Table 34: Combination Definitions

ComboName	ComboType	CaseName	ScaleFactor
Ser-I5		T_Change_Pos	1.
Ser-I5		WindLL	1.
Ser-I5		DW	1.
Ser-I6	Linear Add		1.
Ser-I6		Barrier	1.
Ser-I6		Sidewalk	1.
Ser-I6		WindS	-1.
Ser-I6		T_Change_Pos	1.
Ser-I6		WindLL	-1.
Ser-I6		DW	1.
Ser-I7	Linear Add		1.
Ser-I7		Barrier	1.
Ser-I7		Sidewalk	1.
Ser-I7		WindS	-1.
Ser-I7		T_Change_Neg	1.
Ser-I7		WindLL	1.
Ser-I7		DW	1.
Ser-I8	Linear Add		1.
Ser-I8		Barrier	1.
Ser-I8		Sidewalk	1.
Ser-I8		WindS	-1.
Ser-I8		T_Change_Neg	1.
Ser-I8		WindLL	-1.
Ser-I8		DW	1.
SerIGroup4	Envelope	Ser-I1	1.
SerIGroup4		Ser-I2	1.
SerIGroup4		Ser-I3	1.
SerIGroup4		Ser-I4	1.
SerIGroup4		Ser-I5	1.
SerIGroup4		Ser-I6	1.
SerIGroup4		Ser-I7	1.
SerIGroup4		Ser-I8	1.
Ser-Deformation-I1	Linear Add		1.
Ser-Deformation-I1		Barrier	1.
Ser-Deformation-I1		Sidewalk	1.
Ser-Deformation-I1		WindS	1.
Ser-Deformation-I1		T_Change_Pos	1.2
Ser-Deformation-I1		WindLL	1.
Ser-Deformation-I1		DW	1.
Ser-Deformation-I2	Linear Add		1.
Ser-Deformation-I2		Barrier	1.
Ser-Deformation-I2		Sidewalk	1.
Ser-Deformation-I2		WindS	1.
Ser-Deformation-I2		T_Change_Pos	1.2

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Table 34: Combination Definitions

ComboName	ComboType	CaseName	ScaleFactor
Ser-Deformation-I2		WindLL	-1.
Ser-Deformation-I2		DW	1.
Ser-Deformation-I3	Linear Add		1.
Ser-Deformation-I3		Barrier	1.
Ser-Deformation-I3		Sidewalk	1.
Ser-Deformation-I3		WindS	1.
Ser-Deformation-I3		T_Change_Neg	1.2
Ser-Deformation-I3		WindLL	1.
Ser-Deformation-I3		DW	1.
Ser-Deformation-I4	Linear Add		1.
Ser-Deformation-I4		Barrier	1.
Ser-Deformation-I4		Sidewalk	1.
Ser-Deformation-I4		WindS	1.
Ser-Deformation-I4		T_Change_Neg	1.2
Ser-Deformation-I4		WindLL	-1.
Ser-Deformation-I4		DW	1.
Ser-Deformation-I5	Linear Add		1.
Ser-Deformation-I5		Barrier	1.
Ser-Deformation-I5		Sidewalk	1.
Ser-Deformation-I5		WindS	-1.
Ser-Deformation-I5		T_Change_Pos	1.2
Ser-Deformation-I5		WindLL	1.
Ser-Deformation-I5		DW	1.
Ser-Deformation-I6	Linear Add		1.
Ser-Deformation-I6		Barrier	1.
Ser-Deformation-I6		Sidewalk	1.
Ser-Deformation-I6		WindS	-1.
Ser-Deformation-I6		T_Change_Pos	1.2
Ser-Deformation-I6		WindLL	-1.
Ser-Deformation-I6		DW	1.

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Table 34: Combination Definitions

ComboName	ComboType	CaseName	ScaleFactor
Ser-Deformation-I7	Linear Add		1.
Ser-Deformation-I7		Barrier	1.
Ser-Deformation-I7		Sidewalk	1.
Ser-Deformation-I7		WindS	-1.
Ser-Deformation-I7		T_Change_Neg	1.2
Ser-Deformation-I7		WindLL	1.
Ser-Deformation-I7		DW	1.
Ser-Deformation-I8	Linear Add		1.
Ser-Deformation-I8		Barrier	1.
Ser-Deformation-I8		Sidewalk	1.
Ser-Deformation-I8		WindS	-1.
Ser-Deformation-I8		T_Change_Neg	1.2
Ser-Deformation-I8		WindLL	-1.
Ser-Deformation-I8		DW	1.
Ser-II1	Linear Add		1.
Ser-II1		Barrier	1.
Ser-II1		Sidewalk	1.
Ser-II1		T_Change_Pos	1.
Ser-II1		DW	1.
Ser-II2	Linear Add		1.
Ser-II2		Barrier	1.
Ser-II2		Sidewalk	1.
Ser-II2		T_Change_Neg	1.
Ser-II2		DW	1.
SerIIGroup8	Envelope	Ser-II1	1.
SerIIGroup8		Ser-II2	1.
Ser-Deformation-II1	Linear Add		1.
Ser-Deformation-II1		Barrier	1.
Ser-Deformation-II1		Sidewalk	1.
Ser-Deformation-II1		T_Change_Pos	1.2
Ser-Deformation-II1		DW	1.
Ser-Deformation-II2	Linear Add		1.
Ser-Deformation-II2		Barrier	1.
Ser-Deformation-II2		Sidewalk	1.
Ser-Deformation-II2		T_Change_Neg	1.2

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Table 34: Combination Definitions

ComboName	ComboType	CaseName	ScaleFactor
Ser-Deformation-II2		DW	1.
Ser-III1	Linear Add		1.
Ser-III1		Barrier	1.
Ser-III1		Sidewalk	1.
Ser-III1		T_Change_Pos	1.
Ser-III1		DW	1.
Ser-III2	Linear Add		1.
Ser-III2		Barrier	1.
Ser-III2		Sidewalk	1.
Ser-III2		T_Change_Neg	1.
Ser-III2		DW	1.
SerIIIGroup2	Envelope	Ser-III1	1.
SerIIIGroup2		Ser-III2	1.
Ser-Deformation-III1	Linear Add		1.
Ser-Deformation-III1		Barrier	1.
Ser-Deformation-III1		Sidewalk	1.
Ser-Deformation-III1		T_Change_Pos	1.2
Ser-Deformation-III1		DW	1.
Ser-Deformation-III2	Linear Add		1.
Ser-Deformation-III2		Barrier	1.
Ser-Deformation-III2		Sidewalk	1.
Ser-Deformation-III2		T_Change_Neg	1.2
Ser-Deformation-III2		DW	1.
Ser-IV1	Linear Add		1.
Ser-IV1		Barrier	1.
Ser-IV1		Sidewalk	1.
Ser-IV1		WindS	1.
Ser-IV1		T_Change_Pos	1.
Ser-IV1		DW	1.
Ser-IV2	Linear Add		1.
Ser-IV2		Barrier	1.
Ser-IV2		Sidewalk	1.
Ser-IV2		WindS	1.
Ser-IV2		T_Change_Neg	1.
Ser-IV2		DW	1.
Ser-IV3	Linear Add		1.
Ser-IV3		Barrier	1.
Ser-IV3		Sidewalk	1.
Ser-IV3		WindS	-1.
Ser-IV3		T_Change_Pos	1.
Ser-IV3		DW	1.
Ser-IV4	Linear Add		1.
Ser-IV4		Barrier	1.
Ser-IV4		Sidewalk	1.
Ser-IV4		WindS	-1.

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Table 34: Combination Definitions

ComboName	ComboType	CaseName	ScaleFactor
Ser-IV4		T_Change_Neg	1.
Ser-IV4		DW	1.
SerIVGroup2	Envelope	Ser-IV1	1.
SerIVGroup2		Ser-IV2	1.
SerIVGroup2		Ser-IV3	1.
SerIVGroup2		Ser-IV4	1.
Ser-Deformation-IV1	Linear Add		1.
Ser-Deformation-IV1		Barrier	1.
Ser-Deformation-IV1		Sidewalk	1.
Ser-Deformation-IV1		WindS	1.
Ser-Deformation-IV1		T_Change_Pos	1.2
Ser-Deformation-IV1		DW	1.
Ser-Deformation-IV2	Linear Add		1.
Ser-Deformation-IV2		Barrier	1.
Ser-Deformation-IV2		Sidewalk	1.
Ser-Deformation-IV2		WindS	1.
Ser-Deformation-IV2		T_Change_Neg	1.2
Ser-Deformation-IV2		DW	1.
Ser-Deformation-IV3	Linear Add		1.
Ser-Deformation-IV3		Barrier	1.
Ser-Deformation-IV3		Sidewalk	1.
Ser-Deformation-IV3		WindS	-1.
Ser-Deformation-IV3		T_Change_Pos	1.2
Ser-Deformation-IV3		DW	1.
Ser-Deformation-IV4	Linear Add		1.
Ser-Deformation-IV4		Barrier	1.
Ser-Deformation-IV4		Sidewalk	1.
Ser-Deformation-IV4		WindS	-1.
Ser-Deformation-IV4		T_Change_Neg	1.2
Ser-Deformation-IV4		DW	1.
Fat-I1	Linear Add	MOVE1	1.75
FatIGroup4	Envelope	Fat-I1	1.
FatIIGroup1	Envelope		

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7. Structure results

This section provides structure results, including items such as structural periods and base reactions.

7.1. Modal results

Table 35: Modal Participating Mass Ratios

Table 35: Modal Participating Mass Ratios

OutputCase	StepNum	Period Sec	UX	UY	UZ	SumUX	SumUY	SumUZ
MODAL	1.	0.857616	0.021319	2.886E-10	7.280E-06	0.021319	2.886E-10	7.280E-06
MODAL	2.	0.851806	8.457E-06	1.711E-12	2.062E-06	0.021328	2.903E-10	9.342E-06
MODAL	3.	0.845858	0.717405	3.336E-10	0.000221	0.738733	6.239E-10	0.00023
MODAL	4.	0.555822	1.889E-09	0.882407	8.286E-08	0.738733	0.882407	0.00023
MODAL	5.	0.524029	1.718E-09	0.006973	4.129E-08	0.738733	0.88938	0.00023
MODAL	6.	0.479969	3.309E-09	0.060484	1.039E-10	0.738733	0.949864	0.00023

7.2. Base reactions

Table 36: Base Reactions

Table 36: Base Reactions

OutputCase	GlobalFX Tonf	GlobalFY Tonf	GlobalFZ Tonf	GlobalMX Tonf-m	GlobalMY Tonf-m	GlobalMZ Tonf-m
DEAD	-1.572E-08	3.863E-10	1274.8801	-3.858E-09	-76492.807	1.096E-07
	0.	0.	0.	0.	0.	0.
Barrier	-1.677E-09	5.346E-11	72.	2.259E-09	-4320.	4.042E-09
Sidewalk	-1.522E-09	9.097E-11	84.	2.119E-09	-5040.	8.406E-09
DW	-1.108E-09	-1.994E-11	129.6	-1.596E-09	-7776.	8.775E-09
T_Change_Pos	-1.204E-09	-4.464E-10	2.558E-12	8.532E-10	2.705E-09	-7.125E-08
T_Change_Neg	8.324E-10	2.968E-10	-1.767E-12	-5.685E-10	-1.857E-09	4.753E-08
Peatonal	-1.402E-09	8.313E-11	69.12	1.861E-09	-4147.2	7.777E-09
Pretensado	2.503E-08	3.471E-11	8.141E-11	-4.763E-09	2.169E-07	-1.793E-07

8. Joint results

This section provides joint results, including items such as displacements and reactions.

Table 37: Joint Reactions

Table 37: Joint Reactions

Joint	OutputCase	F1 Tonf	F2 Tonf	F3 Tonf	M1 Tonf-m	M2 Tonf-m	M3 Tonf-m
31	DEAD	38.7218	1.174E-15	9.5863	0.	-1.43795	1.761E-16
31		0.	0.	0.	0.	0.	0.
31	Barrier	6.0347	1.232E-15	10.0625	0.	-1.50938	1.848E-16
31	Sidewalk	6.1146	1.139E-15	9.3029	0.	-1.39543	1.709E-16
31	DW	2.658	-4.184E-16	-3.4166	0.	0.51248	-6.276E-17

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Table 37: Joint Reactions

Joint	OutputCase	F1 Tonf	F2 Tonf	F3 Tonf	M1 Tonf-m	M2 Tonf-m	M3 Tonf-m
31	T_Change_Pos	-0.0274	-9.113E-18	-0.0744	0.	0.01116	-1.367E-18
31	T_Change_Neg	0.0183	6.075E-18	0.0496	0.	-0.00744	9.113E-19
31	Peatonal	5.2008	9.919E-16	8.0996	0.	-1.21494	1.488E-16
31	Pretensado	-1.0293	-3.650E-16	-2.9805	0.	0.44707	-5.475E-17
32	DEAD	31.5327	-0.0168	-9.6699	-1.544E-19	1.45048	-0.00252
32		0.	0.	0.	0.	0.	0.
32	Barrier	-1.5886	0.0506	-9.8112	4.643E-19	1.47168	0.00758
32	Sidewalk	-0.9358	0.0467	-9.071	4.285E-19	1.36064	0.007
32	DW	5.2669	-0.0249	3.2927	-2.288E-19	-0.49391	-0.00374
32	T_Change_Pos	0.0272	-3.815E-04	0.0725	0.	-0.01088	-5.722E-05
32	T_Change_Neg	-0.0181	2.543E-04	-0.0483	0.	0.00725	3.815E-05
32	Peatonal	-0.9378	0.0407	-7.8975	3.734E-19	1.18463	0.0061
32	Pretensado	1.0203	-0.0134	2.9139	-1.231E-19	-0.43708	-0.00201
33	DEAD	31.5447	-1.179E-15	-9.6253	0.	1.4438	-1.768E-16
33		0.	0.	0.	0.	0.	0.
33	Barrier	-1.6246	-1.218E-15	-9.9453	0.	1.49179	-1.827E-16
33	Sidewalk	-0.969	-1.126E-15	-9.1947	0.	1.3792	-1.689E-16
33	DW	5.2847	4.113E-16	3.3588	0.	-0.50382	6.170E-17
33	T_Change_Pos	0.0275	9.005E-18	0.0735	0.	-0.01103	1.351E-18
33	T_Change_Neg	-0.0183	-6.003E-18	-0.049	0.	0.00735	-9.005E-19
33	Peatonal	-0.9668	-9.804E-16	-8.0053	0.	1.2008	-1.471E-16
33	Pretensado	1.0298	3.612E-16	2.9494	0.	-0.44241	5.418E-17
34	DEAD	38.7326	1.189E-15	9.7089	0.	-1.45633	1.783E-16
34		0.	0.	0.	0.	0.	0.
34	Barrier	6.0026	1.187E-15	9.694	0.	-1.4541	1.781E-16
34	Sidewalk	6.085	1.098E-15	8.9628	0.	-1.34442	1.646E-16
34	DW	2.6738	-3.962E-16	-3.2349	0.	0.48524	-5.942E-17
34	T_Change_Pos	-0.0272	-8.773E-18	-0.0716	0.	0.01075	-1.316E-18
34	T_Change_Neg	0.0181	5.848E-18	0.0478	0.	-0.00716	8.773E-19
34	Peatonal	5.175	9.556E-16	7.8032	0.	-1.17049	1.433E-16
34	Pretensado	-1.0208	-3.530E-16	-2.8828	0.	0.43242	-5.296E-17
714	DEAD	37.4539	0.	-2.293E-15	0.	0.	0.
714		0.	0.	0.	0.	0.	0.
714	Barrier	4.7063	0.	-2.882E-16	0.	0.	0.
714	Sidewalk	4.8865	0.	-2.992E-16	0.	0.	0.
714	DW	3.1088	0.	-1.904E-16	0.	0.	0.
714	T_Change_Pos	-0.0176	0.	1.079E-18	0.	0.	0.
714	T_Change_Neg	0.0118	0.	-7.195E-19	0.	0.	0.
714	Peatonal	4.1316	0.	-2.530E-16	0.	0.	0.
714	Pretensado	-0.6418	0.	3.930E-17	0.	0.	0.
715	DEAD	32.8102	-0.0029	-2.009E-15	-2.658E-20	-5.316E-20	-0.00043
715		0.	0.	0.	0.	0.	0.
715	Barrier	-0.2927	0.0024	1.763E-17	2.210E-20	4.419E-20	0.00036
715	Sidewalk	0.2623	0.0022	-1.633E-17	2.037E-20	4.073E-20	0.00033
715	DW	4.832	-0.0014	-2.957E-16	-1.321E-20	-2.642E-20	-0.00022
715	T_Change_Pos	0.0176	-1.829E-05	-1.076E-18	0.	0.	-2.743E-06
715	T_Change_Neg	-0.0117	1.219E-05	7.176E-19	0.	0.	1.829E-06
715	Peatonal	0.1052	0.0019	-6.681E-18	1.775E-20	3.551E-20	0.00029
715	Pretensado	0.6414	-6.257E-04	-3.920E-17	0.	-1.149E-20	-9.385E-05
716	DEAD	32.8116	0.	-2.009E-15	0.	0.	0.
716		0.	0.	0.	0.	0.	0.
716	Barrier	-0.294	0.	1.800E-17	0.	0.	0.
716	Sidewalk	0.2612	0.	-1.599E-17	0.	0.	0.
716	DW	4.8328	0.	-2.959E-16	0.	0.	0.

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Table 37: Joint Reactions

Joint	OutputCase	F1	F2	F3	M1	M2	M3
		Tonf	Tonf	Tonf	Tonf-m	Tonf-m	Tonf-m
716	T_Change_Pos	0.0176	0.	-1.079E-18	0.	0.	0.
716	T_Change_Neg	-0.0117	0.	7.194E-19	0.	0.	0.
716	Peatonal	0.1043	0.	-6.384E-18	0.	0.	0.
716	Pretensado	0.6417	0.	-3.930E-17	0.	0.	0.
717	DEAD	37.4561	0.	-2.294E-15	0.	0.	0.
717		0.	0.	0.	0.	0.	0.
717	Barrier	4.7045	0.	-2.881E-16	0.	0.	0.
717	Sidewalk	4.8849	0.	-2.991E-16	0.	0.	0.
717	DW	3.1099	0.	-1.904E-16	0.	0.	0.
717	T_Change_Pos	-0.0176	0.	1.078E-18	0.	0.	0.
717	T_Change_Neg	0.0117	0.	-7.190E-19	0.	0.	0.
717	Peatonal	4.1301	0.	-2.529E-16	0.	0.	0.
717	Pretensado	-0.6413	0.	3.927E-17	0.	0.	0.
769	DEAD	166.1248	-1.1622	-0.0044	-0.6135	-0.78924	-2.44992
769		0.	0.	0.	0.	0.	0.
769	Barrier	9.0167	-1.0715	4.192E-04	-0.62824	-0.04897	-2.30057
769	Sidewalk	10.5368	-0.9965	3.842E-04	-0.58056	-0.05751	-2.13938
769	DW	16.3932	0.3227	-7.073E-04	0.21312	-0.08986	0.69912
769	T_Change_Pos	5.375E-04	0.0073	-3.879E-06	0.0046	-9.245E-06	0.01575
769	T_Change_Neg	-3.583E-04	-0.0049	2.586E-06	-0.00307	6.163E-06	-0.0105
769	Peatonal	8.6671	-0.8664	3.362E-04	-0.5055	-0.04726	-1.86009
769	Pretensado	0.019	0.2717	6.131E-05	0.18392	-0.00109	0.58377
771	DEAD	166.081	1.1781	0.0044	0.62737	-0.82128	2.50365
771		0.	0.	0.	0.	0.	0.
771	Barrier	9.1592	1.0198	-4.192E-04	0.63344	-0.05215	2.12603
771	Sidewalk	10.6684	0.9489	-3.842E-04	0.58537	-0.06047	1.97829
771	DW	16.3234	-0.2974	7.073E-04	-0.21386	-0.09217	-0.6136
771	T_Change_Pos	-5.375E-04	-0.0069	3.882E-06	-0.00463	9.227E-06	-0.01443
771	T_Change_Neg	3.583E-04	0.0046	-2.588E-06	0.00309	-6.151E-06	0.00962
771	Peatonal	8.7817	0.8249	-3.362E-04	0.50969	-0.04982	1.71973
771	Pretensado	-0.019	-0.258	-6.131E-05	-0.18593	0.00109	-0.53733
775	DEAD	164.7024	-1.1733	-0.0036	-0.61188	0.0137	-2.48355
775		0.	0.	0.	0.	0.	0.
775	Barrier	9.	-1.0567	-0.0035	-0.62254	0.01344	-2.2366
775	Sidewalk	10.5	-0.9828	-0.0032	-0.57527	0.01242	-2.08018
775	DW	16.2	0.3149	0.0012	0.21074	-0.00449	0.6665
775	T_Change_Pos	1.978E-07	0.0072	2.545E-05	0.00456	-9.794E-05	0.01527
775	T_Change_Neg	-1.319E-07	-0.0048	-1.696E-05	-0.00304	6.529E-05	-0.01018
775	Peatonal	8.64	-0.8545	-0.0028	-0.5009	0.01082	-1.80854
775	Pretensado	1.115E-05	0.2684	0.0011	0.18232	-0.00427	0.56804
777	DEAD	164.7025	1.1732	0.0036	0.62473	-0.0137	2.48312
777		0.	0.	0.	0.	0.	0.
777	Barrier	9.	1.0568	0.0035	0.63514	-0.01344	2.23684
777	Sidewalk	10.5	0.9829	0.0032	0.58692	-0.01242	2.0804
777	DW	16.2	-0.315	-0.0012	-0.21495	0.00449	-0.66666
777	T_Change_Pos	-1.977E-07	-0.0072	-2.544E-05	-0.00465	9.793E-05	-0.01527
777	T_Change_Neg	1.318E-07	0.0048	1.696E-05	0.0031	-6.529E-05	0.01018
777	Peatonal	8.64	0.8545	0.0028	0.51104	-0.01082	1.80873
777	Pretensado	-1.115E-05	-0.2684	-0.0011	-0.18633	0.00427	-0.56809
781	DEAD	166.1084	-1.1807	0.0098	-0.64889	0.76713	-2.49666
781		0.	0.	0.	0.	0.	0.
781	Barrier	9.086	-1.0618	-0.0083	-0.62126	0.08272	-2.24835
781	Sidewalk	10.6008	-0.9876	-0.0077	-0.57421	0.08863	-2.09124
781	DW	16.3598	0.3161	0.005	0.20573	0.07185	0.66984

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Table 37: Joint Reactions

Joint	OutputCase	F1 Tonf	F2 Tonf	F3 Tonf	M1 Tonf-m	M2 Tonf-m	M3 Tonf-m
781	T_Change_Pos	1.499E-05	0.0072	6.330E-05	0.00452	-0.00024	0.01535
781	T_Change_Neg	-9.990E-06	-0.0048	-4.220E-05	-0.00301	0.00016	-0.01023
781	Peatonal	8.7229	-0.8586	-0.0067	-0.49994	0.07438	-1.81813
781	Pretensado	4.140E-04	0.2694	0.0022	0.18195	-0.00838	0.57051
783	DEAD	166.0974	1.1847	-0.0098	0.61284	0.84338	2.50998
783		0.	0.	0.	0.	0.	0.
783	Barrier	9.0898	1.0604	0.0083	0.65153	0.0184	2.24361
783	Sidewalk	10.6043	0.9863	0.0077	0.6021	0.02935	2.08688
783	DW	16.3568	-0.315	-0.005	-0.22378	0.11017	-0.66611
783	T_Change_Pos	-1.499E-05	-0.0072	-6.330E-05	-0.00475	0.00024	-0.01531
783	T_Change_Neg	9.990E-06	0.0048	4.220E-05	0.00316	-0.00016	0.01021
783	Peatonal	8.726	0.8575	0.0067	0.52426	0.0227	1.81432
783	Pretensado	-4.140E-04	-0.2691	-0.0022	-0.18984	0.00838	-0.56948

9. Bridge object forces

This section provides bridge object forces at the program determined section cuts.

Table 38: Bridge Object Forces, Part 1 of 3

Table 38: Bridge Object Forces, Part 1 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	CaseType	P Tonf	V2 Tonf	V3 Tonf
PUENTE 120m	1	0.	After	DEAD	LinStatic	-2.7	-140.4894	0.0168
PUENTE 120m	2	2.9425	Before	DEAD	LinStatic	-12.706	-112.5552	0.0168
PUENTE 120m	3	2.9425	After	DEAD	LinStatic	-17.058	-112.4721	0.0168
PUENTE 120m	4	5.885	Before	DEAD	LinStatic	-24.4102	-84.538	0.0168
PUENTE 120m	5	5.885	After	DEAD	LinStatic	-50.5209	-84.4158	0.0168
PUENTE 120m	6	8.8275	Before	DEAD	LinStatic	-61.4855	-56.4019	0.0168
PUENTE 120m	7	8.8275	After	DEAD	LinStatic	-66.1374	-56.2356	0.0168
PUENTE 120m	8	11.77	Before	DEAD	LinStatic	-71.5905	-28.2184	0.0168
PUENTE 120m	9	11.77	After	DEAD	LinStatic	-74.0188	-28.0522	0.0168
PUENTE 120m	10	14.7125	Before	DEAD	LinStatic	-75.761	-0.0349	0.0168
PUENTE 120m	11	14.7125	After	DEAD	LinStatic	-75.7099	0.1313	0.0168
PUENTE 120m	12	17.655	Before	DEAD	LinStatic	-73.9764	28.1486	0.0168
PUENTE 120m	13	17.655	After	DEAD	LinStatic	-71.2271	28.3148	0.0168
PUENTE 120m	14	20.5975	Before	DEAD	LinStatic	-66.2188	56.3321	0.0168
PUENTE 120m	15	20.5975	After	DEAD	LinStatic	-60.5765	56.4983	0.0168

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Table 38: Bridge Object Forces, Part 1 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	CaseType	P Tonf	V2 Tonf	V3 Tonf
PUENTE 120m	16	23.54	Before	DEAD	LinStatic	-52.7603	84.5155	0.0168
PUENTE 120m	17	23.54	After	DEAD	LinStatic	-30.6907	84.6526	0.0168
PUENTE 120m	18	26.4825	Before	DEAD	LinStatic	-17.4646	112.6	0.0168
PUENTE 120m	19	26.4825	After	DEAD	LinStatic	-11.1186	112.6831	0.0168
PUENTE 120m	20	29.425	Before	DEAD	LinStatic	-4.0667	140.6173	0.0168
PUENTE 120m	21	29.425	After	DEAD	LinStatic	-1.2399	-5.4848	-1.787E-13
PUENTE 120m	22	30.	Before	DEAD	LinStatic	-1.2399	-0.0424	-1.745E-13
PUENTE 120m	23	30.	After	DEAD	LinStatic	-1.1902	0.0424	4.530E-13
PUENTE 120m	24	30.575	Before	DEAD	LinStatic	-1.1902	5.4848	4.899E-14
PUENTE 120m	25	30.575	After	DEAD	LinStatic	-3.8825	-137.8174	9.089E-04
PUENTE 120m	26	33.46	Before	DEAD	LinStatic	-10.6562	-110.4293	9.089E-04
PUENTE 120m	27	33.46	After	DEAD	LinStatic	-16.6921	-110.3479	9.089E-04
PUENTE 120m	28	36.345	Before	DEAD	LinStatic	-27.9467	-82.9496	9.089E-04
PUENTE 120m	29	36.345	After	DEAD	LinStatic	-50.3823	-82.819	9.089E-04
PUENTE 120m	30	39.23	Before	DEAD	LinStatic	-58.4542	-55.3495	9.089E-04
PUENTE 120m	31	39.23	After	DEAD	LinStatic	-63.3522	-55.1867	9.089E-04
PUENTE 120m	32	42.115	Before	DEAD	LinStatic	-68.7399	-27.7171	9.089E-04
PUENTE 120m	33	42.115	After	DEAD	LinStatic	-71.002	-27.5543	9.089E-04
PUENTE 120m	34	45.	Before	DEAD	LinStatic	-72.9777	-0.0848	9.089E-04
PUENTE 120m	35	45.	After	DEAD	LinStatic	-72.978	0.0848	9.089E-04
PUENTE 120m	36	47.885	Before	DEAD	LinStatic	-71.0027	27.5543	9.089E-04
PUENTE 120m	37	47.885	After	DEAD	LinStatic	-68.741	27.7171	9.089E-04
PUENTE 120m	38	50.77	Before	DEAD	LinStatic	-63.3537	55.1867	9.089E-04
PUENTE 120m	39	50.77	After	DEAD	LinStatic	-58.4557	55.3495	9.089E-04
PUENTE 120m	40	53.655	Before	DEAD	LinStatic	-50.3837	82.819	9.089E-04
PUENTE 120m	41	53.655	After	DEAD	LinStatic	-27.9474	82.9496	9.089E-04
PUENTE 120m	42	56.54	Before	DEAD	LinStatic	-16.6926	110.3479	9.089E-04
PUENTE 120m	43	56.54	After	DEAD	LinStatic	-10.6571	110.4293	9.089E-04
PUENTE 120m	44	59.425	Before	DEAD	LinStatic	-3.8832	137.8174	9.089E-04
PUENTE 120m	45	59.425	After	DEAD	LinStatic	-1.1907	-5.4848	9.068E-14

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Table 38: Bridge Object Forces, Part 1 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	CaseType	P Tonf	V2 Tonf	V3 Tonf
PUENTE 120m	46	60.	Before	DEAD	LinStatic	-1.1907	-0.0424	2.826E-13
PUENTE 120m	47	60.	After	DEAD	LinStatic	-1.1902	0.0424	1.587E-13
PUENTE 120m	48	60.575	Before	DEAD	LinStatic	-1.1902	5.4848	-2.177E-13
PUENTE 120m	49	60.575	After	DEAD	LinStatic	-3.8825	-137.8174	0.001
PUENTE 120m	50	63.46	Before	DEAD	LinStatic	-10.6563	-110.4293	0.001
PUENTE 120m	51	63.46	After	DEAD	LinStatic	-16.6921	-110.3479	0.001
PUENTE 120m	52	66.345	Before	DEAD	LinStatic	-27.9467	-82.9496	0.001
PUENTE 120m	53	66.345	After	DEAD	LinStatic	-50.3823	-82.819	0.001
PUENTE 120m	54	69.23	Before	DEAD	LinStatic	-58.4542	-55.3495	0.001
PUENTE 120m	55	69.23	After	DEAD	LinStatic	-63.3523	-55.1867	0.001
PUENTE 120m	56	72.115	Before	DEAD	LinStatic	-68.7399	-27.7171	0.001
PUENTE 120m	57	72.115	After	DEAD	LinStatic	-71.002	-27.5543	0.001
PUENTE 120m	58	75.	Before	DEAD	LinStatic	-72.9778	-0.0848	0.001
PUENTE 120m	59	75.	After	DEAD	LinStatic	-72.978	0.0848	0.001
PUENTE 120m	60	77.885	Before	DEAD	LinStatic	-71.0027	27.5543	0.001
PUENTE 120m	61	77.885	After	DEAD	LinStatic	-68.741	27.7171	0.001
PUENTE 120m	62	80.77	Before	DEAD	LinStatic	-63.3537	55.1867	0.001
PUENTE 120m	63	80.77	After	DEAD	LinStatic	-58.4557	55.3495	0.001
PUENTE 120m	64	83.655	Before	DEAD	LinStatic	-50.3837	82.819	0.001
PUENTE 120m	65	83.655	After	DEAD	LinStatic	-27.9474	82.9496	0.001
PUENTE 120m	66	86.54	Before	DEAD	LinStatic	-16.6927	110.3479	0.001
PUENTE 120m	67	86.54	After	DEAD	LinStatic	-10.6571	110.4293	0.001
PUENTE 120m	68	89.425	Before	DEAD	LinStatic	-3.8832	137.8174	0.001
PUENTE 120m	69	89.425	After	DEAD	LinStatic	-1.1907	-5.4848	-2.858E-13
PUENTE 120m	70	90.	Before	DEAD	LinStatic	-1.1907	-0.0424	-2.326E-14
PUENTE 120m	71	90.	After	DEAD	LinStatic	-1.2401	0.0424	-3.119E-13
PUENTE 120m	72	90.575	Before	DEAD	LinStatic	-1.2401	5.4848	-2.981E-14
PUENTE 120m	73	90.575	After	DEAD	LinStatic	-4.0667	-140.6173	-0.0029
PUENTE 120m	74	93.5175	Before	DEAD	LinStatic	-11.1186	-112.6831	-0.0029
PUENTE 120m	75	93.5175	After	DEAD	LinStatic	-17.4651	-112.6	-0.0029

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Table 38: Bridge Object Forces, Part 1 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	CaseType	P Tonf	V2 Tonf	V3 Tonf
PUENTE 120m	76	96.46	Before	DEAD	LinStatic	-30.6917	-84.6526	-0.0029
PUENTE 120m	77	96.46	After	DEAD	LinStatic	-52.7619	-84.5155	-0.0029
PUENTE 120m	78	99.4025	Before	DEAD	LinStatic	-60.5787	-56.4983	-0.0029
PUENTE 120m	79	99.4025	After	DEAD	LinStatic	-66.2217	-56.3321	-0.0029
PUENTE 120m	80	102.345	Before	DEAD	LinStatic	-71.231	-28.3148	-0.0029
PUENTE 120m	81	102.345	After	DEAD	LinStatic	-73.9813	-28.1486	-0.0029
PUENTE 120m	82	105.2875	Before	DEAD	LinStatic	-75.7159	-0.1313	-0.0029
PUENTE 120m	83	105.2875	After	DEAD	LinStatic	-75.768	0.0349	-0.0029
PUENTE 120m	84	108.23	Before	DEAD	LinStatic	-74.0268	28.0522	-0.0029
PUENTE 120m	85	108.23	After	DEAD	LinStatic	-71.5991	28.2184	-0.0029
PUENTE 120m	86	111.1725	Before	DEAD	LinStatic	-66.1464	56.2356	-0.0029
PUENTE 120m	87	111.1725	After	DEAD	LinStatic	-61.4939	56.4019	-0.0029
PUENTE 120m	88	114.115	Before	DEAD	LinStatic	-50.5286	84.4158	-0.0029
PUENTE 120m	89	114.115	After	DEAD	LinStatic	-24.4131	84.538	-0.0029
PUENTE 120m	90	117.0575	Before	DEAD	LinStatic	-17.0606	112.4721	-0.0029
PUENTE 120m	91	117.0575	After	DEAD	LinStatic	-12.7098	112.5552	-0.0029
PUENTE 120m	92	120.	Before	DEAD	LinStatic	-2.7029	140.4894	-0.0029
PUENTE 120m	1	0.	After		LinStatic	0.	0.	0.
PUENTE 120m	2	2.9425	Before		LinStatic	0.	0.	0.
PUENTE 120m	3	2.9425	After		LinStatic	0.	0.	0.
PUENTE 120m	4	5.885	Before		LinStatic	0.	0.	0.
PUENTE 120m	5	5.885	After		LinStatic	0.	0.	0.
PUENTE 120m	6	8.8275	Before		LinStatic	0.	0.	0.
PUENTE 120m	7	8.8275	After		LinStatic	0.	0.	0.
PUENTE 120m	8	11.77	Before		LinStatic	0.	0.	0.
PUENTE 120m	9	11.77	After		LinStatic	0.	0.	0.
PUENTE 120m	10	14.7125	Before		LinStatic	0.	0.	0.
PUENTE 120m	11	14.7125	After		LinStatic	0.	0.	0.
PUENTE 120m	12	17.655	Before		LinStatic	0.	0.	0.
PUENTE 120m	13	17.655	After		LinStatic	0.	0.	0.

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Table 38: Bridge Object Forces, Part 1 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	CaseType	P Tonf	V2 Tonf	V3 Tonf
PUENTE 120m	14	20.5975	Before		LinStatic	0.	0.	0.
PUENTE 120m	15	20.5975	After		LinStatic	0.	0.	0.
PUENTE 120m	16	23.54	Before		LinStatic	0.	0.	0.
PUENTE 120m	17	23.54	After		LinStatic	0.	0.	0.
PUENTE 120m	18	26.4825	Before		LinStatic	0.	0.	0.
PUENTE 120m	19	26.4825	After		LinStatic	0.	0.	0.
PUENTE 120m	20	29.425	Before		LinStatic	0.	0.	0.
PUENTE 120m	21	29.425	After		LinStatic	0.	0.	0.
PUENTE 120m	22	30.	Before		LinStatic	0.	0.	0.
PUENTE 120m	23	30.	After		LinStatic	0.	0.	0.
PUENTE 120m	24	30.575	Before		LinStatic	0.	0.	0.
PUENTE 120m	25	30.575	After		LinStatic	0.	0.	0.
PUENTE 120m	26	33.46	Before		LinStatic	0.	0.	0.
PUENTE 120m	27	33.46	After		LinStatic	0.	0.	0.
PUENTE 120m	28	36.345	Before		LinStatic	0.	0.	0.
PUENTE 120m	29	36.345	After		LinStatic	0.	0.	0.
PUENTE 120m	30	39.23	Before		LinStatic	0.	0.	0.
PUENTE 120m	31	39.23	After		LinStatic	0.	0.	0.
PUENTE 120m	32	42.115	Before		LinStatic	0.	0.	0.
PUENTE 120m	33	42.115	After		LinStatic	0.	0.	0.
PUENTE 120m	34	45.	Before		LinStatic	0.	0.	0.
PUENTE 120m	35	45.	After		LinStatic	0.	0.	0.
PUENTE 120m	36	47.885	Before		LinStatic	0.	0.	0.
PUENTE 120m	37	47.885	After		LinStatic	0.	0.	0.
PUENTE 120m	38	50.77	Before		LinStatic	0.	0.	0.
PUENTE 120m	39	50.77	After		LinStatic	0.	0.	0.
PUENTE 120m	40	53.655	Before		LinStatic	0.	0.	0.
PUENTE 120m	41	53.655	After		LinStatic	0.	0.	0.
PUENTE 120m	42	56.54	Before		LinStatic	0.	0.	0.
PUENTE 120m	43	56.54	After		LinStatic	0.	0.	0.

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Table 38: Bridge Object Forces, Part 1 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	CaseType	P Tonf	V2 Tonf	V3 Tonf
PUENTE 120m	44	59.425	Before		LinStatic	0.	0.	0.
PUENTE 120m	45	59.425	After		LinStatic	0.	0.	0.
PUENTE 120m	46	60.	Before		LinStatic	0.	0.	0.
PUENTE 120m	47	60.	After		LinStatic	0.	0.	0.
PUENTE 120m	48	60.575	Before		LinStatic	0.	0.	0.
PUENTE 120m	49	60.575	After		LinStatic	0.	0.	0.
PUENTE 120m	50	63.46	Before		LinStatic	0.	0.	0.
PUENTE 120m	51	63.46	After		LinStatic	0.	0.	0.
PUENTE 120m	52	66.345	Before		LinStatic	0.	0.	0.
PUENTE 120m	53	66.345	After		LinStatic	0.	0.	0.
PUENTE 120m	54	69.23	Before		LinStatic	0.	0.	0.
PUENTE 120m	55	69.23	After		LinStatic	0.	0.	0.
PUENTE 120m	56	72.115	Before		LinStatic	0.	0.	0.
PUENTE 120m	57	72.115	After		LinStatic	0.	0.	0.
PUENTE 120m	58	75.	Before		LinStatic	0.	0.	0.
PUENTE 120m	59	75.	After		LinStatic	0.	0.	0.
PUENTE 120m	60	77.885	Before		LinStatic	0.	0.	0.
PUENTE 120m	61	77.885	After		LinStatic	0.	0.	0.
PUENTE 120m	62	80.77	Before		LinStatic	0.	0.	0.
PUENTE 120m	63	80.77	After		LinStatic	0.	0.	0.
PUENTE 120m	64	83.655	Before		LinStatic	0.	0.	0.
PUENTE 120m	65	83.655	After		LinStatic	0.	0.	0.
PUENTE 120m	66	86.54	Before		LinStatic	0.	0.	0.
PUENTE 120m	67	86.54	After		LinStatic	0.	0.	0.
PUENTE 120m	68	89.425	Before		LinStatic	0.	0.	0.
PUENTE 120m	69	89.425	After		LinStatic	0.	0.	0.
PUENTE 120m	70	90.	Before		LinStatic	0.	0.	0.
PUENTE 120m	71	90.	After		LinStatic	0.	0.	0.
PUENTE 120m	72	90.575	Before		LinStatic	0.	0.	0.
PUENTE 120m	73	90.575	After		LinStatic	0.	0.	0.

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Table 38: Bridge Object Forces, Part 1 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	CaseType	P Tonf	V2 Tonf	V3 Tonf
PUENTE 120m	74	93.5175	Before		LinStatic	0.	0.	0.
PUENTE 120m	75	93.5175	After		LinStatic	0.	0.	0.
PUENTE 120m	76	96.46	Before		LinStatic	0.	0.	0.
PUENTE 120m	77	96.46	After		LinStatic	0.	0.	0.
PUENTE 120m	78	99.4025	Before		LinStatic	0.	0.	0.
PUENTE 120m	79	99.4025	After		LinStatic	0.	0.	0.
PUENTE 120m	80	102.345	Before		LinStatic	0.	0.	0.
PUENTE 120m	81	102.345	After		LinStatic	0.	0.	0.
PUENTE 120m	82	105.2875	Before		LinStatic	0.	0.	0.
PUENTE 120m	83	105.2875	After		LinStatic	0.	0.	0.
PUENTE 120m	84	108.23	Before		LinStatic	0.	0.	0.
PUENTE 120m	85	108.23	After		LinStatic	0.	0.	0.
PUENTE 120m	86	111.1725	Before		LinStatic	0.	0.	0.
PUENTE 120m	87	111.1725	After		LinStatic	0.	0.	0.
PUENTE 120m	88	114.115	Before		LinStatic	0.	0.	0.
PUENTE 120m	89	114.115	After		LinStatic	0.	0.	0.
PUENTE 120m	90	117.0575	Before		LinStatic	0.	0.	0.
PUENTE 120m	91	117.0575	After		LinStatic	0.	0.	0.
PUENTE 120m	92	120.	Before		LinStatic	0.	0.	0.
PUENTE 120m	1	0.	After	Barrier	LinStatic	-0.1732	-8.5299	-0.0506
PUENTE 120m	2	2.9425	Before	Barrier	LinStatic	-0.8116	-7.3529	-0.0506
PUENTE 120m	3	2.9425	After	Barrier	LinStatic	-1.0817	-6.7644	-0.0506
PUENTE 120m	4	5.885	Before	Barrier	LinStatic	-1.5426	-5.5874	-0.0506
PUENTE 120m	5	5.885	After	Barrier	LinStatic	-3.1899	-4.9989	-0.0506
PUENTE 120m	6	8.8275	Before	Barrier	LinStatic	-3.8804	-3.8219	-0.0506
PUENTE 120m	7	8.8275	After	Barrier	LinStatic	-4.1745	-3.2334	-0.0506
PUENTE 120m	8	11.77	Before	Barrier	LinStatic	-4.5184	-2.0564	-0.0506
PUENTE 120m	9	11.77	After	Barrier	LinStatic	-4.6727	-1.4679	-0.0506
PUENTE 120m	10	14.7125	Before	Barrier	LinStatic	-4.7833	-0.2909	-0.0506
PUENTE 120m	11	14.7125	After	Barrier	LinStatic	-4.781	0.2976	-0.0506

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Table 38: Bridge Object Forces, Part 1 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	CaseType	P Tonf	V2 Tonf	V3 Tonf
PUENTE 120m	12	17.655	Before	Barrier	LinStatic	-4.6727	1.4746	-0.0506
PUENTE 120m	13	17.655	After	Barrier	LinStatic	-4.5	2.0631	-0.0506
PUENTE 120m	14	20.5975	Before	Barrier	LinStatic	-4.1851	3.2401	-0.0506
PUENTE 120m	15	20.5975	After	Barrier	LinStatic	-3.8298	3.8286	-0.0506
PUENTE 120m	16	23.54	Before	Barrier	LinStatic	-3.3383	5.0056	-0.0506
PUENTE 120m	17	23.54	After	Barrier	LinStatic	-1.9439	5.5941	-0.0506
PUENTE 120m	18	26.4825	Before	Barrier	LinStatic	-1.1101	6.7711	-0.0506
PUENTE 120m	19	26.4825	After	Barrier	LinStatic	-0.7118	7.3596	-0.0506
PUENTE 120m	20	29.425	Before	Barrier	LinStatic	-0.2676	8.5366	-0.0506
PUENTE 120m	21	29.425	After	Barrier	LinStatic	-0.0893	-0.1725	-2.658E-14
PUENTE 120m	22	30.	Before	Barrier	LinStatic	-0.0893	-0.1725	-2.782E-14
PUENTE 120m	23	30.	After	Barrier	LinStatic	-0.0862	0.1725	3.211E-14
PUENTE 120m	24	30.575	Before	Barrier	LinStatic	-0.0862	0.1725	1.263E-13
PUENTE 120m	25	30.575	After	Barrier	LinStatic	-0.256	-8.3665	0.0011
PUENTE 120m	26	33.46	Before	Barrier	LinStatic	-0.6827	-7.2125	0.0011
PUENTE 120m	27	33.46	After	Barrier	LinStatic	-1.062	-6.6355	0.0011
PUENTE 120m	28	36.345	Before	Barrier	LinStatic	-1.7715	-5.4815	0.0011
PUENTE 120m	29	36.345	After	Barrier	LinStatic	-3.1901	-4.9045	0.0011
PUENTE 120m	30	39.23	Before	Barrier	LinStatic	-3.6981	-3.7505	0.0011
PUENTE 120m	31	39.23	After	Barrier	LinStatic	-4.0074	-3.1735	0.0011
PUENTE 120m	32	42.115	Before	Barrier	LinStatic	-4.3469	-2.0195	0.0011
PUENTE 120m	33	42.115	After	Barrier	LinStatic	-4.4901	-1.4425	0.0011
PUENTE 120m	34	45.	Before	Barrier	LinStatic	-4.6148	-0.2885	0.0011
PUENTE 120m	35	45.	After	Barrier	LinStatic	-4.6151	0.2885	0.0011
PUENTE 120m	36	47.885	Before	Barrier	LinStatic	-4.4909	1.4425	0.0011
PUENTE 120m	37	47.885	After	Barrier	LinStatic	-4.3481	2.0195	0.0011
PUENTE 120m	38	50.77	Before	Barrier	LinStatic	-4.0089	3.1735	0.0011
PUENTE 120m	39	50.77	After	Barrier	LinStatic	-3.6996	3.7505	0.0011
PUENTE 120m	40	53.655	Before	Barrier	LinStatic	-3.1915	4.9045	0.0011
PUENTE 120m	41	53.655	After	Barrier	LinStatic	-1.7721	5.4815	0.0011

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Table 38: Bridge Object Forces, Part 1 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	CaseType	P Tonf	V2 Tonf	V3 Tonf
PUENTE 120m	42	56.54	Before	Barrier	LinStatic	-1.0626	6.6355	0.0011
PUENTE 120m	43	56.54	After	Barrier	LinStatic	-0.6836	7.2125	0.0011
PUENTE 120m	44	59.425	Before	Barrier	LinStatic	-0.2566	8.3665	0.0011
PUENTE 120m	45	59.425	After	Barrier	LinStatic	-0.0867	-0.1725	7.216E-14
PUENTE 120m	46	60.	Before	Barrier	LinStatic	-0.0867	-0.1725	-2.188E-14
PUENTE 120m	47	60.	After	Barrier	LinStatic	-0.0863	0.1725	-2.844E-14
PUENTE 120m	48	60.575	Before	Barrier	LinStatic	-0.0863	0.1725	4.714E-14
PUENTE 120m	49	60.575	After	Barrier	LinStatic	-0.256	-8.3665	0.001
PUENTE 120m	50	63.46	Before	Barrier	LinStatic	-0.6827	-7.2125	0.001
PUENTE 120m	51	63.46	After	Barrier	LinStatic	-1.062	-6.6355	0.001
PUENTE 120m	52	66.345	Before	Barrier	LinStatic	-1.7715	-5.4815	0.001
PUENTE 120m	53	66.345	After	Barrier	LinStatic	-3.1901	-4.9045	0.001
PUENTE 120m	54	69.23	Before	Barrier	LinStatic	-3.6982	-3.7505	0.001
PUENTE 120m	55	69.23	After	Barrier	LinStatic	-4.0074	-3.1735	0.001
PUENTE 120m	56	72.115	Before	Barrier	LinStatic	-4.3469	-2.0195	0.001
PUENTE 120m	57	72.115	After	Barrier	LinStatic	-4.4901	-1.4425	0.001
PUENTE 120m	58	75.	Before	Barrier	LinStatic	-4.6148	-0.2885	0.001
PUENTE 120m	59	75.	After	Barrier	LinStatic	-4.6151	0.2885	0.001
PUENTE 120m	60	77.885	Before	Barrier	LinStatic	-4.4909	1.4425	0.001
PUENTE 120m	61	77.885	After	Barrier	LinStatic	-4.3481	2.0195	0.001
PUENTE 120m	62	80.77	Before	Barrier	LinStatic	-4.0089	3.1735	0.001
PUENTE 120m	63	80.77	After	Barrier	LinStatic	-3.6996	3.7505	0.001
PUENTE 120m	64	83.655	Before	Barrier	LinStatic	-3.1916	4.9045	0.001
PUENTE 120m	65	83.655	After	Barrier	LinStatic	-1.7721	5.4815	0.001
PUENTE 120m	66	86.54	Before	Barrier	LinStatic	-1.0626	6.6355	0.001
PUENTE 120m	67	86.54	After	Barrier	LinStatic	-0.6836	7.2125	0.001
PUENTE 120m	68	89.425	Before	Barrier	LinStatic	-0.2567	8.3665	0.001
PUENTE 120m	69	89.425	After	Barrier	LinStatic	-0.0867	-0.1725	4.693E-14
PUENTE 120m	70	90.	Before	Barrier	LinStatic	-0.0867	-0.1725	-6.294E-14
PUENTE 120m	71	90.	After	Barrier	LinStatic	-0.0894	0.1725	1.698E-14

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Table 38: Bridge Object Forces, Part 1 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	CaseType	P Tonf	V2 Tonf	V3 Tonf
PUENTE 120m	72	90.575	Before	Barrier	LinStatic	-0.0894	0.1725	-1.192E-13
PUENTE 120m	73	90.575	After	Barrier	LinStatic	-0.2676	-8.5366	0.0024
PUENTE 120m	74	93.5175	Before	Barrier	LinStatic	-0.7118	-7.3596	0.0024
PUENTE 120m	75	93.5175	After	Barrier	LinStatic	-1.1107	-6.7711	0.0024
PUENTE 120m	76	96.46	Before	Barrier	LinStatic	-1.945	-5.5941	0.0024
PUENTE 120m	77	96.46	After	Barrier	LinStatic	-3.34	-5.0056	0.0024
PUENTE 120m	78	99.4025	Before	Barrier	LinStatic	-3.8321	-3.8286	0.0024
PUENTE 120m	79	99.4025	After	Barrier	LinStatic	-4.1882	-3.2401	0.0024
PUENTE 120m	80	102.345	Before	Barrier	LinStatic	-4.504	-2.0631	0.0024
PUENTE 120m	81	102.345	After	Barrier	LinStatic	-4.6778	-1.4746	0.0024
PUENTE 120m	82	105.2875	Before	Barrier	LinStatic	-4.7872	-0.2976	0.0024
PUENTE 120m	83	105.2875	After	Barrier	LinStatic	-4.7906	0.2909	0.0024
PUENTE 120m	84	108.23	Before	Barrier	LinStatic	-4.6809	1.4679	0.0024
PUENTE 120m	85	108.23	After	Barrier	LinStatic	-4.5273	2.0564	0.0024
PUENTE 120m	86	111.1725	Before	Barrier	LinStatic	-4.1837	3.2334	0.0024
PUENTE 120m	87	111.1725	After	Barrier	LinStatic	-3.889	3.8219	0.0024
PUENTE 120m	88	114.115	Before	Barrier	LinStatic	-3.1978	4.9989	0.0024
PUENTE 120m	89	114.115	After	Barrier	LinStatic	-1.5455	5.5874	0.0024
PUENTE 120m	90	117.0575	Before	Barrier	LinStatic	-1.0845	6.7644	0.0024
PUENTE 120m	91	117.0575	After	Barrier	LinStatic	-0.8156	7.3529	0.0024
PUENTE 120m	92	120.	Before	Barrier	LinStatic	-0.1762	8.5299	0.0024
PUENTE 120m	1	0.	After	Sidewalk	LinStatic	-0.1991	-9.9515	-0.0467
PUENTE 120m	2	2.9425	Before	Sidewalk	LinStatic	-0.941	-8.5784	-0.0467
PUENTE 120m	3	2.9425	After	Sidewalk	LinStatic	-1.257	-7.8918	-0.0467
PUENTE 120m	4	5.885	Before	Sidewalk	LinStatic	-1.7947	-6.5186	-0.0467
PUENTE 120m	5	5.885	After	Sidewalk	LinStatic	-3.7124	-5.832	-0.0467
PUENTE 120m	6	8.8275	Before	Sidewalk	LinStatic	-4.517	-4.4589	-0.0467
PUENTE 120m	7	8.8275	After	Sidewalk	LinStatic	-4.8593	-3.7723	-0.0467
PUENTE 120m	8	11.77	Before	Sidewalk	LinStatic	-5.26	-2.3991	-0.0467
PUENTE 120m	9	11.77	After	Sidewalk	LinStatic	-5.4394	-1.7125	-0.0467

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Table 38: Bridge Object Forces, Part 1 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	CaseType	P Tonf	V2 Tonf	V3 Tonf
PUENTE 120m	10	14.7125	Before	Sidewalk	LinStatic	-5.5681	-0.3394	-0.0467
PUENTE 120m	11	14.7125	After	Sidewalk	LinStatic	-5.5652	0.3472	-0.0467
PUENTE 120m	12	17.655	Before	Sidewalk	LinStatic	-5.4387	1.7204	-0.0467
PUENTE 120m	13	17.655	After	Sidewalk	LinStatic	-5.2373	2.407	-0.0467
PUENTE 120m	14	20.5975	Before	Sidewalk	LinStatic	-4.8703	3.7801	-0.0467
PUENTE 120m	15	20.5975	After	Sidewalk	LinStatic	-4.4563	4.4667	-0.0467
PUENTE 120m	16	23.54	Before	Sidewalk	LinStatic	-3.8833	5.8399	-0.0467
PUENTE 120m	17	23.54	After	Sidewalk	LinStatic	-2.2604	6.5265	-0.0467
PUENTE 120m	18	26.4825	Before	Sidewalk	LinStatic	-1.2894	7.8996	-0.0467
PUENTE 120m	19	26.4825	After	Sidewalk	LinStatic	-0.8246	8.5862	-0.0467
PUENTE 120m	20	29.425	Before	Sidewalk	LinStatic	-0.3071	9.9594	-0.0467
PUENTE 120m	21	29.425	After	Sidewalk	LinStatic	-0.0995	-0.2013	1.289E-14
PUENTE 120m	22	30.	Before	Sidewalk	LinStatic	-0.0995	-0.2013	1.661E-14
PUENTE 120m	23	30.	After	Sidewalk	LinStatic	-0.0959	0.2012	-5.917E-14
PUENTE 120m	24	30.575	Before	Sidewalk	LinStatic	-0.0959	0.2012	2.336E-14
PUENTE 120m	25	30.575	After	Sidewalk	LinStatic	-0.2936	-9.7609	0.001
PUENTE 120m	26	33.46	Before	Sidewalk	LinStatic	-0.7907	-8.4146	0.001
PUENTE 120m	27	33.46	After	Sidewalk	LinStatic	-1.2331	-7.7414	0.001
PUENTE 120m	28	36.345	Before	Sidewalk	LinStatic	-2.0595	-6.3951	0.001
PUENTE 120m	29	36.345	After	Sidewalk	LinStatic	-3.7101	-5.7219	0.001
PUENTE 120m	30	39.23	Before	Sidewalk	LinStatic	-4.3022	-4.3756	0.001
PUENTE 120m	31	39.23	After	Sidewalk	LinStatic	-4.6624	-3.7024	0.001
PUENTE 120m	32	42.115	Before	Sidewalk	LinStatic	-5.0579	-2.3561	0.001
PUENTE 120m	33	42.115	After	Sidewalk	LinStatic	-5.2246	-1.6829	0.001
PUENTE 120m	34	45.	Before	Sidewalk	LinStatic	-5.3698	-0.3366	0.001
PUENTE 120m	35	45.	After	Sidewalk	LinStatic	-5.3701	0.3366	0.001
PUENTE 120m	36	47.885	Before	Sidewalk	LinStatic	-5.2254	1.6829	0.001
PUENTE 120m	37	47.885	After	Sidewalk	LinStatic	-5.059	2.3561	0.001
PUENTE 120m	38	50.77	Before	Sidewalk	LinStatic	-4.6638	3.7024	0.001
PUENTE 120m	39	50.77	After	Sidewalk	LinStatic	-4.3036	4.3756	0.001

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BridgeObj	BridgeCut	Distance m	LocType	OutputCase	CaseType	P Tonf	V2 Tonf	V3 Tonf
PUENTE 120m	40	53.655	Before	Sidewalk	LinStatic	-3.7114	5.7219	0.001
PUENTE 120m	41	53.655	After	Sidewalk	LinStatic	-2.0601	6.3951	0.001
PUENTE 120m	42	56.54	Before	Sidewalk	LinStatic	-1.2337	7.7414	0.001
PUENTE 120m	43	56.54	After	Sidewalk	LinStatic	-0.7916	8.4146	0.001
PUENTE 120m	44	59.425	Before	Sidewalk	LinStatic	-0.2942	9.7609	0.001
PUENTE 120m	45	59.425	After	Sidewalk	LinStatic	-0.0964	-0.2013	9.022E-14
PUENTE 120m	46	60.	Before	Sidewalk	LinStatic	-0.0964	-0.2013	-1.756E-14
PUENTE 120m	47	60.	After	Sidewalk	LinStatic	-0.0959	0.2012	-7.217E-14
PUENTE 120m	48	60.575	Before	Sidewalk	LinStatic	-0.0959	0.2012	4.384E-14
PUENTE 120m	49	60.575	After	Sidewalk	LinStatic	-0.2936	-9.7609	9.357E-04
PUENTE 120m	50	63.46	Before	Sidewalk	LinStatic	-0.7907	-8.4146	9.357E-04
PUENTE 120m	51	63.46	After	Sidewalk	LinStatic	-1.2331	-7.7414	9.357E-04
PUENTE 120m	52	66.345	Before	Sidewalk	LinStatic	-2.0595	-6.3951	9.357E-04
PUENTE 120m	53	66.345	After	Sidewalk	LinStatic	-3.7101	-5.7219	9.357E-04
PUENTE 120m	54	69.23	Before	Sidewalk	LinStatic	-4.3022	-4.3756	9.357E-04
PUENTE 120m	55	69.23	After	Sidewalk	LinStatic	-4.6624	-3.7024	9.357E-04
PUENTE 120m	56	72.115	Before	Sidewalk	LinStatic	-5.058	-2.3561	9.357E-04
PUENTE 120m	57	72.115	After	Sidewalk	LinStatic	-5.2247	-1.6829	9.357E-04
PUENTE 120m	58	75.	Before	Sidewalk	LinStatic	-5.3699	-0.3366	9.357E-04
PUENTE 120m	59	75.	After	Sidewalk	LinStatic	-5.3701	0.3366	9.357E-04
PUENTE 120m	60	77.885	Before	Sidewalk	LinStatic	-5.2254	1.6829	9.357E-04
PUENTE 120m	61	77.885	After	Sidewalk	LinStatic	-5.059	2.3561	9.357E-04
PUENTE 120m	62	80.77	Before	Sidewalk	LinStatic	-4.6638	3.7024	9.357E-04
PUENTE 120m	63	80.77	After	Sidewalk	LinStatic	-4.3036	4.3756	9.357E-04
PUENTE 120m	64	83.655	Before	Sidewalk	LinStatic	-3.7115	5.7219	9.357E-04
PUENTE 120m	65	83.655	After	Sidewalk	LinStatic	-2.0601	6.3951	9.357E-04
PUENTE 120m	66	86.54	Before	Sidewalk	LinStatic	-1.2337	7.7414	9.357E-04
PUENTE 120m	67	86.54	After	Sidewalk	LinStatic	-0.7916	8.4146	9.357E-04
PUENTE 120m	68	89.425	Before	Sidewalk	LinStatic	-0.2942	9.7609	9.357E-04
PUENTE 120m	69	89.425	After	Sidewalk	LinStatic	-0.0964	-0.2013	1.050E-13

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Table 38: Bridge Object Forces, Part 1 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	CaseType	P Tonf	V2 Tonf	V3 Tonf
PUENTE 120m	70	90.	Before	Sidewalk	LinStatic	-0.0964	-0.2012	-3.906E-14
PUENTE 120m	71	90.	After	Sidewalk	LinStatic	-0.0996	0.2012	-5.572E-14
PUENTE 120m	72	90.575	Before	Sidewalk	LinStatic	-0.0996	0.2012	-1.863E-13
PUENTE 120m	73	90.575	After	Sidewalk	LinStatic	-0.3071	-9.9594	0.0022
PUENTE 120m	74	93.5175	Before	Sidewalk	LinStatic	-0.8246	-8.5862	0.0022
PUENTE 120m	75	93.5175	After	Sidewalk	LinStatic	-1.2899	-7.8996	0.0022
PUENTE 120m	76	96.46	Before	Sidewalk	LinStatic	-2.2614	-6.5265	0.0022
PUENTE 120m	77	96.46	After	Sidewalk	LinStatic	-3.8849	-5.8399	0.0022
PUENTE 120m	78	99.4025	Before	Sidewalk	LinStatic	-4.4584	-4.4667	0.0022
PUENTE 120m	79	99.4025	After	Sidewalk	LinStatic	-4.8731	-3.7801	0.0022
PUENTE 120m	80	102.345	Before	Sidewalk	LinStatic	-5.2411	-2.407	0.0022
PUENTE 120m	81	102.345	After	Sidewalk	LinStatic	-5.4434	-1.7204	0.0022
PUENTE 120m	82	105.2875	Before	Sidewalk	LinStatic	-5.5709	-0.3472	0.0022
PUENTE 120m	83	105.2875	After	Sidewalk	LinStatic	-5.5748	0.3394	0.0022
PUENTE 120m	84	108.23	Before	Sidewalk	LinStatic	-5.447	1.7125	0.0022
PUENTE 120m	85	108.23	After	Sidewalk	LinStatic	-5.2682	2.3991	0.0022
PUENTE 120m	86	111.1725	Before	Sidewalk	LinStatic	-4.8678	3.7723	0.0022
PUENTE 120m	87	111.1725	After	Sidewalk	LinStatic	-4.5249	4.4589	0.0022
PUENTE 120m	88	114.115	Before	Sidewalk	LinStatic	-3.7197	5.832	0.0022
PUENTE 120m	89	114.115	After	Sidewalk	LinStatic	-1.7974	6.5186	0.0022
PUENTE 120m	90	117.0575	Before	Sidewalk	LinStatic	-1.2595	7.8918	0.0022
PUENTE 120m	91	117.0575	After	Sidewalk	LinStatic	-0.9447	8.5784	0.0022
PUENTE 120m	92	120.	Before	Sidewalk	LinStatic	-0.2019	9.9515	0.0022
PUENTE 120m	1	0.	After	DW	LinStatic	-0.297	-15.3538	0.0249
PUENTE 120m	2	2.9425	Before	DW	LinStatic	-1.4295	-13.2352	0.0249
PUENTE 120m	3	2.9425	After	DW	LinStatic	-1.9223	-12.1759	0.0249
PUENTE 120m	4	5.885	Before	DW	LinStatic	-2.7513	-10.0573	0.0249
PUENTE 120m	5	5.885	After	DW	LinStatic	-5.694	-8.998	0.0249
PUENTE 120m	6	8.8275	Before	DW	LinStatic	-6.929	-6.8794	0.0249
PUENTE 120m	7	8.8275	After	DW	LinStatic	-7.4522	-5.8201	0.0249

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BridgeObj	BridgeCut	Distance m	LocType	OutputCase	CaseType	P Tonf	V2 Tonf	V3 Tonf
PUENTE 120m	8	11.77	Before	DW	LinStatic	-8.0658	-3.7015	0.0249
PUENTE 120m	9	11.77	After	DW	LinStatic	-8.3386	-2.6422	0.0249
PUENTE 120m	10	14.7125	Before	DW	LinStatic	-8.5342	-0.5236	0.0249
PUENTE 120m	11	14.7125	After	DW	LinStatic	-8.5279	0.5357	0.0249
PUENTE 120m	12	17.655	Before	DW	LinStatic	-8.3323	2.6543	0.0249
PUENTE 120m	13	17.655	After	DW	LinStatic	-8.0224	3.7136	0.0249
PUENTE 120m	14	20.5975	Before	DW	LinStatic	-7.4582	5.8322	0.0249
PUENTE 120m	15	20.5975	After	DW	LinStatic	-6.8227	6.8915	0.0249
PUENTE 120m	16	23.54	Before	DW	LinStatic	-5.9423	9.0101	0.0249
PUENTE 120m	17	23.54	After	DW	LinStatic	-3.4564	10.0694	0.0249
PUENTE 120m	18	26.4825	Before	DW	LinStatic	-1.9659	12.188	0.0249
PUENTE 120m	19	26.4825	After	DW	LinStatic	-1.2488	13.2473	0.0249
PUENTE 120m	20	29.425	Before	DW	LinStatic	-0.4527	15.3659	0.0249
PUENTE 120m	21	29.425	After	DW	LinStatic	-0.1339	-0.3105	-3.934E-15
PUENTE 120m	22	30.	Before	DW	LinStatic	-0.1339	-0.3105	-5.163E-15
PUENTE 120m	23	30.	After	DW	LinStatic	-0.1283	0.3105	5.985E-14
PUENTE 120m	24	30.575	Before	DW	LinStatic	-0.1283	0.3105	-5.023E-14
PUENTE 120m	25	30.575	After	DW	LinStatic	-0.432	-15.0597	-3.893E-04
PUENTE 120m	26	33.46	Before	DW	LinStatic	-1.1967	-12.9825	-3.893E-04
PUENTE 120m	27	33.46	After	DW	LinStatic	-1.8786	-11.9439	-3.893E-04
PUENTE 120m	28	36.345	Before	DW	LinStatic	-3.1468	-9.8667	-3.893E-04
PUENTE 120m	29	36.345	After	DW	LinStatic	-5.6734	-8.8281	-3.893E-04
PUENTE 120m	30	39.23	Before	DW	LinStatic	-6.5824	-6.7509	-3.893E-04
PUENTE 120m	31	39.23	After	DW	LinStatic	-7.1335	-5.7123	-3.893E-04
PUENTE 120m	32	42.115	Before	DW	LinStatic	-7.7399	-3.6351	-3.893E-04
PUENTE 120m	33	42.115	After	DW	LinStatic	-7.9942	-2.5965	-3.893E-04
PUENTE 120m	34	45.	Before	DW	LinStatic	-8.2165	-0.5193	-3.893E-04
PUENTE 120m	35	45.	After	DW	LinStatic	-8.2164	0.5193	-3.893E-04
PUENTE 120m	36	47.885	Before	DW	LinStatic	-7.994	2.5965	-3.893E-04
PUENTE 120m	37	47.885	After	DW	LinStatic	-7.7395	3.6351	-3.893E-04

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Table 38: Bridge Object Forces, Part 1 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	CaseType	P Tonf	V2 Tonf	V3 Tonf
PUENTE 120m	38	50.77	Before	DW	LinStatic	-7.133	5.7123	-3.893E-04
PUENTE 120m	39	50.77	After	DW	LinStatic	-6.5819	6.7509	-3.893E-04
PUENTE 120m	40	53.655	Before	DW	LinStatic	-5.6729	8.8281	-3.893E-04
PUENTE 120m	41	53.655	After	DW	LinStatic	-3.1466	9.8667	-3.893E-04
PUENTE 120m	42	56.54	Before	DW	LinStatic	-1.8784	11.9439	-3.893E-04
PUENTE 120m	43	56.54	After	DW	LinStatic	-1.1964	12.9825	-3.893E-04
PUENTE 120m	44	59.425	Before	DW	LinStatic	-0.4318	15.0597	-3.893E-04
PUENTE 120m	45	59.425	After	DW	LinStatic	-0.1281	-0.3105	1.359E-14
PUENTE 120m	46	60.	Before	DW	LinStatic	-0.1281	-0.3105	9.304E-14
PUENTE 120m	47	60.	After	DW	LinStatic	-0.1283	0.3105	1.017E-14
PUENTE 120m	48	60.575	Before	DW	LinStatic	-0.1283	0.3105	-2.523E-14
PUENTE 120m	49	60.575	After	DW	LinStatic	-0.432	-15.0597	-3.377E-04
PUENTE 120m	50	63.46	Before	DW	LinStatic	-1.1967	-12.9825	-3.377E-04
PUENTE 120m	51	63.46	After	DW	LinStatic	-1.8786	-11.9439	-3.377E-04
PUENTE 120m	52	66.345	Before	DW	LinStatic	-3.1468	-9.8667	-3.377E-04
PUENTE 120m	53	66.345	After	DW	LinStatic	-5.6734	-8.8281	-3.377E-04
PUENTE 120m	54	69.23	Before	DW	LinStatic	-6.5824	-6.7509	-3.377E-04
PUENTE 120m	55	69.23	After	DW	LinStatic	-7.1335	-5.7123	-3.377E-04
PUENTE 120m	56	72.115	Before	DW	LinStatic	-7.7399	-3.6351	-3.377E-04
PUENTE 120m	57	72.115	After	DW	LinStatic	-7.9942	-2.5965	-3.377E-04
PUENTE 120m	58	75.	Before	DW	LinStatic	-8.2165	-0.5193	-3.377E-04
PUENTE 120m	59	75.	After	DW	LinStatic	-8.2164	0.5193	-3.377E-04
PUENTE 120m	60	77.885	Before	DW	LinStatic	-7.994	2.5965	-3.377E-04
PUENTE 120m	61	77.885	After	DW	LinStatic	-7.7395	3.6351	-3.377E-04
PUENTE 120m	62	80.77	Before	DW	LinStatic	-7.133	5.7123	-3.377E-04
PUENTE 120m	63	80.77	After	DW	LinStatic	-6.5819	6.7509	-3.377E-04
PUENTE 120m	64	83.655	Before	DW	LinStatic	-5.6729	8.8281	-3.377E-04
PUENTE 120m	65	83.655	After	DW	LinStatic	-3.1466	9.8667	-3.377E-04
PUENTE 120m	66	86.54	Before	DW	LinStatic	-1.8784	11.9439	-3.377E-04
PUENTE 120m	67	86.54	After	DW	LinStatic	-1.1964	12.9825	-3.377E-04

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Table 38: Bridge Object Forces, Part 1 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	CaseType	P Tonf	V2 Tonf	V3 Tonf
PUENTE 120m	68	89.425	Before	DW	LinStatic	-0.4318	15.0597	-3.377E-04
PUENTE 120m	69	89.425	After	DW	LinStatic	-0.1281	-0.3105	-1.050E-13
PUENTE 120m	70	90.	Before	DW	LinStatic	-0.1281	-0.3105	-2.926E-14
PUENTE 120m	71	90.	After	DW	LinStatic	-0.1338	0.3105	-4.217E-14
PUENTE 120m	72	90.575	Before	DW	LinStatic	-0.1338	0.3105	9.727E-14
PUENTE 120m	73	90.575	After	DW	LinStatic	-0.4527	-15.3659	-0.0014
PUENTE 120m	74	93.5175	Before	DW	LinStatic	-1.2488	-13.2473	-0.0014
PUENTE 120m	75	93.5175	After	DW	LinStatic	-1.9658	-12.188	-0.0014
PUENTE 120m	76	96.46	Before	DW	LinStatic	-3.4561	-10.0694	-0.0014
PUENTE 120m	77	96.46	After	DW	LinStatic	-5.9417	-9.0101	-0.0014
PUENTE 120m	78	99.4025	Before	DW	LinStatic	-6.822	-6.8915	-0.0014
PUENTE 120m	79	99.4025	After	DW	LinStatic	-7.4571	-5.8322	-0.0014
PUENTE 120m	80	102.345	Before	DW	LinStatic	-8.0211	-3.7136	-0.0014
PUENTE 120m	81	102.345	After	DW	LinStatic	-8.3306	-2.6543	-0.0014
PUENTE 120m	82	105.2875	Before	DW	LinStatic	-8.5259	-0.5357	-0.0014
PUENTE 120m	83	105.2875	After	DW	LinStatic	-8.5318	0.5236	-0.0014
PUENTE 120m	84	108.23	Before	DW	LinStatic	-8.3358	2.6422	-0.0014
PUENTE 120m	85	108.23	After	DW	LinStatic	-8.0629	3.7015	-0.0014
PUENTE 120m	86	111.1725	Before	DW	LinStatic	-7.4491	5.8201	-0.0014
PUENTE 120m	87	111.1725	After	DW	LinStatic	-6.9261	6.8794	-0.0014
PUENTE 120m	88	114.115	Before	DW	LinStatic	-5.6914	8.998	-0.0014
PUENTE 120m	89	114.115	After	DW	LinStatic	-2.7503	10.0573	-0.0014
PUENTE 120m	90	117.0575	Before	DW	LinStatic	-1.9214	12.1759	-0.0014
PUENTE 120m	91	117.0575	After	DW	LinStatic	-1.4281	13.2352	-0.0014
PUENTE 120m	92	120.	Before	DW	LinStatic	-0.296	15.3538	-0.0014
PUENTE 120m	1	0.	After	T_Change_Pos	LinStatic	-22.4623	2.241E-11	3.815E-04
PUENTE 120m	2	2.9425	Before	T_Change_Pos	LinStatic	-22.4659	2.232E-11	3.815E-04
PUENTE 120m	3	2.9425	After	T_Change_Pos	LinStatic	-22.4819	2.243E-11	3.815E-04
PUENTE 120m	4	5.885	Before	T_Change_Pos	LinStatic	-22.4093	2.235E-11	3.815E-04
PUENTE 120m	5	5.885	After	T_Change_Pos	LinStatic	-41.2793	2.256E-11	3.815E-04

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Table 38: Bridge Object Forces, Part 1 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	CaseType	P Tonf	V2 Tonf	V3 Tonf
PUENTE 120m	6	8.8275	Before	T_Change_Pos	LinStatic	-42.7388	2.251E-11	3.815E-04
PUENTE 120m	7	8.8275	After	T_Change_Pos	LinStatic	-42.7368	2.257E-11	3.815E-04
PUENTE 120m	8	11.77	Before	T_Change_Pos	LinStatic	-42.7382	2.233E-11	3.815E-04
PUENTE 120m	9	11.77	After	T_Change_Pos	LinStatic	-42.7388	2.241E-11	3.815E-04
PUENTE 120m	10	14.7125	Before	T_Change_Pos	LinStatic	-42.7389	2.227E-11	3.815E-04
PUENTE 120m	11	14.7125	After	T_Change_Pos	LinStatic	-42.739	2.188E-11	3.815E-04
PUENTE 120m	12	17.655	Before	T_Change_Pos	LinStatic	-42.7389	2.189E-11	3.815E-04
PUENTE 120m	13	17.655	After	T_Change_Pos	LinStatic	-42.7386	2.083E-11	3.815E-04
PUENTE 120m	14	20.5975	Before	T_Change_Pos	LinStatic	-42.7376	2.048E-11	3.815E-04
PUENTE 120m	15	20.5975	After	T_Change_Pos	LinStatic	-42.7254	2.047E-11	3.815E-04
PUENTE 120m	16	23.54	Before	T_Change_Pos	LinStatic	-43.0431	2.068E-11	3.815E-04
PUENTE 120m	17	23.54	After	T_Change_Pos	LinStatic	-28.783	2.030E-11	3.815E-04
PUENTE 120m	18	26.4825	Before	T_Change_Pos	LinStatic	-22.4071	2.009E-11	3.815E-04
PUENTE 120m	19	26.4825	After	T_Change_Pos	LinStatic	-22.4799	2.027E-11	3.815E-04
PUENTE 120m	20	29.425	Before	T_Change_Pos	LinStatic	-22.4647	2.029E-11	3.815E-04
PUENTE 120m	21	29.425	After	T_Change_Pos	LinStatic	-22.4598	-1.304E-13	4.081E-14
PUENTE 120m	22	30.	Before	T_Change_Pos	LinStatic	-22.4598	-1.392E-13	-3.174E-13
PUENTE 120m	23	30.	After	T_Change_Pos	LinStatic	-22.4596	3.726E-14	-1.261E-14
PUENTE 120m	24	30.575	Before	T_Change_Pos	LinStatic	-22.4596	2.966E-14	-2.774E-13
PUENTE 120m	25	30.575	After	T_Change_Pos	LinStatic	-22.4643	-8.025E-11	-8.028E-06
PUENTE 120m	26	33.46	Before	T_Change_Pos	LinStatic	-22.4783	-8.020E-11	-8.028E-06
PUENTE 120m	27	33.46	After	T_Change_Pos	LinStatic	-22.4309	-8.014E-11	-8.028E-06
PUENTE 120m	28	36.345	Before	T_Change_Pos	LinStatic	-27.2577	-8.013E-11	-8.028E-06
PUENTE 120m	29	36.345	After	T_Change_Pos	LinStatic	-43.0235	-7.982E-11	-8.028E-06
PUENTE 120m	30	39.23	Before	T_Change_Pos	LinStatic	-42.7267	-7.965E-11	-8.028E-06
PUENTE 120m	31	39.23	After	T_Change_Pos	LinStatic	-42.7378	-7.953E-11	-8.028E-06
PUENTE 120m	32	42.115	Before	T_Change_Pos	LinStatic	-42.7384	-7.941E-11	-8.028E-06
PUENTE 120m	33	42.115	After	T_Change_Pos	LinStatic	-42.7389	-7.920E-11	-8.028E-06
PUENTE 120m	34	45.	Before	T_Change_Pos	LinStatic	-42.7389	-7.935E-11	-8.028E-06
PUENTE 120m	35	45.	After	T_Change_Pos	LinStatic	-42.7389	-7.927E-11	-8.028E-06

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Table 38: Bridge Object Forces, Part 1 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	CaseType	P Tonf	V2 Tonf	V3 Tonf
PUENTE 120m	36	47.885	Before	T_Change_Pos	LinStatic	-42.7389	-7.923E-11	-8.028E-06
PUENTE 120m	37	47.885	After	T_Change_Pos	LinStatic	-42.7384	-7.951E-11	-8.028E-06
PUENTE 120m	38	50.77	Before	T_Change_Pos	LinStatic	-42.7378	-7.930E-11	-8.028E-06
PUENTE 120m	39	50.77	After	T_Change_Pos	LinStatic	-42.7266	-7.877E-11	-8.028E-06
PUENTE 120m	40	53.655	Before	T_Change_Pos	LinStatic	-43.0234	-7.865E-11	-8.028E-06
PUENTE 120m	41	53.655	After	T_Change_Pos	LinStatic	-27.2577	-7.887E-11	-8.028E-06
PUENTE 120m	42	56.54	Before	T_Change_Pos	LinStatic	-22.4309	-7.878E-11	-8.028E-06
PUENTE 120m	43	56.54	After	T_Change_Pos	LinStatic	-22.4783	-7.890E-11	-8.028E-06
PUENTE 120m	44	59.425	Before	T_Change_Pos	LinStatic	-22.4643	-7.887E-11	-8.028E-06
PUENTE 120m	45	59.425	After	T_Change_Pos	LinStatic	-22.4596	1.740E-13	-1.738E-13
PUENTE 120m	46	60.	Before	T_Change_Pos	LinStatic	-22.4596	1.783E-13	4.633E-13
PUENTE 120m	47	60.	After	T_Change_Pos	LinStatic	-22.4596	1.996E-14	3.045E-13
PUENTE 120m	48	60.575	Before	T_Change_Pos	LinStatic	-22.4596	1.190E-14	1.460E-13
PUENTE 120m	49	60.575	After	T_Change_Pos	LinStatic	-22.4643	-1.950E-10	-7.374E-06
PUENTE 120m	50	63.46	Before	T_Change_Pos	LinStatic	-22.4783	-1.949E-10	-7.374E-06
PUENTE 120m	51	63.46	After	T_Change_Pos	LinStatic	-22.4309	-1.951E-10	-7.374E-06
PUENTE 120m	52	66.345	Before	T_Change_Pos	LinStatic	-27.2577	-1.952E-10	-7.374E-06
PUENTE 120m	53	66.345	After	T_Change_Pos	LinStatic	-43.0235	-1.950E-10	-7.374E-06
PUENTE 120m	54	69.23	Before	T_Change_Pos	LinStatic	-42.7267	-1.951E-10	-7.374E-06
PUENTE 120m	55	69.23	After	T_Change_Pos	LinStatic	-42.7378	-1.952E-10	-7.374E-06
PUENTE 120m	56	72.115	Before	T_Change_Pos	LinStatic	-42.7384	-1.952E-10	-7.374E-06
PUENTE 120m	57	72.115	After	T_Change_Pos	LinStatic	-42.7389	-1.952E-10	-7.374E-06
PUENTE 120m	58	75.	Before	T_Change_Pos	LinStatic	-42.7389	-1.957E-10	-7.374E-06
PUENTE 120m	59	75.	After	T_Change_Pos	LinStatic	-42.7389	-1.946E-10	-7.374E-06
PUENTE 120m	60	77.885	Before	T_Change_Pos	LinStatic	-42.7389	-1.952E-10	-7.374E-06
PUENTE 120m	61	77.885	After	T_Change_Pos	LinStatic	-42.7384	-1.952E-10	-7.374E-06
PUENTE 120m	62	80.77	Before	T_Change_Pos	LinStatic	-42.7378	-1.953E-10	-7.374E-06
PUENTE 120m	63	80.77	After	T_Change_Pos	LinStatic	-42.7266	-1.956E-10	-7.374E-06
PUENTE 120m	64	83.655	Before	T_Change_Pos	LinStatic	-43.0234	-1.956E-10	-7.374E-06
PUENTE 120m	65	83.655	After	T_Change_Pos	LinStatic	-27.2577	-1.952E-10	-7.374E-06

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Table 38: Bridge Object Forces, Part 1 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	CaseType	P Tonf	V2 Tonf	V3 Tonf
PUENTE 120m	66	86.54	Before	T_Change_Pos	LinStatic	-22.4309	-1.954E-10	-7.374E-06
PUENTE 120m	67	86.54	After	T_Change_Pos	LinStatic	-22.4783	-1.956E-10	-7.374E-06
PUENTE 120m	68	89.425	Before	T_Change_Pos	LinStatic	-22.4643	-1.956E-10	-7.374E-06
PUENTE 120m	69	89.425	After	T_Change_Pos	LinStatic	-22.4596	-2.452E-13	-3.686E-13
PUENTE 120m	70	90.	Before	T_Change_Pos	LinStatic	-22.4596	-2.401E-13	-2.221E-13
PUENTE 120m	71	90.	After	T_Change_Pos	LinStatic	-22.4597	-2.005E-14	1.849E-13
PUENTE 120m	72	90.575	Before	T_Change_Pos	LinStatic	-22.4597	-2.192E-14	3.028E-13
PUENTE 120m	73	90.575	After	T_Change_Pos	LinStatic	-22.4647	2.303E-10	-1.829E-05
PUENTE 120m	74	93.5175	Before	T_Change_Pos	LinStatic	-22.4799	2.303E-10	-1.829E-05
PUENTE 120m	75	93.5175	After	T_Change_Pos	LinStatic	-22.4071	2.301E-10	-1.829E-05
PUENTE 120m	76	96.46	Before	T_Change_Pos	LinStatic	-28.7829	2.302E-10	-1.829E-05
PUENTE 120m	77	96.46	After	T_Change_Pos	LinStatic	-43.0431	2.302E-10	-1.829E-05
PUENTE 120m	78	99.4025	Before	T_Change_Pos	LinStatic	-42.7254	2.300E-10	-1.829E-05
PUENTE 120m	79	99.4025	After	T_Change_Pos	LinStatic	-42.7376	2.301E-10	-1.829E-05
PUENTE 120m	80	102.345	Before	T_Change_Pos	LinStatic	-42.7386	2.304E-10	-1.829E-05
PUENTE 120m	81	102.345	After	T_Change_Pos	LinStatic	-42.7388	2.304E-10	-1.829E-05
PUENTE 120m	82	105.2875	Before	T_Change_Pos	LinStatic	-42.7389	2.307E-10	-1.829E-05
PUENTE 120m	83	105.2875	After	T_Change_Pos	LinStatic	-42.7389	2.297E-10	-1.829E-05
PUENTE 120m	84	108.23	Before	T_Change_Pos	LinStatic	-42.7387	2.296E-10	-1.829E-05
PUENTE 120m	85	108.23	After	T_Change_Pos	LinStatic	-42.7381	2.290E-10	-1.829E-05
PUENTE 120m	86	111.1725	Before	T_Change_Pos	LinStatic	-42.7368	2.294E-10	-1.829E-05
PUENTE 120m	87	111.1725	After	T_Change_Pos	LinStatic	-42.7387	2.292E-10	-1.829E-05
PUENTE 120m	88	114.115	Before	T_Change_Pos	LinStatic	-41.2792	2.293E-10	-1.829E-05
PUENTE 120m	89	114.115	After	T_Change_Pos	LinStatic	-22.4093	2.295E-10	-1.829E-05
PUENTE 120m	90	117.0575	Before	T_Change_Pos	LinStatic	-22.4818	2.296E-10	-1.829E-05
PUENTE 120m	91	117.0575	After	T_Change_Pos	LinStatic	-22.4659	2.292E-10	-1.829E-05
PUENTE 120m	92	120.	Before	T_Change_Pos	LinStatic	-22.4623	2.292E-10	-1.829E-05
PUENTE 120m	1	0.	After	T_Change_Neg	LinStatic	14.9749	-1.498E-11	-2.543E-04
PUENTE 120m	2	2.9425	Before	T_Change_Neg	LinStatic	14.9773	-1.495E-11	-2.543E-04
PUENTE 120m	3	2.9425	After	T_Change_Neg	LinStatic	14.9879	-1.497E-11	-2.543E-04

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Table 38: Bridge Object Forces, Part 1 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	CaseType	P Tonf	V2 Tonf	V3 Tonf
PUENTE 120m	4	5.885	Before	T_Change_Neg	LinStatic	14.9395	-1.500E-11	-2.543E-04
PUENTE 120m	5	5.885	After	T_Change_Neg	LinStatic	27.5195	-1.510E-11	-2.543E-04
PUENTE 120m	6	8.8275	Before	T_Change_Neg	LinStatic	28.4925	-1.509E-11	-2.543E-04
PUENTE 120m	7	8.8275	After	T_Change_Neg	LinStatic	28.4912	-1.506E-11	-2.543E-04
PUENTE 120m	8	11.77	Before	T_Change_Neg	LinStatic	28.4921	-1.503E-11	-2.543E-04
PUENTE 120m	9	11.77	After	T_Change_Neg	LinStatic	28.4925	-1.488E-11	-2.543E-04
PUENTE 120m	10	14.7125	Before	T_Change_Neg	LinStatic	28.4926	-1.492E-11	-2.543E-04
PUENTE 120m	11	14.7125	After	T_Change_Neg	LinStatic	28.4926	-1.460E-11	-2.543E-04
PUENTE 120m	12	17.655	Before	T_Change_Neg	LinStatic	28.4926	-1.440E-11	-2.543E-04
PUENTE 120m	13	17.655	After	T_Change_Neg	LinStatic	28.4924	-1.373E-11	-2.543E-04
PUENTE 120m	14	20.5975	Before	T_Change_Neg	LinStatic	28.4917	-1.353E-11	-2.543E-04
PUENTE 120m	15	20.5975	After	T_Change_Neg	LinStatic	28.4836	-1.378E-11	-2.543E-04
PUENTE 120m	16	23.54	Before	T_Change_Neg	LinStatic	28.6954	-1.386E-11	-2.543E-04
PUENTE 120m	17	23.54	After	T_Change_Neg	LinStatic	19.1886	-1.365E-11	-2.543E-04
PUENTE 120m	18	26.4825	Before	T_Change_Neg	LinStatic	14.938	-1.355E-11	-2.543E-04
PUENTE 120m	19	26.4825	After	T_Change_Neg	LinStatic	14.9866	-1.368E-11	-2.543E-04
PUENTE 120m	20	29.425	Before	T_Change_Neg	LinStatic	14.9765	-1.342E-11	-2.543E-04
PUENTE 120m	21	29.425	After	T_Change_Neg	LinStatic	14.9732	-8.852E-14	4.432E-13
PUENTE 120m	22	30.	Before	T_Change_Neg	LinStatic	14.9732	-8.617E-14	9.207E-14
PUENTE 120m	23	30.	After	T_Change_Neg	LinStatic	14.9731	-3.943E-14	3.864E-14
PUENTE 120m	24	30.575	Before	T_Change_Neg	LinStatic	14.9731	-2.861E-14	2.233E-13
PUENTE 120m	25	30.575	After	T_Change_Neg	LinStatic	14.9762	5.346E-11	5.352E-06
PUENTE 120m	26	33.46	Before	T_Change_Neg	LinStatic	14.9855	5.345E-11	5.352E-06
PUENTE 120m	27	33.46	After	T_Change_Neg	LinStatic	14.9539	5.349E-11	5.352E-06
PUENTE 120m	28	36.345	Before	T_Change_Neg	LinStatic	18.1718	5.337E-11	5.352E-06
PUENTE 120m	29	36.345	After	T_Change_Neg	LinStatic	28.6823	5.315E-11	5.352E-06
PUENTE 120m	30	39.23	Before	T_Change_Neg	LinStatic	28.4844	5.299E-11	5.352E-06
PUENTE 120m	31	39.23	After	T_Change_Neg	LinStatic	28.4919	5.300E-11	5.352E-06
PUENTE 120m	32	42.115	Before	T_Change_Neg	LinStatic	28.4923	5.292E-11	5.352E-06
PUENTE 120m	33	42.115	After	T_Change_Neg	LinStatic	28.4926	5.279E-11	5.352E-06

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Table 38: Bridge Object Forces, Part 1 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	CaseType	P Tonf	V2 Tonf	V3 Tonf
PUENTE 120m	34	45.	Before	T_Change_Neg	LinStatic	28.4926	5.274E-11	5.352E-06
PUENTE 120m	35	45.	After	T_Change_Neg	LinStatic	28.4926	5.298E-11	5.352E-06
PUENTE 120m	36	47.885	Before	T_Change_Neg	LinStatic	28.4926	5.281E-11	5.352E-06
PUENTE 120m	37	47.885	After	T_Change_Neg	LinStatic	28.4923	5.283E-11	5.352E-06
PUENTE 120m	38	50.77	Before	T_Change_Neg	LinStatic	28.4919	5.264E-11	5.352E-06
PUENTE 120m	39	50.77	After	T_Change_Neg	LinStatic	28.4844	5.240E-11	5.352E-06
PUENTE 120m	40	53.655	Before	T_Change_Neg	LinStatic	28.6823	5.247E-11	5.352E-06
PUENTE 120m	41	53.655	After	T_Change_Neg	LinStatic	18.1718	5.257E-11	5.352E-06
PUENTE 120m	42	56.54	Before	T_Change_Neg	LinStatic	14.9539	5.248E-11	5.352E-06
PUENTE 120m	43	56.54	After	T_Change_Neg	LinStatic	14.9855	5.245E-11	5.352E-06
PUENTE 120m	44	59.425	Before	T_Change_Neg	LinStatic	14.9762	5.246E-11	5.352E-06
PUENTE 120m	45	59.425	After	T_Change_Neg	LinStatic	14.973	-1.351E-14	-4.512E-13
PUENTE 120m	46	60.	Before	T_Change_Neg	LinStatic	14.973	-1.996E-14	-7.865E-13
PUENTE 120m	47	60.	After	T_Change_Neg	LinStatic	14.9731	-4.164E-14	-5.666E-14
PUENTE 120m	48	60.575	Before	T_Change_Neg	LinStatic	14.9731	-3.476E-14	-4.581E-14
PUENTE 120m	49	60.575	After	T_Change_Neg	LinStatic	14.9762	1.300E-10	4.916E-06
PUENTE 120m	50	63.46	Before	T_Change_Neg	LinStatic	14.9855	1.300E-10	4.916E-06
PUENTE 120m	51	63.46	After	T_Change_Neg	LinStatic	14.9539	1.300E-10	4.916E-06
PUENTE 120m	52	66.345	Before	T_Change_Neg	LinStatic	18.1718	1.301E-10	4.916E-06
PUENTE 120m	53	66.345	After	T_Change_Neg	LinStatic	28.6823	1.300E-10	4.916E-06
PUENTE 120m	54	69.23	Before	T_Change_Neg	LinStatic	28.4844	1.300E-10	4.916E-06
PUENTE 120m	55	69.23	After	T_Change_Neg	LinStatic	28.4919	1.301E-10	4.916E-06
PUENTE 120m	56	72.115	Before	T_Change_Neg	LinStatic	28.4923	1.301E-10	4.916E-06
PUENTE 120m	57	72.115	After	T_Change_Neg	LinStatic	28.4926	1.299E-10	4.916E-06
PUENTE 120m	58	75.	Before	T_Change_Neg	LinStatic	28.4926	1.303E-10	4.916E-06
PUENTE 120m	59	75.	After	T_Change_Neg	LinStatic	28.4926	1.301E-10	4.916E-06
PUENTE 120m	60	77.885	Before	T_Change_Neg	LinStatic	28.4926	1.303E-10	4.916E-06
PUENTE 120m	61	77.885	After	T_Change_Neg	LinStatic	28.4923	1.301E-10	4.916E-06
PUENTE 120m	62	80.77	Before	T_Change_Neg	LinStatic	28.4919	1.304E-10	4.916E-06
PUENTE 120m	63	80.77	After	T_Change_Neg	LinStatic	28.4844	1.303E-10	4.916E-06

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Table 38: Bridge Object Forces, Part 1 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	CaseType	P Tonf	V2 Tonf	V3 Tonf
PUENTE 120m	64	83.655	Before	T_Change_Neg	LinStatic	28.6823	1.303E-10	4.916E-06
PUENTE 120m	65	83.655	After	T_Change_Neg	LinStatic	18.1718	1.303E-10	4.916E-06
PUENTE 120m	66	86.54	Before	T_Change_Neg	LinStatic	14.9539	1.304E-10	4.916E-06
PUENTE 120m	67	86.54	After	T_Change_Neg	LinStatic	14.9855	1.302E-10	4.916E-06
PUENTE 120m	68	89.425	Before	T_Change_Neg	LinStatic	14.9762	1.302E-10	4.916E-06
PUENTE 120m	69	89.425	After	T_Change_Neg	LinStatic	14.973	-1.654E-13	7.074E-13
PUENTE 120m	70	90.	Before	T_Change_Neg	LinStatic	14.973	-1.677E-13	5.515E-13
PUENTE 120m	71	90.	After	T_Change_Neg	LinStatic	14.9732	-2.252E-14	-2.883E-14
PUENTE 120m	72	90.575	Before	T_Change_Neg	LinStatic	14.9732	-2.285E-14	-3.277E-14
PUENTE 120m	73	90.575	After	T_Change_Neg	LinStatic	14.9765	-1.535E-10	1.219E-05
PUENTE 120m	74	93.5175	Before	T_Change_Neg	LinStatic	14.9866	-1.535E-10	1.219E-05
PUENTE 120m	75	93.5175	After	T_Change_Neg	LinStatic	14.938	-1.534E-10	1.219E-05
PUENTE 120m	76	96.46	Before	T_Change_Neg	LinStatic	19.1886	-1.534E-10	1.219E-05
PUENTE 120m	77	96.46	After	T_Change_Neg	LinStatic	28.6954	-1.534E-10	1.219E-05
PUENTE 120m	78	99.4025	Before	T_Change_Neg	LinStatic	28.4836	-1.532E-10	1.219E-05
PUENTE 120m	79	99.4025	After	T_Change_Neg	LinStatic	28.4917	-1.533E-10	1.219E-05
PUENTE 120m	80	102.345	Before	T_Change_Neg	LinStatic	28.4924	-1.535E-10	1.219E-05
PUENTE 120m	81	102.345	After	T_Change_Neg	LinStatic	28.4925	-1.536E-10	1.219E-05
PUENTE 120m	82	105.2875	Before	T_Change_Neg	LinStatic	28.4926	-1.535E-10	1.219E-05
PUENTE 120m	83	105.2875	After	T_Change_Neg	LinStatic	28.4926	-1.528E-10	1.219E-05
PUENTE 120m	84	108.23	Before	T_Change_Neg	LinStatic	28.4925	-1.529E-10	1.219E-05
PUENTE 120m	85	108.23	After	T_Change_Neg	LinStatic	28.4921	-1.526E-10	1.219E-05
PUENTE 120m	86	111.1725	Before	T_Change_Neg	LinStatic	28.4912	-1.528E-10	1.219E-05
PUENTE 120m	87	111.1725	After	T_Change_Neg	LinStatic	28.4925	-1.527E-10	1.219E-05
PUENTE 120m	88	114.115	Before	T_Change_Neg	LinStatic	27.5195	-1.527E-10	1.219E-05
PUENTE 120m	89	114.115	After	T_Change_Neg	LinStatic	14.9395	-1.528E-10	1.219E-05
PUENTE 120m	90	117.0575	Before	T_Change_Neg	LinStatic	14.9879	-1.528E-10	1.219E-05
PUENTE 120m	91	117.0575	After	T_Change_Neg	LinStatic	14.9773	-1.526E-10	1.219E-05
PUENTE 120m	92	120.	Before	T_Change_Neg	LinStatic	14.9749	-1.526E-10	1.219E-05
PUENTE 120m	1	0.	After	Peatonal	LinStatic	-0.1643	-8.1887	-0.0407

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Table 38: Bridge Object Forces, Part 1 of 3

BridgeObj	BridgeCut	Distance m	LocType	OutputCase	CaseType	P Tonf	V2 Tonf	V3 Tonf
PUENTE 120m	2	2.9425	Before	Peatonal	LinStatic	-0.7751	-7.0588	-0.0407
PUENTE 120m	3	2.9425	After	Peatonal	LinStatic	-1.035	-6.4938	-0.0407
PUENTE 120m	4	5.885	Before	Peatonal	LinStatic	-1.4774	-5.3639	-0.0407
PUENTE 120m	5	5.885	After	Peatonal	LinStatic	-3.056	-4.7989	-0.0407
PUENTE 120m	6	8.8275	Before	Peatonal	LinStatic	-3.7182	-3.669	-0.0407
PUENTE 120m	7	8.8275	After	Peatonal	LinStatic	-4.0001	-3.104	-0.0407
PUENTE 120m	8	11.77	Before	Peatonal	LinStatic	-4.3299	-1.9741	-0.0407
PUENTE 120m	9	11.77	After	Peatonal	LinStatic	-4.4776	-1.4092	-0.0407
PUENTE 120m	10	14.7125	Before	Peatonal	LinStatic	-4.5836	-0.2792	-0.0407
PUENTE 120m	11	14.7125	After	Peatonal	LinStatic	-4.5812	0.2857	-0.0407
PUENTE 120m	12	17.655	Before	Peatonal	LinStatic	-4.4771	1.4156	-0.0407
PUENTE 120m	13	17.655	After	Peatonal	LinStatic	-4.3114	1.9806	-0.0407
PUENTE 120m	14	20.5975	Before	Peatonal	LinStatic	-4.0094	3.1105	-0.0407
PUENTE 120m	15	20.5975	After	Peatonal	LinStatic	-3.6686	3.6755	-0.0407
PUENTE 120m	16	23.54	Before	Peatonal	LinStatic	-3.197	4.8054	-0.0407
PUENTE 120m	17	23.54	After	Peatonal	LinStatic	-1.8611	5.3704	-0.0407
PUENTE 120m	18	26.4825	Before	Peatonal	LinStatic	-1.0618	6.5003	-0.0407
PUENTE 120m	19	26.4825	After	Peatonal	LinStatic	-0.6794	7.0652	-0.0407
PUENTE 120m	20	29.425	Before	Peatonal	LinStatic	-0.2534	8.1952	-0.0407
PUENTE 120m	21	29.425	After	Peatonal	LinStatic	-0.0826	-0.1656	-6.033E-14
PUENTE 120m	22	30.	Before	Peatonal	LinStatic	-0.0826	-0.1656	-5.242E-14
PUENTE 120m	23	30.	After	Peatonal	LinStatic	-0.0796	0.1656	2.760E-14
PUENTE 120m	24	30.575	Before	Peatonal	LinStatic	-0.0796	0.1656	1.085E-13
PUENTE 120m	25	30.575	After	Peatonal	LinStatic	-0.2423	-8.0318	8.784E-04
PUENTE 120m	26	33.46	Before	Peatonal	LinStatic	-0.6515	-6.924	8.784E-04
PUENTE 120m	27	33.46	After	Peatonal	LinStatic	-1.0155	-6.3701	8.784E-04
PUENTE 120m	28	36.345	Before	Peatonal	LinStatic	-1.6957	-5.2622	8.784E-04
PUENTE 120m	29	36.345	After	Peatonal	LinStatic	-3.0545	-4.7083	8.784E-04
PUENTE 120m	30	39.23	Before	Peatonal	LinStatic	-3.5419	-3.6005	8.784E-04
PUENTE 120m	31	39.23	After	Peatonal	LinStatic	-3.8384	-3.0466	8.784E-04

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