.956	-16.956	0.000	-16.956	0.000
9	(RL2R)	31.251	0.732	31.252	0.732	0.199	7.066	7.066	10.217	7.066	10.217
10	(RL1L)	-1.745	-13.202	-1.745	-13.202	-10.217	-1.275	-1.275	-0.199	-1.275	-0.199
11	(RL1R)	0.000	2.037	0.000	2.037	0.000	0.000	0.000	0.554	0.000	0.554
12	(RL2L)	-4.821	0.000	-4.821	0.000	-0.554	-5.905	-5.905	0.000	-5.905	0.000
13	(RL2R)	15.309	1.077	15.309	1.077	0.645	4.197	4.197	4.694	4.197	4.694
14	(KS16L)	-2.250	-6.467	-2.250	-6.467	-6.694	-1.023	-1.023	-0.645	-1.023	-0.645
15	(KS16R)	2.080	0.879	2.023	0.879	0.000	0.068	0.068	0.133	0.068	0.133
16	(RL1L)	65.535	2.883	65.537	2.883	-0.133	-2.210	-2.210	0.000	-2.210	0.000
17	(RL1R)	-6.824	-27.686	-6.824	-27.686	1.173	15.182	15.182	21.272	15.182	21.272
18	(KS16L)	0.102	4.311	0.102	4.311	-21.272	-4.231	-4.231	-1.173	-4.231	-1.173
19	(KS16R)	-10.229	-0.045	-10.230	-0.045	0.000	1.541	1.541	0.000	1.541	0.000
20	(RL1L)	56.002	2.925	56.003	2.925	1.098	13.029	13.029	18.104	13.029	18.104
21	(RL1R)	-6.924	-23.658	-6.925	-23.658	-18.164	-4.225	-4.225	-1.098	-4.225	-1.098
22	(KS16L)	0.028	3.766	0.028	3.766	0.000	0.000	0.000	1.171	0.000	1.171
23	(KS16R)	-8.868	-0.012	-8.868	-0.012	-1.171	-11.601	-11.601	0.000	-11.601	0.000
24	(RL1L)	46.560	1.815	46.561	1.815	0.844	11.263	11.263	14.911	11.263	14.911
25	(RL1R)	-4.296	-19.669	-4.296	-19.669	-14.911	-2.298	-2.298	-0.844	-2.298	-0.844
26	(RU)	0.223	2.916	0.223	2.916	0.000	0.068	0.068	0.877	0.068	0.877
27	(RU)	-6.902	-0.094	-6.902	-0.094	-0.687	-8.115	-8.115	0.000	-8.115	0.000
28	(RL)	86.107	8.091	86.107	8.091	0.636	18.731	18.731	30.108	18.731	30.108
29	(RL)	-19.151	-36.276	-19.152	-36.276	-30.108	-21.036	-21.036	-0.636	-21.036	-0.636
30	(RL)	46.783	4.730	46.784	4.730	0.844	11.331	11.331	15.598	11.331	15.598
31	(RL1)	-11.197	-19.763	-11.198	-19.763	-15.598	-10.414	-10.414	-0.844	-10.414	-0.844
32	(KS16)	65.637	7.204	65.639	7.204	1.173	15.182	15.182	22.813	15.182	22.813
33	(KS16)	-17.053	-27.729	-17.054	-27.729	-22.813	-1.173	-1.173	-1.173	-1.173	-1.173
34	(KS16)	56.030	6.671	56.032	6.671	1.098	13.029	13.029	19.335	13.029	19.335
35	(KS16)	-15.722	-23.670	-15.723	-23.670	-19.335	-15.926	-15.926	-1.098	-15.926	-1.098

** RAILWAY BRIDGE **

NO.	LOAD NAME	Q-Z(L)		M-Y(T,M)		Q-Z(L)		M-Y(T,M)		Q-Z(L)		M-Y(T,M)	
		39	40	40	39	40	41	40	41	40	41	41	40
1		0.014	-3.030	0.016	-3.030	-0.016	0.069	0.069	-2.866	-0.069	-0.069	-0.069	
2		0.028	0.317	-0.028	0.317	0.028	-0.002	-0.002	0.313	0.002	0.002	0.002	
3	(+)	1.109	3.860	1.109	3.860	0.736	0.736	0.736	2.436	0.736	2.436	1.204	
4	(-)	-1.109	-7.261	-1.109	-7.261	-1.204	-1.204	-1.204	-6.931	-1.204	-6.931	-0.736	
5	(+)	1.069	0.000	15.074	0.000	15.074	0.000	1.845	0.000	0.000	0.000	0.000	
6	(-)	-15.074	-16.980	-15.074	-16.980	-1.069	-1.069	-18.251	-1.645	-1.645	-1.645	-1.645	
7	(+)	15.086	18.256	15.086	18.256	1.051	18.756	28.478	86.170	86.170	0.615	0.615	
8	(-)	-15.086	-18.256	-15.086	-18.256	-1.051	-18.756	-28.478	-86.170	-86.170	-0.615	-0.615	
9	(+)	0.334	0.000	5.479	0.000	5.479	0.000	0.554	0.000	0.000	0.000	0.000	
10	(-)	-5.479	-5.994	-5.479	-5.994	-0.334	-0.334	-7.073	-4.820	-4.820	-4.820	-0.554	
11	(+)	5.483	7.073	5.483	7.073	0.334	10.222	10.222	31.270	31.270	0.192	0.192	
12	(-)	-5.483	-7.073	-5.483	-7.073	-0.334	-10.222	-10.222	-31.270	-31.270	-0.192	-0.192	
13	(+)	0.461	0.000	2.707	0.000	2.707	0.069	0.069	0.224	0.000	0.000	0.000	
14	(-)	-0.461	-2.211	-0.461	-2.211	-0.069	-0.069	-0.224	-2.081	-2.081	-2.081	-0.133	
15	(+)	2.706	4.195	2.706	4.195	0.459	4.693	4.693	15.305	15.305	0.642	0.642	
16	(-)	-2.706	-4.195	-2.706	-4.195	-0.459	-4.693	-4.693	-15.305	-15.305	-0.642	-0.642	
17	(+)	1.273	0.000	11.504	0.000	11.504	0.000	1.541	0.000	0.000	0.000	0.000	
18	(-)	-11.504	-13.871	-11.504	-13.871	-1.273	-1.273	-13.871	-1.541	-1.541	-1.541	-1.541	
19	(+)	11.501	15.176	11.501	15.176	1.273	15.176	21.269	65.323	65.323	1.172	1.172	
20	(-)	-11.501	-15.176	-11.501	-15.176	-1.273	-15.176	-21.269	-65.323	-65.323	-1.172	-1.172	
21	(+)	1.273	0.000	9.827	0.000	9.827	1.298	1.298	0.021	0.000	0.000	0.000	
22	(-)	-1.273	-1.298	-1.273	-1.298	-0.000	-1.298	-1.298	-8.860	-8.860	-8.860	-1.111	
23	(+)	9.827	13.022	9.827	13.022	1.298	13.022	18.181	55.989	55.989	1.097	1.097	
24	(-)	-9.827	-13.022	-9.827	-13.022	-1.298	-13.022	-18.181	-55.989	-55.989	-1.097	-1.097	
25	(+)	0.795	0.069	8.186	0.069	8.186	0.069	0.687	0.224	0.000	0.000	0.000	
26	(-)	-0.795	-8.114	-0.795	-8.114	-0.069	-0.069	-0.687	-6.901	-6.901	-6.901	-0.887	
27	(+)	8.186	11.269	8.186	11.269	0.795	14.915	14.915	46.575	46.575	0.835	0.835	
28	(-)	-8.186	-11.269	-8.186	-11.269	-0.795	-14.915	-14.915	-46.575	-46.575	-0.835	-0.835	
29	(+)	0.788	2.283	0.788	2.283	2.283	30.123	30.123	86.170	86.170	0.615	0.615	
30	(-)	-0.788	-2.283	-0.788	-2.283	-2.283	-30.123	-30.123	-86.170	-86.170	-0.615	-0.615	
31	(+)	16.155	18.256	16.155	18.256	16.155	16.155	16.155	19.064	19.064	0.335	0.335	
32	(-)	-16.155	-20.596	-16.155	-20.596	-16.155	-16.155	-16.155	-19.064	-19.064	-0.335	-0.335	
33	(+)	8.984	11.337	8.984	11.337	8.984	15.602	15.602	46.799	46.799	0.835	0.835	
34	(-)	-8.984	-11.337	-8.984	-11.337	-8.984	-15.602	-15.602	-46.799	-46.799	-0.835	-0.835	
35	(+)	12.773	15.176	12.773	15.176	12.773	22.810	22.810	65.618	65.618	1.172	1.172	
36	(-)	-12.773	-15.176	-12.773	-15.176	-12.773	-22.810	-22.810	-65.618	-65.618	-1.172	-1.172	
37	(+)	11.125	13.022	11.125	13.022	11.125	19.352	19.352	56.010	56.010	1.097	1.097	
38	(-)	-11.125	-13.022	-11.125	-13.022	-11.125	-19.352	-19.352	-56.010	-56.010	-1.097	-1.097	
39	(+)	11.131	15.918	11.131	15.918	11.131	15.918	15.918	15.780	15.780	1.097	1.097	
40	(-)	-11.131	-15.918	-11.131	-15.918	-11.131	-15.918	-15.918	-15.780	-15.780	-1.097	-1.097	

** RAILWAY BRIDGE **

NO.	LOAD NAME	M-Y(T,M) 41 - 42	Q-Z(T)) 41 - 42	M-Y(T,M) 42 - 41	Q-Z(T)) 42 - 41	M-Y(T,M) 49 - 50	Q-Z(T)) 49 - 50	M-Y(T,M) 50 - 49
1		-2.866	1.211	0.000	-1.211	-0.000	-0.001	-0.002
2		0.513	-0.132	-0.000	0.132	-0.000	-0.002	-0.006
3	(+)	2.436	2.936	0.000	1.029	0.000	0.000	0.000
4	(+)	-6.951	-1.029	-0.000	-2.936	-0.000	-0.000	-0.001
5	(+)	0.000	5.729	0.000	0.000	0.000	0.002	0.004
6	(+)	-13.561	0.000	-0.000	-2.729	-0.000	-0.004	-0.009
7	(+)	86.168	2.324	0.000	36.402	0.000	0.003	0.001
8	(+)	-5.502	-36.402	-0.000	-2.324	-0.000	-0.001	-0.003
9	(+)	0.000	2.036	0.000	0.000	0.000	0.001	0.001
10	(+)	4.820	0.000	-0.000	-2.036	-0.000	-0.001	-0.003
11	(+)	31.269	0.726	0.000	13.210	0.000	0.000	0.000
12	(+)	-1.719	-13.210	-0.000	-0.726	-0.000	-0.000	-0.001
13	(+)	0.524	0.879	0.000	0.095	0.000	0.001	0.002
14	(+)	-2.081	-0.095	-0.000	-0.879	-0.000	-0.001	-0.002
15	(+)	15.305	1.073	0.000	6.466	0.000	0.000	0.000
16	(+)	-22.539	-6.466	-0.000	-1.073	-0.000	-0.000	-0.001
17	(+)	0.095	4.318	0.000	0.040	0.000	0.000	0.006
18	(+)	-10.222	-0.040	-0.000	-4.318	-0.000	-0.004	-0.010
19	(+)	65.521	2.881	0.000	27.680	0.000	0.000	0.001
20	(+)	-6.819	-27.680	-0.000	-2.881	-0.000	-0.001	-0.003
21	(+)	0.021	3.743	0.000	0.009	0.000	0.002	0.005
22	(+)	-8.860	-0.009	-0.000	-3.743	-0.000	-0.003	-0.006
23	(+)	55.988	2.925	0.000	23.652	0.000	0.000	0.001
24	(+)	-6.920	-23.652	-0.000	-2.925	-0.000	-0.001	-0.002
25	(+)	0.224	2.915	0.000	0.095	0.000	0.001	0.003
26	(+)	-6.901	-0.095	-0.000	-2.915	-0.000	-0.002	-0.003
27	(+)	46.574	1.799	0.000	19.675	0.000	0.000	0.001
28	(+)	-4.258	-19.675	-0.000	-1.799	-0.000	-0.001	-0.002
29	(+)	86.168	8.033	0.000	36.402	0.000	0.003	0.005
30	(+)	-12.063	-36.402	-0.000	-8.033	-0.000	-0.003	-0.012
31	(+)	46.798	4.714	0.000	19.770	0.000	0.002	0.004
32	(+)	-11.159	-19.770	-0.000	-4.714	-0.000	-0.003	-0.007
33	(+)	65.616	7.199	0.000	27.720	0.000	0.003	0.007
34	(+)	-17.041	-27.720	-0.000	-7.199	-0.000	-0.003	-0.013
35	(+)	17.008	6.666	0.000	23.661	0.000	0.002	0.006
36	(+)	-15.780	-23.661	-0.000	-6.666	-0.000	-0.004	-0.009

** RAILWAY BRIDGE **

NO.	LOAD NAME	Q-Z(L) 50-49	M-Y(L,M) 50-51	Q-Z(L) 50-51	M-Y(L,M) 51-50	Q-Z(L) 51-50	M-Y(L,M) 51-52	Q-Z(L) 51-52
1		0.001	-0.003	0.002	0.003	-0.002	0.003	-0.003
2		0.002	-0.006	0.005	0.007	-0.005	0.007	-0.006
3	(+)	0.000	0.000	0.001	0.001	0.000	0.001	0.000
4	(+)	-0.004	-0.005	-0.008	-0.009	-0.004	-0.009	-0.000
5	(+)	-0.002	-0.010	-0.004	-0.004	-0.008	-0.004	-0.006
6	(+)	0.001	0.001	0.004	0.006	0.001	0.006	0.003
7	(+)	-0.000	-0.003	-0.001	-0.002	-0.004	-0.002	-0.006
8	(+)	-0.001	-0.004	-0.001	-0.001	-0.003	-0.001	-0.002
9	(+)	-0.000	-0.000	0.001	0.002	0.000	0.002	0.001
10	(+)	0.004	0.006	0.008	0.010	0.005	0.009	0.004
11	(+)	-0.002	-0.010	-0.005	-0.005	-0.008	-0.005	-0.007
12	(+)	0.001	0.001	0.004	0.006	0.002	0.006	0.003
13	(+)	-0.000	-0.003	-0.002	-0.003	-0.004	-0.003	-0.007
14	(+)	0.003	0.005	0.005	0.006	0.004	0.006	0.003
15	(+)	-0.001	-0.007	-0.004	-0.004	-0.005	-0.004	-0.004
16	(+)	0.001	0.001	0.003	0.005	0.001	0.005	0.002
17	(+)	-0.002	-0.002	-0.001	-0.002	-0.003	-0.002	-0.006
18	(+)	0.002	0.003	0.004	0.005	0.002	0.005	0.002
19	(+)	-0.001	-0.006	-0.002	-0.003	-0.004	-0.003	-0.003
20	(+)	-0.000	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
21	(+)	0.001	0.001	0.001	0.001	0.001	0.001	0.001
22	(+)	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
23	(+)	0.001	0.001	0.001	0.001	0.001	0.001	0.001
24	(+)	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
25	(+)	0.001	0.001	0.001	0.001	0.001	0.001	0.001
26	(+)	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
27	(+)	0.001	0.001	0.001	0.001	0.001	0.001	0.001
28	(+)	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
29	(+)	0.001	0.001	0.001	0.001	0.001	0.001	0.001
30	(+)	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
31	(+)	0.001	0.001	0.001	0.001	0.001	0.001	0.001
32	(+)	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
33	(+)	0.001	0.001	0.001	0.001	0.001	0.001	0.001
34	(+)	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
35	(+)	0.001	0.001	0.001	0.001	0.001	0.001	0.001
36	(+)	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
37	(+)	0.001	0.001	0.001	0.001	0.001	0.001	0.001
38	(+)	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
39	(+)	0.001	0.001	0.001	0.001	0.001	0.001	0.001
40	(+)	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
41	(+)	0.001	0.001	0.001	0.001	0.001	0.001	0.001
42	(+)	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
43	(+)	0.001	0.001	0.001	0.001	0.001	0.001	0.001
44	(+)	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
45	(+)	0.001	0.001	0.001	0.001	0.001	0.001	0.001
46	(+)	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
47	(+)	0.001	0.001	0.001	0.001	0.001	0.001	0.001
48	(+)	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
49	(+)	0.001	0.001	0.001	0.001	0.001	0.001	0.001
50	(+)	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001
51	(+)	0.001	0.001	0.001	0.001	0.001	0.001	0.001
52	(+)	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001	-0.001

** RAILWAY BRIDGE **

NO.	LOAD NAME	N-Y(T,M)		Q-Z(C,T)		M-Y(T,M)		Q-Z(C,T)		M-Y(T,M)	
		52	51	52	51	53	52	53	52	53	54
1		-0.003	0.003	-0.003	0.002	0.002	0.002	0.002	-0.002	0.002	0.002
2		-0.007	0.004	-0.007	0.005	0.005	0.006	0.006	-0.005	0.005	0.005
3	(+)	0.000	0.000	0.000	0.001	0.001	0.001	0.001	0.000	0.001	0.001
4	(RUL)	0.002	0.006	-0.001	-0.000	-0.000	-0.000	-0.000	-0.001	-0.000	-0.000
5	(RUR)	-0.006	-0.003	0.006	-0.004	-0.004	0.003	0.003	0.001	0.003	0.003
6	(RL1L)	0.004	0.006	-0.004	0.008	0.008	-0.001	-0.001	0.004	0.009	0.009
7	(RL1R)	0.001	-0.003	-0.009	-0.004	-0.004	-0.005	-0.005	-0.004	-0.004	-0.004
8	(RL2L)	-0.002	0.002	0.001	0.001	0.001	0.001	0.001	0.000	0.001	0.001
9	(RL2R)	-0.003	0.001	-0.002	-0.000	-0.000	-0.000	-0.000	-0.001	-0.000	-0.001
10	(RL1L)	0.003	0.007	0.003	-0.001	-0.001	0.003	0.003	0.001	0.003	0.003
11	(RL1R)	-0.006	-0.004	-0.006	0.001	0.001	-0.001	-0.001	-0.001	-0.001	-0.001
12	(KST6L)	0.005	0.007	-0.009	-0.001	-0.001	0.001	0.001	0.001	0.001	0.001
13	(KST6R)	0.003	0.004	0.003	0.004	0.004	0.002	0.002	0.002	0.002	0.002
14	(RL1L)	-0.008	-0.002	-0.008	0.003	0.003	-0.001	-0.001	-0.002	-0.001	-0.001
15	(RL1R)	0.002	0.003	0.002	-0.002	-0.002	0.002	0.002	0.002	0.002	0.002
16	(RU)	-0.005	-0.002	-0.005	0.004	0.004	-0.001	-0.001	-0.001	-0.001	-0.001
17	(RL)	0.006	0.012	0.006	0.011	0.011	0.006	0.006	0.004	0.003	0.003
18	(RL1)	-0.014	-0.005	-0.014	-0.005	-0.005	-0.006	-0.006	-0.006	-0.006	-0.006
19	(KST6)	0.004	0.007	0.004	0.006	0.006	0.007	0.007	0.003	0.007	0.007
		-0.008	-0.004	-0.008	-0.003	-0.003	-0.004	-0.004	-0.004	-0.004	-0.004
		0.008	0.015	0.008	0.012	0.012	0.013	0.013	0.006	0.013	0.013
		-0.015	-0.007	-0.015	-0.006	-0.006	-0.007	-0.007	-0.012	-0.007	-0.007
		0.005	0.010	0.005	0.010	0.010	0.011	0.011	0.004	0.011	0.011
		-0.012	-0.005	-0.012	-0.004	-0.004	-0.004	-0.004	-0.010	-0.004	-0.004

** RAILWAY BRIDGE **

JIP-GRIDD PAGE 104

NO.	LOAD NAME	Q-Z(L,T)	M-Y(T,M)	Q-Z(L,T)	M-Y(T,M)	Q-Z(L,T)	M-Y(T,M)
		53 - 54	54 - 55	61 - 62	61 - 62	61 - 62	62 - 61
1		-0.001	0.000	0.001	0.021	-2.546	-6.005
2		-0.002	0.000	0.002	0.042	-0.268	-0.591
3	(+)	0.000	0.000	0.000	0.000	0.665	0.868
4	(-)	-0.000	0.000	-0.000	-0.001	-3.909	3.909
5	(+)	0.001	0.000	0.001	0.043	-9.247	-0.465
6	(-)	-0.001	0.000	-0.001	-0.004	44.743	105.957
7	(+)	0.002	0.000	0.004	0.009	-4.915	-4.536
8	(-)	-0.004	0.000	-0.002	-0.005	0.092	0.219
9	(+)	0.000	0.000	0.000	0.016	-13.046	5.509
10	(-)	-0.000	0.000	-0.000	-0.001	16.071	-38.058
11	(+)	0.001	0.000	0.001	0.001	-0.598	0.998
12	(-)	-0.001	0.000	-0.001	-0.000	1.418	-16.071
13	(+)	0.000	0.000	0.000	0.002	0.029	0.068
14	(-)	-0.000	0.000	-0.000	-0.002	-1.966	4.656
15	(+)	0.000	0.000	0.000	0.007	6.770	-0.029
16	(-)	-0.000	0.000	-0.000	-0.002	-0.868	1.966
17	(+)	0.001	0.000	0.001	0.001	0.049	0.116
18	(-)	-0.001	0.000	-0.001	-0.000	-0.797	0.797
19	(+)	0.001	0.000	0.001	0.036	-1.887	-1.887
20	(-)	-0.001	0.000	-0.001	-0.006	34.750	82.294
21	(+)	0.002	0.000	0.004	0.004	-2.320	-5.496
22	(-)	-0.004	0.000	-0.002	-0.000	0.108	0.256
23	(+)	0.000	0.000	0.000	0.004	-4.220	4.220
24	(-)	-0.000	0.000	-0.000	-0.002	9.992	-9.992
25	(+)	0.000	0.000	0.000	0.028	-28.951	28.951
26	(-)	-0.001	0.000	-0.000	-0.005	2.403	68.559
27	(+)	0.001	0.000	0.001	0.004	-2.403	-2.403
28	(-)	-0.001	0.000	-0.001	-0.000	0.068	0.694
29	(+)	0.004	0.000	0.004	0.000	-3.650	0.161
30	(-)	-0.004	0.000	-0.001	-0.004	8.643	-8.643
31	(+)	0.000	0.000	0.001	0.023	-22.841	54.091
32	(-)	-0.001	0.000	-0.000	-0.003	1.466	-3.474
33	(+)	0.001	0.000	0.002	0.000	0.078	0.185
34	(-)	-0.002	0.000	-0.002	-0.003	2.763	-2.763
35	(+)	0.002	0.000	0.005	0.044	-4.824	104.175
36	(-)	-0.005	0.000	-0.002	-0.010	7.424	-17.582
37	(+)	0.002	0.000	0.003	0.023	-22.919	54.276
38	(-)	-0.003	0.000	-0.002	-0.006	4.229	-10.016
39	(+)	0.003	0.000	0.005	0.036	-34.859	82.520
40	(-)	-0.005	0.000	-0.003	-0.010	6.539	-13.658
41	(+)	0.002	0.000	0.004	0.028	-29.019	68.719
42	(-)	-0.004	0.000	-0.002	-0.008	6.053	-14.337
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** RAILWAY BRIDGE **

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NO.	LOAD NAME	M-Y(T,M)		Q-Z(I,J)		M-Y(T,M)		Q-Z(I,J)		M-Y(T,M)		Q-Z(I,J)	
		62	63	62	63	63	64	63	64	63	64	63	64
1		-6.005	-0.786	-7.865	0.786	-7.865	0.786	-7.865	0.786	-7.865	0.786	-7.865	0.786
2		-0.591	0.046	-0.681	-0.046	-0.681	-0.046	-0.681	-0.046	-0.681	-0.046	-0.681	-0.046
3		1.099	0.747	1.774	1.064	1.774	1.064	1.774	1.064	1.774	1.064	1.774	1.064
4	(RUL)	105.960	-1.064	-10.671	-1.064	-10.671	-1.064	-10.671	-1.064	-10.671	-1.064	-10.671	-1.064
5	(RUR)	-4.537	0.543	31.924	0.543	31.924	0.543	31.924	0.543	31.924	0.543	31.924	0.543
6	(RL1L)	38.059	-13.047	-11.901	-0.611	-11.901	-0.611	-11.901	-0.611	-11.901	-0.611	-11.901	-0.611
7	(RL1R)	-1.416	0.170	11.565	0.170	11.565	0.170	11.565	0.170	11.565	0.170	11.565	0.170
8	(RL2L)	0.068	0.197	0.123	0.123	0.123	0.123	0.123	0.123	0.123	0.123	0.123	0.123
9	(RL2R)	-6.656	-0.145	-4.195	-0.197	-4.195	-0.197	-4.195	-0.197	-4.195	-0.197	-4.195	-0.197
10	(RL1L)	16.034	0.458	5.090	0.458	5.090	0.458	5.090	0.458	5.090	0.458	5.090	0.458
11	(RL1R)	-2.056	-4.623	-0.872	-0.872	-0.872	-0.872	-0.872	-0.872	-0.872	-0.872	-0.872	-0.872
12	(KS16L)	0.116	0.134	0.117	0.132	0.117	0.132	0.117	0.132	0.117	0.132	0.117	0.132
13	(KS16R)	-1.887	-0.132	-1.569	-0.132	-1.569	-0.132	-1.569	-0.132	-1.569	-0.132	-1.569	-0.132
14	(RL1L)	82.296	0.679	26.239	0.679	26.239	0.679	26.239	0.679	26.239	0.679	26.239	0.679
15	(RL1R)	-5.497	-23.681	-3.820	-0.629	-3.820	-0.629	-3.820	-0.629	-3.820	-0.629	-3.820	-0.629
16	(KS16L)	0.256	0.717	0.461	0.537	0.461	0.537	0.461	0.537	0.461	0.537	0.461	0.537
17	(KS16R)	-9.992	-0.557	-9.815	-0.557	-9.815	-0.557	-9.815	-0.557	-9.815	-0.557	-9.815	-0.557
18	(RL1L)	68.560	0.900	20.505	0.900	20.505	0.900	20.505	0.900	20.505	0.900	20.505	0.900
19	(RL1R)	-5.694	-0.501	-3.563	-0.501	-3.563	-0.501	-3.563	-0.501	-3.563	-0.501	-3.563	-0.501
20	(RL1L)	0.161	0.915	0.289	0.342	0.289	0.342	0.289	0.342	0.289	0.342	0.289	0.342
21	(RL1R)	-8.644	-0.342	-8.643	-0.342	-8.643	-0.342	-8.643	-0.342	-8.643	-0.342	-8.643	-0.342
22	(KS16L)	54.093	0.628	16.655	0.628	16.655	0.628	16.655	0.628	16.655	0.628	16.655	0.628
23	(KS16R)	-3.474	-15.819	-1.988	-0.278	-1.988	-0.278	-1.988	-0.278	-1.988	-0.278	-1.988	-0.278
24	(RL1L)	0.185	0.332	0.240	0.240	0.240	0.240	0.240	0.240	0.240	0.240	0.240	0.240
25	(RL1R)	-6.543	-0.278	-5.764	-0.278	-5.764	-0.278	-5.764	-0.278	-5.764	-0.278	-5.764	-0.278
26	(KS16L)	106.178	1.154	32.318	1.154	32.318	1.154	32.318	1.154	32.318	1.154	32.318	1.154
27	(KS16R)	-12.583	-31.741	-15.152	-1.154	-15.152	-1.154	-15.152	-1.154	-15.152	-1.154	-15.152	-1.154
28	(RL1L)	56.277	0.959	16.895	0.959	16.895	0.959	16.895	0.959	16.895	0.959	16.895	0.959
29	(RL1R)	-10.017	-16.097	-7.552	-0.959	-7.552	-0.959	-7.552	-0.959	-7.552	-0.959	-7.552	-0.959
30	(KS16L)	82.552	1.596	26.700	1.596	26.700	1.596	26.700	1.596	26.700	1.596	26.700	1.596
31	(KS16R)	-15.489	-24.237	-13.705	-1.596	-13.705	-1.596	-13.705	-1.596	-13.705	-1.596	-13.705	-1.596
32	(RL1L)	68.721	1.515	20.794	1.515	20.794	1.515	20.794	1.515	20.794	1.515	20.794	1.515
33	(RL1R)	-18.338	-20.642	-12.026	-1.515	-12.026	-1.515	-12.026	-1.515	-12.026	-1.515	-12.026	-1.515

** RAILWAY BRIDGE **

NO.	LOAD NAME	Q-25(L)		M-Y(L,R)		Q-2(C,T)		M-Y(C,R)		Q-25(T)	
		64	65	64	65	64	65	64	65	64	65
1		-0.063	-7.648	0.871	-5.607	-0.871	-5.607	-0.871	-5.607	-0.871	-5.607
2		-0.167	-0.087	0.128	0.206	-0.128	0.206	-0.128	0.206	-0.128	0.206
3	(+)	1.171	1.771	1.094	1.094	0.754	1.094	0.754	1.094	0.754	1.094
4	(RUL)	-1.181	-10.613	-0.754	-9.130	-1.094	-9.130	-1.094	-9.130	-1.094	-9.130
5	(RAUR)	18.901	0.350	0.446	0.199	0.472	0.199	0.472	0.199	0.472	0.199
6	(RL1L)	-0.810	-2.317	-0.472	-13.491	-0.472	-13.491	-0.472	-13.491	-0.472	-13.491
7	(RL1R)	0.925	33.199	31.231	107.129	0.539	107.129	0.539	107.129	0.539	107.129
8	(RL2L)	-19.053	-3.370	-0.539	-4.647	-31.231	-4.647	-31.231	-4.647	-31.231	-4.647
9	(RL2R)	6.793	0.109	0.139	0.062	0.148	0.062	0.148	0.062	0.148	0.062
10	(RL1L)	-0.284	-4.526	-0.148	-4.816	-0.139	-4.816	-0.139	-4.816	-0.139	-4.816
11	(RL1R)	0.289	12.027	11.180	38.482	0.169	38.482	0.169	38.482	0.169	38.482
12	(RL2L)	-6.848	-1.053	-0.169	-1.452	-11.180	-1.452	-11.180	-1.452	-11.180	-1.452
13	(RL2R)	2.874	0.109	0.126	0.131	0.103	0.131	0.103	0.131	0.103	0.131
14	(KS16L)	-0.379	-1.714	-0.103	-1.957	-0.126	-1.957	-0.126	-1.957	-0.126	-1.957
15	(KS16R)	0.385	5.292	4.616	16.219	0.357	16.219	0.357	16.219	0.357	16.219
16	(RL1L)	-2.898	-1.016	-0.457	-2.097	-6.816	-2.097	-6.816	-2.097	-6.816	-2.097
17	(RL1R)	14.756	0.410	0.534	0.234	0.534	0.234	0.534	0.234	0.534	0.234
18	(RL2L)	-1.059	-10.409	-0.554	-10.286	-0.534	-10.286	-0.534	-10.286	-0.534	-10.286
19	(RL2R)	1.117	27.280	23.645	83.252	0.573	83.252	0.573	83.252	0.573	83.252
20	(KS16L)	-14.881	-4.031	-0.673	-5.624	-23.645	-5.624	-23.645	-5.624	-23.645	-5.624
21	(KS16R)	12.821	0.395	0.460	0.218	0.347	0.218	0.347	0.218	0.347	0.218
22	(RL1L)	-1.174	-8.628	-0.347	-8.779	-0.347	-8.779	-0.347	-8.779	-0.347	-8.779
23	(RL1R)	0.680	23.321	20.200	71.139	0.396	71.139	0.396	71.139	0.396	71.139
24	(RL2L)	-12.216	-2.477	-0.396	-3.416	-20.200	-3.416	-20.200	-3.416	-20.200	-3.416
25	(RL2R)	9.668	0.218	0.265	0.193	0.250	0.193	0.250	0.193	0.250	0.193
26	(RU)	-0.674	-6.240	-0.250	-6.773	-0.265	-6.773	-0.265	-6.773	-0.265	-6.773
27	(RL)	9.747	17.318	15.796	54.701	0.625	54.701	0.625	54.701	0.625	54.701
28	(KS16)	-9.747	-2.070	-0.625	-3.550	-15.796	-3.550	-15.796	-3.550	-15.796	-3.550
29	(RL)	19.826	35.590	31.677	107.329	1.012	107.329	1.012	107.329	1.012	107.329
30	(RL)	-19.826	-16.187	-1.012	-18.138	-31.677	-18.138	-31.677	-18.138	-31.677	-18.138
31	(RL)	10.341	17.537	16.062	54.894	0.876	54.894	0.876	54.894	0.876	54.894
32	(RL)	-10.341	-8.310	-0.876	-10.323	-16.062	-10.323	-16.062	-10.323	-16.062	-10.323
33	(KS16)	15.873	27.690	24.179	83.486	1.227	83.486	1.227	83.486	1.227	83.486
34	(KS16)	-15.873	-14.440	-1.227	-15.911	-24.179	-15.911	-24.179	-15.911	-24.179	-15.911
35	(KS16)	12.901	23.714	20.660	71.357	0.744	71.357	0.744	71.357	0.744	71.357
36	(KS16)	-13.830	-11.105	-0.744	-12.194	-20.660	-12.194	-20.660	-12.194	-20.660	-12.194

NO.	LOAD NAME	M-Y(T.M) 66 - 65	Q-Z(T.J) 66 - 65	M-Y(T.M) 73 - 74	Q-Z(T.J) 73 - 74	M-Y(T.M) 74 - 73	Q-Z(T.J) 74 - 73	M-Y(T.M) 74 - 75	Q-Z(T.M) 74 - 75
1		0.000	-2.349	0.021	-0.008	0.002	0.008	0.002	0.008
2		0.000	-0.082	0.047	-0.015	0.006	0.015	0.006	0.015
3	(+)	0.000	0.462	0.007	0.000	0.000	0.003	0.000	0.000
	(-)	0.000	-3.857	-0.001	-0.003	-0.001	-0.001	-0.001	-0.001
4	(RUL)	0.000	0.084	0.044	0.001	0.016	0.013	0.017	0.017
	(-)	0.000	-5.892	-0.004	-0.013	-0.001	-0.001	-0.001	-0.001
5	(RUR)	0.000	45.256	0.000	0.005	0.007	0.005	0.007	0.007
	(-)	0.000	-1.943	-0.005	-0.000	-0.001	-0.005	-0.001	-0.001
6	(RL1L)	0.000	0.086	0.016	0.000	0.006	0.005	0.006	0.006
	(-)	0.000	-2.035	-0.001	-0.005	-0.000	-0.000	-0.000	-0.000
7	(RL1R)	0.000	16.256	0.000	0.002	0.003	0.000	0.003	0.003
	(-)	0.000	-0.613	-0.002	-0.000	-0.000	-0.002	-0.000	-0.000
8	(RL2L)	0.000	0.075	0.007	0.001	0.003	0.002	0.003	0.003
	(-)	0.000	-0.827	-0.002	-0.002	-0.000	-0.001	-0.000	-0.000
9	(RL2R)	0.000	6.851	0.000	0.001	0.001	0.001	0.001	0.001
	(-)	0.000	-0.886	-0.001	-0.000	-0.000	-0.001	-0.000	-0.000
10	(RL1L)	0.000	0.099	0.036	0.002	0.012	0.010	0.012	0.012
	(-)	0.000	-4.345	-0.006	-0.010	-0.001	-0.002	-0.001	-0.001
11	(RL1R)	0.000	35.159	0.000	0.004	0.006	0.001	0.006	0.006
	(-)	0.000	-2.576	-0.004	-0.001	-0.001	-0.004	-0.001	-0.001
12	(KS16L)	0.000	0.092	0.028	0.002	0.011	0.008	0.011	0.011
	(-)	0.000	-3.708	-0.005	-0.008	-0.001	-0.008	-0.001	-0.001
13	(KS16R)	0.000	30.092	0.000	0.004	0.005	0.000	0.005	0.005
	(-)	0.000	-1.443	-0.004	-0.000	-0.001	-0.004	-0.001	-0.001
14	(RL1L)	0.000	0.082	0.023	0.001	0.009	0.007	0.009	0.009
	(-)	0.000	-2.841	-0.003	-0.002	-0.001	-0.001	-0.001	-0.001
15	(RL1R)	0.000	25.108	0.000	0.003	0.004	0.001	0.004	0.004
	(-)	0.000	-1.500	-0.003	-0.000	-0.001	-0.003	-0.001	-0.001
16	(RU)	0.000	45.340	0.044	0.006	0.023	0.013	0.024	0.024
	(-)	0.000	-7.662	-0.009	-0.013	-0.002	-0.006	-0.002	-0.002
17	(RL)	0.000	25.189	0.023	0.004	0.012	0.007	0.012	0.012
	(-)	0.000	-4.361	-0.006	-0.002	-0.001	-0.004	-0.001	-0.001
18	(RL1)	0.000	35.248	0.036	0.006	0.017	0.011	0.018	0.018
	(-)	0.000	-0.721	-0.010	-0.011	-0.002	-0.006	-0.002	-0.002
19	(KS16)	0.000	30.144	0.028	0.005	0.016	0.008	0.016	0.016
	(-)	0.000	-5.151	-0.008	-0.008	-0.002	-0.008	-0.002	-0.002

** RAILWAY BRIDGE **

NO.	LOAD NAME	Q-Z(I, J)		M-Y(I, M)		Q-Z(I, J)		M-Y(I, M)		Q-Z(I, J)	
		74 - 75	75 - 74	75 - 74	74 - 75	75 - 76	76 - 75	75 - 76	76 - 75	75 - 76	76 - 75
1		-0.003	-0.006	0.003	-0.006	0.003	-0.006	0.003	-0.006	0.003	-0.006
2		-0.009	-0.016	0.009	-0.016	0.009	-0.016	0.009	-0.016	0.009	-0.016
3	(+)	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
4	(+)	-0.000	-0.001	-0.001	-0.000	-0.001	-0.000	-0.001	-0.000	-0.001	-0.000
5	(+)	-0.014	-0.018	-0.001	-0.018	-0.001	-0.018	-0.001	-0.018	-0.001	-0.018
6	(+)	0.001	0.001	0.008	0.001	0.008	0.001	0.008	0.001	0.008	0.001
7	(+)	-0.008	-0.012	-0.001	-0.012	-0.001	-0.012	-0.001	-0.012	-0.001	-0.012
8	(+)	0.000	0.000	0.005	0.000	0.005	0.000	0.005	0.000	0.005	0.000
9	(+)	-0.003	-0.006	-0.000	-0.006	-0.000	-0.006	-0.000	-0.006	-0.000	-0.006
10	(+)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
11	(+)	-0.001	-0.002	-0.000	-0.002	-0.000	-0.002	-0.000	-0.002	-0.000	-0.002
12	(+)	0.001	0.001	0.007	0.001	0.007	0.001	0.007	0.001	0.007	0.001
13	(+)	-0.007	-0.010	-0.001	-0.010	-0.001	-0.010	-0.001	-0.010	-0.001	-0.010
14	(+)	0.001	0.001	0.002	0.001	0.002	0.001	0.002	0.001	0.002	0.001
15	(+)	-0.008	-0.011	-0.001	-0.011	-0.001	-0.011	-0.001	-0.011	-0.001	-0.011
16	(+)	0.001	0.001	0.006	0.001	0.006	0.001	0.006	0.001	0.006	0.001
17	(+)	-0.008	-0.009	-0.001	-0.009	-0.001	-0.009	-0.001	-0.009	-0.001	-0.009
18	(+)	0.001	0.001	0.004	0.001	0.004	0.001	0.004	0.001	0.004	0.001
19	(+)	-0.004	-0.006	-0.001	-0.006	-0.001	-0.006	-0.001	-0.006	-0.001	-0.006
20	(+)	-0.023	-0.030	-0.002	-0.030	-0.002	-0.030	-0.002	-0.030	-0.002	-0.030
21	(+)	0.001	0.002	0.012	0.002	0.012	0.002	0.012	0.002	0.012	0.002
22	(+)	-0.012	-0.015	-0.001	-0.015	-0.001	-0.015	-0.001	-0.015	-0.001	-0.015
23	(+)	0.003	0.004	0.018	0.004	0.018	0.004	0.018	0.004	0.018	0.004
24	(+)	-0.018	-0.024	-0.003	-0.024	-0.003	-0.024	-0.003	-0.024	-0.003	-0.024
25	(+)	0.002	0.003	0.015	0.003	0.015	0.003	0.015	0.003	0.015	0.003
26	(+)	-0.015	-0.020	-0.002	-0.020	-0.002	-0.020	-0.002	-0.020	-0.002	-0.020

NO.	LOAD NAME	M-Y(J,M)		Q-Z(L)		M-Y(J,M)		Q-Z(L)		M-Y(J,M)		Q-Z(L)	
		76	77	76	77	77	78	77	78	77	78	77	78
1		0.007	-0.005	-0.006	0.005	0.005	-0.006	0.005	-0.006	0.005	-0.006	0.005	-0.006
2		0.017	-0.013	-0.014	0.013	0.013	-0.014	0.013	-0.014	0.013	-0.014	0.013	-0.014
3	(+)	0.001	0.000	0.000	0.001	0.001	0.000	0.001	0.000	0.001	0.000	0.001	0.000
4	(-)	0.000	-0.001	-0.001	0.000	0.000	-0.001	0.000	-0.001	0.000	-0.001	0.000	-0.001
5	(+)	0.011	-0.001	-0.001	0.001	0.001	-0.001	0.001	-0.001	0.001	-0.001	0.001	-0.001
6	(-)	0.019	0.001	0.001	-0.001	-0.001	0.001	-0.001	0.001	-0.001	0.001	-0.001	0.001
7	(+)	0.002	-0.018	-0.022	0.018	0.018	-0.022	0.018	-0.022	0.018	-0.022	0.018	-0.022
8	(-)	0.004	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
9	(+)	0.000	-0.002	-0.002	0.000	0.000	-0.002	0.000	-0.002	0.000	-0.002	0.000	-0.002
10	(-)	0.007	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
11	(+)	0.001	-0.001	-0.001	0.001	0.001	-0.001	0.001	-0.001	0.001	-0.001	0.001	-0.001
12	(-)	0.002	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
13	(+)	0.003	-0.001	-0.001	0.001	0.001	-0.001	0.001	-0.001	0.001	-0.001	0.001	-0.001
14	(-)	0.009	0.001	0.001	-0.001	-0.001	0.001	-0.001	0.001	-0.001	0.001	-0.001	0.001
15	(+)	0.002	-0.002	-0.002	0.001	0.001	-0.002	0.001	-0.002	0.001	-0.002	0.001	-0.002
16	(-)	0.016	0.002	0.002	-0.002	-0.002	0.002	-0.002	0.002	-0.002	0.002	-0.002	0.002
17	(+)	0.007	-0.014	-0.017	0.014	0.014	-0.017	0.014	-0.017	0.014	-0.017	0.014	-0.017
18	(-)	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
19	(+)	0.013	-0.004	-0.003	0.001	0.001	-0.003	0.001	-0.003	0.001	-0.003	0.001	-0.003
20	(-)	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
21	(+)	0.010	-0.012	-0.014	0.012	0.012	-0.014	0.012	-0.014	0.012	-0.014	0.012	-0.014
22	(-)	0.006	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
23	(+)	0.001	-0.001	-0.001	0.001	0.001	-0.001	0.001	-0.001	0.001	-0.001	0.001	-0.001
24	(-)	0.031	0.009	0.009	-0.009	-0.009	0.009	-0.009	0.009	-0.009	0.009	-0.009	0.009
25	(+)	0.016	-0.024	-0.024	0.024	0.024	-0.024	0.024	-0.024	0.024	-0.024	0.024	-0.024
26	(-)	0.003	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
27	(+)	0.002	-0.013	-0.014	0.013	0.013	-0.014	0.013	-0.014	0.013	-0.014	0.013	-0.014
28	(-)	0.025	0.003	0.003	-0.003	-0.003	0.003	-0.003	0.003	-0.003	0.003	-0.003	0.003
29	(+)	0.004	-0.020	-0.021	0.020	0.020	-0.021	0.020	-0.021	0.020	-0.021	0.020	-0.021
30	(-)	0.020	0.002	0.002	-0.002	-0.002	0.002	-0.002	0.002	-0.002	0.002	-0.002	0.002
31	(+)	0.003	-0.016	-0.017	0.016	0.016	-0.017	0.016	-0.017	0.016	-0.017	0.016	-0.017

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NO.	LOAD NAME	
1		-0.002
2		-0.006
3	(+)	0.000
4	(RUL)	-0.000
5	(RUR)	-0.002
6	(RL1L)	0.001
7	(RL1R)	-0.009
8	(RL2L)	0.000
9	(RL2R)	-0.000
10	(RL1L)	-0.002
11	(RL1R)	0.000
12	(KST6L)	0.001
13	(KST6R)	-0.007
14	(RL1L)	0.000
15	(RL1R)	0.000
16	(RU)	-0.005
17	(RL)	-0.011
18	(RT)	0.001
19	(KST6)	-0.006
		0.001
		-0.009
		0.001
		-0.007

NO.	LOAD NAME	RE-PI(I) 1	RE-PI(I) 2	RE-PI(I) 3	RE-PI(I) 4	RE-PI(I) 5	RE-PI(I) 6	RE-PI(I) 7
1		12.439	8.763	8.433	8.455	8.763	12.437	32.092
2		23.672	23.500	23.675	23.530	23.453	25.690	63.266
3	(+)	4.459	0.718	0.321	0.323	0.716	4.458	11.499
4	(RUL)	-0.502	-0.841	-0.152	-0.158	-0.849	-0.502	-1.090
5	(+)	17.883	76.390	20.039	7.017	2.337	0.135	40.355
6	(-)	-1.648	-0.742	-0.742	-0.596	-0.269	-2.040	-6.211
7	(RUR)	0.137	2.356	6.975	20.086	76.343	17.294	0.588
8	(-)	-2.933	-0.271	-0.593	-0.750	-0.624	-1.655	-5.689
9	(+)	6.261	25.206	7.229	2.537	0.849	0.042	14.071
10	(R1L)	-0.515	0.185	-0.232	-0.186	-0.084	-0.726	-1.941
11	(+)	0.043	0.856	2.523	7.248	25.187	6.265	0.184
12	(-)	-0.237	-0.085	-0.185	-0.234	-0.193	-0.517	-1.964
13	(R2L)	2.736	17.462	2.948	1.101	0.376	0.034	6.920
14	(-)	-0.617	-0.345	-0.296	-0.228	-0.092	-0.315	-1.262
15	(R2R)	0.054	0.379	1.095	2.948	17.462	2.738	0.144
16	(+)	-0.316	-0.092	-0.226	-0.297	-0.243	-0.618	-0.632
17	(R1L)	14.135	57.590	17.100	5.681	1.947	0.153	40.347
18	(-)	-1.280	-0.761	-0.893	-0.717	-0.323	-1.622	-2.282
19	(R1R)	0.178	1.963	5.648	17.148	57.549	14.148	0.689
20	(+)	-1.626	-0.360	-0.796	-1.045	-0.950	-2.233	-5.536
21	(KS16L)	12.086	52.697	14.044	4.657	1.665	0.100	34.572
22	(-)	-1.212	-0.459	-0.546	-0.438	-0.198	-1.387	-4.565
23	(KS16R)	0.159	1.511	4.491	14.268	53.762	11.120	0.625
24	(-)	-1.318	-0.295	-0.662	-0.841	-0.556	-1.234	-4.280
25	(RLL)	8.996	42.668	10.177	3.638	1.225	0.097	18.992
26	(+)	-1.133	-0.560	-0.528	-0.414	-0.176	-1.051	-3.202
27	(RLR)	0.097	1.235	3.617	10.196	42.649	9.003	0.338
28	(-)	-1.052	-0.177	-0.412	-0.532	-0.538	-1.335	-2.537
29	(RUL)	17.420	78.746	27.015	27.103	78.680	17.429	40.943
30	(+)	-3.672	-0.895	-1.336	-1.346	-0.893	-3.696	-11.900
31	(RL)	9.094	43.903	13.794	13.835	43.874	9.099	19.320
32	(-)	-2.185	-0.717	-0.939	-0.946	-0.713	-2.186	-5.799
33	(R1)	14.313	59.553	22.748	22.830	59.496	14.311	41.036
34	(+)	-3.606	-1.121	-1.689	-1.762	-1.273	-3.875	-12.819
35	(KS16)	12.245	54.209	18.534	19.125	55.427	11.219	35.197
36	(-)	-2.230	-0.734	-1.212	-1.279	-0.854	-3.221	-8.345
37	DEAD	45.256	37.461	35.126	35.222	37.379	45.557	113.118
38	DEAD	-7.425	-5.178	-3.218	-3.236	-5.163	-7.429	-17.260