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Introduzione

Sistemi di riferimento

Le coordinate, i carichi concentrati, i cedimenti, le reazioni vincolari e gli spostamenti dei NODI sono riferiti ad una terna destra cartesiana globale con l'asse Z verticale rivolto verso l'alto.

I carichi in coordinate locali e le sollecitazioni delle ASTE sono riferite ad una terna destra cartesiana locale così definita:

- origine nel nodo iniziale dell'asta;
 - asse X coincidente con l'asse dell'asta e con verso dal nodo iniziale al nodo finale;
 - immaginando la trave a sezione rettangolare l'asse Y è parallelo alla base e l'asse Z è parallelo all'altezza.
- La rotazione dell'asta comporta quindi una rotazione di tutta la terna locale.

Si può immaginare la terna locale di un'asta comunque disposta nello spazio come derivante da quella globale dopo una serie di trasformazioni:

- una rotazione intorno all'asse Z che porti l'asse X a coincidere con la proiezione dell'asse dell'asta sul piano orizzontale;
- una traslazione lungo il nuovo asse X così definito in modo da portare l'origine a coincidere con la proiezione del nodo iniziale dell'asta sul piano orizzontale;
- una traslazione lungo l'asse Z che porti l'origine a coincidere con il nodo iniziale dell'asta;
- una rotazione intorno all'asse Y così definito che porti l'asse X a coincidere con l'asse dell'asta;
- una rotazione intorno all'asse X così definito pari alla rotazione dell'asta.

In pratica le travi prive di rotazione avranno sempre l'asse Z rivolto verso l'alto e l'asse Y nel piano del solaio, mentre i pilastri privi di rotazione avranno l'asse Y parallelo all'asse Y globale e l'asse Z parallelo ma controverso all'asse X globale. Da notare quindi che per i pilastri la "base" è il lato parallelo a Y.

Le sollecitazioni ed i carichi in coordinate locali negli ELEMENTI BIDIMENSIONALI e nei MURI sono riferiti ad una terna destra cartesiana locale così definita:

- origine nel primo nodo dell'elemento;
- asse X coincidente con la congiungente il primo ed il secondo nodo dell'elemento;
- asse Y definito come prodotto vettoriale fra il versore dell'asse X e il versore della congiungente il primo e il quarto nodo. Asse Z a formare con gli altri due una terna destrorsa.

Praticamente un elemento verticale con l'asse X locale coincidente con l'asse X globale ha anche gli altri assi locali coincidenti con quelli globali.

Rotazioni e momenti

Seguendo il principio adottato per tutti i carichi che sono positivi se CONTROVERSI agli assi, anche i momenti concentrati e le rotazioni impresse in coordinate globali risultano positivi se CONTROVERSI al segno positivo delle rotazioni. Il segno positivo dei momenti e delle rotazioni è quello orario per l'osservatore posto nell'origine: X ruota su Y, Y ruota su Z, Z ruota su X. In pratica è sufficiente adottare la regola della mano destra: col pollice rivolto nella direzione dell'asse, la rotazione che porta a chiudere il palmo della mano corrisponde al segno positivo.

Normativa di riferimento

La normativa di riferimento è la seguente:

- Legge n. 64 del 2/2/1974 - Provvedimenti per le costruzioni con particolari prescrizioni per le zone sismiche.
- Legge n. 1086 del 5/11/1971 - Norme per la disciplina delle opere di conglomerato cementizio armato, normale e precompresso ed a struttura metallica.
- D.M. del 14/1/2008 - Norme tecniche per le costruzioni. Le verifiche degli elementi di fondazione sono eseguite utilizzando l'Approccio 2.
- Circolare n. 617 del 2/2/2009 - Istruzioni per l'applicazione delle "Nuove norme tecniche per le costruzioni" di cui al D.M. del 14/1/2008.

Unità di misura

Le unità di misura adottate sono le seguenti:

- lunghezze : m
- forze : kN
- masse : kg massa
- temperature : gradi centigradi
- angoli : gradi sessadecimali o radianti

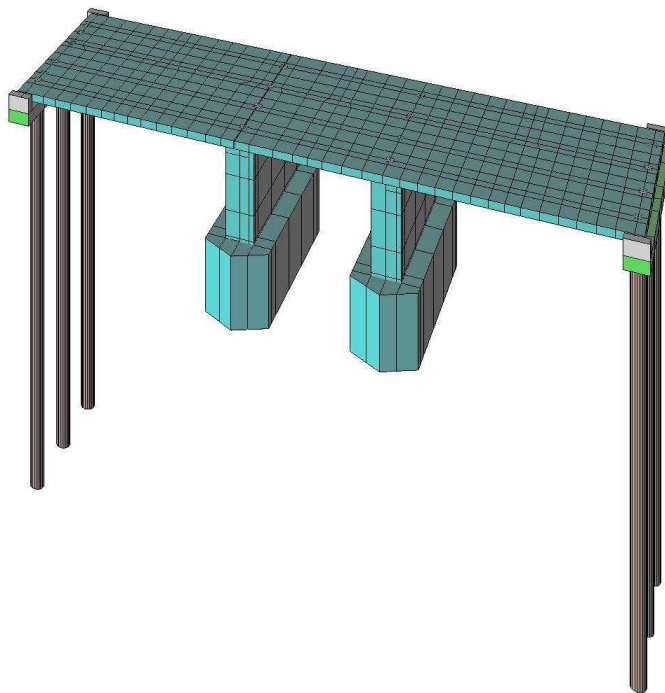


Figura numero 1: Schema strutturale

Geometria

Elenco vincoli nodi

Simbologia

Vn	Comm.	Sx	Sy	Sz	Rx	Ry	Rz	RL	Ly	Lz	Kt
Vn	= Numero del vincolo nodo										
Comm.	= Commento										
Sx	= Spostamento in dir. X (L=libero, B=bloccato, E=elastico)										
Sy	= Spostamento in dir. Y (L=libero, B=bloccato, E=elastico)										
Sz	= Spostamento in dir. Z (L=libero, B=bloccato, E=elastico)										
Rx	= Rotazione intorno all'asse X (L=libera, B=bloccata, E=elastica)										
Ry	= Rotazione intorno all'asse Y (L=libera, B=bloccata, E=elastica)										
Rz	= Rotazione intorno all'asse Z (L=libera, B=bloccata, E=elastica)										
RL	= Rotazione libera										
Ly	= Lunghezza (dir. Y locale)										
Lz	= Larghezza (dir. Z locale)										
Kt	= Coeff. di sottofondo su suolo elastico alla Winkler										

Vn	Comm.	Sx	Sy	Sz	Rx	Ry	Rz	RL	Ly	Lz	Kt
1	Libero	L	L	L	L	L	L				
3	El. sew 110001	B	B	L	L	L	B				
5	Testa pali	E/B	E/B	E/E	E/B	E/B	B/B				f(strat.)

Elenco costanti elastiche nodali

Simbologia

Nodo	Comm.	Kx	Ky	Kz	KRx	KRy
Nodo	= Numero del nodo					
Kx	= Costante elastica in dir. X					
Ky	= Costante elastica in dir. Y					
Kz	= Costante elastica in dir. Z					
KRx	= Costante elastica intorno all'asse X					
KRy	= Costante elastica intorno all'asse Y					

Nodo	Kx	Ky	Kz	KRx	KRy
	<kN/m>	<kN/m>	<kN/m>	<kNm/rad>	<kNm/rad>
3	11718.00	11718.00	67356.40	141850.00	141850.00
6	11718.00	11718.00	67356.40	141850.00	141850.00
17	11718.00	11718.00	67356.40	141850.00	141850.00
20	11718.00	11718.00	67356.40	141850.00	141850.00
23	11718.00	11718.00	67356.40	141850.00	141850.00
24	11718.00	11718.00	67356.40	141850.00	141850.00

Elenco nodi

Simbologia

Nodo	= Numero del nodo
X	= Coordinata X del nodo
Y	= Coordinata Y del nodo
Z	= Coordinata Z del nodo
Imp.	= Numero dell'impalcato
Vn	= Numero del vincolo nodo

Nodo	X <m>	Y <m>	Z <m>	Imp.	Vn	Nodo	X <m>	Y <m>	Z <m>	Imp.	Vn	Nodo	X <m>	Y <m>	Z <m>	Imp.	Vn
-790	33.52	10.80	0.00	0	1	-789	33.05	10.80	0.00	0	1	-788	32.14	10.80	0.00	0	1
-787	31.23	10.80	0.00	0	1	-786	30.32	10.80	0.00	0	1	-785	29.42	10.80	0.00	0	1
-784	28.51	10.80	0.00	0	1	-783	27.40	10.80	0.00	0	1	-782	26.80	10.80	0.00	0	1
-781	26.20	10.80	0.00	0	1	-780	25.09	10.80	0.00	0	1	-779	24.18	10.80	0.00	0	1
-778	23.27	10.80	0.00	0	1	-777	22.37	10.80	0.00	0	1	-776	21.46	10.80	0.00	0	1
-775	20.55	10.80	0.00	0	1	-774	19.41	10.80	0.00	0	1	-773	18.40	10.80	0.00	0	1
-772	17.13	10.80	0.00	0	1	-771	16.52	10.80	0.00	0	1	-770	15.93	10.80	0.00	0	1
-769	14.65	10.80	0.00	0	1	-768	13.10	10.80	0.00	0	1	-767	12.50	10.80	0.00	0	1
-766	12.45	10.80	0.00	0	1	-765	11.90	10.80	0.00	0	1	-764	11.25	10.80	0.00	0	1
-763	9.78	10.80	0.00	0	1	-762	8.87	10.80	0.00	0	1	-761	7.96	10.80	0.00	0	1
-760	6.85	10.80	0.00	0	1	-759	6.25	10.80	0.00	0	1	-758	5.65	10.80	0.00	0	1
-757	4.71	10.80	0.00	0	1	-756	3.77	10.80	0.00	0	1	-755	2.83	10.80	0.00	0	1
-754	1.88	10.80	0.00	0	1	-753	0.73	10.80	0.00	0	1	-752	0.00	10.80	0.00	0	1
-751	-0.47	10.80	0.00	0	1	-750	33.52	9.65	0.00	0	1	-749	33.05	9.65	0.00	0	1
-748	32.14	9.65	0.00	0	1	-747	31.23	9.65	0.00	0	1	-746	30.32	9.65	0.00	0	1
-745	29.42	9.65	0.00	0	1	-744	28.51	9.65	0.00	0	1	-743	27.40	9.65	0.00	0	1
-742	26.80	9.65	0.00	0	1	-741	26.20	9.65	0.00	0	1	-740	25.09	9.65	0.00	0	1
-739	24.18	9.65	0.00	0	1	-738	23.27	9.65	0.00	0	1	-737	22.37	9.65	0.00	0	1
-736	21.46	9.65	0.00	0	1	-735	20.55	9.65	0.00	0	1	-734	19.41	9.65	0.00	0	1
-733	18.40	9.65	0.00	0	1	-732	17.13	9.65	0.00	0	1	-731	16.52	9.65	0.00	0	1
-730	15.93	9.65	0.00	0	1	-729	14.65	9.65	0.00	0	1	-728	13.10	9.65	0.00	0	1
-727	12.50	9.65	0.00	0	1	-726	12.45	9.65	0.00	0	1	-725	11.90	9.65	0.00	0	1
-724	11.25	9.65	0.00	0	1	-723	9.78	9.65	0.00	0	1	-722	8.87	9.65	0.00	0	1
-721	7.96	9.65	0.00	0	1	-720	6.85	9.65	0.00	0	1	-719	6.25	9.65	0.00	0	1
-718	5.65	9.65	0.00	0	1	-717	4.71	9.65	0.00	0	1	-716	3.77	9.65	0.00	0	1
-715	2.83	9.65	0.00	0	1	-714	1.88	9.65	0.00	0	1	-713	0.73	9.65	0.00	0	1
-712	0.00	9.65	0.00	0	1	-711	-0.47	9.65	0.00	0	1	-710	33.52	9.15	0.00	0	1
-709	32.14	9.15	0.00	0	1	-708	31.23	9.15	0.00	0	1	-707	30.32	9.15	0.00	0	1
-706	29.42	9.15	0.00	0	1	-705	28.51	9.15	0.00	0	1	-704	27.40	9.15	0.00	0	1
-703	26.80	9.15	0.00	0	1	-702	26.20	9.15	0.00	0	1	-701	25.09	9.15	0.00	0	1
-700	24.18	9.15	0.00	0	1	-699	23.27	9.15	0.00	0	1	-698	22.37	9.15	0.00	0	1
-697	21.46	9.15	0.00	0	1	-696	19.41	9.15	0.00	0	1	-695	18.40	9.15	0.00	0	1
-694	17.13	9.15	0.00	0	1	-693	16.52	9.15	0.00	0	1	-692	15.93	9.15	0.00	0	1
-691	14.65	9.15	0.00	0	1	-690	13.10	9.15	0.00	0	1	-689	12.45	9.15	0.00	0	1
-688	11.90	9.15	0.00	0	1	-687	11.25	9.15	0.00	0	1	-686	9.78	9.15	0.00	0	1
-685	8.87	9.15	0.00	0	1	-684	7.96	9.15	0.00	0	1	-683	6.85	9.15	0.00	0	1
-682	6.25	9.15	0.00	0	1	-681	5.65	9.15	0.00	0	1	-680	4.71	9.15	0.00	0	1
-679	3.77	9.15	0.00	0	1	-678	2.83	9.15	0.00	0	1	-677	1.88	9.15	0.00	0	1
-676	0.73	9.15	0.00	0	1	-675	-0.47	9.15	0.00	0	1	-674	33.52	8.15	0.00	0	1
-673	33.05	8.15	0.00	0	1	-672	32.14	8.15	0.00	0	1	-671	31.23	8.15	0.00	0	1
-670	30.32	8.15	0.00	0	1	-669	29.42	8.15	0.00	0	1	-668	28.51	8.15	0.00	0	1
-667	27.40	8.15	0.00	0	1	-666	26.80	8.15	0.00	0	1	-665	26.20	8.15	0.00	0	1
-664	25.09	8.15	0.00	0	1	-663	24.18	8.15	0.00	0	1	-662	23.27	8.15	0.00	0	1
-661	22.37	8.15	0.00	0	1	-660	21.46	8.15	0.00	0	1	-659	20.55	8.15	0.00	0	1
-658	19.41	8.15	0.00	0	1	-657	18.40	8.15	0.00	0	1	-656	17.13	8.15	0.00	0	1
-655	16.52	8.15	0.00	0	1	-654	15.93	8.15	0.00	0	1	-653	14.65	8.15	0.00	0	1
-652	13.10	8.15	0.00	0	1	-651	12.50	8.15	0.00	0	1	-650	12.45	8.15	0.00	0	1
-649	11.90	8.15	0.00	0	1	-648	11.25	8.15	0.00	0	1	-647	9.78	8.15	0.00	0	1
-646	8.87	8.15	0.00	0	1	-645	7.96	8.15	0.00	0	1	-644	6.85	8.15	0.00	0	1
-643	6.25	8.15	0.00	0	1	-642	5.65	8.15	0.00	0	1	-641	4.71	8.15	0.00	0	1
-640	3.77	8.15	0.00	0	1	-639	2.83	8.15	0.00	0	1	-638	1.88	8.15	0.00	0	1
-637	0.73	8.15	0.00	0	1	-636	-0.47	8.15	0.00	0	1	-635	33.52	7.15	0.00	0	1
-634	33.05	7.15	0.00	0	1	-633	32.14	7.15	0.00	0	1	-632	31.23	7.15	0.00	0	1
-631	30.32	7.15	0.00	0	1	-630	29.42	7.15	0.00	0	1	-629	28.51	7.15	0.00	0	1
-628	27.40	7.15	0.00	0	1	-627	26.80	7.15	0.00	0	1	-626	26.20	7.15	0.00	0	1
-625	25.09	7.15	0.00	0	1	-624	24.18	7.15	0.00	0	1	-623	23.27	7.15	0.00	0	1
-622	22.37	7.15	0.00	0	1	-621	21.46	7.15	0.00	0	1	-620	20.55	7.15	0.00	0	1
-619	19.41	7.15	0.00	0	1	-618	18.40	7.15	0.00	0	1	-617	17.13	7.15	0.00	0	1
-616	16.52	7.15	0.00	0	1	-615	15.93	7.15	0.00	0	1	-614	14.65	7.15	0.00	0	1
-613	13.10	7.15	0.00	0	1	-612	12.50	7.15	0.00	0	1	-611	12.45	7.15	0.00	0	1
-610	11.90	7.15	0.00	0	1	-609	11.25	7.15	0.00	0	1	-608	9.78	7.15	0.00	0	1
-607	8.87	7.15	0.00	0	1	-606	7.96	7.15	0.00	0	1	-605	6.85	7.15	0.00	0	1
-604	6.25	7.15	0.00	0	1	-603	5.65	7.15	0.00	0	1	-602	4.71	7.15	0.00	0	1
-601	3.77	7.15	0.00	0	1	-600	2.83	7.15	0.00	0	1	-599	1.88	7.15	0.00	0	1
-598	0.73	7.15	0.00	0	1	-597	0.00	7.15	0.00	0	1	-596	-0.47	7.15	0.00	0	1
-595	33.52	6.65	0.00	0	1	-594	32.14	6.65	0.00	0	1	-593	31.23	6.65	0.00	0	1

Relazione di Calcolo – Ponte Torrente Gogna

-592	30.32	6.65	0.00	0	1	-591	29.42	6.65	0.00	0	1	-590	28.51	6.65	0.00	0	1
-589	27.40	6.65	0.00	0	1	-588	26.80	6.65	0.00	0	1	-587	26.20	6.65	0.00	0	1
-586	25.09	6.65	0.00	0	1	-585	24.18	6.65	0.00	0	1	-584	23.27	6.65	0.00	0	1
-583	22.37	6.65	0.00	0	1	-582	21.46	6.65	0.00	0	1	-581	19.41	6.65	0.00	0	1
-580	18.40	6.65	0.00	0	1	-579	17.13	6.65	0.00	0	1	-578	16.52	6.65	0.00	0	1
-577	15.93	6.65	0.00	0	1	-576	14.65	6.65	0.00	0	1	-575	13.10	6.65	0.00	0	1
-574	12.45	6.65	0.00	0	1	-573	11.90	6.65	0.00	0	1	-572	11.25	6.65	0.00	0	1
-571	9.78	6.65	0.00	0	1	-570	8.87	6.65	0.00	0	1	-569	7.96	6.65	0.00	0	1
-568	6.85	6.65	0.00	0	1	-567	6.25	6.65	0.00	0	1	-566	5.65	6.65	0.00	0	1
-565	4.71	6.65	0.00	0	1	-564	3.77	6.65	0.00	0	1	-563	2.83	6.65	0.00	0	1
-562	1.88	6.65	0.00	0	1	-561	0.73	6.65	0.00	0	1	-560	-0.47	6.65	0.00	0	1
-559	33.52	6.15	0.00	0	1	-558	33.05	6.15	0.00	0	1	-557	32.14	6.15	0.00	0	1
-556	31.23	6.15	0.00	0	1	-555	30.32	6.15	0.00	0	1	-554	29.42	6.15	0.00	0	1
-553	28.51	6.15	0.00	0	1	-552	27.60	6.15	0.00	0	1	-551	26.80	6.15	0.00	0	1
-550	26.00	6.15	0.00	0	1	-549	25.09	6.15	0.00	0	1	-548	24.18	6.15	0.00	0	1
-547	23.27	6.15	0.00	0	1	-546	22.37	6.15	0.00	0	1	-545	21.46	6.15	0.00	0	1
-544	20.55	6.15	0.00	0	1	-543	19.44	6.15	0.00	0	1	-542	18.40	6.15	0.00	0	1
-541	17.32	6.15	0.00	0	1	-540	16.52	6.15	0.00	0	1	-539	15.73	6.15	0.00	0	1
-538	14.65	6.15	0.00	0	1	-537	13.30	6.15	0.00	0	1	-536	12.50	6.15	0.00	0	1
-535	12.45	6.15	0.00	0	1	-534	11.70	6.15	0.00	0	1	-533	10.85	6.15	0.00	0	1
-532	9.78	6.15	0.00	0	1	-531	8.87	6.15	0.00	0	1	-530	7.96	6.15	0.00	0	1
-529	7.05	6.15	0.00	0	1	-528	6.25	6.15	0.00	0	1	-527	5.45	6.15	0.00	0	1
-526	4.71	6.15	0.00	0	1	-525	3.77	6.15	0.00	0	1	-524	2.83	6.15	0.00	0	1
-523	1.88	6.15	0.00	0	1	-522	1.13	6.15	0.00	0	1	-521	0.00	6.15	0.00	0	1
-520	-0.47	6.15	0.00	0	1	-519	33.52	5.15	0.00	0	1	-518	33.05	5.15	0.00	0	1
-517	32.14	5.15	0.00	0	1	-516	31.23	5.15	0.00	0	1	-515	30.32	5.15	0.00	0	1
-514	29.42	5.15	0.00	0	1	-513	28.51	5.15	0.00	0	1	-512	27.60	5.15	0.00	0	1
-511	26.80	5.15	0.00	0	1	-510	26.00	5.15	0.00	0	1	-509	25.09	5.15	0.00	0	1
-508	24.18	5.15	0.00	0	1	-507	23.27	5.15	0.00	0	1	-506	22.37	5.15	0.00	0	1
-505	21.46	5.15	0.00	0	1	-504	20.55	5.15	0.00	0	1	-503	19.48	5.15	0.00	0	1
-502	18.40	5.15	0.00	0	1	-501	17.32	5.15	0.00	0	1	-500	16.52	5.15	0.00	0	1
-499	15.73	5.15	0.00	0	1	-498	14.65	5.15	0.00	0	1	-497	13.30	5.15	0.00	0	1
-496	12.50	5.15	0.00	0	1	-495	12.45	5.15	0.00	0	1	-494	11.70	5.15	0.00	0	1
-493	10.85	5.15	0.00	0	1	-492	9.78	5.15	0.00	0	1	-491	8.87	5.15	0.00	0	1
-490	7.96	5.15	0.00	0	1	-489	7.05	5.15	0.00	0	1	-488	6.25	5.15	0.00	0	1
-487	5.45	5.15	0.00	0	1	-486	4.71	5.15	0.00	0	1	-485	3.77	5.15	0.00	0	1
-484	2.83	5.15	0.00	0	1	-483	1.88	5.15	0.00	0	1	-482	1.13	5.15	0.00	0	1
-481	0.00	5.15	0.00	0	1	-480	-0.47	5.15	0.00	0	1	-479	33.52	4.15	0.00	0	1
-478	32.14	4.15	0.00	0	1	-477	31.23	4.15	0.00	0	1	-476	30.32	4.15	0.00	0	1
-475	29.42	4.15	0.00	0	1	-474	28.51	4.15	0.00	0	1	-473	27.60	4.15	0.00	0	1
-472	26.80	4.15	0.00	0	1	-471	26.00	4.15	0.00	0	1	-470	25.09	4.15	0.00	0	1
-469	24.18	4.15	0.00	0	1	-468	23.27	4.15	0.00	0	1	-467	22.37	4.15	0.00	0	1
-466	21.46	4.15	0.00	0	1	-465	19.48	4.15	0.00	0	1	-464	18.40	4.15	0.00	0	1
-463	17.32	4.15	0.00	0	1	-462	16.52	4.15	0.00	0	1	-461	15.73	4.15	0.00	0	1
-460	14.65	4.15	0.00	0	1	-459	13.30	4.15	0.00	0	1	-458	12.45	4.15	0.00	0	1
-457	11.70	4.15	0.00	0	1	-456	10.85	4.15	0.00	0	1	-455	9.78	4.15	0.00	0	1
-454	8.87	4.15	0.00	0	1	-453	7.96	4.15	0.00	0	1	-452	7.05	4.15	0.00	0	1
-451	6.25	4.15	0.00	0	1	-450	5.45	4.15	0.00	0	1	-449	4.71	4.15	0.00	0	1
-448	3.77	4.15	0.00	0	1	-447	2.83	4.15	0.00	0	1	-446	1.88	4.15	0.00	0	1
-445	1.13	4.15	0.00	0	1	-444	-0.47	4.15	0.00	0	1	-443	33.52	3.65	0.00	0	1
-442	33.05	3.65	0.00	0	1	-441	32.14	3.65	0.00	0	1	-440	31.23	3.65	0.00	0	1
-439	30.32	3.65	0.00	0	1	-438	29.42	3.65	0.00	0	1	-437	28.51	3.65	0.00	0	1
-436	27.60	3.65	0.00	0	1	-435	26.80	3.65	0.00	0	1	-434	26.00	3.65	0.00	0	1
-433	25.09	3.65	0.00	0	1	-432	24.18	3.65	0.00	0	1	-431	23.27	3.65	0.00	0	1
-430	22.37	3.65	0.00	0	1	-429	21.46	3.65	0.00	0	1	-428	20.55	3.65	0.00	0	1
-427	19.48	3.65	0.00	0	1	-426	18.40	3.65	0.00	0	1	-425	17.32	3.65	0.00	0	1
-424	16.52	3.65	0.00	0	1	-423	15.73	3.65	0.00	0	1	-422	14.65	3.65	0.00	0	1
-421	13.30	3.65	0.00	0	1	-420	12.50	3.65	0.00	0	1	-419	12.45	3.65	0.00	0	1
-418	11.70	3.65	0.00	0	1	-417	10.85	3.65	0.00	0	1	-416	9.78	3.65	0.00	0	1
-415	8.87	3.65	0.00	0	1	-414	7.96	3.65	0.00	0	1	-413	7.05	3.65	0.00	0	1
-412	6.25	3.65	0.00	0	1	-411	5.45	3.65	0.00	0	1	-410	4.71	3.65	0.00	0	1
-409	3.77	3.65	0.00	0	1	-408	2.83	3.65	0.00	0	1	-407	1.88	3.65	0.00	0	1
-406	1.13	3.65	0.00	0	1	-405	0.00	3.65	0.00	0	1	-404	-0.47	3.65	0.00	0	1
-403	33.52	2.48	0.00	0	1	-402	33.05	2.48	0.00	0	1	-401	32.14	2.48	0.00	0	1
-400	31.23	2.48	0.00	0	1	-399	30.32	2.48	0.00	0	1	-398	29.42	2.48	0.00	0	1
-397	28.51	2.48	0.00	0	1	-396	27.60	2.48	0.00	0	1	-395	26.80	2.48	0.00	0	1
-394	26.00	2.48	0.00	0	1	-393	25.09	2.48	0.00	0	1	-392	24.18	2.48	0.00	0	1
-391	23.27	2.48	0.00	0	1	-390	22.37	2.48	0.00	0	1	-389	21.46	2.48	0.00	0	1
-388	20.55	2.48	0.00	0	1	-387	19.48	2.48	0.00	0	1	-386	18.40	2.48	0.00	0	1
-385	17.32	2.48	0.00	0	1	-384	16.52	2.48	0.00	0	1	-383	15.73	2.48	0.00	0	1
-382	14.65	2.48	0.00	0	1	-381	13.30	2.48	0.00	0	1	-380	12.50	2.48	0.00	0	1
-379	12.45	2.48	0.00	0	1	-378	11.70	2.48	0.00	0	1	-377	10.85	2.48	0.00	0	1
-376	9.78	2.48	0.00	0	1	-375	8.87	2.48	0.00	0	1	-374	7.96	2.48	0.00	0	1
-373	7.05	2.48	0.00	0	1	-372	6.25	2.48	0.00	0	1	-371	5.45	2.48	0.00	0	1
-370	4.71	2.48	0.00	0	1	-369	3.77	2.48	0.00	0	1	-368	2.83	2.48	0.00	0	1
-367	1.88	2.48	0.00	0	1	-366	1.13	2.48	0.00	0	1	-365	-0.47	2.48	0.00	0	1
-364	33.52	1.65	0.00	0	1	-363	32.14	1.65	0.00	0	1	-362	31.23	1.65	0.00	0	1
-361	30.32	1.65	0.00	0	1	-360	29.42	1.65	0.00	0	1	-359	28.51	1.65	0.00	0	1
-358	27.60	1.65	0.00	0	1	-357	26.80	1.65	0.00	0	1	-356	26.00	1.65	0.00	0	1

Relazione di Calcolo – Ponte Torrente Gogna

-355	25.09	1.65	0.00	0	1	-354	24.18	1.65	0.00	0	1	-353	23.27	1.65	0.00	0	1
-352	22.37	1.65	0.00	0	1	-351	21.46	1.65	0.00	0	1	-350	19.48	1.65	0.00	0	1
-349	18.40	1.65	0.00	0	1	-348	17.32	1.65	0.00	0	1	-347	16.52	1.65	0.00	0	1
-346	15.73	1.65	0.00	0	1	-345	14.65	1.65	0.00	0	1	-344	13.30	1.65	0.00	0	1
-343	12.45	1.65	0.00	0	1	-342	11.70	1.65	0.00	0	1	-341	10.85	1.65	0.00	0	1
-340	9.78	1.65	0.00	0	1	-339	8.87	1.65	0.00	0	1	-338	7.96	1.65	0.00	0	1
-337	7.05	1.65	0.00	0	1	-336	6.25	1.65	0.00	0	1	-335	5.45	1.65	0.00	0	1
-334	4.71	1.65	0.00	0	1	-333	3.77	1.65	0.00	0	1	-332	2.83	1.65	0.00	0	1
-331	1.88	1.65	0.00	0	1	-330	1.13	1.65	0.00	0	1	-329	-0.47	1.65	0.00	0	1
-328	33.52	1.15	0.00	0	1	-327	33.05	1.15	0.00	0	1	-326	32.14	1.15	0.00	0	1
-325	31.23	1.15	0.00	0	1	-324	30.32	1.15	0.00	0	1	-323	29.42	1.15	0.00	0	1
-322	28.51	1.15	0.00	0	1	-321	27.60	1.15	0.00	0	1	-320	26.80	1.15	0.00	0	1
-319	26.00	1.15	0.00	0	1	-318	25.09	1.15	0.00	0	1	-317	24.18	1.15	0.00	0	1
-316	23.27	1.15	0.00	0	1	-315	22.37	1.15	0.00	0	1	-314	21.46	1.15	0.00	0	1
-313	20.55	1.15	0.00	0	1	-312	19.48	1.15	0.00	0	1	-311	18.40	1.15	0.00	0	1
-310	17.32	1.15	0.00	0	1	-309	16.52	1.15	0.00	0	1	-308	15.73	1.15	0.00	0	1
-307	14.65	1.15	0.00	0	1	-306	13.30	1.15	0.00	0	1	-305	12.50	1.15	0.00	0	1
-304	12.45	1.15	0.00	0	1	-303	11.70	1.15	0.00	0	1	-302	10.85	1.15	0.00	0	1
-301	9.78	1.15	0.00	0	1	-300	8.87	1.15	0.00	0	1	-299	7.96	1.15	0.00	0	1
-298	7.05	1.15	0.00	0	1	-297	6.25	1.15	0.00	0	1	-296	5.45	1.15	0.00	0	1
-295	4.71	1.15	0.00	0	1	-294	3.77	1.15	0.00	0	1	-293	2.83	1.15	0.00	0	1
-292	1.88	1.15	0.00	0	1	-291	1.13	1.15	0.00	0	1	-290	0.00	1.15	0.00	0	1
-289	-0.47	1.15	0.00	0	1	-288	33.52	0.00	0.00	0	1	-287	32.14	0.00	0.00	0	1
-286	31.23	0.00	0.00	0	1	-285	30.32	0.00	0.00	0	1	-284	29.42	0.00	0.00	0	1
-283	28.51	0.00	0.00	0	1	-282	27.60	0.00	0.00	0	1	-281	26.80	0.00	0.00	0	1
-280	26.00	0.00	0.00	0	1	-279	25.09	0.00	0.00	0	1	-278	24.18	0.00	0.00	0	1
-277	23.27	0.00	0.00	0	1	-276	22.37	0.00	0.00	0	1	-275	21.46	0.00	0.00	0	1
-274	20.55	0.00	0.00	0	1	-273	19.48	0.00	0.00	0	1	-272	18.40	0.00	0.00	0	1
-271	17.32	0.00	0.00	0	1	-270	16.52	0.00	0.00	0	1	-269	15.73	0.00	0.00	0	1
-268	14.65	0.00	0.00	0	1	-267	13.30	0.00	0.00	0	1	-266	12.50	0.00	0.00	0	1
-265	12.45	0.00	0.00	0	1	-264	11.70	0.00	0.00	0	1	-263	10.85	0.00	0.00	0	1
-262	9.78	0.00	0.00	0	1	-261	8.87	0.00	0.00	0	1	-260	7.96	0.00	0.00	0	1
-259	7.05	0.00	0.00	0	1	-258	6.25	0.00	0.00	0	1	-257	5.45	0.00	0.00	0	1
-256	4.71	0.00	0.00	0	1	-255	3.77	0.00	0.00	0	1	-254	2.83	0.00	0.00	0	1
-253	1.88	0.00	0.00	0	1	-252	1.13	0.00	0.00	0	1	-251	-0.47	0.00	0.00	0	1
-250	0.00	8.15	-0.50	0	1	-249	0.00	2.48	-0.50	0	1	-248	21.35	9.95	-0.85	0	1
-247	20.55	9.95	-0.85	0	1	-246	19.75	9.95	-0.85	0	1	-245	13.30	9.95	-0.85	0	1
-244	12.50	9.95	-0.85	0	1	-243	11.70	9.95	-0.85	0	1	-242	21.35	9.15	-0.85	0	1
-241	19.75	9.15	-0.85	0	1	-240	13.30	9.15	-0.85	0	1	-239	11.70	9.15	-0.85	0	1
-238	21.35	6.65	-0.85	0	1	-237	19.75	6.65	-0.85	0	1	-236	13.30	6.65	-0.85	0	1
-235	11.70	6.65	-0.85	0	1	-234	21.35	4.15	-0.85	0	1	-233	19.75	4.15	-0.85	0	1
-232	13.30	4.15	-0.85	0	1	-231	11.70	4.15	-0.85	0	1	-230	21.35	1.65	-0.85	0	1
-229	19.75	1.65	-0.85	0	1	-228	13.30	1.65	-0.85	0	1	-227	11.70	1.65	-0.85	0	1
-226	21.35	0.85	-0.85	0	1	-225	20.55	0.85	-0.85	0	1	-224	19.75	0.85	-0.85	0	1
-223	13.30	0.85	-0.85	0	1	-222	12.50	0.85	-0.85	0	1	-221	11.70	0.85	-0.85	0	1
-220	21.35	9.95	-2.37	0	1	-219	20.55	9.95	-2.37	0	1	-218	19.75	9.95	-2.37	0	1
-217	13.30	9.95	-2.37	0	1	-216	12.50	9.95	-2.37	0	1	-215	11.70	9.95	-2.37	0	1
-214	21.35	9.15	-2.37	0	1	-213	19.75	9.15	-2.37	0	1	-212	13.30	9.15	-2.37	0	1
-211	11.70	9.15	-2.37	0	1	-210	21.35	6.65	-2.37	0	1	-209	19.75	6.65	-2.37	0	1
-208	13.30	6.65	-2.37	0	1	-207	11.70	6.65	-2.37	0	1	-206	21.35	4.15	-2.37	0	1
-205	19.75	4.15	-2.37	0	1	-204	13.30	4.15	-2.37	0	1	-203	11.70	4.15	-2.37	0	1
-202	21.35	1.65	-2.37	0	1	-201	19.75	1.65	-2.37	0	1	-200	13.30	1.65	-2.37	0	1
-199	11.70	1.65	-2.37	0	1	-198	21.35	0.85	-2.37	0	1	-197	20.55	0.85	-2.37	0	1
-196	19.75	0.85	-2.37	0	1	-195	13.30	0.85	-2.37	0	1	-194	12.50	0.85	-2.37	0	1
-193	11.70	0.85	-2.37	0	1	-192	21.35	9.95	-4.33	0	1	-191	20.55	9.95	-4.33	0	1
-190	19.75	9.95	-4.33	0	1	-189	13.30	9.95	-4.33	0	1	-188	12.50	9.95	-4.33	0	1
-187	11.70	9.95	-4.33	0	1	-186	21.35	9.15	-4.33	0	1	-185	19.75	9.15	-4.33	0	1
-184	13.30	9.15	-4.33	0	1	-183	11.70	9.15	-4.33	0	1	-182	21.35	6.65	-4.33	0	1
-181	19.75	6.65	-4.33	0	1	-180	13.30	6.65	-4.33	0	1	-179	11.70	6.65	-4.33	0	1
-178	21.35	4.15	-4.33	0	1	-177	19.75	4.15	-4.33	0	1	-176	13.30	4.15	-4.33	0	1
-175	11.70	4.15	-4.33	0	1	-174	21.35	1.65	-4.33	0	1	-173	19.75	1.65	-4.33	0	1
-172	13.30	1.65	-4.33	0	1	-171	11.70	1.65	-4.33	0	1	-170	21.35	0.85	-4.33	0	1
-169	20.55	0.85	-4.33	0	1	-168	19.75	0.85	-4.33	0	1	-167	13.30	0.85	-4.33	0	1
-166	12.50	0.85	-4.33	0	1	-165	11.70	0.85	-4.33	0	1	-164	21.35	9.95	-5.75	0	1
-163	20.55	9.95	-5.75	0	1	-162	19.75	9.95	-5.75	0	1	-161	13.30	9.95	-5.75	0	1
-160	12.50	9.95	-5.75	0	1	-159	11.70	9.95	-5.75	0	1	-158	21.35	9.15	-5.75	0	1
-157	19.75	9.15	-5.75	0	1	-156	13.30	9.15	-5.75	0	1	-155	11.70	9.15	-5.75	0	1
-154	21.35	6.65	-5.75	0	1	-153	19.75	6.65	-5.75	0	1	-152	13.30	6.65	-5.75	0	1
-151	11.70	6.65	-5.75	0	1	-150	21.35	4.15	-5.75	0	1	-149	19.75	4.15	-5.75	0	1
-148	13.30	4.15	-5.75	0	1	-147	11.70	4.15	-5.75	0	1	-146	21.35	1.65	-5.75	0	1
-145	19.75	1.65	-5.75	0	1	-144	13.30	1.65	-5.75	0	1	-143	11.70	1.65	-5.75	0	1
-142	21.35	0.85	-5.75	0	1	-141	20.55	0.85	-5.75	0	1	-140	19.75	0.85	-5.75	0	1
-139	13.30	0.85	-5.75	0	1	-138	12.50	0.85	-5.75	0	1	-137	11.70	0.85	-5.75	0	1
-136	21.35	9.95	-6.87	0	1	-135	20.55	9.95	-6.87	0	1	-134	19.75	9.95	-6.87	0	1
-133	13.30	9.95	-6.87	0	1	-132	12.50	9.95	-6.87	0	1	-131	11.70	9.95	-6.87	0	1
-130	21.35	9.15	-6.87	0	1	-129	19.75	9.15	-6.87	0	1	-128	13.30	9.15	-6.87	0	1
-127	11.70	9.15	-6.87	0	1	-126	21.35	6.65	-6.87	0	1	-125	19.75	6.65	-6.87	0	1
-124	13.30	6.65	-6.87	0	1	-123	11.70	6.65	-6.87	0	1	-122	21.35	4.15	-6.87	0	1
-121	19.75	4.15	-6.87	0	1	-120	13.30	4.15	-6.87	0	1	-119	11.70	4.15	-6.87	0	1

Relazione di Calcolo – Ponte Torrente Gogna

-118	21.35	1.65	-6.87	0	1	-117	19.75	1.65	-6.87	0	1	-116	13.30	1.65	-6.87	0	1
-115	11.70	1.65	-6.87	0	1	-114	21.35	0.85	-6.87	0	1	-113	20.55	0.85	-6.87	0	1
-112	19.75	0.85	-6.87	0	1	-111	13.30	0.85	-6.87	0	1	-110	12.50	0.85	-6.87	0	1
-109	11.70	0.85	-6.87	0	1	-108	21.35	9.95	-8.28	0	1	-107	20.55	9.95	-8.28	0	1
-106	19.75	9.95	-8.28	0	1	-105	13.30	9.95	-8.28	0	1	-104	12.50	9.95	-8.28	0	1
-103	11.70	9.95	-8.28	0	1	-102	21.35	9.15	-8.28	0	1	-101	19.75	9.15	-8.28	0	1
-100	13.30	9.15	-8.28	0	1	-99	11.70	9.15	-8.28	0	1	-98	21.35	6.65	-8.28	0	1
-97	19.75	6.65	-8.28	0	1	-96	13.30	6.65	-8.28	0	1	-95	11.70	6.65	-8.28	0	1
-94	21.35	4.15	-8.28	0	1	-93	19.75	4.15	-8.28	0	1	-92	13.30	4.15	-8.28	0	1
-91	11.70	4.15	-8.28	0	1	-90	21.35	1.65	-8.28	0	1	-89	19.75	1.65	-8.28	0	1
-88	13.30	1.65	-8.28	0	1	-87	11.70	1.65	-8.28	0	1	-86	21.35	0.85	-8.28	0	1
-85	20.55	0.85	-8.28	0	1	-84	19.75	0.85	-8.28	0	1	-83	13.30	0.85	-8.28	0	1
-82	12.50	0.85	-8.28	0	1	-81	11.70	0.85	-8.28	0	1	-80	20.55	11.45	-9.90	0	3
-79	12.50	11.45	-9.90	0	3	-78	21.35	11.01	-9.90	0	3	-77	19.75	11.01	-9.90	0	3
-76	13.30	11.01	-9.90	0	3	-75	11.70	11.01	-9.90	0	3	-74	22.35	10.45	-9.90	0	3
-73	18.75	10.45	-9.90	0	3	-72	14.30	10.45	-9.90	0	3	-71	10.70	10.45	-9.90	0	3
-70	22.35	9.95	-9.90	0	3	-69	21.35	9.95	-9.90	0	3	-68	20.55	9.95	-9.90	0	3
-67	19.75	9.95	-9.90	0	3	-66	18.75	9.95	-9.90	0	3	-65	14.30	9.95	-9.90	0	3
-64	13.30	9.95	-9.90	0	3	-63	12.50	9.95	-9.90	0	3	-62	11.70	9.95	-9.90	0	3
-61	10.70	9.95	-9.90	0	3	-60	22.35	9.15	-9.90	0	3	-59	21.35	9.15	-9.90	0	3
-58	20.55	9.15	-9.90	0	3	-57	19.75	9.15	-9.90	0	3	-56	18.75	9.15	-9.90	0	3
-55	14.30	9.15	-9.90	0	3	-54	13.30	9.15	-9.90	0	3	-53	12.50	9.15	-9.90	0	3
-52	11.70	9.15	-9.90	0	3	-51	10.70	9.15	-9.90	0	3	-50	22.35	6.65	-9.90	0	3
-49	21.35	6.65	-9.90	0	3	-48	20.55	6.65	-9.90	0	3	-47	19.75	6.65	-9.90	0	3
-46	18.75	6.65	-9.90	0	3	-45	14.30	6.65	-9.90	0	3	-44	13.30	6.65	-9.90	0	3
-43	12.50	6.65	-9.90	0	3	-42	11.70	6.65	-9.90	0	3	-41	10.70	6.65	-9.90	0	3
-40	22.35	4.15	-9.90	0	3	-39	21.35	4.15	-9.90	0	3	-38	20.55	4.15	-9.90	0	3
-37	19.75	4.15	-9.90	0	3	-36	18.75	4.15	-9.90	0	3	-35	14.30	4.15	-9.90	0	3
-34	13.30	4.15	-9.90	0	3	-33	12.50	4.15	-9.90	0	3	-32	11.70	4.15	-9.90	0	3
-31	10.70	4.15	-9.90	0	3	-30	22.35	1.65	-9.90	0	3	-29	21.35	1.65	-9.90	0	3
-28	20.55	1.65	-9.90	0	3	-27	19.75	1.65	-9.90	0	3	-26	18.75	1.65	-9.90	0	3
-25	14.30	1.65	-9.90	0	3	-24	13.30	1.65	-9.90	0	3	-23	12.50	1.65	-9.90	0	3
-22	11.70	1.65	-9.90	0	3	-21	10.70	1.65	-9.90	0	3	-20	22.35	0.85	-9.90	0	3
-19	21.35	0.85	-9.90	0	3	-18	20.55	0.85	-9.90	0	3	-17	19.75	0.85	-9.90	0	3
-16	18.75	0.85	-9.90	0	3	-15	14.30	0.85	-9.90	0	3	-14	13.30	0.85	-9.90	0	3
-13	12.50	0.85	-9.90	0	3	-12	11.70	0.85	-9.90	0	3	-11	10.70	0.85	-9.90	0	3
-10	22.35	0.35	-9.90	0	3	-9	18.75	0.35	-9.90	0	3	-8	14.30	0.35	-9.90	0	3
-7	10.70	0.35	-9.90	0	3	-6	21.35	-0.21	-9.90	0	3	-5	19.75	-0.21	-9.90	0	3
-4	13.30	-0.21	-9.90	0	3	-3	11.70	-0.21	-9.90	0	3	-2	20.55	-0.65	-9.90	0	3
-1	12.50	-0.65	-9.90	0	3	1	0.00	-0.60	-0.85	0	1	2	33.05	-0.60	-0.85	0	1
3	0.00	1.65	-0.85	0	5	4	12.50	1.65	-0.85	0	1	5	20.55	1.65	-0.85	0	1
6	33.05	1.65	-0.85	0	5	7	0.00	2.48	-0.85	0	1	8	0.00	4.15	-0.85	0	1
9	12.50	4.15	-0.85	0	1	10	20.55	4.15	-0.85	0	1	11	33.05	4.15	-0.85	0	1
12	0.00	6.65	-0.85	0	1	13	12.50	6.65	-0.85	0	1	14	20.55	6.65	-0.85	0	1
15	33.05	6.65	-0.85	0	1	16	0.00	8.15	-0.85	0	1	17	0.00	9.15	-0.85	0	5
18	12.50	9.15	-0.85	0	1	19	20.55	9.15	-0.85	0	1	20	33.05	9.15	-0.85	0	5
21	0.00	11.40	-0.85	0	1	22	33.05	11.40	-0.85	0	1	23	0.00	5.40	-0.85	0	5
24	33.05	5.40	-0.85	0	5	25	0.00	-0.60	0.00	0	1	26	33.05	-0.60	0.00	0	1
27	0.00	0.00	0.00	0	1	28	33.05	0.00	0.00	0	1	29	0.00	1.65	0.00	0	1
30	12.50	1.65	0.00	0	1	31	20.55	1.65	0.00	0	1	32	33.05	1.65	0.00	0	1
33	0.00	2.48	0.00	0	1	34	0.00	4.15	0.00	0	1	35	12.50	4.15	0.00	0	1
36	20.55	4.15	0.00	0	1	37	33.05	4.15	0.00	0	1	38	0.00	6.65	0.00	0	1
39	12.50	6.65	0.00	0	1	40	20.55	6.65	0.00	0	1	41	33.05	6.65	0.00	0	1
42	0.00	8.15	0.00	0	1	43	0.00	9.15	0.00	0	1	44	12.50	9.15	0.00	0	1
45	20.55	9.15	0.00	0	1	46	33.05	9.15	0.00	0	1	47	0.00	11.40	0.00	0	1
48	33.05	11.40	0.00	0	1												

Elenco materiali

Simbologia

Mat.	= Numero del materiale
Comm.	= Commento
P	= Peso specifico
E	= Modulo elastico
G	= Modulo elastico tangenziale
v	= Coeff. di Poisson
α	= Coeff. di dilatazione termica

Mat.	Comm.	P <kN/mc>	E <kN/mq>	G <kN/mq>	v	α
1	Calcestruzzo	25	30000000.00	13000000.00	0.1	1.000000E-005
2	Acciaio	78.5	210000000.00	80000000.00	0.3	1.000000E-005
6	Comma Armata	10	10000000.00	10000.00	0.1	1.000000E-005
7	Materiale ausiliario	0.000000E+000	210000000.00	80000000.00	0.3	1.000000E-005

Elenco sezioni aste

Simbologia

Relazione di Calcolo – Ponte Torrente Gogna

Sez.	=	Numero della sezione
Comm.	=	Commento
Tipo	=	Tipologia
		2C = Doppia C lato labbri
		2Cdx = Doppia C lato costola
		2I = Doppia I
		2L = Doppia L lato labbri
		2Ldx = Doppia L lato costole
		C = C
		Cdx = C destra
		Cir. = Circolare
		Cir.c = Circolare cava
		I = I
		L = L
		Ldx = L destra
		Om. = Omega
		Pg = Pi greco
		Pr = Poligono regolare
		Prc = Poligono regolare cavo
		Pc = Per coordinate
		Ia = Inerzie assegnate
		R = Rettangolare
		Rc = Rettangolare cava
		T = T
		U = U
		Ur = U rovescia
		V = V
		Vr = V rovescia
		Z = Z
		Zdx = Z destra
		Ts = T stondata
		Ls = L stondata
		Cs = C stondata
		Is = I stondata
		Dis. = Disegnata
Me	=	Membratura
		G = Generica
		T = Trave
		P = Pilastro
Ver.	=	Verifica prevista
		N = Nessuna
		C = Cemento armato
		A = Acciaio
		L = Legno
B	=	Base
H	=	Altezza
s	=	Spessore ala
a	=	Spessore anima
r	=	Raggio raccordo anima-ala
r1	=	Raggio in testa ala
Area	=	Area
Chy	=	Fattore di taglio rispetto all'asse Y
Chz	=	Fattore di taglio rispetto all'asse Z
Jx	=	Momento d'inerzia rispetto all'asse X
Jy	=	Momento d'inerzia rispetto all'asse Y
Jz	=	Momento d'inerzia rispetto all'asse Z
Ma	=	Numero del materiale
C	=	Numero del criterio di progetto
Ccol	=	Numero del criterio di progetto collegamento

Sez.	Comm.	Tipo	Me	Ver.	B <m>	H <m>	s <m>	a <m>	r <m>	r1 <m>	Area <mq>	Chy	Chz	Jx <m4>	Jy <m4>	Jz <m4>	Ma	C	Ccol
2		R	T	C	1.25	0.70											1	1	
3		R	G	N	0.40	0.40											1		
5	HEB300	Is	G	A	0.30	0.30	0.02	0.01	0.03	0.00							2	1	1
6		R	G	C	0.50	1.25											1	3	
7	Ritegno Sismico	Ia	G	N							1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	7		

Elenco vincoli aste

Simbologia

Va	=	Numero del vincolo asta
Comm.	=	Commento
Tipo	=	Tipologia
		SVI = Definizione di vincolamenti interni
		ELA = Vincolo su suolo elastico alla Winkler
		BIE-RTC = Biella resistente a trazione e a compressione
		BIE-RC = Biella resistente solo a compressione
		BIE-RT = Biella resistente solo a trazione

Relazione di Calcolo – Ponte Torrente Gogna

Ni	= Sforzo normale nodo iniziale (0=sbloccato, 1=bloccato)
Tyi	= Taglio in dir. Y locale nodo iniziale (0=sbloccato, 1=bloccato)
Tzi	= Taglio in dir. Z locale nodo iniziale (0=sbloccato, 1=bloccato)
Mxi	= Momento intorno all'asse X locale nodo iniziale (0=sbloccato, 1=bloccato)
Myi	= Momento intorno all'asse Y locale nodo iniziale (0=sbloccato, 1=bloccato)
Mzi	= Momento intorno all'asse Z locale nodo iniziale (0=sbloccato, 1=bloccato)
Nf	= Sforzo normale nodo finale (0=sbloccato, 1=bloccato)
Tyf	= Taglio in dir. Y locale nodo finale (0=sbloccato, 1=bloccato)
Tzf	= Taglio in dir. Z locale nodo finale (0=sbloccato, 1=bloccato)
Mxf	= Momento intorno all'asse X locale nodo finale (0=sbloccato, 1=bloccato)
Myf	= Momento intorno all'asse Y locale nodo finale (0=sbloccato, 1=bloccato)
Mzf	= Momento intorno all'asse Z locale nodo finale (0=sbloccato, 1=bloccato)
Kt	= Coeff. di sottofondo su suolo elastico alla Winkler

Va	Comm.	Tipo	Ni	Tyi	Tzi	Mxi	Myi	Mzi	Nf	Tyf	Tzf	Mxf	Myf	Mzf	Kt
															<kN/mc>
1	Inc+Inc	SVI	1	1	1	1	1	1	1	1	1	1	1	1	
31	Ritegno sismico	SVI	1	1	1	1	1	1	0	0	0	0	0	0	
32	APPOGGIO IN GOMMA	SVI	1	0	0	0	0	0	1	1	1	1	1	1	
35	CerYZ+CerYZ+	SVI	1	1	1	0	0	0	1	1	1	1	0	0	

Elenco aste

Simbologia

Asta	= Numero dell'asta
N1	= Nodo iniziale
N2	= Nodo finale
Sez.	= Numero della sezione
Va	= Numero del vincolo asta
Par.	= Numero dei parametri aggiuntivi
Rot.	= Rotazione
FF	= Filo fisso
Dy1	= Scost. filo fisso Y1
Dy2	= Scost. filo fisso Y2
Dz1	= Scost. filo fisso Z1
Dz2	= Scost. filo fisso Z2
TC1	= Tipo collegamento iniziale
TC2	= Tipo collegamento finale
Kt	= Coeff. di sottofondo su suolo elastico alla Winkler

Asta	N1	N2	Sez.	Va	Par.	Rot. <grad>	FF	Dy1 <m>	Dy2 <m>	Dz1 <m>	Dz2 <m>	TC1	TC2	Kt <kN/mc>
0	-251	27		1		0.00	11	0.00	0.00	0.00	0.00	ND	ND	
0	27	-252		1		0.00	11	0.00	0.00	0.00	0.00	ND	ND	
0	-289	-290		1		0.00	11	0.00	0.00	0.00	0.00	ND	ND	
0	-252	-253		1		0.00	11	0.00	0.00	0.00	0.00	ND	ND	
0	-290	-291		1		0.00	11	0.00	0.00	0.00	0.00	ND	ND	
0	-253	-254		1		0.00	11	0.00	0.00	0.00	0.00	ND	ND	
0	-291	-292		1		0.00	11	0.00	0.00	0.00	0.00	ND	ND	
0	-254	-255		1		0.00	11	0.00	0.00	0.00	0.00	ND	ND	
0	-404	-405		1		0.00	11	0.00	0.00	0.00	0.00	ND	ND	
0	-292	-293		1		0.00	11	0.00	0.00	0.00	0.00	ND	ND	
0	-405	-406		1		0.00	11	0.00	0.00	0.00	0.00	ND	ND	
0	-255	-256		1		0.00	11	0.00	0.00	0.00	0.00	ND	ND	
0	-293	-294		1		0.00	11	0.00	0.00	0.00	0.00	ND	ND	
0	-256	-257		1		0.00	11	0.00	0.00	0.00	0.00	ND	ND	
0	-406	-407		1		0.00	11	0.00	0.00	0.00	0.00	ND	ND	
0	-294	-295		1		0.00	11	0.00	0.00	0.00	0.00	ND	ND	
0	-257	-258		1		0.00	11	0.00	0.00	0.00	0.00	ND	ND	
0	-407	-408		1		0.00	11	0.00	0.00	0.00	0.00	ND	ND	
0	-295	-296		1		0.00	11	0.00	0.00	0.00	0.00	ND	ND	
0	-560	38		1		0.00	11	0.00	0.00	0.00	0.00	ND	ND	
0	-258	-259		1		0.00	11	0.00	0.00	0.00	0.00	ND	ND	
0	-408	-409		1		0.00	11	0.00	0.00	0.00	0.00	ND	ND	
0	-296	-297		1		0.00	11	0.00	0.00	0.00	0.00	ND	ND	
0	38	-561		1		0.00	11	0.00	0.00	0.00	0.00	ND	ND	
0	-259	-260		1		0.00	11	0.00	0.00	0.00	0.00	ND	ND	
0	-297	-298		1		0.00	11	0.00	0.00	0.00	0.00	ND	ND	
0	-409	-410		1		0.00	11	0.00	0.00	0.00	0.00	ND	ND	
0	-561	-562		1		0.00	11	0.00	0.00	0.00	0.00	ND	ND	
0	-260	-261		1		0.00	11	0.00	0.00	0.00	0.00	ND	ND	
0	-298	-299		1		0.00	11	0.00	0.00	0.00	0.00	ND	ND	
0	-410	-411		1		0.00	11	0.00	0.00	0.00	0.00	ND	ND	
0	-562	-563		1		0.00	11	0.00	0.00	0.00	0.00	ND	ND	
0	-261	-262		1		0.00	11	0.00	0.00	0.00	0.00	ND	ND	
0	-711	-712		1		0.00	11	0.00	0.00	0.00	0.00	ND	ND	
0	-411	-412		1		0.00	11	0.00	0.00	0.00	0.00	ND	ND	
0	-299	-300		1		0.00	11	0.00	0.00	0.00	0.00	ND	ND	

Relazione di Calcolo – Ponte Torrente Gogna

0	-563	-564	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-712	-713	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-412	-413	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-262	-263	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-300	-301	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-751	-752	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-564	-565	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-713	-714	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-413	-414	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-752	-753	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-263	-264	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-301	-302	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-565	-566	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-714	-715	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-414	-415	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-264	-265	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-753	-754	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-302	-303	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-265	-266	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-566	-567	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-266	-267	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-715	-716	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-415	-416	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-754	-755	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-567	-568	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-303	-304	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-304	-305	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-716	-717	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-416	-417	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-267	-268	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-305	-306	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-568	-569	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-755	-756	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-717	-718	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-417	-418	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-756	-757	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-569	-570	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-306	-307	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-268	-269	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-718	-719	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-418	-419	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-570	-571	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-757	-758	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-269	-270	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-419	-420	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-719	-720	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-307	-308	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-420	-421	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-758	-759	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-270	-271	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-720	-721	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-571	-572	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-308	-309	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-759	-760	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-421	-422	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-271	-272	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-721	-722	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-309	-310	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-760	-761	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-572	-573	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-573	-574	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-422	-423	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-272	-273	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-722	-723	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-310	-311	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-574	39	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-761	-762	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	39	-575	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-423	-424	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-273	-274	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-311	-312	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-762	-763	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-723	-724	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-575	-576	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-424	-425	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-274	-275	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-312	-313	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-724	-725	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-763	-764	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND

Relazione di Calcolo – Ponte Torrente Gogna

0	-425	-426	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-725	-726	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-275	-276	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-576	-577	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-726	-727	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-313	-314	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-764	-765	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-727	-728	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-426	-427	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-276	-277	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-577	-578	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-765	-766	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-314	-315	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-766	-767	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-578	-579	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-728	-729	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-767	-768	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-427	-428	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-277	-278	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-315	-316	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-579	-580	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-278	-279	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-428	-429	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-768	-769	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-316	-317	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-729	-730	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-279	-280	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-580	-581	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-429	-430	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-317	-318	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-730	-731	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-769	-770	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-280	-281	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-430	-431	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-731	-732	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-581	40	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-318	-319	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-770	-771	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-281	-282	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-431	-432	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-732	-733	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-319	-320	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-771	-772	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	40	-582	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-282	-283	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-432	-433	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-320	-321	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-733	-734	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-772	-773	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-582	-583	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-283	-284	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-433	-434	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-321	-322	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-583	-584	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-734	-735	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-773	-774	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-284	-285	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-434	-435	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-322	-323	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-584	-585	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-735	-736	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-285	-286	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-774	-775	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-435	-436	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-323	-324	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-585	-586	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-736	-737	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-286	-287	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-436	-437	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-775	-776	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-324	-325	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-586	-587	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-737	-738	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-287	28	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-437	-438	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-776	-777	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-325	-326	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	-587	-588	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND
0	28	-288	1	0.00	11	0.00	0.00	0.00	0.00	ND	ND

Relazione di Calcolo – Ponte Torrente Gogna

0	-738	-739		1		0.00	11	0.00	0.00	0.00	0.00	ND	ND	
0	-438	-439		1		0.00	11	0.00	0.00	0.00	0.00	ND	ND	
0	-777	-778		1		0.00	11	0.00	0.00	0.00	0.00	ND	ND	
0	-326	-327		1		0.00	11	0.00	0.00	0.00	0.00	ND	ND	
0	-588	-589		1		0.00	11	0.00	0.00	0.00	0.00	ND	ND	
0	-739	-740		1		0.00	11	0.00	0.00	0.00	0.00	ND	ND	
0	-439	-440		1		0.00	11	0.00	0.00	0.00	0.00	ND	ND	
0	-327	-328		1		0.00	11	0.00	0.00	0.00	0.00	ND	ND	
0	-778	-779		1		0.00	11	0.00	0.00	0.00	0.00	ND	ND	
0	-589	-590		1		0.00	11	0.00	0.00	0.00	0.00	ND	ND	
0	-740	-741		1		0.00	11	0.00	0.00	0.00	0.00	ND	ND	
0	-440	-441		1		0.00	11	0.00	0.00	0.00	0.00	ND	ND	
0	-779	-780		1		0.00	11	0.00	0.00	0.00	0.00	ND	ND	
0	-590	-591		1		0.00	11	0.00	0.00	0.00	0.00	ND	ND	
0	-741	-742		1		0.00	11	0.00	0.00	0.00	0.00	ND	ND	
0	-441	-442		1		0.00	11	0.00	0.00	0.00	0.00	ND	ND	
0	-780	-781		1		0.00	11	0.00	0.00	0.00	0.00	ND	ND	
0	-591	-592		1		0.00	11	0.00	0.00	0.00	0.00	ND	ND	
0	-742	-743		1		0.00	11	0.00	0.00	0.00	0.00	ND	ND	
0	-442	-443		1		0.00	11	0.00	0.00	0.00	0.00	ND	ND	
0	-781	-782		1		0.00	11	0.00	0.00	0.00	0.00	ND	ND	
0	-592	-593		1		0.00	11	0.00	0.00	0.00	0.00	ND	ND	
0	-743	-744		1		0.00	11	0.00	0.00	0.00	0.00	ND	ND	
0	-782	-783		1		0.00	11	0.00	0.00	0.00	0.00	ND	ND	
0	-593	-594		1		0.00	11	0.00	0.00	0.00	0.00	ND	ND	
0	-744	-745		1		0.00	11	0.00	0.00	0.00	0.00	ND	ND	
0	-783	-784		1		0.00	11	0.00	0.00	0.00	0.00	ND	ND	
0	-594	41		1		0.00	11	0.00	0.00	0.00	0.00	ND	ND	
0	-745	-746		1		0.00	11	0.00	0.00	0.00	0.00	ND	ND	
0	-784	-785		1		0.00	11	0.00	0.00	0.00	0.00	ND	ND	
0	41	-595		1		0.00	11	0.00	0.00	0.00	0.00	ND	ND	
0	-746	-747		1		0.00	11	0.00	0.00	0.00	0.00	ND	ND	
0	-785	-786		1		0.00	11	0.00	0.00	0.00	0.00	ND	ND	
0	-747	-748		1		0.00	11	0.00	0.00	0.00	0.00	ND	ND	
0	-786	-787		1		0.00	11	0.00	0.00	0.00	0.00	ND	ND	
0	-748	-749		1		0.00	11	0.00	0.00	0.00	0.00	ND	ND	
0	-787	-788		1		0.00	11	0.00	0.00	0.00	0.00	ND	ND	
0	-749	-750		1		0.00	11	0.00	0.00	0.00	0.00	ND	ND	
0	-788	-789		1		0.00	11	0.00	0.00	0.00	0.00	ND	ND	
0	-789	-790		1		0.00	11	0.00	0.00	0.00	0.00	ND	ND	
1	1	25	6	1		0.00	44	0.00	0.00	0.15	0.15	ND	ND	
2	2	26	6	1		0.00	44	0.00	0.00	-0.15	-0.15	ND	ND	
3	3	29	3	32		0.00	55	0.00	0.00	0.00	0.00	ND	ND	
4	4	30	3	32		0.00	55	0.00	0.00	0.00	0.00	ND	ND	
5	5	31	3	32		0.00	55	0.00	0.00	0.00	0.00	ND	ND	
6	6	32	3	32		0.00	55	0.00	0.00	0.00	0.00	ND	ND	
7	7	-249	5	31		0.00	55	0.00	0.00	0.00	0.00	PF	ND	
8	8	34	3	32		0.00	55	0.00	0.00	0.00	0.00	ND	ND	
9	9	35	3	32		0.00	55	0.00	0.00	0.00	0.00	ND	ND	
10	10	36	3	32		0.00	55	0.00	0.00	0.00	0.00	ND	ND	
11	11	37	3	32		0.00	55	0.00	0.00	0.00	0.00	ND	ND	
12	12	38	3	32		0.00	55	0.00	0.00	0.00	0.00	ND	ND	
13	13	39	3	32		0.00	55	0.00	0.00	0.00	0.00	ND	ND	
14	14	40	3	32		0.00	55	0.00	0.00	0.00	0.00	ND	ND	
15	15	41	3	32		0.00	55	0.00	0.00	0.00	0.00	ND	ND	
16	16	-250	5	31		0.00	55	0.00	0.00	0.00	0.00	ND	ND	
17	17	43	3	32		0.00	55	0.00	0.00	0.00	0.00	ND	ND	
18	18	44	3	32		0.00	55	0.00	0.00	0.00	0.00	ND	ND	
19	19	45	3	32		0.00	55	0.00	0.00	0.00	0.00	ND	ND	
20	20	46	3	32		0.00	55	0.00	0.00	0.00	0.00	ND	ND	
21	21	47	6	1		0.00	66	0.00	0.00	0.15	0.15	ND	ND	
22	22	48	6	1		0.00	66	0.00	0.00	-0.15	-0.15	ND	ND	
33	-249	33	3	1		0.00	55	0.00	0.00	0.00	0.00	ND	ND	
42	-250	42	3	1		0.00	55	0.00	0.00	0.00	0.00	ND	ND	
201	25	27	7	35		0.00	66	0.00	0.00	0.15	0.15	ND	ND	
202	26	28	7	35		0.00	44	0.00	0.00	-0.15	-0.15	ND	ND	
203	1	3	2	1		0.00	22	0.15	0.15	0.00	0.00	ND	ND	
203	3	7	2	1		0.00	22	0.15	0.15	0.00	0.00	ND	ND	
203	7	8	2	1		0.00	22	0.15	0.15	0.00	0.00	ND	ND	
203	8	23	2	1		0.00	22	0.15	0.15	0.00	0.00	ND	ND	
203	23	12	2	1		0.00	22	0.15	0.15	0.00	0.00	ND	ND	
203	12	16	2	1		0.00	22	0.15	0.15	0.00	0.00	ND	ND	
203	16	17	2	1		0.00	22	0.15	0.15	0.00	0.00	ND	ND	
203	17	21	2	1		0.00	22	0.15	0.15	0.00	0.00	ND	ND	
204	2	6	2	1		0.00	22	-0.15	-0.15	0.00	0.00	ND	ND	
204	6	11	2	1		0.00	22	-0.15	-0.15	0.00	0.00	ND	ND	
204	11	24	2	1		0.00	22	-0.15	-0.15	0.00	0.00	ND	ND	
204	24	15	2	1		0.00	22	-0.15	-0.15	0.00	0.00	ND	ND	
204	15	20	2	1		0.00	22	-0.15	-0.15	0.00	0.00	ND	ND	

204	20	22	2	1		0.00	22	-0.15	-0.15	0.00	0.00	ND	ND	
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Elenco tipi elementi bidimensionali**Simbologia**

Tb	= Numero del tipo muro/elemento bidimensionale
Comm.	= Commento
Tipo	= Tipologia
	F = Flessionale
	M = Membranale
	W-RC = Winkler resistente solo a compressione
	W-RTC = Winkler resistente a trazione e a compressione
Uso	= Utilizzo
	G = Generico
	P = Parete
	S = Soletta/Platea
	N = Nucleo
	M = Muratura
	L = Pilastro
Mat.	= Numero del materiale
Crit.	= Numero del criterio di progetto
Spess.	= Spessore
Kt	= Coeff. di sottofondo su suolo elastico alla Winkler

Tb	Comm.	Tipo	Uso	Mat.	Crit.	Spess. <m>	Kt <kN/mc>	Tb	Comm.	Tipo	Uso	Mat.	Crit.	Spess. <m>	Kt <kN/mc>
1		F	S	1	1	0.43		2		F	S	1	2	0.35	
3		F	N	1	1	0.25		4		W-RTC	S	1	3	4.00	60000.00

Elenco elementi bidimensionali**Simbologia**

Bid.	= Numero del muro/elemento bidimensionale
Tb	= Numero del tipo muro/elemento bidimensionale
N1	= Nodo 1
N2	= Nodo 2
N3	= Nodo 3
N4	= Nodo 4
FF	= Filo fisso
Dy1	= Scost. filo fisso Y1
Dy2	= Scost. filo fisso Y2
Kt	= Coeff. di sottofondo su suolo elastico alla Winkler

Bid.	Tb	N1	N2	N3	N4	FF	Dy1 <m>	Dy2 <m>	Kt <kN/mc>	Bid.	Tb	N1	N2	N3	N4	FF	Dy1 <m>	Dy2 <m>	Kt <kN/mc>
1	1	-251	27	-290	-289	11	0.00	0.00		1	1	-290	29	-329	-289	11	0.00	0.00	
1	1	32	-364	-403	-402	11	0.00	0.00		1	1	-539	-577	-576	-538	11	0.00	0.00	
1	1	34	-481	-480	-444	11	0.00	0.00		1	1	38	-597	-596	-560	11	0.00	0.00	
1	1	-675	-636	42	43	11	0.00	0.00		1	1	-675	43	-712	-711	11	0.00	0.00	
1	1	-711	-712	-752	-751	11	0.00	0.00		1	1	27	-252	-291	-290	11	0.00	0.00	
1	1	-296	-335	-334	-295	11	0.00	0.00		1	1	29	33	-365	-329	11	0.00	0.00	
1	1	-652	-690	44	-651	11	0.00	0.00		1	1	34	-445	-482	-481	11	0.00	0.00	
1	1	-566	-603	-602	-565	11	0.00	0.00		1	1	-642	-681	-680	-641	11	0.00	0.00	
1	1	-681	-718	-717	-680	11	0.00	0.00		1	1	-718	-758	-757	-717	11	0.00	0.00	
1	1	-718	-719	-759	-758	11	0.00	0.00		1	1	-681	-682	-719	-718	11	0.00	0.00	
1	1	-642	-643	-682	-681	11	0.00	0.00		1	1	-567	-568	-605	-604	11	0.00	0.00	
1	1	-488	-489	-529	-528	11	0.00	0.00		1	1	-450	-451	-488	-487	11	0.00	0.00	
1	1	-335	-371	-370	-334	11	0.00	0.00		1	1	-296	-297	-336	-335	11	0.00	0.00	
1	1	-257	-258	-297	-296	11	0.00	0.00		1	1	-259	-260	-299	-298	11	0.00	0.00	
1	1	-305	30	-343	-304	11	0.00	0.00		1	1	-336	-337	-373	-372	11	0.00	0.00	
1	1	-616	-617	-656	-655	11	0.00	0.00		1	1	35	-496	-495	-458	11	0.00	0.00	
1	1	39	-612	-611	-574	11	0.00	0.00		1	1	-651	44	-689	-650	11	0.00	0.00	
1	1	44	-727	-726	-689	11	0.00	0.00		1	1	-727	-767	-766	-726	11	0.00	0.00	
1	1	-266	-267	-306	-305	11	0.00	0.00		1	1	-308	-346	-345	-307	11	0.00	0.00	
1	1	-337	-338	-374	-373	11	0.00	0.00		1	1	-349	-386	-385	-348	11	0.00	0.00	
1	1	-461	-499	-498	-460	11	0.00	0.00		1	1	39	-575	-613	-612	11	0.00	0.00	
1	1	-654	-692	-691	-653	11	0.00	0.00		1	1	-692	-730	-729	-691	11	0.00	0.00	
1	1	-730	-770	-769	-729	11	0.00	0.00		1	1	-730	-731	-771	-770	11	0.00	0.00	
1	1	-692	-693	-731	-730	11	0.00	0.00		1	1	-577	-578	-616	-615	11	0.00	0.00	
1	1	-503	-543	-542	-502	11	0.00	0.00		1	1	-461	-462	-500	-499	11	0.00	0.00	
1	1	-346	-383	-382	-345	11	0.00	0.00		1	1	-308	-309	-347	-346	11	0.00	0.00	
1	1	-269	-270	-309	-308	11	0.00	0.00		1	1	-271	-272	-311	-310	11	0.00	0.00	
1	1	-313	31	-350	-312	11	0.00	0.00		1	1	-346	-347	-384	-383	11	0.00	0.00	
1	1	-619	-658	-657	-618	11	0.00	0.00		1	1	36	-504	-503	-465	11	0.00	0.00	
1	1	40	-620	-619	-581	11	0.00	0.00		1	1	-659	45	-696	-658	11	0.00	0.00	
1	1	-735	-734	-696	45	11	0.00	0.00		1	1	-735	-775	-774	-734	11	0.00	0.00	
1	1	-735	-736	-776	-775	11	0.00	0.00		1	1	45	-697	-736	-735	11	0.00	0.00	

Relazione di Calcolo - Ponte Torrente Gogna

1	1	40	-582	-621	-620	11	0.00	0.00		1	1	-654	-655	-693	-692	11	0.00	0.00	
1	1	36	-466	-505	-504	11	0.00	0.00		1	1	-739	-740	-780	-779	11	0.00	0.00	
1	1	31	-388	-387	-350	11	0.00	0.00		1	1	-313	-314	-351	31	11	0.00	0.00	
1	1	-274	-275	-314	-313	11	0.00	0.00		1	1	-665	-702	-701	-664	11	0.00	0.00	
1	1	-665	-666	-703	-702	11	0.00	0.00		1	1	-667	-668	-705	-704	11	0.00	0.00	
1	1	-673	-674	-710	46	11	0.00	0.00		1	1	-710	-750	-749	46	11	0.00	0.00	
1	1	-750	-790	-789	-749	11	0.00	0.00		1	1	-783	-743	-744	-784	11	0.00	0.00	
1	1	-280	-281	-320	-319	11	0.00	0.00		1	1	-319	-320	-357	-356	11	0.00	0.00	
1	1	31	-351	-389	-388	11	0.00	0.00		1	1	-621	-622	-661	-660	11	0.00	0.00	
1	1	-471	-472	-511	-510	11	0.00	0.00		1	1	-587	-588	-627	-626	11	0.00	0.00	
1	1	-282	-283	-322	-321	11	0.00	0.00		1	1	-321	-322	-359	-358	11	0.00	0.00	
1	1	-356	-357	-395	-394	11	0.00	0.00		1	1	-624	-625	-664	-663	11	0.00	0.00	
1	1	-473	-474	-513	-512	11	0.00	0.00		1	1	-589	-590	-629	-628	11	0.00	0.00	
1	1	28	-288	-328	-327	11	0.00	0.00		1	1	-327	-328	-364	32	11	0.00	0.00	
1	1	-358	-359	-397	-396	11	0.00	0.00		1	1	-506	-507	-547	-546	11	0.00	0.00	
1	1	37	-479	-519	-518	11	0.00	0.00		1	1	41	-595	-635	-634	11	0.00	0.00	
1	1	-702	-703	-742	-741	11	0.00	0.00		1	1	-743	-783	-782	-742	11	0.00	0.00	
1	1	-704	-705	-744	-743	11	0.00	0.00		1	1	-719	-720	-760	-759	11	0.00	0.00	
1	1	-682	-683	-720	-719	11	0.00	0.00		1	1	-643	-644	-683	-682	11	0.00	0.00	
1	1	-467	-468	-507	-506	11	0.00	0.00		1	1	-566	-567	-604	-603	11	0.00	0.00	
1	1	-469	-470	-509	-508	11	0.00	0.00		1	1	-487	-488	-528	-527	11	0.00	0.00	
1	1	-451	-452	-489	-488	11	0.00	0.00		1	1	-335	-336	-372	-371	11	0.00	0.00	
1	1	-297	-298	-337	-336	11	0.00	0.00		1	1	-258	-259	-298	-297	11	0.00	0.00	
1	1	-481	-482	-522	-521	11	0.00	0.00		1	1	-481	-521	-520	-480	11	0.00	0.00	
1	1	-496	-536	-535	-495	11	0.00	0.00		1	1	-499	-539	-538	-498	11	0.00	0.00	
1	1	-499	-500	-540	-539	11	0.00	0.00		1	1	-504	-544	-543	-503	11	0.00	0.00	
1	1	-504	-505	-545	-544	11	0.00	0.00		1	1	-510	-511	-551	-550	11	0.00	0.00	
1	1	-512	-513	-553	-552	11	0.00	0.00		1	1	-518	-519	-559	-558	11	0.00	0.00	
1	1	-355	-356	-394	-393	11	0.00	0.00		1	1	-393	-394	-434	-433	11	0.00	0.00	
1	1	-433	-434	-471	-470	11	0.00	0.00		1	1	-314	-315	-352	-351	11	0.00	0.00	
1	1	-315	-316	-353	-352	11	0.00	0.00		1	1	-316	-317	-354	-353	11	0.00	0.00	
1	1	-317	-318	-355	-354	11	0.00	0.00		1	1	-318	-319	-356	-355	11	0.00	0.00	
1	1	-275	-276	-315	-314	11	0.00	0.00		1	1	-276	-277	-316	-315	11	0.00	0.00	
1	1	-277	-278	-317	-316	11	0.00	0.00		1	1	-278	-279	-318	-317	11	0.00	0.00	
1	1	-279	-280	-319	-318	11	0.00	0.00		1	1	-626	-627	-666	-665	11	0.00	0.00	
1	1	-550	-551	-588	-587	11	0.00	0.00		1	1	-394	-395	-435	-434	11	0.00	0.00	
1	1	-434	-435	-472	-471	11	0.00	0.00		1	1	-357	-358	-396	-395	11	0.00	0.00	
1	1	-395	-396	-436	-435	11	0.00	0.00		1	1	-435	-436	-473	-472	11	0.00	0.00	
1	1	-472	-473	-512	-511	11	0.00	0.00		1	1	-511	-512	-552	-551	11	0.00	0.00	
1	1	-551	-552	-589	-588	11	0.00	0.00		1	1	-588	-589	-628	-627	11	0.00	0.00	
1	1	-627	-628	-667	-666	11	0.00	0.00		1	1	-666	-667	-704	-703	11	0.00	0.00	
1	1	-703	-704	-743	-742	11	0.00	0.00		1	1	-742	-782	-781	-741	11	0.00	0.00	
1	1	-320	-321	-358	-357	11	0.00	0.00		1	1	-281	-282	-321	-320	11	0.00	0.00	
1	1	-784	-744	-745	-785	11	0.00	0.00		1	1	-785	-745	-746	-786	11	0.00	0.00	
1	1	-786	-746	-747	-787	11	0.00	0.00		1	1	-787	-747	-748	-788	11	0.00	0.00	
1	1	-788	-748	-749	-789	11	0.00	0.00		1	1	-705	-706	-745	-744	11	0.00	0.00	
1	1	-706	-707	-746	-745	11	0.00	0.00		1	1	-707	-708	-747	-746	11	0.00	0.00	
1	1	-708	-709	-748	-747	11	0.00	0.00		1	1	-709	46	-749	-748	11	0.00	0.00	
1	1	-668	-669	-706	-705	11	0.00	0.00		1	1	-669	-670	-707	-706	11	0.00	0.00	
1	1	-670	-671	-708	-707	11	0.00	0.00		1	1	-671	-672	-709	-708	11	0.00	0.00	
1	1	-672	-673	46	-709	11	0.00	0.00		1	1	-628	-629	-668	-667	11	0.00	0.00	
1	1	-590	-591	-630	-629	11	0.00	0.00		1	1	-629	-630	-669	-668	11	0.00	0.00	
1	1	-591	-592	-631	-630	11	0.00	0.00		1	1	-630	-631	-670	-669	11	0.00	0.00	
1	1	-592	-593	-632	-631	11	0.00	0.00		1	1	-631	-632	-671	-670	11	0.00	0.00	
1	1	-593	-594	-633	-632	11	0.00	0.00		1	1	-632	-633	-672	-671	11	0.00	0.00	
1	1	-594	41	-634	-633	11	0.00	0.00		1	1	-633	-634	-673	-672	11	0.00	0.00	
1	1	-552	-553	-590	-589	11	0.00	0.00		1	1	-513	-514	-554	-553	11	0.00	0.00	
1	1	-553	-554	-591	-590	11	0.00	0.00		1	1	-514	-515	-555	-554	11	0.00	0.00	
1	1	-554	-555	-592	-591	11	0.00	0.00		1	1	-515	-516	-556	-555	11	0.00	0.00	
1	1	-555	-556	-593	-592	11	0.00	0.00		1	1	-516	-517	-557	-556	11	0.00	0.00	
1	1	-556	-557	-594	-593	11	0.00	0.00		1	1	-517	-518	-558	-557	11	0.00	0.00	
1	1	-557	-558	41	-594	11	0.00	0.00		1	1	-474	-475	-514	-513	11	0.00	0.00	
1	1	-475	-476	-515	-514	11	0.00	0.00		1	1	-476	-477	-516	-515	11	0.00	0.00	
1	1	-477	-478	-517	-516	11	0.00	0.00		1	1	-478	37	-518	-517	11	0.00	0.00	
1	1	-396	-397	-437	-436	11	0.00	0.00		1	1	-436	-437	-474	-473	11	0.00	0.00	
1	1	-359	-360	-398	-397	11	0.00	0.00		1	1	-397	-398	-438	-437	11	0.00	0.00	
1	1	-437	-438	-475	-474	11	0.00	0.00		1	1	-360	-361	-399	-398	11	0.00	0.00	
1	1	-398	-399	-439	-438	11	0.00	0.00		1	1	-438	-439	-476	-475	11	0.00	0.00	
1	1	-361	-362	-400	-399	11	0.00	0.00		1	1	-399	-400	-440	-439	11	0.00	0.00	
1	1	-439	-440	-477	-476	11	0.00	0.00		1	1	-362	-363	-401	-400	11	0.00	0.00	
1	1	-400	-401	-441	-440	11	0.00	0.00		1	1	-440	-441	-478	-477	11	0.00	0.00	
1	1	-363	32	-402	-401	11	0.00	0.00		1	1	-401	-402	-442	-441	11	0.00	0.00	
1	1	-441	-442	37	-478	11	0.00	0.00		1	1	-322	-323	-360	-359	11	0.00	0.00	
1	1	-323	-324	-361	-360	11	0.00	0.00		1	1	-324	-325	-362	-361	11	0.00	0.00	
1	1	-717	-757	-756	-716	11	0.00	0.00		1	1	-716	-756	-755	-715	11	0.00	0.00	
1	1	-715	-755	-754	-714	11	0.00	0.00		1	1	-714	-754	-753	-713	11	0.00	0.00	
1	1	-713	-753	-752	-712	11	0.00	0.00		1	1	-680	-717	-716	-679	11	0.00	0.00	
1	1	-679	-716	-715	-678	11	0.00	0.00		1	1	-678	-715	-714	-677	11	0.00	0.00	
1	1	-677	-714	-713	-676	11	0.00	0.00		1	1	-676	-713	-712	43	11	0.00	0.00	

Relazione di Calcolo - Ponte Torrente Gogna

1	1	-641	-680	-679	-640	11	0.00	0.00		1	1	-640	-679	-678	-639	11	0.00	0.00	
1	1	-639	-678	-677	-638	11	0.00	0.00		1	1	-638	-677	-676	-637	11	0.00	0.00	
1	1	-637	-676	43	42	11	0.00	0.00		1	1	-565	-602	-601	-564	11	0.00	0.00	
1	1	-564	-601	-600	-563	11	0.00	0.00		1	1	-563	-600	-599	-562	11	0.00	0.00	
1	1	-562	-599	-598	-561	11	0.00	0.00		1	1	-561	-598	-597	38	11	0.00	0.00	
1	1	-603	-642	-641	-602	11	0.00	0.00		1	1	-602	-641	-640	-601	11	0.00	0.00	
1	1	-601	-640	-639	-600	11	0.00	0.00		1	1	-600	-639	-638	-599	11	0.00	0.00	
1	1	-599	-638	-637	-598	11	0.00	0.00		1	1	-598	-637	42	-597	11	0.00	0.00	
1	1	-521	-522	-561	38	11	0.00	0.00		1	1	-482	-483	-523	-522	11	0.00	0.00	
1	1	-522	-523	-562	-561	11	0.00	0.00		1	1	-483	-484	-524	-523	11	0.00	0.00	
1	1	-523	-524	-563	-562	11	0.00	0.00		1	1	-484	-485	-525	-524	11	0.00	0.00	
1	1	-524	-525	-564	-563	11	0.00	0.00		1	1	-485	-486	-526	-525	11	0.00	0.00	
1	1	-525	-526	-565	-564	11	0.00	0.00		1	1	-486	-487	-527	-526	11	0.00	0.00	
1	1	-526	-527	-566	-565	11	0.00	0.00		1	1	-445	-446	-483	-482	11	0.00	0.00	
1	1	-446	-447	-484	-483	11	0.00	0.00		1	1	-447	-448	-485	-484	11	0.00	0.00	
1	1	-448	-449	-486	-485	11	0.00	0.00		1	1	-449	-450	-487	-486	11	0.00	0.00	
1	1	-334	-370	-369	-333	11	0.00	0.00		1	1	-333	-369	-368	-332	11	0.00	0.00	
1	1	-332	-368	-367	-331	11	0.00	0.00		1	1	-331	-367	-366	-330	11	0.00	0.00	
1	1	-330	-366	33	29	11	0.00	0.00		1	1	-371	-411	-410	-370	11	0.00	0.00	
1	1	-370	-410	-409	-369	11	0.00	0.00		1	1	-369	-409	-408	-368	11	0.00	0.00	
1	1	-368	-408	-407	-367	11	0.00	0.00		1	1	-367	-407	-406	-366	11	0.00	0.00	
1	1	-366	-406	-405	33	11	0.00	0.00		1	1	-411	-450	-449	-410	11	0.00	0.00	
1	1	-410	-449	-448	-409	11	0.00	0.00		1	1	-409	-448	-447	-408	11	0.00	0.00	
1	1	-408	-447	-446	-407	11	0.00	0.00		1	1	-407	-446	-445	-406	11	0.00	0.00	
1	1	-406	-445	34	-405	11	0.00	0.00		1	1	-295	-334	-333	-294	11	0.00	0.00	
1	1	-294	-333	-332	-293	11	0.00	0.00		1	1	-293	-332	-331	-292	11	0.00	0.00	
1	1	-292	-331	-330	-291	11	0.00	0.00		1	1	-291	-330	29	-290	11	0.00	0.00	
1	1	-252	-253	-292	-291	11	0.00	0.00		1	1	-253	-254	-293	-292	11	0.00	0.00	
1	1	-254	-255	-294	-293	11	0.00	0.00		1	1	-255	-256	-295	-294	11	0.00	0.00	
1	1	-256	-257	-296	-295	11	0.00	0.00		1	1	-521	38	-560	-520	11	0.00	0.00	
1	1	-688	-725	-724	-687	11	0.00	0.00		1	1	-687	-724	-723	-686	11	0.00	0.00	
1	1	-723	-763	-762	-722	11	0.00	0.00		1	1	-722	-762	-761	-721	11	0.00	0.00	
1	1	-721	-761	-760	-720	11	0.00	0.00		1	1	-649	-688	-687	-648	11	0.00	0.00	
1	1	-648	-687	-686	-647	11	0.00	0.00		1	1	-686	-723	-722	-685	11	0.00	0.00	
1	1	-685	-722	-721	-684	11	0.00	0.00		1	1	-684	-721	-720	-683	11	0.00	0.00	
1	1	-610	-649	-648	-609	11	0.00	0.00		1	1	-609	-648	-647	-608	11	0.00	0.00	
1	1	-647	-686	-685	-646	11	0.00	0.00		1	1	-646	-685	-684	-645	11	0.00	0.00	
1	1	-645	-684	-683	-644	11	0.00	0.00		1	1	-534	-573	-572	-533	11	0.00	0.00	
1	1	-533	-572	-571	-532	11	0.00	0.00		1	1	-571	-608	-607	-570	11	0.00	0.00	
1	1	-570	-607	-606	-569	11	0.00	0.00		1	1	-569	-606	-605	-568	11	0.00	0.00	
1	1	-612	-651	-650	-611	11	0.00	0.00		1	1	-573	-610	-609	-572	11	0.00	0.00	
1	1	-572	-609	-608	-571	11	0.00	0.00		1	1	-608	-647	-646	-607	11	0.00	0.00	
1	1	-607	-646	-645	-606	11	0.00	0.00		1	1	-606	-645	-644	-605	11	0.00	0.00	
1	1	-604	-605	-644	-643	11	0.00	0.00		1	1	-603	-604	-643	-642	11	0.00	0.00	
1	1	-527	-528	-567	-566	11	0.00	0.00		1	1	-528	-529	-568	-567	11	0.00	0.00	
1	1	-457	-494	-493	-456	11	0.00	0.00		1	1	-456	-493	-492	-455	11	0.00	0.00	
1	1	-492	-532	-531	-491	11	0.00	0.00		1	1	-491	-531	-530	-490	11	0.00	0.00	
1	1	-490	-530	-529	-489	11	0.00	0.00		1	1	-536	39	-574	-535	11	0.00	0.00	
1	1	-494	-534	-533	-493	11	0.00	0.00		1	1	-493	-533	-532	-492	11	0.00	0.00	
1	1	-532	-571	-570	-531	11	0.00	0.00		1	1	-531	-570	-569	-530	11	0.00	0.00	
1	1	-530	-569	-568	-529	11	0.00	0.00		1	1	-371	-372	-412	-411	11	0.00	0.00	
1	1	-411	-412	-451	-450	11	0.00	0.00		1	1	-372	-373	-413	-412	11	0.00	0.00	
1	1	-412	-413	-452	-451	11	0.00	0.00		1	1	-416	-417	-456	-455	11	0.00	0.00	
1	1	-417	-418	-457	-456	11	0.00	0.00		1	1	-455	-492	-491	-454	11	0.00	0.00	
1	1	-454	-491	-490	-453	11	0.00	0.00		1	1	-453	-490	-489	-452	11	0.00	0.00	
1	1	-373	-374	-414	-413	11	0.00	0.00		1	1	-413	-414	-453	-452	11	0.00	0.00	
1	1	-338	-339	-375	-374	11	0.00	0.00		1	1	-374	-375	-415	-414	11	0.00	0.00	
1	1	-414	-415	-454	-453	11	0.00	0.00		1	1	-339	-340	-376	-375	11	0.00	0.00	
1	1	-375	-376	-416	-415	11	0.00	0.00		1	1	-415	-416	-455	-454	11	0.00	0.00	
1	1	-303	-342	-341	-302	11	0.00	0.00		1	1	-340	-341	-377	-376	11	0.00	0.00	
1	1	-376	-377	-417	-416	11	0.00	0.00		1	1	-302	-341	-340	-301	11	0.00	0.00	
1	1	-341	-342	-378	-377	11	0.00	0.00		1	1	-377	-378	-418	-417	11	0.00	0.00	
1	1	-342	-343	-379	-378	11	0.00	0.00		1	1	-378	-379	-419	-418	11	0.00	0.00	
1	1	-418	-419	-458	-457	11	0.00	0.00		1	1	-262	-263	-302	-301	11	0.00	0.00	
1	1	-263	-264	-303	-302	11	0.00	0.00		1	1	-301	-340	-339	-300	11	0.00	0.00	
1	1	-300	-339	-338	-299	11	0.00	0.00		1	1	-299	-338	-337	-298	11	0.00	0.00	
1	1	-260	-261	-300	-299	11	0.00	0.00		1	1	-261	-262	-301	-300	11	0.00	0.00	
1	1	-725	-765	-764	-724	11	0.00	0.00		1	1	-724	-764	-763	-723	11	0.00	0.00	
1	1	-264	-265	-304	-303	11	0.00	0.00		1	1	33	-405	-404	-365	11	0.00	0.00	
1	1	-405	34	-444	-404	11	0.00	0.00		1	1	-597	42	-636	-596	11	0.00	0.00	
1	1	-267	-268	-307	-306	11	0.00	0.00		1	1	-268	-269	-308	-307	11	0.00	0.00	
1	1	-307	-345	-344	-306	11	0.00	0.00		1	1	-306	-344	30	-305	11	0.00	0.00	
1	1	-345	-382	-381	-344	11	0.00	0.00		1	1	-344	-381	-380	30	11	0.00	0.00	
1	1	-383	-423	-422	-382	11	0.00	0.00		1	1	-382	-422	-421	-381	11	0.00	0.00	
1	1	-381	-421	-420	-380	11	0.00	0.00		1	1	-423	-461	-460	-422	11	0.00	0.00	
1	1	-422	-460	-459	-421	11	0.00	0.00		1	1	-421	-459	35	-420	11	0.00	0.00	
1	1	-460	-498	-497	-459	11	0.00	0.00		1	1	-459	-497	-496	35	11	0.00	0.00	
1	1	-498	-538	-537	-497	11	0.00	0.00		1	1	-497	-537	-536	-496	11	0.00	0.00	
1	1	-547	-548	-585	-584	11	0.00	0.00		1	1	-538	-576	-575	-537	11	0.00	0.00	

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1	1	-537	-575	39	-536	11	0.00	0.00		1	1	-612	-613	-652	-651	11	0.00	0.00	
1	1	-575	-576	-614	-613	11	0.00	0.00		1	1	-613	-614	-653	-652	11	0.00	0.00	
1	1	-576	-577	-615	-614	11	0.00	0.00		1	1	-614	-615	-654	-653	11	0.00	0.00	
1	1	-653	-691	-690	-652	11	0.00	0.00		1	1	-470	-471	-510	-509	11	0.00	0.00	
1	1	-691	-729	-728	-690	11	0.00	0.00		1	1	-690	-728	-727	44	11	0.00	0.00	
1	1	-729	-769	-768	-728	11	0.00	0.00		1	1	-728	-768	-767	-727	11	0.00	0.00	
1	1	-383	-384	-424	-423	11	0.00	0.00		1	1	-423	-424	-462	-461	11	0.00	0.00	
1	1	-347	-348	-385	-384	11	0.00	0.00		1	1	-384	-385	-425	-424	11	0.00	0.00	
1	1	-424	-425	-463	-462	11	0.00	0.00		1	1	-309	-310	-348	-347	11	0.00	0.00	
1	1	-270	-271	-310	-309	11	0.00	0.00		1	1	-462	-463	-501	-500	11	0.00	0.00	
1	1	-539	-540	-578	-577	11	0.00	0.00		1	1	-500	-501	-541	-540	11	0.00	0.00	
1	1	-540	-541	-579	-578	11	0.00	0.00		1	1	-615	-616	-655	-654	11	0.00	0.00	
1	1	-578	-579	-617	-616	11	0.00	0.00		1	1	-286	-287	-326	-325	11	0.00	0.00	
1	1	-655	-656	-694	-693	11	0.00	0.00		1	1	-693	-694	-732	-731	11	0.00	0.00	
1	1	-731	-732	-772	-771	11	0.00	0.00		1	1	-272	-273	-312	-311	11	0.00	0.00	
1	1	-273	-274	-313	-312	11	0.00	0.00		1	1	-312	-350	-349	-311	11	0.00	0.00	
1	1	-311	-349	-348	-310	11	0.00	0.00		1	1	-350	-387	-386	-349	11	0.00	0.00	
1	1	-623	-624	-663	-662	11	0.00	0.00		1	1	-388	-428	-427	-387	11	0.00	0.00	
1	1	-387	-427	-426	-386	11	0.00	0.00		1	1	-386	-426	-425	-385	11	0.00	0.00	
1	1	-428	36	-465	-427	11	0.00	0.00		1	1	-427	-465	-464	-426	11	0.00	0.00	
1	1	-426	-464	-463	-425	11	0.00	0.00		1	1	-465	-503	-502	-464	11	0.00	0.00	
1	1	-464	-502	-501	-463	11	0.00	0.00		1	1	-546	-547	-584	-583	11	0.00	0.00	
1	1	-502	-542	-541	-501	11	0.00	0.00		1	1	-544	40	-581	-543	11	0.00	0.00	
1	1	-543	-581	-580	-542	11	0.00	0.00		1	1	-542	-580	-579	-541	11	0.00	0.00	
1	1	-581	-619	-618	-580	11	0.00	0.00		1	1	-580	-618	-617	-579	11	0.00	0.00	
1	1	-620	-659	-658	-619	11	0.00	0.00		1	1	-343	30	-380	-379	11	0.00	0.00	
1	1	-618	-657	-656	-617	11	0.00	0.00		1	1	-658	-696	-695	-657	11	0.00	0.00	
1	1	-657	-695	-694	-656	11	0.00	0.00		1	1	-734	-733	-695	-696	11	0.00	0.00	
1	1	-733	-732	-694	-695	11	0.00	0.00		1	1	-734	-774	-773	-733	11	0.00	0.00	
1	1	-733	-773	-772	-732	11	0.00	0.00		1	1	-736	-737	-777	-776	11	0.00	0.00	
1	1	-737	-738	-778	-777	11	0.00	0.00		1	1	-738	-739	-779	-778	11	0.00	0.00	
1	1	-430	-431	-468	-467	11	0.00	0.00		1	1	-740	-741	-781	-780	11	0.00	0.00	
1	1	-697	-698	-737	-736	11	0.00	0.00		1	1	-698	-699	-738	-737	11	0.00	0.00	
1	1	-699	-700	-739	-738	11	0.00	0.00		1	1	-700	-701	-740	-739	11	0.00	0.00	
1	1	-701	-702	-741	-740	11	0.00	0.00		1	1	-664	-701	-700	-663	11	0.00	0.00	
1	1	-663	-700	-699	-662	11	0.00	0.00		1	1	-662	-699	-698	-661	11	0.00	0.00	
1	1	-661	-698	-697	-660	11	0.00	0.00		1	1	-660	-697	45	-659	11	0.00	0.00	
1	1	-620	-621	-660	-659	11	0.00	0.00		1	1	-582	-583	-622	-621	11	0.00	0.00	
1	1	-442	-443	-479	37	11	0.00	0.00		1	1	-583	-584	-623	-622	11	0.00	0.00	
1	1	-622	-623	-662	-661	11	0.00	0.00		1	1	-584	-585	-624	-623	11	0.00	0.00	
1	1	-351	-352	-390	-389	11	0.00	0.00		1	1	-585	-586	-625	-624	11	0.00	0.00	
1	1	-429	-430	-467	-466	11	0.00	0.00		1	1	-586	-587	-626	-625	11	0.00	0.00	
1	1	-625	-626	-665	-664	11	0.00	0.00		1	1	-544	-545	-582	40	11	0.00	0.00	
1	1	-505	-506	-546	-545	11	0.00	0.00		1	1	-545	-546	-583	-582	11	0.00	0.00	
1	1	-689	-726	-725	-688	11	0.00	0.00		1	1	-726	-766	-765	-725	11	0.00	0.00	
1	1	-507	-508	-548	-547	11	0.00	0.00		1	1	-611	-650	-649	-610	11	0.00	0.00	
1	1	-508	-509	-549	-548	11	0.00	0.00		1	1	-548	-549	-586	-585	11	0.00	0.00	
1	1	-509	-510	-550	-549	11	0.00	0.00		1	1	-549	-550	-587	-586	11	0.00	0.00	
1	1	-466	-467	-506	-505	11	0.00	0.00		1	1	-419	-420	35	-458	11	0.00	0.00	
1	1	-468	-469	-508	-507	11	0.00	0.00		1	1	-265	-266	-305	-304	11	0.00	0.00	
1	1	-304	-343	-342	-303	11	0.00	0.00		1	1	-388	-389	-429	-428	11	0.00	0.00	
1	1	-428	-429	-466	36	11	0.00	0.00		1	1	-432	-433	-470	-469	11	0.00	0.00	
1	1	-389	-390	-430	-429	11	0.00	0.00		1	1	-283	-284	-323	-322	11	0.00	0.00	
1	1	-352	-353	-391	-390	11	0.00	0.00		1	1	-390	-391	-431	-430	11	0.00	0.00	
1	1	-458	-495	-494	-457	11	0.00	0.00		1	1	-353	-354	-392	-391	11	0.00	0.00	
1	1	-391	-392	-432	-431	11	0.00	0.00		1	1	-431	-432	-469	-468	11	0.00	0.00	
1	1	-354	-355	-393	-392	11	0.00	0.00		1	1	-392	-393	-433	-432	11	0.00	0.00	
1	1	-495	-535	-534	-494	11	0.00	0.00		1	1	-326	-327	32	-363	11	0.00	0.00	
1	1	-325	-326	-363	-362	11	0.00	0.00		1	1	-284	-285	-324	-323	11	0.00	0.00	
1	1	-285	-286	-325	-324	11	0.00	0.00		1	1	-634	-635	-674	-673	11	0.00	0.00	
1	1	-287	28	-327	-326	11	0.00	0.00		1	1	-402	-403	-443	-442	11	0.00	0.00	
1	1	-379	-380	-420	-419	11	0.00	0.00		1	1	-558	-559	-595	41	11	0.00	0.00	
1	1	-535	-574	-573	-534	11	0.00	0.00		1	1	-650	-689	-688	-649	11	0.00	0.00	
1	1	-574	-611	-610	-573	11	0.00	0.00		2	2	-235	13	18	-239	11	0.00	0.00	
2	2	-222	-223	-228	4	11	0.00	0.00		2	2	18	-240	-245	-244	11	0.00	0.00	
2	2	-221	-222	4	-227	11	0.00	0.00		2	2	4	-228	-232	9	11	0.00	0.00	
2	2	-239	18	-244	-243	11	0.00	0.00		2	2	13	-236	-240	18	11	0.00	0.00	
2	2	9	-232	-236	13	11	0.00	0.00		2	2	-231	9	13	-235	11	0.00	0.00	
2	2	-227	4	9	-231	11	0.00	0.00		3	2	-229	5	10	-233	11	0.00	0.00	
3	2	-225	-226	-230	5	11	0.00	0.00		3	2	-233	10	14	-237	11	0.00	0.00	
3	2	10	-234	-238	14	11	0.00	0.00		3	2	-241	19	-247	-246	11	0.00	0.00	
3	2	19	-242	-248	-247	11	0.00	0.00		3	2	-224	-225	5	-229	11	0.00	0.00	
3	2	14	-238	-242	19	11	0.00	0.00		3	2	-237	14	19	-241	11	0.00	0.00	
3	2	5	-230	-234	10	11	0.00	0.00		4	3	-165	-166	-194	-193	11	0.00	0.00	
4	3	-194	-195	-223	-222	11	0.00	0.00		4	3	-193	-194	-222	-221	11	0.00	0.00	
4	3	-13	-14	-83	-82	11	0.00	0.00		4	3	-166	-167	-195	-194	11	0.00	0.00	
4	3	-12	-13	-82	-81	11	0.00	0.00		4	3	-81	-82	-110	-109	11	0.00	0.00	
4	3	-109	-110	-138	-137	11	0.00	0.00		4	3	-138	-139	-167	-166	11	0.00	0.00	
4	3	-110	-111	-139	-138	11	0.00	0.00		4	3	-82	-83	-111	-110	11	0.00	0.00	

Relazione di Calcolo - Ponte Torrente Gogna

4	3	-137	-138	-166	-165	11	0.00	0.00		5	3	-85	-86	-114	-113	11	0.00	0.00	
5	3	-141	-142	-170	-169	11	0.00	0.00		5	3	-140	-141	-169	-168	11	0.00	0.00	
5	3	-112	-113	-141	-140	11	0.00	0.00		5	3	-196	-197	-225	-224	11	0.00	0.00	
5	3	-17	-18	-85	-84	11	0.00	0.00		5	3	-197	-198	-226	-225	11	0.00	0.00	
5	3	-168	-169	-197	-196	11	0.00	0.00		5	3	-18	-19	-86	-85	11	0.00	0.00	
5	3	-84	-85	-113	-112	11	0.00	0.00		5	3	-169	-170	-198	-197	11	0.00	0.00	
5	3	-113	-114	-142	-141	11	0.00	0.00		6	3	-107	-106	-134	-135	11	0.00	0.00	
6	3	-135	-134	-162	-163	11	0.00	0.00		6	3	-69	-68	-107	-108	11	0.00	0.00	
6	3	-136	-135	-163	-164	11	0.00	0.00		6	3	-163	-162	-190	-191	11	0.00	0.00	
6	3	-192	-191	-219	-220	11	0.00	0.00		6	3	-164	-163	-191	-192	11	0.00	0.00	
6	3	-108	-107	-135	-136	11	0.00	0.00		6	3	-220	-219	-247	-248	11	0.00	0.00	
6	3	-219	-218	-246	-247	11	0.00	0.00		6	3	-191	-190	-218	-219	11	0.00	0.00	
6	3	-68	-67	-106	-107	11	0.00	0.00		7	3	-64	-63	-104	-105	11	0.00	0.00	
7	3	-217	-216	-244	-245	11	0.00	0.00		7	3	-189	-188	-216	-217	11	0.00	0.00	
7	3	-105	-104	-132	-133	11	0.00	0.00		7	3	-132	-131	-159	-160	11	0.00	0.00	
7	3	-104	-103	-131	-132	11	0.00	0.00		7	3	-188	-187	-215	-216	11	0.00	0.00	
7	3	-216	-215	-243	-244	11	0.00	0.00		7	3	-161	-160	-188	-189	11	0.00	0.00	
7	3	-133	-132	-160	-161	11	0.00	0.00		7	3	-63	-62	-103	-104	11	0.00	0.00	
7	3	-160	-159	-187	-188	11	0.00	0.00		8	3	-170	-174	-202	-198	11	0.00	0.00	
8	3	-198	-202	-230	-226	11	0.00	0.00		8	3	-206	-210	-238	-234	11	0.00	0.00	
8	3	-178	-182	-210	-206	11	0.00	0.00		8	3	-214	-220	-248	-242	11	0.00	0.00	
8	3	-186	-192	-220	-214	11	0.00	0.00		8	3	-19	-29	-90	-86	11	0.00	0.00	
8	3	-59	-69	-128	-102	11	0.00	0.00		8	3	-39	-49	-98	-94	11	0.00	0.00	
8	3	-49	-59	-102	-98	11	0.00	0.00		8	3	-29	-39	-94	-90	11	0.00	0.00	
8	3	-174	-178	-206	-202	11	0.00	0.00		8	3	-202	-206	-234	-230	11	0.00	0.00	
8	3	-126	-130	-158	-154	11	0.00	0.00		8	3	-98	-102	-130	-126	11	0.00	0.00	
8	3	-150	-154	-182	-178	11	0.00	0.00		8	3	-94	-98	-126	-122	11	0.00	0.00	
8	3	-210	-214	-242	-238	11	0.00	0.00		8	3	-114	-118	-146	-142	11	0.00	0.00	
8	3	-86	-90	-118	-114	11	0.00	0.00		8	3	-130	-136	-164	-158	11	0.00	0.00	
8	3	-182	-186	-214	-210	11	0.00	0.00		8	3	-142	-146	-174	-170	11	0.00	0.00	
8	3	-154	-158	-186	-182	11	0.00	0.00		8	3	-146	-150	-178	-174	11	0.00	0.00	
8	3	-118	-122	-150	-146	11	0.00	0.00		8	3	-158	-164	-192	-186	11	0.00	0.00	
8	3	-122	-126	-154	-150	11	0.00	0.00		8	3	-102	-108	-136	-130	11	0.00	0.00	
8	3	-90	-94	-122	-118	11	0.00	0.00		9	3	-121	-117	-145	-149	11	0.00	0.00	
9	3	-67	-57	-101	-106	11	0.00	0.00		9	3	-97	-93	-121	-125	11	0.00	0.00	
9	3	-157	-153	-181	-185	11	0.00	0.00		9	3	-149	-145	-173	-177	11	0.00	0.00	
9	3	-27	-17	-84	-89	11	0.00	0.00		9	3	-153	-149	-177	-181	11	0.00	0.00	
9	3	-93	-89	-117	-121	11	0.00	0.00		9	3	-205	-201	-229	-233	11	0.00	0.00	
9	3	-190	-185	-213	-218	11	0.00	0.00		9	3	-129	-125	-153	-157	11	0.00	0.00	
9	3	-101	-97	-125	-129	11	0.00	0.00		9	3	-125	-121	-149	-153	11	0.00	0.00	
9	3	-57	-47	-97	-101	11	0.00	0.00		9	3	-185	-181	-209	-213	11	0.00	0.00	
9	3	-213	-209	-237	-241	11	0.00	0.00		9	3	-89	-84	-112	-117	11	0.00	0.00	
9	3	-117	-112	-140	-145	11	0.00	0.00		9	3	-145	-140	-168	-173	11	0.00	0.00	
9	3	-177	-173	-201	-205	11	0.00	0.00		9	3	-162	-157	-185	-190	11	0.00	0.00	
9	3	-134	-129	-157	-162	11	0.00	0.00		9	3	-173	-168	-196	-201	11	0.00	0.00	
9	3	-201	-196	-224	-229	11	0.00	0.00		9	3	-209	-205	-233	-237	11	0.00	0.00	
9	3	-37	-27	-89	-93	11	0.00	0.00		9	3	-181	-177	-205	-209	11	0.00	0.00	
9	3	-47	-37	-93	-97	11	0.00	0.00		9	3	-218	-213	-241	-246	11	0.00	0.00	
9	3	-106	-101	-129	-134	11	0.00	0.00		10	3	-152	-156	-184	-180	11	0.00	0.00	
10	3	-124	-128	-156	-152	11	0.00	0.00		10	3	-144	-148	-176	-172	11	0.00	0.00	
10	3	-116	-120	-148	-144	11	0.00	0.00		10	3	-96	-100	-128	-124	11	0.00	0.00	
10	3	-148	-152	-180	-176	11	0.00	0.00		10	3	-195	-200	-228	-223	11	0.00	0.00	
10	3	-24	-34	-92	-88	11	0.00	0.00		10	3	-172	-176	-204	-200	11	0.00	0.00	
10	3	-139	-144	-172	-167	11	0.00	0.00		10	3	-111	-116	-144	-139	11	0.00	0.00	
10	3	-83	-88	-116	-111	11	0.00	0.00		10	3	-88	-92	-120	-116	11	0.00	0.00	
10	3	-14	-24	-88	-83	11	0.00	0.00		10	3	-44	-54	-100	-96	11	0.00	0.00	
10	3	-92	-96	-124	-120	11	0.00	0.00		10	3	-120	-124	-152	-148	11	0.00	0.00	
10	3	-167	-172	-200	-195	11	0.00	0.00		10	3	-184	-189	-217	-212	11	0.00	0.00	
10	3	-212	-217	-245	-240	11	0.00	0.00		10	3	-156	-161	-189	-184	11	0.00	0.00	
10	3	-200	-204	-232	-228	11	0.00	0.00		10	3	-34	-44	-96	-92	11	0.00	0.00	
10	3	-176	-180	-208	-204	11	0.00	0.00		10	3	-204	-208	-236	-232	11	0.00	0.00	
10	3	-128	-133	-161	-156	11	0.00	0.00		10	3	-180	-184	-212	-208	11	0.00	0.00	
10	3	-208	-212	-240	-236	11	0.00	0.00		10	3	-54	-64	-105	-100	11	0.00	0.00	
10	3	-100	-105	-133	-128	11	0.00	0.00		11	3	-103	-99	-127	-131	11	0.00	0.00	
11	3	-187	-183	-211	-215	11	0.00	0.00		11	3	-215	-211	-239	-243	11	0.00	0.00	
11	3	-52	-42	-95	-99	11	0.00	0.00		11	3	-159	-155	-183	-187	11	0.00	0.00	
11	3	-131	-127	-155	-159	11	0.00	0.00		11	3	-62	-52	-99	-103	11	0.00	0.00	
11	3	-179	-175	-203	-207	11	0.00	0.00		11	3	-207	-203	-231	-235	11	0.00	0.00	
11	3	-32	-22	-87	-91	11	0.00	0.00		11	3	-175	-171	-199	-203	11	0.00	0.00	
11	3	-203	-199	-227	-231	11	0.00	0.00		11	3	-22	-12	-81	-87	11	0.00	0.00	
11	3	-171	-165	-193	-199	11	0.00	0.00		11	3	-199	-193	-221	-227	11	0.00	0.00	
11	3	-183	-179	-207	-211	11	0.00	0.00		11	3	-211	-207	-235	-239	11	0.00	0.00	
11	3	-42	-32	-91	-95	11	0.00	0.00		11	3	-99	-95	-123	-127	11	0.00	0.00	
11	3	-127	-123	-151	-155	11	0.00	0.00		11	3	-155	-151	-179	-183	11	0.00	0.00	
11	3	-95	-91	-119	-123	11	0.00	0.00		11	3	-123	-119	-147	-151	11	0.00	0.00	
11	3	-151	-147	-175	-179	11	0.00	0.00		11	3	-91	-87	-115	-119	11	0.00	0.00	
11	3	-119	-115	-143	-147	11	0.00	0.00		11	3	-147	-143	-171	-175	11	0.00	0.00	
11	3	-87	-81	-109	-115	11	0.00	0.00		11	3	-115	-109	-137	-143	11	0.00	0.00	
11	3	-143	-137	-165	-171	11	0.00	0.00		12	4	-3	-1	-13	-12	33	0.00	0.00	60000.00

Relazione di Calcolo – Ponte Torrente Gogna

12	4	-13	-23	-22	-12	33	0.00	0.00	60000.00	12	4	-23	-33	-32	-22	33	0.00	0.00	60000.00
12	4	-33	-43	-42	-32	33	0.00	0.00	60000.00	12	4	-43	-53	-52	-42	33	0.00	0.00	60000.00
12	4	-53	-63	-62	-52	33	0.00	0.00	60000.00	12	4	-63	-79	-75	-62	33	0.00	0.00	60000.00
12	4	-75	-71	-61	-62	33	0.00	0.00	60000.00	12	4	-62	-61	-51	-52	33	0.00	0.00	60000.00
12	4	-51	-41	-42	-52	33	0.00	0.00	60000.00	12	4	-41	-31	-32	-42	33	0.00	0.00	60000.00
12	4	-31	-21	-22	-32	33	0.00	0.00	60000.00	12	4	-21	-11	-12	-22	33	0.00	0.00	60000.00
12	4	-11	-7	-3	-12	33	0.00	0.00	60000.00	12	4	-1	-4	-14	-13	33	0.00	0.00	60000.00
12	4	-4	-8	-15	-14	33	0.00	0.00	60000.00	12	4	-15	-25	-24	-14	33	0.00	0.00	60000.00
12	4	-24	-23	-13	-14	33	0.00	0.00	60000.00	12	4	-25	-35	-34	-24	33	0.00	0.00	60000.00
12	4	-34	-33	-23	-24	33	0.00	0.00	60000.00	12	4	-35	-45	-44	-34	33	0.00	0.00	60000.00
12	4	-44	-43	-33	-34	33	0.00	0.00	60000.00	12	4	-55	-54	-44	-45	33	0.00	0.00	60000.00
12	4	-55	-65	-64	-54	33	0.00	0.00	60000.00	12	4	-65	-72	-76	-64	33	0.00	0.00	60000.00
12	4	-76	-79	-63	-64	33	0.00	0.00	60000.00	12	4	-63	-53	-54	-64	33	0.00	0.00	60000.00
12	4	-53	-43	-44	-54	33	0.00	0.00	60000.00	13	4	-58	-48	-49	-59	33	0.00	0.00	60000.00
13	4	-68	-58	-59	-69	33	0.00	0.00	60000.00	13	4	-78	-80	-68	-69	33	0.00	0.00	60000.00
13	4	-70	-74	-78	-69	33	0.00	0.00	60000.00	13	4	-60	-70	-69	-59	33	0.00	0.00	60000.00
13	4	-60	-59	-49	-50	33	0.00	0.00	60000.00	13	4	-49	-48	-38	-39	33	0.00	0.00	60000.00
13	4	-40	-50	-49	-39	33	0.00	0.00	60000.00	13	4	-39	-38	-28	-29	33	0.00	0.00	60000.00
13	4	-30	-40	-39	-29	33	0.00	0.00	60000.00	13	4	-29	-28	-18	-19	33	0.00	0.00	60000.00
13	4	-20	-30	-29	-19	33	0.00	0.00	60000.00	13	4	-6	-10	-20	-19	33	0.00	0.00	60000.00
13	4	-2	-6	-19	-18	33	0.00	0.00	60000.00	13	4	-16	-9	-5	-17	33	0.00	0.00	60000.00
13	4	-26	-16	-17	-27	33	0.00	0.00	60000.00	13	4	-36	-26	-27	-37	33	0.00	0.00	60000.00
13	4	-46	-36	-37	-47	33	0.00	0.00	60000.00	13	4	-56	-46	-47	-57	33	0.00	0.00	60000.00
13	4	-67	-66	-56	-57	33	0.00	0.00	60000.00	13	4	-77	-73	-66	-67	33	0.00	0.00	60000.00
13	4	-68	-80	-77	-67	33	0.00	0.00	60000.00	13	4	-58	-68	-67	-57	33	0.00	0.00	60000.00
13	4	-48	-58	-57	-47	33	0.00	0.00	60000.00	13	4	-38	-48	-47	-37	33	0.00	0.00	60000.00
13	4	-28	-38	-37	-27	33	0.00	0.00	60000.00	13	4	-18	-28	-27	-17	33	0.00	0.00	60000.00
13	4	-5	-2	-18	-17	33	0.00	0.00	60000.00										

Elenco tipi plinti/pali

Simbologia

Tl	= Numero del tipo plinto/palo
Tipo	= Tipologia
	Gra = Gradoni
	Pir = Piramidale
	P = Palo
	T3 = Triangolare 3 pali
	T3B = Triangolare 3 pali + bicchiere
	R = Rettangolare
	RB = Rettangolare + bicchiere
	R1 = Rettangolare 1 palo
	R1B = Rettangolare 1 palo + bicchiere
	R2x = Rettangolare 2 pali dir. X
	R2xB = Rettangolare 2 pali dir. X + bicchiere
	R2y = Rettangolare 2 pali dir. Y
	R2B = Rettangolare 2 pali dir. Y + bicchiere
	R4 = Rettangolare 4 pali
	R4B = Rettangolare 4 pali + bicchiere
	P5 = Pentagonale 5 pali
	P5B = Pentagonale 5 pali + bicchiere
	E6 = Esagonale 6 pali
	E6B = Esagonale 6 pali + bicchiere
Tp	= Tipo palo
	ND = Non definito
	BP = Battuto prefabbricato
	BGO = Battuto gettato in opera
	T = Trivellato
	TEC = Trivellato con elica continua
	MP = Micropalo
Comm.	= Commento
Lp	= Lunghezza pali
R	= Rotazione testa
	B = Bloccata
	L = Libera
Dp	= Diametro pali
Crit.	= Numero del criterio di progetto

Tl	Tipo	Tp	Comm.	Lp <m>	R	Dp <m>	Crit.
1	P	T		22.00	L	0.80	1

Elenco plinti/pali

Simbologia

L	= Plinto/Palo
Tl	= Numero del tipo plinto/palo

Relazione di Calcolo - Ponte Torrente Gogna

Nodo	=	Nodo plinto/palo
Kt	=	Coeff. di sottofondo su suolo elastico alla Winkler

L	Tl	Nodo	Kt <kN/mc>	L	Tl	Nodo	Kt <kN/mc>	L	Tl	Nodo	Kt <kN/mc>	L	Tl	Nodo	Kt <kN/mc>	L	Tl	Nodo	Kt <kN/mc>
1	1	3	---	4	1	6	---	13	1	17	---	16	1	20	---	17	1	23	---
18	1	24	---																

Carichi

Condizioni di carico elementari

Simbologia

CCE	=	Numero della condizione di carico elementare
Comm.	=	Commento
Mx	=	Moltiplicatore della massa in dir. X
My	=	Moltiplicatore della massa in dir. Y
Mz	=	Moltiplicatore della massa in dir. Z
Jpx	=	Moltiplicatore del momento d'inerzia intorno all'asse X
Jpy	=	Moltiplicatore del momento d'inerzia intorno all'asse Y
Jpz	=	Moltiplicatore del momento d'inerzia intorno all'asse Z
Tipo CCE	=	Tipo di CCE per calcolo agli stati limite
Sicurezza	=	Contributo alla sicurezza
	=	F = a favore
	=	S = a sfavore
	=	A = ambigua
Variabilità	=	Tipo di variabilità
	=	B = di base
	=	I = indipendente
	=	A = ambigua

CCE	Comm.	Mx	My	Mz	Jpx	Jpy	Jpz	Tipo CCE	Sicurezza	Variabilità
1	Permanenti	1.00	1.00	1.00	0.00	0.00	1.00	21 D.M. 08 Permanenti strutturali - carichi stradali	S	--
2	Permanenti non strutturali	1.00	1.00	1.00	0.00	0.00	1.00	2 D.M. 08 Permanenti non strutturali	A	--
3	Schema 1-A	0.00	0.00	0.00	0.00	0.00	0.00	19 Carichi variabili da traffico	S	B
4	Schema 1-B	0.00	0.00	0.00	0.00	0.00	0.00	19 Carichi variabili da traffico	S	B
5	Schema 1-C	0.00	0.00	0.00	0.00	0.00	0.00	19 Carichi variabili da traffico	S	B
6	Schema 1-D	0.00	0.00	0.00	0.00	0.00	0.00	19 Carichi variabili da traffico	S	B
7	Schwma 1-C.1	0.00	0.00	0.00	0.00	0.00	0.00	19 Carichi variabili da traffico	S	B
8	Schema 5	0.00	0.00	0.00	0.00	0.00	0.00	20 Carichi Variabili da traffico (Folla)	S	B

Elenco carichi nodi

Condizione di carico n. 3: Schema 1-A

Carichi concentrati

Simbologia

Nodo	=	Numero del nodo
Px	=	Componente X della forza applicata
Py	=	Componente Y della forza applicata
Pz	=	Componente Z della forza applicata
Mx	=	Momento intorno all'asse X
My	=	Momento intorno all'asse Y
Mz	=	Momento intorno all'asse Z

Nodo	Px <kN>	Py <kN>	Pz <kN>	Mx <kNm>	My <kNm>	Mz <kNm>	Nodo	Px <kN>	Py <kN>	Pz <kN>	Mx <kNm>	My <kNm>	Mz <kNm>
-676	0.00	0.00	150.00	0.00	0.00	0.00	-675	0.00	0.00	150.00	0.00	0.00	0.00
-598	0.00	0.00	150.00	0.00	0.00	0.00	-596	0.00	0.00	150.00	0.00	0.00	0.00
-522	0.00	0.00	100.00	0.00	0.00	0.00	-520	0.00	0.00	100.00	0.00	0.00	0.00
-445	0.00	0.00	100.00	0.00	0.00	0.00	-444	0.00	0.00	100.00	0.00	0.00	0.00

Elenco carichi nodi

Condizione di carico n. 4: Schema 1-B

Carichi concentrati

Nodo	Px <kN>	Py <kN>	Pz <kN>	Mx <kNm>	My <kNm>	Mz <kNm>	Nodo	Px <kN>	Py <kN>	Pz <kN>	Mx <kNm>	My <kNm>	Mz <kNm>
-683	0.00	0.00	150.00	0.00	0.00	0.00	-681	0.00	0.00	150.00	0.00	0.00	0.00
-605	0.00	0.00	150.00	0.00	0.00	0.00	-603	0.00	0.00	150.00	0.00	0.00	0.00
-529	0.00	0.00	100.00	0.00	0.00	0.00	-527	0.00	0.00	100.00	0.00	0.00	0.00
-452	0.00	0.00	100.00	0.00	0.00	0.00	-450	0.00	0.00	100.00	0.00	0.00	0.00

Elenco carichi nodi

Condizione di carico n. 5: Schema 1-C

Carichi concentrati

Nodo	Px	Py	Pz	Mx	My	Mz	Nodo	Px	Py	Pz	Mx	My	Mz
------	----	----	----	----	----	----	------	----	----	----	----	----	----

	<kN>	<kN>	<kN>	<kNm>	<kNm>	<kNm>		<kN>	<kN>	<kN>	<kNm>	<kNm>	<kNm>
-690	0.00	0.00	150.00	0.00	0.00	0.00	-688	0.00	0.00	150.00	0.00	0.00	0.00
-613	0.00	0.00	150.00	0.00	0.00	0.00	-610	0.00	0.00	150.00	0.00	0.00	0.00
-537	0.00	0.00	100.00	0.00	0.00	0.00	-534	0.00	0.00	100.00	0.00	0.00	0.00
-459	0.00	0.00	100.00	0.00	0.00	0.00	-457	0.00	0.00	100.00	0.00	0.00	0.00

Elenco carichi nodi

Condizione di carico n. 6: Schema 1-D

Carichi concentrati

Nodo	Px <kN>	Py <kN>	Pz <kN>	Mx <kNm>	My <kNm>	Mz <kNm>	Nodo	Px <kN>	Py <kN>	Pz <kN>	Mx <kNm>	My <kNm>	Mz <kNm>
-694	0.00	0.00	150.00	0.00	0.00	0.00	-692	0.00	0.00	150.00	0.00	0.00	0.00
-617	0.00	0.00	150.00	0.00	0.00	0.00	-615	0.00	0.00	150.00	0.00	0.00	0.00
-541	0.00	0.00	100.00	0.00	0.00	0.00	-539	0.00	0.00	100.00	0.00	0.00	0.00
-463	0.00	0.00	100.00	0.00	0.00	0.00	-461	0.00	0.00	100.00	0.00	0.00	0.00

Elenco carichi nodi

Condizione di carico n. 7: Schema 1-C_1

Carichi concentrati

Nodo	Px <kN>	Py <kN>	Pz <kN>	Mx <kNm>	My <kNm>	Mz <kNm>	Nodo	Px <kN>	Py <kN>	Pz <kN>	Mx <kNm>	My <kNm>	Mz <kNm>
-689	0.00	0.00	150.00	0.00	0.00	0.00	-687	0.00	0.00	150.00	0.00	0.00	0.00
-611	0.00	0.00	150.00	0.00	0.00	0.00	-609	0.00	0.00	150.00	0.00	0.00	0.00
-535	0.00	0.00	100.00	0.00	0.00	0.00	-533	0.00	0.00	100.00	0.00	0.00	0.00
-458	0.00	0.00	100.00	0.00	0.00	0.00	-456	0.00	0.00	100.00	0.00	0.00	0.00

Elenco carichi aste

Condizione di carico n. 1: Permanenti

Carichi distribuiti

Simbologia

Asta	=	Numero dell'asta
N1	=	Nodo iniziale
N2	=	Nodo finale
S	=	Numero del solaio di provenienza
T	=	Tipo di carico
		QA = Carico accidentale da solaio
		QPS = Carico permanente strutturale da solaio
		QPN = Carico permanente non strutturale da solaio
		PP = Peso proprio
		M = Manuale
DC	=	Direzione del carico
		XG,YG,ZG = secondo gli assi Globali
		XL,YL,ZL = secondo gli assi Locali
Xi	=	Distanza iniziale
Qi	=	Carico iniziale
Xf	=	Distanza finale
Qf	=	Carico finale

Asta	N1	N2	S	T	DC	Xi <m>	Qi <kN/m>	Xf <m>	Qf <kN/m>	Asta	N1	N2	S	T	DC	Xi <m>	Qi <kN/m>	Xf <m>	Qf <kN/m>
1	1	25	--	PP	ZG	0.00	15.63	0.85	15.63	2	2	26	--	PP	ZG	0.00	15.63	0.85	15.63
3	3	29	--	PP	ZG	0.00	4.00	0.85	4.00	4	4	30	--	PP	ZG	0.00	4.00	0.85	4.00
5	5	31	--	PP	ZG	0.00	4.00	0.85	4.00	6	6	32	--	PP	ZG	0.00	4.00	0.85	4.00
7	7	-249	--	PP	ZG	0.00	1.17	0.35	1.17	8	8	34	--	PP	ZG	0.00	4.00	0.85	4.00
9	9	35	--	PP	ZG	0.00	4.00	0.85	4.00	10	10	36	--	PP	ZG	0.00	4.00	0.85	4.00
11	11	37	--	PP	ZG	0.00	4.00	0.85	4.00	12	12	38	--	PP	ZG	0.00	4.00	0.85	4.00
13	13	39	--	PP	ZG	0.00	4.00	0.85	4.00	14	14	40	--	PP	ZG	0.00	4.00	0.85	4.00
15	15	41	--	PP	ZG	0.00	4.00	0.85	4.00	16	16	-250	--	PP	ZG	0.00	1.17	0.35	1.17
17	17	43	--	PP	ZG	0.00	4.00	0.85	4.00	18	18	44	--	PP	ZG	0.00	4.00	0.85	4.00
19	19	45	--	PP	ZG	0.00	4.00	0.85	4.00	20	20	46	--	PP	ZG	0.00	4.00	0.85	4.00
21	21	47	--	PP	ZG	0.00	15.63	0.85	15.63	22	22	48	--	PP	ZG	0.00	15.63	0.85	15.63
33	-249	33	--	PP	ZG	0.00	4.00	0.50	4.00	42	-250	42	--	PP	ZG	0.00	4.00	0.50	4.00
203	1	3	--	M	ZG	0.00	10.00	2.25	10.00	203	1	3	--	PP	ZG	0.00	21.88	2.25	21.88
203	3	7	--	M	ZG	0.00	10.00	0.83	10.00	203	3	7	--	PP	ZG	0.00	21.88	0.83	21.88
203	7	8	--	M	ZG	0.00	10.00	1.67	10.00	203	7	8	--	PP	ZG	0.00	21.88	1.67	21.88
203	8	23	--	M	ZG	0.00	10.00	1.25	10.00	203	8	23	--	PP	ZG	0.00	21.88	1.25	21.88
203	23	12	--	M	ZG	0.00	10.00	1.25	10.00	203	23	12	--	PP	ZG	0.00	21.88	1.25	21.88
203	12	16	--	M	ZG	0.00	10.00	1.50	10.00	203	12	16	--	PP	ZG	0.00	21.88	1.50	21.88
203	16	17	--	M	ZG	0.00	10.00	1.00	10.00	203	16	17	--	PP	ZG	0.00	21.88	1.00	21.88
203	17	21	--	M	ZG	0.00	10.00	2.25	10.00	203	17	21	--	PP	ZG	0.00	21.88	2.25	21.88
204	2	6	--	M	ZG	0.00	10.00	2.25	10.00	204	2	6	--	PP	ZG	0.00	21.88	2.25	21.88
204	6	11	--	M	ZG	0.00	10.00	2.50	10.00	204	6	11	--	PP	ZG	0.00	21.88	2.50	21.88
204	11	24	--	M	ZG	0.00	10.00	1.25	10.00	204	11	24	--	PP	ZG	0.00	21.88	1.25	21.88
204	24	15	--	M	ZG	0.00	10.00	1.25	10.00	204	24	15	--	PP	ZG	0.00	21.88	1.25	21.88

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204	15	20	--	M	ZG	0.00	10.00	2.50	10.00
204	20	22	--	M	ZG	0.00	10.00	2.25	10.00

204	15	20	--	PP	ZG	0.00	21.88	2.50	21.88
204	20	22	--	PP	ZG	0.00	21.88	2.25	21.88

Elenco carichi aste

Condizione di carico n. 2: Peranenti non strutturali

Carichi distribuiti

Asta	N1	N2	S	T	DC	Xi <m>	Qi <kN/m>	Xf <m>	Qf <kN/m>
0	-251	27	--	M	ZG	0.00	2.50	0.47	2.50
0	-289	-290	--	M	ZG	0.00	2.50	0.47	2.50
0	-290	-291	--	M	ZG	0.00	2.50	1.13	2.50
0	-291	-292	--	M	ZG	0.00	2.50	0.75	2.50
0	-292	-293	--	M	ZG	0.00	2.50	0.94	2.50
0	-293	-294	--	M	ZG	0.00	2.50	0.94	2.50
0	-294	-295	--	M	ZG	0.00	2.50	0.94	2.50
0	-295	-296	--	M	ZG	0.00	2.50	0.74	2.50
0	-296	-297	--	M	ZG	0.00	2.50	0.80	2.50
0	-297	-298	--	M	ZG	0.00	2.50	0.80	2.50
0	-298	-299	--	M	ZG	0.00	2.50	0.91	2.50
0	-711	-712	--	M	ZG	0.00	2.50	0.47	2.50
0	-712	-713	--	M	ZG	0.00	2.50	0.73	2.50
0	-300	-301	--	M	ZG	0.00	2.50	0.91	2.50
0	-713	-714	--	M	ZG	0.00	2.50	1.15	2.50
0	-263	-264	--	M	ZG	0.00	2.50	0.85	2.50
0	-714	-715	--	M	ZG	0.00	2.50	0.94	2.50
0	-753	-754	--	M	ZG	0.00	2.50	1.15	2.50
0	-265	-266	--	M	ZG	0.00	2.50	0.05	2.50
0	-715	-716	--	M	ZG	0.00	2.50	0.94	2.50
0	-303	-304	--	M	ZG	0.00	2.50	0.75	2.50
0	-716	-717	--	M	ZG	0.00	2.50	0.94	2.50
0	-305	-306	--	M	ZG	0.00	2.50	0.80	2.50
0	-717	-718	--	M	ZG	0.00	2.50	0.94	2.50
0	-306	-307	--	M	ZG	0.00	2.50	1.35	2.50
0	-718	-719	--	M	ZG	0.00	2.50	0.60	2.50
0	-269	-270	--	M	ZG	0.00	2.50	0.80	2.50
0	-307	-308	--	M	ZG	0.00	2.50	1.08	2.50
0	-270	-271	--	M	ZG	0.00	2.50	0.80	2.50
0	-308	-309	--	M	ZG	0.00	2.50	0.80	2.50
0	-271	-272	--	M	ZG	0.00	2.50	1.08	2.50
0	-309	-310	--	M	ZG	0.00	2.50	0.80	2.50
0	-272	-273	--	M	ZG	0.00	2.50	1.08	2.50
0	-310	-311	--	M	ZG	0.00	2.50	1.08	2.50
0	-273	-274	--	M	ZG	0.00	2.50	1.08	2.50
0	-762	-763	--	M	ZG	0.00	2.50	0.91	2.50
0	-274	-275	--	M	ZG	0.00	2.50	0.91	2.50
0	-724	-725	--	M	ZG	0.00	2.50	0.65	2.50
0	-725	-726	--	M	ZG	0.00	2.50	0.55	2.50
0	-726	-727	--	M	ZG	0.00	2.50	0.05	2.50
0	-764	-765	--	M	ZG	0.00	2.50	0.65	2.50
0	-276	-277	--	M	ZG	0.00	2.50	0.91	2.50
0	-314	-315	--	M	ZG	0.00	2.50	0.91	2.50
0	-728	-729	--	M	ZG	0.00	2.50	1.55	2.50
0	-277	-278	--	M	ZG	0.00	2.50	0.91	2.50
0	-278	-279	--	M	ZG	0.00	2.50	0.91	2.50
0	-316	-317	--	M	ZG	0.00	2.50	0.91	2.50
0	-279	-280	--	M	ZG	0.00	2.50	0.91	2.50
0	-730	-731	--	M	ZG	0.00	2.50	0.60	2.50
0	-280	-281	--	M	ZG	0.00	2.50	0.80	2.50
0	-318	-319	--	M	ZG	0.00	2.50	0.91	2.50
0	-281	-282	--	M	ZG	0.00	2.50	0.80	2.50
0	-319	-320	--	M	ZG	0.00	2.50	0.80	2.50
0	-282	-283	--	M	ZG	0.00	2.50	0.91	2.50
0	-733	-734	--	M	ZG	0.00	2.50	1.01	2.50
0	-283	-284	--	M	ZG	0.00	2.50	0.91	2.50
0	-734	-735	--	M	ZG	0.00	2.50	1.14	2.50
0	-284	-285	--	M	ZG	0.00	2.50	0.91	2.50
0	-735	-736	--	M	ZG	0.00	2.50	0.91	2.50
0	-774	-775	--	M	ZG	0.00	2.50	1.14	2.50
0	-736	-737	--	M	ZG	0.00	2.50	0.91	2.50
0	-775	-776	--	M	ZG	0.00	2.50	0.91	2.50
0	-737	-738	--	M	ZG	0.00	2.50	0.91	2.50
0	-776	-777	--	M	ZG	0.00	2.50	0.91	2.50
0	28	-288	--	M	ZG	0.00	2.50	0.47	2.50
0	-777	-778	--	M	ZG	0.00	2.50	0.91	2.50
0	-739	-740	--	M	ZG	0.00	2.50	0.91	2.50
0	-778	-779	--	M	ZG	0.00	2.50	0.91	2.50
0	-779	-780	--	M	ZG	0.00	2.50	0.91	2.50
0	-780	-781	--	M	ZG	0.00	2.50	1.11	2.50

Asta	N1	N2	S	T	DC	Xi <m>	Qi <kN/m>	Xf <m>	Qf <kN/m>
0	27	-252	--	M	ZG	0.00	2.50	1.13	2.50
0	-252	-253	--	M	ZG	0.00	2.50	0.75	2.50
0	-253	-254	--	M	ZG	0.00	2.50	0.94	2.50
0	-254	-255	--	M	ZG	0.00	2.50	0.94	2.50
0	-255	-256	--	M	ZG	0.00	2.50	0.94	2.50
0	-256	-257	--	M	ZG	0.00	2.50	0.74	2.50
0	-257	-258	--	M	ZG	0.00	2.50	0.80	2.50
0	-258	-259	--	M	ZG	0.00	2.50	0.80	2.50
0	-259	-260	--	M	ZG	0.00	2.50	0.91	2.50
0	-260	-261	--	M	ZG	0.00	2.50	0.91	2.50
0	-261	-262	--	M	ZG	0.00	2.50	0.91	2.50
0	-299	-300	--	M	ZG	0.00	2.50	0.91	2.50
0	-262	-263	--	M	ZG	0.00	2.50	1.08	2.50
0	-751	-752	--	M	ZG	0.00	2.50	0.47	2.50
0	-752	-753	--	M	ZG	0.00	2.50	0.73	2.50
0	-301	-302	--	M	ZG	0.00	2.50	1.08	2.50
0	-264	-265	--	M	ZG	0.00	2.50	0.75	2.50
0	-302	-303	--	M	ZG	0.00	2.50	0.85	2.50
0	-266	-267	--	M	ZG	0.00	2.50	0.80	2.50
0	-754	-755	--	M	ZG	0.00	2.50	0.94	2.50
0	-304	-305	--	M	ZG	0.00	2.50	0.05	2.50
0	-267	-268	--	M	ZG	0.00	2.50	1.35	2.50
0	-755	-756	--	M	ZG	0.00	2.50	0.94	2.50
0	-756	-757	--	M	ZG	0.00	2.50	0.94	2.50
0	-268	-269	--	M	ZG	0.00	2.50	1.08	2.50
0	-757	-758	--	M	ZG	0.00	2.50	0.94	2.50
0	-719	-720	--	M	ZG	0.00	2.50	0.60	2.50
0	-758	-759	--	M	ZG	0.00	2.50	0.60	2.50
0	-720	-721	--	M	ZG	0.00	2.50	1.11	2.50
0	-759	-760	--	M	ZG	0.00	2.50	0.60	2.50
0	-721	-722	--	M	ZG	0.00	2.50	0.91	2.50
0	-760	-761	--	M	ZG	0.00	2.50	1.11	2.50
0	-722	-723	--	M	ZG	0.00	2.50	0.91	2.50
0	-761	-762	--	M	ZG	0.00	2.50	0.91	2.50
0	-311	-312	--	M	ZG	0.00	2.50	1.08	2.50
0	-723	-724	--	M	ZG	0.00	2.50	1.48	2.50
0	-312	-313	--	M	ZG	0.00	2.50	1.08	2.50
0	-763	-764	--	M	ZG	0.00	2.50	1.48	2.50
0	-275	-276	--	M	ZG	0.00	2.50	0.91	2.50
0	-313	-314	--	M	ZG	0.00	2.50	0.91	2.50
0	-727	-728	--	M	ZG	0.00	2.50	0.60	2.50
0	-765	-766	--	M	ZG	0.00	2.50	0.55	2.50
0	-766	-767	--	M	ZG	0.00	2.50	0.05	2.50
0	-767	-768	--	M	ZG	0.00	2.50	0.60	2.50
0	-315	-316	--	M	ZG	0.00	2.50	0.91	2.50
0	-768	-769	--	M	ZG	0.00	2.50	1.55	2.50
0	-729	-730	--	M	ZG	0.00	2.50	1.27	2.50
0	-317	-318	--	M	ZG	0.00	2.50	0.91	2.50
0	-769	-770	--	M	ZG	0.00	2.50	1.27	2.50
0	-731	-732	--	M	ZG	0.00	2.50	0.60	2.50
0	-770	-771	--	M	ZG	0.00	2.50	0.60	2.50
0	-732	-733	--	M	ZG	0.00	2.50	1.27	2.50
0	-771	-772	--	M	ZG	0.00	2.50	0.60	2.50
0	-320	-321	--	M	ZG	0.00	2.50	0.80	2.50
0	-772	-773	--	M	ZG	0.00	2.50	1.27	2.50
0	-321	-322	--	M	ZG	0.00	2.50	0.91	2.50
0	-773	-774	--	M	ZG	0.00	2.50	1.01	2.50
0	-322	-323	--	M	ZG	0.00	2.50	0.91	2.50
0	-285	-286	--	M	ZG	0.00	2.50	0.91	2.50
0	-323	-324	--	M	ZG	0.00	2.50	0.91	2.50
0	-286	-287	--	M	ZG	0.00	2.50	0.91	2.50
0	-324	-325	--	M	ZG	0.00	2.50	0.91	2.50
0	-287	28	--	M	ZG	0.00	2.50	0.91	2.50
0	-325	-326	--	M	ZG	0.00	2.50	0.91	2.50
0	-738	-739	--	M	ZG	0.00	2.50	0.91	2.50
0	-326	-327	--	M	ZG	0.00	2.50	0.91	2.50
0	-327	-328	--	M	ZG	0.00	2.50	0.47	2.50
0	-740	-741	--	M	ZG	0.00	2.50	1.11	2.50
0	-741	-742	--	M	ZG	0.00	2.50	0.60	2.50
0	-742	-743	--	M	ZG	0.00	2.50	0.60	2.50

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0	-781	-782	--	M	ZG	0.00	2.50	0.60	2.50	0	-743	-744	--	M	ZG	0.00	2.50	1.11	2.50
0	-782	-783	--	M	ZG	0.00	2.50	0.60	2.50	0	-744	-745	--	M	ZG	0.00	2.50	0.91	2.50
0	-783	-784	--	M	ZG	0.00	2.50	1.11	2.50	0	-745	-746	--	M	ZG	0.00	2.50	0.91	2.50
0	-784	-785	--	M	ZG	0.00	2.50	0.91	2.50	0	-746	-747	--	M	ZG	0.00	2.50	0.91	2.50
0	-785	-786	--	M	ZG	0.00	2.50	0.91	2.50	0	-747	-748	--	M	ZG	0.00	2.50	0.91	2.50
0	-786	-787	--	M	ZG	0.00	2.50	0.91	2.50	0	-748	-749	--	M	ZG	0.00	2.50	0.91	2.50
0	-787	-788	--	M	ZG	0.00	2.50	0.91	2.50	0	-749	-750	--	M	ZG	0.00	2.50	0.47	2.50
0	-788	-789	--	M	ZG	0.00	2.50	0.91	2.50	0	-789	-790	--	M	ZG	0.00	2.50	0.47	2.50
203	1	3	--	M	ZG	0.00	15.00	2.25	15.00	203	3	7	--	M	ZG	0.00	15.00	0.83	15.00
203	7	8	--	M	ZG	0.00	15.00	1.67	15.00	203	8	23	--	M	ZG	0.00	15.00	1.25	15.00
203	23	12	--	M	ZG	0.00	15.00	1.25	15.00	203	12	16	--	M	ZG	0.00	15.00	1.50	15.00
203	16	17	--	M	ZG	0.00	15.00	1.00	15.00	203	17	21	--	M	ZG	0.00	15.00	2.25	15.00
204	2	6	--	M	ZG	0.00	15.00	2.25	15.00	204	6	11	--	M	ZG	0.00	15.00	2.50	15.00
204	11	24	--	M	ZG	0.00	15.00	1.25	15.00	204	24	15	--	M	ZG	0.00	15.00	1.25	15.00
204	15	20	--	M	ZG	0.00	15.00	2.50	15.00	204	20	22	--	M	ZG	0.00	15.00	2.25	15.00

Elenco carichi elementi bidimensionali Condizione di carico n. 1: Permanenti Carichi uniformi

Simbologia

Bid.	= Numero del muro/elemento bidimensionale
N1	= Nodo1
N2	= Nodo2
N3	= Nodo3
N4	= Nodo4
T	= Tipo di carico
	PP = Peso proprio
	M = Manuale
DC	= Direzione del carico
	G = secondo gli assi Globali
	L = secondo gli assi Locali
Qx	= Carico in dir. X
Qy	= Carico in dir. Y
Qz	= Carico in dir. Z

Bid.	N1	N2	N3	N4	T	DC	Qx <kN/mq>	Qy <kN/mq>	Qz <kN/mq>
1	-251	27	-290	-289	M	G	0.00	0.00	2.00
1	-251	27	-290	-289	PP	G	0.00	0.00	10.75
1	-290	29	-329	-289	M	G	0.00	0.00	2.00
1	-290	29	-329	-289	PP	G	0.00	0.00	10.75
1	32	-364	-403	-402	M	G	0.00	0.00	2.00
1	32	-364	-403	-402	PP	G	0.00	0.00	10.75
1	-539	-577	-576	-538	M	G	0.00	0.00	2.00
1	-539	-577	-576	-538	PP	G	0.00	0.00	10.75
1	34	-481	-480	-444	M	G	0.00	0.00	2.00
1	34	-481	-480	-444	PP	G	0.00	0.00	10.75
1	38	-597	-596	-560	M	G	0.00	0.00	2.00
1	38	-597	-596	-560	PP	G	0.00	0.00	10.75
1	-675	-636	42	43	M	G	0.00	0.00	2.00
1	-675	-636	42	43	PP	G	0.00	0.00	10.75
1	-675	43	-712	-711	M	G	0.00	0.00	2.00
1	-675	43	-712	-711	PP	G	0.00	0.00	10.75
1	-711	-712	-752	-751	M	G	0.00	0.00	2.00
1	-711	-712	-752	-751	PP	G	0.00	0.00	10.75
1	27	-252	-291	-290	M	G	0.00	0.00	2.00
1	27	-252	-291	-290	PP	G	0.00	0.00	10.75
1	-296	-335	-334	-295	M	G	0.00	0.00	2.00
1	-296	-335	-334	-295	PP	G	0.00	0.00	10.75
1	29	33	-365	-329	M	G	0.00	0.00	2.00
1	29	33	-365	-329	PP	G	0.00	0.00	10.75
1	-652	-690	44	-651	M	G	0.00	0.00	2.00
1	-652	-690	44	-651	PP	G	0.00	0.00	10.75
1	34	-445	-482	-481	M	G	0.00	0.00	2.00
1	34	-445	-482	-481	PP	G	0.00	0.00	10.75
1	-566	-603	-602	-565	M	G	0.00	0.00	2.00
1	-566	-603	-602	-565	PP	G	0.00	0.00	10.75
1	-642	-681	-680	-641	M	G	0.00	0.00	2.00
1	-642	-681	-680	-641	PP	G	0.00	0.00	10.75
1	-681	-718	-717	-680	M	G	0.00	0.00	2.00
1	-681	-718	-717	-680	PP	G	0.00	0.00	10.75
1	-718	-758	-757	-717	M	G	0.00	0.00	2.00
1	-718	-758	-757	-717	PP	G	0.00	0.00	10.75
1	-718	-719	-759	-758	M	G	0.00	0.00	2.00
1	-718	-719	-759	-758	PP	G	0.00	0.00	10.75
1	-681	-682	-719	-718	M	G	0.00	0.00	2.00
1	-681	-682	-719	-718	PP	G	0.00	0.00	10.75

Relazione di Calcolo – Ponte Torrente Gogna

1	-642	-643	-682	-681	M	G	0.00	0.00	2.00
1	-642	-643	-682	-681	PP	G	0.00	0.00	10.75
1	-567	-568	-605	-604	M	G	0.00	0.00	2.00
1	-567	-568	-605	-604	PP	G	0.00	0.00	10.75
1	-488	-489	-529	-528	M	G	0.00	0.00	2.00
1	-488	-489	-529	-528	PP	G	0.00	0.00	10.75
1	-450	-451	-488	-487	M	G	0.00	0.00	2.00
1	-450	-451	-488	-487	PP	G	0.00	0.00	10.75
1	-335	-371	-370	-334	M	G	0.00	0.00	2.00
1	-335	-371	-370	-334	PP	G	0.00	0.00	10.75
1	-296	-297	-336	-335	M	G	0.00	0.00	2.00
1	-296	-297	-336	-335	PP	G	0.00	0.00	10.75
1	-257	-258	-297	-296	M	G	0.00	0.00	2.00
1	-257	-258	-297	-296	PP	G	0.00	0.00	10.75
1	-259	-260	-299	-298	M	G	0.00	0.00	2.00
1	-259	-260	-299	-298	PP	G	0.00	0.00	10.75
1	-305	30	-343	-304	M	G	0.00	0.00	2.00
1	-305	30	-343	-304	PP	G	0.00	0.00	10.75
1	-336	-337	-373	-372	M	G	0.00	0.00	2.00
1	-336	-337	-373	-372	PP	G	0.00	0.00	10.75
1	-616	-617	-656	-655	M	G	0.00	0.00	2.00
1	-616	-617	-656	-655	PP	G	0.00	0.00	10.75
1	35	-496	-495	-458	M	G	0.00	0.00	2.00
1	35	-496	-495	-458	PP	G	0.00	0.00	10.75
1	39	-612	-611	-574	M	G	0.00	0.00	2.00
1	39	-612	-611	-574	PP	G	0.00	0.00	10.75
1	-651	44	-689	-650	M	G	0.00	0.00	2.00
1	-651	44	-689	-650	PP	G	0.00	0.00	10.75
1	44	-727	-726	-689	M	G	0.00	0.00	2.00
1	44	-727	-726	-689	PP	G	0.00	0.00	10.75
1	-727	-767	-766	-726	M	G	0.00	0.00	2.00
1	-727	-767	-766	-726	PP	G	0.00	0.00	10.75
1	-266	-267	-306	-305	M	G	0.00	0.00	2.00
1	-266	-267	-306	-305	PP	G	0.00	0.00	10.75
1	-308	-346	-345	-307	M	G	0.00	0.00	2.00
1	-308	-346	-345	-307	PP	G	0.00	0.00	10.75
1	-337	-338	-374	-373	M	G	0.00	0.00	2.00
1	-337	-338	-374	-373	PP	G	0.00	0.00	10.75
1	-349	-386	-385	-348	M	G	0.00	0.00	2.00
1	-349	-386	-385	-348	PP	G	0.00	0.00	10.75
1	-461	-499	-498	-460	M	G	0.00	0.00	2.00
1	-461	-499	-498	-460	PP	G	0.00	0.00	10.75
1	39	-575	-613	-612	M	G	0.00	0.00	2.00
1	39	-575	-613	-612	PP	G	0.00	0.00	10.75
1	-654	-692	-691	-653	M	G	0.00	0.00	2.00
1	-654	-692	-691	-653	PP	G	0.00	0.00	10.75
1	-692	-730	-729	-691	M	G	0.00	0.00	2.00
1	-692	-730	-729	-691	PP	G	0.00	0.00	10.75
1	-730	-770	-769	-729	M	G	0.00	0.00	2.00
1	-730	-770	-769	-729	PP	G	0.00	0.00	10.75
1	-730	-731	-771	-770	M	G	0.00	0.00	2.00
1	-730	-731	-771	-770	PP	G	0.00	0.00	10.75
1	-692	-693	-731	-730	M	G	0.00	0.00	2.00
1	-692	-693	-731	-730	PP	G	0.00	0.00	10.75
1	-577	-578	-616	-615	M	G	0.00	0.00	2.00
1	-577	-578	-616	-615	PP	G	0.00	0.00	10.75
1	-503	-543	-542	-502	M	G	0.00	0.00	2.00
1	-503	-543	-542	-502	PP	G	0.00	0.00	10.75
1	-461	-462	-500	-499	M	G	0.00	0.00	2.00
1	-461	-462	-500	-499	PP	G	0.00	0.00	10.75
1	-346	-383	-382	-345	M	G	0.00	0.00	2.00
1	-346	-383	-382	-345	PP	G	0.00	0.00	10.75
1	-308	-309	-347	-346	M	G	0.00	0.00	2.00
1	-308	-309	-347	-346	PP	G	0.00	0.00	10.75
1	-269	-270	-309	-308	M	G	0.00	0.00	2.00
1	-269	-270	-309	-308	PP	G	0.00	0.00	10.75
1	-271	-272	-311	-310	M	G	0.00	0.00	2.00
1	-271	-272	-311	-310	PP	G	0.00	0.00	10.75
1	-313	31	-350	-312	M	G	0.00	0.00	2.00
1	-313	31	-350	-312	PP	G	0.00	0.00	10.75
1	-346	-347	-384	-383	M	G	0.00	0.00	2.00
1	-346	-347	-384	-383	PP	G	0.00	0.00	10.75
1	-619	-658	-657	-618	M	G	0.00	0.00	2.00
1	-619	-658	-657	-618	PP	G	0.00	0.00	10.75
1	36	-504	-503	-465	M	G	0.00	0.00	2.00
1	36	-504	-503	-465	PP	G	0.00	0.00	10.75
1	40	-620	-619	-581	M	G	0.00	0.00	2.00
1	40	-620	-619	-581	PP	G	0.00	0.00	10.75
1	-659	45	-696	-658	M	G	0.00	0.00	2.00

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1	-659	45	-696	-658	PP	G	0.00	0.00	10.75
1	-735	-734	-696	45	M	G	0.00	0.00	2.00
1	-735	-734	-696	45	PP	G	0.00	0.00	10.75
1	-735	-775	-774	-734	M	G	0.00	0.00	2.00
1	-735	-775	-774	-734	PP	G	0.00	0.00	10.75
1	-735	-736	-776	-775	M	G	0.00	0.00	2.00
1	-735	-736	-776	-775	PP	G	0.00	0.00	10.75
1	45	-697	-736	-735	M	G	0.00	0.00	2.00
1	45	-697	-736	-735	PP	G	0.00	0.00	10.75
1	40	-582	-621	-620	M	G	0.00	0.00	2.00
1	40	-582	-621	-620	PP	G	0.00	0.00	10.75
1	-654	-655	-693	-692	M	G	0.00	0.00	2.00
1	-654	-655	-693	-692	PP	G	0.00	0.00	10.75
1	36	-466	-505	-504	M	G	0.00	0.00	2.00
1	36	-466	-505	-504	PP	G	0.00	0.00	10.75
1	-739	-740	-780	-779	M	G	0.00	0.00	2.00
1	-739	-740	-780	-779	PP	G	0.00	0.00	10.75
1	31	-388	-387	-350	M	G	0.00	0.00	2.00
1	31	-388	-387	-350	PP	G	0.00	0.00	10.75
1	-313	-314	-351	31	M	G	0.00	0.00	2.00
1	-313	-314	-351	31	PP	G	0.00	0.00	10.75
1	-274	-275	-314	-313	M	G	0.00	0.00	2.00
1	-274	-275	-314	-313	PP	G	0.00	0.00	10.75
1	-665	-702	-701	-664	M	G	0.00	0.00	2.00
1	-665	-702	-701	-664	PP	G	0.00	0.00	10.75
1	-665	-666	-703	-702	M	G	0.00	0.00	2.00
1	-665	-666	-703	-702	PP	G	0.00	0.00	10.75
1	-667	-668	-705	-704	M	G	0.00	0.00	2.00
1	-667	-668	-705	-704	PP	G	0.00	0.00	10.75
1	-673	-674	-710	46	M	G	0.00	0.00	2.00
1	-673	-674	-710	46	PP	G	0.00	0.00	10.75
1	-710	-750	-749	46	M	G	0.00	0.00	2.00
1	-710	-750	-749	46	PP	G	0.00	0.00	10.75
1	-750	-790	-789	-749	M	G	0.00	0.00	2.00
1	-750	-790	-789	-749	PP	G	0.00	0.00	10.75
1	-783	-743	-744	-784	M	G	0.00	0.00	2.00
1	-783	-743	-744	-784	PP	G	0.00	0.00	10.75
1	-280	-281	-320	-319	M	G	0.00	0.00	2.00
1	-280	-281	-320	-319	PP	G	0.00	0.00	10.75
1	-319	-320	-357	-356	M	G	0.00	0.00	2.00
1	-319	-320	-357	-356	PP	G	0.00	0.00	10.75
1	31	-351	-389	-388	M	G	0.00	0.00	2.00
1	31	-351	-389	-388	PP	G	0.00	0.00	10.75
1	-621	-622	-661	-660	M	G	0.00	0.00	2.00
1	-621	-622	-661	-660	PP	G	0.00	0.00	10.75
1	-471	-472	-511	-510	M	G	0.00	0.00	2.00
1	-471	-472	-511	-510	PP	G	0.00	0.00	10.75
1	-587	-588	-627	-626	M	G	0.00	0.00	2.00
1	-587	-588	-627	-626	PP	G	0.00	0.00	10.75
1	-282	-283	-322	-321	M	G	0.00	0.00	2.00
1	-282	-283	-322	-321	PP	G	0.00	0.00	10.75
1	-321	-322	-359	-358	M	G	0.00	0.00	2.00
1	-321	-322	-359	-358	PP	G	0.00	0.00	10.75
1	-356	-357	-395	-394	M	G	0.00	0.00	2.00
1	-356	-357	-395	-394	PP	G	0.00	0.00	10.75
1	-624	-625	-664	-663	M	G	0.00	0.00	2.00
1	-624	-625	-664	-663	PP	G	0.00	0.00	10.75
1	-473	-474	-513	-512	M	G	0.00	0.00	2.00
1	-473	-474	-513	-512	PP	G	0.00	0.00	10.75
1	-589	-590	-629	-628	M	G	0.00	0.00	2.00
1	-589	-590	-629	-628	PP	G	0.00	0.00	10.75
1	28	-288	-328	-327	M	G	0.00	0.00	2.00
1	28	-288	-328	-327	PP	G	0.00	0.00	10.75
1	-327	-328	-364	32	M	G	0.00	0.00	2.00
1	-327	-328	-364	32	PP	G	0.00	0.00	10.75
1	-358	-359	-397	-396	M	G	0.00	0.00	2.00
1	-358	-359	-397	-396	PP	G	0.00	0.00	10.75
1	-506	-507	-547	-546	M	G	0.00	0.00	2.00
1	-506	-507	-547	-546	PP	G	0.00	0.00	10.75
1	37	-479	-519	-518	M	G	0.00	0.00	2.00
1	37	-479	-519	-518	PP	G	0.00	0.00	10.75
1	41	-595	-635	-634	M	G	0.00	0.00	2.00
1	41	-595	-635	-634	PP	G	0.00	0.00	10.75
1	-702	-703	-742	-741	M	G	0.00	0.00	2.00
1	-702	-703	-742	-741	PP	G	0.00	0.00	10.75
1	-743	-783	-782	-742	M	G	0.00	0.00	2.00
1	-743	-783	-782	-742	PP	G	0.00	0.00	10.75
1	-704	-705	-744	-743	M	G	0.00	0.00	2.00
1	-704	-705	-744	-743	PP	G	0.00	0.00	10.75

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1	-719	-720	-760	-759	M	G	0.00	0.00	2.00
1	-719	-720	-760	-759	PP	G	0.00	0.00	10.75
1	-682	-683	-720	-719	M	G	0.00	0.00	2.00
1	-682	-683	-720	-719	PP	G	0.00	0.00	10.75
1	-643	-644	-683	-682	M	G	0.00	0.00	2.00
1	-643	-644	-683	-682	PP	G	0.00	0.00	10.75
1	-467	-468	-507	-506	M	G	0.00	0.00	2.00
1	-467	-468	-507	-506	PP	G	0.00	0.00	10.75
1	-566	-567	-604	-603	M	G	0.00	0.00	2.00
1	-566	-567	-604	-603	PP	G	0.00	0.00	10.75
1	-469	-470	-509	-508	M	G	0.00	0.00	2.00
1	-469	-470	-509	-508	PP	G	0.00	0.00	10.75
1	-487	-488	-528	-527	M	G	0.00	0.00	2.00
1	-487	-488	-528	-527	PP	G	0.00	0.00	10.75
1	-451	-452	-489	-488	M	G	0.00	0.00	2.00
1	-451	-452	-489	-488	PP	G	0.00	0.00	10.75
1	-335	-336	-372	-371	M	G	0.00	0.00	2.00
1	-335	-336	-372	-371	PP	G	0.00	0.00	10.75
1	-297	-298	-337	-336	M	G	0.00	0.00	2.00
1	-297	-298	-337	-336	PP	G	0.00	0.00	10.75
1	-258	-259	-298	-297	M	G	0.00	0.00	2.00
1	-258	-259	-298	-297	PP	G	0.00	0.00	10.75
1	-481	-482	-522	-521	M	G	0.00	0.00	2.00
1	-481	-482	-522	-521	PP	G	0.00	0.00	10.75
1	-481	-521	-520	-480	M	G	0.00	0.00	2.00
1	-481	-521	-520	-480	PP	G	0.00	0.00	10.75
1	-496	-536	-535	-495	M	G	0.00	0.00	2.00
1	-496	-536	-535	-495	PP	G	0.00	0.00	10.75
1	-499	-539	-538	-498	M	G	0.00	0.00	2.00
1	-499	-539	-538	-498	PP	G	0.00	0.00	10.75
1	-499	-500	-540	-539	M	G	0.00	0.00	2.00
1	-499	-500	-540	-539	PP	G	0.00	0.00	10.75
1	-504	-544	-543	-503	M	G	0.00	0.00	2.00
1	-504	-544	-543	-503	PP	G	0.00	0.00	10.75
1	-504	-505	-545	-544	M	G	0.00	0.00	2.00
1	-504	-505	-545	-544	PP	G	0.00	0.00	10.75
1	-510	-511	-551	-550	M	G	0.00	0.00	2.00
1	-510	-511	-551	-550	PP	G	0.00	0.00	10.75
1	-512	-513	-553	-552	M	G	0.00	0.00	2.00
1	-512	-513	-553	-552	PP	G	0.00	0.00	10.75
1	-518	-519	-559	-558	M	G	0.00	0.00	2.00
1	-518	-519	-559	-558	PP	G	0.00	0.00	10.75
1	-355	-356	-394	-393	M	G	0.00	0.00	2.00
1	-355	-356	-394	-393	PP	G	0.00	0.00	10.75
1	-393	-394	-434	-433	M	G	0.00	0.00	2.00
1	-393	-394	-434	-433	PP	G	0.00	0.00	10.75
1	-433	-434	-471	-470	M	G	0.00	0.00	2.00
1	-433	-434	-471	-470	PP	G	0.00	0.00	10.75
1	-314	-315	-352	-351	M	G	0.00	0.00	2.00
1	-314	-315	-352	-351	PP	G	0.00	0.00	10.75
1	-315	-316	-353	-352	M	G	0.00	0.00	2.00
1	-315	-316	-353	-352	PP	G	0.00	0.00	10.75
1	-316	-317	-354	-353	M	G	0.00	0.00	2.00
1	-316	-317	-354	-353	PP	G	0.00	0.00	10.75
1	-317	-318	-355	-354	M	G	0.00	0.00	2.00
1	-317	-318	-355	-354	PP	G	0.00	0.00	10.75
1	-318	-319	-356	-355	M	G	0.00	0.00	2.00
1	-318	-319	-356	-355	PP	G	0.00	0.00	10.75
1	-275	-276	-315	-314	M	G	0.00	0.00	2.00
1	-275	-276	-315	-314	PP	G	0.00	0.00	10.75
1	-276	-277	-316	-315	M	G	0.00	0.00	2.00
1	-276	-277	-316	-315	PP	G	0.00	0.00	10.75
1	-277	-278	-317	-316	M	G	0.00	0.00	2.00
1	-277	-278	-317	-316	PP	G	0.00	0.00	10.75
1	-278	-279	-318	-317	M	G	0.00	0.00	2.00
1	-278	-279	-318	-317	PP	G	0.00	0.00	10.75
1	-279	-280	-319	-318	M	G	0.00	0.00	2.00
1	-279	-280	-319	-318	PP	G	0.00	0.00	10.75
1	-626	-627	-666	-665	M	G	0.00	0.00	2.00
1	-626	-627	-666	-665	PP	G	0.00	0.00	10.75
1	-550	-551	-588	-587	M	G	0.00	0.00	2.00
1	-550	-551	-588	-587	PP	G	0.00	0.00	10.75
1	-394	-395	-435	-434	M	G	0.00	0.00	2.00
1	-394	-395	-435	-434	PP	G	0.00	0.00	10.75
1	-434	-435	-472	-471	M	G	0.00	0.00	2.00
1	-434	-435	-472	-471	PP	G	0.00	0.00	10.75
1	-357	-358	-396	-395	M	G	0.00	0.00	2.00
1	-357	-358	-396	-395	PP	G	0.00	0.00	10.75
1	-395	-396	-436	-435	M	G	0.00	0.00	2.00

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1	-395	-396	-436	-435	PP	G	0.00	0.00	10.75
1	-435	-436	-473	-472	M	G	0.00	0.00	2.00
1	-435	-436	-473	-472	PP	G	0.00	0.00	10.75
1	-472	-473	-512	-511	M	G	0.00	0.00	2.00
1	-472	-473	-512	-511	PP	G	0.00	0.00	10.75
1	-511	-512	-552	-551	M	G	0.00	0.00	2.00
1	-511	-512	-552	-551	PP	G	0.00	0.00	10.75
1	-551	-552	-589	-588	M	G	0.00	0.00	2.00
1	-551	-552	-589	-588	PP	G	0.00	0.00	10.75
1	-588	-589	-628	-627	M	G	0.00	0.00	2.00
1	-588	-589	-628	-627	PP	G	0.00	0.00	10.75
1	-627	-628	-667	-666	M	G	0.00	0.00	2.00
1	-627	-628	-667	-666	PP	G	0.00	0.00	10.75
1	-666	-667	-704	-703	M	G	0.00	0.00	2.00
1	-666	-667	-704	-703	PP	G	0.00	0.00	10.75
1	-703	-704	-743	-742	M	G	0.00	0.00	2.00
1	-703	-704	-743	-742	PP	G	0.00	0.00	10.75
1	-742	-782	-781	-741	M	G	0.00	0.00	2.00
1	-742	-782	-781	-741	PP	G	0.00	0.00	10.75
1	-320	-321	-358	-357	M	G	0.00	0.00	2.00
1	-320	-321	-358	-357	PP	G	0.00	0.00	10.75
1	-281	-282	-321	-320	M	G	0.00	0.00	2.00
1	-281	-282	-321	-320	PP	G	0.00	0.00	10.75
1	-784	-744	-745	-785	M	G	0.00	0.00	2.00
1	-784	-744	-745	-785	PP	G	0.00	0.00	10.75
1	-785	-745	-746	-786	M	G	0.00	0.00	2.00
1	-785	-745	-746	-786	PP	G	0.00	0.00	10.75
1	-786	-746	-747	-787	M	G	0.00	0.00	2.00
1	-786	-746	-747	-787	PP	G	0.00	0.00	10.75
1	-787	-747	-748	-788	M	G	0.00	0.00	2.00
1	-787	-747	-748	-788	PP	G	0.00	0.00	10.75
1	-788	-748	-749	-789	M	G	0.00	0.00	2.00
1	-788	-748	-749	-789	PP	G	0.00	0.00	10.75
1	-705	-706	-745	-744	M	G	0.00	0.00	2.00
1	-705	-706	-745	-744	PP	G	0.00	0.00	10.75
1	-706	-707	-746	-745	M	G	0.00	0.00	2.00
1	-706	-707	-746	-745	PP	G	0.00	0.00	10.75
1	-707	-708	-747	-746	M	G	0.00	0.00	2.00
1	-707	-708	-747	-746	PP	G	0.00	0.00	10.75
1	-708	-709	-748	-747	M	G	0.00	0.00	2.00
1	-708	-709	-748	-747	PP	G	0.00	0.00	10.75
1	-709	46	-749	-748	M	G	0.00	0.00	2.00
1	-709	46	-749	-748	PP	G	0.00	0.00	10.75
1	-668	-669	-706	-705	M	G	0.00	0.00	2.00
1	-668	-669	-706	-705	PP	G	0.00	0.00	10.75
1	-669	-670	-707	-706	M	G	0.00	0.00	2.00
1	-669	-670	-707	-706	PP	G	0.00	0.00	10.75
1	-670	-671	-708	-707	M	G	0.00	0.00	2.00
1	-670	-671	-708	-707	PP	G	0.00	0.00	10.75
1	-671	-672	-709	-708	M	G	0.00	0.00	2.00
1	-671	-672	-709	-708	PP	G	0.00	0.00	10.75
1	-672	-673	46	-709	M	G	0.00	0.00	2.00
1	-672	-673	46	-709	PP	G	0.00	0.00	10.75
1	-628	-629	-668	-667	M	G	0.00	0.00	2.00
1	-628	-629	-668	-667	PP	G	0.00	0.00	10.75
1	-590	-591	-630	-629	M	G	0.00	0.00	2.00
1	-590	-591	-630	-629	PP	G	0.00	0.00	10.75
1	-629	-630	-669	-668	M	G	0.00	0.00	2.00
1	-629	-630	-669	-668	PP	G	0.00	0.00	10.75
1	-591	-592	-631	-630	M	G	0.00	0.00	2.00
1	-591	-592	-631	-630	PP	G	0.00	0.00	10.75
1	-630	-631	-670	-669	M	G	0.00	0.00	2.00
1	-630	-631	-670	-669	PP	G	0.00	0.00	10.75
1	-592	-593	-632	-631	M	G	0.00	0.00	2.00
1	-592	-593	-632	-631	PP	G	0.00	0.00	10.75
1	-631	-632	-671	-670	M	G	0.00	0.00	2.00
1	-631	-632	-671	-670	PP	G	0.00	0.00	10.75
1	-593	-594	-633	-632	M	G	0.00	0.00	2.00
1	-593	-594	-633	-632	PP	G	0.00	0.00	10.75
1	-632	-633	-672	-671	M	G	0.00	0.00	2.00
1	-632	-633	-672	-671	PP	G	0.00	0.00	10.75
1	-594	41	-634	-633	M	G	0.00	0.00	2.00
1	-594	41	-634	-633	PP	G	0.00	0.00	10.75
1	-633	-634	-673	-672	M	G	0.00	0.00	2.00
1	-633	-634	-673	-672	PP	G	0.00	0.00	10.75
1	-552	-553	-590	-589	M	G	0.00	0.00	2.00
1	-552	-553	-590	-589	PP	G	0.00	0.00	10.75
1	-513	-514	-554	-553	M	G	0.00	0.00	2.00
1	-513	-514	-554	-553	PP	G	0.00	0.00	10.75

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1	-553	-554	-591	-590	M	G	0.00	0.00	2.00
1	-553	-554	-591	-590	PP	G	0.00	0.00	10.75
1	-514	-515	-555	-554	M	G	0.00	0.00	2.00
1	-514	-515	-555	-554	PP	G	0.00	0.00	10.75
1	-554	-555	-592	-591	M	G	0.00	0.00	2.00
1	-554	-555	-592	-591	PP	G	0.00	0.00	10.75
1	-515	-516	-556	-555	M	G	0.00	0.00	2.00
1	-515	-516	-556	-555	PP	G	0.00	0.00	10.75
1	-555	-556	-593	-592	M	G	0.00	0.00	2.00
1	-555	-556	-593	-592	PP	G	0.00	0.00	10.75
1	-516	-517	-557	-556	M	G	0.00	0.00	2.00
1	-516	-517	-557	-556	PP	G	0.00	0.00	10.75
1	-556	-557	-594	-593	M	G	0.00	0.00	2.00
1	-556	-557	-594	-593	PP	G	0.00	0.00	10.75
1	-517	-518	-558	-557	M	G	0.00	0.00	2.00
1	-517	-518	-558	-557	PP	G	0.00	0.00	10.75
1	-557	-558	41	-594	M	G	0.00	0.00	2.00
1	-557	-558	41	-594	PP	G	0.00	0.00	10.75
1	-474	-475	-514	-513	M	G	0.00	0.00	2.00
1	-474	-475	-514	-513	PP	G	0.00	0.00	10.75
1	-475	-476	-515	-514	M	G	0.00	0.00	2.00
1	-475	-476	-515	-514	PP	G	0.00	0.00	10.75
1	-476	-477	-516	-515	M	G	0.00	0.00	2.00
1	-476	-477	-516	-515	PP	G	0.00	0.00	10.75
1	-477	-478	-517	-516	M	G	0.00	0.00	2.00
1	-477	-478	-517	-516	PP	G	0.00	0.00	10.75
1	-478	37	-518	-517	M	G	0.00	0.00	2.00
1	-478	37	-518	-517	PP	G	0.00	0.00	10.75
1	-396	-397	-437	-436	M	G	0.00	0.00	2.00
1	-396	-397	-437	-436	PP	G	0.00	0.00	10.75
1	-436	-437	-474	-473	M	G	0.00	0.00	2.00
1	-436	-437	-474	-473	PP	G	0.00	0.00	10.75
1	-359	-360	-398	-397	M	G	0.00	0.00	2.00
1	-359	-360	-398	-397	PP	G	0.00	0.00	10.75
1	-397	-398	-438	-437	M	G	0.00	0.00	2.00
1	-397	-398	-438	-437	PP	G	0.00	0.00	10.75
1	-437	-438	-475	-474	M	G	0.00	0.00	2.00
1	-437	-438	-475	-474	PP	G	0.00	0.00	10.75
1	-360	-361	-399	-398	M	G	0.00	0.00	2.00
1	-360	-361	-399	-398	PP	G	0.00	0.00	10.75
1	-398	-399	-439	-438	M	G	0.00	0.00	2.00
1	-398	-399	-439	-438	PP	G	0.00	0.00	10.75
1	-438	-439	-476	-475	M	G	0.00	0.00	2.00
1	-438	-439	-476	-475	PP	G	0.00	0.00	10.75
1	-361	-362	-400	-399	M	G	0.00	0.00	2.00
1	-361	-362	-400	-399	PP	G	0.00	0.00	10.75
1	-399	-400	-440	-439	M	G	0.00	0.00	2.00
1	-399	-400	-440	-439	PP	G	0.00	0.00	10.75
1	-439	-440	-477	-476	M	G	0.00	0.00	2.00
1	-439	-440	-477	-476	PP	G	0.00	0.00	10.75
1	-362	-363	-401	-400	M	G	0.00	0.00	2.00
1	-362	-363	-401	-400	PP	G	0.00	0.00	10.75
1	-400	-401	-441	-440	M	G	0.00	0.00	2.00
1	-400	-401	-441	-440	PP	G	0.00	0.00	10.75
1	-440	-441	-478	-477	M	G	0.00	0.00	2.00
1	-440	-441	-478	-477	PP	G	0.00	0.00	10.75
1	-363	32	-402	-401	M	G	0.00	0.00	2.00
1	-363	32	-402	-401	PP	G	0.00	0.00	10.75
1	-401	-402	-442	-441	M	G	0.00	0.00	2.00
1	-401	-402	-442	-441	PP	G	0.00	0.00	10.75
1	-441	-442	37	-478	M	G	0.00	0.00	2.00
1	-441	-442	37	-478	PP	G	0.00	0.00	10.75
1	-322	-323	-360	-359	M	G	0.00	0.00	2.00
1	-322	-323	-360	-359	PP	G	0.00	0.00	10.75
1	-323	-324	-361	-360	M	G	0.00	0.00	2.00
1	-323	-324	-361	-360	PP	G	0.00	0.00	10.75
1	-324	-325	-362	-361	M	G	0.00	0.00	2.00
1	-324	-325	-362	-361	PP	G	0.00	0.00	10.75
1	-717	-757	-756	-716	M	G	0.00	0.00	2.00
1	-717	-757	-756	-716	PP	G	0.00	0.00	10.75
1	-716	-756	-755	-715	M	G	0.00	0.00	2.00
1	-716	-756	-755	-715	PP	G	0.00	0.00	10.75
1	-715	-755	-754	-714	M	G	0.00	0.00	2.00
1	-715	-755	-754	-714	PP	G	0.00	0.00	10.75
1	-714	-754	-753	-713	M	G	0.00	0.00	2.00
1	-714	-754	-753	-713	PP	G	0.00	0.00	10.75
1	-713	-753	-752	-712	M	G	0.00	0.00	2.00
1	-713	-753	-752	-712	PP	G	0.00	0.00	10.75
1	-680	-717	-716	-679	M	G	0.00	0.00	2.00

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1	-680	-717	-716	-679	PP	G	0.00	0.00	10.75
1	-679	-716	-715	-678	M	G	0.00	0.00	2.00
1	-679	-716	-715	-678	PP	G	0.00	0.00	10.75
1	-678	-715	-714	-677	M	G	0.00	0.00	2.00
1	-678	-715	-714	-677	PP	G	0.00	0.00	10.75
1	-677	-714	-713	-676	M	G	0.00	0.00	2.00
1	-677	-714	-713	-676	PP	G	0.00	0.00	10.75
1	-676	-713	-712	43	M	G	0.00	0.00	2.00
1	-676	-713	-712	43	PP	G	0.00	0.00	10.75
1	-641	-680	-679	-640	M	G	0.00	0.00	2.00
1	-641	-680	-679	-640	PP	G	0.00	0.00	10.75
1	-640	-679	-678	-639	M	G	0.00	0.00	2.00
1	-640	-679	-678	-639	PP	G	0.00	0.00	10.75
1	-639	-678	-677	-638	M	G	0.00	0.00	2.00
1	-639	-678	-677	-638	PP	G	0.00	0.00	10.75
1	-638	-677	-676	-637	M	G	0.00	0.00	2.00
1	-638	-677	-676	-637	PP	G	0.00	0.00	10.75
1	-637	-676	43	42	M	G	0.00	0.00	2.00
1	-637	-676	43	42	PP	G	0.00	0.00	10.75
1	-565	-602	-601	-564	M	G	0.00	0.00	2.00
1	-565	-602	-601	-564	PP	G	0.00	0.00	10.75
1	-564	-601	-600	-563	M	G	0.00	0.00	2.00
1	-564	-601	-600	-563	PP	G	0.00	0.00	10.75
1	-563	-600	-599	-562	M	G	0.00	0.00	2.00
1	-563	-600	-599	-562	PP	G	0.00	0.00	10.75
1	-562	-599	-598	-561	M	G	0.00	0.00	2.00
1	-562	-599	-598	-561	PP	G	0.00	0.00	10.75
1	-561	-598	-597	38	M	G	0.00	0.00	2.00
1	-561	-598	-597	38	PP	G	0.00	0.00	10.75
1	-603	-642	-641	-602	M	G	0.00	0.00	2.00
1	-603	-642	-641	-602	PP	G	0.00	0.00	10.75
1	-602	-641	-640	-601	M	G	0.00	0.00	2.00
1	-602	-641	-640	-601	PP	G	0.00	0.00	10.75
1	-601	-640	-639	-600	M	G	0.00	0.00	2.00
1	-601	-640	-639	-600	PP	G	0.00	0.00	10.75
1	-600	-639	-638	-599	M	G	0.00	0.00	2.00
1	-600	-639	-638	-599	PP	G	0.00	0.00	10.75
1	-599	-638	-637	-598	M	G	0.00	0.00	2.00
1	-599	-638	-637	-598	PP	G	0.00	0.00	10.75
1	-598	-637	42	-597	M	G	0.00	0.00	2.00
1	-598	-637	42	-597	PP	G	0.00	0.00	10.75
1	-521	-522	-561	38	M	G	0.00	0.00	2.00
1	-521	-522	-561	38	PP	G	0.00	0.00	10.75
1	-482	-483	-523	-522	M	G	0.00	0.00	2.00
1	-482	-483	-523	-522	PP	G	0.00	0.00	10.75
1	-522	-523	-562	-561	M	G	0.00	0.00	2.00
1	-522	-523	-562	-561	PP	G	0.00	0.00	10.75
1	-483	-484	-524	-523	M	G	0.00	0.00	2.00
1	-483	-484	-524	-523	PP	G	0.00	0.00	10.75
1	-523	-524	-563	-562	M	G	0.00	0.00	2.00
1	-523	-524	-563	-562	PP	G	0.00	0.00	10.75
1	-484	-485	-525	-524	M	G	0.00	0.00	2.00
1	-484	-485	-525	-524	PP	G	0.00	0.00	10.75
1	-524	-525	-564	-563	M	G	0.00	0.00	2.00
1	-524	-525	-564	-563	PP	G	0.00	0.00	10.75
1	-485	-486	-526	-525	M	G	0.00	0.00	2.00
1	-485	-486	-526	-525	PP	G	0.00	0.00	10.75
1	-525	-526	-565	-564	M	G	0.00	0.00	2.00
1	-525	-526	-565	-564	PP	G	0.00	0.00	10.75
1	-486	-487	-527	-526	M	G	0.00	0.00	2.00
1	-486	-487	-527	-526	PP	G	0.00	0.00	10.75
1	-526	-527	-566	-565	M	G	0.00	0.00	2.00
1	-526	-527	-566	-565	PP	G	0.00	0.00	10.75
1	-445	-446	-483	-482	M	G	0.00	0.00	2.00
1	-445	-446	-483	-482	PP	G	0.00	0.00	10.75
1	-446	-447	-484	-483	M	G	0.00	0.00	2.00
1	-446	-447	-484	-483	PP	G	0.00	0.00	10.75
1	-447	-448	-485	-484	M	G	0.00	0.00	2.00
1	-447	-448	-485	-484	PP	G	0.00	0.00	10.75
1	-448	-449	-486	-485	M	G	0.00	0.00	2.00
1	-448	-449	-486	-485	PP	G	0.00	0.00	10.75
1	-449	-450	-487	-486	M	G	0.00	0.00	2.00
1	-449	-450	-487	-486	PP	G	0.00	0.00	10.75
1	-334	-370	-369	-333	M	G	0.00	0.00	2.00
1	-334	-370	-369	-333	PP	G	0.00	0.00	10.75
1	-333	-369	-368	-332	M	G	0.00	0.00	2.00
1	-333	-369	-368	-332	PP	G	0.00	0.00	10.75
1	-332	-368	-367	-331	M	G	0.00	0.00	2.00
1	-332	-368	-367	-331	PP	G	0.00	0.00	10.75

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1	-331	-367	-366	-330	M	G	0.00	0.00	2.00
1	-331	-367	-366	-330	PP	G	0.00	0.00	10.75
1	-330	-366	33	29	M	G	0.00	0.00	2.00
1	-330	-366	33	29	PP	G	0.00	0.00	10.75
1	-371	-411	-410	-370	M	G	0.00	0.00	2.00
1	-371	-411	-410	-370	PP	G	0.00	0.00	10.75
1	-370	-410	-409	-369	M	G	0.00	0.00	2.00
1	-370	-410	-409	-369	PP	G	0.00	0.00	10.75
1	-369	-409	-408	-368	M	G	0.00	0.00	2.00
1	-369	-409	-408	-368	PP	G	0.00	0.00	10.75
1	-368	-408	-407	-367	M	G	0.00	0.00	2.00
1	-368	-408	-407	-367	PP	G	0.00	0.00	10.75
1	-367	-407	-406	-366	M	G	0.00	0.00	2.00
1	-367	-407	-406	-366	PP	G	0.00	0.00	10.75
1	-366	-406	-405	33	M	G	0.00	0.00	2.00
1	-366	-406	-405	33	PP	G	0.00	0.00	10.75
1	-411	-450	-449	-410	M	G	0.00	0.00	2.00
1	-411	-450	-449	-410	PP	G	0.00	0.00	10.75
1	-410	-449	-448	-409	M	G	0.00	0.00	2.00
1	-410	-449	-448	-409	PP	G	0.00	0.00	10.75
1	-409	-448	-447	-408	M	G	0.00	0.00	2.00
1	-409	-448	-447	-408	PP	G	0.00	0.00	10.75
1	-408	-447	-446	-407	M	G	0.00	0.00	2.00
1	-408	-447	-446	-407	PP	G	0.00	0.00	10.75
1	-407	-446	-445	-406	M	G	0.00	0.00	2.00
1	-407	-446	-445	-406	PP	G	0.00	0.00	10.75
1	-406	-445	34	-405	M	G	0.00	0.00	2.00
1	-406	-445	34	-405	PP	G	0.00	0.00	10.75
1	-295	-334	-333	-294	M	G	0.00	0.00	2.00
1	-295	-334	-333	-294	PP	G	0.00	0.00	10.75
1	-294	-333	-332	-293	M	G	0.00	0.00	2.00
1	-294	-333	-332	-293	PP	G	0.00	0.00	10.75
1	-293	-332	-331	-292	M	G	0.00	0.00	2.00
1	-293	-332	-331	-292	PP	G	0.00	0.00	10.75
1	-292	-331	-330	-291	M	G	0.00	0.00	2.00
1	-292	-331	-330	-291	PP	G	0.00	0.00	10.75
1	-291	-330	29	-290	M	G	0.00	0.00	2.00
1	-291	-330	29	-290	PP	G	0.00	0.00	10.75
1	-252	-253	-292	-291	M	G	0.00	0.00	2.00
1	-252	-253	-292	-291	PP	G	0.00	0.00	10.75
1	-253	-254	-293	-292	M	G	0.00	0.00	2.00
1	-253	-254	-293	-292	PP	G	0.00	0.00	10.75
1	-254	-255	-294	-293	M	G	0.00	0.00	2.00
1	-254	-255	-294	-293	PP	G	0.00	0.00	10.75
1	-255	-256	-295	-294	M	G	0.00	0.00	2.00
1	-255	-256	-295	-294	PP	G	0.00	0.00	10.75
1	-256	-257	-296	-295	M	G	0.00	0.00	2.00
1	-256	-257	-296	-295	PP	G	0.00	0.00	10.75
1	-521	38	-560	-520	M	G	0.00	0.00	2.00
1	-521	38	-560	-520	PP	G	0.00	0.00	10.75
1	-688	-725	-724	-687	M	G	0.00	0.00	2.00
1	-688	-725	-724	-687	PP	G	0.00	0.00	10.75
1	-687	-724	-723	-686	M	G	0.00	0.00	2.00
1	-687	-724	-723	-686	PP	G	0.00	0.00	10.75
1	-723	-763	-762	-722	M	G	0.00	0.00	2.00
1	-723	-763	-762	-722	PP	G	0.00	0.00	10.75
1	-722	-762	-761	-721	M	G	0.00	0.00	2.00
1	-722	-762	-761	-721	PP	G	0.00	0.00	10.75
1	-721	-761	-760	-720	M	G	0.00	0.00	2.00
1	-721	-761	-760	-720	PP	G	0.00	0.00	10.75
1	-649	-688	-687	-648	M	G	0.00	0.00	2.00
1	-649	-688	-687	-648	PP	G	0.00	0.00	10.75
1	-648	-687	-686	-647	M	G	0.00	0.00	2.00
1	-648	-687	-686	-647	PP	G	0.00	0.00	10.75
1	-686	-723	-722	-685	M	G	0.00	0.00	2.00
1	-686	-723	-722	-685	PP	G	0.00	0.00	10.75
1	-685	-722	-721	-684	M	G	0.00	0.00	2.00
1	-685	-722	-721	-684	PP	G	0.00	0.00	10.75
1	-684	-721	-720	-683	M	G	0.00	0.00	2.00
1	-684	-721	-720	-683	PP	G	0.00	0.00	10.75
1	-610	-649	-648	-609	M	G	0.00	0.00	2.00
1	-610	-649	-648	-609	PP	G	0.00	0.00	10.75
1	-609	-648	-647	-608	M	G	0.00	0.00	2.00
1	-609	-648	-647	-608	PP	G	0.00	0.00	10.75
1	-647	-686	-685	-646	M	G	0.00	0.00	2.00
1	-647	-686	-685	-646	PP	G	0.00	0.00	10.75
1	-646	-685	-684	-645	M	G	0.00	0.00	2.00
1	-646	-685	-684	-645	PP	G	0.00	0.00	10.75
1	-645	-684	-683	-644	M	G	0.00	0.00	2.00

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1	-645	-684	-683	-644	PP	G	0.00	0.00	10.75
1	-534	-573	-572	-533	M	G	0.00	0.00	2.00
1	-534	-573	-572	-533	PP	G	0.00	0.00	10.75
1	-533	-572	-571	-532	M	G	0.00	0.00	2.00
1	-533	-572	-571	-532	PP	G	0.00	0.00	10.75
1	-571	-608	-607	-570	M	G	0.00	0.00	2.00
1	-571	-608	-607	-570	PP	G	0.00	0.00	10.75
1	-570	-607	-606	-569	M	G	0.00	0.00	2.00
1	-570	-607	-606	-569	PP	G	0.00	0.00	10.75
1	-569	-606	-605	-568	M	G	0.00	0.00	2.00
1	-569	-606	-605	-568	PP	G	0.00	0.00	10.75
1	-612	-651	-650	-611	M	G	0.00	0.00	2.00
1	-612	-651	-650	-611	PP	G	0.00	0.00	10.75
1	-573	-610	-609	-572	M	G	0.00	0.00	2.00
1	-573	-610	-609	-572	PP	G	0.00	0.00	10.75
1	-572	-609	-608	-571	M	G	0.00	0.00	2.00
1	-572	-609	-608	-571	PP	G	0.00	0.00	10.75
1	-608	-647	-646	-607	M	G	0.00	0.00	2.00
1	-608	-647	-646	-607	PP	G	0.00	0.00	10.75
1	-607	-646	-645	-606	M	G	0.00	0.00	2.00
1	-607	-646	-645	-606	PP	G	0.00	0.00	10.75
1	-606	-645	-644	-605	M	G	0.00	0.00	2.00
1	-606	-645	-644	-605	PP	G	0.00	0.00	10.75
1	-604	-605	-644	-643	M	G	0.00	0.00	2.00
1	-604	-605	-644	-643	PP	G	0.00	0.00	10.75
1	-603	-604	-643	-642	M	G	0.00	0.00	2.00
1	-603	-604	-643	-642	PP	G	0.00	0.00	10.75
1	-527	-528	-567	-566	M	G	0.00	0.00	2.00
1	-527	-528	-567	-566	PP	G	0.00	0.00	10.75
1	-528	-529	-568	-567	M	G	0.00	0.00	2.00
1	-528	-529	-568	-567	PP	G	0.00	0.00	10.75
1	-457	-494	-493	-456	M	G	0.00	0.00	2.00
1	-457	-494	-493	-456	PP	G	0.00	0.00	10.75
1	-456	-493	-492	-455	M	G	0.00	0.00	2.00
1	-456	-493	-492	-455	PP	G	0.00	0.00	10.75
1	-492	-532	-531	-491	M	G	0.00	0.00	2.00
1	-492	-532	-531	-491	PP	G	0.00	0.00	10.75
1	-491	-531	-530	-490	M	G	0.00	0.00	2.00
1	-491	-531	-530	-490	PP	G	0.00	0.00	10.75
1	-490	-530	-529	-489	M	G	0.00	0.00	2.00
1	-490	-530	-529	-489	PP	G	0.00	0.00	10.75
1	-536	39	-574	-535	M	G	0.00	0.00	2.00
1	-536	39	-574	-535	PP	G	0.00	0.00	10.75
1	-494	-534	-533	-493	M	G	0.00	0.00	2.00
1	-494	-534	-533	-493	PP	G	0.00	0.00	10.75
1	-493	-533	-532	-492	M	G	0.00	0.00	2.00
1	-493	-533	-532	-492	PP	G	0.00	0.00	10.75
1	-532	-571	-570	-531	M	G	0.00	0.00	2.00
1	-532	-571	-570	-531	PP	G	0.00	0.00	10.75
1	-531	-570	-569	-530	M	G	0.00	0.00	2.00
1	-531	-570	-569	-530	PP	G	0.00	0.00	10.75
1	-530	-569	-568	-529	M	G	0.00	0.00	2.00
1	-530	-569	-568	-529	PP	G	0.00	0.00	10.75
1	-371	-372	-412	-411	M	G	0.00	0.00	2.00
1	-371	-372	-412	-411	PP	G	0.00	0.00	10.75
1	-411	-412	-451	-450	M	G	0.00	0.00	2.00
1	-411	-412	-451	-450	PP	G	0.00	0.00	10.75
1	-372	-373	-413	-412	M	G	0.00	0.00	2.00
1	-372	-373	-413	-412	PP	G	0.00	0.00	10.75
1	-412	-413	-452	-451	M	G	0.00	0.00	2.00
1	-412	-413	-452	-451	PP	G	0.00	0.00	10.75
1	-416	-417	-456	-455	M	G	0.00	0.00	2.00
1	-416	-417	-456	-455	PP	G	0.00	0.00	10.75
1	-417	-418	-457	-456	M	G	0.00	0.00	2.00
1	-417	-418	-457	-456	PP	G	0.00	0.00	10.75
1	-455	-492	-491	-454	M	G	0.00	0.00	2.00
1	-455	-492	-491	-454	PP	G	0.00	0.00	10.75
1	-454	-491	-490	-453	M	G	0.00	0.00	2.00
1	-454	-491	-490	-453	PP	G	0.00	0.00	10.75
1	-453	-490	-489	-452	M	G	0.00	0.00	2.00
1	-453	-490	-489	-452	PP	G	0.00	0.00	10.75
1	-373	-374	-414	-413	M	G	0.00	0.00	2.00
1	-373	-374	-414	-413	PP	G	0.00	0.00	10.75
1	-413	-414	-453	-452	M	G	0.00	0.00	2.00
1	-413	-414	-453	-452	PP	G	0.00	0.00	10.75
1	-338	-339	-375	-374	M	G	0.00	0.00	2.00
1	-338	-339	-375	-374	PP	G	0.00	0.00	10.75
1	-374	-375	-415	-414	M	G	0.00	0.00	2.00
1	-374	-375	-415	-414	PP	G	0.00	0.00	10.75

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1	-414	-415	-454	-453	M	G	0.00	0.00	2.00
1	-414	-415	-454	-453	PP	G	0.00	0.00	10.75
1	-339	-340	-376	-375	M	G	0.00	0.00	2.00
1	-339	-340	-376	-375	PP	G	0.00	0.00	10.75
1	-375	-376	-416	-415	M	G	0.00	0.00	2.00
1	-375	-376	-416	-415	PP	G	0.00	0.00	10.75
1	-415	-416	-455	-454	M	G	0.00	0.00	2.00
1	-415	-416	-455	-454	PP	G	0.00	0.00	10.75
1	-303	-342	-341	-302	M	G	0.00	0.00	2.00
1	-303	-342	-341	-302	PP	G	0.00	0.00	10.75
1	-340	-341	-377	-376	M	G	0.00	0.00	2.00
1	-340	-341	-377	-376	PP	G	0.00	0.00	10.75
1	-376	-377	-417	-416	M	G	0.00	0.00	2.00
1	-376	-377	-417	-416	PP	G	0.00	0.00	10.75
1	-302	-341	-340	-301	M	G	0.00	0.00	2.00
1	-302	-341	-340	-301	PP	G	0.00	0.00	10.75
1	-341	-342	-378	-377	M	G	0.00	0.00	2.00
1	-341	-342	-378	-377	PP	G	0.00	0.00	10.75
1	-377	-378	-418	-417	M	G	0.00	0.00	2.00
1	-377	-378	-418	-417	PP	G	0.00	0.00	10.75
1	-342	-343	-379	-378	M	G	0.00	0.00	2.00
1	-342	-343	-379	-378	PP	G	0.00	0.00	10.75
1	-378	-379	-419	-418	M	G	0.00	0.00	2.00
1	-378	-379	-419	-418	PP	G	0.00	0.00	10.75
1	-418	-419	-458	-457	M	G	0.00	0.00	2.00
1	-418	-419	-458	-457	PP	G	0.00	0.00	10.75
1	-262	-263	-302	-301	M	G	0.00	0.00	2.00
1	-262	-263	-302	-301	PP	G	0.00	0.00	10.75
1	-263	-264	-303	-302	M	G	0.00	0.00	2.00
1	-263	-264	-303	-302	PP	G	0.00	0.00	10.75
1	-301	-340	-339	-300	M	G	0.00	0.00	2.00
1	-301	-340	-339	-300	PP	G	0.00	0.00	10.75
1	-300	-339	-338	-299	M	G	0.00	0.00	2.00
1	-300	-339	-338	-299	PP	G	0.00	0.00	10.75
1	-299	-338	-337	-298	M	G	0.00	0.00	2.00
1	-299	-338	-337	-298	PP	G	0.00	0.00	10.75
1	-260	-261	-300	-299	M	G	0.00	0.00	2.00
1	-260	-261	-300	-299	PP	G	0.00	0.00	10.75
1	-261	-262	-301	-300	M	G	0.00	0.00	2.00
1	-261	-262	-301	-300	PP	G	0.00	0.00	10.75
1	-725	-765	-764	-724	M	G	0.00	0.00	2.00
1	-725	-765	-764	-724	PP	G	0.00	0.00	10.75
1	-724	-764	-763	-723	M	G	0.00	0.00	2.00
1	-724	-764	-763	-723	PP	G	0.00	0.00	10.75
1	-264	-265	-304	-303	M	G	0.00	0.00	2.00
1	-264	-265	-304	-303	PP	G	0.00	0.00	10.75
1	33	-405	-404	-365	M	G	0.00	0.00	2.00
1	33	-405	-404	-365	PP	G	0.00	0.00	10.75
1	-405	34	-444	-404	M	G	0.00	0.00	2.00
1	-405	34	-444	-404	PP	G	0.00	0.00	10.75
1	-597	42	-636	-596	M	G	0.00	0.00	2.00
1	-597	42	-636	-596	PP	G	0.00	0.00	10.75
1	-267	-268	-307	-306	M	G	0.00	0.00	2.00
1	-267	-268	-307	-306	PP	G	0.00	0.00	10.75
1	-268	-269	-308	-307	M	G	0.00	0.00	2.00
1	-268	-269	-308	-307	PP	G	0.00	0.00	10.75
1	-307	-345	-344	-306	M	G	0.00	0.00	2.00
1	-307	-345	-344	-306	PP	G	0.00	0.00	10.75
1	-306	-344	30	-305	M	G	0.00	0.00	2.00
1	-306	-344	30	-305	PP	G	0.00	0.00	10.75
1	-345	-382	-381	-344	M	G	0.00	0.00	2.00
1	-345	-382	-381	-344	PP	G	0.00	0.00	10.75
1	-344	-381	-380	30	M	G	0.00	0.00	2.00
1	-344	-381	-380	30	PP	G	0.00	0.00	10.75
1	-383	-423	-422	-382	M	G	0.00	0.00	2.00
1	-383	-423	-422	-382	PP	G	0.00	0.00	10.75
1	-382	-422	-421	-381	M	G	0.00	0.00	2.00
1	-382	-422	-421	-381	PP	G	0.00	0.00	10.75
1	-381	-421	-420	-380	M	G	0.00	0.00	2.00
1	-381	-421	-420	-380	PP	G	0.00	0.00	10.75
1	-423	-461	-460	-422	M	G	0.00	0.00	2.00
1	-423	-461	-460	-422	PP	G	0.00	0.00	10.75
1	-422	-460	-459	-421	M	G	0.00	0.00	2.00
1	-422	-460	-459	-421	PP	G	0.00	0.00	10.75
1	-421	-459	35	-420	M	G	0.00	0.00	2.00
1	-421	-459	35	-420	PP	G	0.00	0.00	10.75
1	-460	-498	-497	-459	M	G	0.00	0.00	2.00
1	-460	-498	-497	-459	PP	G	0.00	0.00	10.75
1	-459	-497	-496	35	M	G	0.00	0.00	2.00

Relazione di Calcolo – Ponte Torrente Gogna

1	-459	-497	-496	35	PP	G	0.00	0.00	10.75
1	-498	-538	-537	-497	M	G	0.00	0.00	2.00
1	-498	-538	-537	-497	PP	G	0.00	0.00	10.75
1	-497	-537	-536	-496	M	G	0.00	0.00	2.00
1	-497	-537	-536	-496	PP	G	0.00	0.00	10.75
1	-547	-548	-585	-584	M	G	0.00	0.00	2.00
1	-547	-548	-585	-584	PP	G	0.00	0.00	10.75
1	-538	-576	-575	-537	M	G	0.00	0.00	2.00
1	-538	-576	-575	-537	PP	G	0.00	0.00	10.75
1	-537	-575	39	-536	M	G	0.00	0.00	2.00
1	-537	-575	39	-536	PP	G	0.00	0.00	10.75
1	-612	-613	-652	-651	M	G	0.00	0.00	2.00
1	-612	-613	-652	-651	PP	G	0.00	0.00	10.75
1	-575	-576	-614	-613	M	G	0.00	0.00	2.00
1	-575	-576	-614	-613	PP	G	0.00	0.00	10.75
1	-613	-614	-653	-652	M	G	0.00	0.00	2.00
1	-613	-614	-653	-652	PP	G	0.00	0.00	10.75
1	-576	-577	-615	-614	M	G	0.00	0.00	2.00
1	-576	-577	-615	-614	PP	G	0.00	0.00	10.75
1	-614	-615	-654	-653	M	G	0.00	0.00	2.00
1	-614	-615	-654	-653	PP	G	0.00	0.00	10.75
1	-653	-691	-690	-652	M	G	0.00	0.00	2.00
1	-653	-691	-690	-652	PP	G	0.00	0.00	10.75
1	-470	-471	-510	-509	M	G	0.00	0.00	2.00
1	-470	-471	-510	-509	PP	G	0.00	0.00	10.75
1	-691	-729	-728	-690	M	G	0.00	0.00	2.00
1	-691	-729	-728	-690	PP	G	0.00	0.00	10.75
1	-690	-728	-727	44	M	G	0.00	0.00	2.00
1	-690	-728	-727	44	PP	G	0.00	0.00	10.75
1	-729	-769	-768	-728	M	G	0.00	0.00	2.00
1	-729	-769	-768	-728	PP	G	0.00	0.00	10.75
1	-728	-768	-767	-727	M	G	0.00	0.00	2.00
1	-728	-768	-767	-727	PP	G	0.00	0.00	10.75
1	-383	-384	-424	-423	M	G	0.00	0.00	2.00
1	-383	-384	-424	-423	PP	G	0.00	0.00	10.75
1	-423	-424	-462	-461	M	G	0.00	0.00	2.00
1	-423	-424	-462	-461	PP	G	0.00	0.00	10.75
1	-347	-348	-385	-384	M	G	0.00	0.00	2.00
1	-347	-348	-385	-384	PP	G	0.00	0.00	10.75
1	-384	-385	-425	-424	M	G	0.00	0.00	2.00
1	-384	-385	-425	-424	PP	G	0.00	0.00	10.75
1	-424	-425	-463	-462	M	G	0.00	0.00	2.00
1	-424	-425	-463	-462	PP	G	0.00	0.00	10.75
1	-309	-310	-348	-347	M	G	0.00	0.00	2.00
1	-309	-310	-348	-347	PP	G	0.00	0.00	10.75
1	-270	-271	-310	-309	M	G	0.00	0.00	2.00
1	-270	-271	-310	-309	PP	G	0.00	0.00	10.75
1	-462	-463	-501	-500	M	G	0.00	0.00	2.00
1	-462	-463	-501	-500	PP	G	0.00	0.00	10.75
1	-539	-540	-578	-577	M	G	0.00	0.00	2.00
1	-539	-540	-578	-577	PP	G	0.00	0.00	10.75
1	-500	-501	-541	-540	M	G	0.00	0.00	2.00
1	-500	-501	-541	-540	PP	G	0.00	0.00	10.75
1	-540	-541	-579	-578	M	G	0.00	0.00	2.00
1	-540	-541	-579	-578	PP	G	0.00	0.00	10.75
1	-615	-616	-655	-654	M	G	0.00	0.00	2.00
1	-615	-616	-655	-654	PP	G	0.00	0.00	10.75
1	-578	-579	-617	-616	M	G	0.00	0.00	2.00
1	-578	-579	-617	-616	PP	G	0.00	0.00	10.75
1	-286	-287	-326	-325	M	G	0.00	0.00	2.00
1	-286	-287	-326	-325	PP	G	0.00	0.00	10.75
1	-655	-656	-694	-693	M	G	0.00	0.00	2.00
1	-655	-656	-694	-693	PP	G	0.00	0.00	10.75
1	-693	-694	-732	-731	M	G	0.00	0.00	2.00
1	-693	-694	-732	-731	PP	G	0.00	0.00	10.75
1	-731	-732	-772	-771	M	G	0.00	0.00	2.00
1	-731	-732	-772	-771	PP	G	0.00	0.00	10.75
1	-272	-273	-312	-311	M	G	0.00	0.00	2.00
1	-272	-273	-312	-311	PP	G	0.00	0.00	10.75
1	-273	-274	-313	-312	M	G	0.00	0.00	2.00
1	-273	-274	-313	-312	PP	G	0.00	0.00	10.75
1	-312	-350	-349	-311	M	G	0.00	0.00	2.00
1	-312	-350	-349	-311	PP	G	0.00	0.00	10.75
1	-311	-349	-348	-310	M	G	0.00	0.00	2.00
1	-311	-349	-348	-310	PP	G	0.00	0.00	10.75
1	-350	-387	-386	-349	M	G	0.00	0.00	2.00
1	-350	-387	-386	-349	PP	G	0.00	0.00	10.75
1	-623	-624	-663	-662	M	G	0.00	0.00	2.00
1	-623	-624	-663	-662	PP	G	0.00	0.00	10.75

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1	-388	-428	-427	-387	M	G	0.00	0.00	2.00
1	-388	-428	-427	-387	PP	G	0.00	0.00	10.75
1	-387	-427	-426	-386	M	G	0.00	0.00	2.00
1	-387	-427	-426	-386	PP	G	0.00	0.00	10.75
1	-386	-426	-425	-385	M	G	0.00	0.00	2.00
1	-386	-426	-425	-385	PP	G	0.00	0.00	10.75
1	-428	36	-465	-427	M	G	0.00	0.00	2.00
1	-428	36	-465	-427	PP	G	0.00	0.00	10.75
1	-427	-465	-464	-426	M	G	0.00	0.00	2.00
1	-427	-465	-464	-426	PP	G	0.00	0.00	10.75
1	-426	-464	-463	-425	M	G	0.00	0.00	2.00
1	-426	-464	-463	-425	PP	G	0.00	0.00	10.75
1	-465	-503	-502	-464	M	G	0.00	0.00	2.00
1	-465	-503	-502	-464	PP	G	0.00	0.00	10.75
1	-464	-502	-501	-463	M	G	0.00	0.00	2.00
1	-464	-502	-501	-463	PP	G	0.00	0.00	10.75
1	-546	-547	-584	-583	M	G	0.00	0.00	2.00
1	-546	-547	-584	-583	PP	G	0.00	0.00	10.75
1	-502	-542	-541	-501	M	G	0.00	0.00	2.00
1	-502	-542	-541	-501	PP	G	0.00	0.00	10.75
1	-544	40	-581	-543	M	G	0.00	0.00	2.00
1	-544	40	-581	-543	PP	G	0.00	0.00	10.75
1	-543	-581	-580	-542	M	G	0.00	0.00	2.00
1	-543	-581	-580	-542	PP	G	0.00	0.00	10.75
1	-542	-580	-579	-541	M	G	0.00	0.00	2.00
1	-542	-580	-579	-541	PP	G	0.00	0.00	10.75
1	-581	-619	-618	-580	M	G	0.00	0.00	2.00
1	-581	-619	-618	-580	PP	G	0.00	0.00	10.75
1	-580	-618	-617	-579	M	G	0.00	0.00	2.00
1	-580	-618	-617	-579	PP	G	0.00	0.00	10.75
1	-620	-659	-658	-619	M	G	0.00	0.00	2.00
1	-620	-659	-658	-619	PP	G	0.00	0.00	10.75
1	-343	30	-380	-379	M	G	0.00	0.00	2.00
1	-343	30	-380	-379	PP	G	0.00	0.00	10.75
1	-618	-657	-656	-617	M	G	0.00	0.00	2.00
1	-618	-657	-656	-617	PP	G	0.00	0.00	10.75
1	-658	-696	-695	-657	M	G	0.00	0.00	2.00
1	-658	-696	-695	-657	PP	G	0.00	0.00	10.75
1	-657	-695	-694	-656	M	G	0.00	0.00	2.00
1	-657	-695	-694	-656	PP	G	0.00	0.00	10.75
1	-734	-733	-695	-696	M	G	0.00	0.00	2.00
1	-734	-733	-695	-696	PP	G	0.00	0.00	10.75
1	-733	-732	-694	-695	M	G	0.00	0.00	2.00
1	-733	-732	-694	-695	PP	G	0.00	0.00	10.75
1	-734	-774	-773	-733	M	G	0.00	0.00	2.00
1	-734	-774	-773	-733	PP	G	0.00	0.00	10.75
1	-733	-773	-772	-732	M	G	0.00	0.00	2.00
1	-733	-773	-772	-732	PP	G	0.00	0.00	10.75
1	-736	-737	-777	-776	M	G	0.00	0.00	2.00
1	-736	-737	-777	-776	PP	G	0.00	0.00	10.75
1	-737	-738	-778	-777	M	G	0.00	0.00	2.00
1	-737	-738	-778	-777	PP	G	0.00	0.00	10.75
1	-738	-739	-779	-778	M	G	0.00	0.00	2.00
1	-738	-739	-779	-778	PP	G	0.00	0.00	10.75
1	-430	-431	-468	-467	M	G	0.00	0.00	2.00
1	-430	-431	-468	-467	PP	G	0.00	0.00	10.75
1	-740	-741	-781	-780	M	G	0.00	0.00	2.00
1	-740	-741	-781	-780	PP	G	0.00	0.00	10.75
1	-697	-698	-737	-736	M	G	0.00	0.00	2.00
1	-697	-698	-737	-736	PP	G	0.00	0.00	10.75
1	-698	-699	-738	-737	M	G	0.00	0.00	2.00
1	-698	-699	-738	-737	PP	G	0.00	0.00	10.75
1	-699	-700	-739	-738	M	G	0.00	0.00	2.00
1	-699	-700	-739	-738	PP	G	0.00	0.00	10.75
1	-700	-701	-740	-739	M	G	0.00	0.00	2.00
1	-700	-701	-740	-739	PP	G	0.00	0.00	10.75
1	-701	-702	-741	-740	M	G	0.00	0.00	2.00
1	-701	-702	-741	-740	PP	G	0.00	0.00	10.75
1	-664	-701	-700	-663	M	G	0.00	0.00	2.00
1	-664	-701	-700	-663	PP	G	0.00	0.00	10.75
1	-663	-700	-699	-662	M	G	0.00	0.00	2.00
1	-663	-700	-699	-662	PP	G	0.00	0.00	10.75
1	-662	-699	-698	-661	M	G	0.00	0.00	2.00
1	-662	-699	-698	-661	PP	G	0.00	0.00	10.75
1	-661	-698	-697	-660	M	G	0.00	0.00	2.00
1	-661	-698	-697	-660	PP	G	0.00	0.00	10.75
1	-660	-697	45	-659	M	G	0.00	0.00	2.00
1	-660	-697	45	-659	PP	G	0.00	0.00	10.75
1	-620	-621	-660	-659	M	G	0.00	0.00	2.00

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1	-620	-621	-660	-659	PP	G	0.00	0.00	10.75
1	-582	-583	-622	-621	M	G	0.00	0.00	2.00
1	-582	-583	-622	-621	PP	G	0.00	0.00	10.75
1	-442	-443	-479	37	M	G	0.00	0.00	2.00
1	-442	-443	-479	37	PP	G	0.00	0.00	10.75
1	-583	-584	-623	-622	M	G	0.00	0.00	2.00
1	-583	-584	-623	-622	PP	G	0.00	0.00	10.75
1	-622	-623	-662	-661	M	G	0.00	0.00	2.00
1	-622	-623	-662	-661	PP	G	0.00	0.00	10.75
1	-584	-585	-624	-623	M	G	0.00	0.00	2.00
1	-584	-585	-624	-623	PP	G	0.00	0.00	10.75
1	-351	-352	-390	-389	M	G	0.00	0.00	2.00
1	-351	-352	-390	-389	PP	G	0.00	0.00	10.75
1	-585	-586	-625	-624	M	G	0.00	0.00	2.00
1	-585	-586	-625	-624	PP	G	0.00	0.00	10.75
1	-429	-430	-467	-466	M	G	0.00	0.00	2.00
1	-429	-430	-467	-466	PP	G	0.00	0.00	10.75
1	-586	-587	-626	-625	M	G	0.00	0.00	2.00
1	-586	-587	-626	-625	PP	G	0.00	0.00	10.75
1	-625	-626	-665	-664	M	G	0.00	0.00	2.00
1	-625	-626	-665	-664	PP	G	0.00	0.00	10.75
1	-544	-545	-582	40	M	G	0.00	0.00	2.00
1	-544	-545	-582	40	PP	G	0.00	0.00	10.75
1	-505	-506	-546	-545	M	G	0.00	0.00	2.00
1	-505	-506	-546	-545	PP	G	0.00	0.00	10.75
1	-545	-546	-583	-582	M	G	0.00	0.00	2.00
1	-545	-546	-583	-582	PP	G	0.00	0.00	10.75
1	-689	-726	-725	-688	M	G	0.00	0.00	2.00
1	-689	-726	-725	-688	PP	G	0.00	0.00	10.75
1	-726	-766	-765	-725	M	G	0.00	0.00	2.00
1	-726	-766	-765	-725	PP	G	0.00	0.00	10.75
1	-507	-508	-548	-547	M	G	0.00	0.00	2.00
1	-507	-508	-548	-547	PP	G	0.00	0.00	10.75
1	-611	-650	-649	-610	M	G	0.00	0.00	2.00
1	-611	-650	-649	-610	PP	G	0.00	0.00	10.75
1	-508	-509	-549	-548	M	G	0.00	0.00	2.00
1	-508	-509	-549	-548	PP	G	0.00	0.00	10.75
1	-548	-549	-586	-585	M	G	0.00	0.00	2.00
1	-548	-549	-586	-585	PP	G	0.00	0.00	10.75
1	-509	-510	-550	-549	M	G	0.00	0.00	2.00
1	-509	-510	-550	-549	PP	G	0.00	0.00	10.75
1	-549	-550	-587	-586	M	G	0.00	0.00	2.00
1	-549	-550	-587	-586	PP	G	0.00	0.00	10.75
1	-466	-467	-506	-505	M	G	0.00	0.00	2.00
1	-466	-467	-506	-505	PP	G	0.00	0.00	10.75
1	-419	-420	35	-458	M	G	0.00	0.00	2.00
1	-419	-420	35	-458	PP	G	0.00	0.00	10.75
1	-468	-469	-508	-507	M	G	0.00	0.00	2.00
1	-468	-469	-508	-507	PP	G	0.00	0.00	10.75
1	-265	-266	-305	-304	M	G	0.00	0.00	2.00
1	-265	-266	-305	-304	PP	G	0.00	0.00	10.75
1	-304	-343	-342	-303	M	G	0.00	0.00	2.00
1	-304	-343	-342	-303	PP	G	0.00	0.00	10.75
1	-388	-389	-429	-428	M	G	0.00	0.00	2.00
1	-388	-389	-429	-428	PP	G	0.00	0.00	10.75
1	-428	-429	-466	36	M	G	0.00	0.00	2.00
1	-428	-429	-466	36	PP	G	0.00	0.00	10.75
1	-432	-433	-470	-469	M	G	0.00	0.00	2.00
1	-432	-433	-470	-469	PP	G	0.00	0.00	10.75
1	-389	-390	-430	-429	M	G	0.00	0.00	2.00
1	-389	-390	-430	-429	PP	G	0.00	0.00	10.75
1	-283	-284	-323	-322	M	G	0.00	0.00	2.00
1	-283	-284	-323	-322	PP	G	0.00	0.00	10.75
1	-352	-353	-391	-390	M	G	0.00	0.00	2.00
1	-352	-353	-391	-390	PP	G	0.00	0.00	10.75
1	-390	-391	-431	-430	M	G	0.00	0.00	2.00
1	-390	-391	-431	-430	PP	G	0.00	0.00	10.75
1	-458	-495	-494	-457	M	G	0.00	0.00	2.00
1	-458	-495	-494	-457	PP	G	0.00	0.00	10.75
1	-353	-354	-392	-391	M	G	0.00	0.00	2.00
1	-353	-354	-392	-391	PP	G	0.00	0.00	10.75
1	-391	-392	-432	-431	M	G	0.00	0.00	2.00
1	-391	-392	-432	-431	PP	G	0.00	0.00	10.75
1	-431	-432	-469	-468	M	G	0.00	0.00	2.00
1	-431	-432	-469	-468	PP	G	0.00	0.00	10.75
1	-354	-355	-393	-392	M	G	0.00	0.00	2.00
1	-354	-355	-393	-392	PP	G	0.00	0.00	10.75
1	-392	-393	-433	-432	M	G	0.00	0.00	2.00
1	-392	-393	-433	-432	PP	G	0.00	0.00	10.75

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1	-495	-535	-534	-494	M	G	0.00	0.00	2.00
1	-495	-535	-534	-494	PP	G	0.00	0.00	10.75
1	-326	-327	32	-363	M	G	0.00	0.00	2.00
1	-326	-327	32	-363	PP	G	0.00	0.00	10.75
1	-325	-326	-363	-362	M	G	0.00	0.00	2.00
1	-325	-326	-363	-362	PP	G	0.00	0.00	10.75
1	-284	-285	-324	-323	M	G	0.00	0.00	2.00
1	-284	-285	-324	-323	PP	G	0.00	0.00	10.75
1	-285	-286	-325	-324	M	G	0.00	0.00	2.00
1	-285	-286	-325	-324	PP	G	0.00	0.00	10.75
1	-634	-635	-674	-673	M	G	0.00	0.00	2.00
1	-634	-635	-674	-673	PP	G	0.00	0.00	10.75
1	-287	28	-327	-326	M	G	0.00	0.00	2.00
1	-287	28	-327	-326	PP	G	0.00	0.00	10.75
1	-402	-403	-443	-442	M	G	0.00	0.00	2.00
1	-402	-403	-443	-442	PP	G	0.00	0.00	10.75
1	-379	-380	-420	-419	M	G	0.00	0.00	2.00
1	-379	-380	-420	-419	PP	G	0.00	0.00	10.75
1	-558	-559	-595	41	M	G	0.00	0.00	2.00
1	-558	-559	-595	41	PP	G	0.00	0.00	10.75
1	-535	-574	-573	-534	M	G	0.00	0.00	2.00
1	-535	-574	-573	-534	PP	G	0.00	0.00	10.75
1	-650	-689	-688	-649	M	G	0.00	0.00	2.00
1	-650	-689	-688	-649	PP	G	0.00	0.00	10.75
1	-574	-611	-610	-573	M	G	0.00	0.00	2.00
1	-574	-611	-610	-573	PP	G	0.00	0.00	10.75
2	-235	13	18	-239	PP	G	0.00	0.00	8.75
2	-222	-223	-228	4	PP	G	0.00	0.00	8.75
2	18	-240	-245	-244	PP	G	0.00	0.00	8.75
2	-221	-222	4	-227	PP	G	0.00	0.00	8.75
2	4	-228	-232	9	PP	G	0.00	0.00	8.75
2	-239	18	-244	-243	PP	G	0.00	0.00	8.75
2	13	-236	-240	18	PP	G	0.00	0.00	8.75
2	9	-232	-236	13	PP	G	0.00	0.00	8.75
2	-231	9	13	-235	PP	G	0.00	0.00	8.75
2	-227	4	9	-231	PP	G	0.00	0.00	8.75
3	-229	5	10	-233	PP	G	0.00	0.00	8.75
3	-225	-226	-230	5	PP	G	0.00	0.00	8.75
3	-233	10	14	-237	PP	G	0.00	0.00	8.75
3	10	-234	-238	14	PP	G	0.00	0.00	8.75
3	-241	19	-247	-246	PP	G	0.00	0.00	8.75
3	19	-242	-248	-247	PP	G	0.00	0.00	8.75
3	-224	-225	5	-229	PP	G	0.00	0.00	8.75
3	14	-238	-242	19	PP	G	0.00	0.00	8.75
3	-237	14	19	-241	PP	G	0.00	0.00	8.75
3	5	-230	-234	10	PP	G	0.00	0.00	8.75
4	-165	-166	-194	-193	PP	G	0.00	0.00	6.25
4	-194	-195	-223	-222	PP	G	0.00	0.00	6.25
4	-193	-194	-222	-221	PP	G	0.00	0.00	6.25
4	-13	-14	-83	-82	PP	G	0.00	0.00	6.25
4	-166	-167	-195	-194	PP	G	0.00	0.00	6.25
4	-12	-13	-82	-81	PP	G	0.00	0.00	6.25
4	-81	-82	-110	-109	PP	G	0.00	0.00	6.25
4	-109	-110	-138	-137	PP	G	0.00	0.00	6.25
4	-138	-139	-167	-166	PP	G	0.00	0.00	6.25
4	-110	-111	-139	-138	PP	G	0.00	0.00	6.25
4	-82	-83	-111	-110	PP	G	0.00	0.00	6.25
4	-137	-138	-166	-165	PP	G	0.00	0.00	6.25
5	-85	-86	-114	-113	PP	G	0.00	0.00	6.25
5	-141	-142	-170	-169	PP	G	0.00	0.00	6.25
5	-140	-141	-169	-168	PP	G	0.00	0.00	6.25
5	-112	-113	-141	-140	PP	G	0.00	0.00	6.25
5	-196	-197	-225	-224	PP	G	0.00	0.00	6.25
5	-17	-18	-85	-84	PP	G	0.00	0.00	6.25
5	-197	-198	-226	-225	PP	G	0.00	0.00	6.25
5	-168	-169	-197	-196	PP	G	0.00	0.00	6.25
5	-18	-19	-86	-85	PP	G	0.00	0.00	6.25
5	-84	-85	-113	-112	PP	G	0.00	0.00	6.25
5	-169	-170	-198	-197	PP	G	0.00	0.00	6.25
5	-113	-114	-142	-141	PP	G	0.00	0.00	6.25
6	-107	-106	-134	-135	PP	G	0.00	0.00	6.25
6	-135	-134	-162	-163	PP	G	0.00	0.00	6.25
6	-69	-68	-107	-108	PP	G	0.00	0.00	6.25
6	-136	-135	-163	-164	PP	G	0.00	0.00	6.25
6	-163	-162	-190	-191	PP	G	0.00	0.00	6.25
6	-192	-191	-219	-220	PP	G	0.00	0.00	6.25
6	-164	-163	-191	-192	PP	G	0.00	0.00	6.25
6	-108	-107	-135	-136	PP	G	0.00	0.00	6.25
6	-220	-219	-247	-248	PP	G	0.00	0.00	6.25

Relazione di Calcolo – Ponte Torrente Gogna

6	-219	-218	-246	-247	PP	G	0.00	0.00	6.25
6	-191	-190	-218	-219	PP	G	0.00	0.00	6.25
6	-68	-67	-106	-107	PP	G	0.00	0.00	6.25
7	-64	-63	-104	-105	PP	G	0.00	0.00	6.25
7	-217	-216	-244	-245	PP	G	0.00	0.00	6.25
7	-189	-188	-216	-217	PP	G	0.00	0.00	6.25
7	-105	-104	-132	-133	PP	G	0.00	0.00	6.25
7	-132	-131	-159	-160	PP	G	0.00	0.00	6.25
7	-104	-103	-131	-132	PP	G	0.00	0.00	6.25
7	-188	-187	-215	-216	PP	G	0.00	0.00	6.25
7	-216	-215	-243	-244	PP	G	0.00	0.00	6.25
7	-161	-160	-188	-189	PP	G	0.00	0.00	6.25
7	-133	-132	-160	-161	PP	G	0.00	0.00	6.25
7	-63	-62	-103	-104	PP	G	0.00	0.00	6.25
7	-160	-159	-187	-188	PP	G	0.00	0.00	6.25
8	-170	-174	-202	-198	PP	G	0.00	0.00	6.25
8	-198	-202	-230	-226	PP	G	0.00	0.00	6.25
8	-206	-210	-238	-234	PP	G	0.00	0.00	6.25
8	-178	-182	-210	-206	PP	G	0.00	0.00	6.25
8	-214	-220	-248	-242	PP	G	0.00	0.00	6.25
8	-186	-192	-220	-214	PP	G	0.00	0.00	6.25
8	-19	-29	-90	-86	PP	G	0.00	0.00	6.25
8	-59	-69	-108	-102	PP	G	0.00	0.00	6.25
8	-39	-49	-98	-94	PP	G	0.00	0.00	6.25
8	-49	-59	-102	-98	PP	G	0.00	0.00	6.25
8	-29	-39	-94	-90	PP	G	0.00	0.00	6.25
8	-174	-178	-206	-202	PP	G	0.00	0.00	6.25
8	-202	-206	-234	-230	PP	G	0.00	0.00	6.25
8	-126	-130	-158	-154	PP	G	0.00	0.00	6.25
8	-98	-102	-130	-126	PP	G	0.00	0.00	6.25
8	-150	-154	-182	-178	PP	G	0.00	0.00	6.25
8	-94	-98	-126	-122	PP	G	0.00	0.00	6.25
8	-210	-214	-242	-238	PP	G	0.00	0.00	6.25
8	-114	-118	-146	-142	PP	G	0.00	0.00	6.25
8	-86	-90	-118	-114	PP	G	0.00	0.00	6.25
8	-130	-136	-164	-158	PP	G	0.00	0.00	6.25
8	-182	-186	-214	-210	PP	G	0.00	0.00	6.25
8	-142	-146	-174	-170	PP	G	0.00	0.00	6.25
8	-154	-158	-186	-182	PP	G	0.00	0.00	6.25
8	-146	-150	-178	-174	PP	G	0.00	0.00	6.25
8	-118	-122	-150	-146	PP	G	0.00	0.00	6.25
8	-158	-164	-192	-186	PP	G	0.00	0.00	6.25
8	-122	-126	-154	-150	PP	G	0.00	0.00	6.25
8	-102	-108	-136	-130	PP	G	0.00	0.00	6.25
8	-90	-94	-122	-118	PP	G	0.00	0.00	6.25
9	-121	-117	-145	-149	PP	G	0.00	0.00	6.25
9	-67	-57	-101	-106	PP	G	0.00	0.00	6.25
9	-97	-93	-121	-125	PP	G	0.00	0.00	6.25
9	-157	-153	-181	-185	PP	G	0.00	0.00	6.25
9	-149	-145	-173	-177	PP	G	0.00	0.00	6.25
9	-27	-17	-84	-89	PP	G	0.00	0.00	6.25
9	-153	-149	-177	-181	PP	G	0.00	0.00	6.25
9	-93	-89	-117	-121	PP	G	0.00	0.00	6.25
9	-205	-201	-229	-233	PP	G	0.00	0.00	6.25
9	-190	-185	-213	-218	PP	G	0.00	0.00	6.25
9	-129	-125	-153	-157	PP	G	0.00	0.00	6.25
9	-101	-97	-125	-129	PP	G	0.00	0.00	6.25
9	-125	-121	-149	-153	PP	G	0.00	0.00	6.25
9	-57	-47	-97	-101	PP	G	0.00	0.00	6.25
9	-185	-181	-209	-213	PP	G	0.00	0.00	6.25
9	-213	-209	-237	-241	PP	G	0.00	0.00	6.25
9	-89	-84	-112	-117	PP	G	0.00	0.00	6.25
9	-117	-112	-140	-145	PP	G	0.00	0.00	6.25
9	-145	-140	-168	-173	PP	G	0.00	0.00	6.25
9	-177	-173	-201	-205	PP	G	0.00	0.00	6.25
9	-162	-157	-185	-190	PP	G	0.00	0.00	6.25
9	-134	-129	-157	-162	PP	G	0.00	0.00	6.25
9	-173	-168	-196	-201	PP	G	0.00	0.00	6.25
9	-201	-196	-224	-229	PP	G	0.00	0.00	6.25
9	-209	-205	-233	-237	PP	G	0.00	0.00	6.25
9	-37	-27	-89	-93	PP	G	0.00	0.00	6.25
9	-181	-177	-205	-209	PP	G	0.00	0.00	6.25
9	-47	-37	-93	-97	PP	G	0.00	0.00	6.25
9	-218	-213	-241	-246	PP	G	0.00	0.00	6.25
9	-106	-101	-129	-134	PP	G	0.00	0.00	6.25
10	-152	-156	-184	-180	PP	G	0.00	0.00	6.25
10	-124	-128	-156	-152	PP	G	0.00	0.00	6.25
10	-144	-148	-176	-172	PP	G	0.00	0.00	6.25
10	-116	-120	-148	-144	PP	G	0.00	0.00	6.25

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10	-96	-100	-128	-124	PP	G	0.00	0.00	6.25
10	-148	-152	-180	-176	PP	G	0.00	0.00	6.25
10	-195	-200	-228	-223	PP	G	0.00	0.00	6.25
10	-24	-34	-92	-88	PP	G	0.00	0.00	6.25
10	-172	-176	-204	-200	PP	G	0.00	0.00	6.25
10	-139	-144	-172	-167	PP	G	0.00	0.00	6.25
10	-111	-116	-144	-139	PP	G	0.00	0.00	6.25
10	-83	-88	-116	-111	PP	G	0.00	0.00	6.25
10	-88	-92	-120	-116	PP	G	0.00	0.00	6.25
10	-14	-24	-88	-83	PP	G	0.00	0.00	6.25
10	-44	-54	-100	-96	PP	G	0.00	0.00	6.25
10	-92	-96	-124	-120	PP	G	0.00	0.00	6.25
10	-120	-124	-152	-148	PP	G	0.00	0.00	6.25
10	-167	-172	-200	-195	PP	G	0.00	0.00	6.25
10	-184	-189	-217	-212	PP	G	0.00	0.00	6.25
10	-212	-217	-245	-240	PP	G	0.00	0.00	6.25
10	-156	-161	-189	-184	PP	G	0.00	0.00	6.25
10	-200	-204	-232	-228	PP	G	0.00	0.00	6.25
10	-34	-44	-96	-92	PP	G	0.00	0.00	6.25
10	-176	-180	-208	-204	PP	G	0.00	0.00	6.25
10	-204	-208	-236	-232	PP	G	0.00	0.00	6.25
10	-128	-133	-161	-156	PP	G	0.00	0.00	6.25
10	-180	-184	-212	-208	PP	G	0.00	0.00	6.25
10	-208	-212	-240	-236	PP	G	0.00	0.00	6.25
10	-54	-64	-105	-100	PP	G	0.00	0.00	6.25
10	-100	-105	-133	-128	PP	G	0.00	0.00	6.25
11	-103	-99	-127	-131	PP	G	0.00	0.00	6.25
11	-187	-183	-211	-215	PP	G	0.00	0.00	6.25
11	-215	-211	-239	-243	PP	G	0.00	0.00	6.25
11	-52	-42	-95	-99	PP	G	0.00	0.00	6.25
11	-159	-155	-183	-187	PP	G	0.00	0.00	6.25
11	-131	-127	-155	-159	PP	G	0.00	0.00	6.25
11	-62	-52	-99	-103	PP	G	0.00	0.00	6.25
11	-179	-175	-203	-207	PP	G	0.00	0.00	6.25
11	-207	-203	-231	-235	PP	G	0.00	0.00	6.25
11	-32	-22	-87	-91	PP	G	0.00	0.00	6.25
11	-175	-171	-199	-203	PP	G	0.00	0.00	6.25
11	-203	-199	-227	-231	PP	G	0.00	0.00	6.25
11	-22	-12	-81	-87	PP	G	0.00	0.00	6.25
11	-171	-165	-193	-199	PP	G	0.00	0.00	6.25
11	-199	-193	-221	-227	PP	G	0.00	0.00	6.25
11	-183	-179	-207	-211	PP	G	0.00	0.00	6.25
11	-211	-207	-235	-239	PP	G	0.00	0.00	6.25
11	-42	-32	-91	-95	PP	G	0.00	0.00	6.25
11	-99	-95	-123	-127	PP	G	0.00	0.00	6.25
11	-127	-123	-151	-155	PP	G	0.00	0.00	6.25
11	-155	-151	-179	-183	PP	G	0.00	0.00	6.25
11	-95	-91	-119	-123	PP	G	0.00	0.00	6.25
11	-123	-119	-147	-151	PP	G	0.00	0.00	6.25
11	-151	-147	-175	-179	PP	G	0.00	0.00	6.25
11	-91	-87	-115	-119	PP	G	0.00	0.00	6.25
11	-119	-115	-143	-147	PP	G	0.00	0.00	6.25
11	-147	-143	-171	-175	PP	G	0.00	0.00	6.25
11	-87	-81	-109	-115	PP	G	0.00	0.00	6.25
11	-115	-109	-137	-143	PP	G	0.00	0.00	6.25
11	-143	-137	-165	-171	PP	G	0.00	0.00	6.25
12	-3	-1	-13	-12	PP	G	0.00	0.00	100.00
12	-13	-23	-22	-12	PP	G	0.00	0.00	100.00
12	-23	-33	-32	-22	PP	G	0.00	0.00	100.00
12	-33	-43	-42	-32	PP	G	0.00	0.00	100.00
12	-43	-53	-52	-42	PP	G	0.00	0.00	100.00
12	-53	-63	-62	-52	PP	G	0.00	0.00	100.00
12	-63	-79	-75	-62	PP	G	0.00	0.00	100.00
12	-75	-71	-61	-62	PP	G	0.00	0.00	100.00
12	-62	-61	-51	-52	PP	G	0.00	0.00	100.00
12	-51	-41	-42	-52	PP	G	0.00	0.00	100.00
12	-41	-31	-32	-42	PP	G	0.00	0.00	100.00
12	-31	-21	-22	-32	PP	G	0.00	0.00	100.00
12	-21	-11	-12	-22	PP	G	0.00	0.00	100.00
12	-11	-7	-3	-12	PP	G	0.00	0.00	100.00
12	-1	-4	-14	-13	PP	G	0.00	0.00	100.00
12	-4	-8	-15	-14	PP	G	0.00	0.00	100.00
12	-15	-25	-24	-14	PP	G	0.00	0.00	100.00
12	-24	-23	-13	-14	PP	G	0.00	0.00	100.00
12	-25	-35	-34	-24	PP	G	0.00	0.00	100.00
12	-34	-33	-23	-24	PP	G	0.00	0.00	100.00
12	-35	-45	-44	-34	PP	G	0.00	0.00	100.00
12	-44	-43	-33	-34	PP	G	0.00	0.00	100.00
12	-55	-54	-44	-45	PP	G	0.00	0.00	100.00

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12	-55	-65	-64	-54	PP	G	0.00	0.00	100.00
12	-65	-72	-76	-64	PP	G	0.00	0.00	100.00
12	-76	-79	-63	-64	PP	G	0.00	0.00	100.00
12	-63	-53	-54	-64	PP	G	0.00	0.00	100.00
12	-53	-43	-44	-54	PP	G	0.00	0.00	100.00
13	-58	-48	-49	-59	PP	G	0.00	0.00	100.00
13	-68	-58	-59	-69	PP	G	0.00	0.00	100.00
13	-78	-80	-68	-69	PP	G	0.00	0.00	100.00
13	-70	-74	-78	-69	PP	G	0.00	0.00	100.00
13	-60	-70	-69	-59	PP	G	0.00	0.00	100.00
13	-60	-59	-49	-50	PP	G	0.00	0.00	100.00
13	-49	-48	-38	-39	PP	G	0.00	0.00	100.00
13	-40	-50	-49	-39	PP	G	0.00	0.00	100.00
13	-39	-38	-28	-29	PP	G	0.00	0.00	100.00
13	-30	-40	-39	-29	PP	G	0.00	0.00	100.00
13	-29	-28	-18	-19	PP	G	0.00	0.00	100.00
13	-20	-30	-29	-19	PP	G	0.00	0.00	100.00
13	-6	-10	-20	-19	PP	G	0.00	0.00	100.00
13	-2	-6	-19	-18	PP	G	0.00	0.00	100.00
13	-16	-9	-5	-17	PP	G	0.00	0.00	100.00
13	-26	-16	-17	-27	PP	G	0.00	0.00	100.00
13	-36	-26	-27	-37	PP	G	0.00	0.00	100.00
13	-46	-36	-37	-47	PP	G	0.00	0.00	100.00
13	-56	-46	-47	-57	PP	G	0.00	0.00	100.00
13	-67	-66	-56	-57	PP	G	0.00	0.00	100.00
13	-77	-73	-66	-67	PP	G	0.00	0.00	100.00
13	-68	-80	-77	-67	PP	G	0.00	0.00	100.00
13	-58	-68	-67	-57	PP	G	0.00	0.00	100.00
13	-48	-58	-57	-47	PP	G	0.00	0.00	100.00
13	-38	-48	-47	-37	PP	G	0.00	0.00	100.00
13	-28	-38	-37	-27	PP	G	0.00	0.00	100.00
13	-18	-28	-27	-17	PP	G	0.00	0.00	100.00
13	-5	-2	-18	-17	PP	G	0.00	0.00	100.00

Elenco carichi elementi bidimensionali

Condizione di carico n. 2: Peranenti non strutturali

Carichi uniformi

Bid.	N1	N2	N3	N4	T	DC	Qx <kN/mq>	Qy <kN/mq>	Qz <kN/mq>
1	-251	27	-290	-289	M	G	0.00	0.00	5.00
1	-290	29	-329	-289	M	G	0.00	0.00	3.00
1	32	-364	-403	-402	M	G	0.00	0.00	3.00
1	-539	-577	-576	-538	M	G	0.00	0.00	3.00
1	34	-481	-480	-444	M	G	0.00	0.00	3.00
1	38	-597	-596	-560	M	G	0.00	0.00	3.00
1	-675	-636	42	43	M	G	0.00	0.00	3.00
1	-675	43	-712	-711	M	G	0.00	0.00	3.00
1	-711	-712	-752	-751	M	G	0.00	0.00	5.00
1	27	-252	-291	-290	M	G	0.00	0.00	5.00
1	-296	-335	-334	-295	M	G	0.00	0.00	3.00
1	29	33	-365	-329	M	G	0.00	0.00	3.00
1	-652	-690	44	-651	M	G	0.00	0.00	3.00
1	34	-445	-482	-481	M	G	0.00	0.00	3.00
1	-566	-603	-602	-565	M	G	0.00	0.00	3.00
1	-642	-681	-680	-641	M	G	0.00	0.00	3.00
1	-681	-718	-717	-680	M	G	0.00	0.00	3.00
1	-718	-758	-757	-717	M	G	0.00	0.00	5.00
1	-718	-719	-759	-758	M	G	0.00	0.00	5.00
1	-681	-682	-719	-718	M	G	0.00	0.00	3.00
1	-642	-643	-682	-681	M	G	0.00	0.00	3.00
1	-567	-568	-605	-604	M	G	0.00	0.00	3.00
1	-488	-489	-529	-528	M	G	0.00	0.00	3.00
1	-450	-451	-488	-487	M	G	0.00	0.00	3.00
1	-335	-371	-370	-334	M	G	0.00	0.00	3.00
1	-296	-297	-336	-335	M	G	0.00	0.00	3.00
1	-257	-258	-297	-296	M	G	0.00	0.00	5.00
1	-259	-260	-299	-298	M	G	0.00	0.00	5.00
1	-305	30	-343	-304	M	G	0.00	0.00	3.00
1	-336	-337	-373	-372	M	G	0.00	0.00	3.00
1	-616	-617	-656	-655	M	G	0.00	0.00	3.00
1	35	-496	-495	-458	M	G	0.00	0.00	3.00
1	39	-612	-611	-574	M	G	0.00	0.00	3.00
1	-651	44	-689	-650	M	G	0.00	0.00	3.00
1	44	-727	-726	-689	M	G	0.00	0.00	3.00
1	-727	-767	-766	-726	M	G	0.00	0.00	5.00
1	-266	-267	-306	-305	M	G	0.00	0.00	5.00
1	-308	-346	-345	-307	M	G	0.00	0.00	3.00
1	-337	-338	-374	-373	M	G	0.00	0.00	3.00

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1	-349	-386	-385	-348	M	G	0.00	0.00	3.00
1	-461	-499	-498	-460	M	G	0.00	0.00	3.00
1	39	-575	-613	-612	M	G	0.00	0.00	3.00
1	-654	-692	-691	-653	M	G	0.00	0.00	3.00
1	-692	-730	-729	-691	M	G	0.00	0.00	3.00
1	-730	-770	-769	-729	M	G	0.00	0.00	5.00
1	-730	-731	-771	-770	M	G	0.00	0.00	5.00
1	-692	-693	-731	-730	M	G	0.00	0.00	3.00
1	-577	-578	-616	-615	M	G	0.00	0.00	3.00
1	-503	-543	-542	-502	M	G	0.00	0.00	3.00
1	-461	-462	-500	-499	M	G	0.00	0.00	3.00
1	-346	-383	-382	-345	M	G	0.00	0.00	3.00
1	-308	-309	-347	-346	M	G	0.00	0.00	3.00
1	-269	-270	-309	-308	M	G	0.00	0.00	5.00
1	-271	-272	-311	-310	M	G	0.00	0.00	5.00
1	-313	31	-350	-312	M	G	0.00	0.00	3.00
1	-346	-347	-384	-383	M	G	0.00	0.00	3.00
1	-619	-658	-657	-618	M	G	0.00	0.00	3.00
1	36	-504	-503	-465	M	G	0.00	0.00	3.00
1	40	-620	-619	-581	M	G	0.00	0.00	3.00
1	-659	45	-696	-658	M	G	0.00	0.00	3.00
1	-735	-734	-696	45	M	G	0.00	0.00	3.00
1	-735	-775	-774	-734	M	G	0.00	0.00	5.00
1	-735	-736	-776	-775	M	G	0.00	0.00	5.00
1	45	-697	-736	-735	M	G	0.00	0.00	3.00
1	40	-582	-621	-620	M	G	0.00	0.00	3.00
1	-654	-655	-693	-692	M	G	0.00	0.00	3.00
1	36	-466	-505	-504	M	G	0.00	0.00	3.00
1	-739	-740	-780	-779	M	G	0.00	0.00	5.00
1	31	-388	-387	-350	M	G	0.00	0.00	3.00
1	-313	-314	-351	31	M	G	0.00	0.00	3.00
1	-274	-275	-314	-313	M	G	0.00	0.00	5.00
1	-665	-702	-701	-664	M	G	0.00	0.00	3.00
1	-665	-666	-703	-702	M	G	0.00	0.00	3.00
1	-667	-668	-705	-704	M	G	0.00	0.00	3.00
1	-673	-674	-710	46	M	G	0.00	0.00	3.00
1	-710	-750	-749	46	M	G	0.00	0.00	3.00
1	-750	-790	-789	-749	M	G	0.00	0.00	5.00
1	-783	-743	-744	-784	M	G	0.00	0.00	5.00
1	-280	-281	-320	-319	M	G	0.00	0.00	5.00
1	-319	-320	-357	-356	M	G	0.00	0.00	3.00
1	31	-351	-389	-388	M	G	0.00	0.00	3.00
1	-621	-622	-661	-660	M	G	0.00	0.00	3.00
1	-471	-472	-511	-510	M	G	0.00	0.00	3.00
1	-587	-588	-627	-626	M	G	0.00	0.00	3.00
1	-282	-283	-322	-321	M	G	0.00	0.00	5.00
1	-321	-322	-359	-358	M	G	0.00	0.00	3.00
1	-356	-357	-395	-394	M	G	0.00	0.00	3.00
1	-624	-625	-664	-663	M	G	0.00	0.00	3.00
1	-473	-474	-513	-512	M	G	0.00	0.00	3.00
1	-589	-590	-629	-628	M	G	0.00	0.00	3.00
1	28	-288	-328	-327	M	G	0.00	0.00	5.00
1	-327	-328	-364	32	M	G	0.00	0.00	3.00
1	-358	-359	-397	-396	M	G	0.00	0.00	3.00
1	-506	-507	-547	-546	M	G	0.00	0.00	3.00
1	37	-479	-519	-518	M	G	0.00	0.00	3.00
1	41	-595	-635	-634	M	G	0.00	0.00	3.00
1	-702	-703	-742	-741	M	G	0.00	0.00	3.00
1	-743	-783	-782	-742	M	G	0.00	0.00	5.00
1	-704	-705	-744	-743	M	G	0.00	0.00	3.00
1	-719	-720	-760	-759	M	G	0.00	0.00	5.00
1	-682	-683	-720	-719	M	G	0.00	0.00	3.00
1	-643	-644	-683	-682	M	G	0.00	0.00	3.00
1	-467	-468	-507	-506	M	G	0.00	0.00	3.00
1	-566	-567	-604	-603	M	G	0.00	0.00	3.00
1	-469	-470	-509	-508	M	G	0.00	0.00	3.00
1	-487	-488	-528	-527	M	G	0.00	0.00	3.00
1	-451	-452	-489	-488	M	G	0.00	0.00	3.00
1	-335	-336	-372	-371	M	G	0.00	0.00	3.00
1	-297	-298	-337	-336	M	G	0.00	0.00	3.00
1	-258	-259	-298	-297	M	G	0.00	0.00	5.00
1	-481	-482	-522	-521	M	G	0.00	0.00	3.00
1	-481	-521	-520	-480	M	G	0.00	0.00	3.00
1	-496	-536	-535	-495	M	G	0.00	0.00	3.00
1	-499	-539	-538	-498	M	G	0.00	0.00	3.00
1	-499	-500	-540	-539	M	G	0.00	0.00	3.00
1	-504	-544	-543	-503	M	G	0.00	0.00	3.00
1	-504	-505	-545	-544	M	G	0.00	0.00	3.00
1	-510	-511	-551	-550	M	G	0.00	0.00	3.00

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1	-512	-513	-553	-552	M	G	0.00	0.00	3.00
1	-518	-519	-559	-558	M	G	0.00	0.00	3.00
1	-355	-356	-394	-393	M	G	0.00	0.00	3.00
1	-393	-394	-434	-433	M	G	0.00	0.00	3.00
1	-433	-434	-471	-470	M	G	0.00	0.00	3.00
1	-314	-315	-352	-351	M	G	0.00	0.00	3.00
1	-315	-316	-353	-352	M	G	0.00	0.00	3.00
1	-316	-317	-354	-353	M	G	0.00	0.00	3.00
1	-317	-318	-355	-354	M	G	0.00	0.00	3.00
1	-318	-319	-356	-355	M	G	0.00	0.00	3.00
1	-275	-276	-315	-314	M	G	0.00	0.00	5.00
1	-276	-277	-316	-315	M	G	0.00	0.00	5.00
1	-277	-278	-317	-316	M	G	0.00	0.00	5.00
1	-278	-279	-318	-317	M	G	0.00	0.00	5.00
1	-279	-280	-319	-318	M	G	0.00	0.00	5.00
1	-626	-627	-666	-665	M	G	0.00	0.00	3.00
1	-550	-551	-588	-587	M	G	0.00	0.00	3.00
1	-394	-395	-435	-434	M	G	0.00	0.00	3.00
1	-434	-435	-472	-471	M	G	0.00	0.00	3.00
1	-357	-358	-396	-395	M	G	0.00	0.00	3.00
1	-395	-396	-436	-435	M	G	0.00	0.00	3.00
1	-435	-436	-473	-472	M	G	0.00	0.00	3.00
1	-472	-473	-512	-511	M	G	0.00	0.00	3.00
1	-511	-512	-552	-551	M	G	0.00	0.00	3.00
1	-551	-552	-589	-588	M	G	0.00	0.00	3.00
1	-588	-589	-628	-627	M	G	0.00	0.00	3.00
1	-627	-628	-667	-666	M	G	0.00	0.00	3.00
1	-666	-667	-704	-703	M	G	0.00	0.00	3.00
1	-703	-704	-743	-742	M	G	0.00	0.00	3.00
1	-742	-743	-781	-780	M	G	0.00	0.00	5.00
1	-320	-321	-358	-357	M	G	0.00	0.00	3.00
1	-281	-282	-321	-320	M	G	0.00	0.00	5.00
1	-784	-744	-745	-785	M	G	0.00	0.00	5.00
1	-785	-745	-746	-786	M	G	0.00	0.00	5.00
1	-786	-746	-747	-787	M	G	0.00	0.00	5.00
1	-787	-747	-748	-788	M	G	0.00	0.00	5.00
1	-788	-748	-749	-789	M	G	0.00	0.00	5.00
1	-705	-706	-745	-744	M	G	0.00	0.00	3.00
1	-706	-707	-746	-745	M	G	0.00	0.00	3.00
1	-707	-708	-747	-746	M	G	0.00	0.00	3.00
1	-708	-709	-748	-747	M	G	0.00	0.00	3.00
1	-709	46	-749	-748	M	G	0.00	0.00	3.00
1	-668	-669	-706	-705	M	G	0.00	0.00	3.00
1	-669	-670	-707	-706	M	G	0.00	0.00	3.00
1	-670	-671	-708	-707	M	G	0.00	0.00	3.00
1	-671	-672	-709	-708	M	G	0.00	0.00	3.00
1	-672	-673	46	-709	M	G	0.00	0.00	3.00
1	-628	-629	-668	-667	M	G	0.00	0.00	3.00
1	-590	-591	-630	-629	M	G	0.00	0.00	3.00
1	-629	-630	-669	-668	M	G	0.00	0.00	3.00
1	-591	-592	-631	-630	M	G	0.00	0.00	3.00
1	-630	-631	-670	-669	M	G	0.00	0.00	3.00
1	-592	-593	-632	-631	M	G	0.00	0.00	3.00
1	-631	-632	-671	-670	M	G	0.00	0.00	3.00
1	-593	-594	-633	-632	M	G	0.00	0.00	3.00
1	-632	-633	-672	-671	M	G	0.00	0.00	3.00
1	-594	41	-634	-633	M	G	0.00	0.00	3.00
1	-633	-634	-673	-672	M	G	0.00	0.00	3.00
1	-552	-553	-590	-589	M	G	0.00	0.00	3.00
1	-513	-514	-554	-553	M	G	0.00	0.00	3.00
1	-553	-554	-591	-590	M	G	0.00	0.00	3.00
1	-514	-515	-555	-554	M	G	0.00	0.00	3.00
1	-554	-555	-592	-591	M	G	0.00	0.00	3.00
1	-515	-516	-556	-555	M	G	0.00	0.00	3.00
1	-555	-556	-593	-592	M	G	0.00	0.00	3.00
1	-516	-517	-557	-556	M	G	0.00	0.00	3.00
1	-556	-557	-594	-593	M	G	0.00	0.00	3.00
1	-517	-518	-558	-557	M	G	0.00	0.00	3.00
1	-557	-558	41	-594	M	G	0.00	0.00	3.00
1	-474	-475	-514	-513	M	G	0.00	0.00	3.00
1	-475	-476	-515	-514	M	G	0.00	0.00	3.00
1	-476	-477	-516	-515	M	G	0.00	0.00	3.00
1	-477	-478	-517	-516	M	G	0.00	0.00	3.00
1	-478	37	-518	-517	M	G	0.00	0.00	3.00
1	-396	-397	-437	-436	M	G	0.00	0.00	3.00
1	-436	-437	-474	-473	M	G	0.00	0.00	3.00
1	-359	-360	-398	-397	M	G	0.00	0.00	3.00
1	-397	-398	-438	-437	M	G	0.00	0.00	3.00
1	-437	-438	-475	-474	M	G	0.00	0.00	3.00

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1	-360	-361	-399	-398	M	G	0.00	0.00	3.00
1	-398	-399	-439	-438	M	G	0.00	0.00	3.00
1	-438	-439	-476	-475	M	G	0.00	0.00	3.00
1	-361	-362	-400	-399	M	G	0.00	0.00	3.00
1	-399	-400	-440	-439	M	G	0.00	0.00	3.00
1	-439	-440	-477	-476	M	G	0.00	0.00	3.00
1	-362	-363	-401	-400	M	G	0.00	0.00	3.00
1	-400	-401	-441	-440	M	G	0.00	0.00	3.00
1	-440	-441	-478	-477	M	G	0.00	0.00	3.00
1	-363	32	-402	-401	M	G	0.00	0.00	3.00
1	-401	-402	-442	-441	M	G	0.00	0.00	3.00
1	-441	-442	37	-478	M	G	0.00	0.00	3.00
1	-322	-323	-360	-359	M	G	0.00	0.00	3.00
1	-323	-324	-361	-360	M	G	0.00	0.00	3.00
1	-324	-325	-362	-361	M	G	0.00	0.00	3.00
1	-717	-757	-756	-716	M	G	0.00	0.00	5.00
1	-716	-756	-755	-715	M	G	0.00	0.00	5.00
1	-715	-755	-754	-714	M	G	0.00	0.00	5.00
1	-714	-754	-753	-713	M	G	0.00	0.00	5.00
1	-713	-753	-752	-712	M	G	0.00	0.00	5.00
1	-680	-717	-716	-679	M	G	0.00	0.00	3.00
1	-679	-716	-715	-678	M	G	0.00	0.00	3.00
1	-678	-715	-714	-677	M	G	0.00	0.00	3.00
1	-677	-714	-713	-676	M	G	0.00	0.00	3.00
1	-676	-713	-712	43	M	G	0.00	0.00	3.00
1	-641	-680	-679	-640	M	G	0.00	0.00	3.00
1	-640	-679	-678	-639	M	G	0.00	0.00	3.00
1	-639	-678	-677	-638	M	G	0.00	0.00	3.00
1	-638	-677	-676	-637	M	G	0.00	0.00	3.00
1	-637	-676	43	42	M	G	0.00	0.00	3.00
1	-565	-602	-601	-564	M	G	0.00	0.00	3.00
1	-564	-601	-600	-563	M	G	0.00	0.00	3.00
1	-563	-600	-599	-562	M	G	0.00	0.00	3.00
1	-562	-599	-598	-561	M	G	0.00	0.00	3.00
1	-561	-598	-597	38	M	G	0.00	0.00	3.00
1	-603	-642	-641	-602	M	G	0.00	0.00	3.00
1	-602	-641	-640	-601	M	G	0.00	0.00	3.00
1	-601	-640	-639	-600	M	G	0.00	0.00	3.00
1	-600	-639	-638	-599	M	G	0.00	0.00	3.00
1	-599	-638	-637	-598	M	G	0.00	0.00	3.00
1	-598	-637	42	-597	M	G	0.00	0.00	3.00
1	-521	-522	-561	38	M	G	0.00	0.00	3.00
1	-482	-483	-523	-522	M	G	0.00	0.00	3.00
1	-522	-523	-562	-561	M	G	0.00	0.00	3.00
1	-483	-484	-524	-523	M	G	0.00	0.00	3.00
1	-523	-524	-563	-562	M	G	0.00	0.00	3.00
1	-484	-485	-525	-524	M	G	0.00	0.00	3.00
1	-524	-525	-564	-563	M	G	0.00	0.00	3.00
1	-485	-486	-526	-525	M	G	0.00	0.00	3.00
1	-525	-526	-565	-564	M	G	0.00	0.00	3.00
1	-486	-487	-527	-526	M	G	0.00	0.00	3.00
1	-526	-527	-566	-565	M	G	0.00	0.00	3.00
1	-445	-446	-483	-482	M	G	0.00	0.00	3.00
1	-446	-447	-484	-483	M	G	0.00	0.00	3.00
1	-447	-448	-485	-484	M	G	0.00	0.00	3.00
1	-448	-449	-486	-485	M	G	0.00	0.00	3.00
1	-449	-450	-487	-486	M	G	0.00	0.00	3.00
1	-334	-370	-369	-333	M	G	0.00	0.00	3.00
1	-333	-369	-368	-332	M	G	0.00	0.00	3.00
1	-332	-368	-367	-331	M	G	0.00	0.00	3.00
1	-331	-367	-366	-330	M	G	0.00	0.00	3.00
1	-330	-366	33	29	M	G	0.00	0.00	3.00
1	-371	-411	-410	-370	M	G	0.00	0.00	3.00
1	-370	-410	-409	-369	M	G	0.00	0.00	3.00
1	-369	-409	-408	-368	M	G	0.00	0.00	3.00
1	-368	-408	-407	-367	M	G	0.00	0.00	3.00
1	-367	-407	-406	-366	M	G	0.00	0.00	3.00
1	-366	-406	-405	33	M	G	0.00	0.00	3.00
1	-411	-450	-449	-410	M	G	0.00	0.00	3.00
1	-410	-449	-448	-409	M	G	0.00	0.00	3.00
1	-409	-448	-447	-408	M	G	0.00	0.00	3.00
1	-408	-447	-446	-407	M	G	0.00	0.00	3.00
1	-407	-446	-445	-406	M	G	0.00	0.00	3.00
1	-406	-445	34	-405	M	G	0.00	0.00	3.00
1	-295	-334	-333	-294	M	G	0.00	0.00	3.00
1	-294	-333	-332	-293	M	G	0.00	0.00	3.00
1	-293	-332	-331	-292	M	G	0.00	0.00	3.00
1	-292	-331	-330	-291	M	G	0.00	0.00	3.00
1	-291	-330	29	-290	M	G	0.00	0.00	3.00

Relazione di Calcolo – Ponte Torrente Gogna

1	-252	-253	-292	-291	M	G	0.00	0.00	5.00
1	-253	-254	-293	-292	M	G	0.00	0.00	5.00
1	-254	-255	-294	-293	M	G	0.00	0.00	5.00
1	-255	-256	-295	-294	M	G	0.00	0.00	5.00
1	-256	-257	-296	-295	M	G	0.00	0.00	5.00
1	-521	38	-560	-520	M	G	0.00	0.00	3.00
1	-688	-725	-724	-687	M	G	0.00	0.00	3.00
1	-687	-724	-723	-686	M	G	0.00	0.00	3.00
1	-723	-763	-762	-722	M	G	0.00	0.00	5.00
1	-722	-762	-761	-721	M	G	0.00	0.00	5.00
1	-721	-761	-760	-720	M	G	0.00	0.00	5.00
1	-649	-688	-687	-648	M	G	0.00	0.00	3.00
1	-648	-687	-686	-647	M	G	0.00	0.00	3.00
1	-686	-723	-722	-685	M	G	0.00	0.00	3.00
1	-685	-722	-721	-684	M	G	0.00	0.00	3.00
1	-684	-721	-720	-683	M	G	0.00	0.00	3.00
1	-610	-649	-648	-609	M	G	0.00	0.00	3.00
1	-609	-648	-647	-608	M	G	0.00	0.00	3.00
1	-647	-686	-685	-646	M	G	0.00	0.00	3.00
1	-646	-685	-684	-645	M	G	0.00	0.00	3.00
1	-645	-684	-683	-644	M	G	0.00	0.00	3.00
1	-534	-573	-572	-533	M	G	0.00	0.00	3.00
1	-533	-572	-571	-532	M	G	0.00	0.00	3.00
1	-571	-608	-607	-570	M	G	0.00	0.00	3.00
1	-570	-607	-606	-569	M	G	0.00	0.00	3.00
1	-569	-606	-605	-568	M	G	0.00	0.00	3.00
1	-612	-651	-650	-611	M	G	0.00	0.00	3.00
1	-573	-610	-609	-572	M	G	0.00	0.00	3.00
1	-572	-609	-608	-571	M	G	0.00	0.00	3.00
1	-608	-647	-646	-607	M	G	0.00	0.00	3.00
1	-607	-646	-645	-606	M	G	0.00	0.00	3.00
1	-606	-645	-644	-605	M	G	0.00	0.00	3.00
1	-604	-605	-644	-643	M	G	0.00	0.00	3.00
1	-603	-604	-643	-642	M	G	0.00	0.00	3.00
1	-527	-528	-567	-566	M	G	0.00	0.00	3.00
1	-528	-529	-568	-567	M	G	0.00	0.00	3.00
1	-457	-494	-493	-456	M	G	0.00	0.00	3.00
1	-456	-493	-492	-455	M	G	0.00	0.00	3.00
1	-492	-532	-531	-491	M	G	0.00	0.00	3.00
1	-491	-531	-530	-490	M	G	0.00	0.00	3.00
1	-490	-530	-529	-489	M	G	0.00	0.00	3.00
1	-536	39	-574	-535	M	G	0.00	0.00	3.00
1	-494	-534	-533	-493	M	G	0.00	0.00	3.00
1	-493	-533	-532	-492	M	G	0.00	0.00	3.00
1	-532	-571	-570	-531	M	G	0.00	0.00	3.00
1	-531	-570	-569	-530	M	G	0.00	0.00	3.00
1	-530	-569	-568	-529	M	G	0.00	0.00	3.00
1	-371	-372	-412	-411	M	G	0.00	0.00	3.00
1	-411	-412	-451	-450	M	G	0.00	0.00	3.00
1	-372	-373	-413	-412	M	G	0.00	0.00	3.00
1	-412	-413	-452	-451	M	G	0.00	0.00	3.00
1	-416	-417	-456	-455	M	G	0.00	0.00	3.00
1	-417	-418	-457	-456	M	G	0.00	0.00	3.00
1	-455	-492	-491	-454	M	G	0.00	0.00	3.00
1	-454	-491	-490	-453	M	G	0.00	0.00	3.00
1	-453	-490	-489	-452	M	G	0.00	0.00	3.00
1	-373	-374	-414	-413	M	G	0.00	0.00	3.00
1	-413	-414	-453	-452	M	G	0.00	0.00	3.00
1	-338	-339	-375	-374	M	G	0.00	0.00	3.00
1	-374	-375	-415	-414	M	G	0.00	0.00	3.00
1	-414	-415	-454	-453	M	G	0.00	0.00	3.00
1	-339	-340	-376	-375	M	G	0.00	0.00	3.00
1	-375	-376	-416	-415	M	G	0.00	0.00	3.00
1	-415	-416	-455	-454	M	G	0.00	0.00	3.00
1	-303	-342	-341	-302	M	G	0.00	0.00	3.00
1	-340	-341	-377	-376	M	G	0.00	0.00	3.00
1	-376	-377	-417	-416	M	G	0.00	0.00	3.00
1	-302	-341	-340	-301	M	G	0.00	0.00	3.00
1	-341	-342	-378	-377	M	G	0.00	0.00	3.00
1	-377	-378	-418	-417	M	G	0.00	0.00	3.00
1	-342	-343	-379	-378	M	G	0.00	0.00	3.00
1	-378	-379	-419	-418	M	G	0.00	0.00	3.00
1	-418	-419	-458	-457	M	G	0.00	0.00	3.00
1	-262	-263	-302	-301	M	G	0.00	0.00	5.00
1	-263	-264	-303	-302	M	G	0.00	0.00	5.00
1	-301	-340	-339	-300	M	G	0.00	0.00	3.00
1	-300	-339	-338	-299	M	G	0.00	0.00	3.00
1	-299	-338	-337	-298	M	G	0.00	0.00	3.00
1	-260	-261	-300	-299	M	G	0.00	0.00	5.00

Relazione di Calcolo – Ponte Torrente Gogna

1	-261	-262	-301	-300	M	G	0.00	0.00	5.00
1	-725	-765	-764	-724	M	G	0.00	0.00	5.00
1	-724	-764	-763	-723	M	G	0.00	0.00	5.00
1	-264	-265	-304	-303	M	G	0.00	0.00	5.00
1	33	-405	-404	-365	M	G	0.00	0.00	3.00
1	-405	34	-444	-404	M	G	0.00	0.00	3.00
1	-597	42	-636	-596	M	G	0.00	0.00	3.00
1	-267	-268	-307	-306	M	G	0.00	0.00	5.00
1	-268	-269	-308	-307	M	G	0.00	0.00	5.00
1	-307	-345	-344	-306	M	G	0.00	0.00	3.00
1	-306	-344	30	-305	M	G	0.00	0.00	3.00
1	-345	-382	-381	-344	M	G	0.00	0.00	3.00
1	-344	-381	-380	30	M	G	0.00	0.00	3.00
1	-383	-423	-422	-382	M	G	0.00	0.00	3.00
1	-382	-422	-421	-381	M	G	0.00	0.00	3.00
1	-381	-421	-420	-380	M	G	0.00	0.00	3.00
1	-423	-461	-460	-422	M	G	0.00	0.00	3.00
1	-422	-460	-459	-421	M	G	0.00	0.00	3.00
1	-421	-459	35	-420	M	G	0.00	0.00	3.00
1	-460	-498	-497	-459	M	G	0.00	0.00	3.00
1	-459	-497	-496	35	M	G	0.00	0.00	3.00
1	-498	-538	-537	-497	M	G	0.00	0.00	3.00
1	-497	-537	-536	-496	M	G	0.00	0.00	3.00
1	-547	-548	-585	-584	M	G	0.00	0.00	3.00
1	-538	-576	-575	-537	M	G	0.00	0.00	3.00
1	-537	-575	39	-536	M	G	0.00	0.00	3.00
1	-612	-613	-652	-651	M	G	0.00	0.00	3.00
1	-575	-576	-614	-613	M	G	0.00	0.00	3.00
1	-613	-614	-653	-652	M	G	0.00	0.00	3.00
1	-576	-577	-615	-614	M	G	0.00	0.00	3.00
1	-614	-615	-654	-653	M	G	0.00	0.00	3.00
1	-653	-691	-690	-652	M	G	0.00	0.00	3.00
1	-470	-471	-510	-509	M	G	0.00	0.00	3.00
1	-691	-729	-728	-690	M	G	0.00	0.00	3.00
1	-690	-728	-727	44	M	G	0.00	0.00	3.00
1	-729	-769	-768	-728	M	G	0.00	0.00	5.00
1	-728	-768	-767	-727	M	G	0.00	0.00	5.00
1	-383	-384	-424	-423	M	G	0.00	0.00	3.00
1	-423	-424	-462	-461	M	G	0.00	0.00	3.00
1	-347	-348	-385	-384	M	G	0.00	0.00	3.00
1	-384	-385	-425	-424	M	G	0.00	0.00	3.00
1	-424	-425	-463	-462	M	G	0.00	0.00	3.00
1	-309	-310	-348	-347	M	G	0.00	0.00	3.00
1	-270	-271	-310	-309	M	G	0.00	0.00	5.00
1	-462	-463	-501	-500	M	G	0.00	0.00	3.00
1	-539	-540	-578	-577	M	G	0.00	0.00	3.00
1	-500	-501	-541	-540	M	G	0.00	0.00	3.00
1	-540	-541	-579	-578	M	G	0.00	0.00	3.00
1	-615	-616	-655	-654	M	G	0.00	0.00	3.00
1	-578	-579	-617	-616	M	G	0.00	0.00	3.00
1	-286	-287	-326	-325	M	G	0.00	0.00	5.00
1	-655	-656	-694	-693	M	G	0.00	0.00	3.00
1	-693	-694	-732	-731	M	G	0.00	0.00	3.00
1	-731	-732	-772	-771	M	G	0.00	0.00	5.00
1	-272	-273	-312	-311	M	G	0.00	0.00	5.00
1	-273	-274	-313	-312	M	G	0.00	0.00	5.00
1	-312	-350	-349	-311	M	G	0.00	0.00	3.00
1	-311	-349	-348	-310	M	G	0.00	0.00	3.00
1	-350	-387	-386	-349	M	G	0.00	0.00	3.00
1	-623	-624	-663	-662	M	G	0.00	0.00	3.00
1	-388	-428	-427	-387	M	G	0.00	0.00	3.00
1	-387	-427	-426	-386	M	G	0.00	0.00	3.00
1	-386	-426	-425	-385	M	G	0.00	0.00	3.00
1	-428	36	-465	-427	M	G	0.00	0.00	3.00
1	-427	-465	-464	-426	M	G	0.00	0.00	3.00
1	-426	-464	-463	-425	M	G	0.00	0.00	3.00
1	-465	-503	-502	-464	M	G	0.00	0.00	3.00
1	-464	-502	-501	-463	M	G	0.00	0.00	3.00
1	-546	-547	-584	-583	M	G	0.00	0.00	3.00
1	-502	-542	-541	-501	M	G	0.00	0.00	3.00
1	-544	40	-581	-543	M	G	0.00	0.00	3.00
1	-543	-581	-580	-542	M	G	0.00	0.00	3.00
1	-542	-580	-579	-541	M	G	0.00	0.00	3.00
1	-581	-619	-618	-580	M	G	0.00	0.00	3.00
1	-580	-618	-617	-579	M	G	0.00	0.00	3.00
1	-620	-659	-658	-619	M	G	0.00	0.00	3.00
1	-343	30	-380	-379	M	G	0.00	0.00	3.00
1	-618	-657	-656	-617	M	G	0.00	0.00	3.00
1	-658	-696	-695	-657	M	G	0.00	0.00	3.00

Relazione di Calcolo – Ponte Torrente Gogna

1	-657	-695	-694	-656	M	G	0.00	0.00	3.00
1	-734	-733	-695	-696	M	G	0.00	0.00	3.00
1	-733	-732	-694	-695	M	G	0.00	0.00	3.00
1	-734	-774	-773	-733	M	G	0.00	0.00	5.00
1	-733	-773	-772	-732	M	G	0.00	0.00	5.00
1	-736	-737	-777	-776	M	G	0.00	0.00	5.00
1	-737	-738	-778	-777	M	G	0.00	0.00	5.00
1	-738	-739	-779	-778	M	G	0.00	0.00	5.00
1	-430	-431	-468	-467	M	G	0.00	0.00	3.00
1	-740	-741	-781	-780	M	G	0.00	0.00	5.00
1	-697	-698	-737	-736	M	G	0.00	0.00	3.00
1	-698	-699	-738	-737	M	G	0.00	0.00	3.00
1	-699	-700	-739	-738	M	G	0.00	0.00	3.00
1	-700	-701	-740	-739	M	G	0.00	0.00	3.00
1	-701	-702	-741	-740	M	G	0.00	0.00	3.00
1	-664	-701	-700	-663	M	G	0.00	0.00	3.00
1	-663	-700	-699	-662	M	G	0.00	0.00	3.00
1	-662	-699	-698	-661	M	G	0.00	0.00	3.00
1	-661	-698	-697	-660	M	G	0.00	0.00	3.00
1	-660	-697	45	-659	M	G	0.00	0.00	3.00
1	-620	-621	-660	-659	M	G	0.00	0.00	3.00
1	-582	-583	-622	-621	M	G	0.00	0.00	3.00
1	-442	-443	-479	37	M	G	0.00	0.00	3.00
1	-583	-584	-623	-622	M	G	0.00	0.00	3.00
1	-622	-623	-662	-661	M	G	0.00	0.00	3.00
1	-584	-585	-624	-623	M	G	0.00	0.00	3.00
1	-351	-352	-390	-389	M	G	0.00	0.00	3.00
1	-585	-586	-625	-624	M	G	0.00	0.00	3.00
1	-429	-430	-467	-466	M	G	0.00	0.00	3.00
1	-586	-587	-626	-625	M	G	0.00	0.00	3.00
1	-625	-626	-665	-664	M	G	0.00	0.00	3.00
1	-544	-545	-582	40	M	G	0.00	0.00	3.00
1	-505	-506	-546	-545	M	G	0.00	0.00	3.00
1	-545	-546	-583	-582	M	G	0.00	0.00	3.00
1	-689	-726	-725	-688	M	G	0.00	0.00	3.00
1	-726	-766	-765	-725	M	G	0.00	0.00	5.00
1	-507	-508	-548	-547	M	G	0.00	0.00	3.00
1	-611	-650	-649	-610	M	G	0.00	0.00	3.00
1	-508	-509	-549	-548	M	G	0.00	0.00	3.00
1	-548	-549	-586	-585	M	G	0.00	0.00	3.00
1	-509	-510	-550	-549	M	G	0.00	0.00	3.00
1	-549	-550	-587	-586	M	G	0.00	0.00	3.00
1	-466	-467	-506	-505	M	G	0.00	0.00	3.00
1	-419	-420	35	-458	M	G	0.00	0.00	3.00
1	-468	-469	-508	-507	M	G	0.00	0.00	3.00
1	-265	-266	-305	-304	M	G	0.00	0.00	5.00
1	-304	-343	-342	-303	M	G	0.00	0.00	3.00
1	-388	-389	-429	-428	M	G	0.00	0.00	3.00
1	-428	-429	-466	36	M	G	0.00	0.00	3.00
1	-432	-433	-470	-469	M	G	0.00	0.00	3.00
1	-389	-390	-430	-429	M	G	0.00	0.00	3.00
1	-283	-284	-323	-322	M	G	0.00	0.00	5.00
1	-352	-353	-391	-390	M	G	0.00	0.00	3.00
1	-390	-391	-431	-430	M	G	0.00	0.00	3.00
1	-458	-495	-494	-457	M	G	0.00	0.00	3.00
1	-353	-354	-392	-391	M	G	0.00	0.00	3.00
1	-391	-392	-432	-431	M	G	0.00	0.00	3.00
1	-431	-432	-469	-468	M	G	0.00	0.00	3.00
1	-354	-355	-393	-392	M	G	0.00	0.00	3.00
1	-392	-393	-433	-432	M	G	0.00	0.00	3.00
1	-495	-535	-534	-494	M	G	0.00	0.00	3.00
1	-326	-327	32	-363	M	G	0.00	0.00	3.00
1	-325	-326	-363	-362	M	G	0.00	0.00	3.00
1	-284	-285	-324	-323	M	G	0.00	0.00	5.00
1	-285	-286	-325	-324	M	G	0.00	0.00	5.00
1	-634	-635	-674	-673	M	G	0.00	0.00	3.00
1	-287	28	-327	-326	M	G	0.00	0.00	5.00
1	-402	-403	-443	-442	M	G	0.00	0.00	3.00
1	-379	-380	-420	-419	M	G	0.00	0.00	3.00
1	-558	-559	-595	41	M	G	0.00	0.00	3.00
1	-535	-574	-573	-534	M	G	0.00	0.00	3.00
1	-650	-689	-688	-649	M	G	0.00	0.00	3.00
1	-574	-611	-610	-573	M	G	0.00	0.00	3.00

Elenco carichi elementi bidimensionali
Condizione di carico n. 3: Schema 1-A
Carichi uniformi

Bid.	N1	N2	N3	N4	T	DC	Qx	Qy	Qz
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Relazione di Calcolo – Ponte Torrente Gogna

							<kN/mq>	<kN/mq>	<kN/mq>
1	-290	29	-329	-289	M	G	0.00	0.00	2.50
1	32	-364	-403	-402	M	G	0.00	0.00	2.50
1	34	-481	-480	-444	M	G	0.00	0.00	2.50
1	38	-597	-596	-560	M	G	0.00	0.00	9.00
1	-675	-636	42	43	M	G	0.00	0.00	9.00
1	-675	43	-712	-711	M	G	0.00	0.00	9.00
1	-296	-335	-334	-295	M	G	0.00	0.00	2.50
1	29	33	-365	-329	M	G	0.00	0.00	2.50
1	34	-445	-482	-481	M	G	0.00	0.00	2.50
1	-566	-603	-602	-565	M	G	0.00	0.00	9.00
1	-642	-681	-680	-641	M	G	0.00	0.00	9.00
1	-681	-718	-717	-680	M	G	0.00	0.00	9.00
1	-681	-682	-719	-718	M	G	0.00	0.00	9.00
1	-642	-643	-682	-681	M	G	0.00	0.00	9.00
1	-567	-568	-605	-604	M	G	0.00	0.00	9.00
1	-488	-489	-529	-528	M	G	0.00	0.00	2.50
1	-450	-451	-488	-487	M	G	0.00	0.00	2.50
1	-335	-371	-370	-334	M	G	0.00	0.00	2.50
1	-296	-297	-336	-335	M	G	0.00	0.00	2.50
1	-305	30	-343	-304	M	G	0.00	0.00	2.50
1	-336	-337	-373	-372	M	G	0.00	0.00	2.50
1	35	-496	-495	-458	M	G	0.00	0.00	2.50
1	39	-612	-611	-574	M	G	0.00	0.00	9.00
1	-651	44	-689	-650	M	G	0.00	0.00	9.00
1	44	-727	-726	-689	M	G	0.00	0.00	9.00
1	-337	-338	-374	-373	M	G	0.00	0.00	2.50
1	45	-697	-736	-735	M	G	0.00	0.00	9.00
1	40	-582	-621	-620	M	G	0.00	0.00	9.00
1	36	-466	-505	-504	M	G	0.00	0.00	2.50
1	-313	-314	-351	31	M	G	0.00	0.00	2.50
1	-665	-702	-701	-664	M	G	0.00	0.00	9.00
1	-665	-666	-703	-702	M	G	0.00	0.00	9.00
1	-667	-668	-705	-704	M	G	0.00	0.00	9.00
1	-673	-674	-710	46	M	G	0.00	0.00	9.00
1	-710	-750	-749	46	M	G	0.00	0.00	9.00
1	-319	-320	-357	-356	M	G	0.00	0.00	2.50
1	31	-351	-389	-388	M	G	0.00	0.00	2.50
1	-621	-622	-661	-660	M	G	0.00	0.00	9.00
1	-471	-472	-511	-510	M	G	0.00	0.00	2.50
1	-587	-588	-627	-626	M	G	0.00	0.00	9.00
1	-321	-322	-359	-358	M	G	0.00	0.00	2.50
1	-356	-357	-395	-394	M	G	0.00	0.00	2.50
1	-624	-625	-664	-663	M	G	0.00	0.00	9.00
1	-473	-474	-513	-512	M	G	0.00	0.00	2.50
1	-589	-590	-629	-628	M	G	0.00	0.00	9.00
1	-327	-328	-364	32	M	G	0.00	0.00	2.50
1	-358	-359	-397	-396	M	G	0.00	0.00	2.50
1	-506	-507	-547	-546	M	G	0.00	0.00	2.50
1	37	-479	-519	-518	M	G	0.00	0.00	2.50
1	41	-595	-635	-634	M	G	0.00	0.00	9.00
1	-702	-703	-742	-741	M	G	0.00	0.00	9.00
1	-704	-705	-744	-743	M	G	0.00	0.00	9.00
1	-682	-683	-720	-719	M	G	0.00	0.00	9.00
1	-643	-644	-683	-682	M	G	0.00	0.00	9.00
1	-467	-468	-507	-506	M	G	0.00	0.00	2.50
1	-566	-567	-604	-603	M	G	0.00	0.00	9.00
1	-469	-470	-509	-508	M	G	0.00	0.00	2.50
1	-487	-488	-528	-527	M	G	0.00	0.00	2.50
1	-451	-452	-489	-488	M	G	0.00	0.00	2.50
1	-335	-336	-372	-371	M	G	0.00	0.00	2.50
1	-297	-298	-337	-336	M	G	0.00	0.00	2.50
1	-481	-482	-522	-521	M	G	0.00	0.00	2.50
1	-481	-521	-520	-480	M	G	0.00	0.00	2.50
1	-496	-536	-535	-495	M	G	0.00	0.00	2.50
1	-504	-505	-545	-544	M	G	0.00	0.00	2.50
1	-510	-511	-551	-550	M	G	0.00	0.00	2.50
1	-512	-513	-553	-552	M	G	0.00	0.00	2.50
1	-518	-519	-559	-558	M	G	0.00	0.00	2.50
1	-355	-356	-394	-393	M	G	0.00	0.00	2.50
1	-393	-394	-434	-433	M	G	0.00	0.00	2.50
1	-433	-434	-471	-470	M	G	0.00	0.00	2.50
1	-314	-315	-352	-351	M	G	0.00	0.00	2.50
1	-315	-316	-353	-352	M	G	0.00	0.00	2.50
1	-316	-317	-354	-353	M	G	0.00	0.00	2.50
1	-317	-318	-355	-354	M	G	0.00	0.00	2.50
1	-318	-319	-356	-355	M	G	0.00	0.00	2.50
1	-626	-627	-666	-665	M	G	0.00	0.00	9.00
1	-550	-551	-588	-587	M	G	0.00	0.00	2.50

Relazione di Calcolo – Ponte Torrente Gogna

1	-394	-395	-435	-434	M	G	0.00	0.00	2.50
1	-434	-435	-472	-471	M	G	0.00	0.00	2.50
1	-357	-358	-396	-395	M	G	0.00	0.00	2.50
1	-395	-396	-436	-435	M	G	0.00	0.00	2.50
1	-435	-436	-473	-472	M	G	0.00	0.00	2.50
1	-472	-473	-512	-511	M	G	0.00	0.00	2.50
1	-511	-512	-552	-551	M	G	0.00	0.00	2.50
1	-551	-552	-589	-588	M	G	0.00	0.00	2.50
1	-588	-589	-628	-627	M	G	0.00	0.00	9.00
1	-627	-628	-667	-666	M	G	0.00	0.00	9.00
1	-666	-667	-704	-703	M	G	0.00	0.00	9.00
1	-703	-704	-743	-742	M	G	0.00	0.00	9.00
1	-320	-321	-358	-357	M	G	0.00	0.00	2.50
1	-705	-706	-745	-744	M	G	0.00	0.00	9.00
1	-706	-707	-746	-745	M	G	0.00	0.00	9.00
1	-707	-708	-747	-746	M	G	0.00	0.00	9.00
1	-708	-709	-748	-747	M	G	0.00	0.00	9.00
1	-709	46	-749	-748	M	G	0.00	0.00	9.00
1	-668	-669	-706	-705	M	G	0.00	0.00	9.00
1	-669	-670	-707	-706	M	G	0.00	0.00	9.00
1	-670	-671	-708	-707	M	G	0.00	0.00	9.00
1	-671	-672	-709	-708	M	G	0.00	0.00	9.00
1	-672	-673	46	-709	M	G	0.00	0.00	9.00
1	-628	-629	-668	-667	M	G	0.00	0.00	9.00
1	-590	-591	-630	-629	M	G	0.00	0.00	9.00
1	-629	-630	-669	-668	M	G	0.00	0.00	9.00
1	-591	-592	-631	-630	M	G	0.00	0.00	9.00
1	-630	-631	-670	-669	M	G	0.00	0.00	9.00
1	-592	-593	-632	-631	M	G	0.00	0.00	9.00
1	-631	-632	-671	-670	M	G	0.00	0.00	9.00
1	-593	-594	-633	-632	M	G	0.00	0.00	9.00
1	-632	-633	-672	-671	M	G	0.00	0.00	9.00
1	-594	41	-634	-633	M	G	0.00	0.00	9.00
1	-633	-634	-673	-672	M	G	0.00	0.00	9.00
1	-552	-553	-590	-589	M	G	0.00	0.00	2.50
1	-513	-514	-554	-553	M	G	0.00	0.00	2.50
1	-553	-554	-591	-590	M	G	0.00	0.00	2.50
1	-514	-515	-555	-554	M	G	0.00	0.00	2.50
1	-554	-555	-592	-591	M	G	0.00	0.00	2.50
1	-515	-516	-556	-555	M	G	0.00	0.00	2.50
1	-555	-556	-593	-592	M	G	0.00	0.00	2.50
1	-516	-517	-557	-556	M	G	0.00	0.00	2.50
1	-556	-557	-594	-593	M	G	0.00	0.00	2.50
1	-517	-518	-558	-557	M	G	0.00	0.00	2.50
1	-557	-558	41	-594	M	G	0.00	0.00	2.50
1	-474	-475	-514	-513	M	G	0.00	0.00	2.50
1	-475	-476	-515	-514	M	G	0.00	0.00	2.50
1	-476	-477	-516	-515	M	G	0.00	0.00	2.50
1	-477	-478	-517	-516	M	G	0.00	0.00	2.50
1	-478	37	-518	-517	M	G	0.00	0.00	2.50
1	-396	-397	-437	-436	M	G	0.00	0.00	2.50
1	-436	-437	-474	-473	M	G	0.00	0.00	2.50
1	-359	-360	-398	-397	M	G	0.00	0.00	2.50
1	-397	-398	-438	-437	M	G	0.00	0.00	2.50
1	-437	-438	-475	-474	M	G	0.00	0.00	2.50
1	-360	-361	-399	-398	M	G	0.00	0.00	2.50
1	-398	-399	-439	-438	M	G	0.00	0.00	2.50
1	-438	-439	-476	-475	M	G	0.00	0.00	2.50
1	-361	-362	-400	-399	M	G	0.00	0.00	2.50
1	-399	-400	-440	-439	M	G	0.00	0.00	2.50
1	-439	-440	-477	-476	M	G	0.00	0.00	2.50
1	-362	-363	-401	-400	M	G	0.00	0.00	2.50
1	-400	-401	-441	-440	M	G	0.00	0.00	2.50
1	-440	-441	-478	-477	M	G	0.00	0.00	2.50
1	-363	32	-402	-401	M	G	0.00	0.00	2.50
1	-401	-402	-442	-441	M	G	0.00	0.00	2.50
1	-441	-442	37	-478	M	G	0.00	0.00	2.50
1	-322	-323	-360	-359	M	G	0.00	0.00	2.50
1	-323	-324	-361	-360	M	G	0.00	0.00	2.50
1	-324	-325	-362	-361	M	G	0.00	0.00	2.50
1	-680	-717	-716	-679	M	G	0.00	0.00	9.00
1	-679	-716	-715	-678	M	G	0.00	0.00	9.00
1	-678	-715	-714	-677	M	G	0.00	0.00	9.00
1	-677	-714	-713	-676	M	G	0.00	0.00	9.00
1	-676	-713	-712	43	M	G	0.00	0.00	9.00
1	-641	-680	-679	-640	M	G	0.00	0.00	9.00
1	-640	-679	-678	-639	M	G	0.00	0.00	9.00
1	-639	-678	-677	-638	M	G	0.00	0.00	9.00
1	-638	-677	-676	-637	M	G	0.00	0.00	9.00

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1	-637	-676	43	42	M	G	0.00	0.00	9.00
1	-565	-602	-601	-564	M	G	0.00	0.00	9.00
1	-564	-601	-600	-563	M	G	0.00	0.00	9.00
1	-563	-600	-599	-562	M	G	0.00	0.00	9.00
1	-562	-599	-598	-561	M	G	0.00	0.00	9.00
1	-561	-598	-597	38	M	G	0.00	0.00	9.00
1	-603	-642	-641	-602	M	G	0.00	0.00	9.00
1	-602	-641	-640	-601	M	G	0.00	0.00	9.00
1	-601	-640	-639	-600	M	G	0.00	0.00	9.00
1	-600	-639	-638	-599	M	G	0.00	0.00	9.00
1	-599	-638	-637	-598	M	G	0.00	0.00	9.00
1	-598	-637	42	-597	M	G	0.00	0.00	9.00
1	-521	-522	-561	38	M	G	0.00	0.00	2.50
1	-482	-483	-523	-522	M	G	0.00	0.00	2.50
1	-522	-523	-562	-561	M	G	0.00	0.00	2.50
1	-483	-484	-524	-523	M	G	0.00	0.00	2.50
1	-523	-524	-563	-562	M	G	0.00	0.00	2.50
1	-484	-485	-525	-524	M	G	0.00	0.00	2.50
1	-524	-525	-564	-563	M	G	0.00	0.00	2.50
1	-485	-486	-526	-525	M	G	0.00	0.00	2.50
1	-525	-526	-565	-564	M	G	0.00	0.00	2.50
1	-486	-487	-527	-526	M	G	0.00	0.00	2.50
1	-526	-527	-566	-565	M	G	0.00	0.00	2.50
1	-445	-446	-483	-482	M	G	0.00	0.00	2.50
1	-446	-447	-484	-483	M	G	0.00	0.00	2.50
1	-447	-448	-485	-484	M	G	0.00	0.00	2.50
1	-448	-449	-486	-485	M	G	0.00	0.00	2.50
1	-449	-450	-487	-486	M	G	0.00	0.00	2.50
1	-334	-370	-369	-333	M	G	0.00	0.00	2.50
1	-333	-369	-368	-332	M	G	0.00	0.00	2.50
1	-332	-368	-367	-331	M	G	0.00	0.00	2.50
1	-331	-367	-366	-330	M	G	0.00	0.00	2.50
1	-330	-366	33	29	M	G	0.00	0.00	2.50
1	-371	-411	-410	-370	M	G	0.00	0.00	2.50
1	-370	-410	-409	-369	M	G	0.00	0.00	2.50
1	-369	-409	-408	-368	M	G	0.00	0.00	2.50
1	-368	-408	-407	-367	M	G	0.00	0.00	2.50
1	-367	-407	-406	-366	M	G	0.00	0.00	2.50
1	-366	-406	-405	33	M	G	0.00	0.00	2.50
1	-411	-450	-449	-410	M	G	0.00	0.00	2.50
1	-410	-449	-448	-409	M	G	0.00	0.00	2.50
1	-409	-448	-447	-408	M	G	0.00	0.00	2.50
1	-408	-447	-446	-407	M	G	0.00	0.00	2.50
1	-407	-446	-445	-406	M	G	0.00	0.00	2.50
1	-406	-445	34	-405	M	G	0.00	0.00	2.50
1	-295	-334	-333	-294	M	G	0.00	0.00	2.50
1	-294	-333	-332	-293	M	G	0.00	0.00	2.50
1	-293	-332	-331	-292	M	G	0.00	0.00	2.50
1	-292	-331	-330	-291	M	G	0.00	0.00	2.50
1	-291	-330	29	-290	M	G	0.00	0.00	2.50
1	-521	38	-560	-520	M	G	0.00	0.00	2.50
1	-688	-725	-724	-687	M	G	0.00	0.00	9.00
1	-687	-724	-723	-686	M	G	0.00	0.00	9.00
1	-649	-688	-687	-648	M	G	0.00	0.00	9.00
1	-648	-687	-686	-647	M	G	0.00	0.00	9.00
1	-686	-723	-722	-685	M	G	0.00	0.00	9.00
1	-685	-722	-721	-684	M	G	0.00	0.00	9.00
1	-684	-721	-720	-683	M	G	0.00	0.00	9.00
1	-610	-649	-648	-609	M	G	0.00	0.00	9.00
1	-609	-648	-647	-608	M	G	0.00	0.00	9.00
1	-647	-686	-685	-646	M	G	0.00	0.00	9.00
1	-646	-685	-684	-645	M	G	0.00	0.00	9.00
1	-645	-684	-683	-644	M	G	0.00	0.00	9.00
1	-534	-573	-572	-533	M	G	0.00	0.00	2.50
1	-533	-572	-571	-532	M	G	0.00	0.00	2.50
1	-571	-608	-607	-570	M	G	0.00	0.00	9.00
1	-570	-607	-606	-569	M	G	0.00	0.00	9.00
1	-569	-606	-605	-568	M	G	0.00	0.00	9.00
1	-612	-651	-650	-611	M	G	0.00	0.00	9.00
1	-573	-610	-609	-572	M	G	0.00	0.00	9.00
1	-572	-609	-608	-571	M	G	0.00	0.00	9.00
1	-608	-647	-646	-607	M	G	0.00	0.00	9.00
1	-607	-646	-645	-606	M	G	0.00	0.00	9.00
1	-606	-645	-644	-605	M	G	0.00	0.00	9.00
1	-604	-605	-644	-643	M	G	0.00	0.00	9.00
1	-603	-604	-643	-642	M	G	0.00	0.00	9.00
1	-527	-528	-567	-566	M	G	0.00	0.00	2.50
1	-528	-529	-568	-567	M	G	0.00	0.00	2.50
1	-457	-494	-493	-456	M	G	0.00	0.00	2.50

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1	-456	-493	-492	-455	M	G	0.00	0.00	2.50
1	-492	-532	-531	-491	M	G	0.00	0.00	2.50
1	-491	-531	-530	-490	M	G	0.00	0.00	2.50
1	-490	-530	-529	-489	M	G	0.00	0.00	2.50
1	-536	39	-574	-535	M	G	0.00	0.00	2.50
1	-494	-534	-533	-493	M	G	0.00	0.00	2.50
1	-493	-533	-532	-492	M	G	0.00	0.00	2.50
1	-532	-571	-570	-531	M	G	0.00	0.00	2.50
1	-531	-570	-569	-530	M	G	0.00	0.00	2.50
1	-530	-569	-568	-529	M	G	0.00	0.00	2.50
1	-371	-372	-412	-411	M	G	0.00	0.00	2.50
1	-411	-412	-451	-450	M	G	0.00	0.00	2.50
1	-372	-373	-413	-412	M	G	0.00	0.00	2.50
1	-412	-413	-452	-451	M	G	0.00	0.00	2.50
1	-416	-417	-456	-455	M	G	0.00	0.00	2.50
1	-417	-418	-457	-456	M	G	0.00	0.00	2.50
1	-455	-492	-491	-454	M	G	0.00	0.00	2.50
1	-454	-491	-490	-453	M	G	0.00	0.00	2.50
1	-453	-490	-489	-452	M	G	0.00	0.00	2.50
1	-373	-374	-414	-413	M	G	0.00	0.00	2.50
1	-413	-414	-453	-452	M	G	0.00	0.00	2.50
1	-338	-339	-375	-374	M	G	0.00	0.00	2.50
1	-374	-375	-415	-414	M	G	0.00	0.00	2.50
1	-414	-415	-454	-453	M	G	0.00	0.00	2.50
1	-339	-340	-376	-375	M	G	0.00	0.00	2.50
1	-375	-376	-416	-415	M	G	0.00	0.00	2.50
1	-415	-416	-455	-454	M	G	0.00	0.00	2.50
1	-303	-342	-341	-302	M	G	0.00	0.00	2.50
1	-340	-341	-377	-376	M	G	0.00	0.00	2.50
1	-376	-377	-417	-416	M	G	0.00	0.00	2.50
1	-302	-341	-340	-301	M	G	0.00	0.00	2.50
1	-341	-342	-378	-377	M	G	0.00	0.00	2.50
1	-377	-378	-418	-417	M	G	0.00	0.00	2.50
1	-342	-343	-379	-378	M	G	0.00	0.00	2.50
1	-378	-379	-419	-418	M	G	0.00	0.00	2.50
1	-418	-419	-458	-457	M	G	0.00	0.00	2.50
1	-301	-340	-339	-300	M	G	0.00	0.00	2.50
1	-300	-339	-338	-299	M	G	0.00	0.00	2.50
1	-299	-338	-337	-298	M	G	0.00	0.00	2.50
1	33	-405	-404	-365	M	G	0.00	0.00	2.50
1	-405	34	-444	-404	M	G	0.00	0.00	2.50
1	-597	42	-636	-596	M	G	0.00	0.00	9.00
1	-547	-548	-585	-584	M	G	0.00	0.00	2.50
1	-470	-471	-510	-509	M	G	0.00	0.00	2.50
1	-623	-624	-663	-662	M	G	0.00	0.00	9.00
1	-546	-547	-584	-583	M	G	0.00	0.00	2.50
1	-343	30	-380	-379	M	G	0.00	0.00	2.50
1	-430	-431	-468	-467	M	G	0.00	0.00	2.50
1	-697	-698	-737	-736	M	G	0.00	0.00	9.00
1	-698	-699	-738	-737	M	G	0.00	0.00	9.00
1	-699	-700	-739	-738	M	G	0.00	0.00	9.00
1	-700	-701	-740	-739	M	G	0.00	0.00	9.00
1	-701	-702	-741	-740	M	G	0.00	0.00	9.00
1	-664	-701	-700	-663	M	G	0.00	0.00	9.00
1	-663	-700	-699	-662	M	G	0.00	0.00	9.00
1	-662	-699	-698	-661	M	G	0.00	0.00	9.00
1	-661	-698	-697	-660	M	G	0.00	0.00	9.00
1	-660	-697	45	-659	M	G	0.00	0.00	9.00
1	-620	-621	-660	-659	M	G	0.00	0.00	9.00
1	-582	-583	-622	-621	M	G	0.00	0.00	9.00
1	-442	-443	-479	37	M	G	0.00	0.00	2.50
1	-583	-584	-623	-622	M	G	0.00	0.00	9.00
1	-622	-623	-662	-661	M	G	0.00	0.00	9.00
1	-584	-585	-624	-623	M	G	0.00	0.00	9.00
1	-351	-352	-390	-389	M	G	0.00	0.00	2.50
1	-585	-586	-625	-624	M	G	0.00	0.00	9.00
1	-429	-430	-467	-466	M	G	0.00	0.00	2.50
1	-586	-587	-626	-625	M	G	0.00	0.00	9.00
1	-625	-626	-665	-664	M	G	0.00	0.00	9.00
1	-544	-545	-582	40	M	G	0.00	0.00	2.50
1	-505	-506	-546	-545	M	G	0.00	0.00	2.50
1	-545	-546	-583	-582	M	G	0.00	0.00	2.50
1	-689	-726	-725	-688	M	G	0.00	0.00	9.00
1	-507	-508	-548	-547	M	G	0.00	0.00	2.50
1	-611	-650	-649	-610	M	G	0.00	0.00	9.00
1	-508	-509	-549	-548	M	G	0.00	0.00	2.50
1	-548	-549	-586	-585	M	G	0.00	0.00	2.50
1	-509	-510	-550	-549	M	G	0.00	0.00	2.50
1	-549	-550	-587	-586	M	G	0.00	0.00	2.50

1	-466	-467	-506	-505	M	G	0.00	0.00	2.50
1	-419	-420	35	-458	M	G	0.00	0.00	2.50
1	-468	-469	-508	-507	M	G	0.00	0.00	2.50
1	-304	-343	-342	-303	M	G	0.00	0.00	2.50
1	-388	-389	-429	-428	M	G	0.00	0.00	2.50
1	-428	-429	-466	36	M	G	0.00	0.00	2.50
1	-432	-433	-470	-469	M	G	0.00	0.00	2.50
1	-389	-390	-430	-429	M	G	0.00	0.00	2.50
1	-352	-353	-391	-390	M	G	0.00	0.00	2.50
1	-390	-391	-431	-430	M	G	0.00	0.00	2.50
1	-458	-495	-494	-457	M	G	0.00	0.00	2.50
1	-353	-354	-392	-391	M	G	0.00	0.00	2.50
1	-391	-392	-432	-431	M	G	0.00	0.00	2.50
1	-431	-432	-469	-468	M	G	0.00	0.00	2.50
1	-354	-355	-393	-392	M	G	0.00	0.00	2.50
1	-392	-393	-433	-432	M	G	0.00	0.00	2.50
1	-495	-535	-534	-494	M	G	0.00	0.00	2.50
1	-326	-327	32	-363	M	G	0.00	0.00	2.50
1	-325	-326	-363	-362	M	G	0.00	0.00	2.50
1	-634	-635	-674	-673	M	G	0.00	0.00	9.00
1	-402	-403	-443	-442	M	G	0.00	0.00	2.50
1	-379	-380	-420	-419	M	G	0.00	0.00	2.50
1	-558	-559	-595	41	M	G	0.00	0.00	2.50
1	-535	-574	-573	-534	M	G	0.00	0.00	2.50
1	-650	-689	-688	-649	M	G	0.00	0.00	9.00
1	-574	-611	-610	-573	M	G	0.00	0.00	9.00

Elenco carichi elementi bidimensionali**Condizione di carico n. 4: Schema 1-B****Carichi uniformi**

Bid.	N1	N2	N3	N4	T	DC	Qx <kN/mq>	Qy <kN/mq>	Qz <kN/mq>
1	-290	29	-329	-289	M	G	0.00	0.00	2.50
1	32	-364	-403	-402	M	G	0.00	0.00	2.50
1	34	-481	-480	-444	M	G	0.00	0.00	2.50
1	38	-597	-596	-560	M	G	0.00	0.00	9.00
1	-675	-636	42	43	M	G	0.00	0.00	9.00
1	-675	43	-712	-711	M	G	0.00	0.00	9.00
1	-296	-335	-334	-295	M	G	0.00	0.00	2.50
1	29	33	-365	-329	M	G	0.00	0.00	2.50
1	34	-445	-482	-481	M	G	0.00	0.00	2.50
1	-566	-603	-602	-565	M	G	0.00	0.00	9.00
1	-642	-681	-680	-641	M	G	0.00	0.00	9.00
1	-681	-718	-717	-680	M	G	0.00	0.00	9.00
1	-681	-682	-719	-718	M	G	0.00	0.00	9.00
1	-642	-643	-682	-681	M	G	0.00	0.00	9.00
1	-567	-568	-605	-604	M	G	0.00	0.00	9.00
1	-488	-489	-529	-528	M	G	0.00	0.00	2.50
1	-450	-451	-488	-487	M	G	0.00	0.00	2.50
1	-335	-371	-370	-334	M	G	0.00	0.00	2.50
1	-296	-297	-336	-335	M	G	0.00	0.00	2.50
1	-305	30	-343	-304	M	G	0.00	0.00	2.50
1	-336	-337	-373	-372	M	G	0.00	0.00	2.50
1	35	-496	-495	-458	M	G	0.00	0.00	2.50
1	39	-612	-611	-574	M	G	0.00	0.00	9.00
1	-651	44	-689	-650	M	G	0.00	0.00	9.00
1	44	-727	-726	-689	M	G	0.00	0.00	9.00
1	-337	-338	-374	-373	M	G	0.00	0.00	2.50
1	45	-697	-736	-735	M	G	0.00	0.00	9.00
1	40	-582	-621	-620	M	G	0.00	0.00	9.00
1	36	-466	-505	-504	M	G	0.00	0.00	2.50
1	-313	-314	-351	31	M	G	0.00	0.00	2.50
1	-665	-702	-701	-664	M	G	0.00	0.00	9.00
1	-665	-666	-703	-702	M	G	0.00	0.00	9.00
1	-667	-668	-705	-704	M	G	0.00	0.00	9.00
1	-673	-674	-710	46	M	G	0.00	0.00	9.00
1	-710	-750	-749	46	M	G	0.00	0.00	9.00
1	-319	-320	-357	-356	M	G	0.00	0.00	2.50
1	31	-351	-389	-388	M	G	0.00	0.00	2.50
1	-621	-622	-661	-660	M	G	0.00	0.00	9.00
1	-471	-472	-511	-510	M	G	0.00	0.00	2.50
1	-587	-588	-627	-626	M	G	0.00	0.00	9.00
1	-321	-322	-359	-358	M	G	0.00	0.00	2.50
1	-356	-357	-395	-394	M	G	0.00	0.00	2.50
1	-624	-625	-664	-663	M	G	0.00	0.00	9.00
1	-473	-474	-513	-512	M	G	0.00	0.00	2.50
1	-589	-590	-629	-628	M	G	0.00	0.00	9.00
1	-327	-328	-364	32	M	G	0.00	0.00	2.50

Relazione di Calcolo – Ponte Torrente Gogna

1	-358	-359	-397	-396	M	G	0.00	0.00	2.50
1	-506	-507	-547	-546	M	G	0.00	0.00	2.50
1	37	-479	-519	-518	M	G	0.00	0.00	2.50
1	41	-595	-635	-634	M	G	0.00	0.00	9.00
1	-702	-703	-742	-741	M	G	0.00	0.00	9.00
1	-704	-705	-744	-743	M	G	0.00	0.00	9.00
1	-682	-683	-720	-719	M	G	0.00	0.00	9.00
1	-643	-644	-683	-682	M	G	0.00	0.00	9.00
1	-467	-468	-507	-506	M	G	0.00	0.00	2.50
1	-566	-567	-604	-603	M	G	0.00	0.00	9.00
1	-469	-470	-509	-508	M	G	0.00	0.00	2.50
1	-487	-488	-528	-527	M	G	0.00	0.00	2.50
1	-451	-452	-489	-488	M	G	0.00	0.00	2.50
1	-335	-336	-372	-371	M	G	0.00	0.00	2.50
1	-297	-298	-337	-336	M	G	0.00	0.00	2.50
1	-481	-482	-522	-521	M	G	0.00	0.00	2.50
1	-481	-521	-520	-480	M	G	0.00	0.00	2.50
1	-496	-536	-535	-495	M	G	0.00	0.00	2.50
1	-504	-505	-545	-544	M	G	0.00	0.00	2.50
1	-510	-511	-551	-550	M	G	0.00	0.00	2.50
1	-512	-513	-553	-552	M	G	0.00	0.00	2.50
1	-518	-519	-559	-558	M	G	0.00	0.00	2.50
1	-355	-356	-394	-393	M	G	0.00	0.00	2.50
1	-393	-394	-434	-433	M	G	0.00	0.00	2.50
1	-433	-434	-471	-470	M	G	0.00	0.00	2.50
1	-314	-315	-352	-351	M	G	0.00	0.00	2.50
1	-315	-316	-353	-352	M	G	0.00	0.00	2.50
1	-316	-317	-354	-353	M	G	0.00	0.00	2.50
1	-317	-318	-355	-354	M	G	0.00	0.00	2.50
1	-318	-319	-356	-355	M	G	0.00	0.00	2.50
1	-626	-627	-666	-665	M	G	0.00	0.00	9.00
1	-550	-551	-588	-587	M	G	0.00	0.00	2.50
1	-394	-395	-435	-434	M	G	0.00	0.00	2.50
1	-434	-435	-472	-471	M	G	0.00	0.00	2.50
1	-357	-358	-396	-395	M	G	0.00	0.00	2.50
1	-395	-396	-436	-435	M	G	0.00	0.00	2.50
1	-435	-436	-473	-472	M	G	0.00	0.00	2.50
1	-472	-473	-512	-511	M	G	0.00	0.00	2.50
1	-511	-512	-552	-551	M	G	0.00	0.00	2.50
1	-551	-552	-589	-588	M	G	0.00	0.00	2.50
1	-588	-589	-628	-627	M	G	0.00	0.00	9.00
1	-627	-628	-667	-666	M	G	0.00	0.00	9.00
1	-666	-667	-704	-703	M	G	0.00	0.00	9.00
1	-703	-704	-743	-742	M	G	0.00	0.00	9.00
1	-320	-321	-358	-357	M	G	0.00	0.00	2.50
1	-705	-706	-745	-744	M	G	0.00	0.00	9.00
1	-706	-707	-746	-745	M	G	0.00	0.00	9.00
1	-707	-708	-747	-746	M	G	0.00	0.00	9.00
1	-708	-709	-748	-747	M	G	0.00	0.00	9.00
1	-709	46	-749	-748	M	G	0.00	0.00	9.00
1	-668	-669	-706	-705	M	G	0.00	0.00	9.00
1	-669	-670	-707	-706	M	G	0.00	0.00	9.00
1	-670	-671	-708	-707	M	G	0.00	0.00	9.00
1	-671	-672	-709	-708	M	G	0.00	0.00	9.00
1	-672	-673	46	-709	M	G	0.00	0.00	9.00
1	-628	-629	-668	-667	M	G	0.00	0.00	9.00
1	-590	-591	-630	-629	M	G	0.00	0.00	9.00
1	-629	-630	-669	-668	M	G	0.00	0.00	9.00
1	-591	-592	-631	-630	M	G	0.00	0.00	9.00
1	-630	-631	-670	-669	M	G	0.00	0.00	9.00
1	-592	-593	-632	-631	M	G	0.00	0.00	9.00
1	-631	-632	-671	-670	M	G	0.00	0.00	9.00
1	-593	-594	-633	-632	M	G	0.00	0.00	9.00
1	-632	-633	-672	-671	M	G	0.00	0.00	9.00
1	-594	41	-634	-633	M	G	0.00	0.00	9.00
1	-633	-634	-673	-672	M	G	0.00	0.00	9.00
1	-552	-553	-590	-589	M	G	0.00	0.00	2.50
1	-513	-514	-554	-553	M	G	0.00	0.00	2.50
1	-553	-554	-591	-590	M	G	0.00	0.00	2.50
1	-514	-515	-555	-554	M	G	0.00	0.00	2.50
1	-554	-555	-592	-591	M	G	0.00	0.00	2.50
1	-515	-516	-556	-555	M	G	0.00	0.00	2.50
1	-555	-556	-593	-592	M	G	0.00	0.00	2.50
1	-516	-517	-557	-556	M	G	0.00	0.00	2.50
1	-556	-557	-594	-593	M	G	0.00	0.00	2.50
1	-517	-518	-558	-557	M	G	0.00	0.00	2.50
1	-557	-558	41	-594	M	G	0.00	0.00	2.50
1	-474	-475	-514	-513	M	G	0.00	0.00	2.50
1	-475	-476	-515	-514	M	G	0.00	0.00	2.50

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1	-476	-477	-516	-515	M	G	0.00	0.00	2.50
1	-477	-478	-517	-516	M	G	0.00	0.00	2.50
1	-478	37	-518	-517	M	G	0.00	0.00	2.50
1	-396	-397	-437	-436	M	G	0.00	0.00	2.50
1	-436	-437	-474	-473	M	G	0.00	0.00	2.50
1	-359	-360	-398	-397	M	G	0.00	0.00	2.50
1	-397	-398	-438	-437	M	G	0.00	0.00	2.50
1	-437	-438	-475	-474	M	G	0.00	0.00	2.50
1	-360	-361	-399	-398	M	G	0.00	0.00	2.50
1	-398	-399	-439	-438	M	G	0.00	0.00	2.50
1	-438	-439	-476	-475	M	G	0.00	0.00	2.50
1	-361	-362	-400	-399	M	G	0.00	0.00	2.50
1	-399	-400	-440	-439	M	G	0.00	0.00	2.50
1	-439	-440	-477	-476	M	G	0.00	0.00	2.50
1	-362	-363	-401	-400	M	G	0.00	0.00	2.50
1	-400	-401	-441	-440	M	G	0.00	0.00	2.50
1	-440	-441	-478	-477	M	G	0.00	0.00	2.50
1	-363	32	-402	-401	M	G	0.00	0.00	2.50
1	-401	-402	-442	-441	M	G	0.00	0.00	2.50
1	-441	-442	37	-478	M	G	0.00	0.00	2.50
1	-322	-323	-360	-359	M	G	0.00	0.00	2.50
1	-323	-324	-361	-360	M	G	0.00	0.00	2.50
1	-324	-325	-362	-361	M	G	0.00	0.00	2.50
1	-680	-717	-716	-679	M	G	0.00	0.00	9.00
1	-679	-716	-715	-678	M	G	0.00	0.00	9.00
1	-678	-715	-714	-677	M	G	0.00	0.00	9.00
1	-677	-714	-713	-676	M	G	0.00	0.00	9.00
1	-676	-713	-712	43	M	G	0.00	0.00	9.00
1	-641	-680	-679	-640	M	G	0.00	0.00	9.00
1	-640	-679	-678	-639	M	G	0.00	0.00	9.00
1	-639	-678	-677	-638	M	G	0.00	0.00	9.00
1	-638	-677	-676	-637	M	G	0.00	0.00	9.00
1	-637	-676	43	42	M	G	0.00	0.00	9.00
1	-565	-602	-601	-564	M	G	0.00	0.00	9.00
1	-564	-601	-600	-563	M	G	0.00	0.00	9.00
1	-563	-600	-599	-562	M	G	0.00	0.00	9.00
1	-562	-599	-598	-561	M	G	0.00	0.00	9.00
1	-561	-598	-597	38	M	G	0.00	0.00	9.00
1	-603	-642	-641	-602	M	G	0.00	0.00	9.00
1	-602	-641	-640	-601	M	G	0.00	0.00	9.00
1	-601	-640	-639	-600	M	G	0.00	0.00	9.00
1	-600	-639	-638	-599	M	G	0.00	0.00	9.00
1	-599	-638	-637	-598	M	G	0.00	0.00	9.00
1	-598	-637	42	-597	M	G	0.00	0.00	9.00
1	-521	-522	-561	38	M	G	0.00	0.00	2.50
1	-482	-483	-523	-522	M	G	0.00	0.00	2.50
1	-522	-523	-562	-561	M	G	0.00	0.00	2.50
1	-483	-484	-524	-523	M	G	0.00	0.00	2.50
1	-523	-524	-563	-562	M	G	0.00	0.00	2.50
1	-484	-485	-525	-524	M	G	0.00	0.00	2.50
1	-524	-525	-564	-563	M	G	0.00	0.00	2.50
1	-485	-486	-526	-525	M	G	0.00	0.00	2.50
1	-525	-526	-565	-564	M	G	0.00	0.00	2.50
1	-486	-487	-527	-526	M	G	0.00	0.00	2.50
1	-526	-527	-566	-565	M	G	0.00	0.00	2.50
1	-445	-446	-483	-482	M	G	0.00	0.00	2.50
1	-446	-447	-484	-483	M	G	0.00	0.00	2.50
1	-447	-448	-485	-484	M	G	0.00	0.00	2.50
1	-448	-449	-486	-485	M	G	0.00	0.00	2.50
1	-449	-450	-487	-486	M	G	0.00	0.00	2.50
1	-334	-370	-369	-333	M	G	0.00	0.00	2.50
1	-333	-369	-368	-332	M	G	0.00	0.00	2.50
1	-332	-368	-367	-331	M	G	0.00	0.00	2.50
1	-331	-367	-366	-330	M	G	0.00	0.00	2.50
1	-330	-366	33	29	M	G	0.00	0.00	2.50
1	-371	-411	-410	-370	M	G	0.00	0.00	2.50
1	-370	-410	-409	-369	M	G	0.00	0.00	2.50
1	-369	-409	-408	-368	M	G	0.00	0.00	2.50
1	-368	-408	-407	-367	M	G	0.00	0.00	2.50
1	-367	-407	-406	-366	M	G	0.00	0.00	2.50
1	-366	-406	-405	33	M	G	0.00	0.00	2.50
1	-411	-450	-449	-410	M	G	0.00	0.00	2.50
1	-410	-449	-448	-409	M	G	0.00	0.00	2.50
1	-409	-448	-447	-408	M	G	0.00	0.00	2.50
1	-408	-447	-446	-407	M	G	0.00	0.00	2.50
1	-407	-446	-445	-406	M	G	0.00	0.00	2.50
1	-406	-445	34	-405	M	G	0.00	0.00	2.50
1	-295	-334	-333	-294	M	G	0.00	0.00	2.50
1	-294	-333	-332	-293	M	G	0.00	0.00	2.50

Relazione di Calcolo – Ponte Torrente Gogna

1	-293	-332	-331	-292	M	G	0.00	0.00	2.50
1	-292	-331	-330	-291	M	G	0.00	0.00	2.50
1	-291	-330	29	-290	M	G	0.00	0.00	2.50
1	-521	38	-560	-520	M	G	0.00	0.00	2.50
1	-688	-725	-724	-687	M	G	0.00	0.00	9.00
1	-687	-724	-723	-686	M	G	0.00	0.00	9.00
1	-649	-688	-687	-648	M	G	0.00	0.00	9.00
1	-648	-687	-686	-647	M	G	0.00	0.00	9.00
1	-686	-723	-722	-685	M	G	0.00	0.00	9.00
1	-685	-722	-721	-684	M	G	0.00	0.00	9.00
1	-684	-721	-720	-683	M	G	0.00	0.00	9.00
1	-610	-649	-648	-609	M	G	0.00	0.00	9.00
1	-609	-648	-647	-608	M	G	0.00	0.00	9.00
1	-647	-686	-685	-646	M	G	0.00	0.00	9.00
1	-646	-685	-684	-645	M	G	0.00	0.00	9.00
1	-645	-684	-683	-644	M	G	0.00	0.00	9.00
1	-534	-573	-572	-533	M	G	0.00	0.00	2.50
1	-533	-572	-571	-532	M	G	0.00	0.00	2.50
1	-571	-608	-607	-570	M	G	0.00	0.00	9.00
1	-570	-607	-606	-569	M	G	0.00	0.00	9.00
1	-569	-606	-605	-568	M	G	0.00	0.00	9.00
1	-612	-651	-650	-611	M	G	0.00	0.00	9.00
1	-573	-610	-609	-572	M	G	0.00	0.00	9.00
1	-572	-609	-608	-571	M	G	0.00	0.00	9.00
1	-608	-647	-646	-607	M	G	0.00	0.00	9.00
1	-607	-646	-645	-606	M	G	0.00	0.00	9.00
1	-606	-645	-644	-605	M	G	0.00	0.00	9.00
1	-604	-605	-644	-643	M	G	0.00	0.00	9.00
1	-603	-604	-643	-642	M	G	0.00	0.00	9.00
1	-527	-528	-567	-566	M	G	0.00	0.00	2.50
1	-528	-529	-568	-567	M	G	0.00	0.00	2.50
1	-457	-494	-493	-456	M	G	0.00	0.00	2.50
1	-456	-493	-492	-455	M	G	0.00	0.00	2.50
1	-492	-532	-531	-491	M	G	0.00	0.00	2.50
1	-491	-531	-530	-490	M	G	0.00	0.00	2.50
1	-490	-530	-529	-489	M	G	0.00	0.00	2.50
1	-536	39	-574	-535	M	G	0.00	0.00	2.50
1	-494	-534	-533	-493	M	G	0.00	0.00	2.50
1	-493	-533	-532	-492	M	G	0.00	0.00	2.50
1	-532	-571	-570	-531	M	G	0.00	0.00	2.50
1	-531	-570	-569	-530	M	G	0.00	0.00	2.50
1	-530	-569	-568	-529	M	G	0.00	0.00	2.50
1	-371	-372	-412	-411	M	G	0.00	0.00	2.50
1	-411	-412	-451	-450	M	G	0.00	0.00	2.50
1	-372	-373	-413	-412	M	G	0.00	0.00	2.50
1	-412	-413	-452	-451	M	G	0.00	0.00	2.50
1	-416	-417	-456	-455	M	G	0.00	0.00	2.50
1	-417	-418	-457	-456	M	G	0.00	0.00	2.50
1	-455	-492	-491	-454	M	G	0.00	0.00	2.50
1	-454	-491	-490	-453	M	G	0.00	0.00	2.50
1	-453	-490	-489	-452	M	G	0.00	0.00	2.50
1	-373	-374	-414	-413	M	G	0.00	0.00	2.50
1	-413	-414	-453	-452	M	G	0.00	0.00	2.50
1	-338	-339	-375	-374	M	G	0.00	0.00	2.50
1	-374	-375	-415	-414	M	G	0.00	0.00	2.50
1	-414	-415	-454	-453	M	G	0.00	0.00	2.50
1	-339	-340	-376	-375	M	G	0.00	0.00	2.50
1	-375	-376	-416	-415	M	G	0.00	0.00	2.50
1	-415	-416	-455	-454	M	G	0.00	0.00	2.50
1	-303	-342	-341	-302	M	G	0.00	0.00	2.50
1	-340	-341	-377	-376	M	G	0.00	0.00	2.50
1	-376	-377	-417	-416	M	G	0.00	0.00	2.50
1	-302	-341	-340	-301	M	G	0.00	0.00	2.50
1	-341	-342	-378	-377	M	G	0.00	0.00	2.50
1	-377	-378	-418	-417	M	G	0.00	0.00	2.50
1	-342	-343	-379	-378	M	G	0.00	0.00	2.50
1	-378	-379	-419	-418	M	G	0.00	0.00	2.50
1	-418	-419	-458	-457	M	G	0.00	0.00	2.50
1	-301	-340	-339	-300	M	G	0.00	0.00	2.50
1	-300	-339	-338	-299	M	G	0.00	0.00	2.50
1	-299	-338	-337	-298	M	G	0.00	0.00	2.50
1	33	-405	-404	-365	M	G	0.00	0.00	2.50
1	-405	34	-444	-404	M	G	0.00	0.00	2.50
1	-597	42	-636	-596	M	G	0.00	0.00	9.00
1	-547	-548	-585	-584	M	G	0.00	0.00	2.50
1	-470	-471	-510	-509	M	G	0.00	0.00	2.50
1	-623	-624	-663	-662	M	G	0.00	0.00	9.00
1	-546	-547	-584	-583	M	G	0.00	0.00	2.50
1	-343	30	-380	-379	M	G	0.00	0.00	2.50

Relazione di Calcolo – Ponte Torrente Gogna

1	-430	-431	-468	-467	M	G	0.00	0.00	2.50
1	-697	-698	-737	-736	M	G	0.00	0.00	9.00
1	-698	-699	-738	-737	M	G	0.00	0.00	9.00
1	-699	-700	-739	-738	M	G	0.00	0.00	9.00
1	-700	-701	-740	-739	M	G	0.00	0.00	9.00
1	-701	-702	-741	-740	M	G	0.00	0.00	9.00
1	-664	-701	-700	-663	M	G	0.00	0.00	9.00
1	-663	-700	-699	-662	M	G	0.00	0.00	9.00
1	-662	-699	-698	-661	M	G	0.00	0.00	9.00
1	-661	-698	-697	-660	M	G	0.00	0.00	9.00
1	-660	-697	45	-659	M	G	0.00	0.00	9.00
1	-620	-621	-660	-659	M	G	0.00	0.00	9.00
1	-582	-583	-622	-621	M	G	0.00	0.00	9.00
1	-442	-443	-479	37	M	G	0.00	0.00	2.50
1	-583	-584	-623	-622	M	G	0.00	0.00	9.00
1	-622	-623	-662	-661	M	G	0.00	0.00	9.00
1	-584	-585	-624	-623	M	G	0.00	0.00	9.00
1	-351	-352	-390	-389	M	G	0.00	0.00	2.50
1	-585	-586	-625	-624	M	G	0.00	0.00	9.00
1	-429	-430	-467	-466	M	G	0.00	0.00	2.50
1	-586	-587	-626	-625	M	G	0.00	0.00	9.00
1	-625	-626	-665	-664	M	G	0.00	0.00	9.00
1	-544	-545	-582	40	M	G	0.00	0.00	2.50
1	-505	-506	-546	-545	M	G	0.00	0.00	2.50
1	-545	-546	-583	-582	M	G	0.00	0.00	2.50
1	-689	-726	-725	-688	M	G	0.00	0.00	9.00
1	-507	-508	-548	-547	M	G	0.00	0.00	2.50
1	-611	-650	-649	-610	M	G	0.00	0.00	9.00
1	-508	-509	-549	-548	M	G	0.00	0.00	2.50
1	-548	-549	-586	-585	M	G	0.00	0.00	2.50
1	-509	-510	-550	-549	M	G	0.00	0.00	2.50
1	-549	-550	-587	-586	M	G	0.00	0.00	2.50
1	-466	-467	-506	-505	M	G	0.00	0.00	2.50
1	-419	-420	35	-458	M	G	0.00	0.00	2.50
1	-468	-469	-508	-507	M	G	0.00	0.00	2.50
1	-304	-343	-342	-303	M	G	0.00	0.00	2.50
1	-388	-389	-429	-428	M	G	0.00	0.00	2.50
1	-428	-429	-466	36	M	G	0.00	0.00	2.50
1	-432	-433	-470	-469	M	G	0.00	0.00	2.50
1	-389	-390	-430	-429	M	G	0.00	0.00	2.50
1	-352	-353	-391	-390	M	G	0.00	0.00	2.50
1	-390	-391	-431	-430	M	G	0.00	0.00	2.50
1	-458	-495	-494	-457	M	G	0.00	0.00	2.50
1	-353	-354	-392	-391	M	G	0.00	0.00	2.50
1	-391	-392	-432	-431	M	G	0.00	0.00	2.50
1	-431	-432	-469	-468	M	G	0.00	0.00	2.50
1	-354	-355	-393	-392	M	G	0.00	0.00	2.50
1	-392	-393	-433	-432	M	G	0.00	0.00	2.50
1	-495	-535	-534	-494	M	G	0.00	0.00	2.50
1	-326	-327	32	-363	M	G	0.00	0.00	2.50
1	-325	-326	-363	-362	M	G	0.00	0.00	2.50
1	-634	-635	-674	-673	M	G	0.00	0.00	9.00
1	-402	-403	-443	-442	M	G	0.00	0.00	2.50
1	-379	-380	-420	-419	M	G	0.00	0.00	2.50
1	-558	-559	-595	41	M	G	0.00	0.00	2.50
1	-535	-574	-573	-534	M	G	0.00	0.00	2.50
1	-650	-689	-688	-649	M	G	0.00	0.00	9.00
1	-574	-611	-610	-573	M	G	0.00	0.00	9.00

Elenco carichi elementi bidimensionali
Condizione di carico n. 5: Schema 1-C
Carichi uniformi

Bid.	N1	N2	N3	N4	T	DC	Qx <kN/mq>	Qy <kN/mq>	Qz <kN/mq>
1	-539	-577	-576	-538	M	G	0.00	0.00	2.50
1	34	-481	-480	-444	M	G	0.00	0.00	2.50
1	38	-597	-596	-560	M	G	0.00	0.00	9.00
1	-675	-636	42	43	M	G	0.00	0.00	9.00
1	-675	43	-712	-711	M	G	0.00	0.00	9.00
1	-652	-690	44	-651	M	G	0.00	0.00	9.00
1	34	-445	-482	-481	M	G	0.00	0.00	2.50
1	-566	-603	-602	-565	M	G	0.00	0.00	9.00
1	-642	-681	-680	-641	M	G	0.00	0.00	9.00
1	-681	-718	-717	-680	M	G	0.00	0.00	9.00
1	-681	-682	-719	-718	M	G	0.00	0.00	9.00
1	-642	-643	-682	-681	M	G	0.00	0.00	9.00
1	-567	-568	-605	-604	M	G	0.00	0.00	9.00
1	-488	-489	-529	-528	M	G	0.00	0.00	2.50

Relazione di Calcolo – Ponte Torrente Gogna

1	-450	-451	-488	-487	M	G	0.00	0.00	2.50
1	-616	-617	-656	-655	M	G	0.00	0.00	9.00
1	35	-496	-495	-458	M	G	0.00	0.00	2.50
1	39	-612	-611	-574	M	G	0.00	0.00	9.00
1	-651	44	-689	-650	M	G	0.00	0.00	9.00
1	44	-727	-726	-689	M	G	0.00	0.00	9.00
1	-461	-499	-498	-460	M	G	0.00	0.00	2.50
1	39	-575	-613	-612	M	G	0.00	0.00	9.00
1	-654	-692	-691	-653	M	G	0.00	0.00	9.00
1	-692	-730	-729	-691	M	G	0.00	0.00	9.00
1	-692	-693	-731	-730	M	G	0.00	0.00	9.00
1	-577	-578	-616	-615	M	G	0.00	0.00	9.00
1	-503	-543	-542	-502	M	G	0.00	0.00	2.50
1	-461	-462	-500	-499	M	G	0.00	0.00	2.50
1	-619	-658	-657	-618	M	G	0.00	0.00	9.00
1	36	-504	-503	-465	M	G	0.00	0.00	2.50
1	40	-620	-619	-581	M	G	0.00	0.00	9.00
1	-659	45	-696	-658	M	G	0.00	0.00	9.00
1	-735	-734	-696	45	M	G	0.00	0.00	9.00
1	-654	-655	-693	-692	M	G	0.00	0.00	9.00
1	-682	-683	-720	-719	M	G	0.00	0.00	9.00
1	-643	-644	-683	-682	M	G	0.00	0.00	9.00
1	-566	-567	-604	-603	M	G	0.00	0.00	9.00
1	-487	-488	-528	-527	M	G	0.00	0.00	2.50
1	-451	-452	-489	-488	M	G	0.00	0.00	2.50
1	-481	-482	-522	-521	M	G	0.00	0.00	2.50
1	-481	-521	-520	-480	M	G	0.00	0.00	2.50
1	-496	-536	-535	-495	M	G	0.00	0.00	2.50
1	-499	-539	-538	-498	M	G	0.00	0.00	2.50
1	-499	-500	-540	-539	M	G	0.00	0.00	2.50
1	-504	-544	-543	-503	M	G	0.00	0.00	2.50
1	-680	-717	-716	-679	M	G	0.00	0.00	9.00
1	-679	-716	-715	-678	M	G	0.00	0.00	9.00
1	-678	-715	-714	-677	M	G	0.00	0.00	9.00
1	-677	-714	-713	-676	M	G	0.00	0.00	9.00
1	-676	-713	-712	43	M	G	0.00	0.00	9.00
1	-641	-680	-679	-640	M	G	0.00	0.00	9.00
1	-640	-679	-678	-639	M	G	0.00	0.00	9.00
1	-639	-678	-677	-638	M	G	0.00	0.00	9.00
1	-638	-677	-676	-637	M	G	0.00	0.00	9.00
1	-637	-676	43	42	M	G	0.00	0.00	9.00
1	-565	-602	-601	-564	M	G	0.00	0.00	9.00
1	-564	-601	-600	-563	M	G	0.00	0.00	9.00
1	-563	-600	-599	-562	M	G	0.00	0.00	9.00
1	-562	-599	-598	-561	M	G	0.00	0.00	9.00
1	-561	-598	-597	38	M	G	0.00	0.00	9.00
1	-603	-642	-641	-602	M	G	0.00	0.00	9.00
1	-602	-641	-640	-601	M	G	0.00	0.00	9.00
1	-601	-640	-639	-600	M	G	0.00	0.00	9.00
1	-600	-639	-638	-599	M	G	0.00	0.00	9.00
1	-599	-638	-637	-598	M	G	0.00	0.00	9.00
1	-598	-637	42	-597	M	G	0.00	0.00	9.00
1	-521	-522	-561	38	M	G	0.00	0.00	2.50
1	-482	-483	-523	-522	M	G	0.00	0.00	2.50
1	-522	-523	-562	-561	M	G	0.00	0.00	2.50
1	-483	-484	-524	-523	M	G	0.00	0.00	2.50
1	-523	-524	-563	-562	M	G	0.00	0.00	2.50
1	-484	-485	-525	-524	M	G	0.00	0.00	2.50
1	-524	-525	-564	-563	M	G	0.00	0.00	2.50
1	-485	-486	-526	-525	M	G	0.00	0.00	2.50
1	-525	-526	-565	-564	M	G	0.00	0.00	2.50
1	-486	-487	-527	-526	M	G	0.00	0.00	2.50
1	-526	-527	-566	-565	M	G	0.00	0.00	2.50
1	-445	-446	-483	-482	M	G	0.00	0.00	2.50
1	-446	-447	-484	-483	M	G	0.00	0.00	2.50
1	-447	-448	-485	-484	M	G	0.00	0.00	2.50
1	-448	-449	-486	-485	M	G	0.00	0.00	2.50
1	-449	-450	-487	-486	M	G	0.00	0.00	2.50
1	-411	-450	-449	-410	M	G	0.00	0.00	2.50
1	-410	-449	-448	-409	M	G	0.00	0.00	2.50
1	-409	-448	-447	-408	M	G	0.00	0.00	2.50
1	-408	-447	-446	-407	M	G	0.00	0.00	2.50
1	-407	-446	-445	-406	M	G	0.00	0.00	2.50
1	-406	-445	34	-405	M	G	0.00	0.00	2.50
1	-521	38	-560	-520	M	G	0.00	0.00	2.50
1	-688	-725	-724	-687	M	G	0.00	0.00	9.00
1	-687	-724	-723	-686	M	G	0.00	0.00	9.00
1	-649	-688	-687	-648	M	G	0.00	0.00	9.00
1	-648	-687	-686	-647	M	G	0.00	0.00	9.00

Relazione di Calcolo – Ponte Torrente Gogna

1	-686	-723	-722	-685	M	G	0.00	0.00	9.00
1	-685	-722	-721	-684	M	G	0.00	0.00	9.00
1	-684	-721	-720	-683	M	G	0.00	0.00	9.00
1	-610	-649	-648	-609	M	G	0.00	0.00	9.00
1	-609	-648	-647	-608	M	G	0.00	0.00	9.00
1	-647	-686	-685	-646	M	G	0.00	0.00	9.00
1	-646	-685	-684	-645	M	G	0.00	0.00	9.00
1	-645	-684	-683	-644	M	G	0.00	0.00	9.00
1	-534	-573	-572	-533	M	G	0.00	0.00	2.50
1	-533	-572	-571	-532	M	G	0.00	0.00	2.50
1	-571	-608	-607	-570	M	G	0.00	0.00	9.00
1	-570	-607	-606	-569	M	G	0.00	0.00	9.00
1	-569	-606	-605	-568	M	G	0.00	0.00	9.00
1	-612	-651	-650	-611	M	G	0.00	0.00	9.00
1	-573	-610	-609	-572	M	G	0.00	0.00	9.00
1	-572	-609	-608	-571	M	G	0.00	0.00	9.00
1	-608	-647	-646	-607	M	G	0.00	0.00	9.00
1	-607	-646	-645	-606	M	G	0.00	0.00	9.00
1	-606	-645	-644	-605	M	G	0.00	0.00	9.00
1	-604	-605	-644	-643	M	G	0.00	0.00	9.00
1	-603	-604	-643	-642	M	G	0.00	0.00	9.00
1	-527	-528	-567	-566	M	G	0.00	0.00	2.50
1	-528	-529	-568	-567	M	G	0.00	0.00	2.50
1	-457	-494	-493	-456	M	G	0.00	0.00	2.50
1	-456	-493	-492	-455	M	G	0.00	0.00	2.50
1	-492	-532	-531	-491	M	G	0.00	0.00	2.50
1	-491	-531	-530	-490	M	G	0.00	0.00	2.50
1	-490	-530	-529	-489	M	G	0.00	0.00	2.50
1	-536	39	-574	-535	M	G	0.00	0.00	2.50
1	-494	-534	-533	-493	M	G	0.00	0.00	2.50
1	-493	-533	-532	-492	M	G	0.00	0.00	2.50
1	-532	-571	-570	-531	M	G	0.00	0.00	2.50
1	-531	-570	-569	-530	M	G	0.00	0.00	2.50
1	-530	-569	-568	-529	M	G	0.00	0.00	2.50
1	-411	-412	-451	-450	M	G	0.00	0.00	2.50
1	-412	-413	-452	-451	M	G	0.00	0.00	2.50
1	-416	-417	-456	-455	M	G	0.00	0.00	2.50
1	-417	-418	-457	-456	M	G	0.00	0.00	2.50
1	-455	-492	-491	-454	M	G	0.00	0.00	2.50
1	-454	-491	-490	-453	M	G	0.00	0.00	2.50
1	-453	-490	-489	-452	M	G	0.00	0.00	2.50
1	-413	-414	-453	-452	M	G	0.00	0.00	2.50
1	-414	-415	-454	-453	M	G	0.00	0.00	2.50
1	-415	-416	-455	-454	M	G	0.00	0.00	2.50
1	-418	-419	-458	-457	M	G	0.00	0.00	2.50
1	-405	34	-444	-404	M	G	0.00	0.00	2.50
1	-597	42	-636	-596	M	G	0.00	0.00	9.00
1	-423	-461	-460	-422	M	G	0.00	0.00	2.50
1	-422	-460	-459	-421	M	G	0.00	0.00	2.50
1	-421	-459	35	-420	M	G	0.00	0.00	2.50
1	-460	-498	-497	-459	M	G	0.00	0.00	2.50
1	-459	-497	-496	35	M	G	0.00	0.00	2.50
1	-498	-538	-537	-497	M	G	0.00	0.00	2.50
1	-497	-537	-536	-496	M	G	0.00	0.00	2.50
1	-538	-576	-575	-537	M	G	0.00	0.00	2.50
1	-537	-575	39	-536	M	G	0.00	0.00	2.50
1	-612	-613	-652	-651	M	G	0.00	0.00	9.00
1	-575	-576	-614	-613	M	G	0.00	0.00	9.00
1	-613	-614	-653	-652	M	G	0.00	0.00	9.00
1	-576	-577	-615	-614	M	G	0.00	0.00	9.00
1	-614	-615	-654	-653	M	G	0.00	0.00	9.00
1	-653	-691	-690	-652	M	G	0.00	0.00	9.00
1	-691	-729	-728	-690	M	G	0.00	0.00	9.00
1	-690	-728	-727	44	M	G	0.00	0.00	9.00
1	-423	-424	-462	-461	M	G	0.00	0.00	2.50
1	-424	-425	-463	-462	M	G	0.00	0.00	2.50
1	-462	-463	-501	-500	M	G	0.00	0.00	2.50
1	-539	-540	-578	-577	M	G	0.00	0.00	2.50
1	-500	-501	-541	-540	M	G	0.00	0.00	2.50
1	-540	-541	-579	-578	M	G	0.00	0.00	2.50
1	-615	-616	-655	-654	M	G	0.00	0.00	9.00
1	-578	-579	-617	-616	M	G	0.00	0.00	9.00
1	-655	-656	-694	-693	M	G	0.00	0.00	9.00
1	-693	-694	-732	-731	M	G	0.00	0.00	9.00
1	-428	36	-465	-427	M	G	0.00	0.00	2.50
1	-427	-465	-464	-426	M	G	0.00	0.00	2.50
1	-426	-464	-463	-425	M	G	0.00	0.00	2.50
1	-465	-503	-502	-464	M	G	0.00	0.00	2.50
1	-464	-502	-501	-463	M	G	0.00	0.00	2.50

Relazione di Calcolo – Ponte Torrente Gogna

1	-502	-542	-541	-501	M	G	0.00	0.00	2.50
1	-544	40	-581	-543	M	G	0.00	0.00	2.50
1	-543	-581	-580	-542	M	G	0.00	0.00	2.50
1	-542	-580	-579	-541	M	G	0.00	0.00	2.50
1	-581	-619	-618	-580	M	G	0.00	0.00	9.00
1	-580	-618	-617	-579	M	G	0.00	0.00	9.00
1	-620	-659	-658	-619	M	G	0.00	0.00	9.00
1	-618	-657	-656	-617	M	G	0.00	0.00	9.00
1	-658	-696	-695	-657	M	G	0.00	0.00	9.00
1	-657	-695	-694	-656	M	G	0.00	0.00	9.00
1	-734	-733	-695	-696	M	G	0.00	0.00	9.00
1	-733	-732	-694	-695	M	G	0.00	0.00	9.00
1	-689	-726	-725	-688	M	G	0.00	0.00	9.00
1	-611	-650	-649	-610	M	G	0.00	0.00	9.00
1	-419	-420	35	-458	M	G	0.00	0.00	2.50
1	-458	-495	-494	-457	M	G	0.00	0.00	2.50
1	-495	-535	-534	-494	M	G	0.00	0.00	2.50
1	-535	-574	-573	-534	M	G	0.00	0.00	2.50
1	-650	-689	-688	-649	M	G	0.00	0.00	9.00
1	-574	-611	-610	-573	M	G	0.00	0.00	9.00

Elenco carichi elementi bidimensionali
Condizione di carico n. 6: Schema 1-D
Carichi uniformi

Bid.	N1	N2	N3	N4	T	DC	Qx <kN/mq>	Qy <kN/mq>	Qz <kN/mq>
1	-539	-577	-576	-538	M	G	0.00	0.00	2.50
1	-652	-690	44	-651	M	G	0.00	0.00	9.00
1	-616	-617	-656	-655	M	G	0.00	0.00	9.00
1	-308	-346	-345	-307	M	G	0.00	0.00	2.50
1	-349	-386	-385	-348	M	G	0.00	0.00	2.50
1	-461	-499	-498	-460	M	G	0.00	0.00	2.50
1	39	-575	-613	-612	M	G	0.00	0.00	9.00
1	-654	-692	-691	-653	M	G	0.00	0.00	9.00
1	-692	-730	-729	-691	M	G	0.00	0.00	9.00
1	-692	-693	-731	-730	M	G	0.00	0.00	9.00
1	-577	-578	-616	-615	M	G	0.00	0.00	9.00
1	-503	-543	-542	-502	M	G	0.00	0.00	2.50
1	-461	-462	-500	-499	M	G	0.00	0.00	2.50
1	-346	-383	-382	-345	M	G	0.00	0.00	2.50
1	-308	-309	-347	-346	M	G	0.00	0.00	2.50
1	-313	31	-350	-312	M	G	0.00	0.00	2.50
1	-346	-347	-384	-383	M	G	0.00	0.00	2.50
1	-619	-658	-657	-618	M	G	0.00	0.00	9.00
1	36	-504	-503	-465	M	G	0.00	0.00	2.50
1	40	-620	-619	-581	M	G	0.00	0.00	9.00
1	-659	45	-696	-658	M	G	0.00	0.00	9.00
1	-735	-734	-696	45	M	G	0.00	0.00	9.00
1	-654	-655	-693	-692	M	G	0.00	0.00	9.00
1	31	-388	-387	-350	M	G	0.00	0.00	2.50
1	-499	-539	-538	-498	M	G	0.00	0.00	2.50
1	-499	-500	-540	-539	M	G	0.00	0.00	2.50
1	-504	-544	-543	-503	M	G	0.00	0.00	2.50
1	-307	-345	-344	-306	M	G	0.00	0.00	2.50
1	-306	-344	30	-305	M	G	0.00	0.00	2.50
1	-345	-382	-381	-344	M	G	0.00	0.00	2.50
1	-344	-381	-380	30	M	G	0.00	0.00	2.50
1	-383	-423	-422	-382	M	G	0.00	0.00	2.50
1	-382	-422	-421	-381	M	G	0.00	0.00	2.50
1	-381	-421	-420	-380	M	G	0.00	0.00	2.50
1	-423	-461	-460	-422	M	G	0.00	0.00	2.50
1	-422	-460	-459	-421	M	G	0.00	0.00	2.50
1	-421	-459	35	-420	M	G	0.00	0.00	2.50
1	-460	-498	-497	-459	M	G	0.00	0.00	2.50
1	-459	-497	-496	35	M	G	0.00	0.00	2.50
1	-498	-538	-537	-497	M	G	0.00	0.00	2.50
1	-497	-537	-536	-496	M	G	0.00	0.00	2.50
1	-538	-576	-575	-537	M	G	0.00	0.00	2.50
1	-537	-575	39	-536	M	G	0.00	0.00	2.50
1	-612	-613	-652	-651	M	G	0.00	0.00	9.00
1	-575	-576	-614	-613	M	G	0.00	0.00	9.00
1	-613	-614	-653	-652	M	G	0.00	0.00	9.00
1	-576	-577	-615	-614	M	G	0.00	0.00	9.00
1	-614	-615	-654	-653	M	G	0.00	0.00	9.00
1	-653	-691	-690	-652	M	G	0.00	0.00	9.00
1	-691	-729	-728	-690	M	G	0.00	0.00	9.00
1	-690	-728	-727	44	M	G	0.00	0.00	9.00
1	-383	-384	-424	-423	M	G	0.00	0.00	2.50

Relazione di Calcolo – Ponte Torrente Gogna

1	-423	-424	-462	-461	M	G	0.00	0.00	2.50
1	-347	-348	-385	-384	M	G	0.00	0.00	2.50
1	-384	-385	-425	-424	M	G	0.00	0.00	2.50
1	-424	-425	-463	-462	M	G	0.00	0.00	2.50
1	-309	-310	-348	-347	M	G	0.00	0.00	2.50
1	-462	-463	-501	-500	M	G	0.00	0.00	2.50
1	-539	-540	-578	-577	M	G	0.00	0.00	2.50
1	-500	-501	-541	-540	M	G	0.00	0.00	2.50
1	-540	-541	-579	-578	M	G	0.00	0.00	2.50
1	-615	-616	-655	-654	M	G	0.00	0.00	9.00
1	-578	-579	-617	-616	M	G	0.00	0.00	9.00
1	-655	-656	-694	-693	M	G	0.00	0.00	9.00
1	-693	-694	-732	-731	M	G	0.00	0.00	9.00
1	-312	-350	-349	-311	M	G	0.00	0.00	2.50
1	-311	-349	-348	-310	M	G	0.00	0.00	2.50
1	-350	-387	-386	-349	M	G	0.00	0.00	2.50
1	-388	-428	-427	-387	M	G	0.00	0.00	2.50
1	-387	-427	-426	-386	M	G	0.00	0.00	2.50
1	-386	-426	-425	-385	M	G	0.00	0.00	2.50
1	-428	36	-465	-427	M	G	0.00	0.00	2.50
1	-427	-465	-464	-426	M	G	0.00	0.00	2.50
1	-426	-464	-463	-425	M	G	0.00	0.00	2.50
1	-465	-503	-502	-464	M	G	0.00	0.00	2.50
1	-464	-502	-501	-463	M	G	0.00	0.00	2.50
1	-502	-542	-541	-501	M	G	0.00	0.00	2.50
1	-544	40	-581	-543	M	G	0.00	0.00	2.50
1	-543	-581	-580	-542	M	G	0.00	0.00	2.50
1	-542	-580	-579	-541	M	G	0.00	0.00	2.50
1	-581	-619	-618	-580	M	G	0.00	0.00	9.00
1	-580	-618	-617	-579	M	G	0.00	0.00	9.00
1	-620	-659	-658	-619	M	G	0.00	0.00	9.00
1	-618	-657	-656	-617	M	G	0.00	0.00	9.00
1	-658	-696	-695	-657	M	G	0.00	0.00	9.00
1	-657	-695	-694	-656	M	G	0.00	0.00	9.00
1	-734	-733	-695	-696	M	G	0.00	0.00	9.00
1	-733	-732	-694	-695	M	G	0.00	0.00	9.00

Elenco carichi elementi bidimensionali
Condizione di carico n. 7: Schwma 1-C_1
Carichi uniformi

Bid.	N1	N2	N3	N4	T	DC	Qx <kN/mq>	Qy <kN/mq>	Qz <kN/mq>
1	-290	29	-329	-289	M	G	0.00	0.00	2.50
1	-539	-577	-576	-538	M	G	0.00	0.00	2.50
1	34	-481	-480	-444	M	G	0.00	0.00	2.50
1	38	-597	-596	-560	M	G	0.00	0.00	9.00
1	-675	-636	42	43	M	G	0.00	0.00	9.00
1	-675	43	-712	-711	M	G	0.00	0.00	9.00
1	-296	-335	-334	-295	M	G	0.00	0.00	2.50
1	29	33	-365	-329	M	G	0.00	0.00	2.50
1	-652	-690	44	-651	M	G	0.00	0.00	9.00
1	34	-445	-482	-481	M	G	0.00	0.00	2.50
1	-566	-603	-602	-565	M	G	0.00	0.00	9.00
1	-642	-681	-680	-641	M	G	0.00	0.00	9.00
1	-681	-718	-717	-680	M	G	0.00	0.00	9.00
1	-681	-682	-719	-718	M	G	0.00	0.00	9.00
1	-642	-643	-682	-681	M	G	0.00	0.00	9.00
1	-567	-568	-605	-604	M	G	0.00	0.00	9.00
1	-488	-489	-529	-528	M	G	0.00	0.00	2.50
1	-450	-451	-488	-487	M	G	0.00	0.00	2.50
1	-335	-371	-370	-334	M	G	0.00	0.00	2.50
1	-296	-297	-336	-335	M	G	0.00	0.00	2.50
1	-305	30	-343	-304	M	G	0.00	0.00	2.50
1	-336	-337	-373	-372	M	G	0.00	0.00	2.50
1	-616	-617	-656	-655	M	G	0.00	0.00	9.00
1	35	-496	-495	-458	M	G	0.00	0.00	2.50
1	39	-612	-611	-574	M	G	0.00	0.00	9.00
1	-651	44	-689	-650	M	G	0.00	0.00	9.00
1	44	-727	-726	-689	M	G	0.00	0.00	9.00
1	-308	-346	-345	-307	M	G	0.00	0.00	2.50
1	-337	-338	-374	-373	M	G	0.00	0.00	2.50
1	-349	-386	-385	-348	M	G	0.00	0.00	2.50
1	-461	-499	-498	-460	M	G	0.00	0.00	2.50
1	39	-575	-613	-612	M	G	0.00	0.00	9.00
1	-654	-692	-691	-653	M	G	0.00	0.00	9.00
1	-692	-730	-729	-691	M	G	0.00	0.00	9.00
1	-692	-693	-731	-730	M	G	0.00	0.00	9.00
1	-577	-578	-616	-615	M	G	0.00	0.00	9.00

Relazione di Calcolo – Ponte Torrente Gogna

1	-503	-543	-542	-502	M	G	0.00	0.00	2.50
1	-461	-462	-500	-499	M	G	0.00	0.00	2.50
1	-346	-383	-382	-345	M	G	0.00	0.00	2.50
1	-308	-309	-347	-346	M	G	0.00	0.00	2.50
1	-313	31	-350	-312	M	G	0.00	0.00	2.50
1	-346	-347	-384	-383	M	G	0.00	0.00	2.50
1	-619	-658	-657	-618	M	G	0.00	0.00	9.00
1	36	-504	-503	-465	M	G	0.00	0.00	2.50
1	40	-620	-619	-581	M	G	0.00	0.00	9.00
1	-659	45	-696	-658	M	G	0.00	0.00	9.00
1	-735	-734	-696	45	M	G	0.00	0.00	9.00
1	-654	-655	-693	-692	M	G	0.00	0.00	9.00
1	31	-388	-387	-350	M	G	0.00	0.00	2.50
1	-682	-683	-720	-719	M	G	0.00	0.00	9.00
1	-643	-644	-683	-682	M	G	0.00	0.00	9.00
1	-566	-567	-604	-603	M	G	0.00	0.00	9.00
1	-487	-488	-528	-527	M	G	0.00	0.00	2.50
1	-451	-452	-489	-488	M	G	0.00	0.00	2.50
1	-335	-336	-372	-371	M	G	0.00	0.00	2.50
1	-297	-298	-337	-336	M	G	0.00	0.00	2.50
1	-481	-482	-522	-521	M	G	0.00	0.00	2.50
1	-481	-521	-520	-480	M	G	0.00	0.00	2.50
1	-496	-536	-535	-495	M	G	0.00	0.00	2.50
1	-499	-539	-538	-498	M	G	0.00	0.00	2.50
1	-499	-500	-540	-539	M	G	0.00	0.00	2.50
1	-504	-544	-543	-503	M	G	0.00	0.00	2.50
1	-680	-717	-716	-679	M	G	0.00	0.00	9.00
1	-679	-716	-715	-678	M	G	0.00	0.00	9.00
1	-678	-715	-714	-677	M	G	0.00	0.00	9.00
1	-677	-714	-713	-676	M	G	0.00	0.00	9.00
1	-676	-713	-712	43	M	G	0.00	0.00	9.00
1	-641	-680	-679	-640	M	G	0.00	0.00	9.00
1	-640	-679	-678	-639	M	G	0.00	0.00	9.00
1	-639	-678	-677	-638	M	G	0.00	0.00	9.00
1	-638	-677	-676	-637	M	G	0.00	0.00	9.00
1	-637	-676	43	42	M	G	0.00	0.00	9.00
1	-565	-602	-601	-564	M	G	0.00	0.00	9.00
1	-564	-601	-600	-563	M	G	0.00	0.00	9.00
1	-563	-600	-599	-562	M	G	0.00	0.00	9.00
1	-562	-599	-598	-561	M	G	0.00	0.00	9.00
1	-561	-598	-597	38	M	G	0.00	0.00	9.00
1	-603	-642	-641	-602	M	G	0.00	0.00	9.00
1	-602	-641	-640	-601	M	G	0.00	0.00	9.00
1	-601	-640	-639	-600	M	G	0.00	0.00	9.00
1	-600	-639	-638	-599	M	G	0.00	0.00	9.00
1	-599	-638	-637	-598	M	G	0.00	0.00	9.00
1	-598	-637	42	-597	M	G	0.00	0.00	9.00
1	-521	-522	-561	38	M	G	0.00	0.00	2.50
1	-482	-483	-523	-522	M	G	0.00	0.00	2.50
1	-522	-523	-562	-561	M	G	0.00	0.00	2.50
1	-483	-484	-524	-523	M	G	0.00	0.00	2.50
1	-523	-524	-563	-562	M	G	0.00	0.00	2.50
1	-484	-485	-525	-524	M	G	0.00	0.00	2.50
1	-524	-525	-564	-563	M	G	0.00	0.00	2.50
1	-485	-486	-526	-525	M	G	0.00	0.00	2.50
1	-525	-526	-565	-564	M	G	0.00	0.00	2.50
1	-486	-487	-527	-526	M	G	0.00	0.00	2.50
1	-526	-527	-566	-565	M	G	0.00	0.00	2.50
1	-445	-446	-483	-482	M	G	0.00	0.00	2.50
1	-446	-447	-484	-483	M	G	0.00	0.00	2.50
1	-447	-448	-485	-484	M	G	0.00	0.00	2.50
1	-448	-449	-486	-485	M	G	0.00	0.00	2.50
1	-449	-450	-487	-486	M	G	0.00	0.00	2.50
1	-334	-370	-369	-333	M	G	0.00	0.00	2.50
1	-333	-369	-368	-332	M	G	0.00	0.00	2.50
1	-332	-368	-367	-331	M	G	0.00	0.00	2.50
1	-331	-367	-366	-330	M	G	0.00	0.00	2.50
1	-330	-366	33	29	M	G	0.00	0.00	2.50
1	-371	-411	-410	-370	M	G	0.00	0.00	2.50
1	-370	-410	-409	-369	M	G	0.00	0.00	2.50
1	-369	-409	-408	-368	M	G	0.00	0.00	2.50
1	-368	-408	-407	-367	M	G	0.00	0.00	2.50
1	-367	-407	-406	-366	M	G	0.00	0.00	2.50
1	-366	-406	-405	33	M	G	0.00	0.00	2.50
1	-411	-450	-449	-410	M	G	0.00	0.00	2.50
1	-410	-449	-448	-409	M	G	0.00	0.00	2.50
1	-409	-448	-447	-408	M	G	0.00	0.00	2.50
1	-408	-447	-446	-407	M	G	0.00	0.00	2.50
1	-407	-446	-445	-406	M	G	0.00	0.00	2.50

Relazione di Calcolo – Ponte Torrente Gogna

1	-406	-445	34	-405	M	G	0.00	0.00	2.50
1	-295	-334	-333	-294	M	G	0.00	0.00	2.50
1	-294	-333	-332	-293	M	G	0.00	0.00	2.50
1	-293	-332	-331	-292	M	G	0.00	0.00	2.50
1	-292	-331	-330	-291	M	G	0.00	0.00	2.50
1	-291	-330	29	-290	M	G	0.00	0.00	2.50
1	-521	38	-560	-520	M	G	0.00	0.00	2.50
1	-688	-725	-724	-687	M	G	0.00	0.00	9.00
1	-687	-724	-723	-686	M	G	0.00	0.00	9.00
1	-649	-688	-687	-648	M	G	0.00	0.00	9.00
1	-648	-687	-686	-647	M	G	0.00	0.00	9.00
1	-686	-723	-722	-685	M	G	0.00	0.00	9.00
1	-685	-722	-721	-684	M	G	0.00	0.00	9.00
1	-684	-721	-720	-683	M	G	0.00	0.00	9.00
1	-610	-649	-648	-609	M	G	0.00	0.00	9.00
1	-609	-648	-647	-608	M	G	0.00	0.00	9.00
1	-647	-686	-685	-646	M	G	0.00	0.00	9.00
1	-646	-685	-684	-645	M	G	0.00	0.00	9.00
1	-645	-684	-683	-644	M	G	0.00	0.00	9.00
1	-534	-573	-572	-533	M	G	0.00	0.00	2.50
1	-533	-572	-571	-532	M	G	0.00	0.00	2.50
1	-571	-608	-607	-570	M	G	0.00	0.00	9.00
1	-570	-607	-606	-569	M	G	0.00	0.00	9.00
1	-569	-606	-605	-568	M	G	0.00	0.00	9.00
1	-612	-651	-650	-611	M	G	0.00	0.00	9.00
1	-573	-610	-609	-572	M	G	0.00	0.00	9.00
1	-572	-609	-608	-571	M	G	0.00	0.00	9.00
1	-608	-647	-646	-607	M	G	0.00	0.00	9.00
1	-607	-646	-645	-606	M	G	0.00	0.00	9.00
1	-606	-645	-644	-605	M	G	0.00	0.00	9.00
1	-604	-605	-644	-643	M	G	0.00	0.00	9.00
1	-603	-604	-643	-642	M	G	0.00	0.00	9.00
1	-527	-528	-567	-566	M	G	0.00	0.00	2.50
1	-528	-529	-568	-567	M	G	0.00	0.00	2.50
1	-457	-494	-493	-456	M	G	0.00	0.00	2.50
1	-456	-493	-492	-455	M	G	0.00	0.00	2.50
1	-492	-532	-531	-491	M	G	0.00	0.00	2.50
1	-491	-531	-530	-490	M	G	0.00	0.00	2.50
1	-490	-530	-529	-489	M	G	0.00	0.00	2.50
1	-536	39	-574	-535	M	G	0.00	0.00	2.50
1	-494	-534	-533	-493	M	G	0.00	0.00	2.50
1	-493	-533	-532	-492	M	G	0.00	0.00	2.50
1	-532	-571	-570	-531	M	G	0.00	0.00	2.50
1	-531	-570	-569	-530	M	G	0.00	0.00	2.50
1	-530	-569	-568	-529	M	G	0.00	0.00	2.50
1	-371	-372	-412	-411	M	G	0.00	0.00	2.50
1	-411	-412	-451	-450	M	G	0.00	0.00	2.50
1	-372	-373	-413	-412	M	G	0.00	0.00	2.50
1	-412	-413	-452	-451	M	G	0.00	0.00	2.50
1	-416	-417	-456	-455	M	G	0.00	0.00	2.50
1	-417	-418	-457	-456	M	G	0.00	0.00	2.50
1	-455	-492	-491	-454	M	G	0.00	0.00	2.50
1	-454	-491	-490	-453	M	G	0.00	0.00	2.50
1	-453	-490	-489	-452	M	G	0.00	0.00	2.50
1	-373	-374	-414	-413	M	G	0.00	0.00	2.50
1	-413	-414	-453	-452	M	G	0.00	0.00	2.50
1	-338	-339	-375	-374	M	G	0.00	0.00	2.50
1	-374	-375	-415	-414	M	G	0.00	0.00	2.50
1	-414	-415	-454	-453	M	G	0.00	0.00	2.50
1	-339	-340	-376	-375	M	G	0.00	0.00	2.50
1	-375	-376	-416	-415	M	G	0.00	0.00	2.50
1	-415	-416	-455	-454	M	G	0.00	0.00	2.50
1	-303	-342	-341	-302	M	G	0.00	0.00	2.50
1	-340	-341	-377	-376	M	G	0.00	0.00	2.50
1	-376	-377	-417	-416	M	G	0.00	0.00	2.50
1	-302	-341	-340	-301	M	G	0.00	0.00	2.50
1	-341	-342	-378	-377	M	G	0.00	0.00	2.50
1	-377	-378	-418	-417	M	G	0.00	0.00	2.50
1	-342	-343	-379	-378	M	G	0.00	0.00	2.50
1	-378	-379	-419	-418	M	G	0.00	0.00	2.50
1	-418	-419	-458	-457	M	G	0.00	0.00	2.50
1	-301	-340	-339	-300	M	G	0.00	0.00	2.50
1	-300	-339	-338	-299	M	G	0.00	0.00	2.50
1	-299	-338	-337	-298	M	G	0.00	0.00	2.50
1	33	-405	-404	-365	M	G	0.00	0.00	2.50
1	-405	34	-444	-404	M	G	0.00	0.00	2.50
1	-597	42	-636	-596	M	G	0.00	0.00	9.00
1	-307	-345	-344	-306	M	G	0.00	0.00	2.50
1	-306	-344	30	-305	M	G	0.00	0.00	2.50

Relazione di Calcolo – Ponte Torrente Gogna

1	-345	-382	-381	-344	M	G	0.00	0.00	2.50
1	-344	-381	-380	30	M	G	0.00	0.00	2.50
1	-383	-423	-422	-382	M	G	0.00	0.00	2.50
1	-382	-422	-421	-381	M	G	0.00	0.00	2.50
1	-381	-421	-420	-380	M	G	0.00	0.00	2.50
1	-423	-461	-460	-422	M	G	0.00	0.00	2.50
1	-422	-460	-459	-421	M	G	0.00	0.00	2.50
1	-421	-459	35	-420	M	G	0.00	0.00	2.50
1	-460	-498	-497	-459	M	G	0.00	0.00	2.50
1	-459	-497	-496	35	M	G	0.00	0.00	2.50
1	-498	-538	-537	-497	M	G	0.00	0.00	2.50
1	-497	-537	-536	-496	M	G	0.00	0.00	2.50
1	-538	-576	-575	-537	M	G	0.00	0.00	2.50
1	-537	-575	39	-536	M	G	0.00	0.00	2.50
1	-612	-613	-652	-651	M	G	0.00	0.00	9.00
1	-575	-576	-614	-613	M	G	0.00	0.00	9.00
1	-613	-614	-653	-652	M	G	0.00	0.00	9.00
1	-576	-577	-615	-614	M	G	0.00	0.00	9.00
1	-614	-615	-654	-653	M	G	0.00	0.00	9.00
1	-653	-691	-690	-652	M	G	0.00	0.00	9.00
1	-691	-729	-728	-690	M	G	0.00	0.00	9.00
1	-690	-728	-727	44	M	G	0.00	0.00	9.00
1	-383	-384	-424	-423	M	G	0.00	0.00	2.50
1	-423	-424	-462	-461	M	G	0.00	0.00	2.50
1	-347	-348	-385	-384	M	G	0.00	0.00	2.50
1	-384	-385	-425	-424	M	G	0.00	0.00	2.50
1	-424	-425	-463	-462	M	G	0.00	0.00	2.50
1	-309	-310	-348	-347	M	G	0.00	0.00	2.50
1	-462	-463	-501	-500	M	G	0.00	0.00	2.50
1	-539	-540	-578	-577	M	G	0.00	0.00	2.50
1	-500	-501	-541	-540	M	G	0.00	0.00	2.50
1	-540	-541	-579	-578	M	G	0.00	0.00	2.50
1	-615	-616	-655	-654	M	G	0.00	0.00	9.00
1	-578	-579	-617	-616	M	G	0.00	0.00	9.00
1	-655	-656	-694	-693	M	G	0.00	0.00	9.00
1	-693	-694	-732	-731	M	G	0.00	0.00	9.00
1	-312	-350	-349	-311	M	G	0.00	0.00	2.50
1	-311	-349	-348	-310	M	G	0.00	0.00	2.50
1	-350	-387	-386	-349	M	G	0.00	0.00	2.50
1	-388	-428	-427	-387	M	G	0.00	0.00	2.50
1	-387	-427	-426	-386	M	G	0.00	0.00	2.50
1	-386	-426	-425	-385	M	G	0.00	0.00	2.50
1	-428	36	-465	-427	M	G	0.00	0.00	2.50
1	-427	-465	-464	-426	M	G	0.00	0.00	2.50
1	-426	-464	-463	-425	M	G	0.00	0.00	2.50
1	-465	-503	-502	-464	M	G	0.00	0.00	2.50
1	-464	-502	-501	-463	M	G	0.00	0.00	2.50
1	-502	-542	-541	-501	M	G	0.00	0.00	2.50
1	-544	40	-581	-543	M	G	0.00	0.00	2.50
1	-543	-581	-580	-542	M	G	0.00	0.00	2.50
1	-542	-580	-579	-541	M	G	0.00	0.00	2.50
1	-581	-619	-618	-580	M	G	0.00	0.00	9.00
1	-580	-618	-617	-579	M	G	0.00	0.00	9.00
1	-620	-659	-658	-619	M	G	0.00	0.00	9.00
1	-343	30	-380	-379	M	G	0.00	0.00	2.50
1	-618	-657	-656	-617	M	G	0.00	0.00	9.00
1	-658	-696	-695	-657	M	G	0.00	0.00	9.00
1	-657	-695	-694	-656	M	G	0.00	0.00	9.00
1	-734	-733	-695	-696	M	G	0.00	0.00	9.00
1	-733	-732	-694	-695	M	G	0.00	0.00	9.00
1	-689	-726	-725	-688	M	G	0.00	0.00	9.00
1	-611	-650	-649	-610	M	G	0.00	0.00	9.00
1	-419	-420	35	-458	M	G	0.00	0.00	2.50
1	-304	-343	-342	-303	M	G	0.00	0.00	2.50
1	-458	-495	-494	-457	M	G	0.00	0.00	2.50
1	-495	-535	-534	-494	M	G	0.00	0.00	2.50
1	-379	-380	-420	-419	M	G	0.00	0.00	2.50
1	-535	-574	-573	-534	M	G	0.00	0.00	2.50
1	-650	-689	-688	-649	M	G	0.00	0.00	9.00
1	-574	-611	-610	-573	M	G	0.00	0.00	9.00

Elenco carichi elementi bidimensionali

Condizione di carico n. 8: Schema 5

Carichi uniformi

Bid.	N1	N2	N3	N4	T	DC	Qx <kN/mq>	Qy <kN/mq>	Qz <kN/mq>
1	-251	27	-290	-289	M	G	0.00	0.00	5.00
1	-711	-712	-752	-751	M	G	0.00	0.00	5.00

Relazione di Calcolo – Ponte Torrente Gogna

1	27	-252	-291	-290	M	G	0.00	0.00	5.00
1	-718	-758	-757	-717	M	G	0.00	0.00	5.00
1	-718	-719	-759	-758	M	G	0.00	0.00	5.00
1	-257	-258	-297	-296	M	G	0.00	0.00	5.00
1	-259	-260	-299	-298	M	G	0.00	0.00	5.00
1	-727	-767	-766	-726	M	G	0.00	0.00	5.00
1	-266	-267	-306	-305	M	G	0.00	0.00	5.00
1	-730	-770	-769	-729	M	G	0.00	0.00	5.00
1	-730	-731	-771	-770	M	G	0.00	0.00	5.00
1	-269	-270	-309	-308	M	G	0.00	0.00	5.00
1	-271	-272	-311	-310	M	G	0.00	0.00	5.00
1	-735	-775	-774	-734	M	G	0.00	0.00	5.00
1	-735	-736	-776	-775	M	G	0.00	0.00	5.00
1	-739	-740	-780	-779	M	G	0.00	0.00	5.00
1	-274	-275	-314	-313	M	G	0.00	0.00	5.00
1	-750	-790	-789	-749	M	G	0.00	0.00	5.00
1	-783	-743	-744	-784	M	G	0.00	0.00	5.00
1	-280	-281	-320	-319	M	G	0.00	0.00	5.00
1	-282	-283	-322	-321	M	G	0.00	0.00	5.00
1	28	-288	-328	-327	M	G	0.00	0.00	5.00
1	-743	-783	-782	-742	M	G	0.00	0.00	5.00
1	-719	-720	-760	-759	M	G	0.00	0.00	5.00
1	-258	-259	-298	-297	M	G	0.00	0.00	5.00
1	-275	-276	-315	-314	M	G	0.00	0.00	5.00
1	-276	-277	-316	-315	M	G	0.00	0.00	5.00
1	-277	-278	-317	-316	M	G	0.00	0.00	5.00
1	-278	-279	-318	-317	M	G	0.00	0.00	5.00
1	-279	-280	-319	-318	M	G	0.00	0.00	5.00
1	-742	-782	-781	-741	M	G	0.00	0.00	5.00
1	-281	-282	-321	-320	M	G	0.00	0.00	5.00
1	-784	-744	-745	-785	M	G	0.00	0.00	5.00
1	-785	-745	-746	-786	M	G	0.00	0.00	5.00
1	-786	-746	-747	-787	M	G	0.00	0.00	5.00
1	-787	-747	-748	-788	M	G	0.00	0.00	5.00
1	-788	-748	-749	-789	M	G	0.00	0.00	5.00
1	-717	-757	-756	-716	M	G	0.00	0.00	5.00
1	-716	-756	-755	-715	M	G	0.00	0.00	5.00
1	-715	-755	-754	-714	M	G	0.00	0.00	5.00
1	-714	-754	-753	-713	M	G	0.00	0.00	5.00
1	-713	-753	-752	-712	M	G	0.00	0.00	5.00
1	-252	-253	-292	-291	M	G	0.00	0.00	5.00
1	-253	-254	-293	-292	M	G	0.00	0.00	5.00
1	-254	-255	-294	-293	M	G	0.00	0.00	5.00
1	-255	-256	-295	-294	M	G	0.00	0.00	5.00
1	-256	-257	-296	-295	M	G	0.00	0.00	5.00
1	-723	-763	-762	-722	M	G	0.00	0.00	5.00
1	-722	-762	-761	-721	M	G	0.00	0.00	5.00
1	-721	-761	-760	-720	M	G	0.00	0.00	5.00
1	-262	-263	-302	-301	M	G	0.00	0.00	5.00
1	-263	-264	-303	-302	M	G	0.00	0.00	5.00
1	-260	-261	-300	-299	M	G	0.00	0.00	5.00
1	-261	-262	-301	-300	M	G	0.00	0.00	5.00
1	-725	-765	-764	-724	M	G	0.00	0.00	5.00
1	-724	-764	-763	-723	M	G	0.00	0.00	5.00
1	-264	-265	-304	-303	M	G	0.00	0.00	5.00
1	-267	-268	-307	-306	M	G	0.00	0.00	5.00
1	-268	-269	-308	-307	M	G	0.00	0.00	5.00
1	-729	-769	-768	-728	M	G	0.00	0.00	5.00
1	-728	-768	-767	-727	M	G	0.00	0.00	5.00
1	-270	-271	-310	-309	M	G	0.00	0.00	5.00
1	-286	-287	-326	-325	M	G	0.00	0.00	5.00
1	-731	-732	-772	-771	M	G	0.00	0.00	5.00
1	-272	-273	-312	-311	M	G	0.00	0.00	5.00
1	-273	-274	-313	-312	M	G	0.00	0.00	5.00
1	-734	-774	-773	-733	M	G	0.00	0.00	5.00
1	-733	-773	-772	-732	M	G	0.00	0.00	5.00
1	-736	-737	-777	-776	M	G	0.00	0.00	5.00
1	-737	-738	-778	-777	M	G	0.00	0.00	5.00
1	-738	-739	-779	-778	M	G	0.00	0.00	5.00
1	-740	-741	-781	-780	M	G	0.00	0.00	5.00
1	-726	-766	-765	-725	M	G	0.00	0.00	5.00
1	-265	-266	-305	-304	M	G	0.00	0.00	5.00
1	-283	-284	-323	-322	M	G	0.00	0.00	5.00
1	-284	-285	-324	-323	M	G	0.00	0.00	5.00
1	-285	-286	-325	-324	M	G	0.00	0.00	5.00
1	-287	28	-327	-326	M	G	0.00	0.00	5.00

Risultati del calcolo

Parametri di calcolo

La modellazione della struttura e la rielaborazione dei risultati del calcolo sono stati effettuati con: ModeSt ver. 7.25, prodotto da Tecnisoft s.a.s. - Prato

La struttura è stata calcolata utilizzando come solutore agli elementi finiti: SAP2000 ver. 100.0, prodotto da Computers & Structures Inc. - Berkeley, CA

Tipo di normativa: stati limite D.M. 08

Tipo di calcolo: analisi sismica dinamica

Schematizzazione piani rigidi: nessun impalcato rigido

Modalità di recupero masse secondarie: mantenere sul nodo masse e forze relative

Generazione combinazioni

- Lineari: si
- Valuta spostamenti e non sollecitazioni: no
- Buckling: no

Opzioni di calcolo

- Sono state considerate infinitamente rigide le zone di connessione fra travi, pilastri ed elementi bidimensionali con una riduzione del 20%
- Calcolo con offset rigidi dai nodi: no
- Uniformare i carichi variabili: no
- Massimizzare i carichi variabili: no
- Minimo carico da considerare: 0.00 <kN/m>
- Recupero carichi zone rigide: taglio e momento flettente
- Modalità di combinazione momento torcente: disaccoppiare le azioni

Opzioni del solutore

- Chiudere SAP2000 al termine del calcolo: Sì
- Lunghezza max elementi trave su suolo elastico: Sì
- Numero min. di conci per trave su suolo elastico: Commento
- Usare bidimensionali con deformabilità a taglio: Sì
- Intervento manuale in SAP2000: No
- Esegui Buckling sempre sul carico totale: No
- Tipo di non linearità geometrica: Effetto P-Delta

Dati struttura

- Zona sismica: zona 1
- Sito di costruzione: Guarenna nuova LON. 14.37080 LAT. 42.13080
- Contenuto tra ID reticolo: 27430 27431 27652 27653

Simbologia

TCC	=	Tipo di combinazione di carico
SLU	=	Stato limite ultimo
SLU S	=	Stato limite ultimo (azione sismica)
SLE R	=	Stato limite d'esercizio, combinazione rara
SLE F	=	Stato limite d'esercizio, combinazione frequente
SLE Q	=	Stato limite d'esercizio, combinazione quasi permanente
SLD	=	Stato limite di danno
SLV	=	Stato limite di salvaguardia della vita
SLC	=	Stato limite di prevenzione del collasso
SLO	=	Stato limite di operatività
T _R	=	Periodo di ritorno
Ag	=	Accelerazione orizzontale massima al sito
FO	=	Valore massimo del fattore di amplificazione dello spettro in accelerazione orizzontale
TC*	=	Periodo di inizio del tratto a velocità costante dello spettro in accelerazione orizzontale

TCC	T _R	Ag	FO	TC*
SLV	712	0.1541	2.53	0.42

- Tipo di opera: Opera ordinaria
- Vita nominale V_N: 50.00
- Classe d'uso: Classe III
- SL Esercizio: SLO-Pvr no, SLD-Pvr no
- SL Ultimi: SLV-Pvr 10.00, SLC-Pvr no
- Classe di duttilità: Classe B
- Quota di riferimento: 0.00 <m>
- Altezza della struttura: 5.70 <m>
- Numero piani edificio: 0
- Coefficiente 0: 0
- Edificio regolare in altezza: si
- Edificio regolare in pianta: si
- Forze orizzontali convenzionali per stati limite non sismici: no

Dati di calcolo

- Categoria del suolo di fondazione: C
- Tipologia edificio: c.a. a pendolo inverso

Coeff. C_1	0.05
Periodo T_1	0.18445
Coeff. λ SLV	1.00
Rapporto di sovrarresistenza (α_u/α_1)	--
Valore di riferimento del fattore di struttura (q_0)	1.50
Fattore riduttivo (K_w)	1.00
Fattore di struttura (q)	1.50

- Categoria topografica: T1 - Superficie pianeggiante, pendii e rilievi isolati con inclinazione media $i \leq 15^\circ$
- Coeff. amplificazione topografica: 1.00
- Fattore di struttura per sisma verticale (q_v): 1.50
- Modi da calcolare: 50
- Modi da considerare: tali da movimentare una percentuale di massa pari a 85.00%
- Smorzamento spettro: 5.00

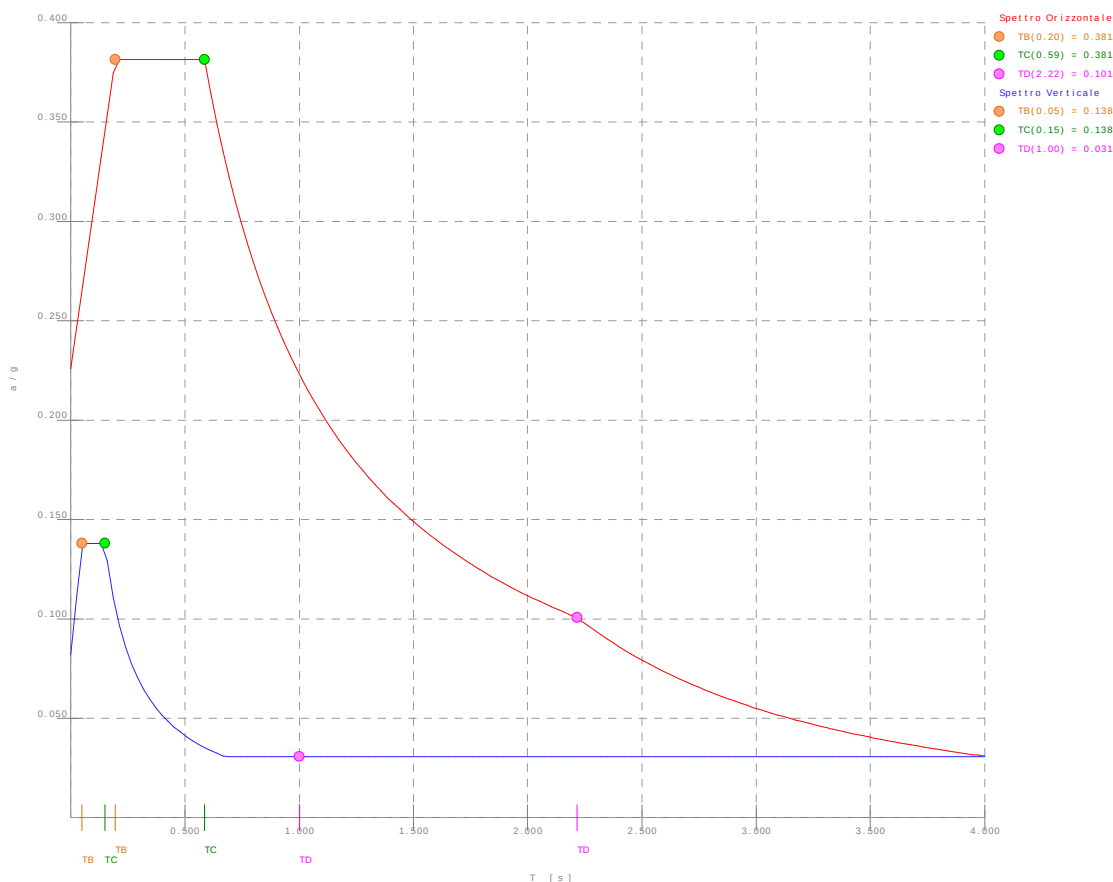


Figura numero 2: Spettro allo SLV

- Angolo di ingresso del sisma: 0.00 <grad>

Condizioni di carico elementari

Simbologia

CCE	= Numero della condizione di carico elementare
Comm.	= Commento
Mx	= Moltiplicatore della massa in dir. X
My	= Moltiplicatore della massa in dir. Y
Mz	= Moltiplicatore della massa in dir. Z
Jpx	= Moltiplicatore del momento d'inerzia intorno all'asse X
Jpy	= Moltiplicatore del momento d'inerzia intorno all'asse Y
Jpz	= Moltiplicatore del momento d'inerzia intorno all'asse Z
Tipo CCE	= Tipo di CCE per calcolo agli stati limite
Sicurezza	= Contributo alla sicurezza
	F = a favore
	S = a sfavore
	A = ambigua

Relazione di Calcolo – Ponte Torrente Gogna

Variabilità	=	Tipo di variabilità
		B = di base
		I = indipendente
		A = ambigua

Condizioni di carico elementari

CCE	Comm.	Mx	My	Mz	Jpx	Jpy	Jpz	Tipo CCE	Sicurezza	Variabilità
1	Permanenti	1.00	1.00	1.00	0.00	0.00	1.00	21S		--
2	Peranenti non strutturali	1.00	1.00	1.00	0.00	0.00	1.00	2A		--
3	Schema 1-A	0.00	0.00	0.00	0.00	0.00	0.00	19S		B
4	Schema 1-B	0.00	0.00	0.00	0.00	0.00	0.00	19S		B
5	Schema 1-C	0.00	0.00	0.00	0.00	0.00	0.00	19S		B
6	Schema 1-D	0.00	0.00	0.00	0.00	0.00	0.00	19S		B
7	Schwma 1-C.1	0.00	0.00	0.00	0.00	0.00	0.00	19S		B
8	Schema 5	0.00	0.00	0.00	0.00	0.00	0.00	20S		B

Combinazioni delle cce

Simbologia

CC	=	Numero della combinazione delle condizioni di carico elementari
Comm.	=	Commento
TCC	=	Tipo di combinazione di carico
		SLU = Stato limite ultimo
		SLU S = Stato limite ultimo (azione sismica)
		SLE R = Stato limite d'esercizio, combinazione rara
		SLE F = Stato limite d'esercizio, combinazione frequente
		SLE Q = Stato limite d'esercizio, combinazione quasi permanente
		SLD = Stato limite di danno
		SLV = Stato limite di salvaguardia della vita
		SLC = Stato limite di prevenzione del collasso
		SLO = Stato limite di operatività
An.	=	Tipo di analisi
		L = Lineare
		NL = Non lineare
Bk	=	Buckling
		S = Si
		N = No

CC	Comm.	TCC	An.	Bk	1	2	3	4	5	6	7	8	±S X	±S Y	±S Z
1	CC 1 - Amb. 1 (SLU S) S +X+0.3Y+0.3Z	SLV	L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.30	0.30
2	CC 2 - Amb. 1 (SLU S) S +X+0.3Y-0.3Z	SLV	L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.30	-0.30
3	CC 3 - Amb. 1 (SLU S) S +X-0.3Y+0.3Z	SLV	L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	-0.30	0.30
4	CC 4 - Amb. 1 (SLU S) S +X-0.3Y-0.3Z	SLV	L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	-0.30	-0.30
5	CC 5 - Amb. 1 (SLU S) S +0.3X+Y+0.3Z	SLV	L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.30	1.00	0.30
6	CC 6 - Amb. 1 (SLU S) S +0.3X+Y-0.3Z	SLV	L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.30	1.00	-0.30
7	CC 7 - Amb. 1 (SLU S) S -0.3X+Y+0.3Z	SLV	L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.30	1.00	0.30
8	CC 8 - Amb. 1 (SLU S) S -0.3X+Y-0.3Z	SLV	L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.30	1.00	-0.30
9	CC 9 - Amb. 1 (SLU S) S +0.3X+0.3Y+Z	SLV	L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.30	0.30	1.00
10	CC 10 - Amb. 1 (SLU S) S +0.3X-0.3Y+Z	SLV	L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.30	-0.30	1.00
11	CC 11 - Amb. 1 (SLU S) S -0.3X+0.3Y+Z	SLV	L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.30	0.30	1.00
12	CC 12 - Amb. 1 (SLU S) S -0.3X-0.3Y+Z	SLV	L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.30	-0.30	1.00
13	CC 13 - Amb. 2 (SLU)	SLU	L	N	1.35	1.50	1.35	0.00	0.00	0.00	0.00	1.35	0.00	0.00	0.00
14	CC 14 - Amb. 2 (SLU)	SLU	L	N	1.35	0.00	1.35	0.00	0.00	0.00	0.00	1.35	0.00	0.00	0.00
15	CC 15 - Amb. 2 (SLE R)	SLE R	L	N	1.00	1.00	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00
16	CC 16 - Amb. 2 (SLE F)	SLE F	L	N	1.00	1.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17	CC 17 - Amb. 2 (SLE Q)	SLE Q	L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
18	CC 18 - Amb. 3 (SLU)	SLU	L	N	1.35	1.50	0.00	1.35	0.00	0.00	0.00	1.35	0.00	0.00	0.00
19	CC 19 - Amb. 3 (SLU)	SLU	L	N	1.35	0.00	0.00	1.35	0.00	0.00	0.00	1.35	0.00	0.00	0.00
20	CC 20 - Amb. 3 (SLE R)	SLE R	L	N	1.00	1.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00
21	CC 21 - Amb. 3 (SLE F)	SLE F	L	N	1.00	1.00	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22	CC 22 - Amb. 3 (SLE Q)	SLE Q	L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
23	CC 23 - Amb. 4 (SLU)	SLU	L	N	1.35	1.50	0.00	0.00	1.35	0.00	0.00	1.35	0.00	0.00	0.00
24	CC 24 - Amb. 4 (SLU)	SLU	L	N	1.35	0.00	0.00	0.00	1.35	0.00	0.00	1.35	0.00	0.00	0.00
25	CC 25 - Amb. 4 (SLE R)	SLE R	L	N	1.00	1.00	0.00	0.00	1.00	0.00	0.00	1.00	0.00	0.00	0.00
26	CC 26 - Amb. 4 (SLE F)	SLE F	L	N	1.00	1.00	0.00	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00
27	CC 27 - Amb. 4 (SLE Q)	SLE Q	L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28	CC 28 - Amb. 5 (SLU)	SLU	L	N	1.35	1.50	0.00	0.00	0.00	1.35	0.00	1.35	0.00	0.00	0.00
29	CC 29 - Amb. 5 (SLU)	SLU	L	N	1.35	0.00	0.00	0.00	0.00	1.35	0.00	1.35	0.00	0.00	0.00
30	CC 30 - Amb. 5 (SLE R)	SLE R	L	N	1.00	1.00	0.00	0.00	0.00	1.00	0.00	1.00	0.00	0.00	0.00
31	CC 31 - Amb. 5 (SLE F)	SLE F	L	N	1.00	1.00	0.00	0.00	0.00	0.75	0.00	0.00	0.00	0.00	0.00
32	CC 32 - Amb. 5 (SLE Q)	SLE Q	L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
33	CC 33 - Amb. 6 (SLU)	SLU	L	N	1.35	1.50	0.00	0.00	0.00	0.00	1.35	1.35	0.00	0.00	0.00
34	CC 34 - Amb. 6 (SLU)	SLU	L	N	1.35	0.00	0.00	0.00	0.00	0.00	1.35	1.35	0.00	0.00	0.00
35	CC 35 - Amb. 6 (SLE R)	SLE R	L	N	1.00	1.00	0.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00
36	CC 36 - Amb. 6 (SLE F)	SLE F	L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.75	0.00	0.00	0.00	0.00
37	CC 37 - Amb. 6 (SLE Q)	SLE Q	L	N	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Elenco masse nodi

Simbologia

Nodo	=	Numero del nodo
Mo	=	Massa orizzontale
Mz	=	Massa in dir. Z

Nodo	Mo	Mz	Nodo	Mo	Mz	Nodo	Mo	Mz	Nodo	Mo	Mz	Nodo	Mo	Mz
	<KG>	<KG>		<KG>	<KG>		<KG>	<KG>		<KG>	<KG>		<KG>	<KG>

Relazione di Calcolo – Ponte Torrente Gogna

-790	30.76	30.76	-789	89.59	89.59	-788	117.65	117.65	-787	117.65	117.65	-786	117.65	117.65
-785	117.65	117.65	-784	130.60	130.60	-783	110.63	110.63	-782	77.71	77.71	-781	110.63	110.63
-780	130.60	130.60	-779	117.65	117.65	-778	117.65	117.65	-777	117.65	117.65	-776	117.65	117.65
-775	132.76	132.76	-774	139.24	139.24	-773	147.87	147.87	-772	121.43	121.43	-771	77.71	77.71
-770	121.43	121.43	-769	182.95	182.95	-768	139.24	139.24	-767	42.10	42.10	-766	38.86	38.86
-765	77.71	77.71	-764	137.62	137.62	-763	154.35	154.35	-762	117.65	117.65	-761	130.60	130.60
-760	110.64	110.64	-759	77.71	77.71	-758	99.84	99.84	-757	121.97	121.97	-756	121.97	121.97
-755	121.97	121.97	-754	135.68	135.68	-753	121.97	121.97	-752	78.04	78.04	-751	30.76	30.76
-750	40.29	40.29	-749	117.35	117.35	-748	154.11	154.11	-747	154.11	154.11	-746	154.11	154.11
-745	154.11	154.11	-744	171.07	171.07	-743	144.92	144.92	-742	101.80	101.80	-741	144.92	144.92
-740	171.07	171.07	-739	154.11	154.11	-738	154.11	154.11	-737	154.11	154.11	-736	154.11	154.11
-735	173.90	173.90	-734	182.39	182.39	-733	193.70	193.70	-732	159.06	159.06	-731	101.80	101.80
-730	159.06	159.06	-729	239.65	239.65	-728	182.39	182.39	-727	55.14	55.14	-726	50.90	50.90
-725	101.80	101.80	-724	180.26	180.26	-723	202.18	202.18	-722	154.11	154.11	-721	171.07	171.07
-720	144.92	144.92	-719	101.80	101.80	-718	130.78	130.78	-717	159.76	159.76	-716	159.76	159.76
-715	159.76	159.76	-714	177.72	177.72	-713	159.76	159.76	-712	102.22	102.22	-711	40.29	40.29
-710	28.60	28.60	-709	109.38	109.38	-708	109.38	109.38	-707	109.38	109.38	-706	109.38	109.38
-705	121.42	121.42	-704	102.85	102.85	-703	72.25	72.25	-702	102.85	102.85	-701	121.42	121.42
-700	109.38	109.38	-699	109.38	109.38	-698	109.38	109.38	-697	109.38	109.38	-696	129.44	129.44
-695	137.47	137.47	-694	112.89	112.89	-693	72.25	72.25	-692	112.89	112.89	-691	170.08	170.08
-690	129.44	129.44	-689	36.12	36.12	-688	72.25	72.25	-687	127.94	127.94	-686	143.49	143.49
-685	109.38	109.38	-684	121.42	121.42	-683	102.85	102.85	-682	72.25	72.25	-681	92.82	92.82
-680	113.39	113.39	-679	113.39	113.39	-678	113.39	113.39	-677	126.13	126.13	-676	113.39	113.39
-675	28.60	28.60	-674	38.13	38.13	-673	111.05	111.05	-672	145.83	145.83	-671	145.83	145.83
-670	145.83	145.83	-669	145.83	145.83	-668	161.89	161.89	-667	137.14	137.14	-666	96.33	96.33
-665	137.14	137.14	-664	161.89	161.89	-663	145.83	145.83	-662	145.83	145.83	-661	145.83	145.83
-660	145.83	145.83	-659	164.56	164.56	-658	172.59	172.59	-657	183.29	183.29	-656	150.52	150.52
-655	96.33	96.33	-654	150.52	150.52	-653	226.78	226.78	-652	172.59	172.59	-651	52.18	52.18
-650	48.17	48.17	-649	96.33	96.33	-648	170.59	170.59	-647	191.32	191.32	-646	145.83	145.83
-645	161.89	161.89	-644	137.14	137.14	-643	96.33	96.33	-642	123.76	123.76	-641	151.19	151.19
-640	151.19	151.19	-639	151.19	151.19	-638	168.18	168.18	-637	151.19	151.19	-636	38.13	38.13
-635	28.60	28.60	-634	83.29	83.29	-633	109.38	109.38	-632	109.38	109.38	-631	109.38	109.38
-630	109.38	109.38	-629	121.42	121.42	-628	102.85	102.85	-627	72.25	72.25	-626	102.85	102.85
-625	121.42	121.42	-624	109.38	109.38	-623	109.38	109.38	-622	109.38	109.38	-621	109.38	109.38
-620	123.42	123.42	-619	129.44	129.44	-618	137.47	137.47	-617	112.89	112.89	-616	72.25	72.25
-615	112.89	112.89	-614	170.08	170.08	-613	129.44	129.44	-612	39.13	39.13	-611	36.12	36.12
-610	72.25	72.25	-609	127.94	127.94	-608	143.49	143.49	-607	109.38	109.38	-606	121.42	121.42
-605	102.85	102.85	-604	72.25	72.25	-603	92.82	92.82	-602	113.39	113.39	-601	113.39	113.39
-600	113.39	113.39	-599	126.13	126.13	-598	113.39	113.39	-597	72.55	72.55	-596	28.60	28.60
-595	19.07	19.07	-594	72.92	72.92	-593	72.92	72.92	-592	72.92	72.92	-591	72.92	72.92
-590	79.61	79.61	-589	68.57	68.57	-588	50.84	50.84	-587	68.57	68.57	-586	79.61	79.61
-585	72.92	72.92	-584	72.92	72.92	-583	72.92	72.92	-582	72.92	72.92	-581	86.30	86.30
-580	90.53	90.53	-579	75.26	75.26	-578	50.84	50.84	-577	75.26	75.26	-576	110.71	110.71
-575	86.30	86.30	-574	25.42	25.42	-573	50.84	50.84	-572	83.95	83.95	-571	92.99	92.99
-570	72.92	72.92	-569	79.61	79.61	-568	68.57	68.57	-567	50.84	50.84	-566	61.88	61.88
-565	74.25	74.25	-564	75.59	75.59	-563	75.59	75.59	-562	81.41	81.41	-561	75.59	75.59
-560	19.07	19.07	-559	28.60	28.60	-558	83.29	83.29	-557	109.38	109.38	-556	109.38	109.38
-555	109.38	109.38	-554	109.38	109.38	-553	110.71	110.71	-552	102.85	102.85	-551	93.65	93.65
-550	102.85	102.85	-549	110.71	110.71	-548	109.38	109.38	-547	109.38	109.38	-546	109.38	109.38
-545	109.38	109.38	-544	121.19	121.19	-543	129.44	129.44	-542	129.00	129.00	-541	112.89	112.89
-540	93.65	93.65	-539	112.89	112.89	-538	148.68	148.68	-537	129.44	129.44	-536	49.84	49.84
-535	46.83	46.83	-534	93.65	93.65	-533	117.24	117.24	-532	122.08	122.08	-531	109.38	109.38
-530	110.71	110.71	-529	102.85	102.85	-528	93.65	93.65	-527	92.82	92.82	-526	102.69	102.69
-525	113.39	113.39	-524	113.39	113.39	-523	104.73	104.73	-522	113.39	113.39	-521	93.96	93.96
-520	28.60	28.60	-519	38.13	38.13	-518	111.05	111.05	-517	145.83	145.83	-516	145.83	145.83
-515	145.83	145.83	-514	145.83	145.83	-513	145.83	145.83	-512	137.14	137.14	-511	128.44	128.44
-510	137.14	137.14	-509	145.83	145.83	-508	145.83	145.83	-507	145.83	145.83	-506	145.83	145.83
-505	145.83	145.83	-504	159.66	159.66	-503	172.59	172.59	-502	172.15	172.15	-501	150.52	150.52
-500	128.44	128.44	-499	150.52	150.52	-498	194.67	194.67	-497	172.59	172.59	-496	68.23	68.23
-495	64.22	64.22	-494	128.44	128.44	-493	154.53	154.53	-492	159.21	159.21	-491	145.83	145.83
-490	145.83	145.83	-489	137.14	137.14	-488	128.44	128.44	-487	123.76	123.76	-486	135.13	135.13
-485	151.19	151.19	-484	151.19	151.19	-483	136.07	136.07	-482	151.19	151.19	-481	128.84	128.84
-480	38.13	38.13	-479	28.60	28.60	-478	109.38	109.38	-477	109.38	109.38	-476	109.38	109.38
-475	109.38	109.38	-474	109.38	109.38	-473	102.85	102.85	-472	96.33	96.33	-471	102.85	102.85
-470	109.38	109.38	-469	109.38	109.38	-468	109.38	109.38	-467	109.38	109.38	-466	109.38	109.38
-465	129.44	129.44	-464	129.44	129.44	-463	112.89	112.89	-462	96.33	96.33	-461	112.89	112.89
-460	146.00	146.00	-459	129.44	129.44	-458	48.17	48.17	-457	96.33	96.33	-456	115.90	115.90
-455	119.41	119.41	-454	109.38	109.38	-453	109.38	109.38	-452	102.85	102.85	-451	96.33	96.33
-450	92.82	92.82	-449	101.35	101.35	-448	113.39	113.39	-447	113.39	113.39	-446	102.05	102.05
-445	113.39	113.39	-444	28.60	28.60	-443	31.78	31.78	-442	92.54	92.54	-441	121.53	121.53
-440	121.53	121.53	-439	121.53	121.53	-438	121.53	121.53	-437	121.53	121.53	-436	114.28	114.28
-435	107.03	107.03	-434	114.28	114.28	-433	121.53	121.53	-432	121.53	121.53	-431	121.53	121.53
-430	121.53	121.53	-429	121.53	121.53	-428	132.68	132.68	-427	143.83	143.83	-426	143.83	143.83
-425	125.43	125.43	-424	107.03	107.03	-423	125.43	125.43	-422	162.22	162.22	-421	143.83	143.83
-420	56.86	56.86	-419	53.52	53.52	-418	107.03	107.03	-417	128.78	128.78	-416	132.68	132.68
-415	121.53	121.53	-414	121.53	121.53	-413	114.28	114.28	-412	107.03	107.03	-411	103.13	103.13
-410	112.61	112.61	-409	125.99	125.99	-408	125.99	125.99	-407	113.39	113.39	-406	125.99	125.99
-405	107.37	107.37	-404	31.78	31.78	-403	38.13	38.13	-402	111.05	111.05	-401	145.83	145.83
-400	145.83	145.83	-399	145.83	145.83	-398	145.83	145.83	-397	145.83	145.83	-396	137.14	137.14

Relazione di Calcolo – Ponte Torrente Gogna

-395	128.44	128.44	-394	137.14	137.14	-393	145.83	145.83	-392	145.83	145.83	-391	145.83	145.83
-390	145.83	145.83	-389	145.83	145.83	-388	159.21	159.21	-387	172.59	172.59	-386	172.59	172.59
-385	150.52	150.52	-384	128.44	128.44	-383	150.52	150.52	-382	194.67	194.67	-381	172.59	172.59
-380	68.23	68.23	-379	64.22	64.22	-378	128.44	128.44	-377	154.53	154.53	-376	159.21	159.21
-375	145.83	145.83	-374	145.83	145.83	-373	137.14	137.14	-372	128.44	128.44	-371	123.76	123.76
-370	135.13	135.13	-369	151.19	151.19	-368	151.19	151.19	-367	136.07	136.07	-366	151.19	151.19
-365	38.13	38.13	-364	25.42	25.42	-363	97.22	97.22	-362	97.22	97.22	-361	97.22	97.22
-360	97.22	97.22	-359	97.22	97.22	-358	91.42	91.42	-357	85.63	85.63	-356	91.42	91.42
-355	97.22	97.22	-354	97.22	97.22	-353	97.22	97.22	-352	97.22	97.22	-351	97.22	97.22
-350	115.06	115.06	-349	115.06	115.06	-348	100.34	100.34	-347	85.63	85.63	-346	100.34	100.34
-345	129.78	129.78	-344	115.06	115.06	-343	42.81	42.81	-342	85.63	85.63	-341	103.02	103.02
-340	106.14	106.14	-339	97.22	97.22	-338	97.22	97.22	-337	91.42	91.42	-336	85.63	85.63
-335	82.51	82.51	-334	90.09	90.09	-333	100.79	100.79	-332	100.79	100.79	-331	90.71	90.71
-330	100.79	100.79	-329	25.42	25.42	-328	40.29	40.29	-327	117.35	117.35	-326	154.11	154.11
-325	154.11	154.11	-324	154.11	154.11	-323	154.11	154.11	-322	154.11	154.11	-321	144.92	144.92
-320	135.73	135.73	-319	144.92	144.92	-318	154.11	154.11	-317	154.11	154.11	-316	154.11	154.11
-315	154.11	154.11	-314	154.11	154.11	-313	168.25	168.25	-312	182.39	182.39	-311	182.39	182.39
-310	159.06	159.06	-309	135.73	135.73	-308	159.06	159.06	-307	205.71	205.71	-306	182.39	182.39
-305	72.11	72.11	-304	67.86	67.86	-303	135.73	135.73	-302	163.30	163.30	-301	168.25	168.25
-300	154.11	154.11	-299	154.11	154.11	-298	144.92	144.92	-297	135.73	135.73	-296	130.78	130.78
-295	142.80	142.80	-294	159.76	159.76	-293	159.76	159.76	-292	143.79	143.79	-291	159.76	159.76
-290	136.15	136.15	-289	40.29	40.29	-288	30.76	30.76	-287	117.65	117.65	-286	117.65	117.65
-285	117.65	117.65	-284	117.65	117.65	-283	117.65	117.65	-282	110.64	110.64	-281	103.62	103.62
-280	110.64	110.64	-279	117.65	117.65	-278	117.65	117.65	-277	117.65	117.65	-276	117.65	117.65
-275	117.65	117.65	-274	128.44	128.44	-273	139.24	139.24	-272	139.24	139.24	-271	121.43	121.43
-270	103.62	103.62	-269	121.43	121.43	-268	157.05	157.05	-267	139.24	139.24	-266	55.05	55.05
-265	51.81	51.81	-264	103.62	103.62	-263	124.67	124.67	-262	128.44	128.44	-261	117.65	117.65
-260	117.65	117.65	-259	110.64	110.64	-258	103.62	103.62	-257	99.84	99.84	-256	109.02	109.02
-255	121.97	121.97	-254	121.97	121.97	-253	109.77	109.77	-252	121.97	121.97	-251	30.76	30.76
-250	12.28	12.28	-249	12.28	12.28	-248	52.92	52.92	-247	67.19	67.19	-246	52.92	52.92
-245	52.92	52.92	-244	67.19	67.19	-243	52.92	52.92	-242	138.59	138.59	-241	138.59	138.59
-240	138.59	138.59	-239	138.59	138.59	-238	209.98	209.98	-237	209.98	209.98	-236	209.98	209.98
-235	209.98	209.98	-234	209.98	209.98	-233	209.98	209.98	-232	209.98	209.98	-231	209.98	209.98
-230	138.59	138.59	-229	138.59	138.59	-228	138.59	138.59	-227	138.59	138.59	-226	52.92	52.92
-225	67.19	67.19	-224	52.92	52.92	-223	52.92	52.92	-222	67.19	67.19	-221	52.92	52.92
-220	88.77	88.77	-219	88.77	88.77	-218	88.77	88.77	-217	88.77	88.77	-216	88.77	88.77
-215	88.77	88.77	-214	183.09	183.09	-213	183.09	183.09	-212	183.09	183.09	-211	183.09	183.09
-210	277.41	277.41	-209	277.41	277.41	-208	277.41	277.41	-207	277.41	277.41	-206	277.41	277.41
-205	277.41	277.41	-204	277.41	277.41	-203	277.41	277.41	-202	183.09	183.09	-201	183.09	183.09
-200	183.09	183.09	-199	183.09	183.09	-198	88.77	88.77	-197	88.77	88.77	-196	88.77	88.77
-195	88.77	88.77	-194	88.77	88.77	-193	88.77	88.77	-192	86.22	86.22	-191	86.22	86.22
-190	86.22	86.22	-189	86.22	86.22	-188	86.22	86.22	-187	86.22	86.22	-186	177.83	177.83
-185	177.83	177.83	-184	177.83	177.83	-183	177.83	177.83	-182	269.44	269.44	-181	269.44	269.44
-180	269.44	269.44	-179	269.44	269.44	-178	269.44	269.44	-177	269.44	269.44	-176	269.44	269.44
-175	269.44	269.44	-174	177.83	177.83	-173	177.83	177.83	-172	177.83	177.83	-171	177.83	177.83
-170	86.22	86.22	-169	86.22	86.22	-168	86.22	86.22	-167	86.22	86.22	-166	86.22	86.22
-165	86.22	86.22	-164	64.56	64.56	-163	64.56	64.56	-162	64.56	64.56	-161	64.56	64.56
-160	64.56	64.56	-159	64.56	64.56	-158	133.16	133.16	-157	133.16	133.16	-156	133.16	133.16
-155	133.16	133.16	-154	201.75	201.75	-153	201.75	201.75	-152	201.75	201.75	-151	201.75	201.75
-150	201.75	201.75	-149	201.75	201.75	-148	201.75	201.75	-147	201.75	201.75	-146	133.16	133.16
-145	133.16	133.16	-144	133.16	133.16	-143	133.16	133.16	-142	64.56	64.56	-141	64.56	64.56
-140	64.56	64.56	-139	64.56	64.56	-138	64.56	64.56	-137	64.56	64.56	-136	64.56	64.56
-135	64.56	64.56	-134	64.56	64.56	-133	64.56	64.56	-132	64.56	64.56	-131	64.56	64.56
-130	133.16	133.16	-129	133.16	133.16	-128	133.16	133.16	-127	133.16	133.16	-126	201.75	201.75
-125	201.75	201.75	-124	201.75	201.75	-123	201.75	201.75	-122	201.75	201.75	-121	201.75	201.75
-120	201.75	201.75	-119	201.75	201.75	-118	133.16	133.16	-117	133.16	133.16	-116	133.16	133.16
-115	133.16	133.16	-114	64.56	64.56	-113	64.56	64.56	-112	64.56	64.56	-111	64.56	64.56
-110	64.56	64.56	-109	64.56	64.56	-108	77.30	77.30	-107	77.30	77.30	-106	77.30	77.30
-105	77.30	77.30	-104	77.30	77.30	-103	77.30	77.30	-102	159.44	159.44	-101	159.44	159.44
-100	159.44	159.44	-99	159.44	159.44	-98	241.57	241.57	-97	241.57	241.57	-96	241.57	241.57
-95	241.57	241.57	-94	241.57	241.57	-93	241.57	241.57	-92	241.57	241.57	-91	241.57	241.57
-90	159.44	159.44	-89	159.44	159.44	-88	159.44	159.44	-87	159.44	159.44	-86	77.30	77.30
-85	77.30	77.30	-84	77.30	77.30	-83	77.30	77.30	-82	77.30	77.30	-81	77.30	77.30
1	605.25	605.25	2	605.25	605.25	4	135.07	135.07	5	135.07	135.07	7	599.37	599.37
8	714.16	714.16	9	195.72	195.72	10	195.72	195.72	11	913.26	913.26	12	674.34	674.34
13	195.72	195.72	14	195.72	195.72	15	913.26	913.26	16	599.37	599.37	18	135.07	135.07
19	135.07	135.07	21	605.25	605.25	22	605.25	605.25	25	67.69	67.69	26	67.69	67.69
27	103.94	103.94	28	89.59	89.59	29	103.22	103.22	30	62.82	62.82	31	123.47	123.47
32	91.36	91.36	33	139.04	139.04	34	113.96	113.96	35	68.50	68.50	36	136.74	136.74
37	100.61	100.61	38	68.37	68.37	39	44.76	44.76	40	99.39	99.39	41	72.85	72.85
42	106.93	106.93	43	89.88	89.88	44	56.46	56.46	45	140.75	140.75	46	100.61	100.61
47	67.69	67.69	48	67.69	67.69									

Totali masse nodi

Mo <KG>	Mz <KG>
96651.60	96651.60

Elenco modi di vibrare, masse partecipanti e coefficienti di partecipazione

Simbologia

Modo	= Numero del modo di vibrare
C	= * indica che il modo è stato considerato
Per.	= Periodo
Diff.	= Minima differenza percentuale dagli altri periodi
Φ_x	= Coefficiente di partecipazione in dir. X
Φ_y	= Coefficiente di partecipazione in dir. Y
Φ_z	= Coefficiente di partecipazione in dir. Z
%Mx	= Percentuale massa partecipante in dir. X
%My	= Percentuale massa partecipante in dir. Y
%Mz	= Percentuale massa partecipante in dir. Z
%Jpz	= Percentuale momento d'inerzia polare partecipante intorno all'asse Z

Modo	C	Per.	Diff.	Φ_x	Φ_y	Φ_z	%Mx	%My	%Mz	%Jpz
1*	0.91	35.15	-261.19	-0.01	2.79	70.58	0.00	0.01	0.00	0.00
2*	0.67	35.15	-0.01	267.04	0.79	0.00	73.78	0.00	0.00	0.00
3	0.41	47.75	-0.37	-2.72	-0.01	0.00	0.01	0.00	0.00	0.00
4*	0.28	0.00	100.28	-0.00	0.00	10.41	0.00	0.00	0.00	0.00
5*	0.28	0.00	100.28	-0.00	0.01	10.41	0.00	0.00	0.00	0.00
6*	0.27	1.94	4.45	-0.54	189.51	0.02	0.00	37.16	0.00	0.00
7	0.25	9.92	3.67	-0.01	-0.32	0.01	0.00	0.00	0.00	0.00
8	0.19	0.81	-0.02	-6.52	-0.28	0.00	0.04	0.00	0.00	0.00
9	0.19	0.30	-0.01	3.09	-0.16	0.00	0.01	0.00	0.00	0.00
10	0.19	0.30	56.32	-0.00	0.00	3.28	0.00	0.00	0.00	0.00
11*	0.13	4.94	-1.32	-3.77	88.27	0.00	0.01	8.06	0.00	0.00
12	0.12	4.94	-0.59	1.52	-45.26	0.00	0.00	2.12	0.00	0.00
13*	0.11	3.13	0.03	-87.72	-4.72	0.00	7.96	0.02	0.00	0.00
14	0.11	3.13	-0.04	-22.40	0.45	0.00	0.52	0.00	0.00	0.00
15*	0.10	6.42	0.01	-38.06	9.46	0.00	1.50	0.09	0.00	0.00
16*	0.10	6.37	-0.55	-1.91	-158.92	0.00	0.00	26.13	0.00	0.00
17	0.09	4.30	-0.01	-0.50	0.44	0.00	0.00	0.00	0.00	0.00
18	0.09	1.85	0.03	6.03	-8.40	0.00	0.04	0.07	0.00	0.00
19	0.09	1.85	0.03	-0.78	1.57	0.00	0.00	0.00	0.00	0.00
20*	0.07	1.31	-1.04	16.18	66.97	0.00	0.27	4.64	0.00	0.00
21	0.07	1.31	-1.44	-18.53	26.63	0.00	0.36	0.73	0.00	0.00
22*	0.07	2.09	-0.64	-23.37	95.12	0.00	0.56	9.36	0.00	0.00
23*	0.07	1.49	-0.74	44.92	24.94	0.00	2.09	0.64	0.00	0.00
24	0.07	0.10	0.05	6.22	-20.69	0.00	0.04	0.44	0.00	0.00
25	0.07	0.10	0.11	4.54	10.75	0.00	0.02	0.12	0.00	0.00
26	0.07	1.38	-0.01	-21.43	-30.41	0.00	0.48	0.96	0.00	0.00
27	0.06	0.07	0.35	29.92	6.15	0.00	0.93	0.04	0.00	0.00
28	0.06	0.00	-28.27	0.00	0.00	0.83	0.00	0.00	0.00	0.00
29	0.06	0.00	28.30	0.00	0.00	0.83	0.00	0.00	0.00	0.00
30	0.06	0.78	-0.00	-14.25	-1.50	0.00	0.21	0.00	0.00	0.00
31	0.05	1.96	-2.71	-0.41	-21.89	0.01	0.00	0.50	0.00	0.00
32	0.05	1.96	-0.14	31.96	-21.94	0.00	1.06	0.50	0.00	0.00
33	0.05	2.14	0.00	-9.90	-38.97	0.00	0.10	1.57	0.00	0.00
34	0.05	3.84	1.99	-0.43	22.11	0.00	0.00	0.51	0.00	0.00
35	0.05	5.94	0.12	-2.96	0.84	0.00	0.01	0.00	0.00	0.00
36	0.04	4.58	0.39	4.13	-52.18	0.00	0.02	2.82	0.00	0.00
37	0.04	4.58	0.24	-9.75	-44.01	0.00	0.10	2.00	0.00	0.00
38	0.04	0.03	-0.13	-0.23	12.29	0.00	0.00	0.16	0.00	0.00
39	0.04	0.00	0.00	0.00	-0.00	0.00	0.00	0.00	0.00	0.00
40	0.04	0.00	-0.00	0.00	-0.00	0.00	0.00	0.00	0.00	0.00
41	0.04	2.98	-0.10	-9.78	16.18	0.00	0.10	0.27	0.00	0.00
42	0.04	1.44	0.00	-2.49	-0.51	0.00	0.01	0.00	0.00	0.00
43	0.04	1.44	0.00	-2.73	0.04	0.00	0.01	0.00	0.00	0.00
44	0.03	2.56	0.07	1.12	-2.95	0.00	0.00	0.01	0.00	0.00
45	0.03	0.51	0.00	7.76	-7.69	0.00	0.06	0.06	0.00	0.00
46	0.03	0.51	-0.03	5.50	-3.68	0.00	0.03	0.01	0.00	0.00
47	0.03	0.00	-25.51	-0.00	-0.00	0.67	0.00	0.00	0.00	0.00
48	0.03	0.00	-25.51	0.00	-0.00	0.67	0.00	0.00	0.00	0.00
49	0.03	0.82	0.04	-1.35	-5.88	0.00	0.00	0.04	0.00	0.00
50	0.03	0.82	0.06	-1.29	17.62	0.00	0.00	0.32	0.00	0.00
Tot.cons.						91.42	86.18	86.12	0.00	

Elenco coefficienti di risposta

Simbologia

Modo	= Numero del modo di vibrare
Sx	= Coefficiente di risposta (moltiplicato per 100) in dir. X
Sy	= Coefficiente di risposta (moltiplicato per 100) in dir. Y
Sz	= Coefficiente di risposta (moltiplicato per 100) in dir. Z

Stato limite di salvaguardia della vita

Modo	Sx	Sy	Sz
1	24.64	24.64	3.08
2	33.30	33.30	3.08
3	38.15	38.15	5.08
4	38.15	38.15	7.51
5	38.15	38.15	7.51
6	38.15	38.15	7.66
7	38.15	38.15	8.41
8	37.84	37.84	10.81
9	37.72	37.72	10.90
10	37.67	37.67	10.93
11	32.55	32.55	13.79
12	32.08	32.08	13.79
13	31.63	31.63	13.79
14	31.35	31.35	13.79
15	30.83	30.83	13.79
16	30.32	30.32	13.79
17	29.86	29.86	13.79
18	29.56	29.56	13.79
19	29.43	29.43	13.79
20	28.34	28.34	13.79
21	28.26	28.26	13.79
22	28.15	28.15	13.79
23	28.01	28.01	13.79
24	27.93	27.93	13.79
25	27.92	27.92	13.79
26	27.85	27.85	13.79
27	27.16	27.16	13.79
28	27.16	27.16	13.79
29	27.16	27.16	13.79
30	27.12	27.12	13.79
31	26.91	26.91	13.79
32	26.82	26.82	13.79
33	26.74	26.74	13.79
34	26.58	26.58	13.79
35	26.33	26.33	13.44
36	26.12	26.12	13.15
37	25.96	25.96	12.93
38	25.81	25.81	12.71
39	25.81	25.81	12.71
40	25.81	25.81	12.71
41	25.71	25.71	12.58
42	25.48	25.48	12.25
43	25.44	25.44	12.19
44	25.24	25.24	11.91
45	25.17	25.17	11.81
46	25.16	25.16	11.79
47	25.14	25.14	11.76
48	25.14	25.14	11.76
49	25.11	25.11	11.72
50	25.09	25.09	11.70

Spostamenti dei nodi allo stato limite ultimo**Simbologia**

Nodo	= Numero del nodo
Sx	= Spostamento in dir. X
CC	= Numero della combinazione delle condizioni di carico elementari
Sy	= Spostamento in dir. Y
Sz	= Spostamento in dir. Z
Rx	= Rotazione intorno all'asse X
Ry	= Rotazione intorno all'asse Y
Rz	= Rotazione intorno all'asse Z

Nodo		Sx <m>	CC	Sy <m>	CC	Sz <m>	CC	Rx <rad>	CC	Ry <rad>	CC	Rz <rad>	CC
-790	Max	0.13	1	0.09	5	-0.00	5	0.00	5	-0.00	9	0.00	5
-790	Min.	-0.13	1	-0.09	5	-0.01	18	-0.00	18	-0.01	18	0.00	5
-789	Max	0.13	1	0.09	5	-0.01	5	0.00	5	-0.00	9	0.00	5
-789	Min.	-0.13	1	-0.09	5	-0.02	18	-0.00	18	-0.01	18	0.00	5
-788	Max	0.13	1	0.09	5	-0.01	5	0.00	5	-0.00	9	0.00	5
-788	Min.	-0.13	1	-0.09	5	-0.02	18	-0.00	18	-0.01	18	0.00	5
-787	Max	0.13	1	0.09	5	-0.01	5	0.00	5	-0.00	9	0.00	5
-787	Min.	-0.13	1	-0.10	5	-0.03	18	-0.00	18	-0.01	18	0.00	5
-786	Max	0.13	1	0.09	5	-0.02	5	0.00	5	-0.00	5	0.00	5
-786	Min.	-0.13	1	-0.10	5	-0.04	18	-0.00	18	-0.01	18	0.00	5

Relazione di Calcolo – Ponte Torrente Gogna

-785	Max	0.13	1	0.10	5	-0.02	5	0.00	5	-0.00	5	0.00	5
-785	Min.	-0.13	1	-0.10	5	-0.04	18	-0.00	18	-0.00	18	0.00	5
-784	Max	0.13	1	0.10	5	-0.02	5	0.00	5	0.00	5	0.00	5
-784	Min.	-0.13	1	-0.10	5	-0.04	18	-0.00	18	-0.00	18	0.00	5
-783	Max	0.13	1	0.10	5	-0.02	5	0.00	5	0.00	28	0.00	5
-783	Min.	-0.13	1	-0.10	5	-0.04	18	-0.00	18	0.00	5	0.00	5
-782	Max	0.13	1	0.10	5	-0.02	5	0.00	5	0.00	13	0.00	5
-782	Min.	-0.13	1	-0.10	5	-0.04	18	-0.00	18	0.00	5	0.00	5
-781	Max	0.13	1	0.10	5	-0.02	9	0.00	5	0.00	13	0.00	5
-781	Min.	-0.13	1	-0.10	5	-0.04	18	-0.00	18	0.00	5	0.00	5
-780	Max	0.13	1	0.10	5	-0.02	31	0.00	5	0.01	18	0.00	5
-780	Min.	-0.13	1	-0.10	5	-0.04	18	-0.00	18	0.00	5	0.00	5
-779	Max	0.13	1	0.10	5	-0.02	31	0.00	5	0.01	18	0.00	5
-779	Min.	-0.13	1	-0.10	5	-0.03	18	-0.00	18	0.00	5	0.00	5
-778	Max	0.13	1	0.10	5	-0.01	31	0.00	5	0.01	18	0.00	5
-778	Min.	-0.13	1	-0.10	5	-0.03	18	0.00	18	0.00	29	0.00	5
-777	Max	0.13	1	0.10	5	-0.01	5	0.00	5	0.01	18	0.00	5
-777	Min.	-0.13	1	-0.10	5	-0.02	18	0.00	13	0.00	29	0.00	5
-776	Max	0.13	1	0.10	5	-0.01	5	0.00	5	0.01	18	0.00	5
-776	Min.	-0.13	1	-0.10	5	-0.01	18	0.00	13	0.00	29	0.00	5
-775	Max	0.13	1	0.10	5	-0.00	5	0.00	5	0.01	18	0.00	5
-775	Min.	-0.13	1	-0.10	5	-0.01	28	0.00	28	0.00	29	0.00	5
-774	Max	0.13	1	0.10	5	-0.00	5	0.00	5	0.00	18	0.00	5
-774	Min.	-0.13	1	-0.10	5	-0.01	29	0.00	28	0.00	29	0.00	5
-773	Max	0.13	1	0.10	5	0.00	18	0.00	5	0.00	18	0.00	5
-773	Min.	-0.13	1	-0.10	5	-0.01	29	0.00	5	0.00	29	0.00	5
-772	Max	0.13	1	0.10	5	0.01	18	0.00	5	0.00	18	0.00	5
-772	Min.	-0.13	1	-0.10	5	-0.01	29	0.00	5	0.00	29	0.00	5
-771	Max	0.13	1	0.10	5	0.01	18	0.00	5	0.00	18	0.00	5
-771	Min.	-0.13	1	-0.10	5	-0.01	29	0.00	5	0.00	24	0.00	5
-770	Max	0.13	1	0.10	5	0.01	18	0.00	5	0.00	29	0.00	5
-770	Min.	-0.13	1	-0.10	5	-0.01	29	0.00	5	0.00	18	0.00	5
-769	Max	0.13	1	0.10	5	0.00	18	0.00	5	0.00	29	0.00	5
-769	Min.	-0.13	1	-0.10	5	-0.01	29	0.00	5	-0.00	18	0.00	5
-768	Max	0.13	1	0.10	5	-0.00	5	0.00	5	0.00	29	0.00	5
-768	Min.	-0.13	1	-0.10	5	-0.01	28	0.00	18	-0.01	18	0.00	5
-767	Max	0.13	1	0.10	5	-0.00	5	0.00	5	0.00	29	0.00	5
-767	Min.	-0.13	1	-0.10	5	-0.01	33	0.00	18	-0.01	18	0.00	5
-766	Max	0.13	1	0.10	5	-0.00	5	0.00	5	-0.00	29	0.00	5
-766	Min.	-0.13	1	-0.10	5	-0.01	33	0.00	18	-0.01	18	0.00	5
-765	Max	0.13	1	0.10	5	-0.00	5	0.00	5	-0.00	29	0.00	5
-765	Min.	-0.13	1	-0.10	5	-0.01	18	-0.00	18	-0.01	18	0.00	19
-764	Max	0.13	1	0.10	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-764	Min.	-0.13	1	-0.10	5	-0.02	18	-0.00	18	-0.01	18	0.00	19
-763	Max	0.13	1	0.10	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-763	Min.	-0.13	1	-0.10	5	-0.04	18	-0.00	18	-0.01	18	0.00	19
-762	Max	0.13	1	0.10	5	-0.01	1	0.00	5	-0.00	1	0.00	5
-762	Min.	-0.13	1	-0.10	5	-0.05	18	-0.00	18	-0.01	18	0.00	5
-761	Max	0.13	1	0.10	5	-0.01	1	0.00	5	-0.00	1	0.00	5
-761	Min.	-0.13	1	-0.10	5	-0.06	18	-0.00	18	-0.01	18	0.00	5
-760	Max	0.13	1	0.10	5	-0.02	1	0.00	5	0.00	1	0.00	5
-760	Min.	-0.13	1	-0.10	5	-0.06	18	-0.00	18	-0.00	18	0.00	5
-759	Max	0.13	1	0.10	5	-0.02	1	0.00	5	0.00	1	0.00	5
-759	Min.	-0.13	1	-0.10	5	-0.07	18	-0.00	18	-0.00	13	0.00	5
-758	Max	0.13	1	0.10	5	-0.02	1	0.00	5	0.00	5	0.00	5
-758	Min.	-0.13	1	-0.10	5	-0.07	18	-0.00	18	-0.00	13	0.00	5
-757	Max	0.13	1	0.10	5	-0.02	1	0.00	5	0.00	18	0.00	5
-757	Min.	-0.13	1	-0.10	5	-0.07	18	-0.00	18	0.00	5	0.00	5
-756	Max	0.13	1	0.10	5	-0.01	1	0.00	1	0.01	18	0.00	5
-756	Min.	-0.13	1	-0.10	5	-0.06	18	-0.00	18	0.00	1	0.00	5
-755	Max	0.13	1	0.10	5	-0.01	1	0.00	5	0.01	18	0.00	5
-755	Min.	-0.13	1	-0.10	5	-0.05	18	-0.00	18	0.00	1	0.00	5
-754	Max	0.13	1	0.10	5	-0.01	1	0.00	1	0.01	18	0.00	5
-754	Min.	-0.13	1	-0.10	5	-0.04	18	-0.00	18	0.00	1	0.00	5
-753	Max	0.13	1	0.10	5	-0.01	5	0.00	1	0.01	18	0.00	5
-753	Min.	-0.13	1	-0.10	5	-0.03	13	-0.00	18	0.00	1	0.00	5
-752	Max	0.13	1	0.10	5	-0.01	5	0.00	1	0.01	18	0.00	1
-752	Min.	-0.13	1	-0.10	5	-0.03	13	-0.00	18	0.00	1	0.00	1
-751	Max	0.13	1	0.10	5	-0.00	5	0.00	1	0.01	18	0.00	5
-751	Min.	-0.13	1	-0.10	5	-0.02	13	-0.00	18	0.00	1	0.00	5
-750	Max	0.13	1	0.09	5	-0.00	5	0.00	5	-0.00	9	0.00	5
-750	Min.	-0.13	1	-0.09	5	-0.01	13	-0.00	18	-0.01	18	0.00	5
-749	Max	0.13	1	0.09	5	-0.01	5	0.00	5	-0.00	9	0.00	5
-749	Min.	-0.13	1	-0.09	5	-0.02	18	-0.00	18	-0.01	18	0.00	5
-748	Max	0.13	1	0.09	5	-0.01	5	0.00	5	-0.00	9	0.00	5
-748	Min.	-0.13	1	-0.09	5	-0.02	18	-0.00	18	-0.01	18	0.00	5
-747	Max	0.13	1	0.09	5	-0.01	5	0.00	5	-0.00	9	0.00	5
-747	Min.	-0.13	1	-0.10	5	-0.03	18	-0.00	18	-0.01	18	0.00	5
-746	Max	0.13	1	0.09	5	-0.02	5	0.00	5	-0.00	9	0.00	5

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-746	Min.	-0.13	1	-0.10	5	-0.04	18	-0.00	18	-0.01	18	0.00	5
-745	Max	0.13	1	0.10	5	-0.02	5	0.00	5	-0.00	5	0.00	5
-745	Min.	-0.13	1	-0.10	5	-0.04	18	-0.00	18	-0.00	18	0.00	5
-744	Max	0.13	1	0.10	5	-0.02	5	0.00	5	0.00	5	0.00	5
-744	Min.	-0.13	1	-0.10	5	-0.04	18	-0.00	18	-0.00	18	0.00	5
-743	Max	0.13	1	0.10	5	-0.02	9	0.00	5	0.00	28	0.00	5
-743	Min.	-0.13	1	-0.10	5	-0.04	18	-0.00	18	0.00	5	0.00	5
-742	Max	0.13	1	0.10	5	-0.02	9	0.00	5	0.00	13	0.00	5
-742	Min.	-0.13	1	-0.10	5	-0.04	18	-0.00	18	0.00	5	0.00	5
-741	Max	0.13	1	0.10	5	-0.02	9	0.00	5	0.00	13	0.00	5
-741	Min.	-0.13	1	-0.10	5	-0.04	18	-0.00	18	0.00	5	0.00	5
-740	Max	0.13	1	0.10	5	-0.02	31	0.00	5	0.01	18	0.00	5
-740	Min.	-0.13	1	-0.10	5	-0.04	18	0.00	18	0.00	5	0.00	5
-739	Max	0.13	1	0.10	5	-0.01	31	0.00	5	0.01	18	0.00	5
-739	Min.	-0.13	1	-0.10	5	-0.03	18	0.00	18	0.00	9	0.00	5
-738	Max	0.13	1	0.10	5	-0.01	31	0.00	5	0.01	18	0.00	5
-738	Min.	-0.13	1	-0.10	5	-0.03	18	0.00	13	0.00	29	0.00	5
-737	Max	0.13	1	0.10	5	-0.01	5	0.00	5	0.01	18	0.00	5
-737	Min.	-0.13	1	-0.10	5	-0.02	18	0.00	13	0.00	29	0.00	5
-736	Max	0.13	1	0.10	5	-0.01	5	0.00	5	0.01	18	0.00	5
-736	Min.	-0.13	1	-0.10	5	-0.01	18	0.00	13	0.00	29	0.00	5
-735	Max	0.13	1	0.10	5	-0.00	5	0.00	5	0.01	18	0.00	5
-735	Min.	-0.13	1	-0.10	5	-0.01	28	0.00	28	0.00	29	0.00	5
-734	Max	0.13	1	0.10	5	0.00	18	0.00	5	0.00	18	0.00	5
-734	Min.	-0.13	1	-0.10	5	-0.01	29	0.00	28	0.00	29	0.00	5
-733	Max	0.13	1	0.10	5	0.00	18	0.00	5	0.00	18	0.00	5
-733	Min.	-0.13	1	-0.10	5	-0.01	29	0.00	5	0.00	29	0.00	5
-732	Max	0.13	1	0.10	5	0.01	18	0.00	5	0.00	18	0.00	5
-732	Min.	-0.13	1	-0.10	5	-0.01	29	0.00	5	0.00	29	0.00	5
-731	Max	0.13	1	0.10	5	0.01	18	0.00	5	0.00	18	0.00	5
-731	Min.	-0.13	1	-0.10	5	-0.01	29	0.00	5	0.00	24	0.00	5
-730	Max	0.13	1	0.10	5	0.01	18	0.00	5	0.00	29	0.00	5
-730	Min.	-0.13	1	-0.10	5	-0.01	29	0.00	5	0.00	18	0.00	5
-729	Max	0.13	1	0.10	5	0.00	18	0.00	5	0.00	29	0.00	5
-729	Min.	-0.13	1	-0.10	5	-0.01	29	0.00	5	-0.00	18	0.00	5
-728	Max	0.13	1	0.10	5	-0.00	5	0.00	5	0.00	29	0.00	5
-728	Min.	-0.13	1	-0.10	5	-0.01	28	0.00	18	-0.01	18	0.00	5
-727	Max	0.13	1	0.10	5	-0.00	5	0.00	5	0.00	29	0.00	5
-727	Min.	-0.13	1	-0.10	5	-0.01	33	-0.00	18	-0.01	18	0.00	5
-726	Max	0.13	1	0.10	5	-0.00	5	0.00	5	-0.00	29	0.00	5
-726	Min.	-0.13	1	-0.10	5	-0.01	33	-0.00	18	-0.01	18	0.00	5
-725	Max	0.13	1	0.10	5	-0.00	5	0.00	5	-0.00	29	0.00	5
-725	Min.	-0.13	1	-0.10	5	-0.01	18	-0.00	18	-0.01	18	0.00	19
-724	Max	0.13	1	0.10	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-724	Min.	-0.13	1	-0.10	5	-0.02	18	-0.00	18	-0.01	18	0.00	19
-723	Max	0.13	1	0.10	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-723	Min.	-0.13	1	-0.10	5	-0.04	18	-0.00	18	-0.01	18	0.00	19
-722	Max	0.13	1	0.10	5	-0.01	1	0.00	5	-0.00	1	0.00	5
-722	Min.	-0.13	1	-0.10	5	-0.05	18	-0.00	18	-0.01	18	0.00	5
-721	Max	0.13	1	0.10	5	-0.01	1	0.00	5	-0.00	1	0.00	5
-721	Min.	-0.13	1	-0.10	5	-0.05	18	-0.00	18	-0.01	18	0.00	5
-720	Max	0.13	1	0.10	5	-0.01	1	0.00	5	0.00	1	0.00	5
-720	Min.	-0.13	1	-0.10	5	-0.06	18	-0.00	18	-0.00	18	0.00	5
-719	Max	0.13	1	0.10	5	-0.02	1	0.00	5	0.00	1	0.00	5
-719	Min.	-0.13	1	-0.10	5	-0.06	18	-0.00	18	-0.00	13	0.00	5
-718	Max	0.13	1	0.10	5	-0.02	1	0.00	5	0.00	5	0.00	5
-718	Min.	-0.13	1	-0.10	5	-0.06	18	-0.00	18	-0.00	13	0.00	5
-717	Max	0.13	1	0.10	5	-0.01	1	0.00	5	0.00	18	0.00	5
-717	Min.	-0.13	1	-0.10	5	-0.06	18	-0.00	18	0.00	5	0.00	5
-716	Max	0.13	1	0.10	5	-0.01	1	0.00	5	0.01	18	0.00	5
-716	Min.	-0.13	1	-0.10	5	-0.06	18	-0.00	18	0.00	1	0.00	5
-715	Max	0.13	1	0.10	5	-0.01	1	0.00	5	0.01	18	0.00	5
-715	Min.	-0.13	1	-0.10	5	-0.05	18	-0.00	18	0.00	1	0.00	5
-714	Max	0.13	1	0.10	5	-0.01	1	0.00	5	0.01	18	0.00	5
-714	Min.	-0.13	1	-0.10	5	-0.04	18	-0.00	18	0.00	1	0.00	5
-713	Max	0.13	1	0.10	5	-0.01	5	0.00	5	0.01	18	0.00	1
-713	Min.	-0.13	1	-0.10	5	-0.03	13	-0.00	18	0.00	1	0.00	1
-712	Max	0.13	1	0.10	5	-0.01	5	0.00	1	0.01	18	0.00	5
-712	Min.	-0.13	1	-0.10	5	-0.02	13	-0.00	18	0.00	1	0.00	5
-711	Max	0.13	1	0.10	5	-0.00	5	0.00	1	0.01	18	0.00	1
-711	Min.	-0.13	1	-0.10	5	-0.02	13	-0.00	18	0.00	1	0.00	1
-710	Max	0.13	1	0.09	5	-0.00	5	0.00	5	-0.00	9	0.00	5
-710	Min.	-0.13	1	-0.09	5	-0.01	13	0.00	18	-0.01	18	0.00	5
-709	Max	0.13	1	0.09	5	-0.01	5	0.00	5	-0.00	9	0.00	5
-709	Min.	-0.13	1	-0.09	5	-0.02	18	-0.00	18	-0.01	18	0.00	5
-708	Max	0.13	1	0.09	5	-0.01	5	0.00	5	-0.00	9	0.00	5
-708	Min.	-0.13	1	-0.10	5	-0.03	18	-0.00	18	-0.01	18	0.00	5
-707	Max	0.13	1	0.09	5	-0.02	5	0.00	5	-0.00	9	0.00	5
-707	Min.	-0.13	1	-0.10	5	-0.03	18	-0.00	18	-0.01	18	0.00	5

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-706	Max	0.13	1	0.10	5	-0.02	5	0.00	5	-0.00	5	0.00	5
-706	Min.	-0.13	1	-0.10	5	-0.04	18	-0.00	18	-0.00	18	0.00	5
-705	Max	0.13	1	0.10	5	-0.02	5	0.00	5	0.00	5	0.00	5
-705	Min.	-0.13	1	-0.10	5	-0.04	18	-0.00	18	-0.00	18	0.00	5
-704	Max	0.13	1	0.10	5	-0.02	9	0.00	5	0.00	28	0.00	5
-704	Min.	-0.13	1	-0.10	5	-0.04	18	-0.00	18	0.00	5	0.00	5
-703	Max	0.13	1	0.10	5	-0.02	9	0.00	5	0.00	13	0.00	5
-703	Min.	-0.13	1	-0.10	5	-0.04	18	-0.00	18	0.00	5	0.00	5
-702	Max	0.13	1	0.10	5	-0.02	9	0.00	5	0.00	13	0.00	5
-702	Min.	-0.13	1	-0.10	5	-0.04	18	-0.00	18	0.00	5	0.00	5
-701	Max	0.13	1	0.10	5	-0.02	31	0.00	5	0.01	18	0.00	5
-701	Min.	-0.13	1	-0.10	5	-0.04	18	0.00	18	0.00	5	0.00	5
-700	Max	0.13	1	0.10	5	-0.01	31	0.00	5	0.01	18	0.00	5
-700	Min.	-0.13	1	-0.10	5	-0.03	18	0.00	18	0.00	9	0.00	5
-699	Max	0.13	1	0.10	5	-0.01	31	0.00	5	0.01	18	0.00	5
-699	Min.	-0.13	1	-0.10	5	-0.02	18	0.00	13	0.00	29	0.00	5
-698	Max	0.13	1	0.10	5	-0.01	31	0.00	5	0.01	18	0.00	5
-698	Min.	-0.13	1	-0.10	5	-0.02	18	0.00	13	0.00	29	0.00	5
-697	Max	0.13	1	0.10	5	-0.01	5	0.00	5	0.01	18	0.00	5
-697	Min.	-0.13	1	-0.10	5	-0.01	18	0.00	13	0.00	29	0.00	5
-696	Max	0.13	1	0.10	5	0.00	18	0.00	5	0.00	18	0.00	5
-696	Min.	-0.13	1	-0.10	5	-0.01	29	0.00	5	0.00	29	0.00	5
-695	Max	0.13	1	0.10	5	0.00	18	0.00	5	0.00	18	0.00	5
-695	Min.	-0.13	1	-0.10	5	-0.01	29	0.00	5	0.00	29	0.00	5
-694	Max	0.13	1	0.10	5	0.01	18	0.00	5	0.00	18	0.00	5
-694	Min.	-0.13	1	-0.10	5	-0.01	29	0.00	5	0.00	29	0.00	5
-693	Max	0.13	1	0.10	5	0.01	18	0.00	5	0.00	18	0.00	5
-693	Min.	-0.13	1	-0.10	5	-0.01	29	0.00	5	0.00	24	0.00	5
-692	Max	0.13	1	0.10	5	0.01	18	0.00	5	0.00	29	0.00	5
-692	Min.	-0.13	1	-0.10	5	-0.01	29	0.00	5	0.00	18	0.00	5
-691	Max	0.13	1	0.10	5	0.00	18	0.00	5	0.00	29	0.00	5
-691	Min.	-0.13	1	-0.10	5	-0.01	29	0.00	5	-0.00	18	0.00	5
-690	Max	0.13	1	0.10	5	-0.00	5	0.00	5	0.00	29	0.00	5
-690	Min.	-0.13	1	-0.10	5	-0.01	28	0.00	18	-0.01	18	0.00	5
-689	Max	0.13	1	0.10	5	-0.00	5	0.00	5	-0.00	29	0.00	5
-689	Min.	-0.13	1	-0.10	5	-0.01	33	0.00	18	-0.01	18	0.00	5
-688	Max	0.13	1	0.10	5	-0.00	1	0.00	5	-0.00	29	0.00	5
-688	Min.	-0.13	1	-0.10	5	-0.01	18	0.00	18	-0.01	18	0.00	5
-687	Max	0.13	1	0.10	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-687	Min.	-0.13	1	-0.10	5	-0.02	18	0.00	18	-0.01	18	0.00	19
-686	Max	0.13	1	0.10	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-686	Min.	-0.13	1	-0.10	5	-0.04	18	-0.00	18	-0.01	18	0.00	19
-685	Max	0.13	1	0.10	5	-0.01	1	0.00	5	-0.00	1	0.00	5
-685	Min.	-0.13	1	-0.10	5	-0.04	18	-0.00	18	-0.01	18	0.00	19
-684	Max	0.13	1	0.10	5	-0.01	1	0.00	5	-0.00	1	0.00	5
-684	Min.	-0.13	1	-0.10	5	-0.05	18	-0.00	18	-0.01	18	0.00	5
-683	Max	0.13	1	0.10	5	-0.01	1	0.00	5	0.00	1	0.00	5
-683	Min.	-0.13	1	-0.10	5	-0.06	18	-0.00	18	-0.00	18	0.00	5
-682	Max	0.13	1	0.10	5	-0.01	1	0.00	5	0.00	1	0.00	5
-682	Min.	-0.13	1	-0.10	5	-0.06	18	-0.00	18	-0.00	13	0.00	5
-681	Max	0.13	1	0.10	5	-0.02	1	0.00	5	0.00	1	0.00	5
-681	Min.	-0.13	1	-0.10	5	-0.06	18	-0.00	18	-0.00	13	0.00	5
-680	Max	0.13	1	0.10	5	-0.01	1	0.00	5	0.00	18	0.00	5
-680	Min.	-0.13	1	-0.10	5	-0.06	18	-0.00	18	0.00	5	0.00	5
-679	Max	0.13	1	0.10	5	-0.01	1	0.00	5	0.01	18	0.00	5
-679	Min.	-0.13	1	-0.10	5	-0.06	18	-0.00	18	0.00	1	0.00	5
-678	Max	0.13	1	0.10	5	-0.01	1	0.00	5	0.01	18	0.00	5
-678	Min.	-0.13	1	-0.10	5	-0.05	18	-0.00	18	0.00	1	0.00	5
-677	Max	0.13	1	0.10	5	-0.01	1	0.00	5	0.01	18	0.00	5
-677	Min.	-0.13	1	-0.10	5	-0.04	18	-0.00	18	0.00	1	0.00	5
-676	Max	0.13	1	0.10	5	-0.01	5	0.00	5	0.01	18	0.00	5
-676	Min.	-0.13	1	-0.10	5	-0.03	13	-0.00	18	0.00	1	0.00	5
-675	Max	0.13	1	0.10	5	-0.00	1	0.00	1	0.01	18	0.00	1
-675	Min.	-0.13	1	-0.10	5	-0.02	13	-0.00	18	0.00	1	0.00	1
-674	Max	0.13	1	0.09	5	-0.00	5	0.00	5	-0.00	9	0.00	5
-674	Min.	-0.13	1	-0.09	5	-0.01	13	0.00	18	-0.01	18	0.00	5
-673	Max	0.13	1	0.09	5	-0.01	5	0.00	5	-0.00	9	0.00	5
-673	Min.	-0.13	1	-0.09	5	-0.01	18	0.00	18	-0.01	18	0.00	5
-672	Max	0.13	1	0.09	5	-0.01	5	0.00	5	-0.00	9	0.00	5
-672	Min.	-0.13	1	-0.09	5	-0.02	18	0.00	18	-0.01	18	0.00	5
-671	Max	0.13	1	0.09	5	-0.01	5	0.00	5	-0.00	9	0.00	5
-671	Min.	-0.13	1	-0.10	5	-0.03	18	0.00	18	-0.01	18	0.00	5
-670	Max	0.13	1	0.09	5	-0.02	5	0.00	5	-0.00	9	0.00	5
-670	Min.	-0.13	1	-0.10	5	-0.03	18	0.00	18	-0.01	18	0.00	5
-669	Max	0.13	1	0.10	5	-0.02	5	0.00	5	-0.00	5	0.00	5
-669	Min.	-0.13	1	-0.10	5	-0.04	18	0.00	18	-0.00	18	0.00	5
-668	Max	0.13	1	0.10	5	-0.02	9	0.00	5	0.00	5	0.00	5
-668	Min.	-0.13	1	-0.10	5	-0.04	18	0.00	18	-0.00	18	0.00	5
-667	Max	0.13	1	0.10	5	-0.02	9	0.00	5	0.00	28	0.00	5

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-667	Min.	-0.13	1	-0.10	5	-0.04	18	0.00	18	0.00	5	0.00	5
-666	Max	0.13	1	0.10	5	-0.02	9	0.00	5	0.00	13	0.00	5
-666	Min.	-0.13	1	-0.10	5	-0.04	18	0.00	18	0.00	5	0.00	5
-665	Max	0.13	1	0.10	5	-0.02	9	0.00	5	0.00	13	0.00	5
-665	Min.	-0.13	1	-0.10	5	-0.04	18	0.00	18	0.00	5	0.00	5
-664	Max	0.13	1	0.10	5	-0.02	31	0.00	5	0.00	18	0.00	5
-664	Min.	-0.13	1	-0.10	5	-0.04	18	0.00	18	0.00	5	0.00	5
-663	Max	0.13	1	0.10	5	-0.01	31	0.00	5	0.01	18	0.00	5
-663	Min.	-0.13	1	-0.10	5	-0.03	18	0.00	18	0.00	9	0.00	5
-662	Max	0.13	1	0.10	5	-0.01	31	0.00	5	0.01	18	0.00	5
-662	Min.	-0.13	1	-0.10	5	-0.02	18	0.00	18	0.00	29	0.00	5
-661	Max	0.13	1	0.10	5	-0.01	31	0.00	5	0.01	18	0.00	5
-661	Min.	-0.13	1	-0.10	5	-0.02	18	0.00	13	0.00	29	0.00	5
-660	Max	0.13	1	0.10	5	-0.01	5	0.00	5	0.01	18	0.00	5
-660	Min.	-0.13	1	-0.10	5	-0.01	18	0.00	13	0.00	29	0.00	5
-659	Max	0.13	1	0.10	5	-0.00	5	0.00	5	0.01	18	0.00	5
-659	Min.	-0.13	1	-0.10	5	-0.01	28	0.00	5	0.00	29	0.00	5
-658	Max	0.13	1	0.10	5	0.00	18	0.00	5	0.00	18	0.00	5
-658	Min.	-0.13	1	-0.10	5	-0.01	29	0.00	5	0.00	29	0.00	5
-657	Max	0.13	1	0.10	5	0.00	18	0.00	5	0.00	18	0.00	5
-657	Min.	-0.13	1	-0.10	5	-0.01	29	0.00	5	0.00	29	0.00	5
-656	Max	0.13	1	0.10	5	0.01	18	0.00	5	0.00	18	0.00	5
-656	Min.	-0.13	1	-0.10	5	-0.01	29	0.00	5	0.00	29	0.00	5
-655	Max	0.13	1	0.10	5	0.01	18	0.00	5	0.00	19	0.00	5
-655	Min.	-0.13	1	-0.10	5	-0.01	29	0.00	5	0.00	23	0.00	5
-654	Max	0.13	1	0.10	5	0.01	18	0.00	5	0.00	29	0.00	5
-654	Min.	-0.13	1	-0.10	5	-0.01	29	0.00	5	0.00	18	0.00	5
-653	Max	0.13	1	0.10	5	0.00	18	0.00	5	0.00	29	0.00	5
-653	Min.	-0.13	1	-0.10	5	-0.01	29	0.00	5	-0.00	18	0.00	5
-652	Max	0.13	1	0.10	5	-0.00	5	0.00	5	0.00	29	0.00	5
-652	Min.	-0.13	1	-0.10	5	-0.01	29	0.00	5	-0.01	18	0.00	5
-651	Max	0.13	1	0.10	5	-0.00	5	0.00	5	0.00	29	0.00	5
-651	Min.	-0.13	1	-0.10	5	-0.01	33	0.00	5	-0.01	18	0.00	5
-650	Max	0.13	1	0.10	5	-0.00	5	0.00	5	-0.00	29	0.00	5
-650	Min.	-0.13	1	-0.10	5	-0.01	33	0.00	5	-0.01	18	0.00	5
-649	Max	0.13	1	0.10	5	-0.00	1	0.00	5	-0.00	29	0.00	5
-649	Min.	-0.13	1	-0.10	5	-0.01	18	0.00	18	-0.01	18	0.00	5
-648	Max	0.13	1	0.10	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-648	Min.	-0.13	1	-0.10	5	-0.02	18	0.00	18	-0.01	18	0.00	19
-647	Max	0.13	1	0.10	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-647	Min.	-0.13	1	-0.10	5	-0.03	18	-0.00	18	-0.01	18	0.00	19
-646	Max	0.13	1	0.10	5	-0.01	1	0.00	5	-0.00	1	0.00	5
-646	Min.	-0.13	1	-0.10	5	-0.04	18	-0.00	18	-0.01	18	0.00	19
-645	Max	0.13	1	0.10	5	-0.01	1	0.00	5	-0.00	1	0.00	5
-645	Min.	-0.13	1	-0.10	5	-0.05	18	-0.00	18	-0.01	18	0.00	5
-644	Max	0.13	1	0.10	5	-0.01	1	0.00	5	0.00	1	0.00	5
-644	Min.	-0.13	1	-0.10	5	-0.06	18	-0.00	18	-0.00	18	0.00	5
-643	Max	0.13	1	0.10	5	-0.01	1	0.00	5	0.00	1	0.00	5
-643	Min.	-0.13	1	-0.10	5	-0.06	18	-0.00	18	-0.00	13	0.00	5
-642	Max	0.13	1	0.10	5	-0.01	1	0.00	5	0.00	1	0.00	5
-642	Min.	-0.13	1	-0.10	5	-0.06	18	-0.00	18	-0.00	13	0.00	5
-641	Max	0.13	1	0.10	5	-0.01	1	0.00	5	0.00	18	0.00	5
-641	Min.	-0.13	1	-0.10	5	-0.06	18	-0.00	18	0.00	5	0.00	5
-640	Max	0.13	1	0.10	5	-0.01	1	0.00	5	0.01	18	0.00	5
-640	Min.	-0.13	1	-0.10	5	-0.06	18	-0.00	18	0.00	1	0.00	5
-639	Max	0.13	1	0.10	5	-0.01	1	0.00	5	0.01	18	0.00	5
-639	Min.	-0.13	1	-0.10	5	-0.05	18	-0.00	18	0.00	1	0.00	5
-638	Max	0.13	1	0.10	5	-0.01	1	0.00	5	0.01	18	0.00	5
-638	Min.	-0.13	1	-0.10	5	-0.04	18	-0.00	18	0.00	1	0.00	5
-637	Max	0.13	1	0.10	5	-0.01	5	0.00	5	0.01	18	0.00	5
-637	Min.	-0.13	1	-0.10	5	-0.03	13	-0.00	18	0.00	1	0.00	5
-636	Max	0.13	1	0.10	5	-0.00	1	0.00	5	0.01	18	0.00	5
-636	Min.	-0.13	1	-0.10	5	-0.02	13	0.00	13	0.00	1	0.00	5
-635	Max	0.13	1	0.09	5	-0.00	5	0.00	5	-0.00	9	0.00	5
-635	Min.	-0.13	1	-0.09	5	-0.01	13	0.00	18	-0.01	18	0.00	5
-634	Max	0.13	1	0.09	5	-0.01	5	0.00	5	-0.00	9	0.00	5
-634	Min.	-0.13	1	-0.09	5	-0.01	18	0.00	18	-0.01	18	0.00	5
-633	Max	0.13	1	0.09	5	-0.01	5	0.00	5	-0.00	9	0.00	5
-633	Min.	-0.13	1	-0.09	5	-0.02	18	0.00	18	-0.01	18	0.00	5
-632	Max	0.13	1	0.09	5	-0.01	5	0.00	5	-0.00	9	0.00	5
-632	Min.	-0.13	1	-0.10	5	-0.03	18	0.00	18	-0.01	18	0.00	5
-631	Max	0.13	1	0.09	5	-0.02	5	0.00	5	-0.00	9	0.00	5
-631	Min.	-0.13	1	-0.10	5	-0.03	18	0.00	18	-0.01	18	0.00	5
-630	Max	0.13	1	0.10	5	-0.02	5	0.00	5	-0.00	5	0.00	5
-630	Min.	-0.13	1	-0.10	5	-0.04	18	0.00	18	-0.00	18	0.00	5
-629	Max	0.13	1	0.10	5	-0.02	9	0.00	5	0.00	5	0.00	5
-629	Min.	-0.13	1	-0.10	5	-0.04	18	0.00	18	-0.00	18	0.00	5
-628	Max	0.13	1	0.10	5	-0.02	9	0.00	5	0.00	28	0.00	5
-628	Min.	-0.13	1	-0.10	5	-0.04	18	0.00	18	0.00	5	0.00	5

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-627	Max	0.13	1	0.10	5	-0.02	9	0.00	5	0.00	13	0.00	5
-627	Min.	-0.13	1	-0.10	5	-0.04	18	0.00	18	0.00	5	0.00	5
-626	Max	0.13	1	0.10	5	-0.02	9	0.00	5	0.00	13	0.00	5
-626	Min.	-0.13	1	-0.10	5	-0.04	18	0.00	18	0.00	5	0.00	5
-625	Max	0.13	1	0.10	5	-0.02	31	0.00	5	0.00	18	0.00	5
-625	Min.	-0.13	1	-0.10	5	-0.03	18	0.00	18	0.00	9	0.00	5
-624	Max	0.13	1	0.10	5	-0.01	31	0.00	5	0.01	18	0.00	5
-624	Min.	-0.13	1	-0.10	5	-0.03	18	0.00	18	0.00	9	0.00	5
-623	Max	0.13	1	0.10	5	-0.01	31	0.00	5	0.01	18	0.00	5
-623	Min.	-0.13	1	-0.10	5	-0.02	18	0.00	18	0.00	29	0.00	5
-622	Max	0.13	1	0.10	5	-0.01	31	0.00	5	0.01	18	0.00	5
-622	Min.	-0.13	1	-0.10	5	-0.02	18	0.00	18	0.00	29	0.00	5
-621	Max	0.13	1	0.10	5	-0.01	9	0.00	5	0.01	18	0.00	5
-621	Min.	-0.13	1	-0.10	5	-0.01	18	0.00	5	0.00	29	0.00	5
-620	Max	0.13	1	0.10	5	-0.00	5	0.00	5	0.01	18	0.00	5
-620	Min.	-0.13	1	-0.10	5	-0.01	28	0.00	28	0.00	29	0.00	5
-619	Max	0.13	1	0.10	5	0.00	18	0.00	5	0.00	18	0.00	5
-619	Min.	-0.13	1	-0.10	5	-0.00	29	0.00	28	0.00	29	0.00	5
-618	Max	0.13	1	0.10	5	0.00	18	0.00	5	0.00	18	0.00	5
-618	Min.	-0.13	1	-0.10	5	-0.01	29	0.00	28	0.00	29	0.00	5
-617	Max	0.13	1	0.10	5	0.01	18	0.00	5	0.00	18	0.00	5
-617	Min.	-0.13	1	-0.10	5	-0.01	29	0.00	28	0.00	29	0.00	5
-616	Max	0.13	1	0.10	5	0.01	18	0.00	5	0.00	18	0.00	5
-616	Min.	-0.13	1	-0.10	5	-0.01	29	0.00	28	0.00	24	0.00	5
-615	Max	0.13	1	0.10	5	0.01	18	0.00	5	0.00	29	0.00	5
-615	Min.	-0.13	1	-0.10	5	-0.01	29	0.00	28	0.00	18	0.00	5
-614	Max	0.13	1	0.10	5	0.00	18	0.00	5	0.00	29	0.00	5
-614	Min.	-0.13	1	-0.10	5	-0.01	29	0.00	28	-0.00	18	0.00	5
-613	Max	0.13	1	0.10	5	-0.00	20	0.00	5	0.00	29	0.00	5
-613	Min.	-0.13	1	-0.10	5	-0.00	29	0.00	23	-0.01	18	0.00	5
-612	Max	0.13	1	0.10	5	-0.00	5	0.00	5	-0.00	29	0.00	5
-612	Min.	-0.13	1	-0.10	5	-0.01	33	0.00	23	-0.01	18	0.00	5
-611	Max	0.13	1	0.10	5	-0.00	5	0.00	5	-0.00	29	0.00	5
-611	Min.	-0.13	1	-0.10	5	-0.01	33	0.00	23	-0.01	18	0.00	5
-610	Max	0.13	1	0.10	5	-0.00	1	0.00	5	-0.00	29	0.00	5
-610	Min.	-0.13	1	-0.10	5	-0.01	18	0.00	18	-0.01	18	0.00	5
-609	Max	0.13	1	0.10	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-609	Min.	-0.13	1	-0.10	5	-0.02	18	0.00	18	-0.01	18	0.00	19
-608	Max	0.13	1	0.10	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-608	Min.	-0.13	1	-0.10	5	-0.03	18	0.00	18	-0.01	18	0.00	19
-607	Max	0.13	1	0.10	5	-0.01	1	0.00	5	-0.00	1	0.00	5
-607	Min.	-0.13	1	-0.10	5	-0.04	18	-0.00	18	-0.01	18	0.00	19
-606	Max	0.13	1	0.10	5	-0.01	1	0.00	5	-0.00	1	0.00	5
-606	Min.	-0.13	1	-0.10	5	-0.05	18	-0.00	18	-0.01	18	0.00	5
-605	Max	0.13	1	0.10	5	-0.01	1	0.00	5	0.00	1	0.00	5
-605	Min.	-0.13	1	-0.10	5	-0.06	18	-0.00	18	-0.00	18	0.00	5
-604	Max	0.13	1	0.10	5	-0.01	1	0.00	5	0.00	1	0.00	5
-604	Min.	-0.13	1	-0.10	5	-0.06	18	-0.00	18	-0.00	13	0.00	5
-603	Max	0.13	1	0.10	5	-0.01	1	0.00	5	0.00	1	0.00	5
-603	Min.	-0.13	1	-0.10	5	-0.06	18	-0.00	18	-0.00	13	0.00	5
-602	Max	0.13	1	0.10	5	-0.01	1	0.00	5	0.00	18	0.00	5
-602	Min.	-0.13	1	-0.10	5	-0.06	18	-0.00	18	0.00	5	0.00	5
-601	Max	0.13	1	0.10	5	-0.01	1	0.00	5	0.01	18	0.00	5
-601	Min.	-0.13	1	-0.10	5	-0.05	18	-0.00	18	0.00	1	0.00	5
-600	Max	0.13	1	0.10	5	-0.01	1	0.00	5	0.01	18	0.00	5
-600	Min.	-0.13	1	-0.10	5	-0.05	18	-0.00	18	0.00	1	0.00	5
-599	Max	0.13	1	0.10	5	-0.01	1	0.00	5	0.01	18	0.00	5
-599	Min.	-0.13	1	-0.10	5	-0.04	18	-0.00	18	0.00	1	0.00	5
-598	Max	0.13	1	0.10	5	-0.01	5	0.00	5	0.01	18	0.00	5
-598	Min.	-0.13	1	-0.10	5	-0.03	13	-0.00	13	0.00	1	0.00	5
-597	Max	0.13	1	0.10	5	-0.01	5	0.00	5	0.01	18	0.00	1
-597	Min.	-0.13	1	-0.10	5	-0.02	13	-0.00	13	0.00	1	0.00	1
-596	Max	0.13	1	0.10	5	-0.00	1	0.00	1	0.01	18	0.00	1
-596	Min.	-0.13	1	-0.10	5	-0.02	13	0.00	13	0.00	1	0.00	1
-595	Max	0.13	1	0.09	5	-0.00	5	0.00	5	-0.00	9	0.00	5
-595	Min.	-0.13	1	-0.09	5	-0.01	13	0.00	5	-0.01	18	0.00	5
-594	Max	0.13	1	0.09	5	-0.01	5	0.00	5	-0.00	9	0.00	5
-594	Min.	-0.13	1	-0.09	5	-0.02	18	0.00	18	-0.01	18	0.00	5
-593	Max	0.13	1	0.09	5	-0.01	5	0.00	5	-0.00	9	0.00	5
-593	Min.	-0.13	1	-0.10	5	-0.03	18	0.00	18	-0.01	18	0.00	5
-592	Max	0.13	1	0.09	5	-0.02	5	0.00	5	-0.00	9	0.00	5
-592	Min.	-0.13	1	-0.10	5	-0.03	18	0.00	18	-0.01	18	0.00	5
-591	Max	0.13	1	0.10	5	-0.02	9	0.00	5	-0.00	5	0.00	5
-591	Min.	-0.13	1	-0.10	5	-0.04	18	0.00	18	-0.00	18	0.00	5
-590	Max	0.13	1	0.10	5	-0.02	9	0.00	5	0.00	5	0.00	5
-590	Min.	-0.13	1	-0.10	5	-0.04	18	0.00	18	-0.00	18	0.00	5
-589	Max	0.13	1	0.10	5	-0.02	9	0.00	5	0.00	28	0.00	5
-589	Min.	-0.13	1	-0.10	5	-0.04	18	0.00	18	0.00	5	0.00	5
-588	Max	0.13	1	0.10	5	-0.02	9	0.00	5	0.00	13	0.00	5

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-588	Min.	-0.13	1	-0.10	5	-0.04	18	0.00	18	0.00	5	0.00	5
-587	Max	0.13	1	0.10	5	-0.02	9	0.00	5	0.00	13	0.00	5
-587	Min.	-0.13	1	-0.10	5	-0.04	18	0.00	18	0.00	5	0.00	5
-586	Max	0.13	1	0.10	5	-0.02	31	0.00	5	0.00	18	0.00	5
-586	Min.	-0.13	1	-0.10	5	-0.03	18	0.00	18	0.00	9	0.00	5
-585	Max	0.13	1	0.10	5	-0.01	31	0.00	5	0.01	18	0.00	5
-585	Min.	-0.13	1	-0.10	5	-0.03	18	0.00	18	0.00	9	0.00	5
-584	Max	0.13	1	0.10	5	-0.01	31	0.00	5	0.01	18	0.00	5
-584	Min.	-0.13	1	-0.10	5	-0.02	18	0.00	18	0.00	29	0.00	5
-583	Max	0.13	1	0.10	5	-0.01	31	0.00	5	0.01	18	0.00	5
-583	Min.	-0.13	1	-0.10	5	-0.02	18	0.00	18	0.00	29	0.00	5
-582	Max	0.13	1	0.10	5	-0.01	9	0.00	5	0.01	18	0.00	5
-582	Min.	-0.13	1	-0.10	5	-0.01	18	0.00	5	0.00	29	0.00	5
-581	Max	0.13	1	0.10	5	0.00	18	0.00	5	0.00	18	0.00	5
-581	Min.	-0.13	1	-0.10	5	-0.00	29	0.00	28	0.00	29	0.00	5
-580	Max	0.13	1	0.10	5	0.00	18	0.00	5	0.00	18	0.00	5
-580	Min.	-0.13	1	-0.10	5	-0.01	29	0.00	28	0.00	29	0.00	5
-579	Max	0.13	1	0.10	5	0.01	18	0.00	5	0.00	18	0.00	5
-579	Min.	-0.13	1	-0.10	5	-0.01	29	0.00	28	0.00	29	0.00	5
-578	Max	0.13	1	0.10	5	0.01	18	0.00	5	0.00	18	0.00	5
-578	Min.	-0.13	1	-0.10	5	-0.01	29	0.00	28	0.00	24	0.00	5
-577	Max	0.13	1	0.10	5	0.01	18	0.00	5	0.00	29	0.00	5
-577	Min.	-0.13	1	-0.10	5	-0.01	29	0.00	28	0.00	13	0.00	5
-576	Max	0.13	1	0.10	5	0.00	18	0.00	5	0.00	29	0.00	5
-576	Min.	-0.13	1	-0.10	5	-0.01	29	0.00	28	-0.00	18	0.00	5
-575	Max	0.13	1	0.10	5	-0.00	20	0.00	5	0.00	29	0.00	5
-575	Min.	-0.13	1	-0.10	5	-0.00	29	0.00	23	-0.01	18	0.00	5
-574	Max	0.13	1	0.10	5	-0.00	5	0.00	5	-0.00	29	0.00	5
-574	Min.	-0.13	1	-0.10	5	-0.01	33	0.00	23	-0.01	18	0.00	5
-573	Max	0.13	1	0.10	5	-0.00	1	0.00	5	-0.00	29	0.00	5
-573	Min.	-0.13	1	-0.10	5	-0.01	18	0.00	33	-0.01	18	0.00	5
-572	Max	0.13	1	0.10	5	-0.01	1	0.00	5	-0.00	1	0.00	5
-572	Min.	-0.13	1	-0.10	5	-0.02	18	0.00	18	-0.01	18	0.00	19
-571	Max	0.13	1	0.10	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-571	Min.	-0.13	1	-0.10	5	-0.03	18	0.00	18	-0.01	18	0.00	19
-570	Max	0.13	1	0.10	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-570	Min.	-0.13	1	-0.10	5	-0.04	18	-0.00	18	-0.01	18	0.00	19
-569	Max	0.13	1	0.10	5	-0.01	1	0.00	5	-0.00	1	0.00	5
-569	Min.	-0.13	1	-0.10	5	-0.05	18	-0.00	18	-0.01	18	0.00	5
-568	Max	0.13	1	0.10	5	-0.01	1	0.00	5	0.00	1	0.00	5
-568	Min.	-0.13	1	-0.10	5	-0.06	18	-0.00	18	-0.00	18	0.00	5
-567	Max	0.13	1	0.10	5	-0.01	1	0.00	5	0.00	1	0.00	5
-567	Min.	-0.13	1	-0.10	5	-0.06	18	-0.00	18	-0.00	13	0.00	5
-566	Max	0.13	1	0.10	5	-0.01	1	0.00	5	0.00	1	0.00	5
-566	Min.	-0.13	1	-0.10	5	-0.06	18	-0.00	18	-0.00	13	0.00	5
-565	Max	0.13	1	0.10	5	-0.01	1	0.00	5	0.00	18	0.00	5
-565	Min.	-0.13	1	-0.10	5	-0.06	18	-0.00	18	0.00	5	0.00	5
-564	Max	0.13	1	0.10	5	-0.01	1	0.00	5	0.01	18	0.00	5
-564	Min.	-0.13	1	-0.10	5	-0.05	18	-0.00	18	0.00	1	0.00	5
-563	Max	0.13	1	0.10	5	-0.01	1	0.00	5	0.01	18	0.00	5
-563	Min.	-0.13	1	-0.10	5	-0.05	18	-0.00	18	0.00	1	0.00	5
-562	Max	0.13	1	0.10	5	-0.01	1	0.00	5	0.01	18	0.00	5
-562	Min.	-0.13	1	-0.10	5	-0.04	18	-0.00	18	0.00	1	0.00	5
-561	Max	0.13	1	0.10	5	-0.01	5	0.00	5	0.01	18	0.00	5
-561	Min.	-0.13	1	-0.10	5	-0.03	13	-0.00	13	0.00	1	0.00	5
-560	Max	0.13	1	0.10	5	-0.00	1	0.00	1	0.01	18	0.00	1
-560	Min.	-0.13	1	-0.10	5	-0.02	13	0.00	13	0.00	1	0.00	1
-559	Max	0.13	1	0.09	5	-0.00	5	0.00	5	-0.00	9	0.00	5
-559	Min.	-0.13	1	-0.09	5	-0.01	13	0.00	5	-0.01	18	0.00	5
-558	Max	0.13	1	0.09	5	-0.01	5	0.00	5	-0.00	9	0.00	5
-558	Min.	-0.13	1	-0.09	5	-0.01	18	0.00	5	-0.01	18	0.00	5
-557	Max	0.13	1	0.09	5	-0.01	5	0.00	5	-0.00	9	0.00	5
-557	Min.	-0.13	1	-0.09	5	-0.02	18	0.00	5	-0.01	18	0.00	5
-556	Max	0.13	1	0.09	5	-0.01	5	0.00	5	-0.00	9	0.00	5
-556	Min.	-0.13	1	-0.10	5	-0.03	18	0.00	5	-0.01	18	0.00	5
-555	Max	0.13	1	0.09	5	-0.02	5	0.00	5	-0.00	5	0.00	5
-555	Min.	-0.13	1	-0.10	5	-0.03	18	0.00	5	-0.01	18	0.00	5
-554	Max	0.13	1	0.10	5	-0.02	9	0.00	5	-0.00	5	0.00	5
-554	Min.	-0.13	1	-0.10	5	-0.04	18	0.00	18	-0.00	18	0.00	5
-553	Max	0.13	1	0.10	5	-0.02	9	0.00	5	0.00	5	0.00	5
-553	Min.	-0.13	1	-0.10	5	-0.04	18	0.00	18	-0.00	18	0.00	5
-552	Max	0.13	1	0.10	5	-0.02	9	0.00	5	0.00	28	0.00	5
-552	Min.	-0.13	1	-0.10	5	-0.04	18	0.00	18	0.00	19	0.00	5
-551	Max	0.13	1	0.10	5	-0.02	9	0.00	5	0.00	13	0.00	5
-551	Min.	-0.13	1	-0.10	5	-0.04	18	0.00	18	0.00	5	0.00	5
-550	Max	0.13	1	0.10	5	-0.02	31	0.00	5	0.00	18	0.00	5
-550	Min.	-0.13	1	-0.10	5	-0.04	18	0.00	18	0.00	9	0.00	5
-549	Max	0.13	1	0.10	5	-0.02	31	0.00	5	0.00	18	0.00	5
-549	Min.	-0.13	1	-0.10	5	-0.03	18	0.00	18	0.00	9	0.00	5

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-548	Max	0.13	1	0.10	5	-0.01	31	0.00	5	0.01	18	0.00	5
-548	Min.	-0.13	1	-0.10	5	-0.03	18	0.00	18	0.00	9	0.00	5
-547	Max	0.13	1	0.10	5	-0.01	31	0.00	5	0.01	18	0.00	5
-547	Min.	-0.13	1	-0.10	5	-0.02	18	0.00	18	0.00	29	0.00	5
-546	Max	0.13	1	0.10	5	-0.01	31	0.00	5	0.01	18	0.00	5
-546	Min.	-0.13	1	-0.10	5	-0.02	18	0.00	18	0.00	29	0.00	5
-545	Max	0.13	1	0.10	5	-0.01	9	0.00	5	0.01	18	0.00	5
-545	Min.	-0.13	1	-0.10	5	-0.01	18	0.00	5	0.00	29	0.00	5
-544	Max	0.13	1	0.10	5	-0.00	5	0.00	5	0.01	18	0.00	5
-544	Min.	-0.13	1	-0.10	5	-0.01	28	0.00	5	0.00	29	0.00	5
-543	Max	0.13	1	0.10	5	0.00	18	0.00	5	0.00	18	0.00	5
-543	Min.	-0.13	1	-0.10	5	-0.00	29	0.00	28	0.00	29	0.00	5
-542	Max	0.13	1	0.10	5	0.00	18	0.00	5	0.00	18	0.00	5
-542	Min.	-0.13	1	-0.10	5	-0.01	29	0.00	28	0.00	29	0.00	5
-541	Max	0.13	1	0.10	5	0.01	18	0.00	5	0.00	18	0.00	5
-541	Min.	-0.13	1	-0.10	5	-0.01	29	0.00	28	0.00	29	0.00	5
-540	Max	0.13	1	0.10	5	0.01	18	0.00	5	0.00	18	0.00	5
-540	Min.	-0.13	1	-0.10	5	-0.01	29	0.00	28	0.00	24	0.00	5
-539	Max	0.13	1	0.10	5	0.01	18	0.00	5	0.00	29	0.00	5
-539	Min.	-0.13	1	-0.10	5	-0.01	29	0.00	28	0.00	18	0.00	5
-538	Max	0.13	1	0.10	5	0.00	18	0.00	5	0.00	29	0.00	5
-538	Min.	-0.13	1	-0.10	5	-0.01	29	0.00	28	-0.00	18	0.00	5
-537	Max	0.13	1	0.10	5	-0.00	20	0.00	5	0.00	29	0.00	5
-537	Min.	-0.13	1	-0.10	5	-0.00	29	0.00	5	-0.01	18	0.00	5
-536	Max	0.13	1	0.10	5	-0.00	1	0.00	5	-0.00	29	0.00	5
-536	Min.	-0.13	1	-0.10	5	-0.01	33	0.00	5	-0.01	18	0.00	5
-535	Max	0.13	1	0.10	5	-0.00	1	0.00	5	-0.00	29	0.00	5
-535	Min.	-0.13	1	-0.10	5	-0.01	33	0.00	5	-0.01	18	0.00	5
-534	Max	0.13	1	0.10	5	-0.00	1	0.00	5	-0.00	29	0.00	5
-534	Min.	-0.13	1	-0.10	5	-0.01	18	0.00	18	-0.01	18	0.00	5
-533	Max	0.13	1	0.10	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-533	Min.	-0.13	1	-0.10	5	-0.02	18	0.00	18	-0.01	18	0.00	19
-532	Max	0.13	1	0.10	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-532	Min.	-0.13	1	-0.10	5	-0.03	18	0.00	18	-0.01	18	0.00	19
-531	Max	0.13	1	0.10	5	-0.01	1	0.00	5	-0.00	1	0.00	5
-531	Min.	-0.13	1	-0.10	5	-0.04	18	-0.00	18	-0.01	18	0.00	19
-530	Max	0.13	1	0.10	5	-0.01	1	0.00	5	-0.00	1	0.00	5
-530	Min.	-0.13	1	-0.10	5	-0.05	18	-0.00	18	-0.01	18	0.00	5
-529	Max	0.13	1	0.10	5	-0.01	1	0.00	5	0.00	1	0.00	5
-529	Min.	-0.13	1	-0.10	5	-0.05	18	-0.00	18	-0.00	18	0.00	5
-528	Max	0.13	1	0.10	5	-0.01	1	0.00	5	0.00	1	0.00	5
-528	Min.	-0.13	1	-0.10	5	-0.06	18	-0.00	18	-0.00	13	0.00	5
-527	Max	0.13	1	0.10	5	-0.01	1	0.00	5	0.00	19	0.00	5
-527	Min.	-0.13	1	-0.10	5	-0.06	18	-0.00	18	0.00	13	0.00	5
-526	Max	0.13	1	0.10	5	-0.01	1	0.00	5	0.00	18	0.00	5
-526	Min.	-0.13	1	-0.10	5	-0.06	18	-0.00	18	0.00	5	0.00	5
-525	Max	0.13	1	0.10	5	-0.01	1	0.00	5	0.01	18	0.00	5
-525	Min.	-0.13	1	-0.10	5	-0.05	18	-0.00	18	0.00	1	0.00	5
-524	Max	0.13	1	0.10	5	-0.01	1	0.00	5	0.01	18	0.00	5
-524	Min.	-0.13	1	-0.10	5	-0.05	18	-0.00	18	0.00	1	0.00	5
-523	Max	0.13	1	0.10	5	-0.01	1	0.00	5	0.01	18	0.00	5
-523	Min.	-0.13	1	-0.10	5	-0.04	18	-0.00	18	0.00	1	0.00	5
-522	Max	0.13	1	0.10	5	-0.01	1	0.00	5	0.01	18	0.00	5
-522	Min.	-0.13	1	-0.10	5	-0.03	18	-0.00	13	0.00	1	0.00	5
-521	Max	0.13	1	0.10	5	-0.01	5	0.00	5	0.01	18	0.00	5
-521	Min.	-0.13	1	-0.10	5	-0.02	13	0.00	13	0.00	1	0.00	5
-520	Max	0.13	1	0.10	5	-0.00	1	0.00	5	0.01	18	0.00	5
-520	Min.	-0.13	1	-0.10	5	-0.02	13	0.00	13	0.00	1	0.00	5
-519	Max	0.13	1	0.09	5	-0.00	5	0.00	5	-0.00	5	0.00	5
-519	Min.	-0.13	1	-0.09	5	-0.01	13	0.00	5	-0.01	18	0.00	5
-518	Max	0.13	1	0.09	5	-0.01	5	0.00	5	-0.00	5	0.00	5
-518	Min.	-0.13	1	-0.09	5	-0.01	18	0.00	5	-0.01	18	0.00	5
-517	Max	0.13	1	0.09	5	-0.01	5	0.00	5	-0.00	5	0.00	5
-517	Min.	-0.13	1	-0.09	5	-0.02	18	0.00	5	-0.01	18	0.00	5
-516	Max	0.13	1	0.09	5	-0.01	5	0.00	5	-0.00	5	0.00	5
-516	Min.	-0.13	1	-0.10	5	-0.03	18	0.00	5	-0.01	18	0.00	5
-515	Max	0.13	1	0.09	5	-0.02	9	0.00	5	-0.00	9	0.00	5
-515	Min.	-0.13	1	-0.10	5	-0.03	18	0.00	5	-0.01	18	0.00	5
-514	Max	0.13	1	0.10	5	-0.02	9	0.00	5	-0.00	5	0.00	5
-514	Min.	-0.13	1	-0.10	5	-0.04	18	0.00	5	-0.00	18	0.00	5
-513	Max	0.13	1	0.10	5	-0.02	9	0.00	5	0.00	30	0.00	5
-513	Min.	-0.13	1	-0.10	5	-0.04	18	0.00	5	-0.00	18	0.00	5
-512	Max	0.13	1	0.10	5	-0.02	9	0.00	5	0.00	28	0.00	5
-512	Min.	-0.13	1	-0.10	5	-0.04	18	0.00	5	0.00	19	0.00	5
-511	Max	0.13	1	0.10	5	-0.02	9	0.00	5	0.00	13	0.00	5
-511	Min.	-0.13	1	-0.10	5	-0.04	18	0.00	5	0.00	5	0.00	5
-510	Max	0.13	1	0.10	5	-0.02	31	0.00	5	0.00	18	0.00	5
-510	Min.	-0.13	1	-0.10	5	-0.04	18	0.00	5	0.00	9	0.00	5
-509	Max	0.13	1	0.10	5	-0.02	31	0.00	5	0.00	18	0.00	5

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-509	Min.	-0.13	1	-0.10	5	-0.03	18	0.00	19	0.00	9	0.00	5
-508	Max	0.13	1	0.10	5	-0.01	31	0.00	5	0.01	18	0.00	5
-508	Min.	-0.13	1	-0.10	5	-0.03	18	0.00	19	0.00	9	0.00	5
-507	Max	0.13	1	0.10	5	-0.01	31	0.00	5	0.01	18	0.00	5
-507	Min.	-0.13	1	-0.10	5	-0.02	18	0.00	19	0.00	29	0.00	5
-506	Max	0.13	1	0.10	5	-0.01	31	0.00	5	0.01	18	0.00	5
-506	Min.	-0.13	1	-0.10	5	-0.02	18	0.00	5	0.00	29	0.00	5
-505	Max	0.13	1	0.10	5	-0.01	9	0.00	5	0.01	18	0.00	5
-505	Min.	-0.13	1	-0.10	5	-0.01	18	0.00	5	0.00	29	0.00	5
-504	Max	0.13	1	0.10	5	-0.00	9	0.00	5	0.01	18	0.00	5
-504	Min.	-0.13	1	-0.10	5	-0.01	28	0.00	5	0.00	29	0.00	5
-503	Max	0.13	1	0.10	5	0.00	18	0.00	5	0.00	18	0.00	5
-503	Min.	-0.13	1	-0.10	5	-0.00	29	0.00	28	0.00	29	0.00	5
-502	Max	0.13	1	0.10	5	0.00	18	0.00	5	0.00	18	0.00	5
-502	Min.	-0.13	1	-0.10	5	-0.00	29	0.00	29	0.00	29	0.00	5
-501	Max	0.13	1	0.10	5	0.01	18	0.00	5	0.00	18	0.00	5
-501	Min.	-0.13	1	-0.10	5	-0.01	29	0.00	29	0.00	29	0.00	5
-500	Max	0.13	1	0.10	5	0.01	18	0.00	5	0.00	18	0.00	5
-500	Min.	-0.13	1	-0.10	5	-0.01	29	0.00	29	0.00	1	0.00	5
-499	Max	0.13	1	0.10	5	0.01	18	0.00	5	0.00	29	0.00	5
-499	Min.	-0.13	1	-0.10	5	-0.01	29	0.00	29	0.00	18	0.00	5
-498	Max	0.13	1	0.10	5	0.00	18	0.00	5	0.00	29	0.00	5
-498	Min.	-0.13	1	-0.10	5	-0.00	29	0.00	29	-0.00	18	0.00	5
-497	Max	0.13	1	0.10	5	-0.00	20	0.00	5	0.00	29	0.00	5
-497	Min.	-0.13	1	-0.10	5	-0.00	29	0.00	28	-0.01	18	0.00	5
-496	Max	0.13	1	0.10	5	-0.00	1	0.00	5	-0.00	29	0.00	5
-496	Min.	-0.13	1	-0.10	5	-0.01	33	0.00	23	-0.01	18	0.00	5
-495	Max	0.13	1	0.10	5	-0.00	1	0.00	5	-0.00	29	0.00	5
-495	Min.	-0.13	1	-0.10	5	-0.01	33	0.00	23	-0.01	18	0.00	5
-494	Max	0.13	1	0.10	5	-0.00	1	0.00	5	-0.00	1	0.00	5
-494	Min.	-0.13	1	-0.10	5	-0.01	18	0.00	33	-0.01	18	0.00	19
-493	Max	0.13	1	0.10	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-493	Min.	-0.13	1	-0.10	5	-0.02	18	0.00	19	-0.01	18	0.00	19
-492	Max	0.13	1	0.10	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-492	Min.	-0.13	1	-0.10	5	-0.03	18	0.00	19	-0.01	18	0.00	19
-491	Max	0.13	1	0.10	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-491	Min.	-0.13	1	-0.10	5	-0.04	18	-0.00	19	-0.01	18	0.00	19
-490	Max	0.13	1	0.10	5	-0.01	1	0.00	5	-0.00	1	0.00	5
-490	Min.	-0.13	1	-0.10	5	-0.05	18	-0.00	19	-0.01	18	0.00	5
-489	Max	0.13	1	0.10	5	-0.01	1	0.00	5	0.00	1	0.00	5
-489	Min.	-0.13	1	-0.10	5	-0.05	18	-0.00	19	-0.00	18	0.00	5
-488	Max	0.13	1	0.10	5	-0.01	1	0.00	5	0.00	1	0.00	5
-488	Min.	-0.13	1	-0.10	5	-0.06	18	-0.00	19	-0.00	13	0.00	5
-487	Max	0.13	1	0.10	5	-0.01	1	0.00	5	0.00	19	0.00	5
-487	Min.	-0.13	1	-0.10	5	-0.06	18	-0.00	19	0.00	13	0.00	5
-486	Max	0.13	1	0.10	5	-0.01	1	0.00	5	0.00	18	0.00	5
-486	Min.	-0.13	1	-0.10	5	-0.06	18	-0.00	19	0.00	1	0.00	5
-485	Max	0.13	1	0.10	5	-0.01	1	0.00	5	0.01	18	0.00	5
-485	Min.	-0.13	1	-0.10	5	-0.05	18	-0.00	19	0.00	1	0.00	5
-484	Max	0.13	1	0.10	5	-0.01	1	0.00	5	0.01	18	0.00	5
-484	Min.	-0.13	1	-0.10	5	-0.04	18	-0.00	19	0.00	1	0.00	5
-483	Max	0.13	1	0.10	5	-0.01	1	0.00	5	0.01	18	0.00	5
-483	Min.	-0.13	1	-0.10	5	-0.04	18	-0.00	14	0.00	1	0.00	5
-482	Max	0.13	1	0.10	5	-0.01	1	0.00	5	0.01	18	0.00	5
-482	Min.	-0.13	1	-0.10	5	-0.03	18	-0.00	14	0.00	1	0.00	5
-481	Max	0.13	1	0.10	5	-0.01	5	0.00	5	0.01	18	0.00	5
-481	Min.	-0.13	1	-0.10	5	-0.02	13	-0.00	14	0.00	1	0.00	5
-480	Max	0.13	1	0.10	5	-0.00	1	0.00	5	0.01	18	0.00	5
-480	Min.	-0.13	1	-0.10	5	-0.02	13	-0.00	14	0.00	1	0.00	5
-479	Max	0.13	1	0.09	5	-0.00	5	0.00	5	-0.00	9	0.00	5
-479	Min.	-0.13	1	-0.09	5	-0.01	13	-0.00	5	-0.01	18	0.00	5
-478	Max	0.13	1	0.09	5	-0.01	9	0.00	5	-0.00	5	0.00	5
-478	Min.	-0.13	1	-0.09	5	-0.02	18	-0.00	5	-0.01	18	0.00	5
-477	Max	0.13	1	0.09	5	-0.01	9	0.00	5	-0.00	9	0.00	5
-477	Min.	-0.13	1	-0.10	5	-0.03	18	0.00	5	-0.01	18	0.00	5
-476	Max	0.13	1	0.09	5	-0.02	9	0.00	5	-0.00	9	0.00	5
-476	Min.	-0.13	1	-0.10	5	-0.03	18	0.00	5	-0.01	18	0.00	5
-475	Max	0.13	1	0.10	5	-0.02	9	0.00	5	-0.00	31	0.00	5
-475	Min.	-0.13	1	-0.10	5	-0.04	18	0.00	5	-0.00	18	0.00	5
-474	Max	0.13	1	0.10	5	-0.02	9	0.00	5	0.00	30	0.00	5
-474	Min.	-0.13	1	-0.10	5	-0.04	18	0.00	5	-0.00	18	0.00	5
-473	Max	0.13	1	0.10	5	-0.02	9	0.00	5	0.00	28	0.00	5
-473	Min.	-0.13	1	-0.10	5	-0.04	18	0.00	5	0.00	19	0.00	5
-472	Max	0.13	1	0.10	5	-0.02	9	0.00	5	0.00	13	0.00	5
-472	Min.	-0.13	1	-0.10	5	-0.04	18	0.00	5	0.00	9	0.00	5
-471	Max	0.13	1	0.10	5	-0.02	9	0.00	5	0.00	18	0.00	5
-471	Min.	-0.13	1	-0.10	5	-0.04	18	0.00	5	0.00	9	0.00	5
-470	Max	0.13	1	0.10	5	-0.02	31	0.00	5	0.00	18	0.00	5
-470	Min.	-0.13	1	-0.10	5	-0.03	18	0.00	5	0.00	9	0.00	5

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-469	Max	0.13	1	0.10	5	-0.01	31	0.00	5	0.01	18	0.00	5
-469	Min.	-0.13	1	-0.10	5	-0.03	18	0.00	5	0.00	9	0.00	5
-468	Max	0.13	1	0.10	5	-0.01	31	0.00	5	0.01	18	0.00	5
-468	Min.	-0.13	1	-0.10	5	-0.02	18	0.00	5	0.00	29	0.00	5
-467	Max	0.13	1	0.10	5	-0.01	31	0.00	5	0.01	18	0.00	5
-467	Min.	-0.13	1	-0.10	5	-0.02	18	0.00	5	0.00	29	0.00	5
-466	Max	0.13	1	0.10	5	-0.01	9	0.00	5	0.01	18	0.00	5
-466	Min.	-0.13	1	-0.10	5	-0.01	18	0.00	5	0.00	29	0.00	5
-465	Max	0.13	1	0.10	5	0.00	18	0.00	5	0.00	18	0.00	5
-465	Min.	-0.13	1	-0.10	5	-0.00	29	0.00	29	0.00	29	0.00	5
-464	Max	0.13	1	0.10	5	0.00	18	0.00	5	0.00	18	0.00	5
-464	Min.	-0.13	1	-0.10	5	-0.00	29	0.00	29	0.00	29	0.00	5
-463	Max	0.13	1	0.10	5	0.01	18	0.00	5	0.00	18	0.00	5
-463	Min.	-0.13	1	-0.10	5	-0.00	29	0.00	29	0.00	29	0.00	5
-462	Max	0.13	1	0.10	5	0.01	18	0.00	5	0.00	18	0.00	5
-462	Min.	-0.13	1	-0.10	5	-0.00	29	0.00	29	0.00	1	0.00	5
-461	Max	0.13	1	0.10	5	0.01	18	0.00	5	0.00	29	0.00	5
-461	Min.	-0.13	1	-0.10	5	-0.00	29	0.00	29	0.00	18	0.00	5
-460	Max	0.13	1	0.10	5	0.00	18	0.00	5	0.00	29	0.00	5
-460	Min.	-0.13	1	-0.10	5	-0.00	29	0.00	29	-0.00	18	0.00	5
-459	Max	0.13	1	0.10	5	-0.00	20	0.00	5	0.00	29	0.00	5
-459	Min.	-0.13	1	-0.10	5	-0.00	29	0.00	29	-0.01	18	0.00	5
-458	Max	0.13	1	0.10	5	-0.00	5	0.00	5	-0.00	29	0.00	5
-458	Min.	-0.13	1	-0.10	5	-0.01	33	0.00	24	-0.01	18	0.00	5
-457	Max	0.13	1	0.10	5	-0.00	1	0.00	5	-0.00	1	0.00	5
-457	Min.	-0.13	1	-0.10	5	-0.01	18	0.00	34	-0.01	18	0.00	5
-456	Max	0.13	1	0.10	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-456	Min.	-0.13	1	-0.10	5	-0.02	18	0.00	19	-0.01	18	0.00	19
-455	Max	0.13	1	0.10	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-455	Min.	-0.13	1	-0.10	5	-0.03	18	0.00	19	-0.01	18	0.00	19
-454	Max	0.13	1	0.10	5	-0.01	1	0.00	5	-0.00	1	0.00	5
-454	Min.	-0.13	1	-0.10	5	-0.04	18	-0.00	19	-0.01	18	0.00	19
-453	Max	0.13	1	0.10	5	-0.01	1	0.00	5	-0.00	1	0.00	5
-453	Min.	-0.13	1	-0.10	5	-0.05	18	-0.00	19	-0.01	18	0.00	5
-452	Max	0.13	1	0.10	5	-0.01	1	0.00	5	0.00	1	0.00	5
-452	Min.	-0.13	1	-0.10	5	-0.05	18	-0.00	19	-0.00	18	0.00	5
-451	Max	0.13	1	0.10	5	-0.01	1	0.00	5	0.00	1	0.00	5
-451	Min.	-0.13	1	-0.10	5	-0.05	18	-0.00	19	-0.00	13	0.00	5
-450	Max	0.13	1	0.10	5	-0.01	1	0.00	5	0.00	19	0.00	5
-450	Min.	-0.13	1	-0.10	5	-0.05	18	-0.00	19	0.00	13	0.00	5
-449	Max	0.13	1	0.10	5	-0.01	1	0.00	5	0.00	18	0.00	5
-449	Min.	-0.13	1	-0.10	5	-0.05	18	-0.00	19	0.00	1	0.00	5
-448	Max	0.13	1	0.10	5	-0.01	1	0.00	5	0.01	18	0.00	5
-448	Min.	-0.13	1	-0.10	5	-0.05	18	-0.00	19	0.00	1	0.00	5
-447	Max	0.13	1	0.10	5	-0.01	1	0.00	5	0.01	18	0.00	5
-447	Min.	-0.13	1	-0.10	5	-0.04	18	-0.00	19	0.00	1	0.00	5
-446	Max	0.13	1	0.10	5	-0.01	1	0.00	5	0.01	18	0.00	5
-446	Min.	-0.13	1	-0.10	5	-0.04	18	-0.00	14	0.00	1	0.00	5
-445	Max	0.13	1	0.10	5	-0.01	1	0.00	5	0.01	18	0.00	5
-445	Min.	-0.13	1	-0.10	5	-0.03	18	-0.00	14	0.00	1	0.00	5
-444	Max	0.13	1	0.10	5	-0.00	1	0.00	5	0.01	18	0.00	1
-444	Min.	-0.13	1	-0.10	5	-0.02	13	-0.00	5	0.00	1	0.00	1
-443	Max	0.13	1	0.09	5	-0.01	5	0.00	5	-0.00	9	0.00	5
-443	Min.	-0.13	1	-0.09	5	-0.01	13	-0.00	5	-0.01	18	0.00	5
-442	Max	0.13	1	0.09	5	-0.01	9	0.00	5	-0.00	9	0.00	5
-442	Min.	-0.13	1	-0.09	5	-0.01	18	-0.00	5	-0.01	18	0.00	5
-441	Max	0.13	1	0.09	5	-0.01	9	0.00	5	-0.00	9	0.00	5
-441	Min.	-0.13	1	-0.09	5	-0.02	18	-0.00	5	-0.01	18	0.00	5
-440	Max	0.13	1	0.09	5	-0.01	9	0.00	5	-0.00	9	0.00	5
-440	Min.	-0.13	1	-0.10	5	-0.03	18	-0.00	5	-0.01	18	0.00	5
-439	Max	0.13	1	0.09	5	-0.02	9	0.00	5	-0.00	9	0.00	5
-439	Min.	-0.13	1	-0.10	5	-0.03	18	0.00	5	-0.01	18	0.00	5
-438	Max	0.13	1	0.10	5	-0.02	9	0.00	5	-0.00	31	0.00	5
-438	Min.	-0.13	1	-0.10	5	-0.04	18	0.00	5	-0.00	18	0.00	5
-437	Max	0.13	1	0.10	5	-0.02	9	0.00	5	0.00	30	0.00	5
-437	Min.	-0.13	1	-0.10	5	-0.04	18	0.00	5	-0.00	18	0.00	5
-436	Max	0.13	1	0.10	5	-0.02	9	0.00	5	0.00	28	0.00	5
-436	Min.	-0.13	1	-0.10	5	-0.04	18	0.00	5	0.00	19	0.00	5
-435	Max	0.13	1	0.10	5	-0.02	9	0.00	5	0.00	13	0.00	5
-435	Min.	-0.13	1	-0.10	5	-0.04	18	0.00	5	0.00	5	0.00	5
-434	Max	0.13	1	0.10	5	-0.02	9	0.00	5	0.00	18	0.00	5
-434	Min.	-0.13	1	-0.10	5	-0.04	18	0.00	5	0.00	9	0.00	5
-433	Max	0.13	1	0.10	5	-0.02	9	0.00	5	0.00	18	0.00	5
-433	Min.	-0.13	1	-0.10	5	-0.03	18	0.00	5	0.00	9	0.00	5
-432	Max	0.13	1	0.10	5	-0.01	31	0.00	5	0.01	18	0.00	5
-432	Min.	-0.13	1	-0.10	5	-0.03	18	0.00	5	0.00	9	0.00	5
-431	Max	0.13	1	0.10	5	-0.01	31	0.00	5	0.01	18	0.00	5
-431	Min.	-0.13	1	-0.10	5	-0.02	18	0.00	5	0.00	29	0.00	5
-430	Max	0.13	1	0.10	5	-0.01	31	0.00	5	0.01	18	0.00	5

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-430	Min.	-0.13	1	-0.10	5	-0.02	18	0.00	5	0.00	29	0.00	5
-429	Max	0.13	1	0.10	5	-0.01	9	0.00	5	0.01	18	0.00	5
-429	Min.	-0.13	1	-0.10	5	-0.01	18	0.00	5	0.00	29	0.00	5
-428	Max	0.13	1	0.10	5	-0.00	5	0.00	5	0.01	18	0.00	5
-428	Min.	-0.13	1	-0.10	5	-0.01	28	0.00	5	0.00	29	0.00	5
-427	Max	0.13	1	0.10	5	0.00	18	0.00	5	0.00	18	0.00	5
-427	Min.	-0.13	1	-0.10	5	-0.00	29	0.00	29	0.00	29	0.00	5
-426	Max	0.13	1	0.10	5	0.00	18	0.00	5	0.00	18	0.00	5
-426	Min.	-0.13	1	-0.10	5	-0.00	29	0.00	29	0.00	29	0.00	5
-425	Max	0.13	1	0.10	5	0.01	18	0.00	5	0.00	18	0.00	5
-425	Min.	-0.13	1	-0.10	5	-0.00	29	0.00	29	0.00	29	0.00	5
-424	Max	0.13	1	0.10	5	0.01	18	0.00	5	0.00	18	0.00	5
-424	Min.	-0.13	1	-0.10	5	-0.00	29	0.00	29	0.00	1	0.00	5
-423	Max	0.13	1	0.10	5	0.01	18	0.00	5	0.00	29	0.00	5
-423	Min.	-0.13	1	-0.10	5	-0.00	29	0.00	29	0.00	18	0.00	5
-422	Max	0.13	1	0.10	5	0.00	18	0.00	5	0.00	29	0.00	5
-422	Min.	-0.13	1	-0.10	5	-0.00	29	0.00	29	-0.00	18	0.00	5
-421	Max	0.13	1	0.10	5	-0.00	20	0.00	5	0.00	29	0.00	5
-421	Min.	-0.13	1	-0.10	5	-0.00	29	0.00	29	-0.01	18	0.00	5
-420	Max	0.13	1	0.10	5	-0.00	5	0.00	5	-0.00	29	0.00	5
-420	Min.	-0.13	1	-0.10	5	-0.01	33	0.00	24	-0.01	18	0.00	5
-419	Max	0.13	1	0.10	5	-0.00	5	0.00	5	-0.00	29	0.00	5
-419	Min.	-0.13	1	-0.10	5	-0.01	33	0.00	24	-0.01	18	0.00	5
-418	Max	0.13	1	0.10	5	-0.00	1	0.00	5	-0.00	1	0.00	5
-418	Min.	-0.13	1	-0.10	5	-0.01	18	0.00	34	-0.01	18	0.00	19
-417	Max	0.13	1	0.10	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-417	Min.	-0.13	1	-0.10	5	-0.02	18	0.00	19	-0.01	18	0.00	19
-416	Max	0.13	1	0.10	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-416	Min.	-0.13	1	-0.10	5	-0.03	18	0.00	19	-0.01	18	0.00	19
-415	Max	0.13	1	0.10	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-415	Min.	-0.13	1	-0.10	5	-0.04	18	-0.00	19	-0.01	18	0.00	19
-414	Max	0.13	1	0.10	5	-0.01	1	0.00	5	-0.00	1	0.00	5
-414	Min.	-0.13	1	-0.10	5	-0.05	18	-0.00	19	-0.01	18	0.00	5
-413	Max	0.13	1	0.10	5	-0.01	1	0.00	5	0.00	1	0.00	5
-413	Min.	-0.13	1	-0.10	5	-0.05	18	-0.00	19	-0.00	18	0.00	5
-412	Max	0.13	1	0.10	5	-0.01	1	0.00	5	0.00	1	0.00	5
-412	Min.	-0.13	1	-0.10	5	-0.05	18	-0.00	19	-0.00	18	0.00	5
-411	Max	0.13	1	0.10	5	-0.01	1	0.00	5	0.00	19	0.00	5
-411	Min.	-0.13	1	-0.10	5	-0.05	18	-0.00	19	0.00	13	0.00	5
-410	Max	0.13	1	0.10	5	-0.01	1	0.00	5	0.00	18	0.00	5
-410	Min.	-0.13	1	-0.10	5	-0.05	18	-0.00	19	0.00	1	0.00	5
-409	Max	0.13	1	0.10	5	-0.01	1	0.00	5	0.01	18	0.00	5
-409	Min.	-0.13	1	-0.10	5	-0.05	18	-0.00	19	0.00	1	0.00	5
-408	Max	0.13	1	0.10	5	-0.01	1	0.00	5	0.01	18	0.00	5
-408	Min.	-0.13	1	-0.10	5	-0.04	18	-0.00	19	0.00	1	0.00	5
-407	Max	0.13	1	0.10	5	-0.01	1	0.00	5	0.01	18	0.00	5
-407	Min.	-0.13	1	-0.10	5	-0.03	18	-0.00	5	0.00	1	0.00	5
-406	Max	0.13	1	0.10	5	-0.01	1	0.00	5	0.01	18	0.00	5
-406	Min.	-0.13	1	-0.10	5	-0.03	18	-0.00	5	0.00	1	0.00	5
-405	Max	0.13	1	0.10	5	-0.01	1	0.00	5	0.01	18	0.00	1
-405	Min.	-0.13	1	-0.10	5	-0.02	13	-0.00	5	0.00	1	0.00	1
-404	Max	0.13	1	0.10	5	-0.00	1	0.00	5	0.01	18	0.00	1
-404	Min.	-0.13	1	-0.10	5	-0.01	13	-0.00	5	0.00	1	0.00	1
-403	Max	0.13	1	0.09	5	-0.00	5	0.00	5	-0.00	9	0.00	5
-403	Min.	-0.13	1	-0.09	5	-0.01	13	-0.00	5	-0.01	18	0.00	5
-402	Max	0.13	1	0.09	5	-0.01	5	0.00	5	-0.00	9	0.00	5
-402	Min.	-0.13	1	-0.09	5	-0.01	18	-0.00	5	-0.01	18	0.00	5
-401	Max	0.13	1	0.09	5	-0.01	5	0.00	5	-0.00	9	0.00	5
-401	Min.	-0.13	1	-0.09	5	-0.02	18	-0.00	5	-0.01	18	0.00	5
-400	Max	0.13	1	0.09	5	-0.01	5	0.00	5	-0.00	9	0.00	5
-400	Min.	-0.13	1	-0.10	5	-0.03	18	-0.00	5	-0.01	18	0.00	5
-399	Max	0.13	1	0.09	5	-0.02	5	0.00	5	-0.00	9	0.00	5
-399	Min.	-0.13	1	-0.10	5	-0.03	18	0.00	5	-0.01	18	0.00	5
-398	Max	0.13	1	0.10	5	-0.02	5	0.00	5	-0.00	5	0.00	5
-398	Min.	-0.13	1	-0.10	5	-0.04	18	0.00	5	-0.00	18	0.00	5
-397	Max	0.13	1	0.10	5	-0.02	5	0.00	5	0.00	5	0.00	5
-397	Min.	-0.13	1	-0.10	5	-0.04	18	0.00	5	-0.00	18	0.00	5
-396	Max	0.13	1	0.10	5	-0.02	9	0.00	5	0.00	5	0.00	5
-396	Min.	-0.13	1	-0.10	5	-0.04	18	0.00	5	0.00	19	0.00	5
-395	Max	0.13	1	0.10	5	-0.02	9	0.00	5	0.00	13	0.00	5
-395	Min.	-0.13	1	-0.10	5	-0.04	18	0.00	5	0.00	5	0.00	5
-394	Max	0.13	1	0.10	5	-0.02	9	0.00	5	0.00	18	0.00	5
-394	Min.	-0.13	1	-0.10	5	-0.04	18	0.00	5	0.00	5	0.00	5
-393	Max	0.13	1	0.10	5	-0.02	9	0.00	5	0.00	18	0.00	5
-393	Min.	-0.13	1	-0.10	5	-0.03	18	0.00	5	0.00	5	0.00	5
-392	Max	0.13	1	0.10	5	-0.01	9	0.00	5	0.01	18	0.00	5
-392	Min.	-0.13	1	-0.10	5	-0.03	18	0.00	5	0.00	9	0.00	5
-391	Max	0.13	1	0.10	5	-0.01	9	0.00	5	0.01	18	0.00	5
-391	Min.	-0.13	1	-0.10	5	-0.02	18	0.00	5	0.00	9	0.00	5

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-390	Max	0.13	1	0.10	5	-0.01	9	0.00	5	0.01	18	0.00	5
-390	Min.	-0.13	1	-0.10	5	-0.02	18	0.00	5	0.00	29	0.00	5
-389	Max	0.13	1	0.10	5	-0.01	5	0.00	5	0.01	18	0.00	5
-389	Min.	-0.13	1	-0.10	5	-0.01	18	0.00	5	0.00	29	0.00	5
-388	Max	0.13	1	0.10	5	-0.00	5	0.00	5	0.01	18	0.00	5
-388	Min.	-0.13	1	-0.10	5	-0.01	28	0.00	5	0.00	29	0.00	5
-387	Max	0.13	1	0.10	5	0.00	18	0.00	5	0.00	18	0.00	5
-387	Min.	-0.13	1	-0.10	5	-0.00	29	0.00	29	0.00	29	0.00	5
-386	Max	0.13	1	0.10	5	0.00	18	0.00	5	0.00	18	0.00	5
-386	Min.	-0.13	1	-0.10	5	-0.00	29	0.00	29	0.00	29	0.00	5
-385	Max	0.13	1	0.10	5	0.01	18	0.00	5	0.00	18	0.00	5
-385	Min.	-0.13	1	-0.10	5	-0.00	29	0.00	29	0.00	29	0.00	5
-384	Max	0.13	1	0.10	5	0.01	18	0.00	5	0.00	19	0.00	5
-384	Min.	-0.13	1	-0.10	5	-0.00	29	0.00	29	0.00	1	0.00	5
-383	Max	0.13	1	0.10	5	0.01	18	0.00	5	0.00	29	0.00	5
-383	Min.	-0.13	1	-0.10	5	-0.00	29	0.00	29	0.00	18	0.00	5
-382	Max	0.13	1	0.10	5	0.00	18	0.00	5	0.00	29	0.00	5
-382	Min.	-0.13	1	-0.10	5	-0.00	29	0.00	29	-0.00	18	0.00	5
-381	Max	0.13	1	0.10	5	-0.00	20	0.00	5	0.00	29	0.00	5
-381	Min.	-0.13	1	-0.10	5	-0.00	29	0.00	29	-0.00	18	0.00	5
-380	Max	0.13	1	0.10	5	-0.00	5	0.00	5	-0.00	29	0.00	5
-380	Min.	-0.13	1	-0.10	5	-0.01	33	0.00	24	-0.01	18	0.00	5
-379	Max	0.13	1	0.10	5	-0.00	5	0.00	5	-0.00	29	0.00	5
-379	Min.	-0.13	1	-0.10	5	-0.01	33	0.00	24	-0.01	18	0.00	5
-378	Max	0.13	1	0.10	5	-0.00	1	0.00	5	-0.00	1	0.00	5
-378	Min.	-0.13	1	-0.10	5	-0.01	18	0.00	19	-0.01	18	0.00	5
-377	Max	0.13	1	0.10	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-377	Min.	-0.13	1	-0.10	5	-0.02	18	0.00	19	-0.01	18	0.00	19
-376	Max	0.13	1	0.10	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-376	Min.	-0.13	1	-0.10	5	-0.03	18	0.00	19	-0.01	18	0.00	19
-375	Max	0.13	1	0.10	5	-0.01	1	0.00	5	-0.00	1	0.00	5
-375	Min.	-0.13	1	-0.10	5	-0.04	18	0.00	19	-0.01	18	0.00	5
-374	Max	0.13	1	0.10	5	-0.01	1	0.00	5	-0.00	1	0.00	5
-374	Min.	-0.13	1	-0.10	5	-0.04	18	-0.00	19	-0.01	18	0.00	5
-373	Max	0.13	1	0.10	5	-0.01	1	0.00	5	0.00	1	0.00	5
-373	Min.	-0.13	1	-0.10	5	-0.05	18	-0.00	19	-0.00	18	0.00	5
-372	Max	0.13	1	0.10	5	-0.01	1	0.00	5	0.00	1	0.00	5
-372	Min.	-0.13	1	-0.10	5	-0.05	18	-0.00	19	-0.00	18	0.00	5
-371	Max	0.13	1	0.10	5	-0.01	1	0.00	5	0.00	19	0.00	5
-371	Min.	-0.13	1	-0.10	5	-0.05	18	-0.00	19	0.00	13	0.00	5
-370	Max	0.13	1	0.10	5	-0.01	1	0.00	5	0.00	18	0.00	5
-370	Min.	-0.13	1	-0.10	5	-0.05	18	-0.00	19	0.00	5	0.00	5
-369	Max	0.13	1	0.10	5	-0.01	1	0.00	5	0.01	18	0.00	5
-369	Min.	-0.13	1	-0.10	5	-0.05	18	-0.00	19	0.00	1	0.00	5
-368	Max	0.13	1	0.10	5	-0.01	1	0.00	5	0.01	18	0.00	5
-368	Min.	-0.13	1	-0.10	5	-0.04	18	0.00	5	0.00	1	0.00	5
-367	Max	0.13	1	0.10	5	-0.01	1	0.00	5	0.01	18	0.00	5
-367	Min.	-0.13	1	-0.10	5	-0.03	18	-0.00	5	0.00	1	0.00	5
-366	Max	0.13	1	0.10	5	-0.01	1	0.00	5	0.01	18	0.00	5
-366	Min.	-0.13	1	-0.10	5	-0.03	18	-0.00	5	0.00	1	0.00	5
-365	Max	0.13	1	0.10	5	-0.00	1	0.00	5	0.01	18	0.00	5
-365	Min.	-0.13	1	-0.10	5	-0.01	13	-0.00	5	0.00	1	0.00	5
-364	Max	0.13	1	0.09	5	-0.00	5	0.00	5	-0.00	9	0.00	5
-364	Min.	-0.13	1	-0.09	5	-0.01	5	-0.00	5	-0.01	18	0.00	5
-363	Max	0.13	1	0.09	5	-0.01	5	0.00	5	-0.00	5	0.00	5
-363	Min.	-0.13	1	-0.09	5	-0.02	18	-0.00	5	-0.01	18	0.00	5
-362	Max	0.13	1	0.09	5	-0.01	5	0.00	5	-0.00	5	0.00	5
-362	Min.	-0.13	1	-0.10	5	-0.03	18	-0.00	5	-0.01	18	0.00	5
-361	Max	0.13	1	0.09	5	-0.02	5	0.00	5	-0.00	5	0.00	5
-361	Min.	-0.13	1	-0.10	5	-0.03	18	0.00	5	-0.01	18	0.00	5
-360	Max	0.13	1	0.10	5	-0.02	5	0.00	5	-0.00	5	0.00	5
-360	Min.	-0.13	1	-0.10	5	-0.04	18	0.00	5	-0.00	18	0.00	5
-359	Max	0.13	1	0.10	5	-0.02	5	0.00	5	0.00	5	0.00	5
-359	Min.	-0.13	1	-0.10	5	-0.04	18	0.00	5	-0.00	18	0.00	5
-358	Max	0.13	1	0.10	5	-0.02	5	0.00	5	0.00	5	0.00	5
-358	Min.	-0.13	1	-0.10	5	-0.04	18	0.00	5	0.00	5	0.00	5
-357	Max	0.13	1	0.10	5	-0.02	5	0.00	5	0.00	13	0.00	5
-357	Min.	-0.13	1	-0.10	5	-0.04	18	0.00	5	0.00	5	0.00	5
-356	Max	0.13	1	0.10	5	-0.02	5	0.00	5	0.00	18	0.00	5
-356	Min.	-0.13	1	-0.10	5	-0.04	18	0.00	5	0.00	5	0.00	5
-355	Max	0.13	1	0.10	5	-0.02	5	0.00	5	0.00	18	0.00	5
-355	Min.	-0.13	1	-0.10	5	-0.03	18	0.00	5	0.00	5	0.00	5
-354	Max	0.13	1	0.10	5	-0.01	9	0.00	5	0.01	18	0.00	5
-354	Min.	-0.13	1	-0.10	5	-0.03	18	0.00	5	0.00	5	0.00	5
-353	Max	0.13	1	0.10	5	-0.01	5	0.00	5	0.01	18	0.00	5
-353	Min.	-0.13	1	-0.10	5	-0.02	18	0.00	5	0.00	9	0.00	5
-352	Max	0.13	1	0.10	5	-0.01	5	0.00	5	0.01	18	0.00	5
-352	Min.	-0.13	1	-0.10	5	-0.02	18	0.00	5	0.00	29	0.00	5
-351	Max	0.13	1	0.10	5	-0.01	5	0.00	5	0.01	18	0.00	5

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-351	Min.	-0.13	1	-0.10	5	-0.01	18	0.00	5	0.00	29	0.00	5
-350	Max	0.13	1	0.10	5	-0.00	20	0.00	5	0.00	18	0.00	5
-350	Min.	-0.13	1	-0.10	5	-0.00	29	0.00	29	0.00	29	0.00	5
-349	Max	0.13	1	0.10	5	0.00	18	0.00	5	0.00	18	0.00	5
-349	Min.	-0.13	1	-0.10	5	-0.00	29	0.00	29	0.00	29	0.00	5
-348	Max	0.13	1	0.10	5	0.00	18	0.00	5	0.00	18	0.00	5
-348	Min.	-0.13	1	-0.10	5	-0.00	29	0.00	29	0.00	29	0.00	5
-347	Max	0.13	1	0.10	5	0.01	18	0.00	5	0.00	18	0.00	5
-347	Min.	-0.13	1	-0.10	5	-0.00	29	0.00	29	0.00	1	0.00	5
-346	Max	0.13	1	0.10	5	0.01	18	0.00	5	0.00	29	0.00	5
-346	Min.	-0.13	1	-0.10	5	-0.00	29	0.00	29	0.00	18	0.00	5
-345	Max	0.13	1	0.10	5	0.00	18	0.00	5	0.00	29	0.00	5
-345	Min.	-0.13	1	-0.10	5	-0.00	29	0.00	29	-0.00	18	0.00	5
-344	Max	0.13	1	0.10	5	-0.00	20	0.00	5	0.00	29	0.00	5
-344	Min.	-0.13	1	-0.10	5	-0.00	29	0.00	5	-0.00	18	0.00	5
-343	Max	0.13	1	0.10	5	-0.00	5	0.00	5	-0.00	1	0.00	5
-343	Min.	-0.13	1	-0.10	5	-0.01	33	0.00	5	-0.01	18	0.00	5
-342	Max	0.13	1	0.10	5	-0.00	1	0.00	5	-0.00	1	0.00	1
-342	Min.	-0.13	1	-0.10	5	-0.01	18	0.00	19	-0.01	18	0.00	19
-341	Max	0.13	1	0.10	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-341	Min.	-0.13	1	-0.10	5	-0.02	18	0.00	19	-0.01	18	0.00	19
-340	Max	0.13	1	0.10	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-340	Min.	-0.13	1	-0.10	5	-0.03	18	0.00	19	-0.01	18	0.00	19
-339	Max	0.13	1	0.10	5	-0.01	1	0.00	5	-0.00	1	0.00	5
-339	Min.	-0.13	1	-0.10	5	-0.04	18	0.00	19	-0.01	18	0.00	19
-338	Max	0.13	1	0.10	5	-0.01	1	0.00	5	-0.00	1	0.00	5
-338	Min.	-0.13	1	-0.10	5	-0.04	18	0.00	19	-0.01	18	0.00	5
-337	Max	0.13	1	0.10	5	-0.01	1	0.00	5	0.00	1	0.00	5
-337	Min.	-0.13	1	-0.10	5	-0.05	18	-0.00	19	-0.00	18	0.00	5
-336	Max	0.13	1	0.10	5	-0.01	1	0.00	5	0.00	1	0.00	5
-336	Min.	-0.13	1	-0.10	5	-0.05	18	-0.00	19	-0.00	18	0.00	5
-335	Max	0.13	1	0.10	5	-0.01	1	0.00	5	0.00	5	0.00	5
-335	Min.	-0.13	1	-0.10	5	-0.05	18	-0.00	19	0.00	5	0.00	5
-334	Max	0.13	1	0.10	5	-0.01	1	0.00	5	0.00	18	0.00	5
-334	Min.	-0.13	1	-0.10	5	-0.05	18	-0.00	19	0.00	5	0.00	5
-333	Max	0.13	1	0.10	5	-0.01	1	0.00	5	0.01	18	0.00	5
-333	Min.	-0.13	1	-0.10	5	-0.05	18	0.00	19	0.00	1	0.00	5
-332	Max	0.13	1	0.10	5	-0.01	1	0.00	5	0.01	18	0.00	5
-332	Min.	-0.13	1	-0.10	5	-0.04	18	0.00	5	0.00	1	0.00	5
-331	Max	0.13	1	0.10	5	-0.01	1	0.00	5	0.01	18	0.00	5
-331	Min.	-0.13	1	-0.10	5	-0.03	18	-0.00	5	0.00	1	0.00	5
-330	Max	0.13	1	0.10	5	-0.01	5	0.00	5	0.01	18	0.00	5
-330	Min.	-0.13	1	-0.10	5	-0.03	18	-0.00	5	0.00	1	0.00	5
-329	Max	0.13	1	0.10	5	-0.00	5	0.00	5	0.01	18	0.00	5
-329	Min.	-0.13	1	-0.10	5	-0.01	13	-0.00	5	0.00	1	0.00	5
-328	Max	0.13	1	0.09	5	-0.00	5	0.00	5	-0.00	5	0.00	5
-328	Min.	-0.13	1	-0.09	5	-0.01	5	-0.00	5	-0.01	18	-0.00	5
-327	Max	0.13	1	0.09	5	-0.00	5	0.00	5	-0.00	5	0.00	5
-327	Min.	-0.13	1	-0.09	5	-0.01	5	-0.00	5	-0.01	18	0.00	5
-326	Max	0.13	1	0.09	5	-0.01	5	0.00	5	-0.00	5	0.00	5
-326	Min.	-0.13	1	-0.09	5	-0.02	18	-0.00	5	-0.01	18	0.00	5
-325	Max	0.13	1	0.09	5	-0.01	5	0.00	5	-0.00	5	0.00	5
-325	Min.	-0.13	1	-0.10	5	-0.03	18	-0.00	5	-0.01	18	0.00	5
-324	Max	0.13	1	0.09	5	-0.01	5	0.00	5	-0.00	5	0.00	5
-324	Min.	-0.13	1	-0.10	5	-0.03	18	0.00	5	-0.01	18	0.00	5
-323	Max	0.13	1	0.10	5	-0.02	5	0.00	5	-0.00	5	0.00	5
-323	Min.	-0.13	1	-0.10	5	-0.04	18	0.00	5	-0.00	18	0.00	5
-322	Max	0.13	1	0.10	5	-0.02	5	0.00	5	0.00	5	0.00	5
-322	Min.	-0.13	1	-0.10	5	-0.04	18	0.00	5	-0.00	18	0.00	5
-321	Max	0.13	1	0.10	5	-0.02	5	0.00	5	0.00	5	0.00	5
-321	Min.	-0.13	1	-0.10	5	-0.04	18	0.00	5	0.00	5	0.00	5
-320	Max	0.13	1	0.10	5	-0.02	5	0.00	5	0.00	13	0.00	5
-320	Min.	-0.13	1	-0.10	5	-0.04	18	0.00	5	0.00	5	0.00	5
-319	Max	0.13	1	0.10	5	-0.02	5	0.00	5	0.00	18	0.00	5
-319	Min.	-0.13	1	-0.10	5	-0.04	18	0.00	5	0.00	5	0.00	5
-318	Max	0.13	1	0.10	5	-0.02	5	0.00	5	0.00	18	0.00	5
-318	Min.	-0.13	1	-0.10	5	-0.03	18	0.00	5	0.00	5	0.00	5
-317	Max	0.13	1	0.10	5	-0.01	5	0.00	5	0.01	18	0.00	5
-317	Min.	-0.13	1	-0.10	5	-0.03	18	0.00	5	0.00	5	0.00	5
-316	Max	0.13	1	0.10	5	-0.01	5	0.00	5	0.01	18	0.00	5
-316	Min.	-0.13	1	-0.10	5	-0.02	18	0.00	5	0.00	5	0.00	5
-315	Max	0.13	1	0.10	5	-0.01	5	0.00	5	0.01	18	0.00	5
-315	Min.	-0.13	1	-0.10	5	-0.02	18	0.00	5	0.00	29	0.00	5
-314	Max	0.13	1	0.10	5	-0.01	5	0.00	5	0.01	18	0.00	5
-314	Min.	-0.13	1	-0.10	5	-0.01	18	0.00	5	0.00	29	0.00	5
-313	Max	0.13	1	0.10	5	-0.00	5	0.00	5	0.01	18	0.00	5
-313	Min.	-0.13	1	-0.10	5	-0.01	28	0.00	5	0.00	29	0.00	5
-312	Max	0.13	1	0.10	5	-0.00	20	0.00	5	0.00	18	0.00	5
-312	Min.	-0.13	1	-0.10	5	-0.00	29	0.00	5	0.00	29	0.00	5

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-311	Max	0.13	1	0.10	5	0.00	18	0.00	5	0.00	18	0.00	5
-311	Min.	-0.13	1	-0.10	5	-0.00	29	0.00	29	0.00	29	0.00	5
-310	Max	0.13	1	0.10	5	0.00	18	0.00	5	0.00	18	0.00	5
-310	Min.	-0.13	1	-0.10	5	-0.00	29	0.00	29	0.00	29	0.00	5
-309	Max	0.13	1	0.10	5	0.01	18	0.00	5	0.00	19	0.00	5
-309	Min.	-0.13	1	-0.10	5	-0.00	29	0.00	29	0.00	1	0.00	5
-308	Max	0.13	1	0.10	5	0.01	18	0.00	5	0.00	29	0.00	5
-308	Min.	-0.13	1	-0.10	5	-0.00	29	0.00	29	0.00	18	0.00	5
-307	Max	0.13	1	0.10	5	0.00	18	0.00	5	0.00	29	0.00	5
-307	Min.	-0.13	1	-0.10	5	-0.00	29	0.00	29	-0.00	18	0.00	5
-306	Max	0.13	1	0.10	5	-0.00	5	0.00	5	0.00	29	0.00	5
-306	Min.	-0.13	1	-0.10	5	-0.00	29	0.00	5	-0.00	18	0.00	5
-305	Max	0.13	1	0.10	5	-0.00	5	0.00	5	-0.00	1	0.00	5
-305	Min.	-0.13	1	-0.10	5	-0.01	33	0.00	5	-0.01	18	0.00	5
-304	Max	0.13	1	0.10	5	-0.00	5	0.00	5	-0.00	1	0.00	5
-304	Min.	-0.13	1	-0.10	5	-0.01	33	0.00	5	-0.01	18	0.00	5
-303	Max	0.13	1	0.10	5	-0.00	1	0.00	5	-0.00	1	0.00	5
-303	Min.	-0.13	1	-0.10	5	-0.01	18	0.00	19	-0.01	18	0.00	19
-302	Max	0.13	1	0.10	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-302	Min.	-0.13	1	-0.10	5	-0.02	18	0.00	19	-0.01	18	0.00	19
-301	Max	0.13	1	0.10	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-301	Min.	-0.13	1	-0.10	5	-0.03	18	0.00	19	-0.01	18	0.00	19
-300	Max	0.13	1	0.10	5	-0.01	1	0.00	5	-0.00	1	0.00	5
-300	Min.	-0.13	1	-0.10	5	-0.04	18	0.00	19	-0.01	18	0.00	5
-299	Max	0.13	1	0.10	5	-0.01	1	0.00	5	-0.00	1	0.00	5
-299	Min.	-0.13	1	-0.10	5	-0.04	18	0.00	19	-0.01	18	0.00	5
-298	Max	0.13	1	0.10	5	-0.01	1	0.00	5	0.00	1	0.00	5
-298	Min.	-0.13	1	-0.10	5	-0.05	18	0.00	19	-0.00	18	0.00	5
-297	Max	0.13	1	0.10	5	-0.01	1	0.00	5	0.00	1	0.00	5
-297	Min.	-0.13	1	-0.10	5	-0.05	18	0.00	19	-0.00	18	0.00	5
-296	Max	0.13	1	0.10	5	-0.01	1	0.00	5	0.00	5	0.00	5
-296	Min.	-0.13	1	-0.10	5	-0.05	18	0.00	19	0.00	5	0.00	5
-295	Max	0.13	1	0.10	5	-0.01	1	0.00	5	0.00	18	0.00	5
-295	Min.	-0.13	1	-0.10	5	-0.05	18	0.00	19	0.00	5	0.00	5
-294	Max	0.13	1	0.10	5	-0.01	1	0.00	5	0.00	18	0.00	5
-294	Min.	-0.13	1	-0.10	5	-0.05	18	0.00	19	0.00	1	0.00	5
-293	Max	0.13	1	0.10	5	-0.01	1	0.00	5	0.01	18	0.00	5
-293	Min.	-0.13	1	-0.10	5	-0.04	18	0.00	5	0.00	1	0.00	5
-292	Max	0.13	1	0.10	5	-0.01	1	0.00	5	0.01	18	0.00	5
-292	Min.	-0.13	1	-0.10	5	-0.03	18	-0.00	5	0.00	1	0.00	5
-291	Max	0.13	1	0.10	5	-0.01	5	0.00	5	0.01	18	0.00	5
-291	Min.	-0.13	1	-0.10	5	-0.03	18	-0.00	5	0.00	1	0.00	5
-290	Max	0.13	1	0.10	5	-0.00	5	0.00	5	0.01	18	0.00	5
-290	Min.	-0.13	1	-0.10	5	-0.02	13	-0.00	5	0.00	1	0.00	5
-289	Max	0.13	1	0.10	5	-0.00	5	0.00	5	0.01	18	0.00	5
-289	Min.	-0.13	1	-0.10	5	-0.01	5	-0.00	5	0.00	1	0.00	5
-288	Max	0.13	1	0.09	5	-0.00	5	0.00	5	-0.00	5	0.00	5
-288	Min.	-0.13	1	-0.09	5	-0.01	5	0.00	5	-0.01	18	0.00	5
-287	Max	0.13	1	0.09	5	-0.01	5	0.00	5	-0.00	5	0.00	5
-287	Min.	-0.13	1	-0.09	5	-0.02	18	0.00	5	-0.01	18	0.00	5
-286	Max	0.13	1	0.09	5	-0.01	5	0.00	5	-0.00	5	0.00	5
-286	Min.	-0.13	1	-0.10	5	-0.03	18	0.00	5	-0.01	18	0.00	5
-285	Max	0.13	1	0.09	5	-0.01	5	0.00	5	-0.00	5	0.00	5
-285	Min.	-0.13	1	-0.10	5	-0.03	18	0.00	5	-0.01	18	0.00	5
-284	Max	0.13	1	0.10	5	-0.02	5	0.00	5	-0.00	5	0.00	5
-284	Min.	-0.13	1	-0.10	5	-0.04	18	0.00	5	-0.00	18	0.00	5
-283	Max	0.13	1	0.10	5	-0.02	5	0.00	5	0.00	5	0.00	5
-283	Min.	-0.13	1	-0.10	5	-0.04	18	0.00	5	-0.00	18	0.00	5
-282	Max	0.13	1	0.10	5	-0.02	5	0.00	5	0.00	5	0.00	5
-282	Min.	-0.13	1	-0.10	5	-0.04	18	0.00	5	0.00	5	0.00	5
-281	Max	0.13	1	0.10	5	-0.02	5	0.00	5	0.00	13	0.00	5
-281	Min.	-0.13	1	-0.10	5	-0.04	18	0.00	5	0.00	5	0.00	5
-280	Max	0.13	1	0.10	5	-0.02	5	0.00	5	0.00	18	0.00	5
-280	Min.	-0.13	1	-0.10	5	-0.04	18	0.00	5	0.00	5	0.00	5
-279	Max	0.13	1	0.10	5	-0.02	5	0.00	5	0.00	18	0.00	5
-279	Min.	-0.13	1	-0.10	5	-0.04	18	0.00	5	0.00	5	0.00	5
-278	Max	0.13	1	0.10	5	-0.01	5	0.00	5	0.01	18	0.00	5
-278	Min.	-0.13	1	-0.10	5	-0.03	18	0.00	5	0.00	5	0.00	5
-277	Max	0.13	1	0.10	5	-0.01	5	0.00	5	0.01	18	0.00	5
-277	Min.	-0.13	1	-0.10	5	-0.02	18	0.00	5	0.00	5	0.00	5
-276	Max	0.13	1	0.10	5	-0.01	5	0.00	5	0.01	18	0.00	5
-276	Min.	-0.13	1	-0.10	5	-0.02	18	0.00	5	0.00	5	0.00	5
-275	Max	0.13	1	0.10	5	-0.01	5	0.00	5	0.01	18	0.00	5
-275	Min.	-0.13	1	-0.10	5	-0.01	18	0.00	5	0.00	29	0.00	5
-274	Max	0.13	1	0.10	5	-0.00	5	0.00	5	0.01	18	0.00	5
-274	Min.	-0.13	1	-0.10	5	-0.01	28	0.00	5	0.00	29	0.00	5
-273	Max	0.13	1	0.10	5	-0.00	5	0.00	5	0.00	18	0.00	5
-273	Min.	-0.13	1	-0.10	5	-0.00	28	0.00	5	0.00	29	0.00	5
-272	Max	0.13	1	0.10	5	0.00	18	0.00	5	0.00	18	0.00	5

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-272	Min.	-0.13	1	-0.10	5	-0.00	29	0.00	29	0.00	29	0.00	5
-271	Max	0.13	1	0.10	5	0.00	18	0.00	5	0.00	18	0.00	5
-271	Min.	-0.13	1	-0.10	5	-0.00	29	0.00	29	0.00	29	0.00	5
-270	Max	0.13	1	0.10	5	0.00	18	0.00	5	0.00	18	0.00	5
-270	Min.	-0.13	1	-0.10	5	-0.00	29	0.00	29	0.00	1	0.00	5
-269	Max	0.13	1	0.10	5	0.00	18	0.00	5	0.00	29	0.00	5
-269	Min.	-0.13	1	-0.10	5	-0.00	29	0.00	29	0.00	18	0.00	5
-268	Max	0.13	1	0.10	5	0.00	18	0.00	5	0.00	29	0.00	5
-268	Min.	-0.13	1	-0.10	5	-0.00	29	0.00	5	-0.00	18	0.00	5
-267	Max	0.13	1	0.10	5	-0.00	5	0.00	5	-0.00	29	0.00	5
-267	Min.	-0.13	1	-0.10	5	-0.00	28	0.00	5	-0.00	18	0.00	5
-266	Max	0.13	1	0.10	5	-0.00	5	0.00	5	-0.00	1	0.00	5
-266	Min.	-0.13	1	-0.10	5	-0.01	33	0.00	5	-0.01	18	0.00	5
-265	Max	0.13	1	0.10	5	-0.00	5	0.00	5	-0.00	1	0.00	5
-265	Min.	-0.13	1	-0.10	5	-0.01	33	0.00	5	-0.01	18	0.00	5
-264	Max	0.13	1	0.10	5	-0.01	5	0.00	5	-0.00	1	0.00	1
-264	Min.	-0.13	1	-0.10	5	-0.01	18	0.00	19	-0.01	18	0.00	19
-263	Max	0.13	1	0.10	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-263	Min.	-0.13	1	-0.10	5	-0.02	18	0.00	19	-0.01	18	0.00	19
-262	Max	0.13	1	0.10	5	-0.01	1	0.00	5	-0.00	1	0.00	5
-262	Min.	-0.13	1	-0.10	5	-0.03	18	0.00	19	-0.01	18	0.00	19
-261	Max	0.13	1	0.10	5	-0.01	1	0.00	5	-0.00	1	0.00	5
-261	Min.	-0.13	1	-0.10	5	-0.04	18	0.00	19	-0.01	18	0.00	19
-260	Max	0.13	1	0.10	5	-0.01	1	0.00	5	-0.00	1	0.00	5
-260	Min.	-0.13	1	-0.10	5	-0.04	18	0.00	19	-0.01	18	0.00	5
-259	Max	0.13	1	0.10	5	-0.01	1	0.00	5	0.00	1	0.00	5
-259	Min.	-0.13	1	-0.10	5	-0.05	18	0.00	19	-0.00	18	0.00	5
-258	Max	0.13	1	0.10	5	-0.01	1	0.00	5	0.00	5	0.00	5
-258	Min.	-0.13	1	-0.10	5	-0.05	18	0.00	19	-0.00	18	0.00	5
-257	Max	0.13	1	0.10	5	-0.01	1	0.00	5	0.00	5	0.00	5
-257	Min.	-0.13	1	-0.10	5	-0.05	18	0.00	19	0.00	5	0.00	5
-256	Max	0.13	1	0.10	5	-0.01	1	0.00	5	0.00	18	0.00	5
-256	Min.	-0.13	1	-0.10	5	-0.05	18	0.00	19	0.00	5	0.00	5
-255	Max	0.13	1	0.10	5	-0.01	1	0.00	5	0.00	18	0.00	5
-255	Min.	-0.13	1	-0.10	5	-0.05	18	0.00	5	0.00	5	0.00	5
-254	Max	0.13	1	0.10	5	-0.01	1	0.00	5	0.01	18	0.00	5
-254	Min.	-0.13	1	-0.10	5	-0.04	18	0.00	5	0.00	1	0.00	5
-253	Max	0.13	1	0.10	5	-0.01	5	0.00	5	0.01	18	0.00	5
-253	Min.	-0.13	1	-0.10	5	-0.03	18	0.00	5	0.00	1	0.00	5
-252	Max	0.13	1	0.10	5	-0.01	5	0.00	5	0.01	18	0.00	5
-252	Min.	-0.13	1	-0.10	5	-0.03	18	-0.00	5	0.00	1	0.00	5
-251	Max	0.13	1	0.10	5	0.00	5	0.00	5	0.01	18	0.00	5
-251	Min.	-0.13	1	-0.10	5	-0.02	5	-0.00	5	0.00	1	0.00	5
-250	Max	0.13	1	0.10	5	-0.01	5	0.00	5	0.01	1	0.00	5
-250	Min.	-0.13	1	-0.10	5	-0.02	13	0.00	18	-0.00	1	0.00	5
-249	Max	0.13	1	0.10	5	-0.01	5	0.00	5	0.01	1	0.00	5
-249	Min.	-0.13	1	-0.10	5	-0.02	13	-0.00	5	-0.00	1	0.00	5
-248	Max	0.02	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-248	Min.	-0.02	1	-0.00	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-247	Max	0.02	1	0.00	5	-0.00	5	0.00	5	0.00	1	0.00	1
-247	Min.	-0.02	1	-0.00	5	-0.01	28	0.00	5	-0.00	1	0.00	1
-246	Max	0.02	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-246	Min.	-0.02	1	-0.00	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-245	Max	0.02	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-245	Min.	-0.02	1	-0.00	5	-0.01	33	0.00	5	-0.00	1	0.00	1
-244	Max	0.02	1	0.00	5	-0.00	5	0.00	5	0.00	1	0.00	1
-244	Min.	-0.02	1	-0.00	5	-0.01	33	0.00	5	-0.00	1	0.00	1
-243	Max	0.02	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-243	Min.	-0.02	1	-0.00	5	-0.01	33	0.00	5	-0.00	1	0.00	1
-242	Max	0.02	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-242	Min.	-0.02	1	-0.00	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-241	Max	0.02	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-241	Min.	-0.02	1	-0.00	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-240	Max	0.02	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-240	Min.	-0.02	1	-0.00	5	-0.01	33	0.00	5	-0.00	1	0.00	1
-239	Max	0.02	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-239	Min.	-0.02	1	-0.00	5	-0.01	33	0.00	5	-0.00	1	0.00	1
-238	Max	0.03	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-238	Min.	-0.03	1	-0.00	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-237	Max	0.03	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-237	Min.	-0.03	1	-0.00	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-236	Max	0.03	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-236	Min.	-0.03	1	-0.00	5	-0.01	33	0.00	5	-0.00	1	0.00	1
-235	Max	0.03	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-235	Min.	-0.03	1	-0.00	5	-0.01	33	0.00	5	-0.00	1	0.00	1
-234	Max	0.03	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-234	Min.	-0.03	1	-0.00	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-233	Max	0.03	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-233	Min.	-0.03	1	-0.00	5	-0.01	1	0.00	5	-0.00	1	0.00	1

Relazione di Calcolo - Ponte Torrente Gogna

-232	Max	0.03	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-232	Min.	-0.03	1	-0.00	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-231	Max	0.03	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-231	Min.	-0.03	1	-0.00	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-230	Max	0.02	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-230	Min.	-0.02	1	-0.00	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-229	Max	0.02	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-229	Min.	-0.02	1	-0.00	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-228	Max	0.02	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-228	Min.	-0.02	1	-0.00	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-227	Max	0.02	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-227	Min.	-0.02	1	-0.00	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-226	Max	0.02	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-226	Min.	-0.02	1	-0.00	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-225	Max	0.02	1	0.00	5	-0.00	5	0.00	5	0.00	1	0.00	1
-225	Min.	-0.02	1	-0.00	5	-0.00	28	0.00	28	-0.00	1	0.00	1
-224	Max	0.02	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-224	Min.	-0.02	1	-0.00	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-223	Max	0.02	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-223	Min.	-0.02	1	-0.00	5	-0.01	1	0.00	23	-0.00	1	0.00	1
-222	Max	0.02	1	0.00	5	-0.00	5	0.00	5	0.00	1	0.00	1
-222	Min.	-0.02	1	-0.00	5	-0.00	33	0.00	33	-0.00	1	0.00	1
-221	Max	0.02	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-221	Min.	-0.02	1	-0.00	5	-0.01	1	0.00	23	-0.00	1	0.00	1
-220	Max	0.02	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-220	Min.	-0.02	1	-0.00	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-219	Max	0.02	1	0.00	5	-0.00	5	0.00	5	0.00	1	0.00	1
-219	Min.	-0.02	1	-0.00	5	-0.01	28	0.00	5	-0.00	1	0.00	1
-218	Max	0.02	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-218	Min.	-0.02	1	-0.00	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-217	Max	0.02	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-217	Min.	-0.02	1	-0.00	5	-0.01	33	0.00	5	-0.00	1	0.00	1
-216	Max	0.02	1	0.00	5	-0.00	5	0.00	5	0.00	1	0.00	1
-216	Min.	-0.02	1	-0.00	5	-0.01	33	0.00	23	-0.00	1	0.00	1
-215	Max	0.02	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-215	Min.	-0.02	1	-0.00	5	-0.01	33	0.00	5	-0.00	1	0.00	1
-214	Max	0.02	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-214	Min.	-0.02	1	-0.00	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-213	Max	0.02	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-213	Min.	-0.02	1	-0.00	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-212	Max	0.02	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-212	Min.	-0.02	1	-0.00	5	-0.01	33	0.00	5	-0.00	1	0.00	1
-211	Max	0.02	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-211	Min.	-0.02	1	-0.00	5	-0.01	33	0.00	5	-0.00	1	0.00	1
-210	Max	0.02	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-210	Min.	-0.02	1	-0.00	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-209	Max	0.02	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-209	Min.	-0.02	1	-0.00	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-208	Max	0.02	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-208	Min.	-0.02	1	-0.00	5	-0.01	33	0.00	5	-0.00	1	0.00	1
-207	Max	0.02	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-207	Min.	-0.02	1	-0.00	5	-0.01	33	0.00	5	-0.00	1	0.00	1
-206	Max	0.02	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-206	Min.	-0.02	1	-0.00	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-205	Max	0.02	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-205	Min.	-0.02	1	-0.00	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-204	Max	0.02	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-204	Min.	-0.02	1	-0.00	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-203	Max	0.02	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-203	Min.	-0.02	1	-0.00	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-202	Max	0.02	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-202	Min.	-0.02	1	-0.00	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-201	Max	0.02	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-201	Min.	-0.02	1	-0.00	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-200	Max	0.02	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-200	Min.	-0.02	1	-0.00	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-199	Max	0.02	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-199	Min.	-0.02	1	-0.00	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-198	Max	0.02	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-198	Min.	-0.02	1	-0.00	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-197	Max	0.02	1	0.00	5	-0.00	5	0.00	5	0.00	1	0.00	1
-197	Min.	-0.02	1	-0.00	5	-0.00	28	0.00	5	-0.00	1	0.00	1
-196	Max	0.02	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-196	Min.	-0.02	1	-0.00	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-195	Max	0.02	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-195	Min.	-0.02	1	-0.00	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-194	Max	0.02	1	0.00	5	-0.00	5	0.00	5	0.00	1	0.00	1
-194	Min.	-0.02	1	-0.00	5	-0.00	33	0.00	5	-0.00	1	0.00	1
-193	Max	0.02	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1

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-193	Min.	-0.02	1	-0.00	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-192	Max	0.01	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-192	Min.	-0.01	1	-0.00	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-191	Max	0.01	1	0.00	5	-0.00	5	0.00	5	0.00	1	0.00	1
-191	Min.	-0.01	1	-0.00	5	-0.01	28	0.00	5	-0.00	1	0.00	1
-190	Max	0.01	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-190	Min.	-0.01	1	-0.00	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-189	Max	0.01	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-189	Min.	-0.01	1	-0.00	5	-0.01	33	0.00	5	-0.00	1	0.00	1
-188	Max	0.01	1	0.00	5	-0.00	5	0.00	5	0.00	1	0.00	1
-188	Min.	-0.01	1	-0.00	5	-0.01	33	0.00	5	-0.00	1	0.00	1
-187	Max	0.01	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-187	Min.	-0.01	1	-0.00	5	-0.01	33	0.00	5	-0.00	1	0.00	1
-186	Max	0.02	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-186	Min.	-0.02	1	-0.00	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-185	Max	0.02	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-185	Min.	-0.02	1	-0.00	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-184	Max	0.02	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-184	Min.	-0.02	1	-0.00	5	-0.01	33	0.00	5	-0.00	1	0.00	1
-183	Max	0.02	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-183	Min.	-0.02	1	-0.00	5	-0.01	33	0.00	5	-0.00	1	0.00	1
-182	Max	0.02	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-182	Min.	-0.02	1	-0.00	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-181	Max	0.02	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-181	Min.	-0.02	1	-0.00	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-180	Max	0.02	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-180	Min.	-0.02	1	-0.00	5	-0.01	33	0.00	5	-0.00	1	0.00	1
-179	Max	0.02	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-179	Min.	-0.02	1	-0.00	5	-0.01	33	0.00	5	-0.00	1	0.00	1
-178	Max	0.02	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-178	Min.	-0.02	1	-0.00	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-177	Max	0.02	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-177	Min.	-0.02	1	-0.00	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-176	Max	0.02	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-176	Min.	-0.02	1	-0.00	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-175	Max	0.02	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-175	Min.	-0.02	1	-0.00	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-174	Max	0.02	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-174	Min.	-0.02	1	-0.00	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-173	Max	0.02	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-173	Min.	-0.02	1	-0.00	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-172	Max	0.02	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-172	Min.	-0.02	1	-0.00	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-171	Max	0.02	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-171	Min.	-0.02	1	-0.00	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-170	Max	0.01	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-170	Min.	-0.01	1	-0.00	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-169	Max	0.01	1	0.00	5	-0.00	5	0.00	5	0.00	1	0.00	1
-169	Min.	-0.01	1	-0.00	5	-0.00	28	0.00	5	-0.00	1	0.00	1
-168	Max	0.01	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-168	Min.	-0.01	1	-0.00	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-167	Max	0.01	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-167	Min.	-0.01	1	-0.00	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-166	Max	0.01	1	0.00	5	-0.00	5	0.00	5	0.00	1	0.00	1
-166	Min.	-0.01	1	-0.00	5	-0.00	33	0.00	5	-0.00	1	0.00	1
-165	Max	0.01	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-165	Min.	-0.01	1	-0.00	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-164	Max	0.01	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-164	Min.	-0.01	1	-0.00	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-163	Max	0.01	1	0.00	5	-0.00	5	0.00	5	0.00	1	0.00	1
-163	Min.	-0.01	1	-0.00	5	-0.01	28	0.00	5	-0.00	1	0.00	1
-162	Max	0.01	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-162	Min.	-0.01	1	-0.00	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-161	Max	0.01	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-161	Min.	-0.01	1	-0.00	5	-0.01	33	0.00	5	-0.00	1	0.00	1
-160	Max	0.01	1	0.00	5	-0.00	5	0.00	5	0.00	1	0.00	1
-160	Min.	-0.01	1	-0.00	5	-0.01	33	0.00	5	-0.00	1	0.00	1
-159	Max	0.01	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-159	Min.	-0.01	1	-0.00	5	-0.01	33	0.00	5	-0.00	1	0.00	1
-158	Max	0.01	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-158	Min.	-0.01	1	-0.00	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-157	Max	0.01	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-157	Min.	-0.01	1	-0.00	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-156	Max	0.01	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-156	Min.	-0.01	1	-0.00	5	-0.01	33	0.00	5	-0.00	1	0.00	1
-155	Max	0.01	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-155	Min.	0.01	1	-0.00	5	-0.01	33	0.00	5	-0.00	1	0.00	1
-154	Max	0.01	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-154	Min.	-0.01	1	-0.00	5	-0.01	1	0.00	5	-0.00	1	0.00	1

Relazione di Calcolo - Ponte Torrente Gogna

-153	Max	0.01	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-153	Min.	-0.01	1	-0.00	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-152	Max	0.01	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-152	Min.	-0.01	1	-0.00	5	-0.01	33	0.00	5	-0.00	1	0.00	1
-151	Max	0.01	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-151	Min.	-0.01	1	-0.00	5	-0.01	33	0.00	5	-0.00	1	0.00	1
-150	Max	0.01	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-150	Min.	-0.01	1	-0.00	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-149	Max	0.01	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-149	Min.	-0.01	1	-0.00	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-148	Max	0.01	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-148	Min.	-0.01	1	-0.00	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-147	Max	0.01	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-147	Min.	-0.01	1	-0.00	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-146	Max	0.01	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-146	Min.	-0.01	1	-0.00	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-145	Max	0.01	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-145	Min.	-0.01	1	-0.00	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-144	Max	0.01	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-144	Min.	-0.01	1	-0.00	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-143	Max	0.01	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-143	Min.	-0.01	1	-0.00	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-142	Max	0.01	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-142	Min.	-0.01	1	-0.00	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-141	Max	0.01	1	0.00	5	-0.00	5	0.00	5	0.00	1	0.00	1
-141	Min.	-0.01	1	-0.00	5	-0.00	28	0.00	5	-0.00	1	0.00	1
-140	Max	0.01	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-140	Min.	-0.01	1	-0.00	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-139	Max	0.01	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-139	Min.	-0.01	1	-0.00	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-138	Max	0.01	1	0.00	5	-0.00	5	0.00	5	0.00	1	0.00	1
-138	Min.	-0.01	1	-0.00	5	-0.00	33	0.00	5	-0.00	1	0.00	1
-137	Max	0.01	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-137	Min.	-0.01	1	-0.00	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-136	Max	0.01	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-136	Min.	-0.01	1	-0.00	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-135	Max	0.01	1	0.00	5	-0.00	5	0.00	5	0.00	1	0.00	1
-135	Min.	-0.01	1	-0.00	5	-0.01	28	0.00	5	-0.00	1	0.00	1
-134	Max	0.01	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-134	Min.	-0.01	1	-0.00	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-133	Max	0.01	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-133	Min.	-0.01	1	-0.00	5	-0.01	33	0.00	5	-0.00	1	0.00	1
-132	Max	0.01	1	0.00	5	-0.00	5	0.00	5	0.00	1	0.00	1
-132	Min.	-0.01	1	-0.00	5	-0.01	33	0.00	5	-0.00	1	0.00	1
-131	Max	0.01	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-131	Min.	-0.01	1	-0.00	5	-0.01	33	0.00	5	-0.00	1	0.00	1
-130	Max	0.01	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-130	Min.	-0.01	1	-0.00	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-129	Max	0.01	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-129	Min.	-0.01	1	-0.00	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-128	Max	0.01	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-128	Min.	-0.01	1	-0.00	5	-0.01	33	0.00	5	-0.00	1	0.00	1
-127	Max	0.01	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-127	Min.	-0.01	1	-0.00	5	-0.01	33	0.00	5	-0.00	1	0.00	1
-126	Max	0.01	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-126	Min.	-0.01	1	-0.00	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-125	Max	0.01	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-125	Min.	-0.01	1	-0.00	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-124	Max	0.01	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-124	Min.	-0.01	1	-0.00	5	-0.01	33	0.00	5	-0.00	1	0.00	1
-123	Max	0.01	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-123	Min.	-0.01	1	-0.00	5	-0.01	33	0.00	5	-0.00	1	0.00	1
-122	Max	0.01	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-122	Min.	-0.01	1	-0.00	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-121	Max	0.01	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-121	Min.	-0.01	1	-0.00	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-120	Max	0.01	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-120	Min.	-0.01	1	-0.00	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-119	Max	0.01	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-119	Min.	-0.01	1	-0.00	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-118	Max	0.01	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-118	Min.	-0.01	1	-0.00	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-117	Max	0.01	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-117	Min.	-0.01	1	-0.00	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-116	Max	0.01	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-116	Min.	-0.01	1	-0.00	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-115	Max	0.01	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-115	Min.	-0.01	1	-0.00	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-114	Max	0.01	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1

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-114	Min.	-0.01	1	-0.00	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-113	Max.	0.01	1	0.00	5	-0.00	5	0.00	5	0.00	1	0.00	1
-113	Min.	-0.01	1	-0.00	5	-0.00	28	0.00	5	-0.00	1	0.00	1
-112	Max.	0.01	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-112	Min.	-0.01	1	-0.00	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-111	Max.	0.01	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-111	Min.	-0.01	1	-0.00	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-110	Max.	0.01	1	0.00	5	-0.00	5	0.00	5	0.00	1	0.00	1
-110	Min.	-0.01	1	-0.00	5	-0.00	33	0.00	5	-0.00	1	0.00	1
-109	Max.	0.01	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-109	Min.	-0.01	1	-0.00	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-108	Max.	0.00	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-108	Min.	-0.00	1	-0.00	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-107	Max.	0.00	1	0.00	5	-0.00	5	0.00	5	0.00	1	0.00	1
-107	Min.	-0.00	1	-0.00	5	-0.00	28	0.00	5	-0.00	1	0.00	1
-106	Max.	0.00	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-106	Min.	-0.00	1	-0.00	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-105	Max.	0.00	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-105	Min.	-0.00	1	-0.00	5	-0.01	33	0.00	5	-0.00	1	0.00	1
-104	Max.	0.00	1	0.00	5	-0.00	5	0.00	5	0.00	1	0.00	1
-104	Min.	-0.00	1	-0.00	5	-0.01	33	0.00	5	-0.00	1	0.00	1
-103	Max.	0.00	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-103	Min.	-0.00	1	-0.00	5	-0.01	33	0.00	5	-0.00	1	0.00	1
-102	Max.	0.00	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-102	Min.	-0.00	1	-0.00	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-101	Max.	0.00	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-101	Min.	-0.00	1	-0.00	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-100	Max.	0.00	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-100	Min.	-0.00	1	-0.00	5	-0.01	33	0.00	5	-0.00	1	0.00	1
-99	Max.	0.00	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-99	Min.	-0.00	1	-0.00	5	-0.01	33	0.00	5	-0.00	1	0.00	1
-98	Max.	0.00	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-98	Min.	-0.00	1	-0.00	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-97	Max.	0.00	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-97	Min.	-0.00	1	-0.00	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-96	Max.	0.00	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-96	Min.	-0.00	1	-0.00	5	-0.01	33	0.00	5	-0.00	1	0.00	1
-95	Max.	0.00	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-95	Min.	-0.00	1	-0.00	5	-0.01	33	0.00	5	-0.00	1	0.00	1
-94	Max.	0.00	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-94	Min.	-0.00	1	-0.00	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-93	Max.	0.00	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-93	Min.	-0.00	1	-0.00	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-92	Max.	0.00	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-92	Min.	-0.00	1	-0.00	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-91	Max.	0.00	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-91	Min.	-0.00	1	-0.00	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-90	Max.	0.00	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-90	Min.	-0.00	1	-0.00	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-89	Max.	0.00	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-89	Min.	-0.00	1	-0.00	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-88	Max.	0.00	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-88	Min.	-0.00	1	-0.00	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-87	Max.	0.00	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-87	Min.	-0.00	1	-0.00	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-86	Max.	0.00	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-86	Min.	-0.00	1	-0.00	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-85	Max.	0.00	1	0.00	5	-0.00	5	0.00	5	0.00	1	0.00	1
-85	Min.	-0.00	1	-0.00	5	-0.00	28	0.00	5	-0.00	1	0.00	1
-84	Max.	0.00	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-84	Min.	-0.00	1	-0.00	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-83	Max.	0.00	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-83	Min.	-0.00	1	-0.00	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-82	Max.	0.00	1	0.00	5	-0.00	5	0.00	5	0.00	1	0.00	1
-82	Min.	-0.00	1	-0.00	5	-0.00	33	0.00	5	-0.00	1	0.00	1
-81	Max.	0.00	1	0.00	5	-0.00	1	0.00	5	0.00	1	0.00	1
-81	Min.	-0.00	1	-0.00	5	-0.01	1	0.00	5	-0.00	1	0.00	1
-80	Max.	0.00	1	0.00	1	-0.00	5	0.00	5	0.00	1	0.00	1
-80	Min.	0.00	1	0.00	1	-0.01	28	0.00	5	-0.00	1	0.00	1
-79	Max.	0.00	1	0.00	1	-0.00	5	0.00	5	0.00	1	0.00	1
-79	Min.	0.00	1	0.00	1	-0.01	33	0.00	5	-0.00	1	0.00	1
-78	Max.	0.00	1	0.00	1	-0.00	1	0.00	5	0.00	1	0.00	1
-78	Min.	0.00	1	0.00	1	-0.01	1	0.00	5	-0.00	1	0.00	1
-77	Max.	0.00	1	0.00	1	-0.00	1	0.00	5	0.00	1	0.00	1
-77	Min.	0.00	1	0.00	1	-0.01	1	0.00	5	-0.00	1	0.00	1
-76	Max.	0.00	1	0.00	1	-0.00	1	0.00	5	0.00	1	0.00	1
-76	Min.	0.00	1	0.00	1	-0.01	33	0.00	5	-0.00	1	0.00	1
-75	Max.	0.00	1	0.00	1	-0.00	1	0.00	5	0.00	1	0.00	1
-75	Min.	0.00	1	0.00	1	-0.01	33	0.00	5	-0.00	1	0.00	1

Relazione di Calcolo - Ponte Torrente Gogna

-74	Max	0.00	1	0.00	1	0.00	1	0.00	5	0.00	1	0.00	1
-74	Min.	0.00	1	0.00	1	-0.01	1	0.00	5	-0.00	1	0.00	1
-73	Max	0.00	1	0.00	1	0.00	1	0.00	5	0.00	1	0.00	1
-73	Min.	0.00	1	0.00	1	-0.01	1	0.00	5	-0.00	1	0.00	1
-72	Max	0.00	1	0.00	1	0.00	1	0.00	5	0.00	1	0.00	1
-72	Min.	0.00	1	0.00	1	-0.01	1	0.00	5	-0.00	1	0.00	1
-71	Max	0.00	1	0.00	1	0.00	1	0.00	5	0.00	1	0.00	1
-71	Min.	0.00	1	0.00	1	-0.01	1	0.00	5	-0.00	1	0.00	1
-70	Max	0.00	1	0.00	1	0.00	1	0.00	5	0.00	1	0.00	1
-70	Min.	0.00	1	0.00	1	-0.01	1	0.00	5	-0.00	1	0.00	1
-69	Max	0.00	1	0.00	1	-0.00	1	0.00	5	0.00	1	0.00	1
-69	Min.	0.00	1	0.00	1	-0.01	1	0.00	5	-0.00	1	0.00	1
-68	Max	0.00	1	0.00	1	-0.00	5	0.00	5	0.00	1	0.00	1
-68	Min.	0.00	1	0.00	1	-0.00	28	0.00	5	-0.00	1	0.00	1
-67	Max	0.00	1	0.00	1	-0.00	1	0.00	5	0.00	1	0.00	1
-67	Min.	0.00	1	0.00	1	-0.01	1	0.00	5	-0.00	1	0.00	1
-66	Max	0.00	1	0.00	1	0.00	1	0.00	5	0.00	1	0.00	1
-66	Min.	0.00	1	0.00	1	-0.01	1	0.00	5	-0.00	1	0.00	1
-65	Max	0.00	1	0.00	1	0.00	1	0.00	5	0.00	1	0.00	1
-65	Min.	0.00	1	0.00	1	-0.01	1	0.00	5	-0.00	1	0.00	1
-64	Max	0.00	1	0.00	1	-0.00	1	0.00	5	0.00	1	0.00	1
-64	Min.	0.00	1	0.00	1	-0.01	33	0.00	5	-0.00	1	0.00	1
-63	Max	0.00	1	0.00	1	-0.00	5	0.00	5	0.00	1	0.00	1
-63	Min.	0.00	1	0.00	1	-0.01	33	0.00	5	-0.00	1	0.00	1
-62	Max	0.00	1	0.00	1	-0.00	1	0.00	5	0.00	1	0.00	1
-62	Min.	0.00	1	0.00	1	-0.01	33	0.00	5	-0.00	1	0.00	1
-61	Max	0.00	1	0.00	1	0.00	1	0.00	5	0.00	1	0.00	1
-61	Min.	0.00	1	0.00	1	-0.01	1	0.00	5	-0.00	1	0.00	1
-60	Max	0.00	1	0.00	1	0.00	1	0.00	5	0.00	1	0.00	1
-60	Min.	0.00	1	0.00	1	-0.01	1	0.00	5	-0.00	1	0.00	1
-59	Max	0.00	1	0.00	1	-0.00	1	0.00	5	0.00	1	0.00	1
-59	Min.	0.00	1	0.00	1	-0.01	1	0.00	5	-0.00	1	0.00	1
-58	Max	0.00	1	0.00	1	-0.00	5	0.00	5	0.00	1	0.00	1
-58	Min.	0.00	1	0.00	1	-0.00	28	0.00	5	-0.00	1	0.00	1
-57	Max	0.00	1	0.00	1	-0.00	1	0.00	5	0.00	1	0.00	1
-57	Min.	0.00	1	0.00	1	-0.01	1	0.00	5	-0.00	1	0.00	1
-56	Max	0.00	1	0.00	1	0.00	1	0.00	5	0.00	1	0.00	1
-56	Min.	0.00	1	0.00	1	-0.01	1	0.00	5	-0.00	1	0.00	1
-55	Max	0.00	1	0.00	1	0.00	1	0.00	5	0.00	1	0.00	1
-55	Min.	0.00	1	0.00	1	-0.01	1	0.00	5	-0.00	1	0.00	1
-54	Max	0.00	1	0.00	1	-0.00	1	0.00	5	0.00	1	0.00	1
-54	Min.	0.00	1	0.00	1	-0.01	33	0.00	5	-0.00	1	0.00	1
-53	Max	0.00	1	0.00	1	-0.00	5	0.00	5	0.00	1	0.00	1
-53	Min.	0.00	1	0.00	1	-0.01	33	0.00	5	-0.00	1	0.00	1
-52	Max	0.00	1	0.00	1	-0.00	1	0.00	5	0.00	1	0.00	1
-52	Min.	0.00	1	0.00	1	-0.01	33	0.00	5	-0.00	1	0.00	1
-51	Max	0.00	1	0.00	1	0.00	1	0.00	5	0.00	1	0.00	1
-51	Min.	0.00	1	0.00	1	-0.01	1	0.00	5	-0.00	1	0.00	1
-50	Max	0.00	1	0.00	1	0.00	1	0.00	5	0.00	1	0.00	1
-50	Min.	0.00	1	0.00	1	-0.01	1	0.00	5	-0.00	1	0.00	1
-49	Max	0.00	1	0.00	1	-0.00	1	0.00	5	0.00	1	0.00	1
-49	Min.	0.00	1	0.00	1	-0.01	1	0.00	5	-0.00	1	0.00	1
-48	Max	0.00	1	0.00	1	-0.00	5	0.00	5	0.00	1	0.00	1
-48	Min.	0.00	1	0.00	1	-0.00	28	0.00	5	-0.00	1	0.00	1
-47	Max	0.00	1	0.00	1	-0.00	1	0.00	5	0.00	1	0.00	1
-47	Min.	0.00	1	0.00	1	-0.01	1	0.00	5	-0.00	1	0.00	1
-46	Max	0.00	1	0.00	1	0.00	1	0.00	5	0.00	1	0.00	1
-46	Min.	0.00	1	0.00	1	-0.01	1	0.00	5	-0.00	1	0.00	1
-45	Max	0.00	1	0.00	1	0.00	1	0.00	5	0.00	1	0.00	1
-45	Min.	0.00	1	0.00	1	-0.01	1	0.00	5	-0.00	1	0.00	1
-44	Max	0.00	1	0.00	1	-0.00	1	0.00	5	0.00	1	0.00	1
-44	Min.	0.00	1	0.00	1	-0.01	33	0.00	5	-0.00	1	0.00	1
-43	Max	0.00	1	0.00	1	-0.00	5	0.00	5	0.00	1	0.00	1
-43	Min.	0.00	1	0.00	1	-0.01	33	0.00	5	-0.00	1	0.00	1
-42	Max	0.00	1	0.00	1	-0.00	1	0.00	5	0.00	1	0.00	1
-42	Min.	0.00	1	0.00	1	-0.01	33	0.00	5	-0.00	1	0.00	1
-41	Max	0.00	1	0.00	1	0.00	1	0.00	5	0.00	1	0.00	1
-41	Min.	0.00	1	0.00	1	-0.01	1	0.00	5	-0.00	1	0.00	1
-40	Max	0.00	1	0.00	1	0.00	1	0.00	5	0.00	1	0.00	1
-40	Min.	0.00	1	0.00	1	-0.01	1	0.00	5	-0.00	1	0.00	1
-39	Max	0.00	1	0.00	1	-0.00	1	0.00	5	0.00	1	0.00	1
-39	Min.	0.00	1	0.00	1	-0.01	1	0.00	5	-0.00	1	0.00	1
-38	Max	0.00	1	0.00	1	-0.00	5	0.00	5	0.00	1	0.00	1
-38	Min.	0.00	1	0.00	1	-0.00	28	0.00	5	-0.00	1	0.00	1
-37	Max	0.00	1	0.00	1	-0.00	1	0.00	5	0.00	1	0.00	1
-37	Min.	0.00	1	0.00	1	-0.01	1	0.00	5	-0.00	1	0.00	1
-36	Max	0.00	1	0.00	1	0.00	1	0.00	5	0.00	1	0.00	1
-36	Min.	0.00	1	0.00	1	-0.01	1	0.00	5	-0.00	1	0.00	1
-35	Max	0.00	1	0.00	1	0.00	1	0.00	5	0.00	1	0.00	1

Relazione di Calcolo - Ponte Torrente Gogna

-35	Min.	0.00	1	0.00	1	-0.01	1	0.00	5	-0.00	1	0.00	1
-34	Max	0.00	1	0.00	1	-0.00	1	0.00	5	0.00	1	0.00	1
-34	Min.	0.00	1	0.00	1	-0.01	1	0.00	5	-0.00	1	0.00	1
-33	Max	0.00	1	0.00	1	-0.00	5	0.00	5	0.00	1	0.00	1
-33	Min.	0.00	1	0.00	1	-0.01	33	0.00	5	-0.00	1	0.00	1
-32	Max	0.00	1	0.00	1	-0.00	1	0.00	5	0.00	1	0.00	1
-32	Min.	0.00	1	0.00	1	-0.01	1	0.00	5	-0.00	1	0.00	1
-31	Max	0.00	1	0.00	1	0.00	1	0.00	5	0.00	1	0.00	1
-31	Min.	0.00	1	0.00	1	-0.01	1	0.00	5	-0.00	1	0.00	1
-30	Max	0.00	1	0.00	1	0.00	1	0.00	5	0.00	1	0.00	1
-30	Min.	0.00	1	0.00	1	-0.01	1	0.00	5	-0.00	1	0.00	1
-29	Max	0.00	1	0.00	1	-0.00	1	0.00	5	0.00	1	0.00	1
-29	Min.	0.00	1	0.00	1	-0.01	1	0.00	5	-0.00	1	0.00	1
-28	Max	0.00	1	0.00	1	-0.00	5	0.00	5	0.00	1	0.00	1
-28	Min.	0.00	1	0.00	1	-0.00	28	0.00	5	-0.00	1	0.00	1
-27	Max	0.00	1	0.00	1	-0.00	1	0.00	5	0.00	1	0.00	1
-27	Min.	0.00	1	0.00	1	-0.01	1	0.00	5	-0.00	1	0.00	1
-26	Max	0.00	1	0.00	1	0.00	1	0.00	5	0.00	1	0.00	1
-26	Min.	0.00	1	0.00	1	-0.01	1	0.00	5	-0.00	1	0.00	1
-25	Max	0.00	1	0.00	1	0.00	1	0.00	5	0.00	1	0.00	1
-25	Min.	0.00	1	0.00	1	-0.01	1	0.00	5	-0.00	1	0.00	1
-24	Max	0.00	1	0.00	1	-0.00	1	0.00	5	0.00	1	0.00	1
-24	Min.	0.00	1	0.00	1	-0.01	1	0.00	5	-0.00	1	0.00	1
-23	Max	0.00	1	0.00	1	-0.00	5	0.00	5	0.00	1	0.00	1
-23	Min.	0.00	1	0.00	1	-0.00	33	0.00	5	-0.00	1	0.00	1
-22	Max	0.00	1	0.00	1	-0.00	1	0.00	5	0.00	1	0.00	1
-22	Min.	0.00	1	0.00	1	-0.01	1	0.00	5	-0.00	1	0.00	1
-21	Max	0.00	1	0.00	1	0.00	1	0.00	5	0.00	1	0.00	1
-21	Min.	0.00	1	0.00	1	-0.01	1	0.00	5	-0.00	1	0.00	1
-20	Max	0.00	1	0.00	1	0.00	1	0.00	5	0.00	1	0.00	1
-20	Min.	0.00	1	0.00	1	-0.01	1	0.00	5	-0.00	1	0.00	1
-19	Max	0.00	1	0.00	1	-0.00	1	0.00	5	0.00	1	0.00	1
-19	Min.	0.00	1	0.00	1	-0.01	1	0.00	5	-0.00	1	0.00	1
-18	Max	0.00	1	0.00	1	-0.00	5	0.00	5	0.00	1	0.00	1
-18	Min.	0.00	1	0.00	1	-0.00	28	0.00	5	-0.00	1	0.00	1
-17	Max	0.00	1	0.00	1	-0.00	1	0.00	5	0.00	1	0.00	1
-17	Min.	0.00	1	0.00	1	-0.01	1	0.00	5	-0.00	1	0.00	1
-16	Max	0.00	1	0.00	1	0.00	1	0.00	5	0.00	1	0.00	1
-16	Min.	0.00	1	0.00	1	-0.01	1	0.00	5	-0.00	1	0.00	1
-15	Max	0.00	1	0.00	1	0.00	1	0.00	5	0.00	1	0.00	1
-15	Min.	0.00	1	0.00	1	-0.01	1	0.00	5	-0.00	1	0.00	1
-14	Max	0.00	1	0.00	1	-0.00	1	0.00	5	0.00	1	0.00	1
-14	Min.	0.00	1	0.00	1	-0.01	1	0.00	5	-0.00	1	0.00	1
-13	Max	0.00	1	0.00	1	-0.00	5	0.00	5	0.00	1	0.00	1
-13	Min.	0.00	1	0.00	1	-0.00	33	0.00	5	-0.00	1	0.00	1
-12	Max	0.00	1	0.00	1	-0.00	1	0.00	5	0.00	1	0.00	1
-12	Min.	0.00	1	0.00	1	-0.01	1	0.00	5	-0.00	1	0.00	1
-11	Max	0.00	1	0.00	1	0.00	1	0.00	5	0.00	1	0.00	1
-11	Min.	0.00	1	0.00	1	-0.01	1	0.00	5	-0.00	1	0.00	1
-10	Max	0.00	1	0.00	1	0.00	1	0.00	5	0.00	1	0.00	1
-10	Min.	0.00	1	0.00	1	-0.01	1	0.00	5	-0.00	1	0.00	1
-9	Max	0.00	1	0.00	1	0.00	1	0.00	5	0.00	1	0.00	1
-9	Min.	0.00	1	0.00	1	-0.01	1	0.00	5	-0.00	1	0.00	1
-8	Max	0.00	1	0.00	1	0.00	1	0.00	5	0.00	1	0.00	1
-8	Min.	0.00	1	0.00	1	-0.01	1	0.00	5	-0.00	1	0.00	1
-7	Max	0.00	1	0.00	1	0.00	1	0.00	5	0.00	1	0.00	1
-7	Min.	0.00	1	0.00	1	-0.01	1	0.00	5	-0.00	1	0.00	1
-6	Max	0.00	1	0.00	1	-0.00	1	0.00	5	0.00	1	0.00	1
-6	Min.	0.00	1	0.00	1	-0.01	1	0.00	5	-0.00	1	0.00	1
-5	Max	0.00	1	0.00	1	-0.00	1	0.00	5	0.00	1	0.00	1
-5	Min.	0.00	1	0.00	1	-0.01	1	0.00	5	-0.00	1	0.00	1
-4	Max	0.00	1	0.00	1	-0.00	1	0.00	5	0.00	1	0.00	1
-4	Min.	0.00	1	0.00	1	-0.01	1	0.00	5	-0.00	1	0.00	1
-3	Max	0.00	1	0.00	1	-0.00	1	0.00	5	0.00	1	0.00	1
-3	Min.	0.00	1	0.00	1	-0.01	1	0.00	5	-0.00	1	0.00	1
-2	Max	0.00	1	0.00	1	-0.00	5	0.00	5	0.00	1	0.00	1
-2	Min.	0.00	1	0.00	1	-0.00	28	0.00	5	-0.00	1	0.00	1
-1	Max	0.00	1	0.00	1	-0.00	5	0.00	5	0.00	1	0.00	1
-1	Min.	0.00	1	0.00	1	-0.00	33	0.00	5	-0.00	1	0.00	1
1	Max	0.12	1	0.09	5	0.01	5	0.01	5	0.00	1	0.00	1
1	Min.	-0.12	1	-0.09	5	-0.03	5	-0.01	5	-0.00	1	0.00	1
2	Max	0.00	5	0.08	5	0.01	5	0.01	5	0.00	5	0.00	5
2	Min.	0.00	5	-0.08	5	-0.03	5	-0.01	5	0.00	5	0.00	5
3	Max	0.12	1	0.09	5	-0.00	5	0.00	5	0.00	1	0.00	1
3	Min.	-0.12	1	-0.09	5	-0.02	13	-0.00	5	-0.00	1	0.00	1
4	Max	0.02	1	0.00	5	-0.00	5	0.00	5	0.00	1	0.00	1
4	Min.	0.02	1	-0.00	5	-0.01	33	0.00	33	-0.00	1	0.00	1
5	Max	0.02	1	0.00	5	-0.00	5	0.00	5	0.00	1	0.00	1
5	Min.	-0.02	1	-0.00	5	-0.01	28	0.00	28	-0.00	1	0.00	1

Relazione di Calcolo – Ponte Torrente Gogna

6	Max	0.00	5	0.08	5	-0.00	5	0.00	5	0.00	5	0.00	1
6	Min.	0.00	5	-0.08	5	-0.01	18	-0.00	5	0.00	5	0.00	1
7	Max	0.12	1	0.09	5	-0.01	5	0.00	5	0.00	1	0.00	1
7	Min.	-0.12	1	-0.09	5	-0.02	13	-0.00	5	-0.00	1	0.00	1
8	Max	0.12	1	0.09	5	-0.01	1	0.00	5	0.00	1	0.00	1
8	Min.	-0.12	1	-0.09	5	-0.02	13	-0.00	14	-0.00	1	0.00	1
9	Max	0.03	1	0.00	5	-0.00	5	0.00	5	0.00	1	0.00	1
9	Min.	-0.03	1	-0.00	5	-0.01	33	0.00	5	-0.00	1	0.00	1
10	Max	0.03	1	0.00	5	-0.00	5	0.00	5	0.00	1	0.00	1
10	Min.	-0.03	1	-0.00	5	-0.01	28	0.00	5	-0.00	1	0.00	1
11	Max	0.00	5	0.08	5	-0.01	5	0.00	5	0.00	5	0.00	5
11	Min.	0.00	5	-0.08	5	-0.01	18	0.00	5	0.00	5	0.00	5
12	Max	0.12	1	0.09	5	-0.01	5	0.00	5	0.00	1	0.00	1
12	Min.	-0.12	1	-0.09	5	-0.02	13	-0.00	13	-0.00	1	0.00	1
13	Max	0.03	1	0.00	5	-0.00	5	0.00	5	0.00	1	0.00	1
13	Min.	-0.03	1	-0.00	5	-0.01	33	0.00	23	-0.00	1	0.00	1
14	Max	0.03	1	0.00	5	-0.00	5	0.00	5	0.00	1	0.00	1
14	Min.	-0.03	1	-0.00	5	-0.01	28	0.00	28	-0.00	1	0.00	1
15	Max	0.00	5	0.08	5	-0.01	5	0.00	5	0.00	5	0.00	5
15	Min.	0.00	5	-0.08	5	-0.01	18	0.00	18	0.00	5	0.00	5
16	Max	0.12	1	0.09	5	-0.01	5	0.00	5	0.00	1	0.00	1
16	Min.	-0.12	1	-0.09	5	-0.02	13	0.00	13	-0.00	1	0.00	1
17	Max	0.12	1	0.09	5	-0.01	5	0.00	5	0.00	1	0.00	1
17	Min.	-0.12	1	-0.09	5	-0.02	13	0.00	18	-0.00	1	0.00	1
18	Max	0.02	1	0.00	5	-0.00	5	0.00	5	0.00	1	0.00	1
18	Min.	-0.02	1	-0.00	5	-0.01	33	0.00	5	-0.00	1	0.00	1
19	Max	0.02	1	0.00	5	-0.00	5	0.00	5	0.00	1	0.00	1
19	Min.	-0.02	1	-0.00	5	-0.01	28	0.00	5	-0.00	1	0.00	1
20	Max	0.00	5	0.08	5	-0.01	5	0.00	5	0.00	5	0.00	1
20	Min.	0.00	5	-0.08	5	-0.01	18	0.00	18	0.00	5	0.00	1
21	Max	0.12	1	0.09	5	-0.01	5	0.00	5	0.00	1	0.00	1
21	Min.	-0.12	1	-0.09	5	-0.03	13	0.00	18	-0.00	1	0.00	1
22	Max	0.00	5	0.08	5	-0.01	5	0.00	5	0.00	5	0.00	5
22	Min.	0.00	5	-0.08	5	-0.02	18	0.00	18	0.00	5	0.00	5
23	Max	0.12	1	0.09	5	-0.01	5	0.00	5	0.00	1	0.00	1
23	Min.	-0.12	1	-0.09	5	-0.02	13	-0.00	13	-0.00	1	0.00	1
24	Max	0.00	5	0.08	5	-0.01	5	0.00	5	0.00	5	0.00	1
24	Min.	0.00	5	-0.08	5	-0.01	18	0.00	5	0.00	5	0.00	1
25	Max	0.12	1	0.10	5	0.01	5	0.01	5	0.00	1	0.00	1
25	Min.	-0.12	1	-0.10	5	-0.03	5	-0.01	5	-0.00	1	0.00	1
26	Max	0.00	5	0.09	5	0.01	5	0.01	5	0.00	5	0.00	5
26	Min.	0.00	5	-0.09	5	-0.03	5	-0.01	5	0.00	5	0.00	5
27	Max	0.13	1	0.10	5	-0.00	5	0.00	5	0.01	18	0.00	5
27	Min.	-0.13	1	-0.10	5	-0.02	5	-0.00	5	0.00	1	0.00	5
28	Max	0.13	1	0.09	5	-0.00	5	0.00	5	-0.00	5	0.00	5
28	Min.	-0.13	1	-0.09	5	-0.02	5	0.00	5	-0.01	18	0.00	5
29	Max	0.13	1	0.10	5	-0.00	5	0.00	5	0.01	18	0.00	5
29	Min.	-0.13	1	-0.10	5	-0.02	13	-0.00	5	0.00	1	0.00	5
30	Max	0.13	1	0.10	5	-0.00	5	0.00	5	-0.00	1	0.00	5
30	Min.	-0.13	1	-0.10	5	-0.01	33	0.00	5	-0.01	18	0.00	5
31	Max	0.13	1	0.10	5	-0.00	5	0.00	5	0.01	18	0.00	5
31	Min.	-0.13	1	-0.10	5	-0.01	28	0.00	5	0.00	29	0.00	5
32	Max	0.13	1	0.09	5	-0.00	5	0.00	5	-0.00	9	0.00	5
32	Min.	-0.13	1	-0.09	5	-0.01	18	-0.00	5	-0.01	18	0.00	5
33	Max	0.13	1	0.10	5	-0.01	5	0.00	5	0.01	18	0.00	5
33	Min.	-0.13	1	-0.10	5	-0.02	13	-0.00	5	0.00	1	0.00	5
34	Max	0.13	1	0.10	5	-0.01	1	0.00	5	0.01	18	0.00	5
34	Min.	-0.13	1	-0.10	5	-0.02	13	-0.00	5	0.00	1	0.00	5
35	Max	0.13	1	0.10	5	-0.00	5	0.00	5	-0.00	29	0.00	5
35	Min.	-0.13	1	-0.10	5	-0.01	33	0.00	24	-0.01	18	0.00	5
36	Max	0.13	1	0.10	5	-0.00	5	0.00	5	0.01	18	0.00	5
36	Min.	-0.13	1	-0.10	5	-0.01	28	0.00	5	0.00	29	0.00	5
37	Max	0.13	1	0.09	5	-0.01	5	0.00	5	-0.00	9	0.00	5
37	Min.	-0.13	1	-0.09	5	-0.01	18	-0.00	5	-0.01	18	0.00	5
38	Max	0.13	1	0.10	5	-0.01	5	0.00	5	0.01	18	0.00	5
38	Min.	-0.13	1	-0.10	5	-0.02	13	0.00	13	0.00	1	0.00	5
39	Max	0.13	1	0.10	5	-0.00	5	0.00	5	-0.00	29	0.00	5
39	Min.	-0.13	1	-0.10	5	-0.01	33	0.00	23	-0.01	18	0.00	5
40	Max	0.13	1	0.10	5	-0.00	5	0.00	5	0.01	18	0.00	5
40	Min.	-0.13	1	-0.10	5	-0.01	28	0.00	5	0.00	29	0.00	5
41	Max	0.13	1	0.09	5	-0.01	5	0.00	5	-0.00	9	0.00	5
41	Min.	-0.13	1	-0.09	5	-0.01	18	0.00	18	-0.01	18	0.00	5
42	Max	0.13	1	0.10	5	-0.01	5	0.00	5	0.01	18	0.00	5
42	Min.	-0.13	1	-0.10	5	-0.02	13	0.00	18	0.00	1	0.00	5
43	Max	0.13	1	0.10	5	-0.01	5	0.00	1	0.01	18	0.00	1
43	Min.	-0.13	1	-0.10	5	-0.02	13	-0.00	18	0.00	1	0.00	1
44	Max	0.13	1	0.10	5	-0.00	5	0.00	5	0.00	29	0.00	5
44	Min.	-0.13	1	-0.10	5	-0.01	33	0.00	18	-0.01	18	0.00	5
45	Max	0.13	1	0.10	5	-0.00	5	0.00	5	0.01	18	0.00	5

Relazione di Calcolo - Ponte Torrente Gogna

45	Min.	-0.13	1	-0.10	5	-0.01	28	0.00	28	0.00	29	0.00	5
46	Max	0.13	1	0.09	5	-0.01	5	0.00	5	-0.00	9	0.00	5
46	Min.	-0.13	1	-0.09	5	-0.01	18	0.00	18	-0.01	18	0.00	5
47	Max	0.12	1	0.09	5	-0.01	5	0.00	5	0.00	1	0.00	1
47	Min.	-0.12	1	-0.09	5	-0.03	13	0.00	18	-0.00	1	0.00	1
48	Max	0.00	5	0.08	5	-0.01	5	0.00	5	0.00	5	0.00	5
48	Min.	0.00	5	-0.08	5	-0.02	18	0.00	18	0.00	5	0.00	5

Reazioni vincolari

Simbologia

Nodo	= Numero del nodo
Rx	= Reazione vincolare (forza) in dir. X
CC	= Numero della combinazione delle condizioni di carico elementari
Ry	= Reazione vincolare (forza) in dir. Y
Rz	= Reazione vincolare (forza) in dir. Z
Mx	= Reazione vincolare (momento) intorno all'asse X
My	= Reazione vincolare (momento) intorno all'asse Y
Mz	= Reazione vincolare (momento) intorno all'asse Z

Nodo		Rx <kN>	CC	Ry <kN>	CC	Rz <kN>	CC	Mx <kNm>	CC	My <kNm>	CC	Mz <kNm>	CC
-80	Max	0.00	1	0.00	1	162.23	28	0.00	1	0.00	1	0.00	1
-80	Min.	0.00	1	0.00	1	90.16	5	0.00	1	0.00	1	0.00	1
-79	Max	0.00	1	0.00	1	188.41	33	0.00	1	0.00	1	0.00	1
-79	Min.	0.00	1	0.00	1	87.12	5	0.00	1	0.00	1	0.00	1
-78	Max	0.00	1	0.00	1	136.94	28	0.00	1	0.00	1	0.00	1
-78	Min.	0.00	1	0.00	1	62.33	1	0.00	1	0.00	1	0.00	1
-77	Max	0.00	1	0.00	1	136.94	28	0.00	1	0.00	1	0.00	1
-77	Min.	0.00	1	0.00	1	62.19	1	0.00	1	0.00	1	0.00	1
-76	Max	0.00	1	0.00	1	158.47	33	0.00	1	0.00	1	0.00	1
-76	Min.	0.00	1	0.00	1	61.68	1	0.00	1	0.00	1	0.00	1
-75	Max	0.00	1	0.00	1	158.47	33	0.00	1	0.00	1	0.00	1
-75	Min.	0.00	1	0.00	1	61.54	1	0.00	1	0.00	1	0.00	1
-74	Max	0.00	1	0.00	1	50.90	28	0.00	1	0.00	1	0.00	1
-74	Min.	0.00	1	0.00	1	14.05	1	0.00	1	0.00	1	0.00	1
-73	Max	0.00	1	0.00	1	50.90	28	0.00	1	0.00	1	0.00	1
-73	Min.	0.00	1	0.00	1	14.00	1	0.00	1	0.00	1	0.00	1
-72	Max	0.00	1	0.00	1	58.64	33	0.00	1	0.00	1	0.00	1
-72	Min.	0.00	1	0.00	1	13.84	1	0.00	1	0.00	1	0.00	1
-71	Max	0.00	1	0.00	1	58.64	33	0.00	1	0.00	1	0.00	1
-71	Min.	0.00	1	0.00	1	13.79	1	0.00	1	0.00	1	0.00	1
-70	Max	0.00	1	0.00	1	109.77	28	0.00	1	0.00	1	0.00	1
-70	Min.	0.00	1	0.00	1	30.63	1	0.00	1	0.00	1	0.00	1
-69	Max	38.85	1	-6.90	1	242.05	28	0.00	1	0.00	1	0.90	1
-69	Min.	-57.34	1	-27.41	28	112.06	1	0.00	1	0.00	1	-3.07	1
-68	Max	67.97	1	0.29	28	254.61	28	0.00	1	0.00	1	2.56	1
-68	Min.	-67.97	1	-0.10	5	147.32	5	0.00	1	0.00	1	-2.56	1
-67	Max	57.38	1	-6.95	1	242.05	28	0.00	1	0.00	1	3.06	1
-67	Min.	-38.88	1	-27.41	28	111.81	1	0.00	1	0.00	1	-0.89	1
-66	Max	0.00	1	0.00	1	109.77	28	0.00	1	0.00	1	0.00	1
-66	Min.	0.00	1	0.00	1	30.51	1	0.00	1	0.00	1	0.00	1
-65	Max	0.00	1	0.00	1	125.94	33	0.00	1	0.00	1	0.00	1
-65	Min.	0.00	1	0.00	1	30.23	1	0.00	1	0.00	1	0.00	1
-64	Max	38.97	1	-6.59	1	277.72	33	0.00	1	0.00	1	0.88	1
-64	Min.	-57.45	1	-34.90	33	111.14	1	0.00	1	0.00	1	-3.04	1
-63	Max	67.97	1	0.50	23	292.13	33	0.00	1	0.00	1	2.56	1
-63	Min.	-67.97	1	-0.12	5	143.59	5	0.00	1	0.00	1	-2.56	1
-62	Max	57.49	1	-6.65	1	277.72	33	0.00	1	0.00	1	3.04	1
-62	Min.	-39.00	1	-34.90	33	110.88	1	0.00	1	0.00	1	-0.87	1
-61	Max	0.00	1	0.00	1	125.94	33	0.00	1	0.00	1	0.00	1
-61	Min.	0.00	1	0.00	1	30.11	1	0.00	1	0.00	1	0.00	1
-60	Max	0.00	1	0.00	1	241.94	28	0.00	1	0.00	1	0.00	1
-60	Min.	0.00	1	0.00	1	68.66	1	0.00	1	0.00	1	0.00	1
-59	Max	2.01	28	41.85	1	435.70	28	0.00	1	0.00	1	9.42	1
-59	Min.	-0.25	1	-62.91	1	204.47	1	0.00	1	0.00	1	-5.67	1
-58	Max	0.00	1	0.00	1	387.21	28	0.00	1	0.00	1	0.00	1
-58	Min.	0.00	1	0.00	1	228.92	5	0.00	1	0.00	1	0.00	1
-57	Max	0.26	1	41.82	1	435.71	28	0.00	1	0.00	1	5.68	1
-57	Min.	-2.01	28	-62.87	1	204.01	1	0.00	1	0.00	1	-9.43	1
-56	Max	0.00	1	0.00	1	241.94	28	0.00	1	0.00	1	0.00	1
-56	Min.	0.00	1	0.00	1	68.41	1	0.00	1	0.00	1	0.00	1
-55	Max	0.00	1	0.00	1	275.72	33	0.00	1	0.00	1	0.00	1
-55	Min.	0.00	1	0.00	1	67.95	1	0.00	1	0.00	1	0.00	1
-54	Max	3.06	23	42.58	1	496.56	33	0.00	1	0.00	1	9.38	1
-54	Min.	-0.19	1	-63.64	1	203.10	1	0.00	1	0.00	1	-5.64	1
-53	Max	0.00	1	0.00	1	441.29	33	0.00	1	0.00	1	0.00	1
-53	Min.	0.00	1	0.00	1	224.12	5	0.00	1	0.00	1	0.00	1

Relazione di Calcolo – Ponte Torrente Gogna

-52	Max	0.20	1	42.55	1	496.56	33	0.00	1	0.00	1	5.65	1
-52	Min.	-3.06	23	-63.60	1	202.63	1	0.00	1	0.00	1	-9.39	1
-51	Max	0.00	1	0.00	1	275.72	33	0.00	1	0.00	1	0.00	1
-51	Min.	0.00	1	0.00	1	67.69	1	0.00	1	0.00	1	0.00	1
-50	Max	0.00	1	0.00	1	358.55	1	0.00	1	0.00	1	0.00	1
-50	Min.	0.00	1	0.00	1	106.87	1	0.00	1	0.00	1	0.00	1
-49	Max	12.72	1	20.86	1	642.95	28	0.00	1	0.00	1	6.35	1
-49	Min.	-15.51	1	-44.90	1	314.91	1	0.00	1	0.00	1	-6.36	1
-48	Max	0.00	1	0.00	1	571.39	28	0.00	1	0.00	1	0.00	1
-48	Min.	0.00	1	0.00	1	358.15	9	0.00	1	0.00	1	0.00	1
-47	Max	15.52	1	20.81	1	642.95	28	0.00	1	0.00	1	6.36	1
-47	Min.	-12.73	1	-44.85	1	314.21	1	0.00	1	0.00	1	-6.36	1
-46	Max	0.00	1	0.00	1	358.94	1	0.00	1	0.00	1	0.00	1
-46	Min.	0.00	1	0.00	1	106.49	1	0.00	1	0.00	1	0.00	1
-45	Max	0.00	1	0.00	1	397.97	33	0.00	1	0.00	1	0.00	1
-45	Min.	0.00	1	0.00	1	106.62	1	0.00	1	0.00	1	0.00	1
-44	Max	12.57	1	22.07	1	716.68	33	0.00	1	0.00	1	6.32	1
-44	Min.	-15.35	1	-46.11	1	314.32	1	0.00	1	0.00	1	-6.32	1
-43	Max	0.00	1	0.00	1	636.90	33	0.00	1	0.00	1	0.00	1
-43	Min.	0.00	1	0.00	1	357.16	9	0.00	1	0.00	1	0.00	1
-42	Max	15.36	1	22.02	1	716.68	33	0.00	1	0.00	1	6.32	1
-42	Min.	-12.58	1	-46.06	1	313.61	1	0.00	1	0.00	1	-6.32	1
-41	Max	0.00	1	0.00	1	397.97	33	0.00	1	0.00	1	0.00	1
-41	Min.	0.00	1	0.00	1	106.22	1	0.00	1	0.00	1	0.00	1
-40	Max	0.00	1	0.00	1	358.48	1	0.00	1	0.00	1	0.00	1
-40	Min.	0.00	1	0.00	1	106.93	1	0.00	1	0.00	1	0.00	1
-39	Max	12.75	1	44.81	1	625.32	28	0.00	1	0.00	1	6.38	1
-39	Min.	-15.52	1	-20.76	1	315.00	1	0.00	1	0.00	1	-6.38	1
-38	Max	0.00	1	0.00	1	555.73	28	0.00	1	0.00	1	0.00	1
-38	Min.	0.00	1	0.00	1	358.29	9	0.00	1	0.00	1	0.00	1
-37	Max	15.53	1	44.76	1	625.32	28	0.00	1	0.00	1	6.38	1
-37	Min.	-12.76	1	-20.71	1	314.31	1	0.00	1	0.00	1	-6.38	1
-36	Max	0.00	1	0.00	1	358.88	1	0.00	1	0.00	1	0.00	1
-36	Min.	0.00	1	0.00	1	106.54	1	0.00	1	0.00	1	0.00	1
-35	Max	0.00	1	0.00	1	377.87	33	0.00	1	0.00	1	0.00	1
-35	Min.	0.00	1	0.00	1	106.57	1	0.00	1	0.00	1	0.00	1
-34	Max	12.59	1	46.17	1	680.46	33	0.00	1	0.00	1	6.34	1
-34	Min.	-15.37	1	-22.14	1	314.24	1	0.00	1	0.00	1	-6.34	1
-33	Max	0.00	1	0.00	1	604.72	33	0.00	1	0.00	1	0.00	1
-33	Min.	0.00	1	0.00	1	357.03	9	0.00	1	0.00	1	0.00	1
-32	Max	15.38	1	46.12	1	680.46	33	0.00	1	0.00	1	6.34	1
-32	Min.	-12.60	1	-22.09	1	313.53	1	0.00	1	0.00	1	-6.34	1
-31	Max	0.00	1	0.00	1	377.87	33	0.00	1	0.00	1	0.00	1
-31	Min.	0.00	1	0.00	1	106.18	1	0.00	1	0.00	1	0.00	1
-30	Max	0.00	1	0.00	1	238.26	1	0.00	1	0.00	1	0.00	1
-30	Min.	0.00	1	0.00	1	68.71	1	0.00	1	0.00	1	0.00	1
-29	Max	1.91	1	62.79	1	400.84	28	0.00	1	0.00	1	5.70	1
-29	Min.	-0.26	1	-41.74	1	204.55	1	0.00	1	0.00	1	-9.43	1
-28	Max	0.00	1	0.00	1	356.24	28	0.00	1	0.00	1	0.00	1
-28	Min.	0.00	1	0.00	1	229.11	5	0.00	1	0.00	1	0.00	1
-27	Max	0.27	1	62.76	1	400.85	28	0.00	1	0.00	1	9.45	1
-27	Min.	-1.91	1	-41.71	1	204.09	1	0.00	1	0.00	1	-5.71	1
-26	Max	0.00	1	0.00	1	238.52	1	0.00	1	0.00	1	0.00	1
-26	Min.	0.00	1	0.00	1	68.46	1	0.00	1	0.00	1	0.00	1
-25	Max	0.00	1	0.00	1	239.07	1	0.00	1	0.00	1	0.00	1
-25	Min.	0.00	1	0.00	1	67.92	1	0.00	1	0.00	1	0.00	1
-24	Max	1.85	1	63.68	1	424.94	33	0.00	1	0.00	1	5.66	1
-24	Min.	-0.20	1	-42.62	1	203.04	1	0.00	1	0.00	1	-9.40	1
-23	Max	0.00	1	0.00	1	377.65	33	0.00	1	0.00	1	0.00	1
-23	Min.	0.00	1	0.00	1	223.95	5	0.00	1	0.00	1	0.00	1
-22	Max	0.21	1	63.65	1	424.94	33	0.00	1	0.00	1	9.41	1
-22	Min.	-1.85	1	-42.59	1	202.58	1	0.00	1	0.00	1	-5.67	1
-21	Max	0.00	1	0.00	1	239.32	1	0.00	1	0.00	1	0.00	1
-21	Min.	0.00	1	0.00	1	67.67	1	0.00	1	0.00	1	0.00	1
-20	Max	0.00	1	0.00	1	107.45	1	0.00	1	0.00	1	0.00	1
-20	Min.	0.00	1	0.00	1	30.65	1	0.00	1	0.00	1	0.00	1
-19	Max	38.85	1	23.17	28	218.75	28	0.00	1	0.00	1	3.06	1
-19	Min.	-57.34	1	6.93	1	112.11	1	0.00	1	0.00	1	-0.89	1
-18	Max	67.97	1	0.25	29	230.10	28	0.00	1	0.00	1	2.56	1
-18	Min.	-67.97	1	-0.16	5	147.45	5	0.00	1	0.00	1	-2.56	1
-17	Max	57.38	1	23.17	28	218.76	28	0.00	1	0.00	1	0.89	1
-17	Min.	-38.88	1	6.99	1	111.86	1	0.00	1	0.00	1	-3.06	1
-16	Max	0.00	1	0.00	1	107.57	1	0.00	1	0.00	1	0.00	1
-16	Min.	0.00	1	0.00	1	30.54	1	0.00	1	0.00	1	0.00	1
-15	Max	0.00	1	0.00	1	107.90	1	0.00	1	0.00	1	0.00	1
-15	Min.	0.00	1	0.00	1	30.22	1	0.00	1	0.00	1	0.00	1
-14	Max	38.97	1	26.26	33	229.86	33	0.00	1	0.00	1	3.04	1
-14	Min.	-57.46	1	6.57	1	111.11	1	0.00	1	0.00	1	-0.87	1
-13	Max	67.97	1	0.51	24	241.79	33	0.00	1	0.00	1	2.56	1

Relazione di Calcolo – Ponte Torrente Gogna

-13	Min.	-67.97	1	-0.18	5	143.48	5	0.00	1	0.00	1	-2.56	1
-12	Max	57.50	1	26.26	33	229.86	33	0.00	1	0.00	1	0.87	1
-12	Min.	-39.00	1	6.63	1	110.85	1	0.00	1	0.00	1	-3.03	1
-11	Max	0.00	1	0.00	1	108.01	1	0.00	1	0.00	1	0.00	1
-11	Min.	0.00	1	0.00	1	30.10	1	0.00	1	0.00	1	0.00	1
-10	Max	0.00	1	0.00	1	49.64	1	0.00	1	0.00	1	0.00	1
-10	Min.	0.00	1	0.00	1	14.06	1	0.00	1	0.00	1	0.00	1
-9	Max	0.00	1	0.00	1	49.70	1	0.00	1	0.00	1	0.00	1
-9	Min.	0.00	1	0.00	1	14.01	1	0.00	1	0.00	1	0.00	1
-8	Max	0.00	1	0.00	1	49.87	1	0.00	1	0.00	1	0.00	1
-8	Min.	0.00	1	0.00	1	13.84	1	0.00	1	0.00	1	0.00	1
-7	Max	0.00	1	0.00	1	49.93	1	0.00	1	0.00	1	0.00	1
-7	Min.	0.00	1	0.00	1	13.78	1	0.00	1	0.00	1	0.00	1
-6	Max	0.00	1	0.00	1	120.89	28	0.00	1	0.00	1	0.00	1
-6	Min.	0.00	1	0.00	1	62.36	1	0.00	1	0.00	1	0.00	1
-5	Max	0.00	1	0.00	1	120.89	28	0.00	1	0.00	1	0.00	1
-5	Min.	0.00	1	0.00	1	62.21	1	0.00	1	0.00	1	0.00	1
-4	Max	0.00	1	0.00	1	125.50	33	0.00	1	0.00	1	0.00	1
-4	Min.	0.00	1	0.00	1	61.67	1	0.00	1	0.00	1	0.00	1
-3	Max	0.00	1	0.00	1	125.50	33	0.00	1	0.00	1	0.00	1
-3	Min.	0.00	1	0.00	1	61.52	1	0.00	1	0.00	1	0.00	1
-2	Max	0.00	1	0.00	1	141.81	28	0.00	1	0.00	1	0.00	1
-2	Min.	0.00	1	0.00	1	90.24	5	0.00	1	0.00	1	0.00	1
-1	Max	0.00	1	0.00	1	146.46	33	0.00	1	0.00	1	0.00	1
-1	Min.	0.00	1	0.00	1	87.04	5	0.00	1	0.00	1	0.00	1
3	Max	551.49	1	397.31	5	1097.43	13	173.50	5	187.90	1	82.55	1
3	Min.	-551.48	1	-397.26	5	435.31	5	-239.78	5	-187.84	1	-81.71	1
6	Max	0.00	9	382.02	5	889.30	18	168.41	5	0.00	9	0.00	9
6	Min.	0.00	9	-382.07	5	447.78	5	-234.79	5	0.00	9	-0.00	9
17	Max	551.02	1	395.52	5	1588.62	13	111.41	18	185.66	1	162.58	1
17	Min.	-551.03	1	-395.48	5	481.34	5	15.28	5	-185.72	1	-161.84	1
20	Max	0.00	9	380.27	5	979.69	18	73.05	18	0.00	5	0.00	9
20	Min.	0.00	9	-380.31	5	494.04	5	21.48	5	0.00	5	-0.00	9
23	Max	548.79	1	396.11	5	1339.08	13	148.63	13	177.57	1	61.34	13
23	Min.	-548.79	1	-396.07	5	462.21	5	-29.65	5	-177.57	1	-197.69	19
24	Max	0.00	5	380.86	5	869.17	18	27.22	5	0.00	5	0.00	9
24	Min.	0.00	5	-380.90	5	471.18	5	-27.04	5	0.00	5	-0.00	9

Tensioni sul terreno

Simbologia

Nodo	= Numero del nodo
σ_t	= Tensione sul terreno
CC	= Numero della combinazione delle condizioni di carico elementari

Nodo		σ_t <kN/mq>	CC	Nodo		σ_t <kN/mq>	CC	Nodo		σ_t <kN/mq>	CC	Nodo		σ_t <kN/mq>	CC
-80	Max	300.00	28	-80	Min.	166.71	5	-79	Max	348.52	33	-79	Min.	161.16	5
-78	Max	298.78	28	-78	Min.	136.00	1	-77	Max	298.78	28	-77	Min.	135.69	1
-76	Max	345.76	33	-76	Min.	134.60	1	-75	Max	345.76	33	-75	Min.	134.29	1
-74	Max	297.08	28	-74	Min.	81.97	1	-73	Max	297.08	28	-73	Min.	81.66	1
-72	Max	342.36	33	-72	Min.	80.82	1	-71	Max	342.36	33	-71	Min.	80.51	1
-70	Max	295.62	28	-70	Min.	82.50	1	-69	Max	295.70	28	-69	Min.	136.92	1
-68	Max	295.70	28	-68	Min.	171.13	5	-67	Max	295.70	28	-67	Min.	136.61	1
-66	Max	295.62	28	-66	Min.	82.19	1	-65	Max	339.12	33	-65	Min.	81.42	1
-64	Max	339.28	33	-64	Min.	135.78	1	-63	Max	339.36	33	-63	Min.	166.79	5
-62	Max	339.28	33	-62	Min.	135.47	1	-61	Max	339.12	33	-61	Min.	81.10	1
-60	Max	293.19	28	-60	Min.	83.23	1	-59	Max	293.44	28	-59	Min.	137.72	1
-58	Max	293.27	28	-58	Min.	173.37	5	-57	Max	293.44	28	-57	Min.	137.41	1
-56	Max	293.19	28	-56	Min.	82.92	1	-55	Max	334.18	33	-55	Min.	82.35	1
-54	Max	334.34	33	-54	Min.	136.72	1	-53	Max	334.26	33	-53	Min.	169.79	5
-52	Max	334.34	33	-52	Min.	136.41	1	-51	Max	334.18	33	-51	Min.	82.04	1
-50	Max	286.83	1	-50	Min.	85.53	1	-49	Max	285.75	28	-49	Min.	139.96	1
-48	Max	285.75	28	-48	Min.	179.11	9	-47	Max	285.75	28	-47	Min.	139.65	1
-46	Max	287.14	1	-46	Min.	85.22	1	-45	Max	318.30	33	-45	Min.	85.29	1
-44	Max	318.56	33	-44	Min.	139.72	1	-43	Max	318.39	33	-43	Min.	178.58	9
-42	Max	318.56	33	-42	Min.	139.41	1	-41	Max	318.30	33	-41	Min.	84.97	1
-40	Max	286.78	1	-40	Min.	85.58	1	-39	Max	277.89	28	-39	Min.	140.01	1
-38	Max	277.89	28	-38	Min.	179.19	9	-37	Max	277.89	28	-37	Min.	139.69	1
-36	Max	287.09	1	-36	Min.	85.27	1	-35	Max	302.18	33	-35	Min.	85.24	1
-34	Max	302.44	33	-34	Min.	139.67	1	-33	Max	302.44	33	-33	Min.	178.56	9
-32	Max	302.44	33	-32	Min.	139.36	1	-31	Max	302.18	33	-31	Min.	84.93	1
-30	Max	288.76	1	-30	Min.	83.24	1	-29	Max	269.87	28	-29	Min.	137.73	1
-28	Max	269.78	28	-28	Min.	173.54	5	-27	Max	269.87	28	-27	Min.	137.42	1
-26	Max	289.13	1	-26	Min.	82.99	1	-25	Max	289.78	1	-25	Min.	82.34	1
-24	Max	286.07	33	-24	Min.	136.71	1	-23	Max	285.98	33	-23	Min.	169.62	5
-22	Max	286.07	33	-22	Min.	136.39	1	-21	Max	290.09	1	-21	Min.	82.03	1
-20	Max	289.36	1	-20	Min.	82.52	1	-19	Max	267.27	28	-19	Min.	137.00	1

Relazione di Calcolo – Ponte Torrente Gogna

-18	Max	267.27	28	-18	Min.	171.30	5	-17	Max	267.27	28	-17	Min.	136.69	1
-16	Max	289.67	1	-16	Min.	82.21	1	-15	Max	290.60	1	-15	Min.	81.40	1
-14	Max	280.88	33	-14	Min.	135.76	1	-13	Max	280.88	33	-13	Min.	166.67	5
-12	Max	280.88	33	-12	Min.	135.45	1	-11	Max	290.92	1	-11	Min.	81.08	1
-10	Max	289.82	1	-10	Min.	82.06	1	-9	Max	290.13	1	-9	Min.	81.75	1
-8	Max	291.14	1	-8	Min.	80.74	1	-7	Max	291.45	1	-7	Min.	80.43	1
-6	Max	263.71	28	-6	Min.	136.03	1	-5	Max	263.71	28	-5	Min.	135.72	1
-4	Max	273.75	33	-4	Min.	134.51	1	-3	Max	273.75	33	-3	Min.	134.20	1
-2	Max	262.25	28	-2	Min.	166.90	5	-1	Max	270.84	33	-1	Min.	160.96	5

Sollecitazioni aste

Simbologia

Asta	= Numero dell'asta
N1	= Nodo1
N2	= Nodo2
X	= Coordinata progressiva rispetto al nodo iniziale
N	= Sforzo normale
CC	= Numero della combinazione delle condizioni di carico elementari
Ty	= Taglio in dir. Y
Mz	= Momento flettente intorno all'asse Z
Tz	= Taglio in dir. Z
My	= Momento flettente intorno all'asse Y
Mx	= Momento torcente intorno all'asse X

Asta	N1	N2		X <m>	N <kN>	CC	Ty <kN>	CC	Mz <kNm>	CC	Tz <kN>	CC	My <kNm>	CC	Mx <kNm>	CC
1	1	25	Max	0.00	-11.28	5	1077.86	5	916.07	5	1.69	1	1.44	1	0.00	1
1	1	25	Max	0.85	2.00	5	1077.86	5	0.00	1	1.69	1	0.00	1	0.00	1
1	1	25	Min.	0.00	-17.93	13	-1077.73	5	-916.18	5	-1.69	1	-1.44	1	0.00	1
1	1	25	Min.	0.85	-2.00	5	-1077.73	5	-0.00	1	-1.69	1	-0.00	1	0.00	1
2	2	26	Max	0.00	-11.78	5	1057.02	5	898.58	5	0.00	9	0.00	9	0.00	9
2	2	26	Max	0.85	1.50	5	1057.02	5	0.00	5	0.00	9	0.00	5	0.00	9
2	2	26	Min.	0.00	-17.93	13	-1057.15	5	-898.47	5	-0.00	9	-0.00	9	0.00	9
2	2	26	Min.	0.85	-1.51	5	-1057.15	5	-0.00	5	-0.00	9	0.00	5	0.00	9
3	3	29	Max	0.00	-221.63	5	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1
3	3	29	Max	0.85	-218.23	5	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1
3	3	29	Min.	0.00	-642.88	13	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1
3	3	29	Min.	0.85	-638.29	13	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1
4	4	30	Max	0.00	-570.13	5	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1
4	4	30	Max	0.85	-566.73	5	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1
4	4	30	Min.	0.00	-1149.29	18	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1
4	4	30	Min.	0.85	-1144.70	18	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1
5	5	31	Max	0.00	-583.32	9	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1
5	5	31	Max	0.85	-579.92	9	0.00	1	0.00	1	-0.00	1	0.00	1	0.00	1
5	5	31	Min.	0.00	-1058.15	28	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1
5	5	31	Min.	0.85	-1053.56	28	0.00	1	0.00	1	-0.00	13	0.00	13	0.00	1
6	6	32	Max	0.00	-228.25	5	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1
6	6	32	Max	0.85	-224.85	5	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1
6	6	32	Min.	0.00	-567.96	18	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1
6	6	32	Min.	0.85	-563.37	18	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1
7	7	-249	Max	0.00	-0.41	1	0.00	1	0.00	1	776.50	1	272.04	1	0.00	1
7	7	-249	Max	0.28									-0.67	26		
7	7	-249	Max	0.35	0.00	13	0.00	1	0.00	1	776.50	1	0.00	1	0.00	1
7	7	-249	Min.	0.00	-0.55	13	0.00	1	0.00	1	-777.25	1	-271.77	1	0.00	1
7	7	-249	Min.	0.28									-0.67	26		
7	7	-249	Min.	0.35	0.00	1	0.00	1	0.00	1	-777.25	1	-0.00	1	0.00	1
8	8	34	Max	0.00	-33.36	5	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1
8	8	34	Max	0.85	-29.96	5	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1
8	8	34	Min.	0.00	-579.38	13	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1
8	8	34	Min.	0.85	-574.79	13	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1
9	9	35	Max	0.00	-353.28	9	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1
9	9	35	Max	0.85	-349.88	9	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1
9	9	35	Min.	0.00	-987.79	33	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1
9	9	35	Min.	0.85	-983.20	33	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1
10	10	36	Max	0.00	-354.99	9	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1
10	10	36	Max	0.85	-351.59	9	0.00	1	0.00	1	-0.00	1	0.00	1	0.00	1
10	10	36	Min.	0.00	-746.50	28	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1
10	10	36	Min.	0.85	-741.91	28	0.00	1	0.00	1	-0.00	13	0.00	13	0.00	1
11	11	37	Max	0.00	-40.21	5	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1
11	11	37	Max	0.85	-36.81	5	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1
11	11	37	Min.	0.00	-342.93	5	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1
11	11	37	Min.	0.85	-339.53	5	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1
12	12	38	Max	0.00	-161.19	5	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1
12	12	38	Max	0.85	-157.79	5	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1
12	12	38	Min.	0.00	-827.53	13	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1
12	12	38	Min.	0.85	-822.94	13	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1
13	13	39	Max	0.00	-353.67	9	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1

Relazione di Calcolo – Ponte Torrente Gogna

13	13	39	Max	0.85	-350.27	9	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1
13	13	39	Min.	0.00	-1275.64	33	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1
13	13	39	Min.	0.85	-1271.05	33	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1
14	14	40	Max	0.00	-358.31	9	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1
14	14	40	Max	0.85	-354.91	9	0.00	1	0.00	1	-0.00	1	0.00	1	0.00	1
14	14	40	Min.	0.00	-858.10	28	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1
14	14	40	Min.	0.85	-853.51	28	0.00	1	0.00	1	-0.00	13	0.00	13	0.00	1
15	15	41	Max	0.00	-168.56	5	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1
15	15	41	Max	0.85	-165.16	5	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1
15	15	41	Min.	0.00	-345.51	18	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1
15	15	41	Min.	0.85	-340.92	18	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1
16	16	-250	Max	0.00	-0.41	1	0.00	1	0.00	1	795.10	1	278.02	1	0.00	1
16	16	-250	Max	0.28									-1.22	14		
16	16	-250	Max	0.35	0.00	13	0.00	1	0.00	1	795.10	1	0.00	5	0.00	1
16	16	-250	Min.	0.00	-0.55	13	0.00	1	0.00	1	-794.33	1	-278.28	1	0.00	1
16	16	-250	Min.	0.28									-1.22	14		
16	16	-250	Min.	0.35	0.00	1	0.00	1	0.00	1	-794.33	1	-0.00	5	0.00	1
17	17	43	Max	0.00	-300.85	5	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1
17	17	43	Max	0.85	-297.45	5	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1
17	17	43	Min.	0.00	-1151.99	13	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1
17	17	43	Min.	0.85	-1147.40	13	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1
18	18	44	Max	0.00	-566.03	5	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1
18	18	44	Max	0.85	-562.63	5	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1
18	18	44	Min.	0.00	-1799.08	33	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1
18	18	44	Min.	0.85	-1794.49	33	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1
19	19	45	Max	0.00	-586.62	9	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1
19	19	45	Max	0.85	-583.22	9	0.00	1	0.00	1	-0.00	1	0.00	1	0.00	1
19	19	45	Min.	0.00	-1391.19	28	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1
19	19	45	Min.	0.85	-1386.60	28	0.00	1	0.00	1	-0.00	13	0.00	13	0.00	1
20	20	46	Max	0.00	-304.93	5	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1
20	20	46	Max	0.85	-301.53	5	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1
20	20	46	Min.	0.00	-673.42	18	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1
20	20	46	Min.	0.85	-668.83	18	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1
21	21	47	Max	0.00	-11.35	5	2.19	5	1.86	5	1.68	1	1.43	1	0.00	1
21	21	47	Max	0.85	1.93	5	2.19	5	0.00	5	1.68	1	0.00	1	0.00	1
21	21	47	Min.	0.00	-17.93	13	-2.19	5	-1.86	5	-1.68	1	-1.43	1	0.00	1
21	21	47	Min.	0.85	-1.93	5	-2.19	5	-0.00	5	-1.68	1	-0.00	1	0.00	1
22	22	48	Max	0.00	-11.78	5	2.05	5	1.75	5	0.00	9	0.00	9	0.00	1
22	22	48	Max	0.85	1.50	5	2.05	5	0.00	5	0.00	9	0.00	5	0.00	1
22	22	48	Min.	0.00	-17.93	13	-2.05	5	-1.75	5	-0.00	9	-0.00	9	0.00	1
22	22	48	Min.	0.85	-1.50	5	-2.05	5	-0.00	5	-0.00	9	0.00	5	0.00	1
33	-249	33	Max	0.00	0.19	9	0.40	5	0.00	1	776.22	1	0.00	1	0.00	1
33	-249	33	Max	0.50	2.70	13	0.40	5	0.20	5	776.22	1	388.11	1	0.00	1
33	-249	33	Min.	0.00	-0.19	9	-0.40	5	0.00	18	-776.97	1	0.00	1	0.00	1
33	-249	33	Min.	0.50	1.81	9	-0.40	5	-0.20	5	-776.97	1	-388.49	1	0.00	1
42	-250	42	Max	0.00	0.19	9	0.41	5	0.00	5	794.82	1	0.00	1	0.00	1
42	-250	42	Max	0.50	2.70	13	0.41	5	0.21	5	794.82	1	397.41	1	0.00	1
42	-250	42	Min.	0.00	-0.19	9	-0.41	5	0.00	5	-794.06	1	0.00	1	0.00	1
42	-250	42	Min.	0.50	1.81	9	-0.41	5	-0.21	5	-794.06	1	-397.03	1	0.00	1
201	25	27	Max	0.00	1075.51	5	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1
201	25	27	Max	0.60	1075.51	5	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1
201	25	27	Min.	0.00	-1075.64	5	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1
201	25	27	Min.	0.60	-1075.64	5	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1
202	26	28	Max	0.00	1055.01	5	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1
202	26	28	Max	0.60	1055.01	5	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1
202	26	28	Min.	0.00	-1054.88	5	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1
202	26	28	Min.	0.60	-1054.88	5	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1
203	1	3	Max	0.00	1095.09	5	16.65	1	0.00	1	6.59	5	916.07	5	1.44	1
203	1	3	Max	2.25	1095.09	5	16.65	1	37.45	1	-98.88	5	784.31	5	1.44	1
203	1	3	Min.	0.00	-1094.96	5	-16.65	1	0.00	1	-33.15	5	-916.18	5	-1.44	1
203	1	3	Min.	2.25	-1094.96	5	-16.65	1	-37.45	1	-165.38	13	-1081.49	5	-1.44	1
203	3	7	Max	0.00	698.42	5	536.67	1	114.23	1	320.31	5	611.50	5	186.59	1
203	3	7	Max	0.64					75.99	9			136.63	9		
203	3	7	Max	0.83	698.42	5	536.67	1	339.93	1	281.24	5	505.45	5	186.59	1
203	3	7	Min.	0.00	-698.33	5	-536.68	1	-115.06	1	-108.22	5	-842.40	5	-186.65	1
203	3	7	Min.	0.64					-76.83	9			-250.76	9		
203	3	7	Min.	0.83	-698.33	5	-536.68	1	-340.77	1	-147.29	5	-592.17	5	-186.65	1
203	7	8	Max	0.00	715.36	5	253.87	1	339.93	1	278.67	5	505.45	5	85.47	1
203	7	8	Max	0.04					-322.41	4			124.06	4		
203	7	8	Max	1.67	715.36	5	253.87	1	82.35	1	200.54	5	217.60	14	85.47	1
203	7	8	Min.	0.00	-715.28	5	-253.12	1	-340.77	1	-145.53	5	-592.17	5	-85.26	1
203	7	8	Min.	0.04					321.59	4			-205.91	4		
203	7	8	Min.	1.67	-715.28	5	-253.12	1	-81.96	1	-223.66	5	-197.64	5	-85.26	1
203	8	23	Max	0.00	735.56	5	269.48	1	82.35	1	-136.75	5	217.60	14	85.47	1
203	8	23	Max	1.25	735.56	5	269.48	1	418.86	1	-195.34	5	-156.18	5	85.47	1
203	8	23	Min.	0.00	-735.47	5	-268.73	1	-81.96	1	-454.59	13	-197.64	5	-85.26	1
203	8	23	Min.	1.25	-735.47	5	-268.73	1	-417.53	1	-536.50	13	-490.30	18	-85.26	1
203	23	12	Max	0.00	340.11	5	286.70	1	415.90	1	802.57	13	-182.72	5	93.86	1
203	23	12	Max	1.25	340.11	5	286.70	1	58.92	1	720.66	13	401.20	14	93.86	1

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203	23	12	Min.	0.00	-340.06	5	-285.95	1	-417.20	1	237.23	9	-578.37	13	-93.66	1
203	23	12	Min.	1.25	-340.06	5	-285.95	1	-59.29	1	178.64	9	-82.17	5	-93.66	1
203	12	16	Max	0.00	359.07	5	271.90	1	58.92	1	48.39	5	401.20	14	93.86	1
203	12	16	Max	0.28					11.78	18			67.41	18		
203	12	16	Max	1.50	359.07	5	271.90	1	348.60	1	-21.92	5	155.87	14	93.86	1
203	12	16	Min.	0.00	-359.03	5	-271.16	1	-59.29	1	-131.28	14	-82.17	5	-93.66	1
203	12	16	Min.	0.03					11.81	11			-23.27	11		
203	12	16	Min.	1.50	-359.03	5	-271.16	1	-347.84	1	-205.17	13	-67.46	5	-93.66	1
203	16	17	Max	0.00	375.99	5	536.15	1	348.60	1	-18.38	5	155.87	14	184.41	1
203	16	17	Max	1.00	375.99	5	536.15	1	194.88	1	-65.25	5	-57.97	19	184.41	1
203	16	17	Min.	0.00	-375.95	5	-536.16	1	-347.84	1	-205.72	13	-67.46	5	-184.47	1
203	16	17	Min.	1.00	-375.95	5	-536.16	1	-194.15	1	-271.26	13	-154.26	28	-184.47	1
203	17	21	Max	0.00	21.38	5	16.55	1	37.23	1	165.38	13	-105.13	5	1.43	1
203	17	21	Max	2.25	21.38	5	16.55	1	0.00	1	32.47	5	1.86	5	1.43	1
203	17	21	Min.	0.00	-21.38	5	-16.55	1	-37.23	1	99.56	5	-206.22	13	-1.43	1
203	17	21	Min.	2.25	-21.38	5	-16.55	1	-0.00	1	-5.90	5	-1.86	5	-1.43	1
204	2	6	Max	0.00	1073.67	5	0.00	9	0.00	5	1.68	5	898.58	5	0.00	9
204	2	6	Max	2.25	1073.67	5	0.00	9	0.00	9	-103.79	5	765.32	5	0.00	9
204	2	6	Min.	0.00	-1073.80	5	-0.00	9	0.00	5	-28.24	5	-898.47	5	-0.00	9
204	2	6	Min.	2.25	-1073.80	5	-0.00	9	-0.00	9	-165.38	13	-1062.28	5	-0.00	9
204	6	11	Max	0.00	692.08	5	0.00	9	0.00	9	313.56	5	597.19	5	0.00	9
204	6	11	Max	0.70					0.00	9			132.61	9		
204	6	11	Max	2.50	692.08	5	0.00	9	0.00	9	196.37	5	196.76	5	0.00	9
204	6	11	Min.	0.00	-692.16	5	-0.00	9	-0.00	9	-102.37	5	-827.76	5	-0.00	9
204	6	11	Min.	0.70					-0.00	9			-237.76	9		
204	6	11	Min.	2.50	-692.16	5	-0.00	9	-0.00	9	-219.56	5	-192.33	5	-0.00	9
204	11	24	Max	0.00	717.04	5	0.00	9	0.00	9	-140.88	5	196.76	5	0.00	9
204	11	24	Max	1.25	717.04	5	0.00	9	0.00	9	-199.47	5	-162.37	5	0.00	9
204	11	24	Min.	0.00	-717.13	5	-0.00	9	-0.00	9	-336.90	18	-192.32	5	-0.00	9
204	11	24	Min.	1.25	-717.13	5	-0.00	9	-0.00	9	-418.82	18	-471.32	18	-0.00	9
204	24	15	Max	0.00	336.63	5	0.00	9	0.00	9	450.35	18	-188.06	5	0.00	9
204	24	15	Max	1.25	336.63	5	0.00	9	0.00	9	368.44	18	83.71	5	0.00	9
204	24	15	Min.	0.00	-336.67	5	-0.00	9	-0.00	9	244.82	5	-497.45	18	-0.00	9
204	24	15	Min.	1.25	-336.67	5	-0.00	9	-0.00	9	186.23	5	-76.69	5	-0.00	9
204	15	20	Max	0.00	361.54	5	0.00	9	0.00	9	47.60	5	83.71	5	0.00	9
204	15	20	Max	0.05									25.76	2		
204	15	20	Max	2.50	361.54	5	0.00	9	0.00	9	-69.59	5	-91.16	9	0.00	9
204	15	20	Min.	0.00	-361.58	5	-0.00	9	-0.00	9	-25.57	5	-76.69	5	-0.00	9
204	15	20	Min.	0.46									-17.82	28		
204	15	20	Min.	2.50	-361.58	5	-0.00	9	-0.00	9	-142.76	5	-154.25	28	-0.00	9
204	20	22	Max	0.00	20.17	5	0.00	9	0.00	9	165.38	13	-114.89	5	0.00	9
204	20	22	Max	2.25	20.17	5	0.00	9	0.00	5	28.16	5	1.75	5	0.00	9
204	20	22	Min.	0.00	-20.17	5	-0.00	9	-0.00	9	103.87	5	-206.22	13	-0.00	9
204	20	22	Min.	2.25	-20.17	5	-0.00	9	0.00	5	-1.60	5	-1.75	5	-0.00	9

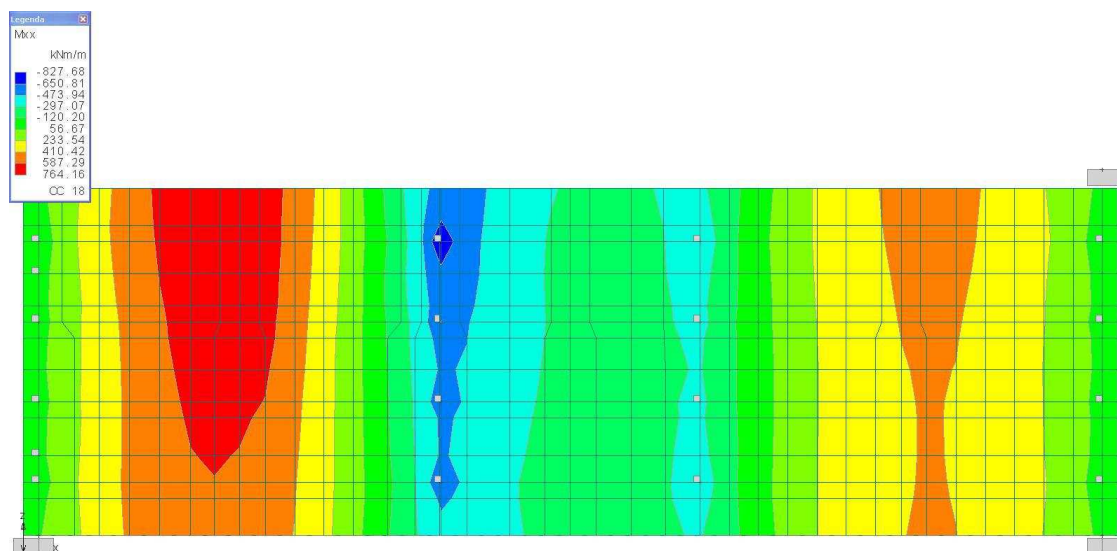


Figura numero 3: Sollecitazioni elem

Sollecitazioni elem. bidimensionali

Relazione di Calcolo – Ponte Torrente Gogna

Simbologia

Bid.	=	Numero del muro/elemento bidimensionale
Nodo	=	Numero del nodo
σ_{xx}	=	Tensione normale sulle facce perp. all'asse X
CC	=	Numero della combinazione delle condizioni di carico elementari
σ_{zz}	=	Tensione normale sulle facce perp. all'asse Z
τ_{xz}	=	Tensione in dir. Z sulle facce perp. all'asse X
Mxx	=	Momento che provoca variazione di tensione sulle facce perp. all'asse X
Mzz	=	Momento che provoca variazione di tensione sulle facce perp. all'asse Z
Mxz	=	Momento che provoca variazione di tensione tangenziale sulle facce perp. all'asse X
τ_{zy}	=	Tensione in dir. Y sulle facce perp. all'asse Z
τ_{xy}	=	Tensione in dir. Y sulle facce perp. all'asse X

Bid.		Nodo	σ_{xx} <kN/mq>	CC	σ_{zz} <kN/mq>	CC	τ_{xz} <kN/mq>	CC	Mxx <kNm/m>	CC	Mzz <kNm/m>	CC	Mxz <kNm/m>	CC	τ_{zy} <kN/mq>	CC	τ_{xy} <kN/mq>	CC
1	Max	-251	595.60	5	682.12	5	1263.81	5	25.12	18	20.89	18	6.81	1	108.08	13	-85.52	1
1	Max	27	873.89	5	3403.16	5	207.17	5	40.35	18	24.45	18	-2.63	1	108.08	13	-85.35	1
1	Max	-290	605.20	5	3255.27	5	108.75	5	21.70	1	-29.63	5	28.66	1	109.34	1	-85.35	1
1	Max	-289	883.54	5	538.18	5	957.00	5	15.20	1	-28.05	5	38.19	1	109.34	1	-85.52	1
1	Min.	-251	-595.67	5	-682.11	5	-1263.70	5	-2.62	1	-6.35	5	-21.88	18	3.44	1	-232.55	18
1	Min.	27	-874.01	5	-3403.65	5	-207.13	5	6.37	1	2.35	5	-31.27	18	3.44	1	-232.36	18
1	Min.	-290	-605.09	5	-3255.73	5	-108.76	5	-24.02	1	-82.31	13	-33.77	1	-0.53	1	-232.36	18
1	Min.	-289	-883.38	5	-538.14	5	-956.93	5	-33.23	1	-91.33	13	-34.37	1	-0.53	1	-232.55	18
1	Max	-290	1188.01	5	811.94	5	173.78	5	-13.43	5	13.87	1	36.87	1	641.76	13	43.63	1
1	Max	29	1297.10	5	416.02	1	228.66	5	-65.86	5	1.45	1	63.37	1	641.76	13	49.58	1
1	Max	-329	3377.80	5	472.76	5	771.44	5	-52.99	5	16.58	1	58.00	1	638.26	13	49.58	1
1	Max	-289	3292.49	5	618.46	5	427.92	5	3.85	1	27.82	1	31.47	1	638.26	13	43.63	1
1	Min.	-290	-1188.37	5	-811.82	5	-173.77	5	-77.98	13	-40.59	1	-28.35	1	268.59	5	-198.72	1
1	Min.	29	-1297.50	5	-416.40	1	-228.77	5	-199.47	13	-59.38	1	-59.09	1	268.59	5	-204.96	1
1	Min.	-329	-3377.98	5	-473.11	5	-771.41	5	-203.10	13	-38.75	1	-69.52	1	270.20	5	-204.96	1
1	Min.	-289	-3292.61	5	-618.32	5	-427.78	5	-82.36	13	-18.83	1	-38.75	1	270.20	5	-198.72	1
1	Max	32	224.85	5	1399.80	5	439.76	5	-15.73	5	-57.24	5	11.20	5	140.37	18	429.55	18
1	Max	-364	287.72	5	2029.93	5	141.31	5	-4.64	5	-54.29	5	17.42	5	140.37	18	428.99	18
1	Max	-403	27.83	5	2003.86	5	30.59	5	19.92	18	-11.32	5	20.19	5	135.75	18	428.99	18
1	Max	-402	36.58	5	1373.73	5	267.95	5	-0.87	5	-8.49	5	13.98	5	135.75	18	429.55	18
1	Min.	32	-224.82	5	-1399.63	5	-439.81	5	-47.62	18	-162.76	18	-22.42	5	61.78	5	116.61	5
1	Min.	-364	-287.68	5	-2029.67	5	-141.33	5	-17.22	18	-161.59	18	-13.69	5	61.78	5	116.06	5
1	Min.	-403	-27.83	5	-2003.61	5	-30.59	5	10.22	9	-35.58	28	-22.46	5	62.32	5	116.06	5
1	Min.	-402	-36.59	5	-1373.56	5	-267.99	5	-11.98	5	-34.72	33	-31.20	5	62.32	5	116.61	5
1	Max	-539	33.63	1	184.33	1	89.62	5	42.14	29	114.94	29	82.78	18	91.12	28	312.68	28
1	Max	-577	34.64	5	231.13	5	108.13	5	55.34	29	138.30	29	84.03	18	83.95	28	313.11	28
1	Max	-576	72.02	5	222.88	5	114.80	5	9.81	29	-0.01	29	106.00	18	71.52	28	306.16	28
1	Max	-538	58.96	5	184.49	1	84.53	5	3.82	29	-3.77	29	101.17	18	76.38	28	304.44	28
1	Min.	-539	-33.66	1	-184.27	1	-89.60	5	-81.30	18	-264.48	18	-14.19	29	2.37	5	20.25	5
1	Min.	-577	-34.67	5	-231.05	5	-108.13	5	-88.95	18	-253.73	18	-24.70	29	-1.09	24	20.21	5
1	Min.	-576	-72.03	5	-222.80	5	-114.79	5	-85.06	18	-323.95	18	29.32	9	-15.54	24	20.78	9
1	Min.	-538	-58.98	5	-184.43	1	-84.51	5	-78.15	18	-323.74	18	27.32	9	-8.17	24	20.83	9
1	Max	34	741.67	5	71.15	1	94.40	5	43.66	5	17.74	1	35.59	19	-15.16	5	25.04	1
1	Max	-481	743.47	5	23.88	5	108.22	5	50.34	5	15.10	1	43.21	19	-15.16	5	24.75	1
1	Max	-480	896.38	5	28.99	5	44.76	1	62.77	5	35.63	13	49.50	18	-15.34	5	24.75	1
1	Max	-444	894.59	5	92.69	1	82.99	1	55.96	5	21.41	1	41.66	19	-15.34	5	25.04	1
1	Min.	34	-741.79	5	-71.09	1	-94.39	5	-117.32	5	-65.72	13	-37.04	1	-305.30	13	-299.66	13
1	Min.	-481	-743.59	5	-23.90	5	-108.17	5	-33.61	5	-18.97	14	-8.03	13	-305.30	13	-288.06	13
1	Min.	-480	-896.37	5	-28.99	5	-44.81	1	-38.92	5	2.58	1	-2.68	1	-304.50	13	-288.06	13
1	Min.	-444	-894.57	5	-92.61	1	-83.08	1	-122.45	5	-28.32	1	-39.57	1	-304.50	13	-299.66	13
1	Max	38	335.19	5	52.85	1	73.72	1	-19.82	1	19.25	1	40.17	1	-137.32	5	17.37	1
1	Max	-597	348.38	5	368.35	1	110.63	1	79.30	14	32.60	1	73.62	1	-137.32	5	23.26	1
1	Max	-596	590.76	1	300.22	1	64.90	1	128.74	14	49.06	13	83.51	1	-135.03	5	23.26	1
1	Max	-560	632.42	1	121.20	1	102.73	1	16.94	1	30.89	1	57.12	18	-135.03	5	17.37	1
1	Min.	38	-334.96	5	-52.89	1	-73.81	1	-121.99	13	-126.04	13	-37.93	1	-1002.90	13	-815.00	13
1	Min.	-597	-348.11	5	-368.00	1	-110.56	1	-31.55	1	-80.37	14	-57.14	1	-1002.90	13	-814.13	13
1	Min.	-596	-591.10	1	-299.93	1	-64.83	1	-49.55	1	-24.39	1	-54.60	1	-1001.07	13	-814.13	13
1	Min.	-560	-632.80	1	-121.30	1	-102.82	1	-84.98	1	-29.95	1	-35.36	1	-1001.07	13	-815.00	13
1	Max	-675	859.00	1	431.89	1	312.75	1	-34.76	1	15.42	1	38.73	1	66.76	1	486.64	13
1	Max	-636	770.91	1	451.08	1	200.84	1	57.60	1	105.60	1	35.02	18	66.76	1	465.87	13
1	Max	42	132.40	1	516.57	1	419.52	1	28.11	14	92.32	1	56.24	18	65.16	1	465.87	13
1	Max	43	220.39	1	367.30	1	531.32	1	-68.44	1	2.82	1	98.06	1	65.16	1	486.64	13
1	Min.	-675	-858.14	1	-431.47	1	-313.05	1	-267.48	18	-39.29	1	-40.42	1	-686.97	18	-96.40	1
1	Min.	-636	-770.13	1	-451.51	1	-201.03	1	-80.15	1	-81.91	1	-27.03	1	-686.97	18	-77.46	1
1	Min.	42	-132.27	1	-517.07	1	-419.94	1	-45.68	1	-98.69	1	-18.17	1	-687.07	18	-77.46	1
1	Min.	43	-220.17	1	-366.95	1	-531.85	1	-264.65	18	-139.76	13	-86.03	1	-687.07	18	-96.40	1
1	Max	-675	313.95	1	346.53	1	15.58	1	22.47	1	-53.67	1	62.17	1	89.54	1	999.54	18
1	Max	43	372.18	1	257.73	1	60.81	1	7.74	1	-85.91	1	64.19	1	89.54	1	1006.18	18
1	Max	-712	51.68	1	215.92	1	83.52	1	17.10	1	-19.49	1	34.31	1	83.19	1	1006.18	18
1	Max	-711	109.38	1	388.81	1	125.22	1	30.81	1	13.63	1	32.21	1	83.19	1	999.54	18
1	Min.	-675	-313.65	1	-346.84	1	-15.56	1	-49.06	1	-305.66	18	-76.32	1	-606.47	13	319.35	1
1	Min.	43	-371.82	1	-257.48	1	-60.75	1	-148.29	13	-291.36	18	-60.23	1	-606.47	13	315.62	1
1	Min.	-712	-51.72	1	-215.71	1	-83.59	1	-87.94	13	-100.60	18	-24.22	1	-608.68	13	315.62	1
1	Min.	-711	-109.48	1	-389.15	1	-125.34	1	-21.94	1	-116.32	18	-41.29	13	-608.68	13	319.35	1
1	Max	-711	81.57	1	110.65	1	42.03	1	16.61	1	-32.46	1	34.57	1	187.33	13	313.80	13
1	Max	-712	67.43	1	41.51	1	25.68	1	24.54	1	-37.64	9	31.73	1	187.33	13	313.64	13
1	Max	-752	25.85	1	50.51	1	6.61	1	37.67	13	24.46	13	27.51	13	187.07	13	313.64	13
1																		

Relazione di Calcolo – Ponte Torrente Gogna

1 Max	-334	49.11	5	497.57	5	16.34	5	4.14	5	576.89	18	17.72	18	35.79	28	20.46	5
1 Max	-295	59.20	5	591.58	5	19.14	5	5.80	5	569.73	18	16.20	5	35.79	28	20.53	5
1 Min.	-296	-31.36	5	-588.83	5	-57.81	5	-16.38	18	191.04	1	-14.93	14	-65.72	19	-4.34	5
1 Min.	-335	-21.27	5	-494.82	5	-54.98	5	-12.73	18	187.72	1	-15.36	14	-65.72	19	-4.08	5
1 Min.	-334	-49.10	5	-497.87	5	-16.34	5	-10.32	18	180.69	1	-15.00	14	-65.90	19	-4.08	5
1 Min.	-295	-59.18	5	-591.89	5	-19.15	5	-14.05	18	184.23	1	-14.57	14	-65.90	19	-4.34	5
1 Max	29	1464.49	5	413.09	1	603.76	1	-46.87	5	-2.82	1	83.92	1	86.45	1	118.64	1
1 Max	33	1416.61	5	507.41	1	409.45	1	17.61	1	81.02	1	33.12	19	86.45	1	102.40	1
1 Max	-365	2287.64	5	432.70	1	276.46	1	56.85	1	95.11	1	39.41	19	89.13	1	102.40	1
1 Max	-329	2335.59	5	506.05	1	467.89	1	-17.68	1	9.59	1	37.55	1	89.13	1	118.64	1
1 Min.	29	-1464.86	5	-413.46	1	-604.21	1	-187.47	13	-55.17	13	-94.82	1	-585.65	1	-273.61	1
1 Min.	33	-1416.89	5	-506.93	1	-409.77	1	-55.82	1	-93.34	1	-37.46	5	-585.65	1	-250.98	1
1 Min.	-365	-2288.72	5	-432.30	1	-276.73	1	-95.30	1	-73.85	1	-40.72	1	-587.85	1	-250.98	1
1 Min.	-329	-2336.75	5	-506.51	1	-468.29	1	-185.88	13	-30.84	1	-34.00	1	-587.85	1	-273.61	1
1 Max	-652	5.13	5	541.16	5	53.23	5	39.45	24	-141.15	1	35.23	28	713.60	18	1000.22	23
1 Max	-690	23.87	5	728.54	5	46.57	5	-86.32	5	-164.66	1	3.84	5	713.60	18	1017.69	23
1 Max	44	25.47	5	728.68	5	51.97	5	-100.70	5	-236.54	1	-5.90	5	716.88	18	1017.69	23
1 Max	-651	6.64	5	541.30	5	58.63	5	2.57	24	-212.07	1	18.84	28	716.88	18	1000.22	23
1 Min.	-652	-5.13	5	-541.00	5	-53.20	5	-4.06	18	-491.52	18	6.93	19	227.89	5	280.00	5
1 Min.	-690	-23.86	5	-728.32	5	-46.55	5	-266.39	18	-565.04	18	-16.27	19	227.89	5	284.57	5
1 Min.	44	-25.47	5	-728.46	5	-51.94	5	-304.93	18	-750.74	18	-42.05	18	228.99	5	284.57	5
1 Min.	-651	-6.64	5	-541.14	5	-58.60	5	-41.19	18	-673.90	18	-13.83	19	228.99	5	280.00	5
1 Max	34	49.62	5	745.62	5	213.38	5	54.89	1	46.60	5	26.14	1	401.75	13	182.82	13
1 Max	-445	47.46	1	507.28	5	263.08	5	199.00	18	27.71	5	21.26	1	401.75	13	179.30	13
1 Max	-482	38.84	1	507.00	5	237.03	5	206.04	18	53.10	14	16.94	13	401.12	13	179.30	13
1 Max	-481	46.90	5	745.87	5	187.33	5	51.98	1	52.26	5	13.73	13	401.12	13	182.82	13
1 Min.	34	-49.64	5	-745.75	5	-213.45	5	-50.23	1	-104.44	5	-40.09	19	47.76	5	8.95	5
1 Min.	-445	-47.48	1	-507.39	5	-263.13	5	36.26	1	-72.99	5	-39.05	19	47.76	5	8.20	5
1 Min.	-482	-38.86	1	-507.12	5	-237.09	5	44.96	1	-18.77	5	-37.86	19	48.17	5	8.20	5
1 Min.	-481	-46.92	5	-745.99	5	-187.41	5	-38.84	1	-48.32	5	-38.89	19	48.17	5	8.95	5
1 Max	-566	11.68	1	333.02	1	256.75	5	92.73	19	739.76	18	5.75	19	10.51	1	256.74	19
1 Max	-603	11.86	1	349.45	1	241.60	5	120.87	19	750.56	18	4.72	5	10.51	1	256.82	19
1 Max	-602	33.51	5	349.76	1	253.19	5	94.41	19	662.51	18	10.52	18	9.18	1	256.82	19
1 Max	-565	30.59	5	333.34	1	266.91	5	67.05	19	651.74	18	18.88	18	9.18	1	256.74	19
1 Min.	-566	-11.70	1	-332.90	1	-256.69	5	-14.97	28	187.86	1	-13.64	13	-169.93	18	-21.29	13
1 Min.	-603	-11.88	1	-349.27	1	-241.54	5	-13.51	28	185.85	1	-12.14	13	-169.93	18	-21.51	13
1 Min.	-602	-33.55	5	-349.59	1	-253.14	5	-12.94	28	179.85	1	-5.93	14	-166.06	18	-21.51	13
1 Min.	-565	-30.64	5	-333.22	1	-266.86	5	-14.27	28	181.95	1	-7.45	14	-166.06	18	-21.29	13
1 Max	-642	11.62	5	361.30	1	197.49	5	66.86	19	751.15	18	2.99	5	-0.96	1	199.23	18
1 Max	-681	17.96	5	402.61	5	179.59	5	83.51	19	765.13	18	1.77	5	-0.96	1	198.83	18
1 Max	-680	37.13	5	403.83	5	184.46	5	69.41	19	690.85	18	3.94	5	-1.05	1	198.83	18
1 Max	-641	30.78	5	360.61	1	202.35	5	53.29	19	676.71	18	4.67	5	-1.05	1	199.23	18
1 Min.	-642	-11.64	5	-361.05	1	-197.47	5	-11.44	28	190.37	1	-11.50	13	-76.74	18	-18.52	1
1 Min.	-681	-17.97	5	-402.31	5	-179.58	5	-2.97	28	188.99	1	-15.53	18	-76.74	18	-19.03	1
1 Min.	-680	-37.16	5	-403.53	5	-184.46	5	-3.50	28	181.79	1	-6.64	5	-75.45	18	-19.03	1
1 Min.	-641	-30.82	5	-360.36	1	-202.35	5	-11.88	28	183.28	1	-5.62	5	-75.45	18	-18.52	1
1 Max	-681	10.18	5	401.99	5	163.84	5	83.03	19	765.87	18	2.04	5	145.89	19	218.80	18
1 Max	-718	13.60	5	430.46	5	116.48	5	50.23	19	765.08	18	1.00	5	145.89	19	218.14	18
1 Max	-717	29.86	5	431.86	5	118.53	5	30.03	19	688.64	18	3.97	5	146.49	19	218.14	18
1 Max	-680	26.44	5	403.39	5	165.89	5	62.96	19	689.16	18	3.96	5	146.49	19	218.80	18
1 Min.	-681	-10.19	5	-401.68	5	-163.84	5	-4.89	28	188.86	1	-12.33	18	-32.72	28	-11.56	29
1 Min.	-718	-13.61	5	-430.13	5	-116.49	5	0.17	1	191.70	1	-18.65	18	-32.72	28	-11.60	29
1 Min.	-717	-29.88	5	-431.53	5	-118.54	5	-0.33	5	184.74	1	-14.80	18	-32.09	28	-11.60	29
1 Min.	-680	-26.45	5	-403.08	5	-165.89	5	-5.90	28	181.83	1	-8.49	18	-32.09	28	-11.56	29
1 Max	-718	0.78	5	429.48	5	71.09	5	33.95	19	750.16	18	1.38	5	37.87	19	115.20	18
1 Max	-758	7.36	5	508.78	5	59.29	5	11.42	18	756.03	18	0.68	5	37.87	19	113.72	18
1 Max	-757	19.75	5	509.60	5	61.20	5	9.30	13	708.11	18	3.45	5	38.12	19	113.72	18
1 Max	-717	11.70	5	430.30	5	73.00	5	31.37	19	701.64	18	3.57	5	38.12	19	115.20	18
1 Min.	-718	-0.79	5	-429.14	5	-71.09	5	-3.71	28	191.53	1	-19.74	18	-24.71	13	-23.78	1
1 Min.	-758	-7.36	5	-508.36	5	-59.29	5	1.48	5	192.19	1	-17.45	18	-24.71	13	-24.22	1
1 Min.	-757	-19.76	5	-509.18	5	-61.20	5	0.09	1	185.10	1	-11.39	18	-24.38	13	-24.22	1
1 Min.	-717	-11.71	5	-429.96	5	-73.01	5	-3.63	28	184.45	1	-13.68	18	-24.38	13	-23.78	1
1 Max	-718	492.32	5	5.72	5	66.18	5	752.04	18	38.47	19	16.06	18	-11.06	1	24.91	13
1 Max	-719	491.43	5	3.35	5	63.22	5	738.49	18	39.89	19	17.70	18	-11.06	1	25.13	13
1 Max	-759	601.23	5	9.02	5	56.39	5	738.71	18	9.11	13	22.81	18	-11.60	1	25.13	13
1 Max	-758	602.12	5	16.72	5	59.36	5	753.02	18	8.77	13	21.16	18	-11.60	1	24.91	13
1 Min.	-718	-491.99	5	-5.72	5	-66.19	5	189.89	1	-3.64	28	-1.29	5	-57.82	13	-65.44	19
1 Min.	-719	-491.10	5	-3.37	5	-63.22	5	186.66	1	-3.68	28	0.49	5	-57.82	13	-65.21	19
1 Min.	-759	-600.81	5	-9.02	5	-56.39	5	190.29	1	1.40	5	1.20	5	-60.22	13	-65.21	19
1 Min.	-758	-601.70	5	-16.72	5	-59.35	5	193.73	1	1.41	5	-0.84	5	-60.22	13	-65.44	19
1 Max	-681	451.64	5	15.78	5	159.85	5	763.42	18	87.45	19	15.12	18	2.38	1	33.74	28
1 Max	-682	451.43	5	10.02	5	153.30	5	732.78	18	85.36	19	17.00	18	2.38	1	34.52	28
1 Max	-719	493.09	5	14.24	5	105.03	5	730.63	18	43.66	19	17.82	18	2.65	1	34.52	28
1 Max	-718	493.30	5	20.00	5	111.58	5	761.41	18	45.25	19	15.94	18	2.65	1	33.74	28
1 Min.	-681	-451.35	5	-15.80	5	-159.85	5	191.48	1	-4.84	28	-1.45	5	-114.97	18	-192.62	19
1 Min.	-682	-451.14	5	-10.02	5	-153.31	5	188.34	1	-5.97	28	-0.76	5	-114.97	18	-190.29	19
1 Min.	-719	-492.76	5	-14.24	5	-105.04	5	186.92	1	0.17	30	0.16	5	-115.49	18	-190.29	19
1 Min.	-718	-492.97	5	-20.01	5	-111.59	5	190.00	1	0.07	1	-1.57	5	-115.49	18	-192.62	19
1 Max	-642	376.82	5	15.51	5	188.63	5	752.41	18	64.64	19	11.07	13	-6.91	1	75.94	18
1 Max	-643	376.03	5	6.50	1	184.81	5	725.34	18	64.47	19	14.47	13	-6.91	1	76.13	18
1 Max	-682	451.48	5	13.3													

Relazione di Calcolo – Ponte Torrente Gogna

1	Max	-487	292.90	1	29.56	5	225.13	5	681.38	18	56.19	19	15.73	13	-8.10	1	114.84	19
1	Min.	-450	-294.54	1	-40.18	5	-219.15	5	185.76	1	-11.87	28	-11.66	18	-78.36	18	-8.58	28
1	Min.	-451	-294.38	1	-44.52	5	-201.38	5	183.03	1	-12.43	28	-9.73	5	-78.36	18	-8.67	28
1	Min.	-488	-292.55	1	-33.88	5	-209.15	5	183.73	1	-15.11	28	-6.88	5	-78.24	18	-8.67	28
1	Min.	-487	-292.92	1	-29.54	5	-225.19	5	186.53	1	-14.50	28	-10.43	19	-78.24	18	-8.58	28
1	Max	-335	55.29	5	498.00	5	44.49	5	7.14	5	581.95	18	14.93	5	30.83	28	32.85	1
1	Max	-371	37.05	5	355.65	1	85.39	5	6.15	14	595.23	18	13.67	5	30.83	28	32.34	1
1	Max	-370	50.36	5	355.01	1	114.33	5	5.87	5	588.29	18	21.28	19	30.56	28	32.34	1
1	Max	-334	68.61	5	498.76	5	73.42	5	6.86	5	575.04	18	17.88	18	30.56	28	32.85	1
1	Min.	-335	-55.28	5	-498.30	5	-44.48	5	-22.72	18	187.89	1	-15.19	14	-89.27	19	-15.11	1
1	Min.	-371	-37.03	5	-355.90	1	-85.38	5	-9.52	23	190.11	1	-17.21	14	-89.27	19	-14.18	1
1	Min.	-370	-50.33	5	-355.27	1	-114.33	5	-10.80	23	182.83	1	-17.58	13	-89.20	19	-14.18	1
1	Min.	-334	-68.57	5	-499.06	5	-73.42	5	-20.43	18	180.63	1	-15.18	14	-89.20	19	-15.11	1
1	Max	-296	629.76	5	35.56	5	33.50	5	578.42	18	7.07	5	14.46	14	5.63	1	68.98	19
1	Max	-297	631.01	5	41.94	5	17.01	5	557.74	18	6.38	5	14.16	14	5.63	1	69.29	19
1	Max	-336	521.35	5	30.97	5	57.76	5	564.94	18	4.58	5	15.54	14	5.47	1	69.29	19
1	Max	-335	520.10	5	24.75	5	74.61	5	585.63	18	5.18	5	15.84	14	5.47	1	68.98	19
1	Min.	-296	-630.08	5	-35.54	5	-33.50	5	189.58	1	-16.36	18	-15.38	5	-57.42	18	-38.48	28
1	Min.	-297	-631.33	5	-41.94	5	-17.02	5	186.84	1	-17.39	18	-15.79	5	-57.42	18	-39.62	28
1	Min.	-336	-521.64	5	-30.97	5	-57.76	5	187.67	1	-13.08	18	-15.40	5	-57.42	18	-39.62	28
1	Min.	-335	-520.39	5	-24.73	5	-74.60	5	190.36	1	-12.05	18	-14.29	5	-57.42	18	-38.48	28
1	Max	-257	857.01	5	38.55	5	17.50	5	568.87	18	5.27	28	12.94	14	-5.97	1	36.54	19
1	Max	-258	854.75	5	17.96	5	26.44	5	547.71	18	5.61	28	11.91	14	-5.97	1	36.52	19
1	Max	-297	626.14	5	6.83	5	8.98	5	558.78	18	2.09	5	13.79	14	-5.90	1	36.52	19
1	Max	-296	628.39	5	15.69	5	0.88	1	579.84	18	1.69	5	14.82	14	-5.90	1	36.54	19
1	Min.	-257	-857.40	5	-38.56	5	-17.49	5	192.83	1	-7.83	19	-17.02	5	-57.56	18	-26.92	28
1	Min.	-258	-855.15	5	-17.95	5	-26.44	5	189.53	1	-8.48	19	-17.84	5	-57.56	18	-27.11	28
1	Min.	-297	-626.46	5	-6.82	5	-8.98	5	186.51	1	-4.89	18	-15.66	5	-57.26	18	-27.11	28
1	Min.	-296	-628.71	5	-15.68	5	-0.88	1	189.51	1	-4.26	18	-14.82	5	-57.26	18	-26.92	28
1	Max	-259	895.60	5	28.32	5	21.87	5	495.63	18	5.34	28	9.29	14	-66.44	1	30.34	19
1	Max	-260	894.46	5	17.31	5	24.91	5	409.40	18	4.47	28	13.68	19	-66.44	1	30.62	19
1	Max	-299	684.57	5	4.03	5	19.37	5	418.83	18	0.70	14	23.20	19	-66.15	1	30.62	19
1	Max	-298	685.70	5	7.34	5	16.33	5	505.23	18	0.99	14	15.18	19	-66.15	1	30.34	19
1	Min.	-259	-895.98	5	-28.33	5	-21.87	5	176.52	1	-7.95	19	-19.67	5	-199.05	18	-26.90	28
1	Min.	-260	-894.85	5	-17.31	5	-24.91	5	145.72	9	-6.87	19	-20.25	5	-199.05	18	-27.37	28
1	Min.	-299	-684.87	5	-4.02	5	-19.38	5	144.20	9	-5.62	23	-16.39	5	-199.49	18	-27.37	28
1	Min.	-298	-686.01	5	-7.33	5	-16.34	5	174.24	1	-5.96	18	-15.80	5	-199.49	18	-26.90	28
1	Max	-305	23.32	5	827.40	5	23.17	5	6.99	19	-207.76	1	30.40	28	1975.70	18	-633.28	5
1	Max	30	13.38	5	727.98	5	39.46	5	-153.83	5	-288.68	1	34.38	28	1975.70	18	-903.53	5
1	Max	-343	10.41	5	727.66	5	47.32	5	-151.87	5	-268.64	1	23.78	28	1968.69	18	-903.53	5
1	Max	-304	20.37	5	827.08	5	31.03	5	8.64	19	-193.91	1	19.79	28	1968.69	18	-633.28	5
1	Min.	-305	-23.32	5	-827.65	5	-23.15	5	-11.35	23	-508.20	18	-19.44	19	951.24	5	-1218.88	18
1	Min.	30	-13.38	5	-728.20	5	-39.43	5	-309.37	33	-675.91	18	-22.02	19	951.24	5	-1932.62	18
1	Min.	-343	-10.40	5	-727.88	5	-47.30	5	-305.70	33	-634.14	18	-31.01	19	948.56	5	-1932.62	18
1	Min.	-304	-20.37	5	-827.33	5	-31.01	5	-9.49	5	-481.78	18	-28.43	19	948.56	5	-1218.88	18
1	Max	-336	567.12	5	51.94	5	69.44	5	564.07	18	6.80	5	15.07	14	-32.59	1	105.10	19
1	Max	-337	566.68	5	45.26	5	59.84	5	514.97	18	5.41	5	18.71	19	-32.59	1	105.49	19
1	Max	-373	409.74	5	29.71	5	88.32	5	532.45	18	4.52	14	23.53	19	-32.69	1	105.49	19
1	Max	-372	410.18	5	36.38	5	97.92	5	581.69	18	4.77	5	17.28	14	-32.69	1	105.10	19
1	Min.	-336	-567.40	5	-51.93	5	-69.45	5	186.24	1	-26.00	18	-14.77	5	-127.95	18	-32.37	28
1	Min.	-337	-566.96	5	-45.26	5	-59.86	5	172.70	1	-25.35	18	-15.25	5	-127.95	18	-32.77	28
1	Min.	-373	-409.96	5	-29.70	5	-88.34	5	172.87	1	-10.92	23	-13.58	5	-128.34	18	-32.77	28
1	Min.	-372	-410.41	5	-36.36	5	-97.94	5	186.32	1	-9.95	23	-13.11	5	-128.34	18	-32.37	28
1	Max	-616	367.68	5	6.15	5	2.69	19	146.04	29	62.47	29	0.08	29	68.10	19	16.75	23
1	Max	-617	367.51	5	4.37	5	10.08	5	145.82	29	62.61	29	5.23	28	68.10	19	16.81	23
1	Max	-656	557.60	5	23.38	5	11.04	5	150.09	29	26.20	29	6.36	28	67.95	19	16.81	23
1	Max	-655	557.77	5	25.21	5	2.89	1	150.81	29	26.11	29	3.76	33	67.95	19	16.75	23
1	Min.	-616	-367.59	5	-6.16	5	-2.58	1	-262.65	18	-49.34	18	-3.05	18	-15.55	1	-67.36	29
1	Min.	-617	-367.42	5	-4.37	5	-10.12	5	-248.96	18	-44.26	18	-3.59	19	-15.55	1	-67.45	29
1	Min.	-656	-557.47	5	-23.38	5	-11.08	5	-249.18	18	-49.59	18	0.08	5	-15.55	1	-67.45	29
1	Min.	-655	-557.64	5	-25.21	5	-2.93	1	-262.82	18	-54.68	18	0.32	29	-15.55	1	-67.36	29
1	Max	35	21.53	5	275.36	5	72.31	5	-67.47	1	-227.62	1	27.66	28	-317.31	9	-701.47	1
1	Max	-496	4.17	5	219.92	1	71.27	5	43.47	23	-153.67	1	25.86	29	-317.31	9	-279.28	9
1	Max	-495	3.15	5	219.87	1	84.96	5	44.97	23	-147.56	1	30.94	28	-315.17	9	-279.28	9
1	Max	-458	20.42	5	275.25	5	85.92	5	-65.97	1	-212.39	1	32.99	28	-315.17	9	-701.47	1
1	Min.	35	-21.53	5	-275.43	5	-72.27	5	-165.43	18	-635.70	18	-37.69	19	-832.72	23	-2238.64	33
1	Min.	-496	-4.16	5	-219.94	1	-71.22	5	12.05	15	-474.98	18	-37.67	18	-832.72	23	-824.02	33
1	Min.	-495	-3.15	5	-219.88	1	-84.92	5	12.87	15	-457.59	18	-32.32	19	-827.45	23	-824.02	33
1	Min.	-458	-20.42	5	-275.32	5	-85.88	5	-161.61	18	-597.10	18	-32.61	19	-827.45	23	-2238.64	33
1	Max	39	4.43	5	282.90	5	76.56	5	-89.19	1	-234.98	1	12.53	29	-625.90	9	-780.62	1
1	Max	-612	12.60	5	364.01	5	78.79	5	81.88	34	-172.97	1	9.18	29	-625.90	9	-522.92	1
1	Max	-611	11.41	5	363.90	5	81.58	5	86.86	34	-161.62	1	18.18	29	-623.35	9	-522.92	1
1	Max	-574	3.30	5	282.79	5	79.35	5	-87.58	1	-218.13	1	21.53	29	-623.35	9	-780.62	1
1	Min.	39	-4.43	5	-282.83	5	-76.52	5	-297.72	33	-711.18	18	-40.08	18	-2491.81	33	-2943.57	33
1	Min.	-612	-12.60	5	-363.91	5	-78.75	5	-8.28	18	-556.03	18	-38.58	18	-2491.81	33	-2236.98	33
1	Min.	-611	-11.41	5	-363.80	5	-81.54	5	-4.93	18	-524.24	18	-27.23	18	-2484.82	33	-2236.98	33
1	Min.	-574	-3.29	5	-282.71	5	-79.31	5	-290.93	33	-664.78	18	-28.73	18	-2484.82	33	-2943.57	33
1	Max	-651	6.13	5	537.31	5	56.40	5	66.43	24	-172.85	1	6.51					

Relazione di Calcolo – Ponte Torrente Gogna

1 Min.	-266	-1068.96	5	-20.49	5	-10.83	5	-423.68	18	6.31	5	-20.56	28	29.60	9	-282.10	18
1 Min.	-267	-1068.86	5	-19.19	5	-13.94	5	-392.62	18	3.10	5	-45.42	28	29.60	9	-281.75	18
1 Min.	-306	-831.12	5	-4.88	5	-15.79	5	-452.00	18	-77.88	18	-62.17	28	32.50	9	-281.75	18
1 Min.	-305	-831.22	5	-3.56	5	-12.68	5	-484.19	18	-73.21	33	-37.32	28	32.50	9	-282.10	18
1 Max	-308	21.72	5	856.88	5	7.82	5	-9.22	19	-7.35	29	14.91	28	50.05	18	134.15	28
1 Max	-346	11.50	5	754.71	5	12.19	5	-12.12	5	-1.52	29	16.79	28	50.05	18	134.56	28
1 Max	-345	12.49	5	754.78	5	17.04	5	-15.86	5	-55.73	29	26.37	29	46.88	18	134.56	28
1 Max	-307	22.67	5	856.95	5	12.66	5	-12.83	19	-61.39	29	24.07	28	46.88	18	134.15	28
1 Min.	-308	-21.72	5	-857.09	5	-7.80	5	-37.28	28	-256.19	18	0.68	19	-49.88	29	47.31	9
1 Min.	-346	-11.50	5	-754.90	5	-12.17	5	-34.16	28	-260.48	18	1.03	25	-49.88	29	47.45	9
1 Min.	-345	-12.49	5	-754.97	5	-17.02	5	-35.57	28	-321.02	18	-5.43	18	-55.80	29	47.45	9
1 Min.	-307	-22.67	5	-857.16	5	-12.65	5	-40.17	28	-316.66	18	-5.62	19	-55.80	29	47.31	9
1 Max	-337	595.26	5	48.72	5	70.71	5	512.24	18	5.48	5	17.63	19	-69.36	1	85.35	19
1 Max	-338	594.25	5	37.74	5	76.74	5	420.77	18	2.36	5	30.65	19	-69.36	1	85.90	19
1 Max	-374	450.09	5	23.28	5	87.25	5	434.00	18	1.11	14	37.62	19	-69.21	1	85.90	19
1 Max	-373	451.10	5	34.27	5	81.22	5	525.65	18	3.79	14	24.60	19	-69.21	1	85.35	19
1 Min.	-337	-595.53	5	-48.72	5	-70.72	5	174.51	1	-24.08	18	-15.09	5	-213.87	18	-33.53	28
1 Min.	-338	-594.52	5	-37.74	5	-76.75	5	143.77	29	-24.54	18	-15.25	5	-213.87	18	-34.06	28
1 Min.	-374	-450.31	5	-23.27	5	-87.28	5	141.31	29	-15.01	23	-13.89	5	-214.34	18	-34.06	28
1 Min.	-373	-451.32	5	-34.26	5	-81.25	5	172.74	1	-10.70	23	-13.74	5	-214.34	18	-33.53	28
1 Max	-349	27.06	5	747.63	5	18.76	5	-21.37	5	-59.17	29	-1.17	5	6.47	18	-19.72	19
1 Max	-386	10.67	5	583.72	5	19.94	5	-20.84	5	-41.74	29	3.30	18	6.47	18	-19.70	19
1 Max	-385	9.33	5	583.55	5	15.43	5	-15.54	5	14.78	29	6.36	18	6.59	18	-19.70	19
1 Max	-348	25.68	5	747.47	5	14.25	5	-15.25	5	-2.83	29	1.14	5	6.59	18	-19.72	19
1 Min.	-349	-27.06	5	-747.79	5	-18.74	5	-56.03	28	-242.14	18	-30.69	28	-91.40	29	-142.07	28
1 Min.	-386	-10.67	5	-583.84	5	-19.91	5	-42.59	13	-239.99	18	-33.77	29	-91.40	29	-142.41	28
1 Min.	-385	-9.32	5	-583.67	5	-15.40	5	-34.98	28	-224.58	18	-15.37	29	-90.78	29	-142.41	28
1 Min.	-348	-25.68	5	-747.63	5	-14.22	5	-51.50	28	-226.70	18	-12.04	29	-90.78	29	-142.07	28
1 Max	-461	16.47	5	281.37	5	21.82	5	-2.90	29	61.59	29	15.78	29	19.56	19	225.29	28
1 Max	-499	2.26	5	194.94	1	22.55	5	17.80	29	82.05	29	18.15	29	19.56	19	225.85	28
1 Max	-498	1.59	5	194.94	1	32.77	5	10.68	29	-20.13	29	35.98	29	19.49	19	225.85	28
1 Max	-460	19.83	5	281.69	5	32.04	5	-10.50	29	-40.33	29	33.60	29	19.49	19	225.29	28
1 Min.	-461	-16.48	5	-281.44	5	-21.78	5	-39.10	18	-284.86	18	-9.58	23	-89.19	28	29.10	9
1 Min.	-499	-2.26	5	-194.95	1	-22.51	5	-43.10	18	-288.94	18	-3.95	23	-89.19	28	29.09	9
1 Min.	-498	-1.59	5	-194.95	1	-32.73	5	-43.32	18	-347.83	18	-5.30	18	-90.33	28	29.09	9
1 Min.	-460	-19.84	5	-281.76	5	-32.00	5	-39.36	18	-343.76	18	-10.06	18	-90.33	28	29.10	9
1 Max	39	279.92	5	4.39	5	79.08	5	-202.77	1	-68.17	1	29.34	18	1013.45	23	962.06	23
1 Max	-575	279.64	5	1.32	5	68.30	5	-147.72	1	-51.63	1	27.81	19	1013.45	23	957.41	23
1 Max	-613	366.17	5	9.97	5	68.87	5	-141.43	1	58.38	24	46.84	18	1009.03	23	957.41	23
1 Max	-612	366.46	5	13.03	5	79.64	5	-196.17	1	5.64	24	49.33	18	1009.03	23	962.06	23
1 Min.	39	-279.85	5	-4.39	5	-79.12	5	-625.15	18	-209.59	33	-20.30	29	241.73	9	225.95	1
1 Min.	-575	-279.57	5	-1.32	5	-68.34	5	-493.81	18	-164.11	33	-17.77	28	241.73	9	224.56	1
1 Min.	-613	-366.07	5	-9.97	5	-68.90	5	-484.47	18	-22.82	18	2.02	29	240.32	9	224.56	1
1 Min.	-612	-366.35	5	-13.03	5	-79.68	5	-614.80	18	-61.92	18	-1.47	29	240.32	9	225.95	1
1 Max	-654	6.50	5	557.86	5	14.33	5	28.95	29	151.85	29	5.64	28	45.23	19	331.14	28
1 Max	-692	26.23	5	755.17	5	13.71	5	34.72	29	150.07	29	-0.46	25	45.23	19	331.25	28
1 Max	-691	25.67	5	755.08	5	20.56	5	5.56	29	-5.22	29	-0.83	5	45.97	19	331.25	28
1 Max	-653	5.89	5	557.77	5	21.17	5	0.34	29	-3.40	29	3.38	5	45.97	19	331.14	28
1 Min.	-654	-6.50	5	-557.72	5	-14.30	5	-45.96	18	-278.45	18	0.12	19	-12.95	28	43.52	9
1 Min.	-692	-26.23	5	-754.97	5	-13.68	5	-54.94	18	-288.77	18	-7.25	18	-12.95	28	43.49	9
1 Min.	-691	-25.67	5	-754.88	5	-20.54	5	-76.68	18	-374.08	18	-18.41	19	-11.60	28	43.49	9
1 Min.	-653	-5.90	5	-557.63	5	-21.15	5	-67.35	18	-363.80	18	-11.20	19	-11.60	28	43.52	9
1 Max	-692	10.72	5	753.62	5	12.26	5	48.65	29	152.44	29	-1.67	5	151.08	29	341.84	28
1 Max	-730	21.00	5	856.33	5	7.95	5	17.32	29	147.92	29	-2.94	5	151.08	29	341.42	28
1 Max	-729	21.58	5	856.35	5	13.25	5	-14.82	29	-9.37	29	-1.31	5	152.92	29	341.42	28
1 Max	-691	11.29	5	753.64	5	17.56	5	16.90	29	-5.07	29	0.15	5	152.92	29	341.84	28
1 Min.	-692	-10.72	5	-753.42	5	-12.24	5	-37.35	18	-283.91	18	-10.54	18	-16.47	23	43.93	9
1 Min.	-730	-20.99	5	-856.11	5	-7.93	5	-36.31	18	-285.73	18	-13.75	18	-16.47	23	43.89	9
1 Min.	-729	-21.58	5	-856.13	5	-13.24	5	-55.18	18	-376.72	18	-17.93	18	-11.92	5	43.89	9
1 Min.	-691	-11.29	5	-753.45	5	-17.54	5	-54.59	18	-374.97	18	-15.11	19	-11.92	5	43.93	9
1 Max	-730	5.61	5	853.70	5	5.75	5	17.48	29	136.77	29	2.69	23	57.24	29	272.88	28
1 Max	-770	19.77	5	1103.98	5	4.97	5	2.41	28	120.82	29	-2.40	9	57.24	29	272.31	28
1 Max	-769	21.26	5	1104.09	5	6.05	5	-6.70	5	-12.16	29	-9.66	5	56.88	29	272.31	28
1 Max	-729	4.19	5	853.81	5	6.84	5	1.99	29	3.48	29	-5.81	5	56.88	29	272.88	28
1 Min.	-730	-5.61	5	-853.48	5	-5.74	5	-20.00	18	-286.13	18	-5.76	29	-4.18	5	43.40	9
1 Min.	-770	-19.77	5	-1103.71	5	-4.96	5	-5.47	19	-310.94	18	-11.25	18	-4.18	5	43.30	9
1 Min.	-769	-21.26	5	-1103.81	5	-6.05	5	-24.34	18	-397.71	18	-37.65	18	-4.36	5	43.30	9
1 Min.	-729	-4.20	5	-853.59	5	-6.83	5	-39.14	18	-373.08	18	-29.05	18	-4.36	5	43.40	9
1 Max	-730	856.56	5	4.97	5	3.68	5	135.06	29	25.22	29	11.15	18	74.66	18	11.45	5
1 Max	-731	856.59	5	4.92	5	2.05	1	147.96	29	23.99	29	5.96	18	74.66	18	11.47	5
1 Max	-771	1107.38	5	20.37	5	1.89	1	130.01	29	-1.57	5	-1.26	5	73.67	18	11.47	5
1 Max	-770	1107.36	5	20.37	5	3.14	5	117.18	29	0.10	5	4.47	29	73.67	18	11.45	5
1 Min.	-730	-856.36	5	-4.97	5	-3.69	5	-292.56	18	-16.94	18	2.18	5	-3.55	1	-90.59	29
1 Min.	-731	-856.38	5	-4.92	5	-2.06	1	-268.92	18	-19.44	18	0.55	5	-3.55	1	-90.59	29
1 Min.	-771	-1107.12	5	-20.36	5	-1.90	1	-279.11	18	-10.53	18	-3.93	23	-3.82	1	-90.59	29
1 Min.	-770	-1107.10	5	-20.37	5	-3.15	5	-302.50	18	-8.06	18	-2.69	23	-3.82	1	-90.59	29
1 Max	-692	755.02	5	11.05	5	6.55	5	153.16	29	53.02	29	10.51	18	112.65	18	10.08	5
1 Max	-693	755.03	5	10.90	5	3.90	1	151.06	29	55.49	29	0.79	19	112.65	18	9.13	5
1 Max	-731	859.19	5	21.32	5	3.35	1	139.52	29	14.61	29	3.59	18	113.47	18	9.13	5
1 Max	-730	859.18	5	21.49	5	5.88	5	141.28	29	12.36	29	13.62	18	113.47	18	10.08	5
1 Min.	-692	-754.84	5	-11.05	5	-6.58	5	-285.9									

Relazione di Calcolo – Ponte Torrente Gogna

1 Min.	-462	-280.77	5	-16.16	5	-3.41	5	-251.25	18	-35.51	18	-3.15	19	5.20	1	-34.11	18
1 Min.	-500	-186.58	1	-2.36	5	-4.13	5	-261.56	18	-41.26	18	-3.24	18	5.37	1	-34.11	18
1 Min.	-499	-186.53	1	-1.82	5	-13.70	5	-289.60	18	-43.68	18	-16.57	29	5.37	1	-33.93	18
1 Max	-346	26.01	5	756.16	5	13.01	5	-14.63	5	-1.70	29	12.54	29	21.11	18	145.64	28
1 Max	-383	9.54	5	591.52	5	14.56	5	-15.28	5	15.51	29	15.50	29	21.11	18	146.12	28
1 Max	-382	10.60	5	591.60	5	20.53	5	-20.49	5	-42.17	29	33.32	29	21.37	18	146.12	28
1 Max	-345	27.01	5	756.24	5	18.98	5	-20.69	5	-59.14	29	30.46	28	21.37	18	145.64	28
1 Min.	-346	-26.01	5	-756.35	5	-12.99	5	-51.22	28	-261.18	18	-2.82	23	-91.02	29	49.06	9
1 Min.	-383	-9.54	5	-591.67	5	-14.53	5	-34.52	28	-261.32	18	-7.27	23	-91.02	29	49.07	9
1 Min.	-382	-10.60	5	-591.75	5	-20.50	5	-45.28	23	-321.19	18	-4.36	18	-91.97	29	49.07	9
1 Min.	-345	-27.01	5	-756.43	5	-18.96	5	-56.60	28	-321.12	18	-1.53	19	-91.97	29	49.06	9
1 Max	-308	858.96	5	22.16	5	6.14	5	-9.87	29	-9.50	19	-1.10	19	78.41	18	80.02	29
1 Max	-309	858.93	5	21.61	5	2.83	1	2.84	29	-6.92	19	4.13	24	78.41	18	80.41	29
1 Max	-347	756.02	5	11.32	5	3.42	1	13.92	29	-9.72	5	5.87	23	78.00	18	80.41	29
1 Max	-346	756.05	5	11.89	5	7.08	5	1.23	29	-12.41	5	-0.35	24	78.00	18	80.02	29
1 Min.	-308	-859.17	5	-22.16	5	-6.16	5	-262.41	18	-38.17	28	-16.45	28	14.17	1	-26.00	18
1 Min.	-309	-859.14	5	-21.61	5	-2.84	1	-237.18	18	-34.37	28	-1.49	5	14.17	1	-23.87	18
1 Min.	-347	-756.20	5	-11.31	5	-3.45	1	-235.87	18	-29.53	28	0.09	5	14.00	1	-23.87	18
1 Min.	-346	-756.23	5	-11.89	5	-7.10	5	-260.95	18	-33.52	28	-15.11	28	14.00	1	-26.00	18
1 Max	-269	1103.97	5	20.38	5	2.77	5	-24.99	29	0.72	19	5.45	18	55.53	18	40.57	29
1 Max	-270	1104.00	5	20.48	5	1.52	1	-13.70	29	-1.35	19	7.06	23	55.53	18	40.43	29
1 Max	-309	856.34	5	4.51	5	1.92	1	4.36	29	-6.38	5	2.96	24	55.45	18	40.43	29
1 Max	-308	856.31	5	4.63	5	3.54	5	-7.15	29	-5.03	5	-0.01	19	55.45	18	40.57	29
1 Min.	-269	-1104.23	5	-20.38	5	-2.77	5	-261.51	18	-12.06	28	-8.72	29	1.96	1	-20.84	18
1 Min.	-270	-1104.27	5	-20.48	5	-1.53	1	-237.88	18	-15.02	28	0.67	5	1.96	1	-20.78	18
1 Min.	-309	-856.55	5	-4.51	5	-1.92	1	-237.79	18	-15.66	28	-2.76	28	2.18	1	-20.78	18
1 Min.	-308	-856.51	5	-4.62	5	-3.55	5	-261.39	18	-12.63	28	-14.40	28	2.18	1	-20.84	18
1 Max	-271	1091.93	5	19.62	5	5.33	5	-26.40	29	0.77	19	13.13	28	-20.25	19	31.40	29
1 Max	-272	1092.12	5	21.22	5	6.14	5	-73.65	29	-6.45	19	30.28	28	-20.25	19	31.77	29
1 Max	-311	845.93	5	3.69	5	6.19	5	-56.53	29	-11.93	5	27.57	28	-20.49	19	31.77	29
1 Max	-310	845.74	5	5.26	5	5.37	5	-8.94	29	-6.09	5	10.99	29	-20.49	19	31.40	29
1 Min.	-271	-1092.17	5	-19.62	5	-5.34	5	-230.19	18	-9.76	28	2.84	5	-132.31	28	-11.79	18
1 Min.	-272	-1092.35	5	-21.22	5	-6.15	5	-244.67	18	-18.49	28	7.50	5	-132.31	28	-11.72	18
1 Min.	-311	-846.11	5	-3.68	5	-6.19	5	-238.07	18	-24.01	13	3.28	5	-133.11	28	-11.72	18
1 Min.	-310	-845.92	5	-5.26	5	-5.38	5	-223.46	18	-15.31	28	-1.49	5	-133.11	28	-11.79	18
1 Max	-313	22.43	5	813.08	5	26.13	5	-43.55	5	-232.17	9	-6.92	19	628.95	28	-252.71	9
1 Max	31	12.50	5	713.81	5	38.56	5	-112.55	5	-243.84	9	8.00	14	628.95	28	-253.71	9
1 Max	-350	11.97	5	713.72	5	33.85	5	-75.27	5	-142.77	9	-4.54	19	623.15	28	-253.71	9
1 Max	-312	21.91	5	813.00	5	21.41	5	-6.29	19	-130.49	9	-18.09	5	623.15	28	-252.71	9
1 Min.	-313	-22.43	5	-813.24	5	-26.11	5	-81.60	13	-419.96	13	-38.56	28	336.92	9	-535.54	28
1 Min.	31	-12.50	5	-713.95	5	-38.54	5	-206.41	13	-441.27	13	-20.77	28	336.92	9	-537.49	28
1 Min.	-350	-11.97	5	-713.86	5	-33.82	5	-141.49	28	-273.11	13	-39.51	28	332.48	9	-537.49	28
1 Min.	-312	-21.91	5	-813.16	5	-21.40	5	-16.85	23	-253.01	18	-57.30	28	332.48	9	-535.54	28
1 Max	-346	757.50	5	26.31	5	7.90	5	-0.75	29	-14.06	5	2.88	23	81.21	18	103.81	29
1 Max	-347	757.50	5	26.12	5	2.98	1	12.08	29	-10.95	5	2.87	24	81.21	18	103.22	29
1 Max	-384	592.28	5	9.60	5	3.29	5	30.47	29	-13.30	5	6.67	23	81.50	18	103.22	29
1 Max	-383	592.28	5	9.84	5	8.47	5	17.40	29	-15.95	5	7.18	23	81.50	18	103.81	29
1 Min.	-346	-757.68	5	-26.32	5	-7.92	5	-261.19	18	-52.63	28	-14.26	29	14.03	1	-37.47	18
1 Min.	-347	-757.68	5	-26.13	5	-3.01	1	-235.84	18	-49.37	28	-1.94	5	14.03	1	-37.71	18
1 Min.	-384	-592.42	5	-9.60	5	-3.32	5	-241.20	18	-30.07	28	0.20	29	14.29	1	-37.71	18
1 Min.	-383	-592.42	5	-9.84	5	-8.49	5	-266.66	18	-35.58	23	-13.79	29	14.29	1	-37.47	18
1 Max	-619	3.46	5	355.27	5	50.80	5	-1.23	29	-142.25	9	8.07	19	25.34	18	-5.01	19
1 Max	-658	22.01	5	540.78	5	47.46	5	-4.99	29	-141.83	9	-1.89	19	25.34	18	-4.84	19
1 Max	-657	20.77	5	540.63	5	35.37	5	6.63	29	-11.06	29	-3.42	5	25.19	18	-4.84	19
1 Max	-618	2.17	5	355.12	5	38.71	5	10.68	29	-14.82	29	5.94	19	25.19	18	-5.01	19
1 Min.	-619	-3.46	5	-355.20	5	-50.76	5	-38.37	13	-288.68	13	-19.91	28	0.19	29	-346.14	28
1 Min.	-658	-22.01	5	-540.67	5	-47.43	5	-48.26	13	-290.12	13	-25.25	28	0.19	29	-346.63	28
1 Min.	-657	-20.77	5	-540.51	5	-35.33	5	-60.14	18	-263.02	18	-20.15	28	0.87	29	-346.63	28
1 Min.	-618	-2.18	5	-355.04	5	-38.67	5	-50.04	18	-261.17	18	-14.81	28	0.87	29	-346.14	28
1 Max	36	23.16	5	256.74	5	72.11	5	-49.60	9	-200.35	9	9.00	19	-116.14	9	-89.71	20
1 Max	-504	5.59	5	146.33	1	74.42	5	-3.85	9	-189.49	9	14.48	19	-116.14	9	-88.71	20
1 Max	-503	1.45	5	146.09	1	64.21	5	21.68	29	-135.37	9	21.95	18	-115.05	9	-88.71	20
1 Max	-465	18.93	5	256.30	5	61.84	5	-39.84	9	-146.21	9	15.97	18	-115.05	9	-89.71	20
1 Min.	36	-23.16	5	-256.78	5	-72.07	5	-97.09	28	-385.49	28	-32.87	28	-212.71	28	-386.99	28
1 Min.	-504	-5.59	5	-146.34	1	-74.38	5	-13.09	13	-374.13	28	-23.27	28	-212.71	28	-385.90	28
1 Min.	-503	-1.45	5	-146.10	1	-64.17	5	-0.88	18	-268.58	13	-23.84	29	-210.13	28	-385.90	28
1 Min.	-465	-18.94	5	-256.34	5	-61.80	5	-70.53	13	-283.27	13	-32.95	29	-210.13	28	-386.99	28
1 Max	40	1.90	5	259.09	5	73.61	5	-60.31	9	-206.48	9	11.19	18	-150.60	9	-135.28	20
1 Max	-620	7.21	5	345.75	5	71.25	5	-27.41	9	-202.52	9	20.34	18	-150.60	9	-134.70	20
1 Max	-619	13.11	5	346.31	5	61.98	5	-24.13	29	-132.51	29	17.11	19	-146.49	9	-134.70	20
1 Max	-581	4.38	5	259.65	5	64.35	5	-37.37	9	-137.28	9	9.64	19	-146.49	9	-135.28	20
1 Min.	40	-1.91	5	-259.04	5	-73.57	5	-134.19	28	-440.82	28	-23.63	29	-374.50	28	-578.60	28
1 Min.	-620	-7.21	5	-345.68	5	-71.21	5	-54.11	28	-432.25	28	-6.16	29	-374.50	28	-577.60	28
1 Min.	-619	-13.11	5	-346.24	5	-61.94	5	-19.30	18	-275.87	13	-3.03	28	-361.77	28	-577.60	28
1 Min.	-581	-4.38	5	-259.60	5	-64.31	5	-70.28	13	-279.27	13	-22.16	28	-361.77	28	-578.60	28
1 Max	-659	6.46	5	523.56	5	54.64	5	-23.76	9	-217.68	9	6.55	19	430.72	28	-184.60	19
1 Max	45	25.27	5	711.66	5	50.11	5	-94.03	9	-234.62	9	25.27	18	430.72	28	-185.82	19
1 Max	-696	23.59	5	711.46	5	44.06	5	-71.36	9	-146.58	9	4.81	19	426.02	28	-185.82	19
1 Max	-658	4.78	5	523.36	5	48.59	5	27.66	29	-128.65	9	-7.92	5	426.02	28	-184.60	19
1 Min.	-659	-6.46	5	-523.46	5	-54.62	5	-48.36	13	-470.15	28	-15.59	28	183.67	9	-656.09	28
1 Min.	45	-25.26	5	-711.52	5	-50.09	5	-212.97	28	-506.65							

Relazione di Calcolo – Ponte Torrente Gogna

1 Min.	-776	-1010.52	5	-20.30	5	-20.63	5	-247.65	28	6.23	9	-6.04	19	182.31	9	129.57	9
1 Min.	-775	-1010.20	5	-17.34	5	-17.69	5	-373.64	28	6.60	9	-30.95	18	182.31	9	129.93	9
1 Max	45	683.87	5	8.14	5	52.42	5	-250.14	9	-115.41	9	-7.63	5	849.07	13	854.36	28
1 Max	-697	684.21	5	11.18	5	58.57	5	-104.07	9	-80.77	9	10.94	29	849.07	13	845.74	28
1 Max	-736	779.40	5	20.70	5	40.95	5	-90.31	9	-10.12	5	31.91	28	847.29	13	845.74	28
1 Max	-735	779.07	5	17.65	5	34.80	5	-236.21	9	-44.28	9	4.24	5	847.29	13	854.36	28
1 Min.	45	-683.75	5	-8.15	5	-52.45	5	-542.30	28	-265.11	28	-27.58	18	417.23	9	358.25	9
1 Min.	-697	-684.08	5	-11.19	5	-58.59	5	-264.74	28	-190.84	28	-10.08	18	417.23	9	353.45	9
1 Min.	-736	-779.25	5	-20.70	5	-40.96	5	-231.41	28	-24.60	28	5.14	19	416.30	9	353.45	9
1 Min.	-735	-778.92	5	-17.65	5	-34.82	5	-508.01	28	-97.02	28	-8.81	18	416.30	9	358.25	9
1 Max	40	249.55	5	2.43	5	85.78	5	-208.67	9	-60.93	9	9.76	29	569.61	13	378.36	28
1 Max	-582	249.61	5	2.21	5	97.69	5	-100.64	9	-38.80	9	14.53	29	569.61	13	374.22	28
1 Max	-621	335.29	5	6.77	5	94.07	5	-94.81	9	-1.02	19	24.55	29	568.55	13	374.22	28
1 Max	-620	335.23	5	6.41	5	82.17	5	-202.82	9	-26.94	9	19.77	29	568.55	13	378.36	28
1 Min.	40	-249.51	5	-2.43	5	-85.83	5	-440.10	28	-133.70	28	-20.73	18	297.04	9	161.60	9
1 Min.	-582	-249.57	5	-2.21	5	-97.73	5	-248.50	28	-91.69	28	-18.14	18	297.04	9	159.62	9
1 Min.	-621	-335.23	5	-6.77	5	-94.11	5	-238.84	28	-13.15	28	-8.38	18	296.39	9	159.62	9
1 Min.	-620	-335.17	5	-6.41	5	-82.20	5	-429.80	28	-54.27	28	-10.96	18	296.39	9	161.60	9
1 Max	-654	557.84	5	6.62	5	8.03	5	151.95	29	25.76	29	0.63	19	110.62	18	34.06	28
1 Max	-655	557.87	5	6.74	5	3.14	1	152.03	29	29.67	29	-0.34	34	110.62	18	34.12	28
1 Max	-693	756.60	5	26.61	5	3.45	1	150.37	29	41.92	29	5.00	18	109.27	18	34.12	28
1 Max	-692	756.57	5	26.54	5	8.00	5	150.98	29	38.01	29	6.33	19	109.27	18	34.06	28
1 Min.	-654	-557.71	5	-6.62	5	-8.06	5	-284.96	18	-50.15	18	-5.06	23	8.19	1	-16.93	19
1 Min.	-655	-557.73	5	-6.74	5	-3.17	1	-260.42	18	-43.38	18	-3.81	28	8.19	1	-16.72	19
1 Min.	-693	-756.41	5	-26.61	5	-3.48	1	-262.40	18	-44.30	18	0.34	5	7.80	1	-16.72	19
1 Min.	-692	-756.39	5	-26.54	5	-8.02	5	-286.59	18	-51.18	18	-0.03	5	7.80	1	-16.93	19
1 Max	36	243.15	5	22.03	5	83.10	5	-201.02	9	-50.26	9	26.54	28	437.42	13	210.99	28
1 Max	-466	243.53	5	25.67	5	91.60	5	-106.44	9	-39.03	9	30.92	28	437.42	13	209.69	28
1 Max	-505	135.35	1	8.71	5	91.91	5	-93.89	9	9.67	29	33.76	28	435.59	13	209.69	28
1 Max	-504	135.14	1	5.07	5	83.36	5	-187.84	9	-2.59	5	29.38	28	435.59	13	210.99	28
1 Min.	36	-243.19	5	-22.03	5	-83.14	5	-385.02	28	-95.14	28	-12.63	19	239.44	9	123.73	9
1 Min.	-466	-243.58	5	-25.67	5	-91.64	5	-233.64	28	-77.00	28	-5.68	19	239.44	9	122.96	9
1 Min.	-505	-135.35	1	-8.71	5	-91.95	5	-220.40	28	5.18	25	-4.03	19	238.20	9	122.96	9
1 Min.	-504	-135.15	1	-5.07	5	-83.41	5	-370.60	28	-10.71	13	-10.98	19	238.20	9	123.73	9
1 Max	-739	607.09	5	6.14	5	44.46	5	249.31	18	1.94	19	-2.98	29	228.95	13	17.46	33
1 Max	-740	607.73	5	0.55	1	48.64	5	340.37	18	5.53	19	-3.96	5	228.95	13	16.96	33
1 Max	-780	789.29	5	18.36	5	41.51	5	344.19	18	5.80	18	-6.86	5	230.57	13	16.96	33
1 Max	-779	788.65	5	12.29	5	37.33	5	252.47	18	1.29	18	-6.00	29	230.57	13	17.46	33
1 Min.	-739	-606.99	5	-6.14	5	-44.47	5	70.08	29	-10.99	28	-21.42	18	110.89	9	1.15	29
1 Min.	-740	-607.63	5	-0.55	1	-48.65	5	133.76	29	-5.91	28	-19.17	18	110.89	9	0.76	14
1 Min.	-780	-789.16	5	-18.36	5	-41.52	5	131.19	29	0.32	29	-24.24	18	111.44	9	0.76	14
1 Min.	-779	-788.53	5	-12.29	5	-37.34	5	67.33	29	-3.35	29	-26.49	18	111.44	9	1.15	29
1 Max	31	30.00	5	715.56	5	41.59	5	-98.18	5	-237.72	9	-3.16	19	-219.42	5	-206.66	19
1 Max	-388	14.09	5	556.42	5	45.90	5	-26.54	5	-221.80	9	11.94	18	-219.42	5	-205.42	19
1 Max	-387	9.87	5	555.97	5	41.49	5	-2.76	5	-131.28	9	28.90	18	-216.54	5	-205.42	19
1 Max	-350	25.71	5	715.10	5	37.17	5	-73.87	5	-147.94	9	8.32	18	-216.54	5	-206.66	19
1 Min.	31	-30.00	5	-715.70	5	-41.57	5	-181.06	13	-429.65	13	-36.57	28	-393.23	13	-460.49	28
1 Min.	-388	-14.08	5	-556.53	5	-45.87	5	-53.58	13	-401.81	13	-22.87	29	-393.23	13	-459.12	28
1 Min.	-387	-9.87	5	-556.07	5	-41.46	5	-11.81	23	-255.09	13	-17.94	29	-388.43	13	-459.12	28
1 Min.	-350	-25.71	5	-715.24	5	-37.15	5	-136.29	28	-282.02	13	-26.16	29	-388.43	13	-460.49	28
1 Max	-313	788.25	5	20.22	5	30.43	5	-236.40	9	-42.45	5	19.77	28	756.49	13	-361.07	9
1 Max	-314	788.82	5	25.55	5	33.49	5	-89.04	9	-3.88	29	-1.19	29	756.49	13	-356.07	9
1 Max	-351	692.31	5	15.90	5	44.76	5	-102.89	9	-79.57	5	15.29	28	758.32	13	-356.07	9
1 Max	31	691.75	5	10.63	5	41.70	5	-250.48	9	-114.73	5	39.90	28	758.32	13	-361.07	9
1 Min.	-313	-788.40	5	-20.22	5	-30.44	5	-425.77	13	-80.13	13	-6.19	14	421.42	9	-688.34	28
1 Min.	-314	-788.96	5	-25.55	5	-33.50	5	-176.26	28	-20.00	33	-25.16	13	421.42	9	-677.78	28
1 Min.	-351	-692.45	5	-15.90	5	-44.78	5	-204.15	28	-147.39	13	-9.59	14	422.38	9	-677.78	28
1 Min.	31	-691.88	5	-10.62	5	-41.72	5	-450.74	13	-210.62	28	4.88	19	422.38	9	-688.34	28
1 Max	-274	1018.02	5	18.98	5	13.54	5	-178.90	9	14.92	28	35.87	28	339.50	18	-128.96	9
1 Max	-275	1018.21	5	20.65	5	15.46	5	-97.83	9	14.92	28	6.52	29	339.50	18	-128.58	9
1 Max	-314	786.00	5	2.82	5	20.36	5	-123.17	9	-38.27	5	-2.51	29	341.80	18	-128.58	9
1 Max	-313	785.81	5	4.51	5	18.44	5	-204.72	9	-38.02	5	22.39	28	341.80	18	-128.96	9
1 Min.	-274	-1018.21	5	-18.98	5	-13.54	5	-323.57	13	6.31	5	7.36	5	182.28	9	-250.85	28
1 Min.	-275	-1018.40	5	-20.66	5	-15.47	5	-188.01	28	5.81	5	-10.49	13	182.28	9	-249.92	28
1 Min.	-314	-786.15	5	-2.81	5	-20.37	5	-237.76	28	-71.37	13	-28.55	13	183.66	9	-249.92	28
1 Min.	-313	-785.96	5	-4.51	5	-18.44	5	-369.14	13	-71.46	28	-3.90	14	183.66	9	-250.85	28
1 Max	-665	4.98	5	372.21	5	157.83	5	16.66	19	401.94	18	10.88	18	-3.99	5	155.39	13
1 Max	-702	16.06	5	483.22	5	146.67	5	17.73	19	408.31	18	12.22	18	-3.99	5	155.76	13
1 Max	-701	8.98	5	482.49	5	141.01	5	13.32	19	335.51	18	17.90	18	-4.16	5	155.76	13
1 Max	-664	2.40	5	371.47	5	152.18	5	12.07	19	329.33	18	16.57	18	-4.16	5	155.39	13
1 Min.	-665	-4.99	5	-372.15	5	-157.80	5	-13.04	28	184.60	31	0.41	5	-26.45	18	74.47	9
1 Min.	-702	-16.06	5	-483.14	5	-146.64	5	-6.11	28	185.64	31	1.53	5	-26.45	18	74.57	9
1 Min.	-701	-8.98	5	-482.41	5	-140.98	5	-12.19	28	132.16	29	2.92	5	-26.94	18	74.57	9
1 Min.	-664	-2.40	5	-371.42	5	-152.14	5	-19.17	28	131.68	29	1.68	5	-26.94	18	74.47	9
1 Max	-665	337.81	5	1.67	5	169.11	5	400.52	18	16.27	19	-0.27	5	93.88	28	27.83	18
1 Max	-666	338.23	5	5.73	5	179.03	5	423.24	18	17.12	19	0.26	5	93.88	28	27.61	18
1 Max	-703	431.30	5	15.00	5	162.02	5	429.43	18	18.64	19	-1.09	5	94.58	28	27.61	18
1 Max	-702	430.88	5	10.93	5	152.10	5	406.35	18	17.87	19	-1.69	5	94.58	28	27.83	18
1 Min.	-665	-337.76	5	-1.68	5	-169.15	5	183.87	31	-13.77	28	-10.59	18	41.36	9	3.67	9
1 Min.	-666	-338.17	5	-5.73	5	-179.06	5	199.86	9	-12.13	28	-7.70	18	41.36	9	3.59	9
1 Min.	-703	-431.23															

Relazione di Calcolo – Ponte Torrente Gogna

1 Min.	46	-47.93	5	-2.60	1	-15.36	5	-207.32	18	-57.64	18	-3.20	18	-715.05	18	56.42	9
1 Max	-750	5.69	5	3.53	1	2.23	5	-41.85	9	-7.33	5	1.21	5	-113.39	9	-49.42	5
1 Max	-790	5.22	5	3.68	1	2.57	5	6.26	5	12.29	18	9.76	18	-113.39	9	-50.14	5
1 Max	-789	17.98	5	3.25	1	2.51	5	14.89	18	29.37	18	17.90	18	-113.32	9	-50.14	5
1 Max	-749	18.45	5	4.62	5	2.84	5	-38.15	9	0.36	5	5.43	5	-113.32	9	-49.42	5
1 Min.	-750	-5.69	5	-3.52	1	-2.23	5	-92.31	18	-19.07	18	-7.22	18	-237.64	18	-117.44	18
1 Min.	-790	-5.22	5	-3.68	1	-2.57	5	2.25	5	6.16	5	4.83	5	-237.64	18	-117.95	18
1 Min.	-789	-17.98	5	-3.25	1	-2.51	5	7.08	5	14.69	9	8.88	5	-237.51	18	-117.95	18
1 Min.	-749	-18.45	5	-4.62	5	-2.83	5	-82.86	18	-2.11	13	0.00	5	-237.51	18	-117.44	18
1 Max	-783	6.46	5	436.46	5	58.64	5	7.39	18	450.95	18	7.70	13	23.83	33	20.89	18
1 Max	-743	1.52	5	359.52	5	68.71	5	6.91	19	443.56	18	7.57	18	23.83	33	21.14	18
1 Max	-744	10.44	5	360.71	5	68.91	5	6.12	19	433.50	18	4.48	5	23.66	33	21.14	18
1 Max	-784	18.13	5	437.65	5	58.85	5	6.32	18	441.02	18	4.63	5	23.66	33	20.89	18
1 Min.	-783	-6.46	5	-436.39	5	-58.63	5	1.67	5	210.30	9	0.85	5	5.91	9	-9.98	29
1 Min.	-743	-1.52	5	-359.47	5	-68.70	5	-3.72	28	208.35	9	0.82	5	5.91	9	-9.81	29
1 Min.	-744	-10.44	5	-360.66	5	-68.90	5	-3.80	28	206.11	9	-1.67	5	5.80	9	-9.81	29
1 Min.	-784	-18.13	5	-437.59	5	-58.84	5	1.32	5	208.07	9	-1.60	5	5.80	9	-9.98	29
1 Max	-280	808.45	5	25.68	5	9.51	5	375.87	18	5.16	28	17.88	5	90.86	13	-3.48	14
1 Max	-281	807.73	5	18.30	5	11.14	5	407.84	18	5.67	28	16.88	5	90.86	13	-3.37	14
1 Max	-320	589.85	5	3.73	5	28.42	5	404.25	18	1.45	5	14.77	5	90.15	13	-3.37	14
1 Max	-319	590.57	5	3.98	5	26.78	5	372.53	18	1.01	5	15.77	5	90.15	13	-3.48	14
1 Min.	-280	-808.57	5	-25.68	5	-9.51	5	185.14	9	1.10	5	-2.15	5	44.49	9	-27.46	28
1 Min.	-281	-807.85	5	-18.30	5	-11.14	5	204.18	9	1.67	5	-4.57	5	44.49	9	-27.16	28
1 Min.	-320	-589.94	5	-3.73	5	-28.42	5	201.84	9	-2.56	28	-6.19	5	44.23	9	-27.16	28
1 Min.	-319	-590.66	5	-3.98	5	-26.79	5	183.06	9	-3.35	33	-3.77	5	44.23	9	-27.46	28
1 Max	-319	592.76	5	25.82	5	49.43	5	372.83	18	5.27	5	15.69	5	90.04	13	-2.23	19
1 Max	-320	594.61	5	44.16	5	36.51	5	404.57	18	5.93	5	14.86	5	90.04	13	-1.90	19
1 Max	-357	504.71	5	35.17	5	44.90	5	403.29	18	3.83	5	13.86	5	89.93	13	-1.90	19
1 Max	-356	502.86	5	16.86	5	57.82	5	371.60	18	3.26	5	14.69	5	89.93	13	-2.23	19
1 Min.	-319	-592.85	5	-25.82	5	-49.44	5	183.30	9	-0.44	5	-3.90	5	44.78	9	-41.35	28
1 Min.	-320	-594.70	5	-44.16	5	-36.52	5	202.06	9	-0.11	5	-6.07	5	44.78	9	-40.01	28
1 Min.	-357	-504.78	5	-35.18	5	-44.92	5	201.07	9	-3.16	13	-6.69	5	44.74	9	-40.01	28
1 Min.	-356	-502.93	5	-16.86	5	-57.84	5	182.14	31	-3.95	13	-4.53	5	44.74	9	-41.35	28
1 Max	31	693.50	5	28.07	5	44.72	5	-243.41	9	-99.81	5	20.42	29	661.72	13	426.99	13
1 Max	-351	693.68	5	29.56	5	50.40	5	-108.25	9	-75.79	5	34.61	28	661.72	13	423.86	13
1 Max	-389	536.82	5	13.87	5	59.52	5	-89.65	9	-1.36	29	52.44	28	658.81	13	423.86	13
1 Max	-388	536.65	5	12.38	5	53.85	5	-224.10	9	-25.66	5	38.09	28	658.81	13	426.99	13
1 Min.	31	-693.63	5	-28.07	5	-44.75	5	-438.34	13	-184.77	13	-8.55	13	367.54	9	233.51	5
1 Min.	-351	-693.81	5	-29.56	5	-50.42	5	-213.42	28	-142.67	13	3.94	19	367.54	9	231.92	5
1 Min.	-389	-536.92	5	-13.87	5	-59.55	5	-186.92	28	-10.58	23	11.87	19	365.78	9	231.92	5
1 Min.	-388	-536.75	5	-12.38	5	-53.88	5	-403.45	13	-50.94	28	-0.15	19	365.78	9	233.51	5
1 Max	-621	322.04	5	1.79	5	98.48	5	-104.02	9	-12.43	19	12.47	29	356.35	13	-6.84	5
1 Max	-622	321.92	5	3.35	5	108.14	5	3.74	19	-13.13	19	6.59	29	356.35	13	-7.06	5
1 Max	-661	486.35	5	13.47	5	101.10	5	1.70	19	-17.76	19	-12.97	5	357.03	13	-7.06	5
1 Max	-660	486.47	5	14.97	5	91.44	5	-105.46	9	-16.88	19	-11.10	29	357.03	13	-6.84	5
1 Min.	-621	-321.99	5	-1.79	5	-98.52	5	-256.57	28	-30.30	28	-20.76	18	174.09	9	-43.03	28
1 Min.	-622	-321.87	5	-3.35	5	-108.18	5	-121.80	28	-46.22	28	-22.14	18	174.09	9	-43.18	28
1 Min.	-661	-486.26	5	-13.47	5	-101.13	5	-130.07	28	-58.34	28	-41.38	13	174.28	9	-43.18	28
1 Min.	-660	-486.38	5	-14.97	5	-91.48	5	-264.90	28	-42.35	28	-39.80	18	174.28	9	-43.03	28
1 Max	-471	102.21	5	45.01	5	183.10	5	372.26	18	4.92	5	9.10	5	89.77	28	20.62	19
1 Max	-472	102.17	5	44.54	5	187.60	5	403.23	18	7.12	5	8.73	5	89.77	28	20.56	19
1 Max	-511	80.15	1	33.15	5	197.51	5	405.99	18	8.62	19	5.91	5	89.70	13	20.56	19
1 Max	-510	80.05	1	33.64	5	193.00	5	374.97	18	7.63	19	6.26	5	89.70	13	20.62	19
1 Min.	-471	-102.23	5	-45.01	5	-183.14	5	177.68	31	-13.10	28	-5.49	5	44.57	9	-12.06	28
1 Min.	-472	-102.18	5	-44.55	5	-187.64	5	198.34	9	-11.90	28	-6.15	5	44.57	9	-11.94	28
1 Min.	-511	-80.15	1	-33.15	5	-197.55	5	197.84	9	-15.31	28	-5.92	5	44.51	9	-11.94	28
1 Min.	-510	-80.05	1	-33.65	5	-193.04	5	176.56	31	-16.56	28	-5.32	14	44.51	9	-12.06	28
1 Max	-587	203.61	5	13.67	5	217.87	5	391.64	18	14.15	19	2.13	5	88.55	28	40.84	18
1 Max	-588	204.54	5	4.74	5	229.87	5	413.81	18	14.61	19	2.69	5	88.55	28	40.34	18
1 Max	-627	249.82	5	0.59	1	221.41	5	417.62	18	19.31	19	1.53	5	88.55	28	40.34	18
1 Max	-626	248.89	5	9.14	5	209.40	5	395.38	18	18.94	19	0.94	5	88.55	28	40.84	18
1 Min.	-587	-203.58	5	-13.67	5	-217.91	5	182.78	31	-15.95	28	-8.22	13	40.61	9	-0.53	5
1 Min.	-588	-204.51	5	-4.74	5	-229.92	5	198.43	9	-15.11	28	-4.75	13	40.61	9	-0.60	5
1 Min.	-627	-249.78	5	-0.59	1	-221.45	5	199.08	9	-14.31	28	-6.17	13	40.62	9	-0.60	5
1 Min.	-626	-248.86	5	-9.14	5	-209.44	5	183.33	31	-15.14	28	-9.64	13	40.62	9	-0.53	5
1 Max	-282	787.96	5	37.54	5	11.96	5	420.21	18	5.32	28	14.71	5	1.44	5	-3.67	14
1 Max	-283	785.81	5	15.85	5	6.77	5	411.55	18	4.51	28	13.69	5	1.44	5	-3.61	14
1 Max	-322	511.67	5	11.80	5	26.52	5	408.10	18	1.23	5	13.63	5	0.58	5	-3.61	14
1 Max	-321	513.82	5	10.23	5	21.32	5	416.85	18	1.88	5	14.62	5	0.58	5	-3.67	14
1 Min.	-282	-788.07	5	-37.55	5	-11.97	5	211.76	9	1.51	5	-8.13	5	-21.25	18	-25.95	28
1 Min.	-283	-785.91	5	-15.86	5	-6.77	5	209.14	9	1.27	14	-11.01	5	-21.25	18	-25.82	28
1 Min.	-322	-511.74	5	-11.80	5	-26.52	5	206.86	9	-3.49	28	-10.87	5	-21.48	18	-25.82	28
1 Min.	-321	-513.89	5	-10.23	5	-21.32	5	209.74	9	-2.83	33	-7.98	5	-21.48	18	-25.95	28
1 Max	-321	515.62	5	28.20	5	51.44	5	417.25	18	6.31	5	14.22	5	-3.15	5	-0.56	19
1 Max	-322	518.54	5	57.20	5	16.31	5	408.27	18	4.98	5	14.04	5	-3.15	5	-0.32	19
1 Max	-359	419.89	5	47.34	5	16.92	5	407.51	18	3.39	5	13.51	5	-3.34	5	-0.32	19
1 Max	-358	416.97	5	18.38	5	52.02	5	416.50	18	4.87	5	13.68	5	-3.34	5	-0.56	19
1 Min.	-321	-515.69	5	-28.20	5	-51.45	5	210.04	9	-0.09	5	-8.31	5	-25.38	18	-36.65	28
1 Min.	-322	-518.61	5	-57.20	5	-16.31	5	207.02	9	-1.41	5	-10.53	5	-25.38	18	-35.85	28
1 Min.	-359	-419.95	5	-47.34	5	-16.93	5	206.32	9	-4.99	33	-10.89	5	-25.43	18	-35.85	28
1 Min.	-358	-417.03	5	-18.38	5	-52.03	5	209.46	9	-3.24	5	-8.66	5	-25.43	18	-36.65	28
1 Max	-356	505.60	5	44.26	5	59.69	5	371.70									

Relazione di Calcolo – Ponte Torrente Gogna

1	Max	-589	183.70	5	1.02	5	254.87	5	424.96	18	14.31	19	3.16	5	9.99	29	39.09	18
1	Max	-590	186.94	5	31.41	5	264.57	5	417.72	18	12.62	19	3.67	5	9.99	29	37.87	18
1	Max	-629	216.98	5	34.40	5	250.57	5	420.98	18	17.26	19	3.25	5	10.01	29	37.87	18
1	Max	-628	213.75	5	2.12	5	240.87	5	428.20	18	19.16	19	2.44	5	10.01	29	39.09	18
1	Min.	-589	-183.68	5	-1.02	5	-254.91	5	205.38	9	-14.86	28	-4.27	5	-17.49	18	-1.21	5
1	Min.	-590	-186.91	5	-31.40	5	-264.62	5	203.89	9	-14.49	28	-3.13	5	-17.49	18	-1.49	5
1	Min.	-629	-216.95	5	-34.40	5	-250.61	5	204.12	9	-13.36	28	-3.21	5	-17.44	18	-1.49	5
1	Min.	-628	-213.72	5	-2.12	5	-240.91	5	205.73	9	-13.63	28	-4.05	5	-17.44	18	-1.21	5
1	Max	28	907.42	5	3574.41	5	176.97	5	28.66	18	15.42	18	19.25	18	-34.26	5	-103.25	5
1	Max	-288	612.77	5	622.64	5	1339.84	5	14.15	18	11.18	5	11.76	18	-34.26	5	-103.33	5
1	Max	-328	917.16	5	469.71	5	992.37	5	-3.31	5	-31.03	5	8.84	5	-32.83	5	-103.33	5
1	Max	-327	622.02	5	3421.48	5	170.49	5	2.88	5	-29.76	5	12.77	5	-32.83	5	-103.25	5
1	Min.	28	-907.31	5	-3573.97	5	-176.95	5	13.99	5	4.56	5	6.68	5	-95.57	18	-212.46	18
1	Min.	-288	-612.70	5	-622.56	5	-1339.68	5	3.86	5	-2.91	5	1.99	5	-95.57	18	-212.59	18
1	Min.	-328	-917.27	5	-469.65	5	-992.24	5	-14.92	5	-78.49	18	-12.38	5	-94.33	18	-212.59	18
1	Min.	-327	-622.10	5	-3421.06	5	-170.51	5	-4.22	5	-71.51	18	-7.55	5	-94.33	18	-212.46	18
1	Max	-327	868.28	5	958.63	5	212.32	5	-4.10	5	-14.39	5	14.10	5	140.00	18	-288.19	5
1	Max	-328	631.34	5	3328.34	5	505.22	5	9.79	18	-9.57	5	7.54	5	140.00	18	-288.20	5
1	Max	-364	428.03	5	3434.23	5	872.61	5	-5.50	5	-64.98	5	11.06	5	140.59	18	-288.20	5
1	Max	32	191.44	5	1064.53	5	155.35	5	-17.18	5	-69.76	5	17.59	5	140.59	18	-288.19	5
1	Min.	-327	-868.38	5	-958.51	5	-212.29	5	-22.40	5	-59.88	33	-4.83	5	70.90	5	-614.24	18
1	Min.	-328	-631.41	5	-3327.92	5	-505.29	5	2.82	5	-63.63	5	-15.20	5	70.90	5	-611.79	18
1	Min.	-364	-427.97	5	-3433.81	5	-872.72	5	-18.32	18	-174.54	18	-23.21	5	72.06	5	-611.79	18
1	Min.	32	-191.42	5	-1064.39	5	-155.37	5	-49.10	18	-175.59	18	-12.82	5	72.06	5	-614.24	18
1	Max	-358	420.26	5	51.18	5	45.51	5	416.52	18	6.46	5	13.66	5	-5.44	29	3.33	19
1	Max	-359	421.39	5	62.37	5	69.12	5	407.63	18	5.59	5	13.53	5	-5.44	29	3.45	19
1	Max	-397	239.75	5	44.21	5	109.79	5	406.59	18	4.89	5	12.08	5	-5.64	29	3.45	19
1	Max	-396	238.62	5	33.08	5	86.16	5	415.53	18	5.73	5	12.19	5	-5.64	29	3.33	19
1	Min.	-358	-420.32	5	-51.19	5	-45.52	5	209.55	9	-2.16	13	-8.48	5	-25.61	18	-30.33	28
1	Min.	-359	-421.45	5	-62.38	5	-69.14	5	206.47	9	-4.17	13	-11.07	5	-25.61	18	-29.95	28
1	Min.	-397	-239.79	5	-44.21	5	-109.81	5	205.13	9	-10.26	28	-11.29	5	-25.77	18	-29.95	28
1	Min.	-396	-238.66	5	-33.08	5	-86.18	5	208.47	9	-7.96	28	-8.68	5	-25.77	18	-30.33	28
1	Max	-506	113.31	1	21.39	5	123.01	5	6.03	19	-9.00	9	8.92	28	309.88	13	9.79	19
1	Max	-507	113.55	1	26.64	5	133.87	5	118.75	18	-3.32	5	5.54	5	309.88	13	9.62	19
1	Max	-547	160.98	5	11.24	5	137.49	5	120.11	18	-0.38	19	2.40	5	310.31	13	9.62	19
1	Max	-546	161.47	5	6.03	5	126.63	5	7.34	19	-8.33	19	7.04	29	310.31	13	9.79	19
1	Min.	-506	-113.32	1	-21.39	5	-123.05	5	-97.06	28	-25.60	28	-14.11	19	160.95	9	-34.91	28
1	Min.	-507	-113.56	1	-26.64	5	-133.91	5	-0.84	29	-19.13	28	-13.24	19	160.95	9	-34.80	28
1	Min.	-547	-160.96	5	-11.24	5	-137.53	5	-7.68	29	-28.64	28	-17.74	18	161.06	9	-34.80	28
1	Min.	-546	-161.44	5	-6.03	5	-126.67	5	-104.01	28	-35.16	28	-18.57	18	161.06	9	-34.91	28
1	Max	37	20.54	5	700.44	5	81.70	5	5.59	5	38.32	5	1.15	19	85.74	18	229.02	5
1	Max	-479	11.95	5	786.34	5	37.10	5	4.58	5	46.13	5	7.42	19	85.74	18	228.76	5
1	Max	-519	24.31	5	789.83	5	40.20	5	19.17	18	55.36	5	15.40	18	82.57	18	228.76	5
1	Max	-518	15.77	5	703.93	5	84.81	5	12.01	5	47.41	5	9.05	19	82.57	18	229.02	5
1	Min.	37	-20.54	5	-700.35	5	-81.71	5	-27.62	5	-113.53	5	-16.02	5	30.35	5	30.70	5
1	Min.	-479	-11.95	5	-786.24	5	-37.11	5	-12.12	5	-113.86	5	-13.62	5	30.35	5	30.81	5
1	Min.	-519	-24.31	5	-789.73	5	-40.21	5	9.85	9	-29.92	5	-0.37	5	27.75	5	30.81	5
1	Min.	-518	-15.77	5	-703.84	5	-84.82	5	-3.82	5	-29.38	5	-5.30	5	27.75	5	30.70	5
1	Max	41	3.13	5	295.16	5	59.30	5	-12.76	5	-31.98	5	14.35	18	168.55	18	302.44	18
1	Max	-595	2.94	5	293.45	5	13.10	5	-1.20	30	-23.83	5	28.49	18	168.55	18	299.28	18
1	Max	-635	5.95	5	293.71	5	12.74	5	18.25	18	0.23	5	39.84	18	169.86	18	299.28	18
1	Max	-634	6.14	5	295.42	5	58.92	5	-1.44	5	-7.42	5	25.70	18	169.86	18	302.44	18
1	Min.	41	-3.13	5	-295.13	5	-59.31	5	-26.86	18	-71.32	18	-5.28	5	78.97	5	149.11	5
1	Min.	-595	-2.94	5	-293.42	5	-13.10	5	-3.60	19	-56.75	18	2.06	5	78.97	5	147.30	5
1	Min.	-635	-5.95	5	-293.68	5	-12.75	5	9.03	9	-14.25	5	7.24	5	78.54	5	147.30	5
1	Min.	-634	-6.14	5	-295.39	5	-58.93	5	-6.20	14	-25.75	33	-0.08	5	78.54	5	149.11	5
1	Max	-702	430.42	5	6.35	5	138.42	5	405.81	18	13.74	19	-1.98	5	92.20	28	37.96	33
1	Max	-703	431.11	5	13.16	5	144.88	5	428.83	18	14.21	19	-0.82	5	92.20	28	37.25	33
1	Max	-742	481.08	5	18.15	5	104.19	5	432.57	18	13.58	19	-1.66	5	92.47	28	37.25	33
1	Max	-741	480.39	5	11.33	5	97.73	5	409.39	18	13.30	19	-2.84	5	92.47	28	37.96	33
1	Min.	-702	-430.35	5	-6.36	5	-138.44	5	184.40	31	-6.93	28	-12.89	18	40.58	9	7.78	14
1	Min.	-703	-431.04	5	-13.16	5	-144.90	5	200.76	9	-6.07	28	-9.25	18	40.58	9	6.88	14
1	Min.	-742	-481.01	5	-18.15	5	-104.21	5	201.77	9	-0.13	28	-10.67	18	40.76	9	6.88	14
1	Min.	-741	-480.31	5	-11.33	5	-97.75	5	185.47	31	-0.88	28	-14.31	18	40.76	9	7.78	14
1	Max	-743	5.75	5	431.77	5	65.41	5	6.88	19	442.59	18	6.41	18	-6.96	9	55.72	28
1	Max	-783	16.77	5	542.13	5	57.78	5	7.45	18	452.22	18	8.88	13	-6.96	9	56.93	28
1	Max	-782	8.25	5	541.26	5	54.10	5	7.70	18	440.46	18	13.06	18	-7.03	9	56.93	28
1	Max	-742	2.96	5	430.90	5	61.73	5	7.00	19	431.28	18	10.71	18	-7.03	9	55.72	28
1	Min.	-743	-5.75	5	-431.71	5	-65.40	5	-3.65	28	208.26	9	0.16	5	-26.13	33	18.35	5
1	Min.	-783	-16.77	5	-542.05	5	-57.77	5	1.66	5	210.89	9	1.52	5	-26.13	33	18.78	5
1	Min.	-782	-8.25	5	-541.18	5	-54.09	5	1.78	5	203.80	9	3.08	5	-26.25	33	18.78	5
1	Min.	-742	-2.96	5	-430.84	5	-61.72	5	-3.69	28	201.30	9	1.73	5	-26.25	33	18.35	5
1	Max	-704	330.12	5	7.30	5	159.62	5	441.59	18	14.57	19	0.00	5	8.27	29	34.34	33
1	Max	-705	331.90	5	24.88	5	161.51	5	431.43	18	12.13	19	1.77	5	8.27	29	33.55	33
1	Max	-744	362.46	5	27.93	5	113.54	5	434.27	18	11.19	19	1.31	5	8.30	29	33.55	33
1	Max	-743	360.67	5	10.33	5	111.64	5	444.40	18	13.84	19	-0.45	5	8.30	29	34.34	33
1	Min.	-704	-330.07	5	-7.30	5	-159.65	5	208.05	9	-5.07	28	-6.11	18	-25.47	18	4.15	14
1	Min.	-705	-331.85	5	-24.88	5	-161.54	5	205.70	9	-6.23	28	-4.53	5	-25.47	18	3.16	14
1	Min.	-744	-362.40	5	-27.92	5	-113.55	5	206									

Relazione di Calcolo – Ponte Torrente Gogna

1	Max	-468	213.22	5	34.75	5	123.35	5	113.47	18	-7.50	5	16.48	28	295.01	13	32.24	18
1	Max	-507	113.33	1	19.03	5	125.67	5	118.93	18	-2.24	19	6.66	5	295.16	13	32.24	18
1	Max	-506	113.03	1	12.25	5	119.08	5	6.88	19	-5.61	19	6.94	28	295.16	13	32.46	18
1	Min.	-467	-212.56	5	-27.94	5	-116.80	5	-96.30	28	-25.46	28	-8.92	19	157.08	9	-5.27	29
1	Min.	-468	-213.26	5	-34.75	5	-123.39	5	0.34	29	-24.99	28	-5.60	19	157.08	9	-5.17	29
1	Min.	-507	-113.33	1	-19.03	5	-125.71	5	-1.33	29	-24.05	28	-11.98	19	157.02	9	-5.17	29
1	Min.	-506	-113.03	1	-12.25	5	-119.12	5	-97.25	28	-24.55	28	-15.30	19	157.02	9	-5.27	29
1	Max	-566	331.55	1	12.57	1	240.01	5	727.95	18	89.16	19	12.92	13	0.37	1	213.40	18
1	Max	-567	331.78	1	9.43	1	235.81	5	697.12	18	90.18	19	14.98	13	0.37	1	214.01	18
1	Max	-604	339.04	1	8.72	1	230.63	5	712.83	18	123.78	19	14.86	13	-0.07	1	214.01	18
1	Max	-603	338.81	1	13.96	1	234.83	5	743.93	18	122.62	19	12.81	13	-0.07	1	213.40	18
1	Min.	-566	-331.44	1	-12.59	1	-240.07	5	186.07	1	-14.77	28	-5.41	5	-104.22	18	-11.96	1
1	Min.	-567	-331.67	1	-9.45	1	-235.86	5	182.87	1	-15.07	28	-3.63	5	-104.22	18	-12.79	1
1	Min.	-604	-338.89	1	-8.73	1	-230.67	5	186.06	1	-14.08	28	-3.03	5	-105.29	18	-12.79	1
1	Min.	-603	-338.66	1	-13.97	1	-234.87	5	189.38	1	-13.74	28	-4.13	5	-105.29	18	-11.96	1
1	Max	-469	166.57	5	37.81	5	149.11	5	230.01	18	-1.46	5	10.37	5	198.72	13	20.00	19
1	Max	-470	167.34	5	45.46	5	154.43	5	310.67	18	1.66	5	10.12	5	198.72	13	19.88	19
1	Max	-509	88.53	1	31.51	5	160.29	5	313.21	18	4.90	19	6.23	5	198.91	13	19.88	19
1	Max	-508	88.26	1	23.89	5	154.87	5	232.48	18	1.88	19	6.48	5	198.91	13	20.00	19
1	Min.	-469	-166.59	5	-37.81	5	-149.15	5	78.41	29	-18.06	28	-6.97	14	104.97	9	-14.57	28
1	Min.	-470	-167.37	5	-45.46	5	-154.47	5	135.74	29	-15.82	28	-4.94	14	104.97	9	-14.46	28
1	Min.	-509	-88.53	1	-31.51	5	-160.24	5	133.39	29	-19.63	28	-8.15	14	104.95	9	-14.46	28
1	Min.	-508	-88.26	1	-23.89	5	-154.91	5	76.13	29	-21.91	28	-10.18	14	104.95	9	-14.57	28
1	Max	-487	292.67	1	19.17	5	237.04	5	676.38	18	30.89	19	15.52	14	0.66	1	223.97	18
1	Max	-488	292.96	1	27.95	5	229.07	5	653.28	18	28.82	19	17.78	13	0.66	1	224.15	18
1	Max	-528	318.49	1	19.71	5	241.31	5	690.34	18	97.01	19	15.58	13	0.67	1	224.15	18
1	Max	-527	318.20	1	13.90	1	249.51	5	713.83	18	99.01	19	13.20	13	0.67	1	223.97	18
1	Min.	-487	-292.70	1	-19.18	5	-237.10	5	186.40	1	-13.56	28	-11.05	18	-66.72	18	-5.18	5
1	Min.	-488	-292.99	1	-27.96	5	-229.13	5	183.76	1	-14.94	28	-6.85	5	-66.72	18	-5.19	5
1	Min.	-528	-318.42	1	-19.71	5	-241.37	5	184.41	1	-15.48	28	-4.89	5	-67.82	18	-5.19	5
1	Min.	-527	-318.13	1	-13.90	1	-249.58	5	187.08	1	-14.05	28	-10.98	19	-67.82	18	-5.18	5
1	Max	-451	291.53	1	47.79	5	189.58	5	621.84	18	30.93	19	18.18	14	-29.68	1	116.62	19
1	Max	-452	292.05	1	46.81	5	184.75	5	580.34	18	28.55	19	30.48	19	-29.68	1	116.80	19
1	Max	-489	278.95	1	35.38	5	195.28	5	610.63	18	52.57	19	31.71	19	-29.54	1	116.80	19
1	Max	-488	278.46	1	36.35	5	199.50	5	652.62	18	54.87	19	18.04	13	-29.54	1	116.62	19
1	Min.	-451	-291.63	1	-47.79	5	-189.63	5	184.37	1	-12.24	28	-9.41	5	-115.70	18	-11.25	28
1	Min.	-452	-292.15	1	-46.81	5	-184.79	5	171.65	1	-13.40	28	-9.47	5	-115.70	18	-11.37	28
1	Min.	-489	-278.97	1	-35.37	5	-195.33	5	170.69	1	-16.61	28	-6.70	5	-117.11	18	-11.37	28
1	Min.	-488	-278.49	1	-36.34	5	-199.56	5	183.37	1	-15.39	28	-6.84	5	-117.11	18	-11.25	28
1	Max	-335	523.59	5	58.75	5	64.10	5	584.12	18	7.21	5	15.71	14	-3.77	1	106.75	19
1	Max	-336	522.69	5	47.25	5	82.09	5	564.04	18	6.65	5	15.68	14	-3.77	1	106.93	19
1	Max	-372	374.29	5	32.05	5	95.34	5	582.17	18	5.37	14	16.66	14	-3.47	1	106.93	19
1	Max	-371	375.19	5	43.55	5	77.35	5	602.27	18	5.67	5	16.68	14	-3.47	1	106.75	19
1	Min.	-335	-523.88	5	-58.73	5	-64.11	5	190.59	1	-23.27	18	-15.03	5	-60.17	18	-31.23	28
1	Min.	-336	-522.97	5	-47.24	5	-82.09	5	187.75	1	-25.98	18	-14.68	5	-60.17	18	-31.59	28
1	Min.	-372	-374.53	5	-32.04	5	-95.36	5	184.75	1	-10.03	23	-13.20	5	-60.25	18	-31.59	28
1	Min.	-371	-375.43	5	-43.53	5	-77.37	5	187.34	1	-9.45	23	-13.55	5	-60.25	18	-31.23	28
1	Max	-297	656.29	5	44.51	5	36.69	5	557.45	18	6.38	5	14.34	14	-37.79	1	70.46	19
1	Max	-298	654.43	5	27.49	5	50.06	5	508.92	18	5.56	5	14.86	19	-37.79	1	71.32	19
1	Max	-337	563.93	5	18.35	5	58.47	5	516.48	18	3.49	5	17.05	19	-37.64	1	71.32	19
1	Max	-336	565.79	5	35.42	5	45.10	5	565.04	18	4.24	5	15.35	14	-37.64	1	70.46	19
1	Min.	-297	-656.60	5	-44.51	5	-36.70	5	188.15	1	-17.41	18	-16.17	5	-129.61	18	-39.11	28
1	Min.	-298	-654.74	5	-27.49	5	-50.06	5	174.28	1	-17.96	18	-16.17	5	-129.61	18	-40.55	28
1	Min.	-337	-564.21	5	-18.34	5	-58.48	5	172.52	1	-13.53	18	-15.02	5	-129.71	18	-40.55	28
1	Min.	-336	-566.07	5	-35.41	5	-45.12	5	186.26	1	-13.09	18	-15.01	5	-129.71	18	-39.11	28
1	Max	-258	872.61	5	20.00	5	11.32	5	547.16	18	5.59	28	11.03	14	-29.99	1	36.58	19
1	Max	-259	873.44	5	26.11	5	9.65	5	499.27	18	5.28	28	9.89	14	-29.99	1	36.68	19
1	Max	-298	652.24	5	4.01	5	26.89	5	510.50	18	1.75	14	13.52	14	-29.87	1	36.68	19
1	Max	-297	651.41	5	5.17	1	29.01	5	558.42	18	1.74	5	14.66	14	-29.87	1	36.58	19
1	Min.	-258	-873.01	5	-20.00	5	-11.33	5	189.74	1	-8.47	19	-17.82	5	-126.25	18	-27.38	28
1	Min.	-259	-873.84	5	-26.12	5	-9.66	5	175.68	1	-8.15	19	-18.81	5	-126.25	18	-27.68	28
1	Min.	-298	-652.55	5	-4.00	5	-26.89	5	174.07	1	-4.85	18	-16.66	5	-126.36	18	-27.68	28
1	Min.	-297	-651.73	5	-5.16	1	-29.01	5	187.85	1	-4.99	18	-15.67	5	-126.36	18	-27.38	28
1	Max	-481	24.63	5	548.29	5	167.51	5	52.53	1	58.42	14	15.98	13	305.68	18	21.87	5
1	Max	-482	35.94	1	403.99	5	194.64	5	197.35	18	37.76	5	14.62	13	305.68	18	22.14	5
1	Max	-522	56.51	1	406.76	5	206.07	5	190.63	18	36.65	14	3.92	1	304.99	18	22.14	5
1	Max	-521	52.33	5	550.26	5	178.35	5	55.82	1	59.48	14	9.38	1	304.99	18	21.87	5
1	Min.	-481	-24.64	5	-548.32	5	-167.53	5	-25.92	1	-31.86	5	-36.79	19	67.92	1	-88.33	18
1	Min.	-482	-35.95	1	-404.01	5	-194.72	5	38.86	1	-33.13	5	-40.07	19	67.92	1	-85.72	18
1	Min.	-522	-56.48	1	-406.77	5	-206.15	5	31.14	1	-26.68	5	-59.96	18	68.22	1	-85.72	18
1	Min.	-521	-52.31	5	-550.28	5	-178.37	5	-31.80	1	-25.47	5	-56.78	18	68.22	1	-88.33	18
1	Max	-481	545.89	5	13.44	1	98.11	5	63.40	14	26.27	18	47.37	19	145.95	18	114.47	18
1	Max	-521	546.23	5	14.39	1	88.65	5	53.81	14	13.55	1	44.63	18	145.95	18	104.52	18
1	Max	-520	633.60	5	6.00	5	30.13	1	47.74	14	5.25	1	41.69	18	146.57	18	104.52	18
1	Max	-480	633.27	5	2.68	5	18.85	1	63.00	5	13.42	13	45.18	19	146.57	18	114.47	18
1	Min.	-481	-545.92	5	-13.44	1	-98.13	5	-32.53	5	2.08	1	-2.56	5	-21.32	5	-5.95	14
1	Min.	-521	-546.25	5	-14.39	1	-88.66	5	-22.52	5	-28.57	14	-14.88	1	-21.32	5	-7.95	14
1	Min.	-520	-633.70	5	-6.00	5	-30.11	1	-29.78	1	-20.78	13	-19.26	14</				

Relazione di Calcolo – Ponte Torrente Gogna

1 Max	-543	4.95	5	173.81	1	66.14	5	-16.88	29	-148.22	9	0.27	19	127.34	28	8.79	19
1 Max	-503	12.29	5	146.18	1	67.94	5	19.53	29	-145.58	9	15.14	18	123.79	28	9.20	19
1 Min.	-504	-15.94	5	-146.41	1	-76.19	5	5.06	5	-360.40	28	-17.10	29	36.74	5	-270.16	28
1 Min.	-544	-1.53	5	-173.79	1	-77.00	5	-24.06	13	-378.56	28	-32.03	28	38.81	5	-271.73	28
1 Min.	-543	-4.95	5	-173.78	1	-66.10	5	-41.82	13	-294.83	13	-46.60	28	38.44	5	-267.92	28
1 Min.	-503	-12.29	5	-146.19	1	-67.89	5	-10.69	18	-284.85	13	-28.69	29	36.36	5	-266.23	28
1 Max	-504	135.41	1	13.85	5	85.14	5	-175.53	9	29.36	29	40.09	28	292.59	18	-41.18	5
1 Max	-505	135.60	1	17.54	5	96.63	5	-105.79	9	10.30	29	23.10	28	292.59	18	-41.05	5
1 Max	-545	167.97	5	0.77	5	99.30	5	-110.44	9	-16.06	9	-4.90	29	293.56	18	-41.05	5
1 Max	-544	168.31	5	3.18	5	87.81	5	-180.50	9	-9.79	5	10.95	29	293.56	18	-41.18	5
1 Min.	-504	-135.42	1	-13.85	5	-85.18	5	-344.87	28	5.61	20	-4.96	19	136.09	30	-166.22	28
1 Min.	-505	-135.61	1	-17.54	5	-96.67	5	-242.49	28	-1.00	5	-10.08	19	136.09	30	-165.66	28
1 Min.	-545	-167.94	5	-0.77	5	-99.34	5	-268.15	28	-45.54	28	-29.99	13	136.70	30	-165.66	28
1 Min.	-544	-168.28	5	-3.18	5	-87.85	5	-370.85	28	-24.21	28	-23.68	18	136.70	30	-166.22	28
1 Max	-510	80.04	1	34.63	5	201.79	5	374.67	18	4.41	5	6.01	5	93.60	28	30.60	18
1 Max	-511	80.30	1	28.41	5	217.35	5	405.53	18	6.62	5	6.16	5	93.60	28	30.51	18
1 Max	-551	160.18	5	17.85	5	221.67	5	410.91	18	13.55	19	3.54	5	93.49	28	30.51	18
1 Max	-550	159.52	5	24.07	5	206.10	5	379.99	18	12.50	19	3.35	5	93.49	28	30.60	18
1 Min.	-510	-80.03	1	-34.64	5	-201.83	5	176.32	31	-16.25	28	-5.83	14	44.39	9	-5.33	29
1 Min.	-511	-80.29	1	-28.42	5	-217.40	5	197.75	9	-14.47	28	-5.37	5	44.39	9	-5.25	29
1 Min.	-551	-160.16	5	-17.86	5	-221.71	5	198.11	9	-15.94	28	-5.29	5	44.36	9	-5.25	29
1 Min.	-550	-159.50	5	-24.08	5	-206.15	5	176.19	31	-17.75	28	-8.01	13	44.36	9	-5.33	29
1 Max	-512	88.63	5	14.36	5	252.85	5	417.67	18	8.79	5	5.98	5	7.13	29	26.63	18
1 Max	-513	91.44	5	13.67	5	266.84	5	410.35	18	10.92	5	5.52	5	7.13	29	26.51	18
1 Max	-553	156.87	5	20.21	5	266.48	5	414.66	18	12.97	19	3.89	5	7.09	29	26.51	18
1 Max	-552	154.07	5	7.81	5	252.48	5	421.91	18	13.69	19	4.13	5	7.09	29	26.63	18
1 Min.	-512	-88.63	5	-14.36	5	-252.89	5	205.17	9	-13.68	28	-5.92	5	-18.31	18	-3.64	5
1 Min.	-513	-91.43	5	-13.67	5	-266.88	5	203.44	9	-13.19	28	-5.46	5	-18.31	18	-3.62	5
1 Min.	-553	-156.85	5	-20.21	5	-266.52	5	203.43	9	-13.56	28	-3.83	5	-18.13	18	-3.62	5
1 Min.	-552	-154.05	5	-7.81	5	-252.52	5	205.30	9	-14.07	28	-4.07	5	-18.13	18	-3.64	5
1 Max	-518	5.47	5	505.54	5	85.88	5	21.81	18	52.93	5	13.38	19	-13.17	5	14.07	5
1 Max	-519	2.85	1	534.03	5	14.23	5	8.36	5	56.22	5	11.06	19	-13.17	5	14.17	5
1 Max	-559	8.47	5	535.01	5	8.53	5	-0.87	5	12.87	5	12.70	18	-11.30	5	14.17	5
1 Max	-558	5.70	5	506.51	5	80.17	5	11.62	18	9.63	5	15.46	18	-11.30	5	14.07	5
1 Min.	-518	-5.47	5	-505.47	5	-85.89	5	8.68	5	-25.23	5	-2.09	5	-68.02	18	-114.40	5
1 Min.	-519	-2.85	1	-533.97	5	-14.24	5	-1.25	5	-29.21	5	-3.31	28	-68.02	18	-114.54	5
1 Min.	-559	-8.47	5	-534.94	5	-8.53	5	-3.27	19	-22.92	5	-7.09	5	-64.46	18	-114.54	5
1 Min.	-558	-5.70	5	-506.45	5	-80.18	5	3.72	5	-18.97	5	-6.72	5	-64.46	18	-114.40	5
1 Max	-355	538.35	5	36.64	5	76.54	5	313.40	18	2.24	5	14.99	5	150.66	13	2.89	19
1 Max	-356	539.45	5	47.53	5	70.83	5	372.51	18	5.17	5	14.22	5	150.66	13	2.94	19
1 Max	-394	396.01	5	33.19	5	80.88	5	371.31	18	2.89	5	12.96	5	150.55	13	2.94	19
1 Max	-393	394.90	5	22.35	5	86.59	5	312.25	18	-0.04	5	13.74	5	150.55	13	2.89	19
1 Min.	-355	-538.43	5	-36.64	5	-76.56	5	143.92	29	-7.21	13	-2.88	5	80.09	9	-34.68	28
1 Min.	-356	-539.54	5	-47.53	5	-70.85	5	182.71	31	-3.46	13	-4.88	5	80.09	9	-34.19	28
1 Min.	-394	-396.07	5	-33.19	5	-80.90	5	180.52	31	-9.16	28	-5.19	5	80.02	9	-34.19	28
1 Min.	-393	-394.96	5	-22.35	5	-86.61	5	141.31	29	-12.77	28	-3.18	5	80.02	9	-34.68	28
1 Max	-393	397.47	5	47.94	5	105.26	5	312.59	18	1.78	5	13.63	5	147.04	13	10.30	19
1 Max	-394	398.18	5	54.93	5	114.02	5	370.87	18	4.70	5	13.05	5	147.04	13	10.30	19
1 Max	-434	207.38	5	35.86	5	129.45	5	371.12	18	3.81	5	10.38	5	146.99	13	10.30	19
1 Max	-433	206.67	5	28.93	5	120.69	5	312.87	18	0.84	5	10.95	5	146.99	13	10.30	19
1 Min.	-393	-397.53	5	-47.95	5	-105.29	5	141.38	29	-11.54	13	-3.41	5	78.44	9	-25.10	28
1 Min.	-394	-398.24	5	-54.94	5	-114.05	5	180.68	31	-8.52	13	-4.99	5	78.44	9	-24.93	28
1 Min.	-434	-207.41	5	-35.86	5	-129.48	5	178.09	31	-14.39	28	-5.45	5	78.29	9	-24.93	28
1 Min.	-433	-206.70	5	-28.93	5	-120.72	5	138.05	29	-17.08	28	-4.33	14	78.29	9	-25.10	28
1 Max	-433	208.01	5	42.25	5	139.35	5	313.05	18	1.41	5	10.95	5	145.84	13	15.93	19
1 Max	-434	208.94	5	51.44	5	138.82	5	370.66	18	4.76	5	10.37	5	145.84	13	15.63	19
1 Max	-471	140.29	5	44.58	5	157.69	5	371.33	18	4.60	5	9.14	5	145.87	13	15.63	19
1 Max	-470	139.36	5	35.41	5	158.22	5	313.71	18	1.31	5	9.72	5	145.87	13	15.93	19
1 Min.	-433	-208.04	5	-42.25	5	-139.38	5	138.04	29	-14.81	28	-4.62	14	76.98	9	-18.88	28
1 Min.	-434	-208.97	5	-51.45	5	-138.85	5	178.19	31	-11.97	28	-5.26	5	76.98	9	-18.10	28
1 Min.	-471	-140.31	5	-44.58	5	-157.73	5	177.41	31	-14.59	28	-5.31	5	76.96	9	-18.10	28
1 Min.	-470	-139.39	5	-35.41	5	-158.26	5	137.07	29	-17.60	28	-5.50	14	76.96	9	-18.88	28
1 Max	-314	762.41	5	23.10	5	32.15	5	-110.53	9	-44.96	5	-0.31	29	539.91	13	50.27	13
1 Max	-315	762.54	5	24.25	5	36.03	5	9.06	19	-15.16	29	11.75	28	539.91	13	52.67	13
1 Max	-352	667.25	5	14.73	5	54.71	5	16.80	19	-15.32	5	30.29	28	539.56	13	52.67	13
1 Max	-351	667.11	5	13.59	5	50.83	5	-103.84	9	-45.11	5	14.51	28	539.56	13	50.27	13
1 Min.	-314	-762.54	5	-23.10	5	-32.17	5	-218.76	28	-85.23	13	-25.00	13	299.61	9	10.53	29
1 Min.	-315	-762.68	5	-24.26	5	-36.04	5	-60.31	28	-33.24	13	-7.60	14	299.61	9	14.17	29
1 Min.	-352	-667.37	5	-14.73	5	-54.73	5	-51.22	28	-33.05	13	3.79	19	299.36	9	14.17	29
1 Min.	-351	-667.23	5	-13.59	5	-50.85	5	-209.44	28	-85.56	13	-9.78	14	299.36	9	10.53	29
1 Max	-315	731.98	5	21.44	5	40.78	5	2.24	19	-15.61	5	20.50	28	361.95	13	-9.19	19
1 Max	-316	732.71	5	28.50	5	41.17	5	128.81	18	-6.51	29	12.64	28	361.95	13	-10.16	5
1 Max	-353	641.16	5	19.35	5	54.78	5	126.43	18	-9.24	5	13.60	28	362.18	13	-10.16	5
1 Max	-352	640.43	5	12.31	5	54.38	5	0.76	19	-17.54	5	21.46	28	362.18	13	-9.19	19
1 Min.	-315	-732.11	5	-21.44	5	-40.80	5	-77.42	28	-33.44	13	-1.61	14	198.85	9	-52.51	28
1 Min.	-316	-732.84	5	-28.51	5	-41.19	5	24.34	29	-18.67	13	-4.20	14	198.85	9	-52.52	28
1 Min.	-353	-641.27	5	-19.35	5	-54.80	5	19.86	29	-22.63	13	-4.74	14	198.94	9	-52.52	28
1 Min.	-352	-640.54	5	-12.31	5	-54.40	5	-82.88	28	-36.97	13	-2.15	14	198.94	9	-52.51	28
1 Max	-316	700.80	5	25.54	5	37.30	5	120.70	18	-7.11	29	12.92	28	288.82	13	9.18	14
1 Max	-317	700.92	5	26.50	5	40.89	5	231.34	18	-0.34	5	15.91	28	288.82	13	10.23	14
1 Max	-354	608.47	5	17.26	5	65.04	5	234.33	18	-2.39	5	16.38					

Relazione di Calcolo – Ponte Torrente Gogna

1 Max	-314	759.59	5	5.22	5	19.03	5	-103.51	9	-24.41	5	0.42	29	389.01	13	-9.63	5
1 Min.	-275	-985.08	5	-17.59	5	-18.93	5	-221.65	28	-12.85	13	-15.76	13	213.58	9	-40.51	28
1 Min.	-276	-985.63	5	-22.82	5	-19.53	5	-84.78	28	-3.81	5	-3.40	5	213.58	9	-39.54	28
1 Min.	-315	-760.28	5	-0.53	1	-19.63	5	-69.97	28	-36.75	13	-8.68	14	213.77	9	-39.54	28
1 Min.	-314	-759.73	5	-5.21	5	-19.04	5	-206.67	28	-46.61	28	-23.21	13	213.77	9	-40.51	28
1 Max	-276	949.23	5	19.41	5	17.27	5	-3.07	19	-5.62	29	12.08	28	342.95	13	2.94	5
1 Max	-277	949.36	5	20.47	5	18.41	5	115.22	18	3.02	28	18.43	28	342.95	13	3.45	5
1 Max	-316	729.71	5	1.75	5	25.51	5	126.29	18	-6.14	5	19.74	28	342.42	13	3.45	5
1 Max	-315	729.59	5	2.78	5	24.37	5	4.90	19	-13.50	5	13.39	28	342.42	13	2.94	5
1 Min.	-276	-949.39	5	-19.41	5	-17.28	5	-81.49	28	-12.96	13	-5.54	5	188.10	9	-18.62	28
1 Min.	-277	-949.52	5	-20.48	5	-18.41	5	18.01	29	-1.26	5	-0.18	5	188.10	9	-17.77	28
1 Min.	-316	-729.84	5	-1.75	5	-25.52	5	21.69	29	-13.87	13	0.25	5	187.66	9	-17.77	28
1 Min.	-315	-729.71	5	-2.78	5	-24.38	5	-74.08	28	-26.90	28	-6.30	14	187.66	9	-18.62	28
1 Max	-277	910.13	5	16.81	5	23.04	5	120.64	18	0.77	29	23.18	28	262.64	13	-2.31	14
1 Max	-278	910.91	5	24.36	5	22.61	5	229.29	18	2.56	28	22.12	28	262.64	13	-2.14	14
1 Max	-317	698.59	5	3.14	5	21.22	5	230.54	18	-2.98	5	14.35	5	262.04	13	-2.14	14
1 Max	-316	697.81	5	4.69	5	21.64	5	122.15	18	-4.58	5	14.98	28	262.04	13	-2.31	14
1 Min.	-277	-910.27	5	-16.81	5	-23.05	5	20.07	29	-3.10	5	2.67	5	142.47	9	-25.91	28
1 Min.	-278	-911.05	5	-24.36	5	-22.62	5	91.01	29	-1.14	5	2.81	5	142.47	9	-25.26	28
1 Min.	-317	-698.70	5	-3.14	5	-21.22	5	88.57	29	-8.59	28	-2.45	5	142.06	9	-25.26	28
1 Min.	-316	-697.92	5	-4.69	5	-21.65	5	18.00	29	-11.61	33	-2.59	5	142.06	9	-25.91	28
1 Max	-278	872.86	5	20.79	5	17.08	5	230.69	18	1.58	28	20.46	28	208.18	13	-0.52	14
1 Max	-279	872.83	5	20.18	5	17.89	5	314.80	18	4.88	28	19.36	5	208.18	13	-0.32	14
1 Max	-318	662.23	5	1.15	5	28.25	5	314.60	18	-0.08	5	16.15	5	207.39	13	-0.32	14
1 Max	-317	662.26	5	0.60	1	27.43	5	230.80	18	-2.32	5	15.59	28	207.39	13	-0.52	14
1 Min.	-278	-873.00	5	-20.79	5	-17.08	5	91.13	29	-1.75	5	1.58	5	111.65	9	-23.68	28
1 Min.	-279	-872.96	5	-20.18	5	-17.89	5	147.72	29	0.77	5	0.82	5	111.65	9	-23.08	28
1 Min.	-318	-662.33	5	-1.15	5	-28.25	5	145.19	29	-4.19	28	-2.00	5	111.20	9	-23.08	28
1 Min.	-317	-662.37	5	-0.60	1	-27.44	5	88.96	29	-8.01	33	-1.23	5	111.20	9	-23.68	28
1 Max	-279	834.95	5	16.64	5	24.91	5	316.21	18	4.63	28	19.61	5	144.09	13	-3.48	14
1 Max	-280	836.13	5	28.25	5	21.98	5	375.61	18	5.21	28	18.68	5	144.09	13	-3.33	14
1 Max	-319	628.75	5	7.52	5	16.44	5	372.44	18	0.68	5	14.97	5	143.45	13	-3.33	14
1 Max	-318	627.56	5	4.36	5	19.37	5	313.30	18	0.22	5	15.89	5	143.45	13	-3.48	14
1 Min.	-279	-835.07	5	-16.64	5	-24.92	5	148.61	29	0.61	5	1.04	5	74.85	9	-27.63	28
1 Min.	-280	-836.26	5	-28.25	5	-21.99	5	185.58	9	1.18	5	-1.32	5	74.85	9	-27.17	28
1 Min.	-319	-628.84	5	-7.52	5	-16.44	5	182.96	31	-3.30	28	-4.60	5	74.55	9	-27.17	28
1 Min.	-318	-627.66	5	-4.35	5	-19.37	5	144.66	29	-4.24	33	-2.24	5	74.55	9	-27.63	28
1 Max	-626	249.06	5	7.43	5	203.51	5	394.85	18	14.91	19	0.98	5	93.75	28	33.52	18
1 Max	-627	249.83	5	0.59	1	213.71	5	417.26	18	16.16	19	1.47	5	93.75	28	33.38	18
1 Max	-666	338.57	5	9.07	5	202.51	5	423.81	18	22.06	19	0.31	5	93.87	28	33.38	18
1 Max	-665	337.80	5	1.54	5	192.31	5	401.18	18	20.86	19	-0.29	5	93.87	28	33.52	18
1 Min.	-626	-249.03	5	-7.43	5	-203.55	5	183.23	31	-16.81	28	-9.40	18	42.52	9	0.45	5
1 Min.	-627	-249.79	5	-0.60	1	-213.75	5	199.02	9	-14.71	28	-6.46	13	42.52	9	0.40	5
1 Min.	-666	-338.51	5	-9.07	5	-202.55	5	199.92	9	-10.74	28	-7.64	18	42.70	9	0.40	5
1 Min.	-665	-337.75	5	-1.54	5	-192.35	5	184.03	31	-12.83	28	-10.64	18	42.70	9	0.45	5
1 Max	-550	159.50	5	5.52	5	206.99	5	379.85	18	9.15	19	2.22	5	98.69	28	45.37	18
1 Max	-551	158.40	5	16.85	5	219.81	5	409.47	18	10.37	19	3.22	5	100.35	28	48.01	18
1 Max	-588	201.45	5	13.36	5	228.02	5	413.59	18	16.21	19	2.18	5	100.15	28	42.58	18
1 Max	-587	203.26	5	5.22	5	223.04	5	391.31	18	14.73	19	1.18	5	97.94	28	39.06	18
1 Min.	-550	-159.48	5	-5.52	5	-207.03	5	175.61	31	-17.90	28	-10.49	13	44.40	9	-0.67	29
1 Min.	-551	-158.38	5	-16.85	5	-219.85	5	197.86	9	-15.59	28	-5.69	5	45.72	9	-1.18	29
1 Min.	-588	-201.42	5	-13.36	5	-228.07	5	198.56	9	-15.19	28	-6.21	13	45.64	9	0.23	29
1 Min.	-587	-203.23	5	-5.22	5	-223.08	5	181.94	31	-16.83	28	-9.12	13	43.86	9	0.90	29
1 Max	-394	352.16	5	50.39	5	121.12	5	371.27	18	4.61	5	12.92	5	91.47	13	10.35	19
1 Max	-395	353.10	5	59.77	5	117.58	5	402.61	18	6.56	5	12.42	5	91.47	13	10.35	19
1 Max	-435	174.58	5	41.93	5	127.90	5	402.88	18	5.90	5	10.02	5	91.41	13	10.35	19
1 Max	-434	173.64	5	32.60	5	131.44	5	371.57	18	3.91	5	10.51	5	91.41	13	10.35	19
1 Min.	-394	-352.21	5	-50.39	5	-121.15	5	180.65	31	-8.23	13	-5.32	5	46.94	9	-23.71	28
1 Min.	-395	-353.15	5	-59.77	5	-117.61	5	200.15	9	-6.63	13	-6.81	5	46.94	9	-23.57	28
1 Min.	-435	-174.61	5	-41.93	5	-127.93	5	198.82	9	-12.88	28	-6.61	5	46.75	9	-23.57	28
1 Min.	-434	-173.67	5	-32.60	5	-131.47	5	178.51	31	-14.33	28	-5.12	5	46.75	9	-23.71	28
1 Max	-434	175.20	5	48.10	5	140.81	5	371.57	18	4.69	5	10.43	5	89.52	13	15.88	19
1 Max	-435	175.69	5	53.01	5	158.81	5	402.64	18	6.73	5	10.09	5	89.52	13	15.77	19
1 Max	-472	102.27	5	45.66	5	184.59	5	403.45	18	6.65	5	8.75	5	89.52	13	15.88	19
1 Max	-471	101.78	5	40.77	5	166.59	5	372.38	18	4.62	5	9.09	5	89.52	13	15.88	19
1 Min.	-434	-175.23	5	-48.10	5	-140.85	5	178.53	31	-11.87	28	-5.32	5	45.18	9	-18.47	28
1 Min.	-435	-175.72	5	-53.01	5	-158.84	5	198.77	9	-10.92	28	-6.44	5	45.18	9	-17.83	28
1 Min.	-472	-102.29	5	-45.67	5	-184.63	5	198.38	9	-13.45	28	-6.37	5	45.12	9	-17.83	28
1 Min.	-471	-101.80	5	-40.78	5	-166.63	5	177.70	31	-14.53	28	-5.25	5	45.12	9	-18.47	28
1 Max	-357	456.61	5	44.89	5	79.67	5	403.57	18	6.26	5	14.05	5	41.22	28	3.47	19
1 Max	-358	457.61	5	54.78	5	64.11	5	416.13	18	6.70	5	13.62	5	41.22	28	3.54	19
1 Max	-396	310.93	5	40.12	5	77.46	5	415.17	18	5.10	5	12.23	5	40.84	28	3.54	19
1 Max	-395	309.93	5	30.28	5	93.02	5	402.66	18	4.66	5	12.65	5	40.84	28	3.47	19
1 Min.	-357	-456.68	5	-44.90	5	-79.69	5	201.08	9	-2.16	13	-6.56	5	15.60	9	-31.94	28
1 Min.	-358	-457.68	5	-54.79	5	-64.13	5	209.33	9	-2.39	5	-8.49	5	15.60	9	-31.60	28
1 Min.	-396	-310.98	5	-40.13	5	-77.48	5	208.08	9	-8.35	28	-8.68	5	15.53	9	-31.60	28
1 Min.	-395	-309.98	5	-30.28	5	-93.04	5	199.96	9	-8.17	28	-6.74	5	15.53	9	-31.94	28
1 Max	-395	312.49	5	55.75	5	114.30	5	402.59	18	6.23	5	12.58	5	43.04	28	10.58	19
1 Max	-396	312.93	5	60.12	5	132.33	5	415.21	18	7.29	5	12.30	5	43.04	28	10.59	19
1 Max	-436	125.65	5	41.40	5	152.29	5	415.67	18	7.36	5	9.61	5	42.55	28	10.59	19
1 Max	-435	125.20	5	37.08	5	134.26	5	403.11	18	6.24	5	9.87	5	42.55	28	10.58	19
1 Min.	-																

Relazione di Calcolo – Ponte Torrente Gogna

1 Min.	-511	-78.96	1	-25.99	5	-225.19	5	197.96	9	-14.74	28	-5.98	5	15.42	5	-3.73	5
1 Min.	-512	-79.33	1	-16.00	5	-235.10	5	206.11	9	-13.27	28	-5.58	5	15.42	5	-3.72	5
1 Min.	-552	-157.49	5	-7.77	5	-247.97	5	206.42	9	-14.12	28	-4.38	5	15.30	5	-3.72	5
1 Min.	-551	-156.47	5	-17.78	5	-238.06	5	198.35	9	-15.62	28	-4.69	5	15.30	5	-3.73	5
1 Max	-551	154.71	5	16.33	5	237.25	5	412.56	18	10.42	19	3.38	5	50.15	28	47.61	18
1 Max	-552	156.99	5	6.46	5	252.77	5	422.36	18	10.75	19	3.87	5	48.73	28	41.86	18
1 Max	-589	199.77	5	15.27	5	238.57	5	422.85	18	15.89	19	2.45	5	48.27	28	30.30	18
1 Max	-588	196.88	5	13.66	5	230.38	5	415.56	18	16.71	19	2.83	5	50.16	28	37.96	18
1 Min.	-551	-154.69	5	-16.33	5	-237.30	5	198.70	9	-15.89	28	-5.17	5	15.76	9	-0.61	5
1 Min.	-552	-156.97	5	-6.46	5	-252.82	5	206.05	9	-14.76	28	-4.53	5	12.81	19	-1.35	5
1 Min.	-589	-199.74	5	-15.27	5	-238.61	5	204.52	9	-14.19	28	-4.39	5	9.33	19	-4.06	5
1 Min.	-588	-196.85	5	-13.66	5	-230.43	5	198.91	31	-14.86	28	-5.08	5	15.78	9	-2.11	5
1 Max	-588	199.85	5	4.88	5	231.05	5	413.65	18	14.39	19	2.60	5	54.73	28	40.63	18
1 Max	-589	200.41	5	0.89	1	237.85	5	424.62	18	14.22	19	3.26	5	54.73	28	40.27	18
1 Max	-628	236.14	5	4.26	5	233.33	5	428.06	18	19.21	19	2.34	5	54.67	28	40.27	18
1 Max	-627	235.58	5	1.31	5	226.53	5	417.04	18	19.46	19	1.62	5	54.67	28	40.63	18
1 Min.	-588	-199.83	5	-4.88	5	-231.09	5	198.20	9	-15.21	28	-4.95	13	18.07	5	-0.84	5
1 Min.	-589	-200.38	5	-0.89	1	-237.90	5	205.12	9	-14.69	28	-4.03	5	18.07	5	-0.91	5
1 Min.	-628	-236.10	5	-4.26	5	-233.38	5	205.60	9	-13.83	28	-4.29	5	18.05	5	-0.91	5
1 Min.	-627	-235.55	5	-1.31	5	-226.57	5	198.71	9	-14.38	28	-5.98	13	18.05	5	-0.84	5
1 Max	-627	235.59	5	1.26	5	218.83	5	416.55	18	16.10	19	1.65	5	56.86	28	35.01	18
1 Max	-628	236.26	5	5.55	5	228.06	5	427.76	18	16.07	19	2.32	5	56.86	28	34.87	18
1 Max	-667	313.41	5	13.23	5	213.32	5	434.98	18	21.96	19	0.93	5	57.22	28	34.87	18
1 Max	-666	312.74	5	6.54	5	204.10	5	423.54	18	22.04	19	0.11	5	57.22	28	35.01	18
1 Min.	-627	-235.56	5	-1.27	5	-218.88	5	198.62	9	-14.94	28	-6.13	13	18.99	5	1.38	5
1 Min.	-628	-236.23	5	-5.55	5	-228.10	5	205.60	9	-14.10	28	-4.12	5	18.99	5	1.34	5
1 Min.	-667	-313.37	5	-13.23	5	-213.36	5	206.80	9	-9.85	28	-4.84	5	19.11	5	1.34	5
1 Min.	-666	-312.69	5	-6.54	5	-204.13	5	199.83	9	-10.67	28	-7.94	18	19.11	5	1.38	5
1 Max	-666	312.40	5	3.27	5	180.62	5	423.06	18	17.12	19	0.12	5	57.88	28	28.40	18
1 Max	-667	313.29	5	12.07	5	185.45	5	434.20	18	17.14	19	0.90	5	57.88	28	28.24	18
1 Max	-704	391.75	5	19.89	5	172.24	5	440.68	18	18.58	19	-0.11	5	58.30	28	28.24	18
1 Max	-703	390.85	5	11.06	5	167.41	5	429.28	18	18.62	19	-0.95	5	58.30	28	28.40	18
1 Min.	-666	-312.35	5	-3.27	5	-180.65	5	199.72	31	-12.31	28	-7.80	18	19.29	5	3.95	9
1 Min.	-667	-313.25	5	-12.07	5	-185.48	5	206.68	9	-11.46	28	-4.88	5	19.29	5	3.89	9
1 Min.	-704	-391.69	5	-19.88	5	-172.27	5	207.83	9	-3.24	28	-6.43	18	19.49	5	3.89	9
1 Min.	-703	-390.79	5	-11.06	5	-167.44	5	200.85	9	-4.06	28	-9.51	18	19.49	5	3.95	9
1 Max	-703	390.67	5	9.27	5	150.26	5	428.80	18	14.14	19	-1.03	5	59.22	28	36.35	33
1 Max	-704	391.06	5	13.09	5	155.12	5	440.02	18	14.46	19	-0.03	5	59.22	28	35.56	33
1 Max	-743	432.92	5	17.26	5	108.35	5	443.52	18	13.75	19	-0.43	5	59.63	28	35.56	33
1 Max	-742	432.53	5	13.44	5	103.49	5	432.14	18	13.63	19	-1.45	5	59.63	28	36.35	33
1 Min.	-703	-390.61	5	-9.28	5	-150.29	5	200.76	9	-6.16	28	-9.67	18	19.37	5	6.83	14
1 Min.	-704	-391.00	5	-13.09	5	-155.15	5	207.70	9	-5.02	28	-6.28	18	19.37	5	5.92	14
1 Min.	-743	-432.86	5	-17.26	5	-108.37	5	208.49	9	0.66	30	-6.86	18	19.54	5	5.92	14
1 Min.	-742	-432.46	5	-13.44	5	-103.51	5	201.52	9	-0.15	28	-10.25	18	19.54	5	6.83	14
1 Max	-742	1.93	5	479.46	5	62.43	5	7.04	19	431.63	18	10.46	18	-6.67	9	93.08	28
1 Max	-782	14.91	5	609.44	5	51.93	5	7.70	18	440.87	18	13.33	18	-6.67	9	94.65	28
1 Max	-781	9.51	5	608.88	5	49.46	5	7.08	18	417.19	18	17.40	18	-6.75	9	94.65	28
1 Max	-741	3.71	5	478.90	5	59.96	5	6.52	19	408.57	18	14.53	18	-6.75	9	93.08	28
1 Min.	-742	-1.93	5	-479.38	5	-62.42	5	-3.57	28	201.52	9	1.60	5	-25.09	33	40.60	9
1 Min.	-782	-14.91	5	-609.35	5	-51.92	5	1.77	5	203.94	9	3.22	5	-25.09	33	41.39	9
1 Min.	-781	-9.51	5	-608.79	5	-49.45	5	1.21	29	187.33	31	4.53	5	-25.25	33	41.39	9
1 Min.	-741	-3.71	5	-478.83	5	-59.95	5	-4.66	28	185.30	31	2.91	5	-25.25	33	40.60	9
1 Max	-320	565.59	5	41.41	5	16.74	5	404.44	18	5.97	5	14.68	5	40.87	28	-1.43	14
1 Max	-321	564.75	5	32.91	5	30.79	5	417.05	18	6.28	5	14.27	5	40.87	28	-0.98	14
1 Max	-358	454.32	5	21.87	5	70.63	5	416.03	18	4.36	5	13.63	5	40.64	28	-0.98	14
1 Max	-357	455.16	5	30.40	5	56.56	5	403.47	18	4.13	5	14.04	5	40.64	28	-1.43	14
1 Min.	-320	-565.67	5	-41.41	5	-16.75	5	201.69	9	-0.03	5	-6.29	5	15.29	9	-39.34	28
1 Min.	-321	-564.83	5	-32.91	5	-30.80	5	210.04	9	-0.22	5	-8.39	5	15.29	9	-38.10	28
1 Min.	-358	-454.39	5	-21.87	5	-70.64	5	209.22	9	-3.00	28	-8.57	5	15.24	9	-38.10	28
1 Min.	-357	-455.22	5	-30.40	5	-56.58	5	200.96	9	-3.21	13	-6.47	5	15.24	9	-39.34	28
1 Max	-281	785.01	5	16.23	5	25.28	5	407.86	18	5.71	28	16.60	5	40.88	28	-3.95	14
1 Max	-282	787.13	5	37.28	5	17.31	5	420.68	18	5.23	28	15.44	5	40.88	28	-3.87	14
1 Max	-321	562.95	5	14.87	5	2.24	1	416.75	18	1.41	5	13.90	5	40.17	28	-3.87	14
1 Max	-320	560.82	5	6.41	5	8.65	5	404.09	18	1.80	5	15.05	5	40.17	28	-3.95	14
1 Min.	-281	-785.12	5	-16.23	5	-25.28	5	203.77	9	1.62	5	-4.77	5	13.02	5	-27.50	28
1 Min.	-282	-787.24	5	-37.28	5	-17.32	5	212.40	9	1.51	14	-7.43	5	13.02	5	-27.30	28
1 Min.	-321	-563.03	5	-14.87	5	-2.25	1	209.82	9	-2.87	28	-8.67	5	13.45	5	-27.30	28
1 Min.	-320	-560.90	5	-6.41	5	-8.65	5	201.42	9	-2.53	33	-6.00	5	13.45	5	-27.50	28
1 Max	-784	5.53	5	308.87	5	60.79	5	6.61	18	442.54	18	4.39	5	21.61	33	99.00	18
1 Max	-744	2.09	5	273.68	5	68.47	5	6.25	19	436.91	18	4.72	5	21.61	33	99.00	18
1 Max	-745	15.85	5	275.10	5	67.81	5	3.46	19	397.97	18	3.91	5	21.60	33	99.00	18
1 Max	-785	19.37	5	310.28	5	60.13	5	3.04	18	403.59	18	3.52	5	21.60	33	99.00	18
1 Min.	-784	-5.53	5	-308.82	5	-60.78	5	1.43	5	207.84	9	-1.79	5	4.30	14	35.04	29
1 Min.	-744	-2.09	5	-273.64	5	-68.46	5	-3.85	28	206.74	9	-1.50	5	4.30	14	35.17	29
1 Min.	-745	-15.85	5	-275.06	5	-67.80	5	-5.97	28	190.47	9	-3.09	5	4.29	14	35.17	29
1 Min.	-785	-19.36	5	-310.24	5	-60.12	5	0.14	5	191.58	9	-3.31	5	4.29	14	35.04	29
1 Max	-785	8.38	5	197.84	5	56.77	5	3.87	18	405.43	18	2.79	5	19.14	33	166.47	18
1 Max	-745	8.46	5	197.79	5	66.97	5	3.30	19	402.99	18	4.65	5	19.14	33	166.41	18
1 Max	-746	20.62	5	199.04	5	63.41	5	0.07	14	335.76	18	4.66	5	19.18	33	166.41	18
1 Max	-786	20.62	5	199.09	5	53.22	5	0.14	5	338.18	18	2.77	5	19.18	33	166.47	18
1 Min.	-785	-8.38	5	-197.82	5	-56.76	5	0.50	5	191.27	9	-4.02	5	1.47	14	70.34	9
1 Min.	-745	-8.46	5	-197.77	5	-66.96	5	-6.30									

Relazione di Calcolo – Ponte Torrente Gogna

1 Min.	-748	-24.05	5	-25.09	5	-14.03	5	-60.95	18	58.47	9	9.58	5	75.23	9	137.79	9
1 Min.	-749	-20.02	5	-24.73	5	-8.26	5	-68.53	18	-5.37	18	6.09	5	75.35	9	137.79	9
1 Min.	-789	-17.90	5	-11.76	1	-6.90	5	-1.56	18	5.91	5	2.94	5	75.35	9	136.59	9
1 Max	-705	257.31	5	17.71	5	165.94	5	434.67	18	12.47	19	1.73	5	-36.99	29	33.93	33
1 Max	-706	258.75	5	31.84	5	164.06	5	395.39	18	8.10	19	3.67	5	-36.99	29	33.09	33
1 Max	-745	276.87	5	33.64	5	111.21	5	398.40	18	6.78	19	3.25	5	-36.91	29	33.09	33
1 Max	-744	275.43	5	19.49	5	113.09	5	437.63	18	11.36	19	1.35	5	-36.91	29	33.93	33
1 Min.	-705	-257.27	5	-17.71	5	-165.97	5	206.32	9	-6.11	28	-4.63	5	-104.53	18	3.16	14
1 Min.	-706	-258.72	5	-31.83	5	-164.09	5	189.74	9	-8.98	28	-3.67	5	-104.53	18	2.21	14
1 Min.	-745	-276.83	5	-33.64	5	-111.23	5	190.44	9	-3.40	28	-3.83	5	-104.40	18	2.21	14
1 Min.	-744	-275.39	5	-19.49	5	-113.11	5	207.00	9	-0.40	5	-4.83	5	-104.40	18	3.16	14
1 Max	-706	190.32	5	25.34	5	156.65	5	403.82	18	8.90	19	4.39	18	-80.31	9	22.22	28
1 Max	-707	192.38	5	45.64	5	149.09	5	335.05	18	-0.29	14	4.28	18	-80.31	9	21.98	28
1 Max	-746	201.63	5	46.56	5	102.81	5	335.12	18	-2.17	14	2.36	5	-80.28	9	21.98	28
1 Max	-745	199.57	5	26.23	5	110.37	5	403.89	18	7.05	19	2.83	5	-80.28	9	22.22	28
1 Min.	-706	-190.29	5	-25.33	5	-156.67	5	192.16	9	-8.43	28	-3.37	5	-187.93	18	-9.52	19
1 Min.	-707	-192.36	5	-45.63	5	-149.11	5	161.89	9	-16.37	33	-4.50	5	-187.93	18	-9.78	19
1 Min.	-746	-201.61	5	-46.55	5	-102.82	5	161.37	9	-11.35	33	-5.21	5	-187.91	18	-9.78	19
1 Min.	-745	-199.54	5	-26.23	5	-110.38	5	191.63	9	-3.29	28	-4.13	5	-187.91	18	-9.52	19
1 Max	-707	127.51	5	39.58	5	139.05	5	346.56	18	0.92	14	4.89	18	-121.05	9	26.13	28
1 Max	-708	129.32	5	57.34	5	123.06	5	244.72	18	-12.26	14	8.00	18	-121.05	9	24.06	28
1 Max	-747	132.15	5	57.59	5	78.47	5	246.67	18	-12.20	9	4.18	18	-120.89	9	24.06	28
1 Max	-746	130.34	5	39.83	5	94.46	5	348.39	18	-1.54	14	2.05	5	-120.89	9	26.13	28
1 Min.	-707	-127.50	5	-39.58	5	-139.07	5	165.02	9	-15.23	33	-4.35	5	-278.53	18	-5.82	19
1 Min.	-708	-129.31	5	-57.33	5	-123.08	5	119.46	9	-27.87	33	-3.38	5	-278.53	18	-8.06	19
1 Min.	-747	-132.14	5	-57.59	5	-78.48	5	120.09	9	-24.52	18	-4.39	5	-278.22	18	-8.06	19
1 Min.	-746	-130.32	5	-39.83	5	-94.47	5	165.60	9	-10.89	33	-5.39	5	-278.22	18	-5.82	19
1 Max	-708	69.30	5	51.88	5	101.20	5	277.01	18	-9.59	14	14.63	18	-199.28	9	-4.78	5
1 Max	-709	70.76	5	66.39	5	81.79	5	131.57	18	-32.60	9	3.36	18	-199.28	9	-5.28	5
1 Max	-748	74.14	5	66.69	5	49.46	5	124.55	18	-31.99	9	-6.47	5	-199.23	9	-5.28	5
1 Max	-747	72.67	5	52.19	5	68.87	5	269.94	18	-11.34	9	-0.18	5	-199.23	9	-4.78	5
1 Min.	-708	-69.29	5	-51.88	5	-101.21	5	131.47	9	-25.23	33	-0.43	5	-451.71	18	-41.87	19
1 Min.	-709	-70.75	5	-66.38	5	-81.80	5	65.67	9	-69.01	18	-5.59	5	-451.71	18	-42.89	19
1 Min.	-748	-74.13	5	-66.69	5	-49.46	5	62.41	9	-71.37	18	-13.69	18	-451.58	18	-42.89	19
1 Min.	-747	-72.66	5	-52.18	5	-68.88	5	128.35	9	-22.73	33	-7.37	5	-451.58	18	-41.87	19
1 Max	-709	26.56	5	62.48	5	54.89	5	158.45	18	-53.15	9	7.92	18	-305.93	5	441.68	18
1 Max	46	25.29	5	49.72	5	36.85	5	-23.41	5	-84.77	9	12.20	18	-305.93	5	446.78	18
1 Max	-749	27.65	5	49.97	5	16.19	5	-17.41	5	-39.47	5	-6.89	5	-305.35	5	446.78	18
1 Max	-748	28.92	5	62.74	5	34.23	5	170.05	18	-8.63	9	-8.84	5	-305.35	5	441.68	18
1 Min.	-709	-26.56	5	-62.48	5	-54.90	5	74.93	9	-112.88	18	-3.74	5	-690.97	18	209.82	9
1 Min.	46	-25.29	5	-49.71	5	-36.86	5	-63.91	18	-187.83	18	-1.33	5	-690.97	18	212.48	9
1 Min.	-749	-27.64	5	-49.97	5	-16.19	5	-51.76	18	-94.13	18	-13.95	18	-689.55	18	212.48	9
1 Min.	-748	-28.91	5	-62.73	5	-34.23	5	80.51	9	-20.27	18	-18.24	18	-689.55	18	209.82	9
1 Max	-668	219.01	5	22.35	5	198.59	5	428.84	18	15.72	19	3.02	5	-36.82	29	22.03	33
1 Max	-669	221.56	5	47.50	5	198.04	5	391.00	18	10.55	19	5.97	18	-36.82	29	21.86	33
1 Max	-706	260.71	5	51.40	5	182.60	5	396.45	18	9.66	19	3.52	5	-36.71	29	21.86	33
1 Max	-705	258.17	5	26.22	5	183.16	5	434.18	18	14.92	19	1.88	5	-36.71	29	22.03	33
1 Min.	-668	-218.98	5	-22.35	5	-198.63	5	205.40	9	-11.76	28	-3.51	5	-103.06	18	1.73	9
1 Min.	-669	-221.52	5	-47.50	5	-198.07	5	189.19	9	-15.11	28	-3.08	5	-103.06	18	1.63	9
1 Min.	-706	-260.67	5	-51.40	5	-182.63	5	189.95	9	-8.19	28	-3.93	5	-102.78	18	1.63	9
1 Min.	-705	-258.13	5	-26.21	5	-183.19	5	206.14	9	-4.78	28	-4.40	5	-102.78	18	1.73	9
1 Max	-669	167.32	5	42.47	5	196.91	5	396.02	18	12.35	19	7.50	18	-79.03	9	18.09	33
1 Max	-670	170.23	5	71.23	5	187.77	5	330.33	18	2.64	14	12.64	18	-79.03	9	17.73	33
1 Max	-707	195.19	5	73.69	5	166.05	5	336.65	18	-1.09	14	6.90	18	-78.80	9	17.73	33
1 Max	-706	192.28	5	44.92	5	175.19	5	402.14	18	8.71	19	2.73	5	-78.80	9	18.09	33
1 Min.	-669	-167.29	5	-42.47	5	-196.95	5	190.26	9	-13.69	28	-2.56	5	-181.52	18	0.55	9
1 Min.	-670	-170.20	5	-71.22	5	-187.80	5	160.89	9	-21.18	33	-1.63	5	-181.52	18	0.34	9
1 Min.	-707	-195.16	5	-73.68	5	-166.07	5	162.29	9	-17.11	33	-3.45	5	-181.01	18	0.34	9
1 Min.	-706	-192.25	5	-44.92	5	-175.22	5	191.58	9	-9.18	28	-4.47	5	-181.01	18	0.55	9
1 Max	-670	111.75	5	65.92	5	173.16	5	340.43	18	6.42	19	14.34	18	-116.89	9	0.51	5
1 Max	-671	115.04	5	98.58	5	158.28	5	245.47	18	-7.84	14	16.77	18	-116.89	9	0.24	5
1 Max	-708	133.60	5	100.39	5	141.11	5	247.60	18	-16.54	9	7.62	18	-116.69	9	0.24	5
1 Max	-707	130.32	5	67.74	5	156.01	5	342.37	18	-3.63	14	5.20	18	-116.69	9	0.51	5
1 Min.	-670	-111.74	5	-65.92	5	-173.19	5	163.69	9	-17.74	28	-1.19	5	-264.40	18	-19.93	19
1 Min.	-671	-115.03	5	-98.57	5	-158.30	5	120.56	9	-30.55	33	-1.21	5	-264.40	18	-20.47	19
1 Min.	-708	-133.59	5	-100.38	5	-141.13	5	120.41	9	-33.24	33	-3.86	5	-263.91	18	-20.47	19
1 Min.	-707	-130.30	5	-67.73	5	-156.03	5	163.47	9	-19.95	33	-3.92	5	-263.91	18	-19.93	19
1 Max	-671	61.39	5	93.75	5	139.36	5	252.71	18	0.39	14	22.34	18	-166.15	9	-2.21	5
1 Max	-672	63.52	5	115.06	5	114.02	5	125.20	18	-21.67	5	36.44	18	-166.15	9	-3.00	5
1 Max	-709	75.70	5	116.24	5	93.92	5	139.65	18	-33.78	9	16.06	18	-165.49	9	-3.00	5
1 Max	-708	73.58	5	94.93	5	119.25	5	266.52	18	-20.11	9	2.10	5	-165.49	9	-2.21	5
1 Min.	-671	-61.39	5	-93.74	5	-139.38	5	121.21	9	-22.16	33	1.00	5	-373.84	18	-31.71	18
1 Min.	-672	-63.51	5	-115.05	5	-114.04	5	62.77	9	-46.01	33	7.09	5	-373.84	18	-33.73	18
1 Min.	-709	-75.69	5	-116.23	5	-93.93	5	69.08	9	-73.60	18	0.09	5	-372.22	18	-33.73	18
1 Min.	-708	-73.57	5	-94.92	5	-119.27	5	127.25	9	-40.13	18	-6.14	5	-372.22	18	-31.71	18
1 Max	-672	18.52	5	111.10	5	78.40	5	160.97	18	10.78	14	40.55	18	-249.21	9	-113.44	5
1 Max	-673	17.90	5	105.17	5	61.13	5	-9.27	5	-21.48	9	36.57	18	-249.21	9	-114.71	5
1 Max	46	30.88	5	106.40	5	49.75	5	-16.48	5	-72.72	5	7.98	18	-249.89	9	-114.71	5
1 Max	-709	31.50	5	112.33	5	67.03	5	144.41	18	-52.66	9	11.96	18	-249.89	9	-113.44	5
1 Min.	-672	-18.52	5	-111.09	5	-78.41	5	76.27	9	-10.42	28	8.80	5	-557.67	18	-287.43	18
1 Min.	-673	-17.89	5	-105.16	5	-61.13	5	-30.88	18	-45.23	33	6.88	5	-557			

Relazione di Calcolo – Ponte Torrente Gogna

1 Min.	-669	-223.64	5	-68.64	5	-230.76	5	189.64	9	-13.25	28	-2.97	5	-93.86	18	0.55	9
1 Min.	-668	-220.04	5	-32.92	5	-228.44	5	205.02	9	-10.73	28	-3.70	5	-93.86	18	0.66	9
1 Max	-591	133.07	5	75.13	5	282.56	5	380.84	18	10.36	19	8.79	18	-65.34	9	29.78	18
1 Max	-592	139.13	5	135.75	5	276.03	5	324.38	18	6.52	5	14.05	18	-65.34	9	28.58	18
1 Max	-631	148.75	5	136.71	5	254.19	5	327.92	18	7.72	19	13.98	18	-65.30	9	28.58	18
1 Max	-630	142.67	5	76.09	5	260.73	5	384.34	18	13.34	19	8.72	18	-65.30	9	29.78	18
1 Min.	-591	-133.05	5	-75.13	5	-282.61	5	186.66	9	-15.10	28	-1.85	5	-144.88	18	-1.45	5
1 Min.	-592	-139.12	5	-135.74	5	-276.07	5	160.26	9	-17.68	5	-1.58	5	-144.88	18	-1.70	5
1 Min.	-631	-148.72	5	-136.69	5	-254.23	5	160.76	9	-17.37	28	-1.90	5	-144.76	18	-1.70	5
1 Min.	-630	-142.65	5	-76.08	5	-260.77	5	187.34	9	-14.80	28	-1.97	5	-144.76	18	-1.45	5
1 Max	-630	141.15	5	60.88	5	246.48	5	385.76	18	11.61	19	8.35	18	-69.98	9	21.09	13
1 Max	-631	146.07	5	109.85	5	240.29	5	325.95	18	5.32	19	14.39	18	-69.98	9	20.68	13
1 Max	-670	174.35	5	112.65	5	223.41	5	333.59	18	5.94	14	13.07	18	-69.83	9	20.68	13
1 Max	-669	169.43	5	63.68	5	229.61	5	393.24	18	12.35	19	7.02	18	-69.83	9	21.09	13
1 Min.	-630	-141.13	5	-60.87	5	-246.52	5	187.79	9	-15.66	28	-2.33	5	-156.20	18	-1.28	5
1 Min.	-631	-146.06	5	-109.84	5	-240.32	5	160.26	9	-19.26	28	-1.44	5	-156.20	18	-1.44	5
1 Min.	-670	-174.33	5	-112.64	5	-223.45	5	161.80	9	-18.16	28	-1.71	5	-155.81	18	-1.44	5
1 Min.	-669	-169.41	5	-63.67	5	-229.65	5	189.37	9	-14.47	28	-2.57	5	-155.81	18	-1.28	5
1 Max	-592	90.11	5	131.38	5	260.34	5	317.27	18	6.80	5	12.40	18	-88.43	9	30.31	18
1 Max	-593	97.39	5	204.19	5	247.96	5	238.55	18	6.48	5	21.62	18	-88.43	9	28.57	18
1 Max	-632	108.91	5	205.34	5	234.92	5	244.29	18	4.14	14	24.83	18	-88.37	9	28.57	18
1 Max	-631	101.64	5	132.53	5	247.30	5	322.94	18	6.74	19	15.62	18	-88.37	9	30.31	18
1 Min.	-592	-90.10	5	-131.37	5	-260.38	5	156.53	9	-18.11	5	-2.55	5	-186.60	18	-1.24	5
1 Min.	-593	-97.38	5	-204.16	5	-248.00	5	118.57	9	-18.78	5	-0.33	5	-186.60	18	-1.86	5
1 Min.	-632	-108.90	5	-205.31	5	-234.96	5	120.29	9	-17.75	28	1.27	5	-186.41	18	-1.86	5
1 Min.	-631	-101.62	5	-132.52	5	-247.34	5	158.38	9	-18.52	28	-0.94	5	-186.41	18	-1.24	5
1 Max	-631	98.97	5	105.68	5	233.40	5	325.18	18	7.40	19	16.09	18	-104.90	9	13.23	13
1 Max	-632	104.07	5	156.67	5	214.50	5	241.12	18	-2.92	5	24.43	18	-104.90	9	12.54	13
1 Max	-671	120.98	5	158.34	5	189.91	5	250.99	18	-7.00	14	19.70	18	-104.67	9	12.54	13
1 Max	-670	115.88	5	107.35	5	208.81	5	334.78	18	4.08	14	11.35	18	-104.67	9	13.23	13
1 Min.	-631	-98.96	5	-105.67	5	-233.43	5	158.97	9	-17.64	28	-0.85	5	-226.22	18	-5.53	5
1 Min.	-632	-104.05	5	-156.65	5	-214.53	5	119.41	9	-25.54	33	1.24	5	-226.22	18	-5.85	5
1 Min.	-671	-120.96	5	-158.32	5	-189.94	5	122.31	9	-28.95	33	-0.16	5	-225.53	18	-5.85	5
1 Min.	-670	-115.86	5	-107.33	5	-208.84	5	161.81	9	-20.21	33	-2.31	5	-225.53	18	-5.53	5
1 Max	-593	53.98	5	200.37	5	231.73	5	236.93	18	8.50	5	23.24	18	-126.16	9	-10.85	5
1 Max	-594	60.45	5	265.54	5	192.82	5	137.65	18	2.22	5	17.65	18	-126.16	9	-10.47	5
1 Max	-633	61.27	5	265.61	5	170.28	5	133.67	18	-5.79	5	17.63	18	-126.21	9	-10.47	5
1 Max	-632	54.80	5	200.45	5	209.19	5	232.95	18	1.18	14	23.23	18	-126.21	9	-10.85	5
1 Min.	-593	-53.97	5	-200.35	5	-231.76	5	117.76	9	-18.31	5	0.56	5	-254.26	18	-46.39	5
1 Min.	-594	-60.44	5	-265.51	5	-192.85	5	68.65	9	-23.29	5	-3.48	5	-254.26	18	-46.67	5
1 Min.	-633	-61.26	5	-265.57	5	-170.31	5	66.14	9	-26.65	33	-3.65	5	-254.26	18	-46.67	5
1 Min.	-632	-54.79	5	-200.42	5	-209.22	5	115.26	9	-20.93	33	0.39	5	-254.26	18	-46.39	5
1 Max	-632	49.95	5	151.78	5	188.77	5	236.07	18	-1.58	5	17.65	18	-117.29	9	6.37	5
1 Max	-633	54.33	5	195.72	5	160.55	5	130.69	18	-2.55	5	23.30	18	-117.29	9	6.30	5
1 Max	-672	71.71	5	197.44	5	142.78	5	136.58	18	-11.78	14	32.13	18	-117.14	9	6.30	5
1 Max	-671	67.33	5	153.51	5	171.00	5	241.72	18	-9.48	14	26.48	18	-117.14	9	6.37	5
1 Min.	-632	-49.95	5	-151.77	5	-188.80	5	115.93	9	-23.91	28	-2.26	5	-249.29	18	-19.46	5
1 Min.	-633	-54.32	5	-195.70	5	-160.57	5	65.58	9	-23.47	33	-0.95	5	-249.29	18	-19.74	5
1 Min.	-672	-71.70	5	-197.42	5	-142.80	5	67.06	9	-31.93	33	4.66	5	-248.66	18	-19.74	5
1 Min.	-671	-67.32	5	-153.49	5	-171.02	5	117.36	9	-32.17	33	3.35	5	-248.66	18	-19.46	5
1 Max	-594	12.61	1	261.20	5	139.04	5	131.86	18	-10.30	5	21.10	18	-192.51	9	175.50	18
1 Max	41	15.86	5	295.96	5	109.89	5	-1.52	5	-27.48	5	23.57	18	-192.51	9	176.18	18
1 Max	-634	27.63	5	297.19	5	101.45	5	1.77	33	-10.67	5	16.63	18	-192.14	9	176.18	18
1 Max	-633	24.22	5	262.43	5	130.61	5	136.80	18	9.19	14	14.16	18	-192.14	9	175.50	18
1 Min.	-594	-12.61	1	-261.17	5	-139.06	5	65.74	9	-36.97	33	-1.98	5	-387.45	18	79.47	5
1 Min.	41	-15.86	5	-295.92	5	-109.90	5	-9.32	14	-63.30	18	-1.08	5	-387.45	18	80.18	5
1 Min.	-634	-27.63	5	-297.15	5	-101.47	5	-4.70	14	-29.81	33	-4.24	5	-386.52	18	80.18	5
1 Min.	-633	-24.22	5	-262.39	5	-130.63	5	68.32	9	-11.97	5	-5.18	5	-386.52	18	79.47	5
1 Max	-633	17.28	5	192.54	5	120.89	5	121.85	18	-3.32	5	16.17	18	-105.57	9	7.72	5
1 Max	-634	18.13	5	201.59	5	87.38	5	14.13	18	3.54	14	14.66	18	-105.57	9	7.83	5
1 Max	-673	27.55	5	202.54	5	73.65	5	11.13	18	-3.64	14	37.76	18	-105.39	9	7.83	5
1 Max	-672	26.71	5	193.49	5	107.15	5	118.53	18	-12.39	14	39.28	18	-105.39	9	7.72	5
1 Min.	-633	-17.28	5	-192.51	5	-120.90	5	59.38	9	-23.88	23	-4.41	5	-222.06	18	-34.57	18
1 Min.	-634	-18.12	5	-201.57	5	-87.39	5	6.70	9	-15.22	5	-4.99	5	-222.06	18	-35.08	18
1 Min.	-673	-27.55	5	-202.52	5	-73.66	5	5.31	5	-23.06	33	7.52	5	-221.26	18	-35.08	18
1 Min.	-672	-26.70	5	-193.46	5	-107.17	5	58.55	9	-34.06	33	8.11	5	-221.26	18	-34.57	18
1 Max	-552	154.56	5	14.69	5	254.96	5	420.73	18	12.03	19	4.05	5	10.36	29	30.12	18
1 Max	-553	158.86	5	28.28	5	262.13	5	415.66	18	10.60	19	3.80	5	8.08	28	32.62	18
1 Max	-590	187.86	5	33.20	5	267.79	5	418.72	18	15.07	19	3.43	5	8.06	28	35.92	18
1 Max	-589	183.09	5	14.59	5	255.45	5	424.80	18	16.31	19	3.05	5	9.90	29	33.88	18
1 Min.	-552	-154.54	5	-14.70	5	-255.00	5	204.87	9	-14.54	28	-4.73	5	-18.40	18	-5.40	5
1 Min.	-553	-158.84	5	-28.27	5	-262.17	5	203.78	9	-13.88	28	-3.29	5	-13.16	5	-4.47	5
1 Min.	-590	-187.84	5	-33.19	5	-267.84	5	203.94	9	-13.77	28	-3.34	5	-13.09	5	-4.41	5
1 Min.	-589	-183.07	5	-14.60	5	-255.50	5	205.37	9	-14.43	28	-4.01	5	-16.87	18	-4.40	5
1 Max	-513	103.70	5	15.11	5	274.09	5	407.55	18	10.68	5	5.47	5	-24.24	5	27.31	18
1 Max	-514	109.96	5	77.60	5	283.41	5	376.16	18	13.03	5	5.45	19	-24.24	5	27.19	18
1 Max	-554	147.79	5	81.38	5	295.24	5	381.13	18	12.49	5	6.87	18	-24.18	5	27.19	18
1 Max	-553	141.52	5	18.89	5	285.92	5	412.48	18	12.68	19	4.06	5	-24.18	5	27.31	18
1 Min.	-513	-103.69	5	-15.11	5	-274.13	5	201.45	9	-13.75	28	-6.16	5	-76.69	18	-2.17	5
1 Min.	-514	-109.95	5	-77.59	5	-283.46	5	187.66	9	-17.26	5	-5.16	5	-76.69	18	-2.12	5
1 Min.	-554	-147.77	5	-81.37	5	-295.29	5	187.97	9								

Relazione di Calcolo – Ponte Torrente Gogna

1 Min.	-591	-133.17	5	-76.36	5	-285.63	5	186.54	9	-14.65	28	-2.12	5	-136.07	18	0.66	5
1 Max	-515	80.99	5	158.23	5	300.49	5	311.10	18	17.49	5	7.64	19	-72.08	5	13.17	14
1 Max	-516	93.29	5	281.46	5	292.13	5	236.82	18	20.76	5	9.58	19	-72.08	5	12.99	13
1 Max	-556	103.75	5	282.51	5	292.49	5	239.68	18	15.65	5	13.92	18	-72.08	5	12.99	13
1 Max	-555	91.46	5	159.28	5	300.84	5	313.93	18	12.44	5	11.84	18	-72.08	5	13.17	14
1 Min.	-515	-80.98	5	-158.21	5	-300.53	5	154.92	9	-22.80	5	-4.85	5	-178.81	18	-5.78	5
1 Min.	-516	-93.27	5	-281.43	5	-292.18	5	119.52	9	-29.41	5	-3.62	5	-178.81	18	-5.86	5
1 Min.	-556	-103.74	5	-282.47	5	-292.53	5	119.39	9	-25.41	5	-4.11	5	-178.71	18	-5.86	5
1 Min.	-555	-91.45	5	-159.26	5	-300.88	5	155.67	9	-18.90	5	-2.17	5	-178.71	18	-5.78	5
1 Max	-555	90.44	5	149.12	5	290.94	5	315.32	18	11.48	5	11.87	18	-84.10	9	12.81	13
1 Max	-556	98.92	5	234.02	5	270.70	5	238.20	18	13.02	5	13.94	18	-84.10	9	12.05	13
1 Max	-593	100.37	5	234.16	5	249.48	5	239.61	18	9.72	5	18.02	18	-84.11	9	12.05	13
1 Max	-592	91.90	5	149.26	5	269.72	5	316.71	18	8.25	5	15.95	18	-84.11	9	12.81	13
1 Min.	-555	-90.43	5	-149.10	5	-290.98	5	156.34	9	-19.63	5	-2.12	5	-178.49	18	-9.50	5
1 Min.	-556	-98.91	5	-233.99	5	-270.74	5	119.19	9	-20.59	5	-4.09	5	-178.49	18	-9.65	5
1 Min.	-593	-100.36	5	-234.13	5	-249.52	5	118.81	9	-19.21	5	-2.56	5	-178.44	18	-9.65	5
1 Min.	-592	-91.88	5	-149.24	5	-269.76	5	156.36	9	-18.32	5	-0.44	5	-178.44	18	-9.50	5
1 Max	-516	51.27	5	277.78	5	287.86	5	222.72	18	23.62	5	5.44	19	-83.22	5	8.85	5
1 Max	-517	63.54	5	400.98	5	243.75	5	131.94	18	30.26	5	8.87	19	-83.22	5	8.93	5
1 Max	-557	62.82	5	400.90	5	218.16	5	136.28	18	17.18	5	22.90	18	-83.26	5	8.93	5
1 Max	-556	50.55	5	277.70	5	262.27	5	226.97	18	10.72	5	19.01	18	-83.26	5	8.85	5
1 Min.	-516	-51.26	5	-277.75	5	-287.90	5	111.32	9	-30.80	5	-7.25	28	-197.33	18	-17.53	5
1 Min.	-517	-63.53	5	-400.93	5	-243.79	5	66.60	9	-31.15	5	-7.30	5	-197.33	18	-17.83	5
1 Min.	-557	-62.81	5	-400.85	5	-218.19	5	66.97	9	-25.16	5	-2.18	5	-197.08	18	-17.83	5
1 Min.	-556	-50.54	5	-277.67	5	-262.31	5	113.63	9	-24.89	5	-0.60	5	-197.08	18	-17.53	5
1 Max	-556	45.72	5	229.22	5	240.48	5	229.88	18	13.12	5	16.24	18	-124.86	9	31.95	18
1 Max	-557	54.60	5	318.56	5	212.72	5	132.79	18	6.19	5	25.75	18	-124.86	9	29.82	18
1 Max	-594	65.84	5	319.69	5	205.48	5	138.74	18	1.80	5	25.20	18	-124.78	9	29.82	18
1 Max	-593	56.96	5	230.35	5	233.25	5	235.73	18	8.93	5	15.69	18	-124.78	9	31.95	18
1 Min.	-556	-45.71	5	-229.19	5	-240.52	5	114.90	9	-22.08	5	-3.23	5	-251.16	18	-6.10	5
1 Min.	-557	-54.59	5	-318.52	5	-212.75	5	66.26	9	-27.00	5	0.64	5	-251.16	18	-6.78	5
1 Min.	-594	-65.83	5	-319.65	5	-205.51	5	68.86	9	-23.41	5	0.49	5	-250.88	18	-6.78	5
1 Min.	-593	-56.95	5	-230.32	5	-233.28	5	117.46	9	-18.44	5	-3.44	5	-250.88	18	-6.10	5
1 Max	-517	9.69	1	395.72	5	178.75	5	116.02	18	37.65	5	5.00	19	-75.21	5	16.20	5
1 Max	-518	16.84	5	507.25	5	147.60	5	26.25	18	47.69	5	4.12	19	-75.21	5	16.13	5
1 Max	-558	36.09	5	509.17	5	140.01	5	22.70	18	16.73	5	26.34	18	-75.71	5	16.13	5
1 Max	-557	25.02	5	397.64	5	171.17	5	112.46	18	6.97	5	27.43	18	-75.71	5	16.20	5
1 Min.	-517	-9.69	1	-395.67	5	-178.78	5	58.54	9	-31.82	5	-10.82	5	-173.61	18	-77.30	5
1 Min.	-518	-16.84	5	-507.19	5	-147.62	5	6.17	5	-25.20	5	-10.26	5	-173.61	18	-77.58	5
1 Min.	-558	-36.09	5	-509.11	5	-140.03	5	7.68	5	-19.27	5	1.95	5	-173.60	18	-77.58	5
1 Min.	-557	-25.02	5	-397.59	5	-171.19	5	56.22	9	-26.01	5	1.33	5	-173.60	18	-77.30	5
1 Max	-557	16.80	5	315.30	5	165.73	5	135.96	18	22.55	5	27.79	18	-186.88	9	-88.10	5
1 Max	-558	22.53	5	373.28	5	118.37	5	3.84	33	10.20	5	26.05	18	-186.88	9	-89.69	5
1 Max	41	23.57	5	373.33	5	104.36	5	-1.03	35	-27.65	5	21.41	18	-187.15	9	-89.69	5
1 Max	-594	17.84	5	315.35	5	151.71	5	129.94	18	-14.83	5	23.14	18	-187.15	9	-88.10	5
1 Min.	-557	-16.80	5	-315.26	5	-165.75	5	68.31	9	-15.79	5	2.18	5	-368.38	18	-236.99	18
1 Min.	-558	-22.52	5	-373.23	5	-118.39	5	-3.44	14	-28.81	5	1.15	5	-368.38	18	-243.24	18
1 Min.	41	-23.57	5	-373.29	5	-104.37	5	-8.47	14	-64.72	18	-2.08	5	-368.77	18	-243.24	18
1 Min.	-594	-17.84	5	-315.31	5	-151.73	5	65.30	9	-41.26	18	-1.04	5	-368.77	18	-236.99	18
1 Max	-474	53.98	1	1.44	5	262.38	5	405.21	18	10.15	5	7.93	5	-22.87	5	19.70	19
1 Max	-475	55.62	1	51.64	5	284.27	5	374.26	18	12.93	5	7.39	5	-22.87	5	19.66	19
1 Max	-514	107.96	5	57.48	5	279.09	5	376.68	18	14.26	5	4.91	5	-22.89	5	19.66	19
1 Max	-513	102.65	5	4.67	5	257.19	5	407.63	18	11.46	5	5.47	5	-22.89	5	19.70	19
1 Min.	-474	-53.98	1	-1.44	5	-262.42	5	202.15	9	-13.04	5	-9.17	5	-74.86	18	-5.45	28
1 Min.	-475	-55.62	1	-51.63	5	-284.32	5	188.25	9	-17.66	5	-9.89	5	-74.86	18	-5.27	28
1 Min.	-514	-107.94	5	-57.47	5	-279.13	5	187.61	9	-17.92	5	-6.01	5	-74.85	18	-5.27	28
1 Min.	-513	-102.64	5	-4.67	5	-257.23	5	201.57	9	-13.47	28	-5.30	5	-74.85	18	-5.45	28
1 Max	-475	79.76	5	55.15	5	286.98	5	370.70	18	11.98	5	7.81	5	-44.18	5	16.78	19
1 Max	-476	90.77	5	165.26	5	301.47	5	317.34	18	16.36	5	6.19	5	-44.18	5	16.80	19
1 Max	-515	111.15	5	167.32	5	317.39	5	317.92	18	18.38	5	6.26	19	-44.27	5	16.80	19
1 Max	-514	100.14	5	57.21	5	302.89	5	371.31	18	13.97	5	5.42	19	-44.27	5	16.78	19
1 Min.	-475	-79.75	5	-55.14	5	-287.02	5	185.65	9	-17.99	5	-11.24	5	-127.76	18	-4.24	5
1 Min.	-476	-90.76	5	-165.24	5	-301.52	5	160.51	9	-24.97	5	-12.38	5	-127.76	18	-4.03	5
1 Min.	-515	-111.14	5	-167.30	5	-317.44	5	159.17	9	-24.04	5	-6.01	5	-127.84	18	-4.03	5
1 Min.	-514	-100.13	5	-57.20	5	-302.94	5	184.43	9	-17.16	5	-4.85	5	-127.84	18	-4.24	5
1 Max	-476	84.53	5	165.18	5	338.52	5	308.07	18	14.87	5	6.57	5	-55.29	5	25.54	18
1 Max	-477	100.37	5	323.91	5	334.06	5	233.95	18	22.87	5	5.94	5	-55.29	5	25.62	18
1 Max	-516	97.50	5	323.63	5	304.73	5	237.17	18	25.80	5	9.73	19	-55.38	5	25.62	18
1 Max	-515	81.65	5	164.90	5	309.20	5	311.28	18	17.78	5	7.44	19	-55.38	5	25.54	18
1 Min.	-476	-84.52	5	-165.16	5	-338.57	5	154.26	9	-26.48	5	-14.61	5	-172.82	18	5.37	5
1 Min.	-477	-100.36	5	-323.87	5	-334.11	5	118.89	9	-35.80	5	-13.84	5	-172.82	18	5.54	5
1 Min.	-516	-97.49	5	-323.59	5	-304.77	5	119.40	9	-31.17	5	-3.78	5	-172.78	18	5.54	5
1 Min.	-515	-81.64	5	-164.88	5	-309.24	5	155.93	9	-21.97	5	-4.27	5	-172.78	18	5.37	5
1 Max	-477	46.71	5	319.07	5	302.63	5	227.85	18	21.05	5	8.48	5	-57.20	5	24.13	18
1 Max	-478	67.13	5	523.98	5	280.21	5	136.18	18	32.20	5	1.78	5	-57.20	5	24.81	18
1 Max	-517	75.90	5	524.86	5	278.03	5	131.37	18	35.88	5	5.06	19	-57.58	5	24.81	18
1 Max	-516	55.48	5	319.95	5	300.45	5	223.24	18	24.67	5	9.14	19	-57.58	5	24.13	18
1 Min.	-477	-46.71	5	-319.02	5	-302.68	5	111.68	5	-40.02	5	-15.54	5	-220.27	18	6.03	5
1 Min.	-478	-67.12	5	-523.91	5	-280.25	5	68.77	9	-56.36	5	-16.06	5	-220.27	18	6.35	5
1 Min.	-517	-75.89	5	-524.80	5	-278.07	5	64.42	9	-41.83	5	-9.75	5	-220.76	18	6.35	5
1 Min.	-516	-55.47	5	-319.91	5	-300.50	5	111.15	9	-25.91	5	-4.14	5	-220.76	18	6.03	5

Relazione di Calcolo – Ponte Torrente Gogna

1 Max	-359	322.81	5	52.66	5	88.33	5	408.08	18	5.07	5	13.38	5	-41.25	5	4.53	19
1 Max	-360	321.10	5	35.39	5	58.05	5	374.37	18	2.53	5	13.91	5	-41.25	5	4.62	19
1 Max	-398	172.35	5	20.53	5	89.93	5	373.78	18	3.50	5	12.78	5	-41.54	5	4.62	19
1 Max	-397	174.06	5	37.85	5	120.22	5	407.52	18	6.00	5	12.22	5	-41.54	5	4.53	19
1 Min.	-359	-322.86	5	-52.67	5	-88.35	5	206.97	9	-4.33	13	-10.99	5	-87.85	18	-25.74	28
1 Min.	-360	-321.15	5	-35.39	5	-58.06	5	190.63	9	-8.26	13	-13.64	5	-87.85	18	-25.43	28
1 Min.	-398	-172.37	5	-20.53	5	-89.95	5	189.53	9	-13.78	28	-14.03	5	-87.95	18	-25.43	28
1 Min.	-397	-174.08	5	-37.85	5	-120.24	5	206.26	9	-9.52	28	-11.37	5	-87.95	18	-25.74	28
1 Max	-397	174.32	5	40.44	5	146.81	5	406.81	18	5.79	5	12.43	5	-38.38	5	10.02	19
1 Max	-398	172.65	5	23.57	5	186.97	5	374.37	18	5.20	5	12.60	5	-38.38	5	10.07	19
1 Max	-438	47.05	1	7.06	5	205.19	5	373.78	18	9.55	5	9.14	5	-38.49	5	10.07	19
1 Max	-437	46.49	1	23.96	5	165.03	5	406.29	18	10.04	5	8.98	5	-38.49	5	10.02	19
1 Min.	-397	-174.35	5	-40.44	5	-146.83	5	205.86	9	-8.59	13	-11.18	5	-84.49	18	-16.73	28
1 Min.	-398	-172.68	5	-23.57	5	-187.00	5	190.22	9	-12.28	13	-14.22	5	-84.49	18	-16.50	28
1 Min.	-438	-47.05	1	-7.06	5	-205.23	5	188.25	9	-17.76	5	-12.85	5	-84.68	18	-16.50	28
1 Min.	-437	-46.50	1	-23.96	5	-165.06	5	203.94	9	-13.02	5	-9.83	5	-84.68	18	-16.73	28
1 Max	-437	46.47	1	24.90	5	210.20	5	405.60	18	8.91	5	9.47	5	-25.81	5	13.05	19
1 Max	-438	48.39	1	39.18	5	218.85	5	374.32	18	11.07	5	8.64	5	-25.81	5	13.19	19
1 Max	-475	55.32	1	41.59	5	268.78	5	374.20	18	12.33	5	7.23	5	-25.83	5	13.19	19
1 Max	-474	53.35	1	22.50	5	260.13	5	405.50	18	10.12	5	8.09	5	-25.83	5	13.05	19
1 Min.	-437	-46.48	1	-24.91	5	-210.24	5	203.30	9	-12.09	28	-10.10	5	-76.57	18	-13.28	28
1 Min.	-438	-48.39	1	-39.18	5	-218.88	5	188.93	9	-16.86	5	-12.56	5	-76.57	18	-12.20	28
1 Min.	-475	-55.32	1	-41.59	5	-268.82	5	188.00	9	-17.99	5	-10.76	5	-76.61	18	-12.20	28
1 Min.	-474	-53.35	1	-22.50	5	-260.18	5	202.36	9	-13.36	5	-8.32	5	-76.61	18	-13.28	28
1 Max	-360	269.01	5	30.44	5	46.69	5	377.25	18	1.70	5	14.31	5	-79.39	5	2.88	14
1 Max	-361	269.78	5	37.87	5	132.36	5	318.17	18	-4.57	5	14.95	5	-79.39	5	3.11	14
1 Max	-399	45.83	1	15.08	5	184.25	5	316.29	18	-0.85	5	13.03	5	-79.71	5	3.11	14
1 Max	-398	45.54	1	7.73	5	98.56	5	375.46	18	5.37	5	12.38	5	-79.71	5	2.88	14
1 Min.	-360	-269.04	5	-30.44	5	-46.70	5	192.56	9	-8.53	13	-12.68	5	-158.30	18	-23.35	28
1 Min.	-361	-269.81	5	-37.87	5	-132.38	5	162.73	9	-17.48	18	-16.73	5	-158.30	18	-22.86	28
1 Min.	-399	-45.84	1	-15.08	5	-184.28	5	160.94	9	-21.51	33	-19.04	5	-158.54	18	-22.86	28
1 Min.	-398	-45.54	1	-7.73	5	-98.58	5	191.51	9	-12.65	5	-14.97	5	-158.54	18	-23.35	28
1 Max	-398	45.63	1	10.78	5	195.61	5	374.04	18	2.80	5	12.58	5	-69.13	5	9.13	19
1 Max	-399	42.30	1	101.73	5	211.57	5	317.64	18	2.08	5	12.87	5	-69.13	5	9.21	19
1 Max	-439	56.60	5	108.22	5	268.25	5	315.62	18	11.21	5	9.41	5	-69.33	5	9.21	19
1 Max	-438	46.15	1	4.37	5	252.28	5	372.11	18	11.80	5	9.15	5	-69.33	5	9.13	19
1 Min.	-398	-45.64	1	-10.77	5	-195.64	5	190.62	9	-13.33	13	-14.90	5	-142.49	18	-14.50	5
1 Min.	-399	-42.31	1	-101.71	5	-211.61	5	162.22	9	-18.11	33	-19.09	5	-142.49	18	-14.42	5
1 Min.	-439	-56.60	5	-108.20	5	-268.29	5	159.60	9	-24.66	5	-16.32	5	-142.75	18	-14.42	5
1 Min.	-438	-46.15	1	-4.37	5	-252.32	5	187.93	9	-18.44	5	-12.16	5	-142.75	18	-14.50	5
1 Max	-438	49.99	5	42.19	5	265.93	5	370.97	18	10.00	5	9.08	5	-51.28	5	15.63	19
1 Max	-439	59.20	5	134.36	5	294.48	5	316.61	18	12.21	5	9.51	5	-51.28	5	15.63	19
1 Max	-476	87.98	5	137.26	5	300.04	5	316.88	18	14.70	5	7.20	5	-51.34	5	15.63	19
1 Max	-475	78.76	5	45.09	5	271.49	5	371.26	18	12.36	5	6.80	5	-51.34	5	15.63	19
1 Min.	-438	-49.99	5	-42.19	5	-265.97	5	186.77	9	-16.51	5	-12.85	5	-135.82	18	-6.49	28
1 Min.	-439	-59.20	5	-134.34	5	-294.52	5	160.68	9	-24.61	5	-15.61	5	-135.82	18	-5.50	5
1 Min.	-476	-87.97	5	-137.24	5	-300.09	5	160.02	9	-25.73	5	-13.18	5	-135.84	18	-5.50	5
1 Min.	-475	-78.75	5	-45.08	5	-271.53	5	186.05	9	-17.73	5	-10.47	5	-135.84	18	-6.49	28
1 Max	-361	31.25	1	11.12	5	166.87	5	320.39	18	-6.50	5	14.57	5	-112.61	5	19.52	5
1 Max	-362	45.76	5	253.39	5	186.45	5	234.96	18	-15.65	9	17.10	5	-112.61	5	19.86	5
1 Max	-400	38.72	5	252.73	5	288.96	5	235.73	18	-8.58	5	15.94	5	-112.80	5	19.86	5
1 Max	-399	28.61	1	11.82	5	269.38	5	321.22	18	2.74	5	13.41	5	-112.80	5	19.52	5
1 Min.	-361	-31.25	1	-11.12	5	-166.90	5	164.21	9	-18.76	18	-15.25	5	-230.00	18	-15.10	5
1 Min.	-362	-45.76	5	-253.36	5	-186.48	5	120.33	9	-32.17	18	-18.11	5	-230.00	18	-14.86	5
1 Min.	-400	-38.72	5	-252.70	5	-289.00	5	120.11	9	-32.65	33	-23.39	5	-230.14	18	-14.86	5
1 Min.	-399	-28.61	1	-11.82	5	-269.41	5	164.89	9	-18.92	33	-20.52	5	-230.14	18	-15.10	5
1 Max	-399	32.01	1	105.46	5	296.69	5	318.62	18	-2.01	5	14.37	5	-102.28	5	17.98	5
1 Max	-400	43.04	5	296.36	5	330.01	5	238.31	18	-4.77	5	15.02	5	-102.28	5	18.45	5
1 Max	-440	104.32	5	302.54	5	298.92	5	233.47	18	12.54	5	8.53	5	-102.76	5	18.45	5
1 Max	-439	85.26	5	111.64	5	265.60	5	313.94	18	15.09	5	7.92	5	-102.76	5	17.98	5
1 Min.	-399	-32.01	1	-105.44	5	-296.74	5	163.55	9	-20.32	33	-18.59	5	-209.66	18	-19.95	5
1 Min.	-400	-43.04	5	-296.32	5	-330.06	5	121.97	9	-29.84	33	-25.30	5	-209.66	18	-19.96	5
1 Min.	-440	-104.31	5	-302.50	5	-298.96	5	118.28	9	-36.46	5	-23.48	5	-210.07	18	-19.96	5
1 Min.	-439	-85.25	5	-111.63	5	-265.64	5	159.22	9	-25.98	5	-16.82	5	-210.07	18	-19.95	5
1 Max	-439	87.86	5	137.78	5	291.83	5	312.21	18	10.42	5	9.35	5	-57.15	5	6.85	14
1 Max	-440	109.32	5	352.83	5	310.60	5	235.62	18	18.50	5	7.10	5	-57.15	5	7.71	14
1 Max	-477	103.21	5	352.23	5	355.89	5	232.85	18	22.89	5	5.09	5	-57.28	5	7.71	14
1 Max	-476	81.74	5	137.18	5	337.06	5	309.50	18	14.52	5	7.39	5	-57.28	5	6.85	14
1 Min.	-439	-87.85	5	-137.76	5	-291.87	5	157.26	9	-24.12	5	-17.32	5	-177.04	18	-12.06	5
1 Min.	-440	-109.31	5	-352.79	5	-310.64	5	120.07	9	-33.31	5	-22.93	5	-177.04	18	-10.84	5
1 Min.	-477	-103.19	5	-352.18	5	-355.94	5	118.08	9	-34.15	5	-17.03	5	-177.19	18	-10.84	5
1 Min.	-476	-81.73	5	-137.16	5	-337.10	5	155.09	9	-25.23	5	-11.47	5	-177.19	18	-12.06	5
1 Max	-362	85.33	5	241.98	5	406.99	5	247.98	18	-16.03	5	17.58	5	-148.49	5	37.20	5
1 Max	-363	39.35	5	702.36	5	419.69	5	134.47	18	-24.17	5	13.15	5	-148.49	5	38.72	5
1 Max	-401	123.02	5	717.52	5	268.28	5	123.98	18	-25.76	9	11.13	5	-148.92	5	38.72	5
1 Max	-400	77.07	5	257.13	5	255.58	5	237.82	18	-1.04	5	15.51	5	-148.92	5	37.20	5
1 Min.	-362	-85.34	5	-241.94	5	-407.04	5	127.36	9	-36.19	18	-13.07	5	-326.63	18	-33.90	5
1 Min.	-363	-39.36	5	-702.27	5	-419.75	5	68.27	9	-63.27	18	-22.73	5	-326.63	18	-33.27	5
1 Min.	-401	-123.00	5	-717.43	5	-268.31	5	62.09	9	-53.25	33	-38.12	5	-327.44	18	-33.27	5
1 Min.	-400	-77.07	5	-257.10	5	-255.61	5	121.94	9	-26.50	33	-28.40	5	-327.44	18	-33.90	5
1 Max	-400	81.40	5	300.76	5	296.63	5	232.88	18	-12.09	5	11.87	5	-111.94	5	42.	

Relazione di Calcolo – Ponte Torrente Gogna

1 Max	-402	105.10	5	1148.43	5	262.52	5	10.86	18	-11.46	14	9.19	5	-95.57	5	118.10	5
1 Max	-442	52.04	5	1143.11	5	189.57	5	17.14	5	40.94	5	16.82	5	-95.72	5	118.10	5
1 Max	-441	9.84	1	675.92	5	292.63	5	118.68	18	31.97	5	18.56	5	-95.72	5	117.39	5
1 Min.	-401	-58.52	5	-681.15	5	-365.62	5	56.58	5	-40.16	33	-40.66	5	-222.91	18	-76.97	5
1 Min.	-402	-105.08	5	-1148.28	5	-262.56	5	1.41	5	-33.65	28	-37.43	5	-222.91	18	-77.39	5
1 Min.	-442	-52.03	5	-1142.97	5	-189.60	5	-4.64	5	-55.62	5	-20.97	5	-222.96	18	-77.39	5
1 Min.	-441	-9.84	1	-675.84	5	-292.67	5	61.35	9	-55.21	5	-24.20	5	-222.96	18	-76.97	5
1 Max	-441	10.43	1	599.59	5	235.62	5	131.50	18	26.01	5	18.76	5	-57.37	5	31.75	5
1 Max	-442	26.61	5	888.81	5	218.95	5	24.42	5	35.11	5	16.66	5	-57.37	5	34.27	5
1 Max	37	56.42	5	891.76	5	209.40	5	25.02	5	42.42	5	3.56	5	-57.71	5	34.27	5
1 Max	-478	27.61	5	602.53	5	226.07	5	127.10	18	32.39	5	5.65	5	-57.71	5	31.75	5
1 Min.	-441	-10.44	1	-599.51	5	-235.65	5	58.09	5	-30.99	5	-22.56	5	-357.39	5	-224.27	5
1 Min.	-442	-26.61	5	-888.70	5	-218.98	5	-25.89	5	-68.22	5	-22.60	5	-357.39	5	-228.18	5
1 Min.	37	-56.41	5	-891.64	5	-209.43	5	-31.98	5	-116.03	5	-16.18	5	-357.95	5	-228.18	5
1 Min.	-478	-27.61	5	-602.46	5	-226.10	5	58.81	5	-77.59	5	-16.12	5	-357.95	5	-224.27	5
1 Max	-322	485.62	5	54.07	5	29.88	5	409.29	18	5.03	5	13.90	5	-37.73	5	-2.14	14
1 Max	-323	484.35	5	41.25	5	24.54	5	375.33	18	2.16	5	13.88	5	-37.73	5	-1.64	14
1 Max	-360	320.04	5	24.82	5	88.23	5	374.22	18	1.27	5	13.63	5	-37.93	5	-1.64	14
1 Max	-359	321.31	5	37.69	5	36.08	5	408.21	18	4.17	5	13.64	5	-37.93	5	-2.14	14
1 Min.	-322	-485.68	5	-54.07	5	-29.88	5	207.59	9	-1.22	5	-10.54	5	-87.52	18	-36.05	28
1 Min.	-323	-484.41	5	-41.25	5	-24.55	5	191.32	9	-4.20	13	-13.41	5	-87.52	18	-35.16	28
1 Min.	-360	-320.09	5	-24.82	5	-88.24	5	190.44	9	-8.58	33	-13.76	5	-87.60	18	-35.16	28
1 Min.	-359	-321.36	5	-37.69	5	-36.09	5	206.93	9	-4.79	5	-10.87	5	-87.60	18	-36.05	28
1 Max	-323	374.43	5	30.49	5	80.76	5	376.65	18	2.26	5	13.87	5	-72.72	5	4.64	19
1 Max	-324	373.97	5	25.72	5	14.32	5	316.86	18	-4.85	5	15.82	5	-72.72	5	4.67	19
1 Max	-361	267.50	5	15.09	5	18.68	5	317.92	18	-4.86	5	15.60	5	-72.87	5	4.67	19
1 Max	-360	267.95	5	19.90	5	76.87	5	377.71	18	2.51	5	13.63	5	-72.87	5	4.64	19
1 Min.	-323	-374.48	5	-30.50	5	-80.77	5	192.04	9	-4.03	13	-12.69	5	-158.45	18	-24.37	28
1 Min.	-324	-374.02	5	-25.72	5	-14.32	5	162.08	9	-12.29	18	-13.10	5	-158.45	18	-24.16	28
1 Min.	-361	-267.53	5	-15.09	5	-18.68	5	162.45	9	-16.57	33	-14.91	5	-158.45	18	-24.16	28
1 Min.	-360	-267.99	5	-19.90	5	-76.88	5	192.59	9	-7.95	33	-14.49	5	-158.45	18	-24.37	28
1 Max	-324	319.36	5	20.60	5	121.21	5	322.81	18	-4.49	5	15.52	5	-104.21	5	3.36	5
1 Max	-325	325.78	5	84.54	5	123.31	5	235.28	18	-9.49	5	15.29	5	-104.21	5	3.93	5
1 Max	-362	30.13	1	52.14	5	260.78	5	234.24	18	-13.30	9	15.70	5	-104.43	5	3.93	5
1 Max	-361	31.93	1	12.22	5	18.43	5	321.85	18	-3.05	5	15.92	5	-104.43	5	3.36	5
1 Min.	-324	-319.40	5	-20.60	5	-121.19	5	165.16	9	-11.81	18	-12.22	5	-233.11	18	-28.31	28
1 Min.	-325	-325.83	5	-84.55	5	-123.33	5	120.36	9	-24.60	18	-14.07	5	-233.11	18	-26.55	28
1 Min.	-362	-30.13	1	-52.15	5	-260.81	5	119.70	9	-28.59	33	-17.63	5	-233.32	18	-26.55	28
1 Min.	-361	-31.93	1	-12.21	5	-18.43	5	164.59	9	-15.60	33	-15.76	5	-233.32	18	-28.31	28
1 Max	-717	6.90	1	353.61	1	72.29	5	24.52	19	698.03	18	3.72	5	-4.97	5	221.32	18
1 Max	-757	10.63	1	386.23	5	66.29	5	15.65	18	714.19	18	4.04	5	-4.97	5	220.84	18
1 Max	-756	21.61	5	387.68	5	66.91	5	8.53	18	622.98	18	5.97	5	-4.91	5	220.84	18
1 Max	-716	16.76	5	354.28	5	72.92	5	18.13	19	606.62	18	5.29	5	-4.91	5	221.32	18
1 Min.	-717	-6.92	1	-353.27	1	-72.30	5	-3.68	28	182.83	1	-13.59	18	-21.25	28	27.33	5
1 Min.	-757	-10.64	1	-385.83	5	-66.31	5	0.22	1	185.37	1	-11.41	18	-21.25	28	27.02	5
1 Min.	-756	-21.61	5	-387.29	5	-66.94	5	-0.35	1	163.24	1	-6.41	5	-21.20	28	27.02	5
1 Min.	-716	-16.77	5	-353.95	5	-72.94	5	-5.64	28	160.61	1	-6.10	5	-21.20	28	27.33	5
1 Max	-716	8.92	5	331.65	1	78.23	5	15.07	19	613.87	18	5.28	5	1.26	1	301.67	18
1 Max	-756	13.72	1	260.90	1	63.44	5	12.46	18	624.57	18	6.47	5	1.26	1	301.77	18
1 Max	-755	39.73	1	259.10	1	65.30	5	5.30	1	500.04	18	9.36	18	1.15	1	301.77	18
1 Max	-715	32.46	1	329.86	1	80.10	5	6.07	19	489.38	18	6.51	18	1.15	1	301.67	18
1 Min.	-716	-8.93	5	-331.32	1	-78.28	5	-5.98	28	164.34	1	-7.69	5	-21.38	18	41.52	1
1 Min.	-756	-13.73	1	-260.57	1	-63.46	5	0.13	1	160.81	1	-5.31	5	-21.38	18	41.21	1
1 Min.	-755	-39.76	1	-258.77	1	-65.34	5	-5.27	1	122.67	1	-6.34	1	-21.59	18	41.21	1
1 Min.	-715	-32.49	1	-329.53	1	-80.16	5	-8.96	1	126.28	1	-6.27	5	-21.59	18	41.52	1
1 Max	-715	27.40	1	336.34	1	73.80	1	5.93	14	506.62	18	11.13	1	9.54	14	394.87	18
1 Max	-755	49.64	1	120.25	5	90.90	1	7.19	18	501.25	18	6.69	18	9.54	14	395.13	18
1 Max	-754	28.32	5	122.58	5	93.98	1	1.39	1	343.31	18	4.29	1	9.32	14	395.13	18
1 Max	-714	29.96	5	340.10	1	76.87	1	-4.49	1	348.78	18	5.50	1	9.32	14	394.87	18
1 Min.	-715	-27.43	1	-336.00	1	-73.87	1	-10.33	1	124.00	1	-9.88	1	-13.29	28	104.10	9
1 Min.	-755	-49.69	1	-120.08	5	-90.98	1	-4.04	1	123.48	1	-6.52	5	-13.29	28	103.84	9
1 Min.	-754	-28.33	5	-122.40	5	-94.07	1	-10.69	18	69.94	1	-11.03	1	-13.43	28	103.84	9
1 Min.	-714	-29.96	5	-339.76	1	-76.94	1	-19.14	18	70.45	1	-10.49	1	-13.43	28	104.10	9
1 Max	-714	20.64	5	212.00	1	120.01	1	-9.34	1	370.12	18	5.82	18	21.19	14	491.22	18
1 Max	-754	30.57	1	63.03	1	63.40	1	7.96	1	352.56	18	2.58	5	21.19	14	490.50	18
1 Max	-753	56.43	1	55.82	1	44.13	1	-4.16	1	114.41	18	-2.34	1	20.73	14	490.50	18
1 Max	-713	82.27	1	219.67	1	100.74	1	-18.86	1	131.60	18	5.48	1	20.73	14	491.22	18
1 Min.	-714	-20.64	5	-211.78	1	-120.13	1	-31.32	18	76.14	1	-9.10	5	-43.93	1	124.15	1
1 Min.	-754	-30.59	1	-63.03	1	-63.47	1	-6.19	1	81.52	1	-8.65	5	-43.93	1	123.87	1
1 Min.	-753	-56.38	1	-55.81	1	-44.18	1	-24.60	18	-6.02	1	-25.57	13	-44.06	1	123.87	1
1 Min.	-713	-82.19	1	-219.43	1	-100.85	1	-60.87	18	-11.22	1	-26.42	1	-44.06	1	124.15	1
1 Max	-713	65.70	1	53.99	1	14.29	5	-30.41	9	119.63	18	-0.39	1	-65.84	1	410.31	18
1 Max	-753	53.76	1	65.41	1	18.83	1	4.79	5	145.23	18	3.45	1	-65.84	1	405.48	18
1 Max	-752	41.34	1	66.64	1	3.74	5	4.22	5	49.44	1	11.76	1	-66.21	1	405.48	18
1 Max	-712	53.27	1	52.75	1	11.29	1	-31.10	9	45.85	1	7.92	1	-66.21	1	410.31	18
1 Min.	-713	-65.64	1	-53.93	1	-14.31	5	-87.78	18	6.98	1	-31.70	13	-217.61	18	121.70	5
1 Min.	-753	-53.72	1	-65.45	1	-18.86	1	0.81	5	24.71	1	-19.74	1	-217.61	18	120.43	5
1 Min.	-752	-41.30	1	-66.68	1	-3.76	5	-3.25	18	-24.18	1	-19.69	1	-217.96	18	120.43	5
1 Min.	-712	-53.22	1	-52.69	1	-11.29	1	-95.41	18	-43.01	1	-25.59	1	-217.96	18	121.70	5
1 Max	-680	19.38	5	360.87	1	173.58	5	48.96	19	695.25	18	4.58	5	6.58	1	266.39	18
1 Max	-717	21.71	5	354.40	5	117.83	5	45.97	19	703.19	18	3.37	5	6.58	1	266.21	18
1 Max	-716	43.49	5	355.24	5</												

Relazione di Calcolo – Ponte Torrente Gogna

1 Max	-713	158.29	1	227.27	1	203.98	1	-7.95	1	122.27	1	13.27	1	157.79	14	653.56	18
1 Max	-676	182.65	1	470.94	1	219.06	1	-10.66	1	136.51	1	14.19	18	157.79	14	653.75	18
1 Min.	-677	-79.14	1	-447.47	1	-209.62	1	-30.33	1	71.01	1	-18.73	1	-64.85	1	140.45	1
1 Min.	-714	-103.84	1	-204.03	1	-194.52	1	-25.05	1	80.17	1	-9.61	5	-64.85	1	139.88	1
1 Min.	-713	-158.14	1	-227.03	1	-204.19	1	-107.96	18	-15.05	1	-32.53	1	-51.81	1	139.88	1
1 Min.	-676	-182.48	1	-470.48	1	-219.28	1	-109.86	18	-24.36	1	-7.48	5	-51.81	1	140.45	1
1 Max	-676	141.22	1	56.53	1	358.41	1	-32.81	1	175.74	18	30.39	1	-128.14	1	1160.10	13
1 Max	-713	141.73	1	61.60	1	110.45	1	22.44	1	195.77	18	-7.43	5	-128.14	1	1156.82	13
1 Max	-712	227.69	1	70.19	1	69.18	1	-26.78	1	21.32	1	20.62	1	-128.01	1	1156.82	13
1 Max	43	227.18	1	65.12	1	186.28	1	-75.15	1	38.79	1	64.33	1	-128.01	1	1160.10	13
1 Min.	-676	-141.09	1	-56.47	1	-358.78	1	-170.99	18	6.78	1	-28.62	1	-668.82	18	201.79	1
1 Min.	-713	-141.60	1	-61.53	1	-110.57	1	-49.57	1	37.67	1	-26.67	13	-668.82	18	200.49	1
1 Min.	-712	-227.46	1	-70.11	1	-69.13	1	-130.46	18	-119.46	13	-40.41	1	-673.07	18	200.49	1
1 Min.	43	-226.96	1	-65.05	1	-186.47	1	-269.08	18	-137.01	13	-58.32	1	-673.07	18	201.79	1
1 Max	-641	25.08	5	376.88	1	204.84	5	63.01	19	684.74	18	4.97	5	2.57	1	260.25	18
1 Max	-680	30.07	5	360.05	1	192.15	5	60.86	19	695.32	18	3.65	5	2.57	1	259.35	18
1 Max	-679	62.78	5	358.61	1	191.39	5	42.32	19	599.35	18	6.00	5	2.34	1	259.35	18
1 Max	-640	57.79	5	375.43	1	204.08	5	44.83	19	588.41	18	11.73	18	2.34	1	260.25	18
1 Min.	-641	-25.12	5	-376.59	1	-204.83	5	-11.43	28	180.84	1	-5.74	5	-28.95	18	22.35	1
1 Min.	-680	-30.10	5	-359.74	1	-192.16	5	-3.87	28	185.87	1	-6.85	18	-28.95	18	22.64	1
1 Min.	-679	-62.84	5	-358.30	1	-191.41	5	-7.10	28	163.69	1	-6.59	5	-28.09	18	22.64	1
1 Min.	-640	-57.85	5	-375.15	1	-204.08	5	-14.59	28	158.44	1	-5.57	5	-28.09	18	22.35	1
1 Max	-640	51.14	5	400.17	1	203.66	5	48.09	19	598.53	18	14.15	18	12.89	1	343.35	18
1 Max	-679	54.67	5	376.48	1	185.87	5	41.24	19	613.02	18	4.88	5	12.89	1	342.83	18
1 Max	-678	95.45	5	374.10	1	181.29	5	16.00	19	487.79	18	12.48	18	12.50	1	342.83	18
1 Max	-639	91.92	5	397.77	1	199.07	5	23.07	19	473.08	18	26.90	18	12.50	1	343.35	18
1 Min.	-640	-51.20	5	-399.83	1	-203.67	5	-13.29	28	165.45	1	-5.61	5	-25.87	1	56.40	1
1 Min.	-679	-54.72	5	-376.13	1	-185.89	5	-7.99	28	159.72	1	-6.59	5	-25.87	1	55.48	1
1 Min.	-678	-95.54	5	-373.75	1	-181.33	5	-15.22	28	121.53	1	-6.58	5	-25.08	1	55.48	1
1 Min.	-639	-92.01	5	-397.44	1	-199.10	5	-20.39	28	127.44	1	-4.10	5	-25.08	1	56.40	1
1 Max	-639	82.82	5	483.52	1	184.27	5	29.43	19	493.91	18	28.43	18	39.90	14	427.05	18
1 Max	-678	87.62	5	397.00	1	174.87	5	12.71	19	500.82	18	10.93	18	39.90	14	426.30	18
1 Max	-677	143.01	1	393.51	1	160.21	5	-2.65	14	344.68	18	18.27	18	40.19	14	426.30	18
1 Max	-638	133.16	1	480.03	1	169.61	5	14.51	14	337.46	18	35.77	18	40.19	14	427.05	18
1 Min.	-639	-82.91	5	-483.08	1	-184.29	5	-17.23	28	122.93	1	-4.11	5	-18.63	1	104.47	1
1 Min.	-678	-87.70	5	-396.62	1	-174.93	5	-17.71	28	131.79	1	-6.64	5	-18.63	1	105.43	1
1 Min.	-677	-143.13	1	-393.13	1	-160.30	5	-29.61	28	78.30	1	-6.34	5	-17.48	1	105.43	1
1 Min.	-638	-133.27	1	-479.59	1	-169.65	5	-28.96	28	68.91	1	-3.81	5	-17.48	1	104.47	1
1 Max	-638	115.91	5	760.69	1	139.84	5	25.29	14	358.57	18	44.55	18	86.48	18	569.21	18
1 Max	-677	133.87	1	445.00	1	152.50	1	-11.84	14	373.98	18	9.38	18	86.48	18	568.38	18
1 Max	-676	151.25	5	446.18	1	244.05	1	-21.72	1	144.36	1	31.75	18	90.43	18	568.38	18
1 Max	-637	140.14	5	761.85	1	152.96	1	-6.81	14	121.82	1	66.92	18	90.43	18	569.21	18
1 Min.	-638	-116.00	5	-759.96	1	-139.89	5	-18.26	28	77.58	1	-3.69	1	-21.45	1	143.66	1
1 Min.	-677	-133.99	1	-444.57	1	-152.64	1	-47.63	18	66.16	1	-7.74	5	-21.45	1	142.68	1
1 Min.	-676	-151.33	5	-445.74	1	-244.28	1	-117.16	18	-24.48	1	-14.42	1	-19.11	1	142.68	1
1 Min.	-637	-140.19	5	-761.12	1	-153.11	1	-58.88	18	-12.71	1	2.27	1	-19.11	1	143.66	1
1 Max	-637	121.10	5	1678.29	1	143.73	1	56.08	14	243.23	1	70.75	18	457.23	13	896.53	13
1 Max	-676	176.44	1	31.80	1	383.39	1	-41.99	1	153.35	18	27.89	18	457.23	13	901.60	13
1 Max	43	189.87	1	61.39	1	656.80	1	-66.95	1	46.31	1	82.17	1	461.05	13	901.60	13
1 Max	42	353.76	1	1708.52	1	416.93	1	10.47	14	165.46	1	70.81	18	461.05	13	896.53	13
1 Min.	-637	-121.07	5	-1676.67	1	-143.87	1	-30.35	1	-100.16	1	-22.11	1	-95.85	1	211.77	1
1 Min.	-676	-176.56	1	-31.76	1	-383.76	1	-178.66	18	-3.66	1	-7.24	1	-95.85	1	199.68	1
1 Min.	43	-189.67	1	-61.32	1	-657.45	1	-237.69	18	-109.46	13	-80.41	1	-90.25	1	199.68	1
1 Min.	42	-353.40	1	-1706.88	1	-417.34	1	-47.02	18	-193.47	1	-23.75	1	-90.25	1	211.77	1
1 Max	-565	28.01	5	347.26	1	270.60	5	78.79	19	662.72	18	18.06	18	15.92	1	277.20	18
1 Max	-602	29.99	5	353.05	1	264.02	5	84.71	19	670.86	18	11.35	18	15.92	1	276.97	18
1 Max	-601	80.79	5	354.00	1	274.56	5	60.79	19	571.36	18	24.23	18	13.36	1	276.97	18
1 Max	-564	78.80	5	348.20	1	280.43	5	55.35	19	563.12	18	30.94	18	13.36	1	277.20	18
1 Min.	-565	-28.05	5	-347.10	1	-270.53	5	-14.42	28	177.46	1	-7.62	14	-64.06	18	3.93	1
1 Min.	-602	-30.02	5	-352.85	1	-263.98	5	-13.12	28	182.72	1	-5.86	5	-64.06	18	4.19	1
1 Min.	-601	-80.85	5	-353.80	1	-274.50	5	-14.04	5	161.46	1	-5.64	5	-61.89	18	4.19	1
1 Min.	-564	-78.86	5	-348.05	1	-280.34	5	-15.35	28	156.17	1	-7.18	1	-61.89	18	3.93	1
1 Max	-564	75.79	5	331.57	1	297.95	5	56.68	19	572.22	18	29.30	18	24.30	1	300.86	18
1 Max	-601	75.69	5	380.04	1	271.81	5	61.48	19	580.00	18	25.88	18	24.30	1	300.75	18
1 Max	-600	134.86	5	381.69	1	271.07	5	42.66	19	464.68	18	38.32	18	20.50	1	300.75	18
1 Max	-563	134.97	5	333.23	1	297.21	5	38.13	19	456.86	18	41.75	18	20.50	1	300.86	18
1 Min.	-564	-75.85	5	-331.38	1	-297.86	5	-15.36	28	159.34	1	-5.58	5	-56.24	18	58.41	5
1 Min.	-601	-75.74	5	-379.77	1	-271.73	5	-14.71	28	155.14	1	-7.76	1	-56.24	18	58.43	5
1 Min.	-600	-134.94	5	-381.43	1	-270.98	5	-16.27	5	120.45	1	-3.60	5	-54.72	18	58.43	5
1 Min.	-563	-135.05	5	-333.04	1	-297.11	5	-17.50	5	125.08	1	-4.87	5	-54.72	18	58.41	5
1 Max	-563	129.76	5	353.59	1	288.81	5	39.51	19	460.14	18	40.74	18	41.24	1	340.03	18
1 Max	-600	129.09	5	396.69	1	275.19	5	42.49	19	469.36	18	39.30	18	41.24	1	339.69	18
1 Max	-599	216.75	5	399.05	1	283.82	5	39.28	14	334.51	18	54.74	18	35.67	1	339.69	18
1 Max	-562	217.43	5	355.96	1	297.44	5	41.13	14	325.16	18	56.17	18	35.67	1	340.03	18
1 Min.	-563	-129.84	5	-353.34	1	-288.68	5	-17.76	5	116.24	1	-3.76	5	-54.28	1	39.58	1
1 Min.	-600	-129.16	5	-396.36	1	-275.11	5	-16.96	28	128.44	1	-5.86	1	-54.28	1	40.15	1
1 Min.	-599	-216.83	5	-398.73	1	-283.70	5	-24.81	1	79.12	1	-4.47	1	-48.83	18	40.15	1
1 Min.	-562	-217.52	5	-355.71	1	-297.27	5	-24.11	1	66.91	1	-13.21	1	-48.83	18	39.58	1
1 Max	-562	216.08	5	189.89	1	304.27	1	32.28	14	327.88	18	57.00	18	88.36	1	390.01	18
1 Max	-599	209.05	5	442.96	1	270.58	5	45.34	14	321.91	18	54.00	18	88.36	1		

Relazione di Calcolo – Ponte Torrente Gogna

1 Max	-601	71.54	5	351.90	1	256.17	5	56.96	19	572.22	18	25.19	18	5.34	1	262.92	18
1 Min.	-602	-31.27	5	-352.27	1	-253.18	5	-14.12	28	182.74	1	-6.88	14	-38.66	18	18.62	1
1 Min.	-641	-35.08	5	-376.69	1	-231.02	5	-10.13	28	180.59	1	-6.26	5	-38.66	18	17.98	1
1 Min.	-640	-75.44	5	-376.12	1	-233.66	5	-12.13	28	158.91	1	-5.11	5	-38.47	18	17.98	1
1 Min.	-601	-71.62	5	-351.70	1	-256.13	5	-16.04	28	161.31	1	-4.38	5	-38.47	18	18.62	1
1 Max	-601	66.44	5	377.93	1	253.41	5	57.38	19	581.30	18	25.69	18	11.81	1	321.74	18
1 Max	-640	68.71	5	401.13	1	233.27	5	56.04	19	596.29	18	14.03	18	11.81	1	321.00	18
1 Max	-639	127.23	5	400.33	1	235.35	5	32.99	19	477.29	18	26.95	18	11.39	1	321.00	18
1 Max	-600	124.96	5	377.14	1	256.00	5	34.63	19	462.00	18	38.61	18	11.39	1	321.74	18
1 Min.	-601	-66.52	5	-377.67	1	-253.36	5	-15.21	28	155.68	1	-4.19	5	-33.45	18	48.35	1
1 Min.	-640	-68.78	5	-400.79	1	-233.25	5	-13.22	28	164.69	1	-5.30	5	-33.45	18	48.91	1
1 Min.	-639	-127.32	5	-400.00	1	-235.32	5	-17.20	28	128.43	1	-4.36	5	-32.70	18	48.91	1
1 Min.	-600	-125.06	5	-376.88	1	-255.94	5	-19.11	28	119.23	1	-4.53	5	-32.70	18	48.35	1
1 Max	-600	119.18	5	392.13	1	260.12	5	38.59	19	471.80	18	40.28	18	24.50	1	385.14	18
1 Max	-639	118.13	5	486.08	1	224.17	5	31.06	19	486.73	18	25.27	18	24.50	1	384.48	18
1 Max	-638	185.94	5	483.97	1	209.07	5	15.29	14	345.19	18	38.80	18	23.72	1	384.48	18
1 Max	-599	186.99	5	390.02	1	245.03	5	27.04	14	329.99	18	53.82	18	23.72	1	385.14	18
1 Min.	-600	-119.27	5	-391.81	1	-260.06	5	-17.51	28	128.54	1	-3.75	5	-28.67	1	90.23	1
1 Min.	-639	-118.22	5	-485.64	1	-224.13	5	-19.07	28	121.13	1	-5.18	5	-28.67	1	88.82	1
1 Min.	-638	-186.06	5	-483.53	1	-209.01	5	-27.27	28	70.65	1	-3.16	5	-27.46	1	88.82	1
1 Min.	-599	-187.12	5	-389.70	1	-244.95	5	-25.56	28	78.52	1	-1.05	5	-27.46	1	90.23	1
1 Max	-599	179.28	5	433.93	1	231.75	5	39.20	14	329.07	18	42.84	18	97.32	13	386.74	18
1 Max	-638	170.85	5	764.60	1	186.23	5	-0.57	14	337.52	18	49.78	18	97.32	13	386.35	18
1 Max	-637	224.78	5	764.48	1	221.71	1	21.39	14	141.72	13	61.48	18	98.64	13	386.35	18
1 Max	-598	233.21	5	433.82	1	313.36	1	61.64	14	144.51	13	54.54	18	98.64	13	386.74	18
1 Min.	-599	-179.40	5	-433.54	1	-231.61	5	-23.96	5	55.94	1	-4.10	5	-33.77	1	88.45	1
1 Min.	-638	-170.94	5	-763.87	1	-186.18	5	-31.20	28	72.11	1	-1.36	1	-33.77	1	89.10	1
1 Min.	-637	-224.83	5	-763.75	1	-221.57	1	-35.92	1	-6.71	1	1.85	1	-32.66	1	89.10	1
1 Min.	-598	-233.29	5	-433.42	1	-313.13	1	-33.98	1	-23.21	1	-12.18	1	-32.66	1	88.45	1
1 Max	-598	242.22	5	16.64	1	456.20	1	59.13	14	116.08	1	42.44	18	257.12	1	255.52	18
1 Max	-637	206.46	5	1678.36	1	209.35	1	15.80	14	220.67	1	73.61	18	257.12	1	253.29	18
1 Max	42	355.63	1	1705.51	1	471.25	1	47.20	14	187.11	1	67.78	18	252.66	1	253.29	18
1 Max	-597	241.99	5	43.75	1	718.22	1	90.63	14	77.95	1	86.06	1	252.66	1	255.52	18
1 Min.	-598	-242.34	5	-16.62	1	-455.83	1	-36.54	1	-18.32	1	-12.35	1	-235.90	1	-14.30	1
1 Min.	-637	-206.42	5	-1676.75	1	-209.21	1	-45.12	1	-124.61	1	-21.98	1	-235.90	1	-1.18	1
1 Min.	42	-355.28	1	-1703.86	1	-470.82	1	-22.90	18	-168.32	1	-23.49	1	-231.38	1	-1.18	1
1 Min.	-597	-241.80	5	-43.70	1	-717.57	1	-23.67	1	-57.79	1	-82.86	1	-231.38	1	-14.30	1
1 Max	-521	41.66	5	381.20	5	148.06	5	36.56	1	49.38	14	14.70	1	308.45	18	-114.38	5
1 Max	-522	56.35	1	348.69	5	229.11	5	223.42	18	49.51	14	-8.27	1	641.66	13	-58.57	5
1 Max	-561	67.55	1	287.30	5	199.54	5	137.53	18	2.68	14	15.19	1	850.85	13	84.00	19
1 Max	38	50.58	1	445.57	5	115.86	5	32.52	1	-22.96	1	8.48	1	326.02	18	-73.84	5
1 Min.	-521	-41.64	5	-381.20	5	-148.14	5	-32.70	14	-28.16	5	-51.22	18	68.49	1	-702.61	13
1 Min.	-522	-56.30	1	-348.50	5	-229.22	5	30.45	1	-20.94	5	-95.53	18	179.85	1	-391.92	13
1 Min.	-561	-67.51	1	-287.11	5	-199.66	5	4.98	1	-30.84	5	-50.53	18	233.61	5	-4.02	28
1 Min.	38	-50.55	1	-445.57	5	-115.94	5	-53.48	14	-74.60	13	-83.57	18	76.22	1	-468.83	13
1 Max	-482	111.06	1	411.55	5	268.32	5	204.31	18	30.02	5	8.94	5	307.48	18	84.44	14
1 Max	-483	104.53	1	296.52	5	320.55	5	315.20	18	24.98	19	14.95	13	307.48	18	84.27	14
1 Max	-523	168.67	1	297.75	5	296.16	5	318.51	18	42.68	14	2.39	5	306.61	18	84.27	14
1 Max	-522	175.20	1	412.78	5	243.94	5	207.89	18	50.48	14	3.30	5	306.61	18	84.44	14
1 Min.	-482	-111.07	1	-411.56	5	-268.44	5	30.05	1	-31.93	5	-42.88	19	82.67	5	-16.87	1
1 Min.	-483	-104.54	1	-296.56	5	-320.69	5	73.26	1	-30.51	5	-40.39	19	82.67	5	-16.74	1
1 Min.	-523	-168.57	1	-297.77	5	-296.31	5	73.89	1	-26.18	5	-53.91	18	82.74	5	-16.74	1
1 Min.	-522	-175.10	1	-412.78	5	-244.06	5	28.67	1	-26.16	5	-56.71	18	82.74	5	-16.87	1
1 Max	-522	179.69	1	440.02	5	242.35	5	205.27	18	33.47	14	6.65	5	397.79	18	55.79	19
1 Max	-523	163.10	1	246.86	5	291.74	5	316.21	18	49.98	14	9.34	5	336.85	18	17.28	5
1 Max	-562	203.96	1	251.86	5	294.18	5	316.65	18	35.71	14	8.42	5	334.45	18	17.13	5
1 Max	-561	200.28	1	394.33	5	245.12	5	155.36	13	26.71	14	17.12	1	374.25	18	17.38	5
1 Min.	-522	-179.57	1	-439.95	5	-242.47	5	25.30	1	-27.69	5	-46.61	18	83.90	1	6.93	5
1 Min.	-523	-162.99	1	-246.90	5	-291.89	5	75.40	1	-24.65	5	-40.25	18	68.82	1	-51.80	13
1 Min.	-562	-203.79	1	-251.89	5	-294.39	5	70.54	1	-23.13	5	-41.45	18	68.11	1	-89.80	13
1 Min.	-561	-200.11	1	-394.35	5	-245.27	5	-5.59	1	-29.26	5	-37.94	18	79.74	1	-39.01	13
1 Max	-483	219.07	1	303.08	5	305.27	5	320.72	18	23.11	14	9.82	13	307.80	18	34.65	14
1 Max	-484	211.24	1	161.62	5	307.65	5	446.59	18	32.03	19	8.64	13	307.80	18	34.03	14
1 Max	-524	248.45	1	163.57	5	318.90	5	449.35	18	38.25	19	3.68	5	307.41	18	34.03	14
1 Max	-523	256.28	1	305.04	5	323.12	5	323.63	18	39.27	14	5.36	5	307.41	18	34.65	14
1 Min.	-483	-219.10	1	-303.13	5	-305.43	5	71.47	1	-29.59	5	-46.43	19	55.04	1	-10.44	1
1 Min.	-484	-211.27	1	-161.65	5	-307.81	5	117.34	1	-24.55	5	-44.52	19	55.04	1	-10.53	1
1 Min.	-524	-248.32	1	-163.59	5	-319.05	5	116.18	1	-20.52	5	-45.17	18	55.12	1	-10.53	1
1 Min.	-523	-256.15	1	-305.06	5	-323.26	5	69.61	1	-26.41	5	-47.08	18	55.12	1	-10.44	1
1 Max	-523	253.91	1	240.66	5	314.93	5	319.89	18	42.43	14	4.55	5	318.43	18	39.95	18
1 Max	-524	243.07	1	146.96	5	317.24	5	453.06	18	36.98	19	4.62	5	318.43	18	42.58	18
1 Max	-563	356.43	1	146.55	5	300.49	5	459.64	18	40.38	19	9.25	1	318.20	18	42.58	18
1 Max	-562	367.27	1	244.54	5	298.18	5	326.57	18	47.21	14	3.96	5	318.20	18	39.95	18
1 Min.	-523	-253.78	1	-240.65	5	-315.10	5	70.02	1	-24.62	5	-51.58	18	54.18	1	-5.83	1
1 Min.	-524	-242.95	1	-147.04	5	-317.39	5	116.17	1	-22.50	5	-40.76	18	54.18	1	-8.76	1
1 Min.	-563	-356.18	1	-146.61	5	-300.64	5	115.70	1	-20.77	5	-43.01	18	54.47	1	-8.76	1
1 Min.	-562	-367.01	1	-244.53	5	-298.35	5	68.94	1	-22.95	5	-53.83	18	54.47	1	-5.83	1
1 Max	-484	294.27	1	166.44	5	318.13	5	444.68	18	26.08	19	8.84	13	266.24	18	64.42	18
1 Max	-485	286.45	1	69.17	5	313.22	5	550.53	18	39.48	19	13.59	13	266.24	18	65.02	18
1 Max	-525	316.31	1	70.47	5	299.88	5	562.51	18	57.81	19	5.71	5	265.91	18		

Relazione di Calcolo – Ponte Torrente Gogna

1 Min.	-525	-327.73	1	-70.47	5	-293.01	5	158.09	1	-15.99	5	-35.33	18	21.14	14	-6.63	1
1 Min.	-526	-324.95	1	-32.96	5	-286.92	5	178.31	1	-14.63	28	-23.77	18	21.14	14	-7.75	1
1 Min.	-565	-347.31	1	-34.51	5	-275.34	5	177.22	1	-13.64	28	-18.69	18	20.99	14	-7.75	1
1 Min.	-564	-350.09	1	-72.70	5	-281.43	5	156.90	1	-14.74	5	-30.25	18	20.99	14	-6.63	1
1 Max	-486	305.77	1	6.91	5	270.15	5	627.31	18	30.57	19	12.99	14	161.17	19	183.94	18
1 Max	-487	304.24	1	17.47	5	253.88	5	678.98	18	35.34	19	15.90	13	161.17	19	184.63	18
1 Max	-527	326.88	1	13.03	1	253.44	5	706.95	18	94.18	19	12.78	14	161.29	19	184.63	18
1 Max	-526	328.40	1	13.59	5	268.70	5	655.26	18	89.11	19	9.92	14	161.29	19	183.94	18
1 Min.	-486	-305.80	1	-6.93	5	-270.23	5	178.57	1	-13.42	28	-25.61	18	-15.37	13	-3.90	5
1 Min.	-487	-304.28	1	-17.49	5	-253.96	5	184.68	1	-13.83	28	-10.79	19	-15.37	13	-3.87	5
1 Min.	-527	-326.79	1	-13.03	1	-253.52	5	185.14	1	-14.04	28	-11.12	18	-15.86	13	-3.87	5
1 Min.	-526	-328.32	1	-13.60	5	-268.78	5	179.08	1	-13.63	28	-26.00	18	-15.86	13	-3.90	5
1 Max	-526	327.26	1	25.66	5	263.21	5	649.85	18	75.84	19	10.63	14	220.11	19	52.54	18
1 Max	-527	326.55	1	14.09	5	257.60	5	711.77	18	90.05	19	11.67	14	216.16	18	54.53	18
1 Max	-566	334.02	1	17.90	5	257.10	5	736.52	18	97.85	19	12.07	13	216.48	18	52.52	18
1 Max	-565	334.19	1	31.54	5	271.14	5	658.02	18	79.24	19	8.41	14	219.83	19	50.95	18
1 Min.	-526	-327.18	1	-25.70	5	-263.29	5	179.95	1	-14.07	28	-20.82	18	-28.48	1	-8.98	5
1 Min.	-527	-326.46	1	-14.11	5	-257.66	5	184.09	1	-14.27	28	-10.17	18	-20.72	1	-13.42	1
1 Min.	-566	-333.90	1	-17.92	5	-257.16	5	187.49	1	-14.15	28	-5.20	5	-22.42	1	-8.42	5
1 Min.	-565	-334.07	1	-31.57	5	-271.21	5	182.28	1	-13.76	28	-15.45	18	-28.56	1	-7.08	5
1 Max	-445	221.04	1	517.07	5	336.73	5	215.99	18	30.99	5	22.77	13	323.51	18	30.89	1
1 Max	-446	213.15	1	337.08	5	371.33	5	322.32	18	23.81	5	18.07	5	323.51	18	30.52	1
1 Max	-483	106.06	1	334.57	5	331.27	5	312.12	18	28.41	14	9.01	1	323.25	18	30.52	1
1 Max	-482	113.97	1	514.56	5	296.68	5	205.87	18	34.29	5	14.18	13	323.25	18	30.89	1
1 Min.	-445	-221.22	1	-517.21	5	-336.90	5	22.59	1	-51.92	5	-38.84	19	44.94	5	-16.59	1
1 Min.	-446	-213.33	1	-337.13	5	-371.56	5	64.37	1	-40.16	5	-45.83	19	44.94	5	-17.01	1
1 Min.	-483	-106.08	1	-334.61	5	-331.43	5	72.70	1	-29.72	5	-45.06	19	45.51	5	-17.01	1
1 Min.	-482	-113.99	1	-514.68	5	-296.78	5	29.21	1	-41.33	5	-38.08	19	45.51	5	-16.59	1
1 Max	-446	331.50	1	344.67	5	362.10	5	321.88	18	25.39	5	16.54	5	280.00	18	55.72	13
1 Max	-447	318.86	1	158.46	5	353.99	5	439.61	18	18.31	19	20.48	13	280.00	18	55.55	13
1 Max	-484	207.94	1	154.94	5	328.11	5	442.61	18	31.23	19	11.42	13	279.70	18	55.55	13
1 Max	-483	220.60	1	341.13	5	336.22	5	325.00	18	31.11	14	7.39	5	279.70	18	55.72	13
1 Min.	-446	-331.75	1	-344.72	5	-362.27	5	69.32	1	-37.56	5	-44.44	19	52.84	5	0.61	1
1 Min.	-447	-319.10	1	-158.46	5	-354.14	5	113.49	1	-26.43	5	-42.42	19	52.84	5	-0.21	1
1 Min.	-484	-207.97	1	-154.91	5	-328.27	5	116.38	1	-22.65	5	-44.41	19	52.67	5	-0.21	1
1 Min.	-483	-220.63	1	-341.17	5	-336.40	5	72.45	1	-33.16	5	-46.44	19	52.67	5	0.61	1
1 Max	-447	314.72	1	158.35	5	319.38	5	444.38	18	17.35	5	19.72	13	231.04	18	54.39	19
1 Max	-448	310.56	1	47.16	5	295.64	5	540.13	18	23.56	19	17.94	13	231.04	18	54.86	19
1 Max	-485	286.81	1	48.56	5	304.49	5	546.01	18	42.50	19	10.40	14	230.81	18	54.86	19
1 Max	-484	290.98	1	159.76	5	324.28	5	450.36	18	34.50	19	12.14	13	230.81	18	54.39	19
1 Min.	-447	-314.91	1	-158.34	5	-319.52	5	124.50	1	-25.02	5	-43.10	19	32.37	1	-12.61	1
1 Min.	-448	-310.75	1	-47.15	5	-295.76	5	157.79	1	-18.21	5	-38.72	19	32.37	1	-12.98	1
1 Min.	-485	-286.85	1	-48.54	5	-304.60	5	152.19	1	-17.33	5	-39.41	18	32.28	1	-12.98	1
1 Min.	-484	-291.03	1	-159.73	5	-324.42	5	118.77	1	-24.51	5	-43.74	19	32.28	1	-12.61	1
1 Max	-448	308.29	1	43.74	5	280.40	5	538.75	18	20.22	19	16.17	13	177.22	18	94.57	19
1 Max	-449	304.82	1	12.70	1	260.46	5	611.06	18	26.98	19	17.69	13	177.22	18	94.70	19
1 Max	-486	305.82	1	12.60	1	260.58	5	628.94	18	53.25	19	13.70	14	177.29	18	94.70	19
1 Max	-485	309.30	1	49.43	5	280.48	5	556.60	18	46.44	19	12.16	13	177.29	18	94.57	19
1 Min.	-448	-308.46	1	-43.73	5	-280.49	5	156.15	1	-17.83	5	-39.09	19	17.65	5	-5.36	1
1 Min.	-449	-304.98	1	-12.69	1	-260.55	5	176.23	1	-13.46	5	-25.49	19	17.65	5	-5.66	1
1 Min.	-486	-305.85	1	-12.58	1	-260.68	5	177.75	1	-13.81	5	-25.45	18	17.73	5	-5.66	1
1 Min.	-485	-309.33	1	-49.41	5	-280.58	5	157.81	1	-18.03	5	-39.03	19	17.73	5	-5.36	1
1 Max	-449	284.30	1	15.22	5	236.29	5	610.99	18	29.82	19	17.09	13	132.21	19	94.45	19
1 Max	-450	285.55	1	35.61	5	224.39	5	653.27	18	34.04	19	17.43	14	132.21	19	94.43	19
1 Max	-487	304.46	1	27.86	5	243.12	5	676.11	18	54.99	19	14.80	14	131.17	18	94.43	19
1 Max	-486	304.50	1	12.73	1	250.64	5	634.16	18	50.78	19	14.26	13	131.17	18	94.45	19
1 Min.	-449	-284.43	1	-15.21	5	-236.37	5	180.99	1	-13.41	5	-25.48	19	-23.64	1	-8.37	1
1 Min.	-450	-285.68	1	-35.61	5	-224.45	5	187.42	1	-12.18	28	-10.92	18	-23.64	1	-8.50	1
1 Min.	-487	-304.49	1	-27.85	5	-243.18	5	184.85	1	-14.31	28	-11.08	18	-23.72	1	-8.50	1
1 Min.	-486	-304.53	1	-12.71	1	-250.72	5	178.32	1	-14.03	5	-25.44	19	-23.72	1	-8.37	1
1 Max	-334	59.58	5	410.22	5	94.99	5	6.36	5	568.67	18	16.62	18	26.59	28	89.56	18
1 Max	-370	43.71	5	368.27	1	122.24	5	6.87	5	578.87	18	22.51	19	26.59	28	89.72	18
1 Max	-369	43.16	1	365.79	1	87.59	5	4.75	5	536.27	18	32.98	19	26.27	28	89.72	18
1 Max	-333	53.16	5	408.32	5	60.33	5	4.28	5	526.13	18	27.08	19	26.27	28	89.56	18
1 Min.	-334	-59.55	5	-410.53	5	-95.02	5	-18.96	18	185.29	1	-15.76	14	-68.71	19	23.49	1
1 Min.	-370	-43.67	5	-368.57	1	-122.24	5	-10.72	23	180.39	1	-16.96	13	-68.71	19	23.31	1
1 Min.	-369	-43.11	1	-366.09	1	-87.58	5	-13.43	23	157.63	1	-17.48	13	-68.67	19	23.31	1
1 Min.	-333	-53.11	5	-408.63	5	-60.36	5	-16.30	18	162.94	1	-16.27	13	-68.67	19	23.49	1
1 Max	-333	46.45	5	419.94	1	46.22	5	3.57	5	520.31	18	27.38	19	31.88	1	172.82	18
1 Max	-369	36.00	1	358.64	1	96.23	5	6.47	5	522.22	18	32.68	19	31.88	1	173.15	18
1 Max	-368	76.57	1	355.25	1	187.12	5	1.77	5	447.22	18	35.51	19	30.48	1	173.15	18
1 Max	-332	84.26	1	416.57	1	137.11	5	0.26	1	445.44	18	30.22	19	30.48	1	172.82	18
1 Min.	-333	-46.40	5	-420.30	1	-46.24	5	-14.36	18	158.96	1	-14.30	13	-31.74	19	56.70	1
1 Min.	-369	-35.95	1	-358.99	1	-96.23	5	-13.10	23	164.66	1	-19.44	13	-31.74	19	57.61	1
1 Min.	-368	-76.48	1	-355.60	1	-187.15	5	-20.44	28	126.31	1	-20.94	13	-31.96	19	57.61	1
1 Min.	-332	-84.17	1	-416.92	1	-137.16	5	-21.01	13	120.78	1	-19.03	5	-31.96	19	56.70	1
1 Max	-332	72.70	1	373.65	1	183.40	5	-1.35	1	434.40	18	30.88	19	30.48	1	253.41	18
1 Max	-368	64.57	1	451.12	1	268.09	5	5.47	5	437.57	18	34.81	19	30.48	1	253.39	18
1 Max	-367	261.17	5	454.14	1	285.49	5	-5.77	5	332.40	18	38.60	19	28.76	1	253.39	18
1 Max	-331	262.54	5	372.92	1	191.16	5	-10.34	1	329.22	18	34.66	19	28.76	1		

Relazione di Calcolo – Ponte Torrente Gogna

1 Min.	-411	-41.38	5	-313.52	1	-163.13	5	-12.38	28	185.01	1	-16.99	14	-146.74	19	-14.57	1
1 Min.	-410	-39.85	5	-312.69	1	-156.18	5	-13.21	28	177.89	1	-17.45	13	-146.49	19	-14.57	1
1 Min.	-370	-55.97	5	-355.43	1	-135.21	5	-23.03	18	183.21	1	-17.50	13	-146.49	19	-14.37	1
1 Max	-370	49.35	5	368.43	1	144.36	5	7.05	5	584.12	18	23.41	19	17.69	28	125.93	18
1 Max	-410	32.95	5	297.02	1	164.76	5	24.76	19	597.34	18	28.83	19	17.69	28	126.19	18
1 Max	-409	34.84	1	295.40	1	199.50	5	24.56	19	542.10	18	37.53	19	17.47	28	126.19	18
1 Max	-369	40.98	5	366.67	1	182.65	5	6.75	5	528.98	18	32.12	19	17.47	28	125.93	18
1 Min.	-370	-49.32	5	-368.73	1	-144.32	5	-16.46	18	180.12	1	-16.64	13	-89.35	19	20.10	1
1 Min.	-410	-32.91	5	-297.23	1	-164.72	5	-13.08	5	181.84	1	-18.32	13	-89.35	19	20.80	1
1 Min.	-409	-34.77	1	-295.60	1	-199.47	5	-17.85	5	160.13	1	-19.47	13	-89.02	19	20.80	1
1 Min.	-369	-40.93	5	-366.96	1	-182.62	5	-17.33	18	158.25	1	-17.80	13	-89.02	19	20.10	1
1 Max	-369	30.75	1	359.51	1	191.29	5	4.37	5	526.12	18	32.08	19	20.33	1	194.88	18
1 Max	-409	30.46	1	337.94	1	246.25	5	17.07	19	531.45	18	37.55	19	20.33	1	194.88	18
1 Max	-408	107.50	5	338.70	1	275.96	5	14.67	19	448.02	18	41.67	19	19.93	1	194.88	18
1 Max	-368	99.56	5	354.03	1	218.56	5	4.53	5	442.69	18	36.19	19	19.93	1	194.88	18
1 Min.	-369	-30.70	1	-359.86	1	-191.27	5	-15.21	23	163.82	1	-19.10	13	-50.51	19	51.65	1
1 Min.	-409	-30.40	1	-338.20	1	-246.21	5	-18.67	5	154.77	1	-18.15	13	-50.51	19	51.33	1
1 Min.	-408	-107.42	5	-338.96	1	-275.88	5	-25.56	5	118.42	1	-20.31	13	-50.16	19	51.33	1
1 Min.	-368	-99.49	5	-354.38	1	-218.51	5	-19.00	23	127.64	1	-21.26	13	-50.16	19	51.65	1
1 Max	-368	100.75	5	455.92	1	306.96	5	0.88	5	440.39	18	37.21	19	27.82	1	266.94	18
1 Max	-408	110.84	5	359.41	1	289.25	5	16.30	5	437.13	18	40.65	19	27.82	1	267.06	18
1 Max	-407	307.79	5	362.93	1	319.68	5	14.12	5	326.68	18	39.72	19	27.00	1	267.06	18
1 Max	-367	297.71	5	459.29	1	337.40	5	-1.63	5	329.99	18	36.28	19	27.00	1	266.94	18
1 Min.	-368	-100.69	5	-456.37	1	-306.89	5	-21.48	13	121.10	1	-19.74	5	-44.38	14	93.35	1
1 Min.	-408	-110.77	5	-359.72	1	-289.15	5	-26.72	5	126.45	1	-23.89	13	-44.38	14	95.08	1
1 Min.	-407	-307.73	5	-363.24	1	-319.60	5	-37.93	5	76.36	1	-27.59	13	-44.76	14	95.08	1
1 Min.	-367	-297.66	5	-459.75	1	-337.35	5	-35.09	13	69.81	1	-26.67	5	-44.76	14	93.35	1
1 Max	-367	299.40	5	575.23	1	313.68	5	-2.83	19	318.42	18	31.48	19	79.03	1	302.51	18
1 Max	-407	302.80	5	460.76	1	393.83	5	19.66	5	317.31	18	44.47	19	79.03	1	301.46	18
1 Max	-406	630.96	5	463.21	1	441.32	5	25.14	5	209.99	18	45.75	19	78.28	1	301.46	18
1 Max	-366	627.56	5	577.66	1	361.17	5	1.24	1	210.76	18	32.76	19	78.28	1	302.51	18
1 Min.	-367	-299.37	5	-575.80	1	-313.62	5	-40.00	13	93.14	1	-32.40	5	-84.50	1	85.90	1
1 Min.	-407	-302.75	5	-461.18	1	-393.74	5	-41.59	5	51.96	1	-21.45	5	-84.50	1	83.22	1
1 Min.	-406	-630.91	5	-463.63	1	-441.13	5	-50.95	5	1.44	1	-38.50	1	-84.05	1	83.22	1
1 Min.	-366	-627.53	5	-578.23	1	-361.02	5	-44.04	13	41.60	1	-39.83	5	-84.05	1	85.90	1
1 Max	-366	597.02	5	1442.12	1	418.96	5	5.63	1	223.88	1	28.83	19	169.41	1	300.43	18
1 Max	-406	631.92	5	44.22	1	435.89	1	36.58	5	193.20	18	49.69	19	169.41	1	300.08	18
1 Max	-405	1192.69	5	88.81	1	610.55	1	44.57	5	68.99	1	71.80	1	165.60	1	300.08	18
1 Max	33	1240.39	5	1486.48	1	460.54	1	13.14	19	148.27	1	32.04	1	165.60	1	300.43	18
1 Min.	-366	-597.07	5	-1443.52	1	-418.78	5	-45.87	1	-58.11	1	-55.34	1	-206.39	1	83.35	1
1 Min.	-406	-631.83	5	-44.26	1	-435.56	1	-59.37	5	24.93	1	-25.65	5	-206.39	1	78.83	1
1 Min.	-405	-1193.02	5	-88.89	1	-610.03	1	-59.89	5	-60.12	1	-76.73	1	-202.91	1	78.83	1
1 Min.	33	-1240.84	5	-1487.92	1	-460.17	1	-33.99	13	-142.36	1	-58.83	1	-202.91	1	83.35	1
1 Max	-411	45.43	5	313.31	1	170.71	5	16.76	19	639.40	18	12.36	18	19.48	1	143.06	18
1 Max	-450	39.19	5	284.92	1	202.39	5	54.57	19	654.99	18	9.94	18	19.48	1	143.24	18
1 Max	-449	34.42	5	285.13	1	231.15	5	46.51	19	612.91	18	26.52	19	17.55	1	143.24	18
1 Max	-410	40.66	5	313.51	1	203.86	5	9.67	5	597.37	18	28.81	19	17.55	1	143.06	18
1 Min.	-411	-45.42	5	-313.49	1	-170.66	5	-10.64	28	184.82	1	-17.70	14	-228.25	19	-5.95	5
1 Min.	-450	-39.17	5	-285.05	1	-202.32	5	-12.66	28	187.35	1	-17.79	14	-228.25	19	-5.82	5
1 Min.	-449	-34.38	5	-285.26	1	-231.09	5	-13.62	28	181.02	1	-16.83	13	-226.79	19	-5.82	5
1 Min.	-410	-40.63	5	-313.69	1	-203.82	5	-12.36	5	178.33	1	-16.60	13	-226.79	19	-5.95	5
1 Max	-410	33.71	5	297.99	1	208.24	5	20.11	19	602.63	18	28.11	19	26.23	1	169.36	18
1 Max	-449	30.91	5	304.50	1	259.56	5	35.68	19	609.35	18	27.19	19	26.23	1	169.32	18
1 Max	-448	34.92	5	305.11	1	270.12	5	27.40	19	541.96	18	37.37	19	23.25	1	169.32	18
1 Max	-409	32.11	5	296.91	1	222.80	5	12.64	5	535.23	18	38.30	19	23.25	1	169.36	18
1 Min.	-410	-33.69	5	-298.20	1	-208.19	5	-12.15	5	181.50	1	-17.67	13	-97.58	19	4.26	1
1 Min.	-449	-30.87	5	-304.66	1	-259.49	5	-13.51	28	176.48	1	-15.73	13	-97.58	19	4.07	1
1 Min.	-448	-34.87	5	-305.27	1	-270.02	5	-18.52	5	155.57	1	-18.19	13	-96.15	19	4.07	1
1 Min.	-409	-32.07	5	-297.11	1	-222.73	5	-17.49	5	160.66	1	-20.13	13	-96.15	19	4.26	1
1 Max	-409	34.51	5	340.36	1	269.84	5	15.08	19	534.95	18	37.22	19	27.32	1	217.68	18
1 Max	-448	38.86	5	307.38	1	285.43	5	24.23	19	537.89	18	38.46	19	27.32	1	217.70	18
1 Max	-447	124.30	5	312.13	1	314.28	5	18.73	19	446.87	18	43.28	19	22.17	1	217.70	18
1 Max	-408	122.48	5	345.10	1	298.70	5	12.83	5	443.93	18	42.04	19	22.17	1	217.68	18
1 Min.	-409	-34.47	5	-340.63	1	-269.76	5	-17.21	5	153.75	1	-19.36	13	-54.45	19	49.66	5
1 Min.	-448	-38.81	5	-307.57	1	-285.31	5	-18.28	5	157.73	1	-18.99	13	-54.45	19	49.73	5
1 Min.	-447	-124.26	5	-312.31	1	-314.17	5	-25.61	5	124.29	1	-18.66	13	-54.11	19	49.73	5
1 Min.	-408	-122.45	5	-345.36	1	-298.62	5	-24.61	5	120.00	1	-19.03	13	-54.11	19	49.66	5
1 Max	-408	126.42	5	365.81	1	311.98	5	11.09	5	440.11	18	41.06	19	47.09	1	264.37	18
1 Max	-447	124.41	5	316.26	1	348.90	5	16.49	19	438.43	18	44.23	19	47.09	1	264.28	18
1 Max	-446	347.89	5	319.83	1	397.28	5	26.58	5	323.07	18	42.58	19	40.73	1	264.28	18
1 Max	-407	347.03	5	369.37	1	360.38	5	22.27	5	324.70	18	39.40	19	40.73	1	264.37	18
1 Min.	-408	-126.39	5	-366.12	1	-311.88	5	-24.29	5	124.91	1	-22.51	13	-42.70	1	38.36	1
1 Min.	-447	-124.37	5	-316.50	1	-348.78	5	-25.93	5	114.09	1	-15.12	13	-42.70	1	37.96	1
1 Min.	-446	-347.86	5	-320.06	1	-397.10	5	-37.41	5	67.08	1	-24.31	1	-43.22	14	37.96	1
1 Min.	-407	-347.01	5	-369.68	1	-360.21	5	-36.66	5	77.91	1	-28.96	13	-43.22	14	38.36	1
1 Max	-407	342.04	5	467.20	1	434.52	5	20.58	5	320.45	18	42.40	19	34.75	1	355.52	18
1 Max	-446	346.60	5	201.47	1	406.60	5	32.99	14	325.60	18	39.57	19	34.75	1	355.11	18
1 Max	-445	587.57	5	224.90	1	367.62	5	39.30	5	213.06	18	45.05	19	23.46	1	355.11	18
1 Max	-406	598.38	5	490.62	1	395.50	5	33.71	5	207.77	18	47.89	19	23.46	1	355.52	18
1 Min.	-407	-342.04	5	-467.63	1	-434.34	5	-37.60	5	50.69	1						

Relazione di Calcolo – Ponte Torrente Gogna

1 Min.	-332	-45.09	1	-419.34	1	-31.11	1	-17.04	13	121.11	1	-16.17	5	-31.96	19	65.76	5
1 Min.	-293	-53.91	1	-462.60	5	-53.76	1	-15.53	13	125.59	1	-15.86	5	-31.96	19	65.50	5
1 Max	-293	47.42	1	419.56	1	118.55	5	-2.62	1	435.37	18	28.99	19	58.96	1	249.99	13
1 Max	-332	35.59	1	376.22	1	66.34	1	-1.19	5	434.09	18	33.21	19	58.96	1	250.09	13
1 Max	-331	127.97	1	370.90	1	288.35	5	3.62	1	330.07	18	32.22	19	51.89	1	250.09	13
1 Max	-292	141.83	1	414.55	1	149.81	5	5.30	1	331.48	18	28.00	19	51.89	1	249.99	13
1 Min.	-293	-47.37	1	-419.90	1	-118.62	5	-15.08	13	123.64	1	-13.22	5	-37.47	1	60.54	1
1 Min.	-332	-35.55	1	-376.63	1	-66.43	1	-15.87	23	132.22	1	-18.91	5	-37.47	1	61.25	1
1 Min.	-331	-127.85	1	-371.31	1	-288.49	5	-32.22	1	76.45	1	-20.50	5	-32.67	1	61.25	1
1 Min.	-292	-141.71	1	-414.89	1	-149.93	5	-30.99	13	67.71	1	-20.59	1	-32.67	1	60.54	1
1 Max	-292	131.62	1	326.94	1	337.86	5	5.59	1	329.02	18	33.14	19	15.61	5	398.51	13
1 Max	-331	113.45	1	571.66	1	503.57	5	8.34	1	335.68	18	27.02	19	15.61	5	398.45	13
1 Max	-330	858.11	5	563.21	1	525.71	5	-0.38	1	225.59	18	33.45	19	12.24	5	398.45	13
1 Max	-291	881.47	5	386.93	5	360.05	5	-2.77	1	218.85	18	41.39	18	12.24	5	398.51	13
1 Min.	-292	-131.50	1	-327.27	1	-338.06	5	-33.28	1	69.53	1	-11.42	5	-79.31	13	75.59	1
1 Min.	-331	-113.35	1	-572.21	1	-503.65	5	-30.70	1	66.16	1	-34.73	1	-79.31	13	77.64	1
1 Min.	-330	-858.31	5	-563.78	1	-525.83	5	-57.69	13	8.94	1	-19.26	5	-79.93	13	77.64	1
1 Min.	-291	-881.65	5	-387.29	5	-360.28	5	-66.60	13	11.91	1	-6.65	5	-79.93	13	75.59	1
1 Max	-291	808.24	5	407.36	5	461.19	5	22.54	1	222.64	18	42.67	18	367.29	13	590.94	13
1 Max	-330	852.50	5	239.01	1	458.62	1	-20.71	1	213.47	18	33.21	19	367.29	13	592.03	13
1 Max	29	1283.19	5	267.59	1	257.78	1	-55.66	5	61.76	1	52.68	1	378.02	18	592.03	13
1 Max	-290	1238.94	5	374.61	5	238.07	5	-19.55	5	44.86	1	47.68	1	378.02	18	590.94	13
1 Min.	-291	-808.40	5	-407.44	5	-461.29	5	-38.10	1	50.23	1	-2.58	5	82.28	1	181.60	1
1 Min.	-330	-852.66	5	-239.25	1	-459.00	1	-98.48	13	23.13	1	-19.88	5	82.28	1	181.89	1
1 Min.	29	-1283.59	5	-267.86	1	-258.03	1	-179.53	13	-112.57	1	-58.09	1	89.74	1	181.89	1
1 Min.	-290	-1239.32	5	-374.71	5	-238.05	5	-99.74	13	-84.94	1	-29.75	1	89.74	1	181.60	1
1 Max	-252	1296.26	5	418.71	5	46.97	5	208.81	18	-0.83	5	-1.79	5	302.17	13	31.60	1
1 Max	-253	1262.41	5	70.90	5	322.93	5	306.01	18	4.96	1	10.19	5	302.17	13	31.78	1
1 Max	-292	343.04	1	86.08	5	149.83	1	323.55	18	-7.80	1	13.45	5	302.48	13	31.78	1
1 Max	-291	336.64	1	279.74	5	320.63	5	225.69	18	-13.53	5	4.61	5	302.48	13	31.60	1
1 Min.	-252	-1296.16	5	-418.68	5	-46.91	5	15.44	1	-17.43	13	-35.76	18	105.53	5	-32.81	1
1 Min.	-253	-1262.30	5	-70.87	5	-322.82	5	71.92	1	-7.90	1	-24.26	19	105.53	5	-32.76	1
1 Min.	-292	-343.38	1	-86.10	5	-149.67	1	68.10	1	-25.45	13	-32.18	19	106.76	5	-32.76	1
1 Min.	-291	-336.98	1	-279.76	5	-320.52	5	14.50	1	-36.75	13	-42.71	18	106.76	5	-32.81	1
1 Max	-253	978.70	5	36.17	5	96.75	1	327.90	18	1.57	1	10.52	5	232.21	18	12.08	14
1 Max	-254	976.88	5	59.62	1	107.89	1	425.67	18	6.43	1	14.24	5	232.21	18	12.43	14
1 Max	-293	418.57	1	47.65	5	66.56	5	432.69	18	1.35	1	18.66	5	233.16	18	12.43	14
1 Max	-292	422.64	1	35.15	5	160.47	5	334.54	18	-4.31	1	14.49	5	233.16	18	12.08	14
1 Min.	-253	-978.80	5	-36.15	5	-96.64	1	67.98	1	-12.29	13	-25.56	19	88.07	5	-13.62	28
1 Min.	-254	-976.99	5	-59.56	1	-107.80	1	120.76	1	-4.61	1	-20.74	19	88.07	5	-13.60	5
1 Min.	-293	-418.92	1	-47.62	5	-66.50	5	122.56	1	-10.70	1	-26.06	19	88.90	5	-13.60	5
1 Min.	-292	-423.00	1	-35.17	5	-160.39	5	70.44	1	-20.39	13	-30.88	19	88.90	5	-13.62	28
1 Max	-254	930.50	5	44.12	1	48.21	5	440.92	18	5.24	1	16.70	5	150.83	18	11.92	19
1 Max	-255	936.22	5	65.38	5	70.78	5	509.57	18	3.19	28	15.84	13	150.83	18	11.54	19
1 Max	-294	461.73	5	15.28	5	42.76	1	514.05	18	0.94	5	14.44	5	151.74	18	11.54	19
1 Max	-293	456.01	5	43.31	1	71.48	1	445.03	18	1.63	1	14.41	5	151.74	18	11.92	19
1 Min.	-254	-930.78	5	-44.08	1	-48.17	5	121.92	1	-5.59	1	-18.96	19	40.17	1	-20.47	28
1 Min.	-255	-936.51	5	-65.37	5	-70.76	5	159.30	1	-4.45	19	-14.85	19	40.17	1	-20.42	28
1 Min.	-294	-462.05	5	-15.28	5	-42.71	1	162.98	1	-7.29	18	-23.74	19	40.63	1	-20.42	28
1 Min.	-293	-456.33	5	-43.27	1	-71.41	1	125.58	1	-9.24	1	-27.84	19	40.63	1	-20.47	28
1 Max	-255	865.18	5	56.20	5	22.90	1	519.66	18	2.80	1	14.88	13	80.81	13	24.52	19
1 Max	-256	860.86	5	19.59	5	34.06	5	556.23	18	5.32	1	14.68	14	80.81	13	24.24	19
1 Max	-295	562.67	5	17.39	5	15.50	5	563.85	18	2.72	1	14.61	14	81.27	18	24.24	19
1 Max	-294	566.99	5	25.81	5	38.54	5	527.01	18	0.30	5	14.82	13	81.27	18	24.52	19
1 Min.	-255	-865.54	5	-56.20	5	-22.87	1	162.50	1	-4.84	19	-16.88	19	22.75	5	-22.80	28
1 Min.	-256	-861.22	5	-19.57	5	-34.03	5	184.32	1	-6.11	19	-15.12	5	22.75	5	-22.83	28
1 Min.	-295	-562.99	5	-17.37	5	-15.49	5	182.04	1	-5.19	18	-15.50	5	23.50	5	-22.83	28
1 Min.	-294	-567.31	5	-25.80	5	-38.53	5	159.92	1	-5.81	23	-21.70	19	23.50	5	-22.80	28
1 Max	-256	857.48	5	18.39	5	6.15	5	562.26	18	5.23	1	14.16	14	35.05	1	31.96	19
1 Max	-257	860.15	5	38.86	5	12.61	5	566.16	18	5.37	28	13.40	14	35.05	1	31.84	19
1 Max	-296	587.14	5	11.57	5	24.33	5	575.49	18	2.10	5	14.37	14	34.70	1	31.84	19
1 Max	-295	584.47	5	15.21	5	33.21	5	571.34	18	2.36	1	15.13	14	34.70	1	31.96	19
1 Min.	-256	-857.87	5	-18.38	5	-6.15	5	184.57	1	-6.32	19	-15.15	5	-22.76	1	-26.73	28
1 Min.	-257	-860.55	5	-38.87	5	-12.61	5	191.29	1	-7.81	19	-15.62	5	-22.76	1	-26.83	28
1 Min.	-296	-587.46	5	-11.57	5	-24.32	5	190.85	1	-5.01	18	-16.22	5	-21.81	1	-26.83	28
1 Min.	-295	-584.78	5	-15.19	5	-33.19	5	183.91	1	-3.99	23	-15.02	5	-21.81	1	-26.73	28
1 Max	-521	428.26	5	20.80	1	55.48	5	61.16	14	4.57	1	50.12	18	925.49	13	33.20	1
1 Max	38	432.99	5	79.28	1	60.71	5	-31.54	1	17.48	1	55.54	18	925.49	13	34.29	1
1 Max	-560	495.58	5	104.24	1	49.10	1	-1.21	1	29.77	1	52.58	1	923.21	13	34.29	1
1 Max	-520	490.84	5	12.67	5	34.92	5	85.08	14	34.00	13	36.21	18	923.21	13	33.20	1
1 Min.	-521	-428.26	5	-20.79	1	-55.45	5	-27.97	5	-76.12	13	-6.47	5	94.73	1	-608.64	13
1 Min.	38	-433.00	5	-79.35	1	-60.70	5	-120.66	13	-117.93	13	-25.41	1	94.73	1	-610.19	13
1 Min.	-560	-495.73	5	-104.32	1	-49.19	1	-93.81	13	-30.16	1	-47.74	1	95.47	1	-610.19	13
1 Min.	-520	-490.99	5	-12.68	5	-34.97	5	-39.93	1	-0.58	1	-26.93	1	95.47	1	-608.64	13
1 Max	-688	9.59	5	700.48	5	57.58	5	-60.57	5	-137.67	1	4.72	29	102.67	24	-374.12	5
1 Max	-725	18.97	5	794.28	5	38.90	5	-46.94	5	-142.13	1	34.58	33	102.67	24	-374.44	5
1 Max	-724	19.77	5	794.33	5	46.58	5	-20.83	5	-43.62	34	17.28	29	106.04	34	-374.44	5
1 Max	-687	10.37	5	700.54	5	65.26	5	-24.72	34	-25.02	34	-6.33	5	106.04	34	-374.12	5
1 Min.	-688	-9.59	5	-700.25	5	-57.56	5	-176.71	18	-466.09	18	-26.51	18	-96.35	28	-1148.98	18
1 Min.	-725	-18.97	5	-794.01	5	-38.88	5	-143.02	18	-481.17	18	7.13	19	-96.35	28	-1150.45	18
1 Min.	-724	-19.77	5	-794.07	5	-46.57	5</										

Relazione di Calcolo – Ponte Torrente Gogna

1 Min.	-721	-1.11	1	-655.99	5	-49.24	5	-6.40	28	133.55	29	-24.96	13	-16.30	18	-440.80	18
1 Max	-721	6.33	5	594.34	5	53.30	5	27.16	19	524.75	18	-3.49	5	36.92	19	-62.07	1
1 Max	-761	9.35	5	750.89	5	47.56	5	6.42	33	529.08	18	-6.22	5	36.92	19	-62.32	1
1 Max	-760	18.37	5	751.77	5	48.39	5	11.33	18	700.27	18	-4.04	5	38.09	19	-62.32	1
1 Max	-720	2.78	5	595.21	5	54.13	5	32.73	19	695.54	18	-1.35	5	38.09	19	-62.07	1
1 Min.	-721	-6.33	5	-594.02	5	-53.29	5	-6.32	28	132.20	29	-24.93	13	-20.35	33	-336.75	18
1 Min.	-761	-9.35	5	-750.49	5	-47.55	5	0.17	29	132.82	29	-32.64	18	-20.35	33	-337.58	18
1 Min.	-760	-18.36	5	-751.36	5	-48.38	5	1.26	5	180.75	1	-27.08	18	-19.51	33	-337.58	18
1 Min.	-720	-2.79	5	-594.90	5	-54.11	5	-4.41	28	178.75	1	-19.09	13	-19.51	33	-336.75	18
1 Max	-649	4.12	5	525.31	5	70.65	5	-27.59	5	-138.96	1	-17.05	5	169.58	18	-287.56	5
1 Max	-688	21.75	5	701.70	5	64.10	5	-57.24	5	-130.33	1	-6.30	5	169.58	18	-286.82	5
1 Max	-687	21.85	5	701.68	5	74.34	5	-42.99	5	-45.29	34	5.96	29	167.65	18	-286.82	5
1 Max	-648	4.18	5	525.29	5	80.89	5	1.52	34	-64.15	1	-9.85	5	167.65	18	-287.56	5
1 Min.	-649	-4.12	5	-525.14	5	-70.62	5	-76.42	18	-464.37	18	-81.24	18	43.46	5	-904.27	18
1 Min.	-688	-21.75	5	-701.47	5	-64.08	5	-174.63	18	-446.16	18	-45.46	18	43.46	5	-903.37	18
1 Min.	-687	-21.84	5	-701.45	5	-74.31	5	-125.78	18	-216.93	18	-29.02	18	42.71	5	-903.37	18
1 Min.	-648	-4.18	5	-525.12	5	-80.86	5	-33.94	28	-234.88	18	-64.80	18	42.71	5	-904.27	18
1 Max	-648	1.99	5	505.53	5	91.84	5	-23.75	24	-65.84	1	-5.24	29	69.52	18	-199.67	1
1 Max	-687	18.44	5	670.09	5	84.06	5	-33.29	5	-65.63	1	0.86	29	69.52	18	-199.77	1
1 Max	-686	19.32	5	670.11	5	89.26	5	-4.39	34	152.95	18	1.35	29	69.00	18	-199.77	1
1 Max	-647	2.83	5	505.55	5	97.04	5	16.60	19	152.77	18	-4.75	29	69.00	18	-199.67	1
1 Min.	-648	-1.99	5	-505.35	5	-91.82	5	-63.28	18	-251.83	18	-56.26	18	17.14	5	-681.05	18
1 Min.	-687	-18.44	5	-669.85	5	-84.03	5	-96.12	18	-252.04	18	-37.71	18	17.14	5	-681.66	18
1 Min.	-686	-19.32	5	-669.87	5	-89.23	5	-47.14	28	-4.67	29	-33.36	18	16.65	5	-681.66	18
1 Min.	-647	-2.83	5	-505.37	5	-97.02	5	-25.08	28	-3.20	29	-51.91	18	16.65	5	-681.05	18
1 Max	-686	6.55	5	626.43	5	92.48	5	-1.06	19	138.60	18	1.69	29	16.46	24	-145.57	1
1 Max	-723	14.52	5	706.21	5	60.72	5	-0.50	34	137.88	18	2.30	29	16.46	24	-145.68	1
1 Max	-722	17.51	5	706.45	5	70.60	5	17.59	19	353.44	18	-2.71	29	20.11	24	-145.68	1
1 Max	-685	9.54	5	626.67	5	102.36	5	20.91	19	353.91	18	-3.31	29	20.11	24	-145.57	1
1 Min.	-686	-6.55	5	-626.17	5	-92.46	5	-29.60	28	-7.00	29	-32.56	18	-16.91	33	-559.53	18
1 Min.	-723	-14.52	5	-705.92	5	-60.70	5	-25.05	28	-9.94	29	-30.78	18	-16.91	33	-560.17	18
1 Min.	-722	-17.51	5	-706.16	5	-70.58	5	-12.26	28	72.42	29	-31.84	18	-12.52	33	-560.17	18
1 Min.	-685	-9.54	5	-626.41	5	-102.33	5	-16.49	28	75.32	29	-33.62	18	-12.52	33	-559.53	18
1 Max	-685	5.09	5	587.42	5	108.77	5	18.22	19	335.30	18	-2.63	29	-0.42	34	-105.18	1
1 Max	-722	12.13	5	657.52	5	74.52	5	17.67	19	341.63	18	-3.39	29	-0.42	34	-105.29	1
1 Max	-721	17.61	5	658.02	5	82.07	5	37.84	19	527.93	18	-2.96	5	2.55	34	-105.29	1
1 Max	-684	10.57	5	587.92	5	116.31	5	39.26	19	521.38	18	-2.28	5	2.55	34	-105.18	1
1 Min.	-685	-5.09	5	-587.15	5	-108.75	5	-17.67	28	70.23	29	-33.64	18	-40.04	18	-484.95	18
1 Min.	-722	-12.13	5	-657.21	5	-74.51	5	-12.27	28	69.84	29	-31.80	18	-40.04	18	-485.52	18
1 Min.	-721	-17.60	5	-657.71	5	-82.05	5	-5.91	28	133.75	29	-24.78	13	-35.42	18	-485.52	18
1 Min.	-684	-10.57	5	-587.65	5	-116.29	5	-11.11	28	134.12	29	-23.94	13	-35.42	18	-484.95	18
1 Max	-684	4.84	5	535.60	5	128.62	5	52.22	19	514.43	18	-2.24	5	132.32	19	-62.26	1
1 Max	-721	10.88	5	596.06	5	86.12	5	22.94	19	513.36	18	-3.00	5	132.32	19	-62.29	1
1 Max	-720	18.69	5	596.65	5	93.00	5	49.37	19	708.55	18	-1.81	5	139.05	19	-62.29	1
1 Max	-683	12.63	5	536.20	5	135.50	5	80.10	19	709.66	18	-1.12	5	139.05	19	-62.26	1
1 Min.	-684	-4.84	5	-535.32	5	-128.60	5	-11.80	28	132.27	29	-24.30	18	-29.18	28	-426.53	18
1 Min.	-721	-10.88	5	-595.74	5	-86.10	5	-5.79	28	132.13	29	-24.54	13	-29.18	28	-426.43	18
1 Min.	-720	-18.69	5	-596.34	5	-92.98	5	-0.75	28	178.89	1	-19.45	13	-27.28	28	-426.43	18
1 Min.	-683	-12.64	5	-535.92	5	-135.48	5	-6.35	28	178.74	1	-21.21	18	-27.28	28	-426.53	18
1 Max	-610	1.41	5	357.38	5	84.76	5	26.66	34	-124.55	1	19.40	29	145.61	23	-150.21	1
1 Max	-649	18.34	5	526.73	5	80.07	5	-11.23	34	-128.24	1	-12.59	5	145.61	23	-150.43	1
1 Max	-648	14.39	5	526.30	5	94.59	5	-21.89	5	-74.88	1	-14.18	5	145.64	23	-150.43	1
1 Max	-609	2.93	5	356.95	5	99.28	5	12.32	34	-71.30	1	13.95	29	145.64	23	-150.21	1
1 Min.	-610	-1.41	5	-357.27	5	-84.72	5	-27.26	18	-416.41	18	-33.63	18	11.88	5	-514.43	18
1 Min.	-649	-18.33	5	-526.56	5	-80.03	5	-53.97	18	-433.75	18	-68.59	18	11.88	5	-516.48	18
1 Min.	-648	-14.39	5	-526.13	5	-94.56	5	-62.49	18	-266.67	18	-77.09	18	12.09	5	-516.48	18
1 Min.	-609	-2.93	5	-356.84	5	-99.24	5	-43.50	28	-249.90	18	-42.12	18	12.09	5	-514.43	18
1 Max	-609	3.84	5	350.95	5	113.33	5	11.42	34	-55.52	34	-1.11	29	84.10	33	-174.51	1
1 Max	-648	12.05	5	506.53	5	105.55	5	-20.71	34	-60.20	34	-4.57	29	84.10	33	-174.61	1
1 Max	-647	8.86	5	506.13	5	112.04	5	4.09	19	140.54	18	-4.48	5	83.33	33	-174.61	1
1 Max	-608	7.58	5	350.55	5	119.83	5	25.31	34	137.08	18	-1.86	29	83.33	33	-174.51	1
1 Min.	-609	-3.84	5	-350.84	5	-113.30	5	-42.62	28	-243.63	18	-61.90	18	3.05	5	-611.03	18
1 Min.	-648	-12.04	5	-506.35	5	-105.52	5	-55.70	28	-240.55	18	-57.27	18	3.05	5	-611.63	18
1 Min.	-647	-8.86	5	-505.95	5	-112.01	5	-43.24	28	-9.35	29	-50.69	18	3.11	5	-611.63	18
1 Min.	-608	-7.58	5	-350.43	5	-119.79	5	-30.35	28	-7.91	29	-55.32	18	3.11	5	-611.03	18
1 Max	-647	0.46	5	480.15	5	111.90	5	4.41	34	135.43	33	-3.04	29	11.49	34	-144.23	1
1 Max	-686	14.36	5	627.21	5	101.85	5	-0.82	34	140.98	18	-0.40	29	11.49	34	-144.38	1
1 Max	-685	16.56	5	627.35	5	113.79	5	26.45	19	351.92	18	-1.20	29	12.01	34	-144.38	1
1 Max	-646	1.80	5	480.29	5	123.85	5	32.73	19	342.16	18	-2.93	5	12.01	34	-144.23	1
1 Min.	-647	-0.46	5	-479.96	5	-111.87	5	-36.83	28	-5.16	29	-48.22	18	-14.12	18	-564.68	18
1 Min.	-686	-14.36	5	-626.95	5	-101.82	5	-36.15	28	-6.35	29	-37.09	18	-14.12	18	-565.96	18
1 Min.	-685	-16.56	5	-627.09	5	-113.76	5	-22.20	28	73.49	29	-29.00	18	-13.43	18	-565.96	18
1 Min.	-646	-1.81	5	-480.10	5	-123.81	5	-22.97	28	74.74	29	-40.13	18	-13.43	18	-564.68	18
1 Max	-646	1.46	5	455.31	5	131.71	5	29.32	19	331.61	18	-2.06	5	1.95	5	-104.17	1
1 Max	-685	12.12	5	588.10	5	120.20	5	27.71	19	338.06	18	-2.46	29	1.95	5	-104.35	1
1 Max	-684	15.51	5	588.33	5	130.99	5	50.86	19	520.86	18	-2.38	5	2.13	5	-104.35	1
1 Max	-645	2.58	1	455.55	5	142.49	5	52.67	19	514.03	18	-1.73	5	2.13	5	-104.17	1
1 Min.	-646	-1.47	5	-455.12	5	-131.68	5	-25.58	28	71.92	29	-37.99	18	-20.87	33	-483.07	18
1 Min.	-685	-12.11	5	-587.83	5	-120.18	5	-20.46	28	70.46	29	-31.11	18	-20.87	33	-484.03	18
1 Min.	-684	-15.51	5	-588.06	5	-130.96	5	-12.27	28	133.37	29	-25.87	18	-20.37	33	-484.03	18
1 Min.	-645	-2															

Relazione di Calcolo – Ponte Torrente Gogna

1	Max	-571	14.42	5	299.13	1	148.39	5	17.62	19	133.21	33	-1.36	5	7.53	29	-124.71	1
1	Max	-608	7.86	5	338.21	5	142.81	5	22.25	19	137.49	33	-3.16	5	7.53	29	-124.74	1
1	Max	-607	3.18	1	338.78	5	155.88	5	43.88	19	328.93	18	-1.28	5	7.11	29	-124.74	1
1	Max	-570	8.71	5	299.08	1	161.46	5	39.81	19	321.45	18	0.52	5	7.11	29	-124.71	1
1	Min.	-571	-14.42	5	-299.04	1	-148.35	5	-28.81	28	-2.24	29	-62.05	18	-53.37	18	-508.47	18
1	Min.	-608	-7.86	5	-338.09	5	-142.77	5	-30.02	28	-2.24	29	-60.96	18	-53.37	18	-508.83	18
1	Min.	-607	-3.18	1	-338.66	5	-155.84	5	-25.35	28	72.06	29	-49.52	18	-50.65	18	-508.83	18
1	Min.	-570	-8.71	5	-299.00	1	-161.42	5	-24.20	28	72.08	29	-50.61	18	-50.65	18	-508.47	18
1	Max	-570	9.20	5	305.55	1	166.49	5	37.51	19	310.99	18	0.50	5	3.42	29	-94.82	1
1	Max	-607	2.84	5	332.22	5	162.13	5	43.69	19	317.10	18	-1.27	5	3.42	29	-94.81	1
1	Max	-606	12.80	5	331.22	5	176.97	5	68.95	19	498.34	18	0.23	5	3.18	29	-94.81	1
1	Max	-569	19.19	5	305.03	1	181.32	5	63.22	19	492.13	18	2.10	5	3.18	29	-94.82	1
1	Min.	-570	-9.20	5	-305.46	1	-166.45	5	-24.55	28	72.32	29	-51.85	18	-56.31	18	-480.33	18
1	Min.	-607	-2.84	5	-332.09	5	-162.09	5	-24.66	28	72.58	29	-48.28	18	-56.31	18	-480.60	18
1	Min.	-606	-12.81	5	-331.09	5	-176.93	5	-21.68	28	132.23	29	-39.24	18	-54.03	18	-480.60	18
1	Min.	-569	-19.19	5	-304.95	1	-181.28	5	-21.57	28	131.97	29	-42.81	18	-54.03	18	-480.33	18
1	Max	-569	19.13	5	316.01	1	195.95	5	52.02	19	480.45	18	1.56	5	5.25	5	-60.58	1
1	Max	-606	13.94	5	330.28	1	193.65	5	77.95	19	490.33	18	0.70	5	5.25	5	-60.62	1
1	Max	-605	9.58	1	330.02	1	202.09	5	118.26	19	697.86	18	1.97	5	5.65	5	-60.62	1
1	Max	-568	14.76	5	315.75	1	204.38	5	92.42	19	687.81	18	2.80	5	5.65	5	-60.58	1
1	Min.	-569	-19.14	5	-315.91	1	-195.91	5	-21.77	28	133.36	29	-45.17	18	-156.69	18	-473.62	18
1	Min.	-606	-13.94	5	-330.14	1	-193.62	5	-21.03	28	133.05	29	-36.88	18	-156.69	18	-473.97	18
1	Min.	-605	-9.59	1	-329.89	1	-202.04	5	-15.14	28	176.16	1	-22.22	18	-156.08	18	-473.97	18
1	Min.	-568	-14.77	5	-315.66	1	-204.34	5	-15.85	28	175.43	1	-30.51	18	-156.08	18	-473.62	18
1	Max	-612	2.76	5	363.04	5	72.68	5	31.56	34	-167.11	1	13.53	29	43.08	33	551.48	23
1	Max	-651	20.33	5	538.73	5	65.92	5	44.19	24	-167.27	1	2.38	29	43.08	33	822.46	28
1	Max	-650	20.51	5	538.75	5	75.93	5	42.63	24	-171.98	1	2.76	29	45.94	33	822.46	28
1	Max	-611	2.93	5	363.05	5	82.69	5	31.42	34	-169.64	1	13.91	29	45.94	33	551.48	23
1	Min.	-612	-2.76	5	-362.93	5	-72.65	5	-24.87	18	-539.02	18	-32.47	18	-150.71	24	24.36	34
1	Min.	-651	-20.33	5	-538.57	5	-65.89	5	-15.82	18	-553.05	18	-33.91	18	-150.71	24	193.20	5
1	Min.	-650	-20.51	5	-538.58	5	-75.89	5	-16.93	18	-563.24	18	-34.68	18	-150.06	24	193.20	5
1	Min.	-611	-2.93	5	-362.95	5	-82.66	5	-25.53	18	-544.97	18	-33.25	18	-150.06	24	24.36	34
1	Max	-573	2.78	5	280.24	1	97.51	5	-27.35	1	-120.33	1	19.51	29	140.21	18	-227.22	1
1	Max	-610	10.73	5	358.32	5	88.46	5	-20.25	24	-128.63	1	27.80	29	140.21	18	-227.48	1
1	Max	-609	3.05	5	357.50	5	100.22	5	21.95	34	-58.39	34	5.65	29	143.03	18	-227.48	1
1	Max	-572	5.42	5	279.90	1	109.27	5	-4.05	34	-42.15	34	-2.64	29	143.03	18	-227.22	1
1	Min.	-573	-2.78	5	-280.16	1	-97.48	5	-71.94	18	-397.61	18	-32.08	18	-43.52	34	-777.89	33
1	Min.	-610	-10.72	5	-358.21	5	-88.43	5	-76.51	18	-426.36	18	-21.18	18	-43.52	34	-779.42	33
1	Min.	-609	-3.04	5	-357.39	5	-100.18	5	-43.80	28	-245.65	18	-54.42	18	-40.28	34	-779.42	33
1	Min.	-572	-5.42	5	-279.82	1	-109.23	5	-40.60	28	-217.16	18	-65.32	18	-40.28	34	-777.89	33
1	Max	-572	6.37	5	287.20	1	119.65	5	1.51	34	-50.85	34	2.07	29	32.69	28	-170.96	1
1	Max	-609	1.93	5	351.50	5	114.27	5	16.30	34	-50.62	34	0.94	29	32.69	28	-170.99	1
1	Max	-608	6.62	5	350.64	5	125.45	5	23.79	34	132.46	18	-2.80	5	34.81	28	-170.99	1
1	Max	-571	14.77	5	286.79	1	130.83	5	22.39	19	133.44	18	-1.73	5	34.81	28	-170.96	1
1	Min.	-572	-6.37	5	-287.12	1	-119.61	5	-39.79	18	-238.23	18	-62.07	18	-63.83	34	-606.33	18
1	Min.	-609	-1.93	5	-351.38	5	-114.23	5	-44.49	28	-239.29	18	-57.70	18	-63.83	34	-606.45	18
1	Min.	-608	-6.62	5	-350.53	5	-125.41	5	-33.37	28	-9.50	29	-59.35	18	-53.43	34	-606.45	18
1	Min.	-571	-14.77	5	-286.71	1	-130.79	5	-27.27	28	-7.30	29	-63.72	18	-53.43	34	-606.33	18
1	Max	-608	8.82	5	338.11	5	137.19	5	11.05	34	132.82	33	-2.82	5	8.31	29	-134.35	1
1	Max	-647	5.62	5	480.73	5	126.90	5	9.10	19	140.64	33	-3.40	29	8.31	29	-134.47	1
1	Max	-646	8.00	5	480.86	5	143.07	5	38.72	19	338.84	18	-2.56	5	8.22	29	-134.47	1
1	Max	-607	7.50	5	338.25	5	153.36	5	40.01	19	330.63	18	-1.67	5	8.22	29	-134.35	1
1	Min.	-608	-8.83	5	-338.00	5	-137.15	5	-34.91	28	-3.22	29	-58.60	18	-17.11	18	-543.38	18
1	Min.	-647	-5.62	5	-480.54	5	-126.86	5	-37.35	28	-3.60	29	-47.40	18	-17.11	18	-544.51	18
1	Min.	-646	-8.00	5	-480.67	5	-143.03	5	-27.78	28	72.48	29	-40.80	18	-16.47	18	-544.51	18
1	Min.	-607	-7.50	5	-338.13	5	-153.32	5	-25.37	28	72.87	29	-51.99	18	-16.47	18	-543.38	18
1	Max	-607	8.16	5	331.68	5	159.61	5	38.28	19	316.88	18	-1.41	5	1.61	29	-100.42	1
1	Max	-646	4.99	5	455.88	5	150.93	5	38.48	19	333.52	18	-2.82	5	1.61	29	-100.54	1
1	Max	-645	4.77	5	455.72	5	161.95	5	63.74	19	514.39	18	-0.90	5	1.53	5	-100.54	1
1	Max	-606	9.81	5	331.52	5	170.63	5	63.90	19	497.31	18	0.36	5	1.53	5	-100.42	1
1	Min.	-607	-8.16	5	-331.56	5	-159.57	5	-27.16	28	72.02	29	-50.66	18	-41.57	18	-481.73	18
1	Min.	-646	-4.98	5	-455.69	5	-150.90	5	-26.00	28	72.69	29	-42.14	18	-41.57	18	-482.87	18
1	Min.	-645	-4.77	5	-455.52	5	-161.91	5	-18.69	28	133.59	29	-28.44	18	-40.70	18	-482.87	18
1	Min.	-606	-9.82	5	-331.39	5	-170.59	5	-19.88	28	132.94	29	-36.95	18	-40.70	18	-481.73	18
1	Max	-606	10.95	5	330.44	1	187.31	5	74.11	19	494.02	18	0.66	5	32.56	19	-61.55	1
1	Max	-645	2.68	1	426.11	5	173.89	5	51.95	19	502.38	18	-1.21	5	32.56	19	-61.58	1
1	Max	-644	7.91	1	426.44	5	183.71	5	75.87	19	700.07	18	0.24	5	34.16	19	-61.58	1
1	Max	-605	7.94	1	330.18	1	197.13	5	98.73	19	691.64	18	1.89	5	34.16	19	-61.55	1
1	Min.	-606	-10.95	5	-330.30	1	-187.28	5	-20.99	28	132.78	29	-34.80	18	-35.21	33	-424.42	18
1	Min.	-645	-2.68	1	-425.90	5	-173.85	5	-17.65	28	132.66	29	-30.60	18	-35.21	33	-424.57	18
1	Min.	-644	-7.92	1	-426.23	5	-183.68	5	-12.75	28	176.78	1	-20.22	18	-34.85	33	-424.57	18
1	Min.	-605	-7.96	1	-330.05	1	-197.10	5	-16.05	28	176.26	1	-24.42	18	-34.85	33	-424.42	18
1	Max	-604	336.83	1	8.75	1	216.52	5	714.60	18	107.20	19	15.88	13	-29.17	1	38.01	23
1	Max	-605	336.94	1	8.64	5	206.64	5	686.04	18	103.11	19	23.29	18	-29.17	1	38.11	23
1	Max	-644	397.02	5	6.08	1	195.37	5	697.79	18	70.69	19	21.30	18	-29.67	1	38.11	23
1	Max	-643	397.68	5	12.07	5	205.26	5	727.30	18	74.71	19	15.22	13	-29.67	1	38.01	23
1	Min.	-604	-336.69	1	-8.77	1	-216.57	5	184.17	1	-14.75	28	-2.83	5	-115.29	18	-46.18	19
1	Min.	-605	-336.80	1	-8.65	5	-206.6											

Relazione di Calcolo – Ponte Torrente Gogna

1	Max	-494	7.26	5	229.29	1	100.00	5	-8.50	1	-103.34	1	27.93	28	11.23	29	-185.20	1
1	Max	-493	13.85	5	229.37	1	111.07	5	1.57	34	-15.46	34	13.16	28	12.23	29	-185.20	1
1	Max	-456	30.56	5	281.52	1	106.15	5	-15.84	34	-9.28	34	17.89	28	12.23	29	-184.59	1
1	Min.	-457	-24.08	5	-281.51	1	-94.89	5	-53.81	18	-307.41	18	-38.24	19	-37.88	5	-537.05	18
1	Min.	-494	-7.26	5	-229.30	1	-99.96	5	-31.60	18	-327.66	18	-37.53	19	-37.88	5	-539.32	18
1	Min.	-493	-13.85	5	-229.39	1	-111.03	5	-19.50	28	-134.15	28	-54.38	19	-37.08	5	-539.32	18
1	Min.	-456	-30.57	5	-281.60	1	-106.11	5	-36.74	28	-116.94	28	-55.08	19	-37.08	5	-537.05	18
1	Max	-456	28.75	5	285.42	1	115.81	5	-9.66	34	-16.40	34	19.42	28	10.36	29	-156.32	1
1	Max	-493	12.76	5	236.80	1	118.47	5	-4.43	34	-6.58	34	11.72	28	10.36	29	-156.31	1
1	Max	-492	21.27	5	236.83	1	123.93	5	8.74	19	122.12	33	7.78	5	10.37	29	-156.31	1
1	Max	-455	37.21	5	285.45	1	121.21	5	-0.77	19	119.77	18	15.26	28	10.37	29	-156.32	1
1	Min.	-456	-28.75	5	-285.50	1	-115.77	5	-30.34	18	-117.42	28	-54.48	19	-40.42	23	-496.58	18
1	Min.	-493	-12.76	5	-236.82	1	-118.43	5	-26.73	28	-121.48	28	-54.89	19	-40.42	23	-497.26	18
1	Min.	-492	-21.27	5	-236.84	1	-123.89	5	-22.58	28	-2.04	29	-56.57	19	-40.28	23	-497.26	18
1	Min.	-455	-37.21	5	-285.53	1	-121.17	5	-24.11	28	2.41	29	-56.16	19	-40.28	23	-496.58	18
1	Max	-492	27.38	5	243.76	1	141.05	5	1.95	19	122.14	33	6.06	5	15.76	29	-120.88	1
1	Max	-532	13.38	5	276.77	1	144.45	5	16.91	19	127.18	33	0.85	5	15.76	29	-120.92	1
1	Max	-531	14.55	5	276.53	1	155.50	5	36.22	19	310.16	18	1.63	5	15.61	29	-120.92	1
1	Max	-491	28.54	5	243.55	1	152.10	5	21.40	19	302.48	18	6.95	5	15.61	29	-120.88	1
1	Min.	-492	-27.38	5	-243.78	1	-141.01	5	-22.93	28	-0.84	29	-60.98	19	-48.24	18	-476.45	18
1	Min.	-532	-13.38	5	-276.72	1	-144.41	5	-27.70	28	-3.15	29	-60.87	18	-48.24	18	-477.44	18
1	Min.	-531	-14.54	5	-276.48	1	-155.46	5	-26.20	28	69.78	29	-55.94	18	-47.87	18	-477.44	18
1	Min.	-491	-28.54	5	-243.57	1	-152.06	5	-21.49	28	72.14	29	-56.38	19	-47.87	18	-476.45	18
1	Max	-491	27.04	5	250.03	1	162.39	5	14.31	19	303.62	18	5.87	5	10.73	29	-95.96	1
1	Max	-531	13.59	5	288.34	1	168.31	5	43.34	19	314.81	18	2.85	5	10.73	29	-96.01	1
1	Max	-530	24.56	5	287.85	1	181.83	5	62.62	19	481.76	18	3.34	5	10.65	29	-96.01	1
1	Max	-490	38.02	5	250.12	1	175.95	5	33.63	19	470.25	18	6.39	5	10.65	29	-95.96	1
1	Min.	-491	-27.04	5	-250.05	1	-162.34	5	-21.81	28	75.82	29	-57.12	19	-86.57	18	-431.91	18
1	Min.	-531	-13.58	5	-288.28	1	-168.26	5	-24.54	28	74.04	29	-54.52	18	-86.57	18	-432.74	18
1	Min.	-530	-24.56	5	-287.79	1	-181.79	5	-20.56	28	132.44	29	-47.58	18	-86.43	18	-432.74	18
1	Min.	-490	-38.02	5	-250.14	1	-175.90	5	-17.85	28	134.24	29	-50.48	19	-86.43	18	-431.91	18
1	Max	-490	35.61	5	264.34	1	185.47	5	19.46	19	461.44	18	6.57	5	7.69	29	-59.41	1
1	Max	-530	24.18	5	298.11	1	193.90	5	76.10	19	486.35	18	3.01	5	7.69	29	-59.42	1
1	Max	-529	27.07	5	297.61	1	200.48	5	87.71	19	634.03	18	3.33	5	7.63	29	-59.42	1
1	Max	-489	38.49	5	263.84	1	192.06	5	31.05	19	608.55	18	6.82	5	7.63	29	-59.41	1
1	Min.	-490	-35.61	5	-264.36	1	-185.42	5	-18.09	28	134.66	29	-47.38	19	-174.29	18	-368.51	18
1	Min.	-530	-24.18	5	-298.06	1	-193.86	5	-19.91	28	133.45	29	-50.47	18	-174.29	18	-369.98	18
1	Min.	-529	-27.06	5	-297.56	1	-200.43	5	-18.24	28	170.05	1	-34.38	18	-174.30	18	-369.98	18
1	Min.	-489	-38.49	5	-263.86	1	-192.01	5	-16.43	28	170.15	1	-31.36	19	-174.30	18	-368.51	18
1	Max	-536	16.50	5	246.53	1	84.85	5	73.74	33	-171.12	1	23.17	28	2506.42	33	-491.00	9
1	Max	39	7.66	5	281.73	5	73.99	5	-93.24	1	-235.17	1	21.99	29	2506.42	33	-763.53	1
1	Max	-574	6.17	5	281.85	5	83.27	5	-91.53	1	-218.72	1	12.50	29	2498.08	33	-763.53	1
1	Max	-535	15.01	5	246.54	1	94.12	5	78.64	33	-160.57	1	13.50	29	2498.08	33	-491.00	9
1	Min.	-536	-16.51	5	-246.48	1	-84.81	5	8.53	9	-538.01	18	-31.12	19	690.33	9	-1972.67	33
1	Min.	39	-7.66	5	-281.65	5	-73.95	5	-308.27	33	-712.78	18	-27.77	18	690.33	9	-2823.76	33
1	Min.	-574	-6.17	5	-281.77	5	-83.23	5	-301.57	33	-666.86	18	-40.33	18	687.56	9	-2823.76	33
1	Min.	-535	-15.01	5	-246.49	1	-94.09	5	9.69	9	-509.69	18	-43.49	18	687.56	9	-1972.67	33
1	Max	-494	10.13	5	229.39	1	107.44	5	1.16	29	-100.94	1	20.92	28	72.43	18	-152.30	1
1	Max	-534	6.34	5	259.29	1	108.68	5	5.96	34	-98.83	1	0.38	29	72.43	18	-152.21	1
1	Max	-533	13.65	5	258.57	1	117.68	5	5.76	34	1.98	34	-1.09	29	71.94	18	-152.21	1
1	Max	-493	29.82	5	229.85	1	116.44	5	3.91	19	-15.75	34	19.96	28	71.94	18	-152.30	1
1	Min.	-494	-10.13	5	-229.41	1	-107.40	5	-8.19	33	-324.74	18	-44.36	19	-58.92	34	-492.93	18
1	Min.	-534	-6.33	5	-259.24	1	-108.64	5	-31.49	18	-331.36	18	-62.73	18	-58.92	34	-493.18	18
1	Min.	-533	-13.65	5	-258.52	1	-117.64	5	-40.65	28	-139.42	28	-65.68	18	-59.86	34	-493.18	18
1	Min.	-493	-29.83	5	-229.86	1	-116.39	5	-14.90	28	-135.51	28	-47.83	19	-59.86	34	-492.93	18
1	Max	-493	28.74	5	237.28	1	123.79	5	-6.38	5	-7.26	34	12.96	28	41.26	28	-152.00	1
1	Max	-533	13.47	5	267.36	1	122.82	5	12.40	34	-1.49	34	5.25	29	41.26	28	-152.32	1
1	Max	-532	13.53	5	267.18	1	130.21	5	20.47	34	127.11	33	0.34	5	41.53	28	-152.32	1
1	Max	-492	28.71	5	237.07	1	131.19	5	11.59	19	125.89	18	6.73	5	41.53	28	-152.00	1
1	Min.	-493	-28.74	5	-237.29	1	-123.75	5	-20.83	28	-121.60	28	-53.52	19	-61.98	34	-516.18	18
1	Min.	-533	-13.46	5	-267.31	1	-122.77	5	-32.36	28	-129.70	28	-59.49	18	-61.98	34	-517.74	18
1	Min.	-532	-13.53	5	-267.13	1	-130.17	5	-31.66	28	-8.58	29	-64.24	18	-60.81	34	-517.74	18
1	Min.	-492	-28.71	5	-237.08	1	-131.15	5	-20.01	28	-1.00	29	-58.03	19	-60.81	34	-516.18	18
1	Max	-532	12.77	5	277.53	1	143.58	5	12.27	34	128.15	33	-0.63	5	1.00	29	-126.69	1
1	Max	-571	20.26	5	300.08	1	149.26	5	19.89	34	134.11	33	-2.26	5	1.00	29	-126.65	1
1	Max	-570	17.33	5	298.84	1	164.57	5	41.89	19	320.75	18	1.43	5	0.15	29	-126.65	1
1	Max	-531	24.81	5	276.29	1	158.89	5	34.75	19	313.60	18	3.20	5	0.15	29	-126.69	1
1	Min.	-532	-12.76	5	-277.48	1	-143.54	5	-27.48	28	-3.62	29	-63.71	18	-63.42	18	-508.88	18
1	Min.	-571	-20.25	5	-300.00	1	-149.21	5	-28.58	28	-2.27	29	-61.54	18	-63.42	18	-509.05	18
1	Min.	-570	-17.33	5	-298.75	1	-164.53	5	-24.84	28	71.94	29	-51.07	18	-62.13	18	-509.05	18
1	Min.	-531	-24.82	5	-276.24	1	-158.85	5	-23.92	28	70.63	29	-53.24	18	-62.13	18	-508.88	18
1	Max	-531	23.85	5	288.09	1	171.69	5	31.33	19	308.00	18	3.17	5	10.54	29	-92.03	1
1	Max	-570	17.82	5	305.30	1	169.59	5	43.55	19	312.80	18	1.40	5	10.54	29	-92.05	1
1	Max	-569	6.99	5	305.32	1	178.89	5	69.09	19	491.65	18	1.16	5	10.13	29	-92.05	1
1	Max	-530	13.02	5	288.11	1	180.99	5	57.34	19	486.71	18	3.01	5	10.13	29	-92.03	1
1	Min.	-531	-23.86	5	-288.04	1	-171.65	5	-23.71	28	73.71	29	-54.07	18	-75.33	18	-475.27	18
1	Min.	-570	-17.82	5	-305.22	1	-169.55	5	-24.28	28	72.49	29	-50.27	18	-75.33	18	-475.62	18
1	Min.																	

Relazione di Calcolo – Ponte Torrente Gogna

1 Max	-413	316.11	1	34.35	5	133.19	5	563.69	18	31.63	19	27.95	19	-33.87	1	163.79	19
1 Max	-412	316.09	1	44.49	5	129.20	5	613.63	18	33.99	19	18.16	14	-33.87	1	163.69	19
1 Min.	-372	-412.94	5	-62.52	5	-118.41	5	186.31	1	-27.42	18	-13.38	5	-138.76	18	-23.03	28
1 Min.	-373	-412.11	5	-52.38	5	-122.40	5	173.08	1	-30.09	18	-13.31	5	-138.76	18	-23.17	28
1 Min.	-413	-316.25	1	-34.33	5	-133.22	5	170.84	1	-14.39	28	-10.86	5	-139.08	18	-23.17	28
1 Min.	-412	-316.23	1	-44.48	5	-129.24	5	183.86	1	-12.94	28	-10.95	5	-139.08	18	-23.03	28
1 Max	-412	316.46	1	55.47	5	161.61	5	606.35	18	12.85	19	17.81	14	-36.14	1	235.59	19
1 Max	-413	316.42	1	50.01	5	141.89	5	567.02	18	11.91	19	28.22	19	-36.14	1	238.06	19
1 Max	-452	291.82	1	42.72	5	167.90	5	583.53	18	51.05	19	29.64	19	-36.25	1	238.06	19
1 Max	-451	291.85	1	48.18	5	186.96	5	622.88	18	51.46	19	18.22	14	-36.25	1	235.59	19
1 Min.	-412	-316.61	1	-55.46	5	-161.64	5	183.87	1	-11.09	28	-10.59	5	-105.76	18	-17.57	28
1 Min.	-413	-316.57	1	-50.01	5	-141.94	5	170.95	1	-12.21	28	-11.23	5	-105.76	18	-18.00	28
1 Min.	-452	-291.92	1	-42.71	5	-167.95	5	171.54	1	-14.77	28	-9.69	5	-105.81	18	-18.00	28
1 Min.	-451	-291.95	1	-48.16	5	-187.01	5	184.49	1	-13.57	28	-9.53	5	-105.81	18	-17.57	28
1 Max	-416	335.32	5	35.93	5	106.86	5	123.77	18	-7.32	19	55.76	19	-157.29	1	116.62	33
1 Max	-417	334.64	5	28.33	5	97.01	5	-20.26	34	-11.01	5	46.08	19	-157.29	1	121.84	33
1 Max	-456	285.14	1	19.87	5	109.18	5	-15.76	34	9.37	34	50.41	19	-157.35	1	121.84	33
1 Max	-455	285.19	1	27.55	5	118.85	5	118.33	18	5.40	34	60.09	19	-157.35	1	116.62	33
1 Min.	-416	-335.43	5	-35.93	5	-106.90	5	9.01	29	-29.70	33	-16.88	28	-468.94	18	-31.22	29
1 Min.	-417	-334.76	5	-28.33	5	-97.05	5	-112.99	28	-27.82	18	-29.20	28	-468.94	18	-30.09	29
1 Min.	-456	-285.22	1	-19.87	5	-109.22	5	-119.36	28	-27.05	28	-23.55	28	-469.31	18	-30.09	29
1 Min.	-455	-285.27	1	-27.55	5	-118.89	5	3.48	29	-26.95	28	-11.23	28	-469.31	18	-31.22	29
1 Max	-417	348.37	5	30.15	5	91.65	5	-15.49	34	-10.78	5	52.46	19	-219.33	1	174.32	33
1 Max	-418	347.75	5	23.58	5	86.75	5	-109.03	1	-23.54	1	57.91	19	-219.33	1	170.87	33
1 Max	-457	281.15	1	15.19	5	94.44	5	-103.82	1	-21.08	1	49.39	19	-219.18	1	170.87	33
1 Max	-456	281.24	1	21.77	5	99.47	5	-1.25	34	9.17	34	43.94	19	-219.18	1	174.32	33
1 Min.	-417	-348.47	5	-30.15	5	-91.69	5	-114.08	28	-31.80	23	-23.56	28	-613.99	18	-8.10	19
1 Min.	-418	-347.86	5	-23.59	5	-86.78	5	-319.97	18	-63.25	33	-15.50	28	-613.99	18	-8.17	19
1 Min.	-457	-281.23	1	-15.19	5	-94.48	5	-314.15	18	-61.55	18	-21.23	28	-614.02	18	-8.17	19
1 Min.	-456	-281.32	1	-21.77	5	-99.51	5	-109.05	28	-26.80	28	-29.29	28	-614.02	18	-8.10	19
1 Max	-455	35.09	5	290.79	1	129.06	5	-3.78	19	124.84	18	15.05	28	24.40	28	-124.26	1
1 Max	-492	19.94	5	243.53	1	133.79	5	11.96	19	122.03	18	7.76	28	24.40	28	-124.47	1
1 Max	-491	26.18	5	243.55	1	144.92	5	24.87	19	297.75	18	5.47	5	24.58	28	-124.47	1
1 Max	-454	41.32	5	290.81	1	140.60	5	9.43	19	300.04	18	10.73	5	24.58	28	-124.26	1
1 Min.	-455	-35.09	5	-290.87	1	-129.02	5	-21.24	28	6.55	29	-55.26	19	-32.08	34	-435.80	18
1 Min.	-492	-19.94	5	-243.54	1	-133.75	5	-24.34	28	-0.48	29	-57.50	19	-32.08	34	-437.13	18
1 Min.	-491	-26.17	5	-243.56	1	-144.88	5	-22.32	28	71.49	29	-59.71	19	-31.84	34	-437.13	18
1 Min.	-454	-41.32	5	-290.89	1	-140.56	5	-19.14	28	78.48	29	-57.47	19	-31.84	34	-435.80	18
1 Max	-454	38.55	5	291.75	1	148.80	5	5.54	19	295.51	18	10.10	5	12.82	28	-93.16	1
1 Max	-491	24.67	5	250.04	1	155.68	5	29.24	19	311.26	18	6.03	5	12.82	28	-93.14	1
1 Max	-490	32.53	5	249.89	1	161.09	5	40.62	19	464.83	18	6.26	5	12.72	28	-93.14	1
1 Max	-453	46.41	5	291.65	1	154.31	5	17.19	19	448.64	18	10.35	5	12.72	28	-93.16	1
1 Min.	-454	-38.56	5	-291.84	1	-148.76	5	-18.53	28	78.03	29	-57.59	19	-85.13	19	-382.05	18
1 Min.	-491	-24.67	5	-250.06	1	-155.63	5	-22.10	28	76.14	29	-59.59	19	-85.13	19	-383.20	18
1 Min.	-490	-32.52	5	-249.91	1	-161.05	5	-19.93	28	133.66	29	-47.87	19	-84.51	19	-383.20	18
1 Min.	-453	-46.41	5	-291.74	1	-154.27	5	-16.41	28	135.61	29	-45.86	19	-84.51	19	-382.05	18
1 Max	-453	43.61	5	295.19	1	163.13	5	18.79	19	449.89	18	9.84	5	13.84	28	-65.10	1
1 Max	-490	30.12	5	264.43	1	170.54	5	39.41	19	470.20	18	6.77	5	13.84	28	-65.15	1
1 Max	-489	37.22	5	264.08	1	183.25	5	50.56	19	603.74	18	6.65	5	13.77	28	-65.15	1
1 Max	-452	50.71	5	295.24	1	176.46	5	30.28	19	583.18	18	9.53	5	13.77	28	-65.10	1
1 Min.	-453	-43.62	5	-295.29	1	-163.08	5	-16.12	28	137.03	29	-46.53	19	-88.32	19	-336.45	18
1 Min.	-490	-30.11	5	-264.45	1	-170.50	5	-19.70	28	134.78	29	-47.22	19	-88.32	19	-337.06	18
1 Min.	-489	-37.21	5	-264.10	1	-183.21	5	-16.87	28	170.39	1	-31.45	19	-87.52	19	-337.06	18
1 Min.	-452	-50.71	5	-295.33	1	-176.42	5	-13.32	28	170.60	1	-30.76	19	-87.52	19	-336.45	18
1 Max	-373	453.25	5	56.95	5	115.27	5	530.98	18	4.93	5	22.58	19	-66.53	1	134.92	19
1 Max	-374	452.62	5	48.91	5	105.66	5	425.22	18	1.94	5	39.70	19	-66.53	1	135.03	19
1 Max	-414	314.27	1	29.83	5	120.72	5	451.77	18	24.79	19	48.02	19	-66.55	1	135.03	19
1 Max	-413	314.19	1	37.87	5	130.34	5	558.02	18	26.83	19	30.90	19	-66.55	1	134.92	19
1 Min.	-373	-453.46	5	-56.95	5	-115.30	5	172.46	1	-25.99	18	-13.52	5	-252.21	18	-25.07	28
1 Min.	-374	-452.83	5	-48.91	5	-105.69	5	141.35	29	-28.59	18	-14.10	5	-252.21	18	-25.21	28
1 Min.	-414	-314.40	1	-29.82	5	-120.76	5	137.97	29	-17.12	28	-11.24	5	-253.49	18	-25.21	28
1 Min.	-413	-314.32	1	-37.86	5	-130.37	5	171.78	1	-14.47	28	-10.66	5	-253.49	18	-25.07	28
1 Max	-413	314.51	1	53.54	5	139.04	5	567.94	18	14.18	19	29.34	19	-63.25	1	213.63	19
1 Max	-414	314.61	1	43.63	5	140.02	5	438.30	18	1.83	5	49.65	19	-63.25	1	214.49	19
1 Max	-453	295.11	1	36.72	5	159.90	5	453.36	18	35.63	19	48.76	19	-63.18	1	214.49	19
1 Max	-452	295.00	1	46.63	5	158.92	5	583.19	18	48.93	19	28.45	19	-63.18	1	213.63	19
1 Min.	-413	-314.64	1	-53.53	5	-139.08	5	171.50	1	-12.31	28	-11.08	5	-333.47	18	-16.88	28
1 Min.	-414	-314.75	1	-43.63	5	-140.05	5	137.94	29	-14.94	28	-10.82	5	-333.47	18	-17.77	28
1 Min.	-453	-295.20	1	-36.71	5	-159.94	5	137.09	29	-17.65	28	-9.56	5	-333.99	18	-17.77	28
1 Min.	-452	-295.10	1	-46.62	5	-158.97	5	170.70	1	-14.83	28	-9.83	5	-333.99	18	-16.88	28
1 Max	-338	630.02	5	41.74	5	69.46	5	414.88	18	2.33	5	29.30	19	-104.79	1	56.36	19
1 Max	-339	629.53	5	35.79	5	64.75	5	290.54	18	-1.76	5	37.82	19	-104.79	1	57.15	19
1 Max	-375	479.52	5	20.89	5	83.33	5	298.91	18	-2.96	14	47.50	19	-104.74	1	57.15	19
1 Max	-374	480.01	5	26.89	5	88.03	5	423.50	18	0.43	14	38.98	19	-104.74	1	56.36	19
1 Min.	-338	-630.28	5	-41.74	5	-69.48	5	144.10	29	-22.40	18	-15.24	5	-290.64	18	-31.79	28
1 Min.	-339	-629.80	5	-35.79	5	-64.78	5	86.97	29	-23.02	18	-15.18	5	-290.64	18	-32.36	28
1 Min.	-375	-479.73	5	-20.88	5	-83.35	5	84.66	29	-19.80	23	-13.86	5	-291.28	18	-32.36	28
1 Min.	-374	-480.21	5	-26.88	5	-88.06	5	141.66	29	-14.60	23	-13.90	5	-291.28	18	-31.79	28
1 Max	-374	482.53	5	52.51	5	106.44	5	428.60	18	1.79	5	39.94	19	-103.26	1	74.40	19
1 Max	-375	481.61	5	42.29	5	105.95	5										

Relazione di Calcolo – Ponte Torrente Gogna

1 Max	-415	313.29	1	26.02	5	110.67	5	291.56	18	3.35	19	54.70	19	-136.52	1	32.28	19
1 Min.	-375	-511.65	5	-45.76	5	-100.07	5	86.45	29	-23.82	23	-14.65	5	-396.95	18	-28.39	28
1 Min.	-376	-511.08	5	-39.07	5	-91.64	5	14.11	29	-32.06	33	-19.60	28	-396.95	18	-28.44	28
1 Min.	-416	-313.40	1	-19.32	5	-102.27	5	7.49	29	-28.49	28	-15.86	28	-398.21	18	-28.44	28
1 Min.	-415	-313.41	1	-26.01	5	-110.70	5	79.74	29	-22.06	28	-12.08	5	-398.21	18	-28.39	28
1 Max	-415	314.31	5	42.36	5	117.89	5	295.08	18	2.65	19	53.04	19	-132.46	1	45.69	19
1 Max	-416	313.67	1	33.19	5	114.55	5	124.49	18	-7.68	5	57.34	19	-132.46	1	48.00	19
1 Max	-455	290.53	1	25.43	5	126.89	5	127.13	18	-2.10	19	58.48	19	-132.41	1	48.00	19
1 Max	-454	290.60	1	34.60	5	130.24	5	297.83	18	10.11	19	54.19	19	-132.41	1	45.69	19
1 Min.	-415	-314.43	5	-42.36	5	-117.92	5	80.17	29	-18.17	28	-12.70	5	-427.57	18	-18.96	28
1 Min.	-416	-313.79	1	-33.19	5	-114.59	5	7.67	29	-26.25	23	-14.69	28	-427.57	18	-20.04	28
1 Min.	-455	-290.62	1	-25.43	5	-126.93	5	6.01	29	-27.47	28	-13.47	28	-427.88	18	-20.04	28
1 Min.	-454	-290.68	1	-34.60	5	-130.28	5	78.45	29	-20.30	28	-11.72	5	-427.88	18	-18.96	28
1 Max	-303	23.51	5	800.53	5	31.81	5	-44.12	5	-115.85	1	2.74	29	27.92	18	-306.75	5
1 Max	-342	13.87	5	704.16	5	48.42	5	-48.12	5	-111.38	1	18.51	28	27.92	18	-306.64	5
1 Max	-341	15.22	5	704.25	5	52.84	5	-20.91	5	-13.84	1	27.73	28	29.43	18	-306.64	5
1 Max	-302	24.78	5	800.62	5	36.23	5	-16.69	29	-18.42	1	9.16	28	29.43	18	-306.75	5
1 Min.	-303	-23.51	5	-800.80	5	-31.80	5	-92.86	33	-298.19	18	-52.23	18	-11.75	5	-660.54	18
1 Min.	-342	-13.87	5	-704.39	5	-48.40	5	-100.13	33	-293.21	18	-39.57	19	-11.75	5	-660.89	18
1 Min.	-341	-15.22	5	-704.48	5	-52.82	5	-49.71	33	-77.86	18	-34.66	19	-13.53	5	-660.89	18
1 Min.	-302	-24.78	5	-800.88	5	-36.22	5	-42.67	33	-82.97	18	-44.53	19	-13.53	5	-660.54	18
1 Max	-340	684.44	5	35.02	5	62.57	5	124.86	18	-10.96	5	42.18	19	-194.56	1	43.23	34
1 Max	-341	683.97	5	29.82	5	58.45	5	-29.42	1	-23.48	5	42.10	19	-194.56	1	43.49	34
1 Max	-377	531.57	5	14.58	5	70.51	5	-28.99	1	-21.74	5	46.81	19	-194.51	1	43.49	34
1 Max	-376	532.03	5	19.90	5	74.64	5	124.94	18	-9.43	5	46.89	19	-194.51	1	43.23	34
1 Min.	-340	-684.68	5	-35.02	5	-62.60	5	21.08	29	-37.21	33	-16.02	28	-465.69	18	-16.09	28
1 Min.	-341	-684.21	5	-29.82	5	-58.47	5	-103.87	28	-59.28	33	-19.40	28	-465.69	18	-16.54	28
1 Min.	-377	-531.75	5	-14.57	5	-70.54	5	-106.99	28	-50.50	33	-23.76	28	-466.25	18	-16.54	28
1 Min.	-376	-532.22	5	-19.89	5	-74.66	5	18.02	29	-28.87	23	-20.38	28	-466.25	18	-16.09	28
1 Max	-376	534.25	5	42.03	5	88.81	5	127.90	18	-9.29	29	49.44	19	-179.09	1	58.93	33
1 Max	-377	533.49	5	33.80	5	86.59	5	-26.72	1	-19.43	5	44.39	19	-179.09	1	59.12	33
1 Max	-417	333.19	5	13.76	5	92.32	5	-26.49	34	-16.66	5	48.35	19	-179.11	1	59.12	33
1 Max	-416	333.95	5	22.06	5	94.54	5	120.15	18	-3.31	34	53.41	19	-179.11	1	58.93	33
1 Min.	-376	-534.43	5	-42.03	5	-88.84	5	18.23	29	-36.90	33	-17.21	28	-476.46	18	-30.81	29
1 Min.	-377	-533.68	5	-33.80	5	-86.62	5	-103.73	28	-55.96	33	-26.85	28	-476.46	18	-30.99	29
1 Min.	-417	-333.30	5	-13.76	5	-92.36	5	-115.62	28	-42.05	28	-27.88	28	-477.43	18	-30.99	29
1 Min.	-416	-334.06	5	-22.06	5	-94.58	5	8.32	29	-26.98	28	-18.25	28	-477.43	18	-30.81	29
1 Max	-302	21.74	5	774.37	5	39.69	5	-19.23	5	-29.64	1	17.00	28	42.41	28	-199.52	1
1 Max	-341	12.53	5	682.24	5	54.48	5	-21.03	5	-30.17	1	19.84	28	42.41	28	-199.54	1
1 Max	-340	19.42	5	682.91	5	54.64	5	-8.66	5	124.91	18	15.65	28	41.16	28	-199.54	1
1 Max	-301	28.60	5	775.04	5	39.86	5	-6.02	29	126.07	18	12.80	28	41.16	28	-199.52	1
1 Min.	-302	-21.75	5	-774.64	5	-39.68	5	-47.22	33	-102.33	28	-37.99	19	-13.11	34	-462.10	18
1 Min.	-341	-12.53	5	-682.48	5	-54.45	5	-49.11	33	-105.16	28	-41.23	19	-13.11	34	-462.44	18
1 Min.	-340	-19.42	5	-683.15	5	-54.62	5	-26.38	33	21.72	29	-42.94	19	-11.78	34	-462.44	18
1 Min.	-301	-28.60	5	-775.31	5	-39.85	5	-24.24	33	24.41	29	-39.70	19	-11.78	34	-462.10	18
1 Max	-341	705.97	5	32.25	5	56.82	5	-18.49	1	-28.16	5	46.77	19	-264.94	1	40.95	33
1 Max	-342	705.54	5	27.71	5	54.08	5	-107.68	1	-46.81	5	27.48	19	-264.94	1	42.99	33
1 Max	-378	552.65	5	12.42	5	61.48	5	-115.44	1	-34.26	5	22.91	19	-265.35	1	42.99	33
1 Max	-377	553.09	5	17.02	5	64.22	5	-26.28	1	-16.01	5	42.21	19	-265.35	1	40.95	33
1 Min.	-341	-706.20	5	-32.25	5	-56.84	5	-84.27	18	-67.96	33	-13.14	28	-584.21	18	-28.32	19
1 Min.	-342	-705.77	5	-27.71	5	-54.11	5	-287.07	18	-101.39	33	-33.13	28	-584.21	18	-25.91	19
1 Min.	-378	-552.83	5	-12.42	5	-61.51	5	-309.82	18	-73.30	33	-49.92	28	-586.05	18	-25.91	19
1 Min.	-377	-553.27	5	-17.02	5	-64.24	5	-106.35	18	-40.60	33	-29.93	28	-586.05	18	-28.32	19
1 Max	-377	555.01	5	36.33	5	80.29	5	-31.55	1	-19.35	29	35.14	19	-186.77	1	65.14	33
1 Max	-378	554.63	5	32.20	5	70.94	5	-109.53	1	-17.01	29	30.19	19	-186.77	1	65.02	33
1 Max	-418	346.53	5	11.38	5	77.61	5	-108.54	1	-14.84	1	52.62	19	-186.79	1	65.02	33
1 Max	-417	346.91	5	15.64	5	86.96	5	-30.26	34	-16.05	1	57.58	19	-186.79	1	65.14	33
1 Min.	-377	-555.19	5	-36.33	5	-80.32	5	-109.24	28	-55.59	33	-37.50	28	-481.68	18	-43.47	19
1 Min.	-378	-554.81	5	-32.20	5	-70.97	5	-304.56	18	-51.40	33	-42.17	28	-481.68	18	-43.46	19
1 Min.	-418	-346.64	5	-11.38	5	-77.64	5	-312.89	18	-43.00	18	-21.93	28	-482.94	18	-43.46	19
1 Min.	-417	-347.01	5	-15.64	5	-87.00	5	-116.73	28	-45.88	18	-17.26	28	-482.94	18	-43.47	19
1 Max	-342	723.09	5	29.71	5	48.66	5	-108.89	1	-76.53	5	30.48	19	-385.90	5	441.50	33
1 Max	-343	723.05	5	29.03	5	48.48	5	-225.65	1	-98.30	5	28.92	19	-385.90	5	444.79	33
1 Max	-379	565.20	5	13.24	5	55.19	5	-209.45	1	-23.89	5	18.30	19	-384.14	5	444.79	33
1 Max	-378	565.24	5	14.05	5	55.37	5	-93.16	1	-1.82	29	19.86	19	-384.14	5	441.50	33
1 Min.	-342	-723.32	5	-29.71	5	-48.68	5	-297.18	18	-158.86	33	-30.76	28	-813.98	18	223.18	5
1 Min.	-343	-723.27	5	-29.03	5	-48.50	5	-544.85	18	-197.77	33	-24.30	28	-813.98	18	224.72	5
1 Min.	-379	-565.37	5	-13.24	5	-55.22	5	-526.13	18	-51.74	23	-45.88	28	-811.53	18	224.72	5
1 Min.	-378	-565.41	5	-14.05	5	-55.40	5	-279.25	18	-13.03	33	-52.33	28	-811.53	18	223.18	5
1 Max	-378	567.22	5	33.58	5	64.82	5	-123.22	1	-10.11	19	23.58	19	-134.03	9	58.64	5
1 Max	-379	566.80	5	29.26	5	67.89	5	-180.37	1	3.02	19	14.67	19	-134.03	9	58.51	5
1 Max	-419	357.10	5	8.28	5	72.38	5	-170.88	1	-7.17	1	52.39	18	-133.76	9	58.51	5
1 Max	-418	357.51	5	12.68	5	69.31	5	-113.83	1	-15.79	1	59.23	19	-133.76	9	58.64	5
1 Min.	-378	-567.39	5	-33.58	5	-64.86	5	-329.72	18	-43.68	33	-49.44	28	-358.64	18	-97.17	19
1 Min.	-379	-566.97	5	-29.27	5	-67.93	5	-474.08	18	-26.06	33	-48.72	28	-358.64	18	-97.31	19
1 Min.	-419	-357.20	5	-8.28	5	-72.41	5	-481.80	18	-36.01	18	-16.05	29	-359.78	18	-97.31	19
1 Min.	-418	-357.62	5	-12.68	5	-69.34	5	-337.08	18	-53.14	18	-14.70	28	-359.78	18	-97.17	19
1 Max	-418	358.73	5	25.00	5	78.45	5	-98.52	1	4.07	24	61.12	19	-302.93	1	-159.07	5
1 Max	-419	358.51	5	22.42	5	73.96	5	-186.43	1	-23.53	1	48.92	18	-302.93	1	-160.85	5
1 Max	-458	275.94	1	13.59	5	81.83	5	-189.34	1	-60.76	1	33.58	19</				

Relazione di Calcolo – Ponte Torrente Gogna

1 Min.	-301	-25.62	5	-747.16	5	-37.22	5	-24.71	33	17.41	29	-38.64	19	-28.01	19	-364.96	18
1 Min.	-340	-16.27	5	-653.68	5	-60.61	5	-27.06	33	17.56	29	-43.95	19	-28.01	19	-365.22	18
1 Min.	-339	-18.33	5	-653.80	5	-64.60	5	-17.79	18	90.10	29	-36.79	19	-25.17	19	-365.22	18
1 Min.	-300	-27.57	5	-747.28	5	-41.21	5	-16.18	18	90.04	29	-31.49	19	-25.17	19	-364.96	18
1 Max	-300	23.98	5	716.07	5	46.85	5	-0.57	5	289.43	18	16.17	5	42.41	28	-106.88	1
1 Max	-339	15.13	5	627.44	5	60.83	5	-2.73	14	292.90	18	15.25	5	42.41	28	-106.80	1
1 Max	-338	25.19	5	628.47	5	56.85	5	1.00	5	413.97	18	15.19	5	40.28	28	-106.80	1
1 Max	-299	34.05	5	717.11	5	42.88	5	3.39	5	410.39	18	16.12	5	40.28	28	-106.88	1
1 Min.	-300	-23.98	5	-716.37	5	-46.84	5	-16.62	18	88.69	29	-31.37	19	-37.83	19	-283.30	18
1 Min.	-339	-15.13	5	-627.70	5	-60.81	5	-16.01	33	86.86	29	-36.91	19	-37.83	19	-283.58	18
1 Min.	-338	-25.19	5	-628.74	5	-56.83	5	-15.23	18	143.85	29	-30.15	19	-35.15	19	-283.58	18
1 Min.	-299	-34.05	5	-717.40	5	-42.87	5	-15.67	18	145.75	29	-24.62	19	-35.15	19	-283.30	18
1 Max	-299	31.14	5	688.08	5	34.28	5	3.31	5	416.78	18	16.12	5	39.11	28	-65.20	1
1 Max	-338	21.61	5	592.70	5	64.13	5	1.37	14	423.40	18	15.20	5	39.11	28	-65.19	1
1 Max	-337	21.81	5	592.51	5	69.35	5	3.31	5	511.69	18	15.14	5	36.98	28	-65.19	1
1 Max	-298	31.20	5	687.89	5	39.50	5	5.57	5	505.00	18	16.05	5	36.98	28	-65.20	1
1 Min.	-299	-31.15	5	-688.39	5	-34.27	5	-16.28	18	144.32	9	-24.92	19	-61.33	19	-201.87	18
1 Min.	-338	-21.60	5	-592.97	5	-64.11	5	-13.04	18	143.67	29	-29.83	19	-61.33	19	-202.04	18
1 Min.	-337	-21.80	5	-592.78	5	-69.34	5	-14.70	18	174.48	1	-18.41	19	-59.42	19	-202.04	18
1 Min.	-298	-31.20	5	-688.20	5	-39.49	5	-17.66	18	174.39	1	-13.51	19	-59.42	19	-201.87	18
1 Max	-260	926.50	5	21.03	5	17.92	5	401.16	18	4.77	28	12.36	19	-100.18	1	22.21	19
1 Max	-261	926.58	5	20.98	5	17.06	5	283.42	18	2.00	28	19.19	19	-100.18	1	22.62	19
1 Max	-300	713.67	5	0.94	1	27.11	5	291.77	18	-1.47	14	31.37	19	-99.81	1	22.62	19
1 Max	-299	713.59	5	2.02	1	27.97	5	409.80	18	-0.13	5	24.54	19	-99.81	1	22.21	19
1 Min.	-260	-926.87	5	-21.03	5	-17.93	5	145.83	9	-6.51	19	-20.19	5	-274.51	18	-24.01	28
1 Min.	-261	-926.95	5	-20.99	5	-17.07	5	91.21	29	-5.69	19	-20.91	28	-274.51	18	-24.61	28
1 Min.	-300	-713.97	5	-0.94	1	-27.11	5	88.78	29	-8.89	23	-15.85	5	-275.24	18	-24.61	28
1 Min.	-299	-713.89	5	-2.02	1	-27.98	5	145.02	29	-7.36	18	-16.45	5	-275.24	18	-24.01	28
1 Max	-261	958.40	5	24.16	5	22.36	5	272.34	18	3.04	28	18.01	19	-135.59	1	8.85	19
1 Max	-262	957.71	5	17.30	5	22.41	5	126.12	18	0.46	29	22.92	19	-135.59	1	9.36	19
1 Max	-301	743.91	5	4.09	5	21.52	5	132.46	18	-4.80	14	37.47	19	-135.19	1	9.36	19
1 Max	-300	744.59	5	2.83	5	21.47	5	279.11	18	-2.68	5	32.56	19	-135.19	1	8.85	19
1 Min.	-261	-958.76	5	-24.17	5	-22.37	5	90.81	29	-4.81	19	-21.72	28	-341.99	18	-24.37	28
1 Min.	-262	-958.08	5	-17.31	5	-22.42	5	19.87	29	-6.37	33	-22.24	28	-341.99	18	-25.04	28
1 Min.	-301	-744.19	5	-4.08	5	-21.53	5	18.29	29	-13.71	33	-15.14	28	-343.07	18	-25.04	28
1 Min.	-300	-744.88	5	-2.82	5	-21.48	5	88.86	29	-10.96	18	-15.20	5	-343.07	18	-24.37	28
1 Max	-725	6.01	5	791.80	5	21.83	5	-28.93	5	-126.30	1	33.36	33	4.26	34	-198.52	9
1 Max	-765	17.28	5	1022.53	5	18.70	5	-2.80	5	-134.29	1	20.48	28	4.26	34	-197.53	9
1 Max	-764	20.99	5	1022.87	5	24.88	5	-0.69	5	-74.89	1	10.01	29	4.97	34	-197.53	9
1 Max	-724	2.39	5	792.15	5	28.00	5	-26.80	5	-66.65	1	18.40	28	4.97	34	-198.52	9
1 Min.	-725	-6.02	5	-791.54	5	-21.82	5	-83.98	18	-436.09	18	5.43	19	-84.93	28	-635.75	18
1 Min.	-765	-17.27	5	-1022.20	5	-18.70	5	-14.35	33	-463.28	18	-8.45	19	-84.93	28	-635.82	18
1 Min.	-764	-20.99	5	-1022.53	5	-24.87	5	-9.78	33	-276.39	18	-24.60	18	-84.43	28	-635.82	18
1 Min.	-724	-2.39	5	-791.88	5	-27.99	5	-75.18	18	-249.21	18	-8.54	19	-84.43	28	-635.75	18
1 Max	-724	6.60	5	753.63	5	31.87	5	-18.73	5	-64.77	1	13.75	29	32.01	34	-187.77	1
1 Max	-764	15.62	5	972.16	5	27.36	5	-8.31	5	-70.24	1	14.42	29	32.01	34	-187.82	1
1 Max	-763	20.37	5	972.59	5	27.22	5	7.77	18	139.23	18	-0.22	29	33.68	34	-187.82	1
1 Max	-723	1.93	5	754.06	5	31.73	5	-1.20	34	154.34	18	-0.89	29	33.68	34	-187.77	1
1 Min.	-724	-6.60	5	-753.35	5	-31.86	5	-52.49	18	-250.12	18	-14.72	18	-24.70	28	-630.43	18
1 Min.	-764	-15.61	5	-971.80	5	-27.35	5	-27.11	33	-265.65	18	-18.31	18	-24.70	28	-631.10	18
1 Min.	-763	-20.36	5	-972.24	5	-27.21	5	0.75	34	-15.48	29	-39.08	18	-23.58	28	-631.10	18
1 Min.	-723	-1.93	5	-753.78	5	-31.72	5	-24.05	28	-4.74	29	-35.49	18	-23.58	28	-630.43	18
1 Max	-264	1048.84	5	20.60	5	12.96	5	-102.94	1	16.59	18	34.10	19	-155.63	9	-128.29	5
1 Max	-265	1048.82	5	20.67	5	17.50	5	-162.24	1	23.42	18	10.68	19	-155.63	9	-128.61	5
1 Max	-304	815.36	5	3.63	5	21.28	5	-188.18	1	-36.58	5	32.77	18	-157.29	9	-128.61	5
1 Max	-303	815.38	5	3.04	5	16.73	5	-128.48	1	-39.10	5	61.63	18	-157.29	9	-128.29	5
1 Min.	-264	-1049.16	5	-20.61	5	-12.97	5	-276.41	18	4.97	5	-9.06	28	-349.77	18	-286.33	18
1 Min.	-265	-1049.14	5	-20.08	5	-17.51	5	-407.36	18	7.86	5	-33.60	28	-349.77	18	-286.33	18
1 Min.	-304	-815.61	5	-3.63	5	-21.29	5	-466.60	18	-74.47	33	-15.87	29	-355.22	18	-286.33	18
1 Min.	-303	-815.63	5	-3.04	5	-16.74	5	-333.90	18	-81.10	33	3.24	29	-355.22	18	-286.33	18
1 Max	33	1163.56	5	517.33	1	388.99	1	16.72	19	93.54	1	35.88	19	229.26	1	151.75	1
1 Max	-405	1198.08	5	354.92	1	478.83	1	57.00	5	39.24	1	74.55	1	229.26	1	175.97	1
1 Max	-404	1550.24	5	414.69	1	338.49	1	61.84	5	27.87	1	33.42	1	229.87	1	175.97	1
1 Max	-365	1515.64	5	457.51	1	248.62	1	31.75	1	80.22	1	36.68	19	229.87	1	151.75	1
1 Min.	33	-1163.82	5	-516.85	1	-388.65	1	-48.15	1	-79.75	1	-38.81	1	-280.66	1	-33.85	1
1 Min.	-405	-1198.42	5	-355.25	1	-478.40	1	-67.78	5	-21.72	1	-96.75	1	-280.66	1	-54.01	1
1 Min.	-404	-1551.18	5	-415.08	1	-338.18	1	-80.20	5	-30.08	1	-55.32	1	-281.46	1	-54.01	1
1 Min.	-365	-1516.50	5	-457.08	1	-248.40	1	-75.25	1	-85.33	1	-30.22	5	-281.46	1	-33.85	1
1 Max	-405	949.62	5	349.13	1	169.82	5	37.88	5	36.85	1	53.33	1	442.37	18	70.01	1
1 Max	34	936.66	5	45.28	1	148.65	5	48.11	5	19.03	1	44.49	19	442.37	18	64.88	1
1 Max	-444	1191.39	5	118.13	1	166.54	1	73.10	5	22.39	1	32.79	19	443.20	18	64.88	1
1 Max	-404	1180.92	5	279.73	1	15.40	1	62.24	5	41.60	1	54.51	1	443.20	18	70.01	1
1 Min.	-405	-949.99	5	-349.47	1	-169.74	5	-64.14	5	-42.10	14	-68.55	1	-33.65	5	-429.58	13
1 Min.	34	-936.99	5	-45.24	1	-148.72	5	-129.93	5	-71.80	13	-30.97	1	-33.65	5	-427.01	13
1 Min.	-444	-1191.08	5	-118.02	1	-166.70	1	-140.59	5	-29.10	1	-45.78	1	-33.80	5	-427.01	13
1 Min.	-404	-1180.65	5	-280.00	1	-15.40	1	-74.66	5	-26.92	1	-83.36	1	-33.80	5	-429.58	13
1 Max	-597	250.05	5	365.78	1	573.95	1	97.45	14	38.15	1	104.45	1	289.31	1	222.30	1
1 Max	42	225.43	5	521.96	1	454.17	1	38.68	14	106.03	1	43.84	18	289.31	1	196.29	1
1 Max	-636	754.99	1	458.46	1	212.47	1	55.45	1	91.71	1	47.32	18	290.96	1	196.29	1
1 Max	-596	842.61	1	429.29	1	332.26	1	87.57	14	26.10	1	63.92	18	290.96	1	222.30	1
1 Min.	-597	-															

Relazione di Calcolo – Ponte Torrente Gogna

1 Min.	-345	-11.34	5	-746.61	5	-24.41	5	-38.64	28	-296.42	18	-14.68	18	-21.55	29	142.38	9
1 Min.	-344	-13.39	5	-746.78	5	-28.38	5	-100.45	33	-425.36	18	-7.50	19	-26.62	29	142.38	9
1 Min.	-306	-23.42	5	-847.46	5	-20.16	5	-94.67	33	-428.76	18	5.68	19	-26.62	29	142.35	9
1 Max	-306	21.71	5	833.50	5	24.55	5	4.34	19	-129.98	1	57.47	28	857.28	18	671.63	33
1 Max	-344	11.76	5	734.02	5	34.75	5	-87.88	5	-143.50	1	37.85	28	857.28	18	674.21	33
1 Max	30	14.09	5	734.25	5	35.80	5	-119.12	5	-242.50	1	22.51	28	866.03	18	674.21	33
1 Max	-305	23.96	5	833.73	5	25.60	5	-36.92	5	-228.85	1	42.13	28	866.03	18	671.63	33
1 Min.	-306	-21.71	5	-833.74	5	-24.54	5	-15.42	23	-373.70	18	8.55	19	399.04	5	323.63	5
1 Min.	-344	-11.76	5	-734.24	5	-34.73	5	-175.66	33	-405.69	18	-10.36	19	399.04	5	325.06	5
1 Min.	30	-14.09	5	-734.46	5	-35.78	5	-240.73	33	-587.17	18	-30.24	19	402.01	5	325.06	5
1 Min.	-305	-23.96	5	-833.97	5	-25.59	5	-75.32	33	-554.38	18	-11.32	19	402.01	5	323.63	5
1 Max	-345	25.91	5	747.87	5	26.38	5	-24.84	19	-49.77	29	36.42	28	40.18	19	295.62	28
1 Max	-382	9.69	5	585.70	5	30.09	5	-15.64	5	-54.75	29	29.73	29	40.18	19	296.44	28
1 Max	-381	12.34	5	585.93	5	34.74	5	-37.56	5	-153.67	1	19.57	29	37.32	19	296.44	28
1 Max	-344	28.50	5	748.10	5	31.03	5	-48.19	5	-148.23	1	23.90	29	37.32	19	295.62	28
1 Min.	-345	-25.91	5	-748.07	5	-26.35	5	-58.56	28	-300.98	18	3.68	19	-35.14	28	116.41	9
1 Min.	-382	-9.69	5	-585.85	5	-30.06	5	-37.34	28	-320.92	18	-11.69	18	-35.14	28	116.63	9
1 Min.	-381	-12.34	5	-586.09	5	-34.71	5	-78.30	18	-441.15	18	-42.36	18	-40.82	28	116.63	9
1 Min.	-344	-28.50	5	-748.30	5	-31.01	5	-94.84	33	-421.02	18	-24.64	18	-40.82	28	116.41	9
1 Max	-344	26.97	5	735.55	5	37.38	5	-82.35	5	-149.56	1	26.74	29	-246.32	5	555.92	28
1 Max	-381	11.04	5	576.22	5	44.81	5	0.69	19	-131.63	1	16.66	29	-246.32	5	553.41	28
1 Max	-380	12.84	5	576.37	5	46.72	5	-21.20	5	-216.19	1	20.23	29	-248.28	5	553.41	28
1 Max	30	28.75	5	735.69	5	39.29	5	-102.76	5	-234.46	1	35.33	28	-248.28	5	555.92	28
1 Min.	-344	-26.97	5	-735.76	5	-37.35	5	-162.58	33	-416.55	18	-21.17	18	-469.25	33	260.37	9
1 Min.	-381	-11.04	5	-576.39	5	-44.78	5	-8.89	23	-395.94	18	-45.92	18	-469.25	33	258.60	9
1 Min.	-380	-12.84	5	-576.54	5	-46.70	5	-47.23	33	-548.08	18	-40.30	18	-473.00	33	258.60	9
1 Min.	30	-28.75	5	-735.91	5	-39.27	5	-205.51	33	-570.19	18	-20.56	19	-473.00	33	260.37	9
1 Max	-383	27.26	5	593.29	5	16.88	5	-15.73	5	21.55	29	17.35	29	45.21	18	186.52	28
1 Max	-423	5.12	5	371.90	5	18.09	5	1.55	29	42.87	29	16.17	29	45.21	18	188.02	28
1 Max	-422	6.50	5	372.01	5	26.44	5	-6.97	29	-31.91	29	30.30	29	45.04	18	188.02	28
1 Max	-382	28.57	5	593.41	5	25.22	5	-23.01	5	-52.56	29	31.48	29	45.04	18	186.52	28
1 Min.	-383	-27.27	5	-593.44	5	-16.85	5	-52.78	28	-260.91	18	-0.79	23	-112.58	29	48.76	9
1 Min.	-423	-5.12	5	-371.99	5	-18.06	5	-39.64	18	-275.31	18	-9.95	23	-112.58	29	48.98	9
1 Min.	-422	-6.50	5	-372.10	5	-26.40	5	-54.24	18	-335.59	18	-18.93	18	-112.93	29	48.98	9
1 Min.	-382	-28.58	5	-593.56	5	-25.19	5	-64.33	28	-321.07	18	-10.40	18	-112.93	29	48.76	9
1 Max	-382	27.80	5	587.51	5	34.78	5	-23.21	19	-49.35	29	23.64	29	59.56	19	236.65	28
1 Max	-422	5.91	5	368.70	5	37.78	5	-20.19	9	-45.87	29	38.12	29	59.56	19	237.52	28
1 Max	-421	8.32	5	368.90	5	44.71	5	-16.93	1	-148.78	1	40.28	29	59.89	19	237.52	28
1 Max	-381	30.12	5	587.70	5	41.71	5	-19.12	19	-149.09	1	25.80	29	59.89	19	236.65	28
1 Min.	-382	-27.80	5	-587.66	5	-34.75	5	-53.27	23	-323.74	18	-21.24	18	-37.70	28	63.68	9
1 Min.	-422	-5.91	5	-368.80	5	-37.75	5	-56.39	18	-336.00	18	-8.12	18	-37.70	28	63.72	9
1 Min.	-421	-8.32	5	-368.99	5	-44.67	5	-50.80	18	-447.09	18	-19.52	18	-38.08	28	63.72	9
1 Min.	-381	-30.12	5	-587.86	5	-41.67	5	-48.56	23	-434.80	18	-32.65	18	-38.08	28	63.68	9
1 Max	-381	28.79	5	578.00	5	51.78	5	-11.86	19	-164.69	1	20.19	29	104.22	19	142.09	28
1 Max	-421	7.35	5	363.70	5	55.62	5	-17.74	1	-154.43	1	45.88	29	104.22	19	143.75	28
1 Max	-420	10.21	5	363.96	5	58.67	5	-7.92	1	-174.84	1	47.45	28	104.55	19	143.75	28
1 Max	-380	31.55	5	578.26	5	54.83	5	3.76	19	-185.04	1	16.70	29	104.55	19	142.09	28
1 Min.	-381	-28.79	5	-578.17	5	-51.74	5	-44.98	23	-454.60	18	-41.41	18	-56.93	5	13.65	9
1 Min.	-421	-7.35	5	-363.80	5	-55.58	5	-58.32	18	-462.74	18	-10.77	18	-56.93	5	13.80	9
1 Min.	-420	-10.20	5	-364.06	5	-58.64	5	-38.70	18	-496.88	18	-19.30	19	-56.80	5	13.80	9
1 Min.	-380	-31.55	5	-578.43	5	-54.79	5	-25.65	23	-488.71	18	-44.87	18	-56.80	5	13.65	9
1 Max	-423	17.56	5	373.14	5	18.66	5	-15.81	29	52.51	29	17.80	29	58.50	18	214.29	28
1 Max	-461	8.29	5	280.56	5	20.84	5	17.35	29	61.56	29	19.19	29	58.50	18	214.89	28
1 Max	-460	9.83	5	280.69	5	30.79	5	11.40	29	-36.08	29	30.07	29	55.56	18	214.89	28
1 Max	-422	19.06	5	373.27	5	28.61	5	-14.32	5	-44.86	29	28.68	29	55.56	18	214.29	28
1 Min.	-423	-17.56	5	-373.23	5	-18.63	5	-40.34	18	-274.67	18	-6.52	23	-177.79	29	25.97	9
1 Min.	-461	-8.29	5	-280.62	5	-20.80	5	-44.16	18	-284.62	18	-1.25	5	-177.79	29	26.05	9
1 Min.	-460	-9.83	5	-280.75	5	-30.75	5	-37.94	18	-344.37	18	-17.72	18	-182.18	29	26.05	9
1 Min.	-422	-19.06	5	-373.36	5	-28.57	5	-34.76	18	-334.35	18	-22.73	18	-182.18	29	25.97	9
1 Max	-422	18.51	5	369.96	5	39.96	5	-7.43	29	-36.89	29	32.41	29	21.78	19	325.07	28
1 Max	-460	9.40	5	278.93	5	43.42	5	-2.55	29	-30.76	29	26.28	29	21.78	19	325.18	28
1 Max	-459	12.17	5	279.18	5	51.50	5	-23.31	1	-144.60	1	39.95	29	24.06	19	325.18	28
1 Max	-421	21.25	5	370.21	5	48.03	5	-26.12	1	-148.72	1	46.08	29	24.06	19	325.07	28
1 Min.	-422	-18.51	5	-370.06	5	-39.92	5	-34.54	23	-332.75	18	-16.76	18	-130.40	23	86.56	9
1 Min.	-460	-9.40	5	-279.00	5	-43.38	5	-37.11	18	-330.67	18	-23.77	18	-130.40	23	86.53	9
1 Min.	-459	-12.17	5	-279.24	5	-51.46	5	-69.93	18	-447.55	18	-17.80	18	-130.12	23	86.53	9
1 Min.	-421	-21.25	5	-370.30	5	-47.99	5	-66.21	18	-449.65	18	-10.79	18	-130.12	23	86.56	9
1 Max	-421	20.47	5	365.01	5	58.94	5	8.36	24	-136.68	1	49.91	28	592.10	18	586.18	23
1 Max	-459	11.55	5	275.85	5	63.82	5	-44.50	1	-141.07	1	36.83	29	592.10	18	588.46	23
1 Max	35	11.72	5	275.83	5	69.17	5	-63.82	1	-196.83	1	27.19	28	597.54	18	588.46	23
1 Max	-420	20.57	5	364.99	5	64.27	5	-21.94	1	-192.32	1	42.01	28	597.54	18	586.18	23
1 Min.	-421	-20.47	5	-365.11	5	-58.90	5	-8.93	13	-415.11	18	-5.53	19	185.07	5	185.60	9
1 Min.	-459	-11.55	5	-275.93	5	-63.78	5	-124.67	18	-437.14	18	-23.71	18	185.07	5	186.46	9
1 Min.	35	-11.71	5	-275.90	5	-69.13	5	-171.01	18	-563.40	18	-39.61	19	186.92	5	186.46	9
1 Min.	-420	-20.57	5	-365.09	5	-64.23	5	-52.15	18	-540.72	18	-23.19	19	186.92	5	185.60	9
1 Max	-460	19.48	5	279.94	5	44.67	5	-12.84	29	-30.59	29	36.65	29	31.23	19	302.27	28
1 Max	-498	1.49	5	206.22	1	45.24	5	12.66	29	-33.47	29	33.00	29	31.23	19	303.34	28
1 Max	-497	2.69	5	206.11	1	53.46	5	-7.78	29	-145.04	1	25.90	29	28.88	19	303.34	28
1 Max	-459	20.62	5	280.02	5	52.89	5	-24.49	1	-142.24	1	29.55	29	28.88	19	302.27	28
1 Min.	-460	-19.48	5	-280.00	5	-44.63	5	-47.09	18	-336.29	18	-6.85	18				

Relazione di Calcolo – Ponte Torrente Gogna

1 Min.	-536	-7.38	5	-243.22	1	-74.14	5	-40.21	18	-527.56	18	-20.27	19	38.16	5	-40.60	33
1 Min.	-496	-10.39	5	-216.56	1	-73.35	5	6.36	5	-496.22	18	-50.73	18	38.16	5	-41.99	33
1 Max	-547	157.53	5	14.89	5	145.56	5	125.67	18	-3.40	19	0.00	5	264.38	13	36.19	18
1 Max	-548	156.99	5	20.70	5	157.83	5	231.30	18	2.96	19	2.74	5	264.38	13	35.44	18
1 Max	-585	228.54	5	13.55	5	159.01	5	235.74	18	6.80	19	1.00	5	264.47	13	35.44	18
1 Max	-584	229.08	5	7.75	5	146.74	5	130.07	18	0.59	19	-1.74	5	264.47	13	36.19	18
1 Min.	-547	-157.51	5	-14.90	5	-145.60	5	-2.95	29	-27.89	28	-21.33	18	134.72	9	-8.47	29
1 Min.	-548	-156.97	5	-20.71	5	-157.87	5	70.83	29	-23.40	28	-14.69	18	134.72	9	-7.84	29
1 Min.	-585	-228.50	5	-13.55	5	-159.05	5	71.40	29	-25.72	28	-17.18	18	134.71	9	-7.84	29
1 Min.	-584	-229.04	5	-7.76	5	-146.78	5	-2.36	29	-30.33	28	-23.81	18	134.71	9	-8.47	29
1 Max	-538	4.23	5	233.19	1	47.69	5	26.51	29	-11.07	29	22.95	28	61.31	18	416.98	28
1 Max	-576	13.35	5	281.66	5	48.39	5	28.28	29	-6.67	29	12.50	28	74.60	18	416.64	28
1 Max	-575	13.37	5	278.99	5	67.13	5	-28.32	1	-150.16	1	21.63	28	61.19	18	445.71	28
1 Max	-537	23.13	5	232.27	1	50.38	5	-24.65	1	-144.82	1	37.16	28	45.91	18	450.36	28
1 Min.	-538	-4.23	5	-233.15	1	-47.65	5	-37.41	18	-360.27	18	-9.92	19	-30.50	29	77.38	9
1 Min.	-576	-13.35	5	-281.59	5	-48.35	5	-51.10	18	-362.73	18	-14.24	19	-21.64	29	77.17	9
1 Min.	-575	-13.37	5	-278.92	5	-67.09	5	-90.61	18	-497.63	18	-21.59	19	-33.14	29	91.33	9
1 Min.	-537	-23.13	5	-232.22	1	-50.34	5	-74.71	18	-478.06	18	-9.71	19	-43.71	29	93.64	9
1 Max	-537	26.87	1	225.01	1	70.30	1	42.96	24	-129.23	1	-18.20	29	662.39	33	1190.68	23
1 Max	-575	30.01	1	297.05	5	70.35	1	-65.02	1	-135.13	1	-40.22	1	123.44	18	1183.57	23
1 Max	39	31.72	1	289.58	5	74.45	1	-77.88	1	-180.49	1	-36.15	1	665.74	33	674.55	23
1 Max	-536	46.31	5	225.02	1	71.68	1	-34.02	1	-156.10	1	-61.66	1	1076.46	33	808.92	23
1 Min.	-537	-26.83	1	-225.00	1	-70.26	1	-49.33	18	-411.03	18	-130.77	18	165.03	5	308.21	9
1 Min.	-575	-29.96	1	-297.01	5	-70.30	1	-215.97	18	-431.15	18	-156.00	18	-29.09	24	306.00	9
1 Min.	39	-31.68	1	-289.54	5	-74.40	1	-252.25	18	-535.68	18	-148.89	18	165.81	5	156.80	9
1 Min.	-536	-46.27	5	-225.01	1	-71.63	1	-129.56	18	-462.50	18	-216.32	18	283.09	9	196.44	9
1 Max	-612	365.48	5	3.08	5	73.54	5	-168.39	1	35.53	24	57.68	18	110.28	29	2.21	29
1 Max	-613	365.37	5	1.93	5	66.32	5	-169.43	1	6.69	24	38.68	19	110.28	29	1.69	29
1 Max	-652	542.61	5	19.66	5	60.90	5	-177.79	1	-1.61	29	-3.45	19	109.86	29	1.69	29
1 Max	-651	542.72	5	20.85	5	68.12	5	-176.56	1	28.08	34	10.24	19	109.86	29	2.21	29
1 Min.	-612	-365.38	5	-3.08	5	-73.58	5	-539.52	18	-16.65	18	3.56	29	-263.31	33	-96.54	18
1 Min.	-613	-365.27	5	-1.94	5	-66.35	5	-558.02	18	-50.78	18	-3.13	28	-263.31	33	-97.03	18
1 Min.	-652	-542.45	5	-19.66	5	-60.93	5	-594.28	18	-60.65	18	-33.06	28	-264.92	33	-97.03	18
1 Min.	-651	-542.56	5	-20.85	5	-68.15	5	-575.30	18	-26.31	18	-21.07	28	-264.92	33	-96.54	18
1 Max	-575	278.55	5	1.41	5	57.38	5	-151.28	1	-28.62	1	33.66	18	440.56	28	34.40	24
1 Max	-576	278.41	5	1.08	1	47.65	5	-4.52	29	27.56	29	-4.31	5	440.56	28	17.63	24
1 Max	-614	369.25	5	8.88	5	46.85	5	-11.73	29	29.41	29	-0.60	19	440.60	28	17.63	24
1 Max	-613	369.39	5	10.53	5	56.58	5	-155.33	1	-27.64	24	39.89	18	440.60	28	34.40	24
1 Min.	-575	-278.48	5	-1.41	5	-57.42	5	-499.43	18	-82.63	18	-14.41	29	86.83	9	-93.39	18
1 Min.	-576	-278.34	5	-1.08	1	-47.69	5	-358.86	18	-46.35	18	-40.37	28	86.83	9	-102.88	18
1 Min.	-614	-369.15	5	-8.88	5	-46.89	5	-375.56	18	-53.87	18	-26.46	28	86.84	9	-102.88	18
1 Min.	-613	-369.29	5	-10.52	5	-56.62	5	-516.15	18	-88.11	18	-0.49	29	86.84	9	-93.39	18
1 Max	-613	368.59	5	2.61	5	54.03	5	-154.49	1	18.57	24	27.65	19	348.66	28	-6.20	29
1 Max	-614	368.42	5	1.07	1	45.23	5	-13.59	29	9.83	29	11.14	19	348.66	28	-7.92	29
1 Max	-653	552.90	5	19.03	5	40.90	5	-13.26	29	5.90	29	-5.11	5	349.15	28	-7.92	29
1 Max	-652	553.06	5	21.10	5	49.70	5	-156.54	1	-4.61	24	7.57	19	349.15	28	-6.20	29
1 Min.	-613	-368.49	5	-2.61	5	-54.07	5	-514.06	18	-40.12	18	-13.25	28	52.33	9	-89.33	23
1 Min.	-614	-368.32	5	-1.07	1	-45.27	5	-374.14	18	-66.69	18	-13.44	28	52.33	9	-89.45	23
1 Min.	-653	-552.74	5	-19.02	5	-40.93	5	-388.49	18	-87.15	18	-26.19	23	52.41	9	-89.45	23
1 Min.	-652	-552.91	5	-21.10	5	-49.73	5	-528.63	18	-60.35	18	-22.97	28	52.41	9	-89.33	23
1 Max	-576	277.13	5	0.57	1	31.22	5	-22.36	29	16.65	29	-1.77	5	335.39	28	144.04	28
1 Max	-577	277.67	5	5.08	5	18.97	5	143.52	29	46.88	29	3.91	24	335.39	28	146.21	28
1 Max	-615	372.12	5	14.53	5	15.82	5	153.89	29	69.22	29	-0.47	5	335.60	28	146.21	28
1 Max	-614	371.58	5	9.42	5	28.05	5	-12.10	29	38.50	29	-3.76	5	335.60	28	144.04	28
1 Min.	-576	-277.07	5	-0.57	1	-31.26	5	-363.93	18	-47.55	18	-35.21	28	23.89	9	-13.64	19
1 Min.	-577	-277.61	5	-5.08	5	-19.01	5	-289.41	18	-52.85	18	-12.82	28	23.89	9	-12.74	19
1 Min.	-615	-372.03	5	-14.53	5	-15.85	5	-286.53	18	-56.86	18	-9.08	28	23.88	9	-12.74	19
1 Min.	-614	-371.49	5	-9.42	5	-28.09	5	-361.05	18	-51.73	18	-31.47	28	23.88	9	-13.64	19
1 Max	-614	370.75	5	1.07	5	26.42	5	-9.97	29	21.00	29	-2.71	5	343.98	28	16.42	5
1 Max	-615	371.16	5	4.90	5	16.83	5	148.82	29	57.32	29	-1.57	5	343.98	28	16.56	5
1 Max	-654	559.59	5	23.74	5	16.01	5	153.45	29	31.74	29	5.55	19	343.66	28	16.56	5
1 Max	-653	559.18	5	19.96	5	25.61	5	-5.17	29	-4.09	29	5.57	19	343.66	28	16.42	5
1 Min.	-614	-370.66	5	-1.07	5	-26.46	5	-363.73	18	-70.68	18	-26.20	28	42.72	9	-43.06	29
1 Min.	-615	-371.07	5	-4.90	5	-16.87	5	-284.92	18	-48.54	18	-14.44	28	42.72	9	-44.18	29
1 Min.	-654	-559.44	5	-23.74	5	-16.04	5	-282.92	18	-57.03	18	-0.03	5	42.64	9	-44.18	29
1 Min.	-653	-559.04	5	-19.95	5	-25.64	5	-361.64	18	-79.44	18	-10.33	28	42.64	9	-43.06	29
1 Max	-653	4.97	5	551.49	5	36.46	5	24.69	29	-3.81	29	12.69	28	139.27	18	487.94	28
1 Max	-691	24.16	5	743.38	5	32.55	5	-17.82	29	4.83	29	-5.33	5	139.27	18	487.93	28
1 Max	-690	25.73	5	743.50	5	38.12	5	-55.29	5	-160.05	1	5.22	33	146.54	18	487.93	28
1 Max	-652	6.49	5	551.61	5	42.03	5	-32.82	5	-163.30	1	33.78	28	146.54	18	487.94	28
1 Min.	-653	-4.97	5	-551.34	5	-36.44	5	-37.76	18	-368.56	18	-4.27	19	37.50	5	112.92	9
1 Min.	-691	-24.16	5	-743.17	5	-32.53	5	-105.97	18	-366.38	18	-27.46	18	37.50	5	112.87	9
1 Min.	-690	-25.73	5	-743.29	5	-38.10	5	-172.73	18	-545.48	18	-15.37	19	39.95	5	112.87	9
1 Min.	-652	-6.50	5	-551.46	5	-42.01	5	-101.39	18	-547.72	18	5.87	19	39.95	5	112.92	9
1 Max	-470	140.11	5	42.80	5	161.84	5	313.64	18	1.87	5	9.68	5	144.13	13	19.88	19
1 Max	-471	140.72	5	48.86	5	174.19	5	371.07	18	4.96	5	9.17	5	144.13	13	19.78	19
1 Max	-510	84.25	1	35.39	5	181.73	5	373.49	18	7.53	19	6.18	5	144.25	13	19.78	19
1 Max	-509	84.32	1	29.36	5	169.39	5	316.01	18	5.10	19	6.67	5	144.25	13	19.88	19
1 Min.	-470	-140.13	5	-42.80	5	-161.88	5	137.04	29	-15.53	28	-5.60	14	74.94	9	-14.79	28
1 Min.	-471	-140.74	5	-48.86	5	-174.23	5	177.52	31	-13.03	28	-5.16	5	74.94	9	-14.68	28
1 Min.	-510	-84															

Relazione di Calcolo – Ponte Torrente Gogna

1 Min.	-728	-4.02	5	-840.00	5	-13.03	5	-81.50	18	-545.99	18	-65.94	18	-63.52	18	83.24	9
1 Max	-728	6.02	5	823.37	5	18.33	5	-39.21	5	-185.46	1	-22.32	5	-134.42	5	165.37	28
1 Max	-768	18.30	5	1063.36	5	16.00	5	12.72	28	-154.06	1	-13.47	5	-134.42	5	158.75	28
1 Max	-767	20.21	5	1063.53	5	14.21	5	21.49	33	-159.41	1	4.75	29	-134.38	5	158.75	28
1 Max	-727	3.99	5	823.54	5	16.54	5	-35.14	5	-191.46	1	-8.34	5	-134.38	5	165.37	28
1 Min.	-728	-6.02	5	-823.12	5	-18.32	5	-116.75	18	-622.99	18	-79.07	18	-373.04	18	-34.47	19
1 Min.	-768	-18.29	5	-1063.05	5	-15.99	5	3.28	15	-543.52	18	-55.90	18	-373.04	18	-44.76	19
1 Min.	-767	-20.21	5	-1063.22	5	-14.20	5	7.55	5	-545.06	18	-23.23	18	-372.80	18	-44.76	19
1 Min.	-727	-3.99	5	-823.29	5	-16.53	5	-103.70	18	-627.64	18	-46.40	18	-372.80	18	-34.47	19
1 Max	-383	594.06	5	27.48	5	10.78	5	14.59	29	-15.25	5	7.40	23	67.59	18	156.21	29
1 Max	-384	594.03	5	27.04	5	2.99	5	27.68	29	-16.06	5	6.43	23	67.59	18	156.13	29
1 Max	-424	371.45	5	4.78	5	3.23	5	59.93	29	6.73	29	2.73	24	67.59	18	156.13	29
1 Max	-423	371.48	5	5.29	5	11.03	5	46.73	29	7.82	29	3.36	23	67.59	18	156.21	29
1 Min.	-383	-594.20	5	-27.48	5	-10.81	5	-266.95	18	-58.70	28	-15.17	29	3.32	1	-32.73	18
1 Min.	-384	-594.17	5	-27.04	5	-3.02	5	-240.60	18	-60.02	28	0.20	19	3.32	1	-32.70	18
1 Min.	-424	-371.53	5	-4.77	5	-3.26	5	-249.83	18	-39.94	18	-4.02	18	3.35	1	-32.70	18
1 Min.	-423	-371.56	5	-5.28	5	-11.06	5	-276.18	18	-39.16	18	-18.32	29	3.35	1	-32.73	18
1 Max	-423	372.72	5	17.64	5	11.60	5	49.35	29	-17.51	5	2.00	23	90.68	18	232.03	29
1 Max	-424	372.69	5	17.18	5	3.62	5	52.38	29	-14.77	5	3.98	24	90.68	18	230.81	29
1 Max	-462	279.89	5	7.89	5	3.99	5	68.62	29	22.17	29	6.44	23	90.56	18	230.81	29
1 Max	-461	279.92	5	8.38	5	11.97	5	65.65	29	20.10	29	4.73	23	90.56	18	232.03	29
1 Min.	-423	-372.80	5	-17.64	5	-11.63	5	-276.68	18	-40.51	18	-19.02	29	12.23	1	-25.14	18
1 Min.	-424	-372.77	5	-17.18	5	-3.66	5	-248.88	18	-34.08	18	-3.24	18	12.23	1	-24.53	18
1 Min.	-462	-279.95	5	-7.89	5	-4.03	5	-251.68	18	-37.10	18	-1.32	19	12.19	1	-24.53	18
1 Min.	-461	-279.98	5	-8.38	5	-12.01	5	-279.44	18	-43.67	18	-17.95	29	12.19	1	-25.14	18
1 Max	-347	755.21	5	26.08	5	2.96	1	11.83	29	-10.94	5	6.64	23	18.92	19	101.91	29
1 Max	-348	755.24	5	26.17	5	8.34	5	0.00	29	-14.44	5	14.04	29	18.92	19	102.33	29
1 Max	-385	589.61	5	9.60	5	9.05	5	17.85	29	-16.35	5	13.38	29	18.51	19	102.33	29
1 Max	-384	589.59	5	9.57	5	3.25	5	29.85	29	-13.31	5	2.97	24	18.51	19	101.91	29
1 Min.	-347	-755.38	5	-26.08	5	-2.98	1	-235.57	18	-49.33	28	0.33	29	-46.71	28	-34.07	18
1 Min.	-348	-755.41	5	-26.17	5	-8.37	5	-227.17	18	-52.73	28	-1.24	5	-46.71	28	-33.55	18
1 Min.	-385	-589.74	5	-9.60	5	-9.08	5	-231.98	18	-34.52	23	-6.38	18	-47.38	28	-33.55	18
1 Min.	-384	-589.72	5	-9.56	5	-3.28	5	-240.18	18	-30.19	28	-3.01	18	-47.38	28	-34.07	18
1 Max	-384	591.33	5	26.92	5	3.40	5	27.29	29	-16.12	5	3.00	24	39.84	19	155.54	29
1 Max	-385	591.39	5	27.40	5	11.04	5	14.88	29	-15.35	5	14.84	29	39.84	19	155.52	29
1 Max	-425	369.49	5	5.21	5	11.08	5	46.89	29	7.97	29	18.28	29	39.69	19	155.52	29
1 Max	-424	369.43	5	4.79	5	3.45	5	59.27	29	6.62	29	6.21	23	39.69	19	155.54	29
1 Min.	-384	-591.46	5	-26.92	5	-3.43	5	-241.53	18	-60.04	28	-2.60	18	-33.53	28	-25.88	18
1 Min.	-385	-591.52	5	-27.41	5	-11.07	5	-230.47	18	-58.33	28	-6.77	18	-33.53	28	-25.79	18
1 Min.	-425	-369.57	5	-5.21	5	-11.11	5	-237.86	18	-36.59	18	-5.07	18	-33.44	28	-25.79	18
1 Min.	-424	-369.51	5	-4.79	5	-3.48	5	-248.87	18	-38.99	18	-1.25	19	-33.44	28	-25.88	18
1 Max	-424	370.67	5	17.12	5	2.97	5	51.84	29	-14.78	5	6.23	23	32.78	19	235.29	29
1 Max	-425	370.69	5	17.24	5	12.38	5	49.37	29	-17.86	5	19.74	29	32.78	19	235.59	29
1 Max	-463	277.11	5	7.88	5	12.96	5	66.66	29	19.70	29	18.44	29	32.90	19	235.59	29
1 Max	-462	277.08	5	7.78	5	3.52	5	69.01	29	22.20	29	4.16	24	32.90	19	235.29	29
1 Min.	-424	-370.75	5	-17.12	5	-3.01	5	-249.58	18	-34.34	18	-1.18	19	-31.21	1	-24.18	18
1 Min.	-425	-370.77	5	-17.24	5	-12.42	5	-236.76	18	-37.33	18	-5.01	18	-31.21	1	-24.70	18
1 Min.	-463	-277.16	5	-7.87	5	-13.00	5	-239.80	18	-40.10	18	-7.47	18	-31.16	1	-24.70	18
1 Min.	-462	-277.14	5	-7.78	5	-3.56	5	-252.66	18	-37.01	18	-3.41	18	-31.16	1	-24.18	18
1 Max	-309	856.22	5	21.55	5	2.96	1	2.27	29	-6.93	19	5.84	23	18.25	19	81.63	29
1 Max	-310	856.31	5	22.26	5	6.18	5	-9.29	29	-10.32	19	16.89	28	18.25	19	80.88	29
1 Max	-348	753.82	5	12.01	5	6.98	5	2.05	29	-12.89	5	15.29	28	18.38	19	80.88	29
1 Max	-347	753.73	5	11.32	5	3.54	1	13.56	29	-9.68	5	4.16	24	18.38	19	81.63	29
1 Min.	-309	-856.42	5	-21.55	5	-2.97	1	-236.29	18	-34.45	28	0.09	5	-49.14	28	-23.55	18
1 Min.	-310	-856.51	5	-22.26	5	-6.19	5	-228.72	18	-38.57	28	2.81	5	-49.14	28	-24.62	18
1 Min.	-348	-753.99	5	-12.01	5	-7.01	5	-227.43	18	-33.91	28	1.16	5	-48.91	28	-24.62	18
1 Min.	-347	-753.90	5	-11.32	5	-3.56	1	-235.08	18	-29.53	28	-1.54	5	-48.91	28	-23.55	18
1 Max	-270	1101.46	5	20.43	5	1.51	1	-14.27	29	-1.58	19	3.45	24	32.13	19	40.51	29
1 Max	-271	1101.47	5	20.31	5	2.88	5	-24.44	29	-0.23	19	8.95	28	32.13	19	40.63	29
1 Max	-310	853.64	5	4.73	5	3.86	5	-6.56	29	-5.12	5	14.58	28	31.61	19	40.63	29
1 Max	-309	853.63	5	4.56	5	1.93	1	3.80	29	-6.38	5	6.60	23	31.61	19	40.51	29
1 Min.	-270	-1101.71	5	-20.43	5	-1.52	1	-237.59	18	-15.10	28	-2.70	28	-25.50	28	-17.50	18
1 Min.	-271	-1101.72	5	-20.32	5	-2.88	5	-229.35	18	-12.10	28	-0.71	5	-25.50	28	-17.34	18
1 Min.	-310	-853.84	5	-4.72	5	-3.87	5	-228.22	18	-12.61	28	2.09	5	-26.14	28	-17.34	18
1 Min.	-309	-853.83	5	-4.56	5	-1.94	1	-236.26	18	-15.68	28	0.69	5	-26.14	28	-17.50	18
1 Max	-462	277.91	5	16.01	5	4.04	5	67.50	29	-3.13	29	4.29	24	43.70	19	103.84	29
1 Max	-463	278.00	5	16.78	5	12.86	5	63.23	29	-4.40	29	16.87	29	43.70	19	103.87	29
1 Max	-501	178.69	1	1.73	5	13.95	5	88.02	29	19.75	29	15.93	29	43.52	19	103.87	29
1 Max	-500	178.60	1	2.36	5	5.09	5	92.66	29	21.01	29	3.44	23	43.52	19	103.84	29
1 Min.	-462	-277.96	5	-16.01	5	-4.08	5	-252.99	18	-36.08	18	-2.95	18	-22.42	1	-25.40	18
1 Min.	-463	-278.05	5	-16.78	5	-12.91	5	-238.85	18	-34.87	18	-7.96	18	-22.42	1	-25.27	18
1 Min.	-501	-178.70	1	-1.73	5	-13.99	5	-246.24	18	-39.46	18	-8.15	18	-22.58	1	-25.27	18
1 Min.	-500	-178.60	1	-2.36	5	-5.13	5	-260.32	18	-40.73	18	-3.38	19	-22.58	1	-25.40	18
1 Max	-539	212.72	1	27.65	5	24.68	5	115.13	29	32.54	29	-0.48	5	91.31	18	155.76	28
1 Max	-540	212.02	1	2.23	5	6.17	5	120.62	29	35.29	29	1.65	24	108.63	18	158.42	28
1 Max	-578	276.85	5	3.86	5	3.04	19	136.70	29	54.91	29	2.58	24	107.86	18	154.69	28
1 Max	-577	279.73	5	32.92	5	4.34	5	132.50	29	51.91	29	-1.09	5	84.76	18	151.14	28
1 Min.	-539	-212.68	1	-27.64	5	-24.72	5	-295.18	18	-49.04	18	-23.63	28	7.73	1	-19.15	19
1 Min.	-540	-211.98	1	-2.23	5	-6.22	5	-261.61	18	-44.39	18	-4.31	18	13.01	1	-24.79	19
1 Min.	-578	-276.79	5	-3.86	5	-2.12	5	-260.06	18	-49.28	18	-1.94	18	12.77	1	-13.49	19
1 Min.	-577	-279.67	5	-32.92	5	-4.38	5	-285.04	18	-51.19	18	-16.28					

Relazione di Calcolo – Ponte Torrente Gogna

1	Max	-578	279.40	5	12.41	5	2.95	19	133.21	29	49.21	29	3.89	23	43.83	19	169.54	28
1	Max	-579	278.51	5	3.42	5	9.65	5	137.86	29	42.87	29	13.62	28	43.83	19	169.45	28
1	Max	-617	368.31	5	12.40	5	9.52	5	149.43	29	70.30	29	7.74	28	43.82	19	169.45	28
1	Max	-616	369.20	5	21.43	5	2.82	19	144.62	29	76.64	29	0.05	24	43.82	19	169.54	28
1	Min.	-578	-279.34	5	-12.41	5	-2.21	1	-261.68	18	-45.62	18	-0.11	19	-29.35	1	-24.42	19
1	Min.	-579	-278.45	5	-3.42	5	-9.68	5	-248.74	18	-48.16	18	-1.74	19	-29.35	1	-24.39	19
1	Min.	-617	-368.23	5	-12.40	5	-9.56	5	-249.70	18	-51.81	18	-3.92	19	-29.29	1	-24.39	19
1	Min.	-616	-369.12	5	-21.43	5	-2.60	1	-262.65	18	-49.25	18	-2.77	28	-29.29	1	-24.42	19
1	Max	-286	1167.61	5	37.59	5	224.64	5	225.91	18	1.69	5	13.94	5	-116.82	5	4.26	5
1	Max	-287	1186.43	5	225.53	5	20.99	5	118.40	18	-0.58	5	20.07	18	-116.82	5	3.88	5
1	Max	-326	185.38	5	89.48	5	313.05	5	133.62	18	-15.58	5	20.53	5	-117.69	5	3.88	5
1	Max	-325	204.12	5	98.75	5	68.75	5	240.54	18	-13.02	9	16.94	5	-117.69	5	4.26	5
1	Min.	-286	-1167.75	5	-37.59	5	-224.61	5	116.01	9	-2.86	5	-7.38	5	-272.25	18	-22.68	5
1	Min.	-287	-1186.57	5	-225.55	5	-20.99	5	52.93	5	-13.87	5	4.16	5	-272.25	18	-22.59	5
1	Min.	-326	-185.36	5	-89.49	5	-313.09	5	67.10	9	-36.50	18	0.22	5	-273.06	18	-22.59	5
1	Min.	-325	-204.10	5	-98.74	5	-68.76	5	123.01	9	-26.11	18	-11.36	5	-273.06	18	-22.68	5
1	Max	-655	555.92	5	6.67	5	3.29	1	151.10	29	29.59	29	4.12	33	53.47	19	40.97	28
1	Max	-656	555.95	5	6.90	5	9.34	5	150.09	29	25.67	29	5.58	33	53.47	19	40.76	28
1	Max	-694	754.83	5	26.79	5	9.45	5	151.78	29	38.08	29	1.34	33	54.35	19	40.76	28
1	Max	-693	754.80	5	26.61	5	3.58	1	151.92	29	42.06	29	0.81	19	54.35	19	40.97	28
1	Min.	-655	-555.79	5	-6.68	5	-3.32	1	-261.85	18	-43.80	18	0.56	5	-29.45	1	-15.31	19
1	Min.	-656	-555.82	5	-6.90	5	-9.37	5	-248.53	18	-44.27	18	0.25	5	-29.45	1	-15.45	19
1	Min.	-694	-754.65	5	-26.78	5	-9.47	5	-249.66	18	-44.66	18	-3.30	29	-28.66	1	-15.45	19
1	Min.	-693	-754.62	5	-26.61	5	-3.60	1	-263.30	18	-44.11	18	-3.89	28	-28.66	1	-15.31	19
1	Max	-693	753.23	5	10.86	5	4.12	1	152.65	29	55.69	29	3.56	18	48.34	19	5.61	5
1	Max	-694	753.28	5	11.26	5	7.25	5	153.81	29	52.13	29	-1.19	5	48.34	19	6.49	5
1	Max	-732	857.11	5	21.64	5	6.31	5	140.39	29	11.18	29	-3.02	5	47.73	19	6.49	5
1	Max	-731	857.05	5	21.27	5	3.41	1	139.54	29	14.58	29	1.02	19	47.73	19	5.61	5
1	Min.	-693	-753.05	5	-10.87	5	-4.14	1	-262.07	18	-32.63	18	0.29	5	-32.90	1	-230.00	29
1	Min.	-694	-753.10	5	-11.26	5	-7.28	5	-248.82	18	-35.39	18	-8.92	28	-32.90	1	-229.27	29
1	Min.	-732	-856.91	5	-21.64	5	-6.33	5	-255.35	18	-31.35	18	-12.53	28	-33.32	1	-229.27	29
1	Min.	-731	-856.86	5	-21.27	5	-3.43	1	-268.41	18	-28.91	18	-2.17	23	-33.32	1	-230.00	29
1	Max	-731	854.45	5	4.93	5	2.09	1	148.39	29	24.16	29	0.55	19	62.63	19	10.77	5
1	Max	-732	854.49	5	4.88	5	4.32	5	133.91	29	25.25	29	-1.93	5	62.63	19	10.74	5
1	Max	-772	1105.46	5	20.51	5	3.64	5	116.16	29	-0.12	5	1.58	5	63.19	19	10.74	5
1	Max	-771	1105.42	5	20.37	5	1.87	1	130.50	29	-1.63	5	3.77	23	63.19	19	10.77	5
1	Min.	-731	-854.25	5	-4.93	5	-2.10	1	-267.17	18	-18.92	18	-3.35	28	-50.79	28	-90.84	29
1	Min.	-732	-854.28	5	-4.88	5	-4.33	5	-253.98	18	-15.32	18	-10.59	28	-50.79	28	-90.87	29
1	Min.	-772	-1105.20	5	-20.50	5	-3.65	5	-265.16	18	-7.24	18	-5.13	29	-50.07	28	-90.87	29
1	Min.	-771	-1105.17	5	-20.37	5	-1.88	1	-278.54	18	-10.82	18	0.48	5	-50.07	28	-90.84	29
1	Max	-272	1074.06	5	19.74	5	7.35	5	-82.80	29	-1.52	19	27.84	28	-61.85	19	10.04	29
1	Max	-273	1074.20	5	20.89	5	9.43	5	-157.76	9	-8.57	5	53.14	28	-61.85	19	10.60	29
1	Max	-312	831.02	5	3.75	5	12.12	5	-142.71	29	-22.32	5	55.38	28	-62.55	19	10.60	29
1	Max	-311	830.88	5	4.91	5	10.04	5	-62.05	29	-16.61	5	30.07	28	-62.55	19	10.04	29
1	Min.	-272	-1074.28	5	-19.74	5	-7.36	5	-250.93	18	-9.79	28	6.44	5	-214.46	28	-13.07	18
1	Min.	-273	-1074.42	5	-20.89	5	-9.43	5	-298.16	13	-17.75	28	19.13	5	-214.46	28	-13.05	18
1	Min.	-312	-831.19	5	-3.75	5	-12.13	5	-277.19	13	-43.04	13	17.10	5	-216.35	28	-13.05	18
1	Min.	-311	-831.05	5	-4.91	5	-10.05	5	-230.99	18	-34.11	28	4.37	5	-216.35	28	-13.07	18
1	Max	-273	1047.97	5	18.57	5	12.71	5	-141.22	9	10.35	13	48.15	28	-45.89	19	-113.20	9
1	Max	-274	1048.32	5	21.75	5	13.75	5	-184.03	9	11.38	28	22.99	28	-45.89	19	-112.99	9
1	Max	-313	810.64	5	2.33	5	14.12	5	-204.44	9	-36.68	5	35.30	28	-47.68	19	-112.99	9
1	Max	-312	810.29	5	5.51	5	13.09	5	-162.47	9	-37.03	5	60.46	28	-47.68	19	-113.20	9
1	Min.	-273	-1048.17	5	-18.57	5	-12.72	5	-269.46	13	4.31	5	15.79	5	-195.55	28	-215.11	28
1	Min.	-274	-1048.52	5	-21.75	5	-13.75	5	-334.06	13	4.45	5	-0.39	5	-195.55	28	-214.36	28
1	Min.	-313	-810.80	5	-2.32	5	-14.13	5	-371.22	13	-68.74	13	4.57	19	-199.29	28	-214.36	28
1	Min.	-312	-810.45	5	-5.50	5	-13.09	5	-305.37	13	-70.31	28	20.42	5	-199.29	28	-215.11	28
1	Max	-312	23.61	5	833.73	5	20.44	5	-43.78	5	-149.55	9	-16.93	5	-36.58	19	-127.48	19
1	Max	-350	13.58	5	733.34	5	26.96	5	-40.32	5	-140.91	29	-5.83	19	-36.58	19	-127.40	19
1	Max	-349	11.02	5	733.05	5	22.72	5	-13.19	5	-47.66	29	8.90	18	-36.33	19	-127.40	19
1	Max	-311	21.03	5	833.44	5	16.21	5	-16.20	5	-57.57	29	-4.60	5	-36.33	19	-127.48	19
1	Min.	-312	-23.62	5	-833.90	5	-20.43	5	-83.55	28	-285.46	13	-55.02	28	-89.05	28	-317.30	28
1	Min.	-350	-13.58	5	-733.49	5	-26.94	5	-76.40	13	-275.12	13	-41.76	28	-89.05	28	-317.38	28
1	Min.	-349	-11.02	5	-733.20	5	-22.70	5	-33.01	28	-216.99	18	-20.31	29	-85.66	28	-317.38	28
1	Min.	-311	-21.03	5	-833.61	5	-16.19	5	-40.05	28	-226.57	18	-30.56	28	-85.66	28	-317.30	28
1	Max	-311	22.23	5	848.49	5	12.35	5	-14.81	5	-60.58	29	0.72	5	38.09	18	-19.47	19
1	Max	-349	12.00	5	746.13	5	17.53	5	-16.51	5	-55.53	29	1.62	5	38.09	18	-19.64	19
1	Max	-348	11.55	5	746.05	5	12.88	5	-12.90	5	-3.11	29	-1.56	5	42.23	18	-19.64	19
1	Max	-310	21.77	5	848.41	5	7.70	5	-9.99	19	-8.32	29	-2.47	5	42.23	18	-19.47	19
1	Min.	-311	-22.24	5	-848.67	5	-12.33	5	-39.24	28	-239.76	18	-22.88	28	-47.44	29	-129.38	28
1	Min.	-349	-12.00	5	-746.29	5	-17.51	5	-36.07	28	-242.70	18	-25.68	29	-47.44	29	-129.78	28
1	Min.	-348	-11.55	5	-746.21	5	-12.86	5	-35.44	28	-225.30	18	-17.24	28	-42.09	29	-129.78	28
1	Min.	-310	-21.77	5	-848.60	5	-7.69	5	-37.22	28	-222.47	18	-15.08	28	-42.09	29	-129.38	28
1	Max	-350	27.37	5	734.71	5	30.28	5	-41.72	5	-140.45	9	8.90	18	24.75	13	-93.61	19
1	Max	-387	11.09	5	571.86	5	35.04	5	-36.15	5	-148.34	31	28.27	18	24.75	13	-94.25	19
1	Max	-386	9.78	5	571.70	5	28.71	5	-18.57	5	-56.67	29	10.09	18	27.58	13	-94.25	19
1	Max	-349	26.03	5	734.55	5	23.96	5	-23.01	5	-49.65	29	-5.96	5	27.58	13	-93.61	19
1	Min.	-350	-27.38	5	-734.86	5	-30.26	5	-81.53	28	-270.77	13	-24.18	29	-15.25	29	-273.35	28
1	Min.	-387	-11.09	5	-571.97	5	-35.01	5	-70.92	13	-287.12	13	-19.96	29	-15.25	29	-274.92	

Relazione di Calcolo – Ponte Torrente Gogna

1 Max	-426	5.83	5	363.67	5	26.50	5	-7.05	29	-30.89	29	17.85	18	21.03	18	-16.83	19
1 Max	-425	4.91	5	363.55	5	19.28	5	1.71	29	42.55	29	10.60	18	21.40	18	-16.83	19
1 Max	-385	27.03	5	585.33	5	17.42	5	-15.95	5	20.83	29	1.22	18	21.40	18	-16.64	19
1 Min.	-386	-28.02	5	-585.58	5	-24.61	5	-64.38	28	-237.28	18	-31.84	29	-113.56	29	-184.37	28
1 Min.	-426	-5.83	5	-363.74	5	-26.46	5	-44.77	18	-246.28	18	-30.35	29	-113.56	29	-185.62	28
1 Min.	-425	-4.91	5	-363.62	5	-19.24	5	-34.35	18	-236.16	18	-15.83	29	-113.39	29	-185.62	28
1 Min.	-385	-27.04	5	-585.45	5	-17.39	5	-52.63	28	-227.28	18	-17.32	29	-113.39	29	-184.37	28
1 Max	-428	22.42	5	344.18	5	64.49	5	-25.36	9	-201.34	9	5.13	19	375.95	28	-137.65	20
1 Max	36	13.58	5	255.78	5	68.44	5	-59.78	9	-205.44	9	13.45	19	375.95	28	-138.19	20
1 Max	-465	10.36	5	255.43	5	61.18	5	-38.88	9	-141.76	9	11.33	18	372.32	28	-138.19	20
1 Max	-427	19.21	5	343.83	5	57.24	5	3.92	29	-137.67	9	1.38	18	372.32	28	-137.65	20
1 Min.	-428	-22.42	5	-344.25	5	-64.46	5	-48.34	28	-379.68	28	-37.77	28	154.81	5	-441.88	28
1 Min.	36	-13.58	5	-255.83	5	-68.40	5	-124.11	28	-393.05	28	-26.20	28	154.81	5	-443.19	28
1 Min.	-465	-10.36	5	-255.47	5	-61.14	5	-78.45	28	-275.84	13	-39.07	29	151.65	5	-443.19	28
1 Min.	-427	-19.22	5	-343.90	5	-57.20	5	-13.81	18	-268.68	13	-49.01	29	151.65	5	-441.88	28
1 Max	-427	20.21	5	356.90	5	47.60	5	-25.04	9	-146.75	9	5.04	18	-34.86	19	-57.78	19
1 Max	-465	11.00	5	264.82	5	51.90	5	-19.93	9	-141.39	9	7.70	18	-34.86	19	-57.63	19
1 Max	-464	8.76	5	264.57	5	41.04	5	1.55	29	-29.34	29	19.97	18	-36.34	19	-57.63	19
1 Max	-426	17.95	5	356.65	5	36.75	5	-10.60	29	-38.36	29	17.31	18	-36.34	19	-57.78	19
1 Min.	-427	-20.22	5	-356.97	5	-47.56	5	-49.31	28	-283.60	13	-47.10	29	-109.23	28	-315.00	28
1 Min.	-465	-11.00	5	-264.87	5	-51.86	5	-38.96	13	-276.09	13	-40.95	29	-109.23	28	-314.98	28
1 Min.	-464	-8.76	5	-264.62	5	-41.00	5	-27.73	18	-242.25	18	-25.74	29	-108.56	28	-314.98	28
1 Min.	-426	-17.95	5	-356.72	5	-36.71	5	-33.95	18	-249.08	18	-31.88	29	-108.56	28	-315.00	28
1 Max	-426	18.53	5	364.94	5	28.04	5	-14.69	5	-43.90	29	20.42	18	31.83	18	15.58	19
1 Max	-464	9.37	5	273.33	5	29.57	5	11.13	29	-35.84	29	16.78	18	31.83	18	15.49	19
1 Max	-463	7.76	5	273.14	5	22.12	5	16.23	29	60.71	29	4.40	18	33.96	18	15.49	19
1 Max	-425	16.90	5	364.75	5	20.59	5	-15.58	29	52.40	29	8.04	18	33.96	18	15.58	19
1 Min.	-426	-18.54	5	-365.01	5	-28.00	5	-32.46	28	-243.17	18	-27.97	29	-172.28	29	-209.54	28
1 Min.	-464	-9.37	5	-273.39	5	-29.53	5	-31.46	18	-249.66	18	-29.73	29	-172.28	29	-210.10	28
1 Min.	-463	-7.75	5	-273.20	5	-22.08	5	-39.80	18	-244.66	18	-19.98	29	-169.01	29	-210.10	28
1 Min.	-425	-16.90	5	-364.82	5	-20.55	5	-38.26	18	-238.21	18	-18.23	29	-169.01	29	-209.54	28
1 Max	-465	19.64	5	265.69	5	52.56	5	-22.11	9	-138.90	9	19.26	18	6.83	19	-28.31	19
1 Max	-503	1.74	5	157.86	1	51.92	5	-2.94	29	-144.15	9	18.60	18	6.83	19	-28.74	19
1 Max	-502	0.53	1	157.70	1	42.34	5	11.45	29	-35.75	29	7.84	18	7.78	19	-28.74	19
1 Max	-464	17.69	5	265.47	5	42.96	5	-12.55	29	-31.12	29	8.50	18	7.78	19	-28.31	19
1 Min.	-465	-19.64	5	-265.74	5	-52.52	5	-40.35	13	-271.71	13	-29.67	29	-47.90	28	-282.62	28
1 Min.	-503	-1.74	5	-157.86	1	-51.88	5	-29.12	18	-283.05	13	-27.20	29	-47.90	28	-284.32	28
1 Min.	-502	-0.53	1	-157.71	1	-42.30	5	-27.90	18	-257.59	18	-34.47	29	-45.59	28	-284.32	28
1 Min.	-464	-17.69	5	-265.52	5	-42.92	5	-36.94	18	-247.61	18	-36.95	29	-45.59	28	-282.62	28
1 Max	-464	18.35	5	274.23	5	31.48	5	-10.31	29	-40.38	29	10.64	18	4.49	19	16.32	19
1 Max	-502	0.73	1	168.56	1	32.21	5	10.00	29	-18.72	29	5.77	18	4.49	19	16.46	19
1 Max	-501	2.04	5	168.40	1	22.74	5	17.32	29	82.99	29	5.63	18	4.48	19	16.46	19
1 Max	-463	16.62	5	274.04	5	22.02	5	-2.68	29	61.22	29	10.50	18	4.48	19	16.32	19
1 Min.	-464	-18.36	5	-274.28	5	-31.44	5	-31.73	18	-248.03	18	-34.54	29	-91.96	28	-223.84	28
1 Min.	-502	-0.72	1	-168.57	1	-32.17	5	-32.21	18	-248.19	18	-36.78	29	-91.96	28	-224.08	28
1 Min.	-501	-2.04	5	-168.41	1	-22.70	5	-37.77	18	-246.29	18	-17.53	29	-91.23	28	-224.08	28
1 Min.	-463	-16.62	5	-274.09	5	-21.98	5	-37.29	18	-246.07	18	-15.29	29	-91.23	28	-223.84	28
1 Max	-546	161.00	5	10.66	5	127.49	5	6.02	19	-5.35	19	8.76	29	301.09	13	4.04	19
1 Max	-547	160.61	5	15.00	5	136.33	5	121.86	18	-2.56	19	1.18	5	301.09	13	2.36	19
1 Max	-584	234.38	5	7.63	5	135.83	5	120.44	18	-0.94	19	-2.94	5	301.36	13	2.36	19
1 Max	-583	234.77	5	3.32	5	126.99	5	4.93	19	-3.37	19	3.58	29	301.36	13	4.04	19
1 Min.	-546	-160.98	5	-10.66	5	-127.54	5	-105.16	28	-23.40	28	-16.88	18	152.19	9	-48.51	28
1 Min.	-547	-160.59	5	-15.00	5	-136.37	5	-5.55	29	-27.21	28	-19.49	18	152.19	9	-49.01	28
1 Min.	-584	-234.34	5	-7.63	5	-135.87	5	-11.11	29	-32.80	28	-25.71	13	152.29	9	-49.01	28
1 Min.	-583	-234.73	5	-3.32	5	-127.03	5	-111.18	28	-28.88	28	-23.07	18	152.29	9	-48.51	28
1 Max	-502	12.17	5	168.94	1	32.09	5	-15.37	9	-28.55	29	7.25	18	21.08	19	13.15	19
1 Max	-542	6.19	5	195.40	1	30.32	5	31.43	29	-11.59	29	7.79	19	21.08	19	13.16	19
1 Max	-541	6.08	5	195.27	1	23.34	5	47.58	29	106.03	29	4.67	19	21.10	19	13.16	19
1 Max	-501	12.16	5	168.82	1	25.12	5	0.56	29	88.60	29	4.17	18	21.10	19	13.15	19
1 Min.	-502	-12.18	5	-168.95	1	-32.05	5	-34.19	18	-246.86	18	-33.29	29	-135.64	28	-272.66	28
1 Min.	-542	-6.19	5	-195.37	1	-30.27	5	-40.35	18	-250.63	18	-30.61	28	-135.64	28	-273.69	28
1 Min.	-541	-6.08	5	-195.24	1	-23.30	5	-41.03	18	-251.28	18	-18.34	28	-135.86	28	-273.69	28
1 Min.	-501	-12.16	5	-168.83	1	-25.08	5	-34.84	18	-247.52	18	-21.06	29	-135.86	28	-272.66	28
1 Max	-544	4.27	5	173.51	1	76.67	5	-21.10	9	-198.53	9	9.48	19	498.36	28	-140.48	20
1 Max	40	5.42	5	260.18	5	74.84	5	-62.19	9	-206.76	9	20.51	18	515.69	28	-141.13	20
1 Max	-581	1.36	5	259.75	5	63.34	5	-40.67	9	-137.84	9	2.45	19	505.21	28	-121.87	20
1 Max	-543	8.47	5	173.27	1	67.82	5	26.44	29	-130.95	31	-1.76	19	487.56	28	-120.64	20
1 Min.	-544	-4.27	5	-173.48	1	-76.63	5	-42.43	28	-418.54	28	-27.93	28	203.42	9	-585.16	28
1 Min.	40	-5.42	5	-260.13	5	-74.80	5	-140.36	28	-440.75	28	-7.76	29	210.94	9	-586.65	28
1 Min.	-581	-1.36	5	-259.70	5	-63.30	5	-78.97	13	-280.58	13	-35.56	28	205.77	9	-548.23	28
1 Min.	-543	-8.47	5	-173.24	1	-67.77	5	-9.88	18	-266.80	13	-48.33	28	198.09	9	-545.57	28
1 Max	-543	8.99	5	181.94	1	66.12	5	-23.93	9	-139.58	9	-13.09	5	-17.71	20	-39.58	19
1 Max	-581	18.28	5	257.55	5	69.85	5	-12.75	29	-133.96	9	-10.35	5	-18.33	20	-39.36	19
1 Max	-580	32.63	5	260.54	5	58.81	5	30.60	29	-3.72	29	-1.44	5	-19.52	20	-40.89	19
1 Max	-542	22.78	5	182.83	1	52.44	5	15.68	29	-11.90	29	-4.12	5	-18.86	20	-41.07	19
1 Min.	-543	-8.98	5	-181.91	1	-66.08	5	-46.32	13	-280.02	13	-62.17	28	-75.63	28	-408.62	28
1 Min.	-581	-18.28	5	-257.50	5	-69.81	5	-43.08	13	-273.23	13	-49.50	28	-74.56	28	-408.50	28
1 Min.	-580	-32.62	5	-260.49	5	-58.77	5	-32.83	18	-252.81	18	-25.53	28	-75.42	28	-406.36	28
1 Min.	-542	-22.77	5	-182.80	1	-52.40	5	-35.28	18	-257.48	18	-36.93	28	-76.46	28	-406.55	28
1 Max	-542	8.88	5	195.79	1	29.45	5	25.08	29	-21.70	29	8.56	19	28.4			

Relazione di Calcolo – Ponte Torrente Gogna

1 Max	-658	20.71	5	524.96	5	55.68	5	0.98	29	-152.01	9	-5.86	5	58.93	13	1.66	19
1 Max	-619	2.70	5	345.27	5	60.10	5	-8.36	29	-145.14	9	12.38	19	58.93	13	1.53	19
1 Min.	-620	-0.89	1	-345.05	5	-68.42	5	-13.72	13	-404.90	28	0.05	29	-4.44	29	-328.08	28
1 Min.	-659	-18.81	5	-524.69	5	-64.00	5	-22.54	13	-420.36	28	-17.47	28	-4.44	29	-328.36	28
1 Min.	-658	-20.71	5	-524.85	5	-55.65	5	-49.27	18	-312.82	13	-33.58	28	-3.62	29	-328.36	28
1 Min.	-619	-2.70	5	-345.21	5	-60.07	5	-40.21	13	-294.01	13	-11.60	28	-3.62	29	-328.08	28
1 Max	-343	729.61	5	29.69	5	50.93	5	-263.74	1	-130.05	5	23.67	19	-1168.05	5	1165.20	33
1 Max	30	729.42	5	27.81	5	42.92	5	-289.29	1	-132.63	5	29.90	19	-1168.05	5	1173.17	33
1 Max	-380	571.19	5	12.08	5	44.51	5	-181.27	1	13.12	19	29.58	19	-474.26	5	1173.17	33
1 Max	-379	571.38	5	13.86	5	52.51	5	-170.85	1	14.91	19	23.35	19	-474.26	5	1165.20	33
1 Min.	-343	-729.83	5	-29.69	5	-50.95	5	-624.87	18	-260.23	33	-32.90	28	-2326.74	18	595.23	5
1 Min.	30	-729.64	5	-27.82	5	-42.94	5	-674.84	18	-265.14	33	-24.68	28	-2326.74	18	599.37	5
1 Min.	-380	-571.36	5	-12.08	5	-44.54	5	-475.05	18	3.72	25	-29.29	28	-1074.39	18	599.37	5
1 Min.	-379	-571.55	5	-13.86	5	-52.54	5	-452.00	18	5.27	25	-37.50	28	-1074.39	18	595.23	5
1 Max	-618	2.75	5	363.70	5	26.21	5	22.52	29	-11.42	29	-0.77	19	46.83	29	6.56	19
1 Max	-657	21.56	5	551.80	5	24.78	5	-4.41	29	-6.52	29	2.70	19	46.83	29	6.74	19
1 Max	-656	23.11	5	551.92	5	18.75	5	31.12	29	153.54	29	2.96	19	47.49	29	6.74	19
1 Max	-617	4.25	5	363.82	5	20.18	5	58.34	29	148.89	29	-0.51	19	47.49	29	6.56	19
1 Min.	-618	-2.75	5	-363.62	5	-26.17	5	-50.30	18	-252.05	18	-25.19	28	-13.75	23	-345.92	28
1 Min.	-657	-21.56	5	-551.67	5	-24.75	5	-57.66	18	-249.91	18	-9.71	28	-13.75	23	-345.44	28
1 Min.	-656	-23.10	5	-551.80	5	-18.72	5	-50.50	18	-248.44	18	-0.53	5	-14.28	23	-345.44	28
1 Min.	-617	-4.25	5	-363.74	5	-20.14	5	-43.42	18	-250.47	18	-13.55	28	-14.28	23	-345.92	28
1 Max	-658	6.02	5	539.18	5	40.37	5	-26.18	29	-145.82	9	-7.39	5	16.52	18	-76.48	19
1 Max	-696	25.37	5	732.68	5	36.72	5	-42.60	9	-135.46	9	4.49	19	16.52	18	-75.08	19
1 Max	-695	25.14	5	732.63	5	27.35	5	-6.67	29	10.99	29	19.30	28	14.14	19	-75.08	19
1 Max	-657	5.74	5	539.13	5	30.99	5	14.58	29	-7.45	29	1.98	19	14.14	19	-76.48	19
1 Min.	-658	-6.02	5	-539.07	5	-40.34	5	-67.56	13	-298.03	13	-34.79	28	-1.56	5	-463.27	28
1 Min.	-696	-25.37	5	-732.53	5	-36.70	5	-90.49	13	-281.55	13	-6.63	5	-1.56	5	-461.00	28
1 Min.	-695	-25.14	5	-732.48	5	-27.32	5	-61.04	18	-242.22	18	5.32	5	-2.99	5	-461.00	28
1 Min.	-657	-5.74	5	-539.02	5	-30.96	5	-40.60	18	-255.63	18	-10.97	28	-2.99	5	-463.27	28
1 Max	-657	6.62	5	550.30	5	20.41	5	0.83	29	-5.33	29	6.87	19	30.54	19	4.40	19
1 Max	-695	26.30	5	747.12	5	19.28	5	5.31	29	-8.84	29	9.70	28	30.54	19	4.47	19
1 Max	-694	26.39	5	747.09	5	15.92	5	34.42	29	149.20	29	5.01	29	30.13	19	4.47	19
1 Max	-656	6.66	5	550.27	5	17.05	5	29.33	29	152.69	29	-0.44	5	30.13	19	4.40	19
1 Min.	-657	-6.62	5	-550.18	5	-20.38	5	-48.56	18	-251.36	18	-2.96	5	-4.09	28	-336.07	28
1 Min.	-695	-26.30	5	-746.95	5	-19.25	5	-54.33	18	-259.03	18	0.69	5	-4.09	28	-336.14	28
1 Min.	-694	-26.38	5	-746.92	5	-15.89	5	-47.23	18	-252.90	18	-0.72	5	-5.62	28	-336.14	28
1 Min.	-656	-6.66	5	-550.15	5	-17.02	5	-41.69	18	-245.21	18	-6.41	33	-5.62	28	-336.07	28
1 Max	-734	832.41	5	21.65	5	22.75	5	-146.83	9	-43.66	9	-17.57	5	560.88	28	96.16	28
1 Max	-733	832.26	5	20.37	5	16.53	5	10.89	29	-0.71	29	-4.60	5	560.88	28	96.29	28
1 Max	-695	731.14	5	10.25	5	25.68	5	19.98	29	8.95	29	8.19	23	560.63	28	96.29	28
1 Max	-696	731.30	5	11.53	5	31.90	5	-139.54	9	-39.37	9	-6.08	5	560.63	28	96.16	28
1 Min.	-734	-832.24	5	-21.64	5	-22.77	5	-303.52	13	-90.71	13	-43.69	28	132.53	19	46.01	5
1 Min.	-733	-832.08	5	-20.37	5	-16.55	5	-245.56	18	-39.43	18	-22.22	28	132.53	19	46.05	5
1 Min.	-695	-730.99	5	-10.25	5	-25.70	5	-231.86	18	-33.11	18	-0.82	19	132.52	19	46.05	5
1 Min.	-696	-731.14	5	-11.53	5	-31.93	5	-289.10	13	-83.42	13	-21.68	18	132.52	19	46.01	5
1 Max	-733	848.46	5	21.70	5	12.67	5	-11.31	29	-13.12	29	0.84	5	342.25	28	137.08	29
1 Max	-732	848.37	5	21.13	5	8.75	5	148.05	29	17.47	29	-2.62	5	342.25	28	134.44	29
1 Max	-694	745.54	5	10.82	5	13.69	5	151.13	29	46.33	29	-1.66	5	342.73	28	134.44	29
1 Max	-695	745.63	5	11.42	5	17.61	5	-8.48	29	16.31	29	1.79	5	342.73	28	137.08	29
1 Min.	-733	-848.27	5	-21.70	5	-12.69	5	-259.58	18	-36.96	18	-12.46	28	-3.66	19	-19.06	5
1 Min.	-732	-848.18	5	-21.13	5	-8.76	5	-250.28	18	-31.17	18	-13.70	28	-3.66	19	-21.88	5
1 Min.	-694	-745.37	5	-10.82	5	-13.71	5	-249.94	18	-35.17	18	-7.84	28	-3.56	19	-21.88	5
1 Min.	-695	-745.46	5	-11.42	5	-17.64	5	-259.32	18	-39.73	18	-7.30	29	-3.56	19	-19.06	5
1 Max	-734	4.08	5	829.88	5	13.43	5	-22.06	9	-141.51	9	44.09	28	12.88	34	-58.42	19
1 Max	-774	20.91	5	1076.17	5	11.60	5	-9.30	9	-156.52	9	46.53	18	12.88	34	-57.07	19
1 Max	-773	19.34	5	1075.98	5	8.10	5	1.14	29	-15.84	29	22.49	28	12.84	34	-57.07	19
1 Max	-733	5.67	5	829.68	5	9.93	5	-12.49	29	2.73	29	21.60	28	12.84	34	-58.42	19
1 Min.	-734	-4.08	5	-829.70	5	-13.43	5	-46.73	13	-293.65	13	17.88	5	-2.12	5	-392.44	28
1 Min.	-774	-20.91	5	-1075.95	5	-11.59	5	-19.64	13	-323.93	13	20.14	5	-2.12	5	-390.80	28
1 Min.	-773	-19.34	5	-1075.75	5	-8.09	5	-9.01	18	-280.09	18	6.44	5	-2.03	5	-390.80	28
1 Min.	-733	-5.67	5	-829.51	5	-9.92	5	-35.39	13	-250.09	18	4.21	5	-2.03	5	-392.44	28
1 Max	-733	4.39	5	845.88	5	6.07	5	2.99	29	1.35	29	20.23	28	55.97	29	-2.36	19
1 Max	-773	20.94	5	1095.79	5	5.38	5	-7.06	5	-11.86	29	23.84	28	55.97	29	-2.08	19
1 Max	-772	19.84	5	1095.65	5	6.08	5	1.49	28	123.55	29	9.54	28	56.11	29	-2.08	19
1 Max	-732	5.46	5	845.74	5	6.77	5	18.54	29	137.12	29	6.49	29	56.11	29	-2.36	19
1 Min.	-733	-4.40	5	-845.70	5	-6.06	5	-27.29	13	-257.36	18	3.49	5	-6.41	5	-278.40	28
1 Min.	-773	-20.94	5	-1095.55	5	-5.37	5	-17.66	28	-270.10	18	7.13	5	-6.41	5	-277.71	28
1 Min.	-772	-19.84	5	-1095.41	5	-6.07	5	-5.62	19	-262.92	18	2.02	5	-6.34	5	-277.71	28
1 Min.	-732	-5.47	5	-845.55	5	-6.76	5	-16.39	18	-250.01	18	-1.74	33	-6.34	5	-278.40	28
1 Max	-736	743.95	5	6.37	5	26.34	5	-104.10	9	-25.05	9	30.13	28	444.19	13	31.69	28
1 Max	-737	744.37	5	2.53	5	28.41	5	12.05	19	-19.49	9	10.90	29	444.19	13	31.18	28
1 Max	-777	969.29	5	20.27	5	25.15	5	-3.60	19	-1.22	5	6.58	29	444.30	13	31.18	28
1 Max	-776	968.88	5	16.41	5	23.08	5	-115.04	9	-6.80	5	24.78	28	444.30	13	31.69	28
1 Min.	-736	-743.82	5	-6.37	5	-26.35	5	-263.35	28	-58.79	28	3.86	19	216.48	9	7.15	19
1 Min.	-737	-744.23	5	-2.54	5	-28.42	5	-109.49	28	-48.01	28	-11.13	18	216.48	9	6.36	19
1 Min.	-777	-969.12	5	-20.26	5	-25.16	5	-135.47	28	-5.32	28	-18.23	18	216.28	9	6.36	19
1 Min.	-776	-968.71	5	-16.41	5	-23.09	5	-288.84	28	-16.01	13	-2.21	19	216.28	9	7.15	19
1 Max	-737	705.06	5	6.16	5	32.20	5	8.23	19	-13.98	9	7.00	29	387.53	13	5.36	33
1 Max	-738	705.48	5	2.33	5	34.81	5	144.51	18	-3.05	19	-3.41	29	387.53	13	4.73	33
1 Max	-778	919.13	5	19.32	5	29.76	5	132.8									

Relazione di Calcolo – Ponte Torrente Gogna

1 Max	-780	696.09	5	9.33	5	46.70	5	342.72	18	5.61	18	-7.00	5	150.07	13	22.89	33
1 Min.	-740	-540.44	5	-6.52	5	-52.54	5	131.43	29	-6.08	28	-18.95	18	70.55	9	6.09	14
1 Min.	-741	-541.35	5	-2.57	5	-53.43	5	185.70	31	-4.52	28	-13.23	18	70.55	9	5.53	14
1 Min.	-781	-696.89	5	-18.11	5	-47.60	5	187.23	31	1.21	29	-18.72	18	70.83	9	5.53	14
1 Min.	-780	-695.98	5	-9.33	5	-46.71	5	132.23	29	0.19	29	-24.44	18	70.83	9	6.09	14
1 Max	-697	655.47	5	8.51	5	65.16	5	-104.96	9	-47.10	9	10.02	29	623.30	13	-23.60	5
1 Max	-698	655.67	5	10.31	5	71.20	5	29.21	19	-13.90	19	-8.87	5	623.30	13	-25.75	5
1 Max	-737	746.53	5	19.39	5	49.23	5	19.67	19	-16.13	5	8.84	29	623.84	13	-25.75	5
1 Max	-736	746.33	5	17.62	5	43.20	5	-111.69	9	-46.50	9	32.91	28	623.84	13	-23.60	5
1 Min.	-697	-655.35	5	-8.51	5	-65.19	5	-264.69	28	-110.80	28	-10.42	18	306.28	9	-67.45	13
1 Min.	-698	-655.55	5	-10.31	5	-71.23	5	-80.21	28	-42.24	28	-32.32	18	306.28	9	-71.88	13
1 Min.	-737	-746.39	5	-19.39	5	-49.25	5	-96.33	28	-41.60	28	-12.94	18	306.50	9	-71.88	13
1 Min.	-736	-746.19	5	-17.62	5	-43.21	5	-280.95	28	-109.58	28	5.28	19	306.50	9	-67.45	13
1 Max	-698	622.08	5	7.18	5	78.20	5	3.55	19	-16.67	19	-1.01	29	412.35	13	27.20	33
1 Max	-699	622.41	5	10.35	5	84.16	5	144.39	18	-3.31	19	3.35	29	412.35	13	31.00	28
1 Max	-738	707.56	5	18.86	5	58.99	5	147.22	18	-5.29	19	3.96	29	412.28	13	31.00	28
1 Max	-737	707.23	5	15.71	5	53.03	5	5.42	19	-17.00	5	-0.40	29	412.28	13	27.20	33
1 Min.	-698	-621.97	5	-7.18	5	-78.22	5	-121.93	28	-46.48	28	-23.36	18	201.09	9	-1.20	14
1 Min.	-699	-622.30	5	-10.35	5	-84.18	5	-3.91	29	-30.13	28	-18.76	18	201.09	9	-0.77	14
1 Min.	-738	-707.44	5	-18.86	5	-59.01	5	-1.28	29	-26.51	28	-17.20	18	200.99	9	-0.77	14
1 Min.	-737	-707.10	5	-15.71	5	-53.04	5	-118.17	28	-43.72	28	-21.80	18	200.99	9	-1.20	14
1 Max	-699	582.77	5	6.63	5	92.71	5	135.40	18	-4.51	19	2.94	29	323.00	13	10.17	33
1 Max	-700	583.09	5	9.52	5	99.97	5	256.29	18	6.34	19	-4.34	5	323.00	13	7.65	33
1 Max	-739	662.18	5	17.42	5	69.13	5	254.15	18	4.51	19	-3.32	29	323.45	13	7.65	33
1 Max	-738	661.86	5	14.54	5	61.88	5	133.07	18	-5.67	19	4.27	29	323.45	13	10.17	33
1 Min.	-699	-582.67	5	-6.63	5	-92.73	5	-7.33	29	-31.52	28	-18.60	18	157.58	9	-15.99	14
1 Min.	-700	-582.99	5	-9.52	5	-99.99	5	75.45	29	-16.55	28	-22.54	18	157.58	9	-18.93	14
1 Min.	-739	-662.07	5	-17.42	5	-69.15	5	70.99	29	-12.72	28	-21.39	18	157.75	9	-18.93	14
1 Min.	-738	-661.75	5	-14.54	5	-61.90	5	-11.85	29	-27.25	28	-17.45	18	157.75	9	-15.99	14
1 Max	-700	538.67	5	5.31	5	107.26	5	246.73	18	5.32	19	-3.54	29	235.11	13	33.29	33
1 Max	-701	539.18	5	10.14	5	115.01	5	337.99	18	10.78	19	-2.36	5	235.11	13	32.19	33
1 Max	-740	609.42	5	17.16	5	81.24	5	340.96	18	9.62	19	-3.20	5	235.36	13	32.19	33
1 Max	-739	608.91	5	12.33	5	73.50	5	249.59	18	4.56	19	-4.40	29	235.36	13	33.29	33
1 Min.	-700	-538.58	5	-5.31	5	-107.28	5	68.98	29	-17.78	28	-21.40	18	113.82	9	3.45	14
1 Min.	-701	-539.09	5	-10.15	5	-115.03	5	133.22	29	-11.46	28	-16.97	18	113.82	9	1.76	14
1 Min.	-740	-609.32	5	-17.16	5	-81.26	5	133.82	29	-6.43	28	-18.08	18	113.89	9	1.76	14
1 Min.	-739	-608.82	5	-12.34	5	-73.51	5	69.59	29	-12.72	28	-22.50	18	113.89	9	3.45	14
1 Max	-701	482.06	5	4.74	5	126.89	5	334.63	18	10.15	19	-2.43	5	155.90	13	32.00	33
1 Max	-702	482.76	5	11.42	5	132.95	5	408.30	18	14.14	19	-2.06	5	155.90	13	29.73	33
1 Max	-741	542.92	5	17.43	5	91.19	5	410.57	18	13.15	19	-2.76	5	156.07	13	29.73	33
1 Max	-740	542.22	5	10.74	5	85.13	5	336.82	18	9.75	19	-3.15	5	156.07	13	32.00	33
1 Min.	-701	-481.98	5	-4.74	5	-126.91	5	131.93	29	-12.16	28	-17.03	18	73.91	9	2.99	14
1 Min.	-702	-482.68	5	-11.42	5	-132.98	5	185.90	31	-6.42	28	-13.11	18	73.91	9	0.35	14
1 Min.	-741	-542.83	5	-17.43	5	-91.21	5	185.82	31	-1.03	28	-14.12	18	73.97	9	0.35	14
1 Min.	-740	-542.13	5	-10.74	5	-85.15	5	131.35	29	-6.35	28	-18.03	18	73.97	9	2.99	14
1 Max	-664	1.25	5	407.53	5	140.76	5	13.05	19	333.37	18	16.74	18	4.21	29	232.83	13
1 Max	-701	14.43	5	539.61	5	129.12	5	12.78	19	337.36	18	17.74	18	4.21	29	233.56	13
1 Max	-700	12.24	5	539.37	5	118.46	5	6.64	19	247.78	18	20.57	18	4.17	29	233.56	13
1 Max	-663	1.19	5	407.30	5	130.09	5	6.74	19	244.09	18	19.58	18	4.17	29	232.83	13
1 Min.	-664	-1.25	5	-407.47	5	-140.72	5	-17.60	28	134.38	29	1.69	5	-16.57	18	113.50	9
1 Min.	-701	-14.43	5	-539.52	5	-129.10	5	-13.32	28	132.41	29	2.91	5	-16.57	18	113.72	9
1 Min.	-700	-12.24	5	-539.28	5	-118.43	5	-20.84	28	69.22	29	2.33	29	-17.04	18	113.72	9
1 Min.	-663	-1.20	5	-407.23	5	-130.06	5	-25.17	28	71.24	29	1.82	5	-17.04	18	113.50	9
1 Max	-663	1.78	5	436.69	5	120.38	5	8.46	19	248.86	18	21.81	18	4.23	29	316.24	13
1 Max	-700	16.47	5	583.78	5	111.16	5	5.77	19	254.41	18	18.32	18	4.23	29	316.63	13
1 Max	-699	14.89	5	583.60	5	103.41	5	-5.86	19	137.01	18	22.81	18	4.58	29	316.63	13
1 Max	-662	0.36	1	436.52	5	112.63	5	-3.26	19	131.65	18	26.30	18	4.58	29	316.24	13
1 Min.	-663	-1.78	5	-436.62	5	-120.35	5	-22.58	28	73.12	29	3.13	5	-13.42	33	155.34	9
1 Min.	-700	-16.47	5	-583.68	5	-111.14	5	-22.49	28	73.71	29	0.47	29	-13.42	33	155.39	9
1 Min.	-699	-14.89	5	-583.50	5	-103.39	5	-37.33	28	-6.68	29	1.24	29	-13.33	33	155.39	9
1 Min.	-662	-0.36	1	-436.44	5	-112.60	5	-37.27	28	-7.41	29	4.50	29	-13.33	33	155.34	9
1 Max	-662	2.52	5	461.96	5	103.94	5	0.43	19	142.74	18	27.23	18	38.95	28	396.48	13
1 Max	-699	18.64	5	623.24	5	94.86	5	-8.57	19	139.79	18	21.88	18	38.95	28	397.16	13
1 Max	-698	17.90	5	623.14	5	86.65	5	-23.27	5	5.35	19	20.11	18	39.32	28	397.16	13
1 Max	-661	1.74	5	461.86	5	95.73	5	-14.57	19	8.28	19	25.46	18	39.32	28	396.48	13
1 Min.	-662	-2.52	5	-461.88	5	-103.91	5	-31.30	28	-0.81	29	4.49	29	10.41	5	194.01	9
1 Min.	-699	-18.64	5	-623.13	5	-94.83	5	-42.36	28	-7.88	29	1.26	29	10.41	5	194.22	9
1 Min.	-698	-17.90	5	-623.03	5	-86.62	5	-60.50	28	-118.99	28	-3.72	29	10.40	5	194.22	9
1 Min.	-661	-1.75	5	-461.78	5	-95.70	5	-49.28	28	-111.61	28	-0.48	29	10.40	5	194.01	9
1 Max	-661	3.87	5	485.39	5	86.79	5	-6.62	19	8.81	19	32.33	18	32.69	13	517.77	13
1 Max	-698	21.00	5	656.74	5	79.65	5	-28.13	5	21.46	19	13.12	18	32.69	13	516.77	13
1 Max	-697	19.95	5	656.62	5	72.90	5	-46.27	5	-100.20	9	29.68	18	34.41	13	516.77	13
1 Max	-660	2.78	5	485.26	5	80.04	5	-31.15	9	-111.04	9	49.49	13	34.41	13	517.77	13
1 Min.	-661	-3.87	5	-485.30	5	-86.76	5	-35.82	28	-117.81	28	4.80	29	5.88	5	252.54	9
1 Min.	-698	-21.00	5	-656.62	5	-79.63	5	-72.11	28	-94.25	28	-9.13	29	5.88	5	251.89	9
1 Min.	-697	-19.94	5	-656.50	5	-72.88	5	-108.47	28	-253.40	28	7.71	5	6.81	5	251.89	9
1 Min.	-660	-2.78	5	-485.17	5	-80.01	5	-71.03	28	-277.79	28	17.75	5	6.81	5	252.54	9
1 Max	-660	4.55	5	504.86	5	72.65	5	5.59	19	-90.12	9	48.57	13	476.44	28	712.83	13
1 Max	-697	22.59	5	685.35	5	66.31	5	-74.88	9	-110.63	9	30.65	18	476.44	28	717.26	13
1 Max	45	22.94	5	685.35	5	57.78	5	-96.14	9	-241.08	9	6.75	19	479.55	28	717.26	13
1 Max	-659	4.82	5	504.86	5	64											

Relazione di Calcolo – Ponte Torrente Gogna

1 Min.	-442	-5.82	5	-887.01	5	-135.07	5	-11.17	5	-56.91	5	-26.65	5	59.64	9	-367.24	5
1 Min.	-443	-16.72	5	-996.46	5	-18.02	5	4.37	5	-58.73	5	-32.03	5	59.64	9	-366.18	5
1 Min.	-479	-10.10	5	-995.82	5	-4.58	5	-13.24	5	-127.30	5	-17.56	5	59.50	9	-366.18	5
1 Min.	37	-2.29	1	-886.37	5	-121.63	5	-29.06	5	-125.67	5	-12.11	5	59.50	9	-367.24	5
1 Max	-583	234.46	5	6.41	5	124.99	5	4.14	19	-5.67	19	-2.91	29	307.35	13	30.33	18
1 Max	-584	234.13	5	10.12	5	136.64	5	121.07	18	-2.42	19	1.61	29	307.35	13	29.77	18
1 Max	-623	310.78	5	2.49	5	132.41	5	126.86	18	-0.51	19	-3.08	5	307.41	13	29.77	18
1 Max	-622	311.11	5	1.48	5	120.75	5	8.59	19	-3.64	19	-8.13	5	307.41	13	30.33	18
1 Min.	-583	-234.42	5	-6.41	5	-125.03	5	-111.91	28	-28.41	28	-29.07	18	154.53	9	-4.77	29
1 Min.	-584	-234.09	5	-10.12	5	-136.69	5	-10.52	29	-32.53	28	-19.75	18	154.53	9	-3.61	29
1 Min.	-623	-310.72	5	-2.49	5	-132.45	5	-8.15	29	-36.44	28	-25.66	18	154.50	9	-3.61	29
1 Min.	-622	-311.05	5	-1.48	5	-120.79	5	-108.16	28	-32.56	28	-35.04	13	154.50	9	-4.77	29
1 Max	-622	310.57	5	4.11	5	117.69	5	6.46	19	-13.97	19	-7.18	5	362.44	13	8.74	18
1 Max	-623	310.48	5	5.40	5	126.99	5	129.10	18	0.66	19	-4.09	5	362.44	13	8.76	18
1 Max	-662	462.72	5	10.18	5	119.33	5	136.82	18	-1.05	19	-0.82	29	362.62	13	8.76	18
1 Max	-661	462.82	5	11.31	5	110.04	5	11.68	19	-15.65	19	-3.13	29	362.62	13	8.74	18
1 Min.	-622	-310.52	5	-4.11	5	-117.73	5	-110.94	28	-46.02	28	-33.66	18	180.76	9	-10.88	29
1 Min.	-623	-310.42	5	-5.40	5	-127.03	5	-7.10	29	-30.06	28	-27.05	18	180.76	9	-10.47	29
1 Min.	-662	-462.64	5	-10.18	5	-119.37	5	-5.11	29	-38.90	28	-23.00	18	180.72	9	-10.47	29
1 Min.	-661	-462.74	5	-11.31	5	-110.07	5	-106.39	28	-55.08	28	-29.61	18	180.72	9	-10.88	29
1 Max	-584	228.83	5	10.24	5	147.56	5	129.10	18	-2.81	19	-0.61	5	275.51	13	25.08	18
1 Max	-585	228.72	5	11.74	5	156.44	5	236.09	18	5.49	19	-0.17	5	275.51	13	23.90	18
1 Max	-624	296.06	5	5.02	5	152.03	5	238.53	18	8.58	19	-1.14	5	275.67	13	23.90	18
1 Max	-623	296.17	5	3.54	5	143.15	5	131.48	18	0.52	19	-1.07	29	275.67	13	25.08	18
1 Min.	-584	-228.79	5	-10.25	5	-147.60	5	-2.72	29	-32.34	28	-22.22	18	139.04	9	-17.24	29
1 Min.	-585	-228.68	5	-11.74	5	-156.48	5	71.85	29	-24.35	28	-18.80	18	139.04	9	-16.78	29
1 Min.	-624	-296.01	5	-5.02	5	-152.07	5	70.44	29	-26.76	28	-19.77	18	139.07	9	-16.78	29
1 Min.	-623	-296.12	5	-3.54	5	-143.19	5	-4.12	29	-34.83	28	-23.20	18	139.07	9	-17.24	29
1 Max	-351	668.48	5	27.23	5	56.47	5	-100.72	9	-43.66	5	34.89	28	471.72	13	7.30	5
1 Max	-352	669.04	5	32.63	5	58.78	5	12.72	19	-23.33	5	9.99	28	471.72	13	6.06	5
1 Max	-390	517.00	5	17.43	5	64.86	5	1.26	19	-15.76	5	27.16	28	472.81	13	6.06	5
1 Max	-389	516.44	5	12.07	5	62.54	5	-111.09	9	-35.64	5	52.06	28	472.81	13	7.30	5
1 Min.	-351	-668.60	5	-27.23	5	-56.49	5	-203.58	28	-85.12	13	3.71	19	260.46	9	-41.78	29
1 Min.	-352	-669.16	5	-32.63	5	-58.80	5	-57.67	28	-49.20	13	-9.98	14	260.46	9	-42.77	29
1 Min.	-390	-517.09	5	-17.43	5	-64.88	5	-81.89	28	-34.65	28	-0.45	19	260.98	9	-42.77	29
1 Min.	-389	-516.53	5	-12.06	5	-62.57	5	-228.03	28	-69.60	13	12.05	19	260.98	9	-41.78	29
1 Max	-585	218.78	5	12.34	5	166.17	5	237.11	18	4.73	19	0.19	5	209.10	13	38.95	18
1 Max	-586	218.27	5	17.96	5	180.74	5	320.54	18	9.05	19	1.83	5	209.10	13	37.99	18
1 Max	-625	282.74	5	11.50	5	175.41	5	324.34	18	13.52	19	0.17	5	209.22	13	37.99	18
1 Max	-624	283.24	5	5.91	5	160.85	5	240.86	18	9.38	19	-1.49	5	209.22	13	38.95	18
1 Min.	-585	-218.75	5	-12.35	5	-166.21	5	72.19	29	-24.97	28	-18.21	18	104.95	9	-5.45	29
1 Min.	-586	-218.24	5	-17.96	5	-180.78	5	131.80	29	-21.69	28	-12.86	18	104.95	9	-5.18	29
1 Min.	-625	-282.69	5	-11.50	5	-175.46	5	131.94	29	-22.31	28	-15.01	18	104.97	9	-5.18	29
1 Min.	-624	-283.20	5	-5.91	5	-160.89	5	72.33	29	-25.61	28	-20.36	18	104.97	9	-5.45	29
1 Max	-429	313.36	5	23.79	5	88.92	5	-106.52	9	-23.88	9	11.84	28	398.34	13	79.78	13
1 Max	-430	314.03	5	30.31	5	94.12	5	0.45	19	-10.30	5	25.26	28	398.34	13	81.37	13
1 Max	-467	230.44	5	21.95	5	101.13	5	8.49	19	-6.50	9	30.70	28	398.10	13	81.37	13
1 Max	-466	229.77	5	15.45	5	95.94	5	-99.92	9	-19.95	9	17.28	28	398.10	13	79.78	13
1 Min.	-429	-313.41	5	-23.79	5	-88.96	5	-229.33	28	-49.17	28	-16.26	14	219.69	9	22.88	29
1 Min.	-430	-314.08	5	-30.31	5	-94.15	5	-93.29	28	-25.82	13	-3.62	19	219.69	9	26.13	29
1 Min.	-467	-230.48	5	-21.95	5	-101.16	5	-84.96	28	-21.80	28	-1.33	19	219.50	9	26.13	29
1 Min.	-466	-229.81	5	-15.45	5	-95.97	5	-220.81	28	-46.62	28	-13.85	19	219.50	9	22.88	29
1 Max	-586	212.06	5	18.05	5	193.35	5	322.10	18	8.79	19	1.41	5	151.63	13	38.71	18
1 Max	-587	212.59	5	13.17	5	202.22	5	392.62	18	14.26	19	1.92	5	151.63	13	37.42	18
1 Max	-626	265.30	5	7.90	5	200.44	5	395.72	18	19.01	19	1.15	5	151.69	13	37.42	18
1 Max	-625	264.77	5	12.79	5	191.57	5	325.17	18	13.79	19	0.59	5	151.69	13	38.71	18
1 Min.	-586	-212.03	5	-18.06	5	-193.39	5	133.10	29	-22.00	28	-13.71	18	74.05	9	-3.60	29
1 Min.	-587	-212.56	5	-13.17	5	-202.27	5	183.49	31	-15.72	28	-8.76	13	74.05	9	-3.48	29
1 Min.	-626	-265.26	5	-7.90	5	-200.49	5	183.53	31	-15.28	28	-9.14	18	74.06	9	-3.48	29
1 Min.	-625	-264.73	5	-12.79	5	-191.61	5	132.86	29	-21.56	28	-14.17	18	74.06	9	-3.60	29
1 Max	-625	264.95	5	10.94	5	185.66	5	324.51	18	11.10	19	0.45	5	150.14	13	31.43	18
1 Max	-626	265.47	5	6.22	5	194.56	5	395.57	18	15.23	19	1.26	5	150.14	13	31.07	18
1 Max	-665	372.20	5	4.89	5	181.00	5	401.79	18	20.69	19	-0.57	5	150.42	13	31.07	18
1 Max	-664	371.69	5	0.38	1	172.11	5	330.59	18	16.70	19	-1.49	5	150.42	13	31.43	18
1 Min.	-625	-264.91	5	-10.94	5	-185.70	5	132.56	29	-21.02	28	-14.33	18	72.82	9	-1.61	29
1 Min.	-626	-265.43	5	-6.22	5	-194.60	5	183.78	31	-16.11	28	-9.00	18	72.82	9	-1.61	29
1 Min.	-665	-372.14	5	-4.89	5	-181.04	5	184.12	31	-13.43	28	-11.04	18	72.88	9	-1.61	29
1 Min.	-664	-371.63	5	-0.38	1	-172.15	5	132.20	29	-18.32	28	-16.37	18	72.88	9	-1.61	29
1 Max	-544	167.97	5	0.49	1	87.50	5	-198.30	9	-19.83	9	14.94	29	547.31	13	-219.47	9
1 Max	-545	167.28	5	7.82	5	98.01	5	-91.81	9	3.94	29	-8.92	29	547.31	13	-217.70	9
1 Max	-582	249.88	5	0.89	5	97.55	5	-101.47	9	-42.07	9	0.33	29	548.65	13	-217.70	9
1 Max	40	250.58	5	8.16	5	87.04	5	-208.28	9	-62.34	9	24.19	29	548.65	13	-219.47	9
1 Min.	-544	-167.95	5	-0.49	1	-87.54	5	-412.25	28	-37.27	28	-18.12	18	288.48	9	-559.41	28
1 Min.	-545	-167.25	5	-7.82	5	-98.05	5	-223.46	28	-2.31	33	-36.05	13	288.48	9	-552.90	28
1 Min.	-582	-249.84	5	-0.89	5	-97.59	5	-250.60	28	-102.90	28	-28.03	18	289.19	9	-552.90	28
1 Min.	40	-250.54	5	-8.16	5	-87.08	5	-439.95	28	-142.04	28	-10.61	18	289.19	9	-559.41	28
1 Max	-505	124.33	1	16.85	5	106.55	5	-101.73	9	-1.91	29	20.55	28	310.58	18	2.06	5
1 Max	-506	124.60	1	22.24	5	115.13	5	-2.68	19	-7.39	5	20.00	28	310.58	18	2.20	5
1 Max	-546	163.38	5	6.22	5	116.09	5	0.68	19	-12.92	19	-2.40	5	310.93	18	2.20	5
1 Max	-545	163.88	5	0.89	5	107.51	5	-99.20	9	-8.79	9	-1.81	29	310.93	18	2.06	5
1 Min.	-505	-124.34	1	-16.8													

Relazione di Calcolo – Ponte Torrente Gogna

1 Min.	-766	-18.33	5	-1044.49	5	-21.64	5	9.08	5	-537.99	18	-47.36	18	-389.38	18	-410.56	18
1 Min.	-765	-19.71	5	-1044.60	5	-15.66	5	5.92	5	-423.76	18	-16.77	18	-388.61	18	-410.56	18
1 Min.	-725	-4.12	5	-808.39	5	-19.50	5	-114.25	18	-506.88	18	10.34	5	-388.61	18	-410.90	18
1 Max	-507	100.94	1	25.35	5	143.66	5	123.26	18	-3.74	5	6.74	5	250.18	13	21.62	18
1 Max	-508	101.20	1	30.56	5	152.54	5	226.83	18	-1.41	5	7.21	5	250.18	13	21.46	18
1 Max	-548	157.43	5	16.35	5	155.60	5	230.74	18	4.79	19	1.59	5	250.50	13	21.46	18
1 Max	-547	157.91	5	11.17	5	146.72	5	127.95	18	1.44	19	1.18	5	250.50	13	21.62	18
1 Min.	-507	-100.95	1	-25.35	5	-143.70	5	0.80	29	-20.55	28	-11.79	19	129.19	9	-18.01	29
1 Min.	-508	-101.20	1	-30.57	5	-152.58	5	73.01	29	-20.09	28	-9.38	19	129.19	9	-17.86	29
1 Min.	-548	-157.41	5	-16.36	5	-155.65	5	69.94	29	-25.40	28	-16.65	13	129.23	9	-17.86	29
1 Min.	-547	-157.88	5	-11.17	5	-146.77	5	-2.22	29	-25.91	28	-19.31	18	129.23	9	-18.01	29
1 Max	-611	2.73	5	361.03	5	83.38	5	38.12	24	-164.83	1	33.96	28	95.23	23	19.64	29
1 Max	-650	20.10	5	534.72	5	78.13	5	24.86	24	-172.79	1	-11.35	5	95.23	23	21.96	29
1 Max	-649	19.31	5	534.63	5	74.84	5	-2.49	34	-144.65	1	-15.42	5	95.97	23	21.96	29
1 Max	-610	1.88	5	360.93	5	80.08	5	10.45	34	-136.69	1	25.72	29	95.97	23	19.64	29
1 Min.	-611	-2.73	5	-360.92	5	-83.34	5	-16.25	18	-533.23	18	-9.87	19	-2.32	29	-268.46	18
1 Min.	-650	-20.10	5	-534.56	5	-78.10	5	-25.55	18	-568.43	18	-60.63	18	-2.32	29	-268.55	18
1 Min.	-649	-19.30	5	-534.46	5	-74.80	5	-48.68	18	-475.60	18	-77.75	18	-2.11	29	-268.55	18
1 Min.	-610	-1.88	5	-360.83	5	-80.04	5	-39.13	18	-440.43	18	-24.45	18	-2.11	29	-268.46	18
1 Max	-508	88.39	1	29.11	5	161.71	5	231.92	18	-1.41	5	6.18	5	202.08	13	26.92	18
1 Max	-509	88.66	1	36.57	5	174.37	5	313.12	18	2.09	19	6.49	5	202.08	13	26.76	18
1 Max	-549	156.94	5	23.32	5	179.51	5	317.80	18	9.79	19	2.89	5	202.34	13	26.76	18
1 Max	-548	157.64	5	15.89	5	166.85	5	236.49	18	5.85	19	2.61	5	202.34	13	26.92	18
1 Min.	-508	-88.39	1	-29.11	5	-161.75	5	75.86	29	-20.47	28	-10.60	14	104.09	9	-12.02	29
1 Min.	-509	-88.66	1	-36.58	5	-174.42	5	134.02	29	-17.34	28	-7.79	14	104.09	9	-11.92	29
1 Min.	-549	-156.91	5	-23.32	5	-179.56	5	132.02	29	-20.65	28	-11.70	18	104.11	9	-11.92	29
1 Min.	-548	-157.62	5	-15.89	5	-166.89	5	73.89	29	-23.82	28	-14.86	18	104.11	9	-12.02	29
1 Max	-548	157.20	5	20.26	5	169.07	5	235.52	18	2.46	19	2.73	5	206.27	13	33.96	18
1 Max	-549	157.98	5	12.97	5	179.22	5	317.99	18	6.61	19	2.74	5	206.27	13	33.20	18
1 Max	-586	219.38	5	6.86	5	178.89	5	320.41	18	11.53	19	1.02	5	206.37	13	33.20	18
1 Max	-585	218.60	5	14.12	5	168.74	5	237.90	18	7.54	19	1.01	5	206.37	13	33.96	18
1 Min.	-548	-157.18	5	-20.26	5	-169.11	5	73.47	29	-23.65	28	-14.83	18	104.41	9	-11.29	29
1 Min.	-549	-157.96	5	-12.97	5	-179.26	5	132.61	29	-20.26	28	-11.84	13	104.41	9	-10.78	29
1 Min.	-586	-219.34	5	-6.86	5	-178.93	5	131.53	29	-21.21	28	-14.00	13	104.42	9	-10.78	29
1 Min.	-585	-218.57	5	-14.12	5	-168.78	5	72.41	29	-24.70	28	-17.05	18	104.42	9	-11.29	29
1 Max	-509	84.17	1	34.45	5	183.57	5	315.59	18	1.97	5	6.42	5	143.21	13	27.31	18
1 Max	-510	84.23	1	36.41	5	190.52	5	373.22	18	4.43	5	6.42	5	143.21	13	27.15	18
1 Max	-550	155.81	5	24.95	5	199.44	5	377.31	18	12.24	19	2.95	5	143.46	13	27.15	18
1 Max	-549	155.95	5	23.02	5	192.50	5	319.58	18	10.24	19	2.94	5	143.46	13	27.31	18
1 Min.	-509	-84.17	1	-34.46	5	-183.62	5	134.54	29	-17.60	28	-7.74	14	72.22	9	-8.43	29
1 Min.	-510	-84.23	1	-36.41	5	-190.56	5	175.97	31	-15.97	28	-5.30	14	72.22	9	-8.36	29
1 Min.	-550	-155.79	5	-24.95	5	-199.49	5	175.29	31	-18.27	28	-8.87	13	72.24	9	-8.36	29
1 Min.	-549	-155.93	5	-23.02	5	-192.54	5	133.31	29	-19.92	28	-11.39	13	72.24	9	-8.43	29
1 Max	-549	157.65	5	27.02	5	192.72	5	319.07	18	7.13	19	4.06	5	144.99	13	34.62	18
1 Max	-550	156.94	5	34.65	5	200.37	5	377.95	18	10.54	19	4.98	5	153.40	13	29.90	18
1 Max	-587	212.64	5	28.50	5	209.81	5	393.87	18	15.31	19	3.64	5	151.77	13	34.67	18
1 Max	-586	213.43	5	20.38	5	191.95	5	322.08	18	12.15	19	2.84	5	144.88	13	38.54	18
1 Min.	-549	-157.63	5	-27.03	5	-192.76	5	133.71	29	-19.85	28	-8.80	18	72.97	9	-8.59	29
1 Min.	-550	-156.92	5	-34.66	5	-200.41	5	175.35	31	-16.95	28	-5.57	18	71.30	9	-7.04	29
1 Min.	-587	-212.61	5	-28.51	5	-209.85	5	183.55	31	-17.19	28	-5.38	18	71.65	9	-8.67	29
1 Min.	-586	-213.40	5	-20.38	5	-191.99	5	133.35	29	-21.05	28	-11.20	18	73.01	9	-9.94	29
1 Max	-466	230.68	5	24.53	5	97.68	5	-96.85	9	-21.27	9	34.11	28	351.86	13	23.29	5
1 Max	-467	231.21	5	29.63	5	107.03	5	4.48	19	-13.63	5	13.95	28	351.86	13	22.50	5
1 Max	-506	124.32	1	13.03	5	111.21	5	-2.75	19	-2.63	9	10.29	28	353.00	13	22.50	5
1 Max	-505	124.08	1	7.97	5	101.83	5	-103.03	9	-9.86	9	30.46	28	353.00	13	23.29	5
1 Min.	-466	-230.72	5	-24.53	5	-97.72	5	-214.27	28	-40.53	28	-3.95	19	189.03	9	-30.16	29
1 Min.	-467	-231.25	5	-29.63	5	-107.07	5	-91.89	28	-31.70	28	-11.21	19	189.03	9	-31.21	29
1 Min.	-506	-124.32	1	-13.03	5	-111.25	5	-114.90	28	-19.63	28	-13.07	19	189.57	9	-31.21	29
1 Min.	-505	-124.08	1	-7.97	5	-101.87	5	-237.66	28	-27.91	28	-5.81	19	189.57	9	-30.16	29
1 Max	-419	362.51	5	22.82	5	74.05	5	-161.20	1	19.63	24	42.35	19	-459.22	1	-579.56	9
1 Max	-420	362.23	5	20.04	5	65.58	5	-171.01	1	17.12	24	32.60	19	-459.22	1	-580.68	9
1 Max	35	274.32	5	11.21	5	71.08	5	-227.84	1	-84.91	1	30.08	19	-567.73	1	-580.68	9
1 Max	-458	274.61	5	14.03	5	79.81	5	-215.71	1	-83.59	1	39.82	19	-567.73	1	-579.56	9
1 Min.	-419	-362.61	5	-22.82	5	-74.08	5	-466.58	18	-4.55	5	-24.48	28	-1354.00	33	-1598.10	23
1 Min.	-420	-362.33	5	-20.04	5	-65.61	5	-490.91	18	-6.02	13	-33.98	28	-1354.00	33	-1600.73	23
1 Min.	35	-274.39	5	-11.21	5	-71.12	5	-637.68	18	-223.33	18	-35.27	28	-1768.33	33	-1600.73	23
1 Min.	-458	-274.68	5	-14.03	5	-79.85	5	-606.73	18	-219.92	18	-25.77	28	-1768.33	33	-1598.10	23
1 Max	-468	193.93	5	32.94	5	129.77	5	124.08	18	-5.78	5	14.20	28	252.54	13	15.23	19
1 Max	-469	194.70	5	40.50	5	140.01	5	227.02	18	-1.96	5	10.64	5	252.54	13	15.00	19
1 Max	-508	101.03	1	25.27	5	145.70	5	226.82	18	1.63	19	6.22	5	252.88	13	15.00	19
1 Max	-507	100.71	1	17.74	5	135.46	5	123.75	18	-2.67	19	8.30	28	252.88	13	15.23	19
1 Min.	-468	-193.96	5	-32.94	5	-129.81	5	7.18	29	-22.12	28	-6.91	19	134.35	9	-22.82	28
1 Min.	-469	-194.73	5	-40.51	5	-140.05	5	78.71	29	-18.73	28	-6.76	14	134.35	9	-22.87	28
1 Min.	-508	-101.03	1	-25.28	5	-145.74	5	72.35	29	-22.01	28	-10.43	19	134.41	9	-22.87	28
1 Min.	-507	-100.72	1	-17.74	5	-135.50	5	0.82	29	-25.38	28	-10.67	19	134.41	9	-22.82	28
1 Max	-265	1058.57	5	21.05	5	20.10	5	-138.99	1	38.92	18	17.52	19	-98.41	5	-224.26	5
1 Max	-266	1058.38	5	19.19	5	10.05	5	-141.88	1	39.00	18	13.78	19	-98.41	5	-223.04	5
1 Max	-305	824.65	5	4.19	5	10.24	5	-203.48	1	-43.36	5	22.11	19	399.32	28	-223.04	5
1 Max	-304	824.84	5	2.43	5	20.28	5	-206.23	1	-43.81	5	25.85	19	399.32	28	-224.26	5
1 Min.	-265	-1058.88	5	-21.05	5	-20.11	5	-366.61	18	15.96	5	-26.52	28	-251.52			

Relazione di Calcolo – Ponte Torrente Gogna

1 Min.	-466	-242.67	5	-16.55	5	-89.89	5	-224.92	28	-87.59	28	-11.95	19	288.42	9	-422.95	28
1 Min.	36	-242.23	5	-12.48	5	-79.47	5	-398.04	28	-127.64	28	-6.16	19	288.42	9	-428.17	28
1 Max	-432	245.01	5	38.72	5	120.31	5	230.33	18	-2.07	5	12.78	5	200.40	13	12.36	19
1 Max	-433	245.74	5	45.93	5	132.09	5	311.33	18	1.36	5	11.20	5	200.40	13	11.84	19
1 Max	-470	166.60	5	38.02	5	150.80	5	311.00	18	1.28	5	9.47	5	200.46	13	11.84	19
1 Max	-469	165.86	5	30.82	5	139.02	5	229.98	18	-2.08	5	11.05	5	200.46	13	12.36	19
1 Min.	-432	-245.05	5	-38.72	5	-120.35	5	81.00	29	-17.91	28	-4.45	14	107.47	9	-26.32	28
1 Min.	-433	-245.78	5	-45.94	5	-132.13	5	138.19	29	-15.05	28	-4.28	14	107.47	9	-25.99	28
1 Min.	-470	-166.62	5	-38.02	5	-150.84	5	135.49	29	-17.69	28	-5.85	14	107.46	9	-25.99	28
1 Min.	-469	-165.89	5	-30.82	5	-139.06	5	78.32	29	-20.62	28	-6.04	19	107.46	9	-26.32	28
1 Max	-389	518.45	5	32.16	5	73.43	5	-106.81	9	-16.54	29	42.28	28	349.74	13	24.41	5
1 Max	-390	518.86	5	36.02	5	80.39	5	-1.04	19	-19.60	29	36.73	28	349.74	13	24.40	5
1 Max	-430	312.53	5	15.39	5	88.42	5	-0.15	19	-16.41	9	15.85	28	349.77	13	24.40	5
1 Max	-429	312.13	5	11.58	5	81.46	5	-106.71	9	-15.20	9	21.40	28	349.77	13	24.41	5
1 Min.	-389	-518.54	5	-32.16	5	-73.46	5	-220.87	28	-41.31	13	5.58	19	190.93	9	-33.67	29
1 Min.	-390	-518.95	5	-36.02	5	-80.42	5	-85.80	28	-44.76	13	5.86	19	190.93	9	-33.37	29
1 Min.	-430	-312.59	5	-15.39	5	-88.45	5	-94.10	28	-41.60	28	-9.69	19	190.82	9	-33.37	29
1 Min.	-429	-312.18	5	-11.58	5	-81.49	5	-228.98	28	-37.21	28	-9.97	19	190.82	9	-33.67	29
1 Max	-283	793.50	5	16.85	5	28.44	5	410.52	18	4.75	28	13.33	5	-32.29	5	-2.11	14
1 Max	-284	797.63	5	57.87	5	5.85	5	377.15	18	2.22	28	13.10	5	-32.29	5	-2.09	14
1 Max	-323	482.87	5	26.39	5	41.41	5	375.45	18	-0.44	5	13.78	5	-33.07	5	-2.09	14
1 Max	-322	478.74	5	14.86	5	18.79	5	408.85	18	1.86	5	13.98	5	-33.07	5	-2.11	14
1 Min.	-283	-793.61	5	-16.85	5	-28.45	5	208.25	9	1.37	14	-10.95	5	-83.04	18	-22.54	28
1 Min.	-284	-797.73	5	-57.88	5	-5.85	5	192.60	9	-0.12	14	-13.00	5	-83.04	18	-22.53	28
1 Min.	-323	-482.93	5	-26.40	5	-41.41	5	191.30	9	-5.87	33	-13.01	5	-83.10	18	-22.53	28
1 Min.	-322	-478.81	5	-14.86	5	-18.79	5	207.23	9	-3.37	33	-10.93	5	-83.10	18	-22.54	28
1 Max	-352	642.22	5	30.17	5	58.46	5	0.96	19	-20.50	5	17.39	28	359.17	13	18.23	5
1 Max	-353	642.60	5	33.75	5	62.85	5	124.50	18	-10.93	5	17.55	28	359.17	13	18.51	5
1 Max	-391	491.45	5	18.64	5	76.32	5	128.53	18	-10.13	5	20.04	28	358.94	13	18.51	5
1 Max	-390	491.07	5	15.10	5	71.92	5	4.60	19	-19.69	5	19.88	28	358.94	13	18.23	5
1 Min.	-352	-642.33	5	-30.17	5	-58.48	5	-81.80	28	-43.93	13	-5.22	14	197.33	9	-11.35	28
1 Min.	-353	-642.71	5	-33.75	5	-62.87	5	19.20	29	-27.89	13	-1.77	14	197.33	9	-10.68	28
1 Min.	-391	-491.54	5	-18.64	5	-76.34	5	18.40	29	-26.63	28	-1.48	14	197.11	9	-10.68	28
1 Min.	-390	-491.16	5	-15.10	5	-71.95	5	-81.92	28	-41.84	28	-4.93	14	197.11	9	-11.35	28
1 Max	-390	492.94	5	33.59	5	87.46	5	5.44	19	-18.89	5	24.22	28	341.52	13	8.05	5
1 Max	-391	493.70	5	41.09	5	91.09	5	125.43	18	-9.04	29	15.65	28	341.52	13	7.92	5
1 Max	-431	294.75	5	21.21	5	95.89	5	120.98	18	-7.32	5	19.77	28	341.92	13	7.92	5
1 Max	-430	293.99	5	13.76	5	92.26	5	3.43	19	-17.02	9	28.34	28	341.92	13	8.05	5
1 Min.	-390	-493.02	5	-33.60	5	-87.49	5	-79.19	28	-42.14	13	-2.20	19	187.46	9	-31.12	28
1 Min.	-391	-493.79	5	-41.09	5	-91.12	5	18.59	29	-27.51	13	-4.33	14	187.46	9	-31.09	28
1 Min.	-431	-294.80	5	-21.21	5	-95.92	5	8.54	29	-26.52	28	-3.36	19	187.54	9	-31.09	28
1 Min.	-430	-294.04	5	-13.76	5	-92.29	5	-91.71	28	-41.69	28	-1.64	19	187.54	9	-31.12	28
1 Max	-458	19.98	5	276.11	1	88.08	5	-49.16	1	-183.31	1	29.87	28	-117.49	5	-242.06	1
1 Max	-495	3.13	5	223.95	1	89.21	5	-0.74	24	-173.42	1	39.81	28	-117.49	5	-240.63	1
1 Max	-494	8.22	5	224.02	1	87.90	5	24.35	34	-96.90	1	32.36	28	-116.76	5	-240.63	1
1 Max	-457	24.98	5	276.18	1	86.66	5	-39.34	1	-106.13	1	28.32	28	-116.76	5	-242.06	1
1 Min.	-458	-19.98	5	-276.19	1	-88.04	5	-120.86	18	-527.53	18	-37.36	19	-273.98	33	-668.60	18
1 Min.	-495	-3.13	5	-223.96	1	-89.17	5	-20.35	18	-522.00	18	-27.70	19	-273.98	33	-665.65	18
1 Min.	-494	-8.22	5	-224.03	1	-87.86	5	4.46	15	-313.93	18	-33.01	19	-272.22	33	-665.65	18
1 Min.	-457	-24.98	5	-276.26	1	-86.62	5	-92.41	18	-318.51	18	-42.67	19	-272.22	33	-668.60	18
1 Max	-353	609.79	5	30.67	5	69.53	5	124.02	18	-9.95	5	17.66	28	288.73	13	1.42	19
1 Max	-354	610.59	5	38.50	5	69.20	5	233.66	18	-1.90	5	13.38	5	288.73	13	1.27	19
1 Max	-392	464.96	5	23.95	5	77.11	5	231.43	18	-3.59	5	14.68	5	288.83	13	1.27	19
1 Max	-391	464.16	5	16.15	5	77.45	5	121.77	18	-11.56	5	19.92	28	288.83	13	1.42	19
1 Min.	-353	-609.89	5	-30.67	5	-69.55	5	18.08	29	-26.01	13	-1.81	14	158.17	9	-36.95	28
1 Min.	-354	-610.69	5	-38.51	5	-69.22	5	90.59	29	-13.39	13	-3.11	5	158.17	9	-36.60	28
1 Min.	-392	-465.04	5	-23.95	5	-77.14	5	85.98	29	-16.65	28	-2.09	14	158.16	9	-36.60	28
1 Min.	-391	-464.24	5	-16.15	5	-77.47	5	13.57	29	-29.28	28	-1.45	14	158.16	9	-36.95	28
1 Max	-391	466.41	5	38.52	5	92.21	5	123.33	18	-8.56	5	19.97	28	266.56	13	8.63	19
1 Max	-392	467.01	5	44.44	5	99.24	5	229.71	18	-3.74	5	14.70	5	266.56	13	8.54	19
1 Max	-432	269.60	5	24.70	5	110.50	5	228.13	18	-3.37	5	11.82	5	266.69	13	8.54	19
1 Max	-431	269.00	5	18.84	5	103.47	5	121.71	18	-8.23	5	15.45	28	266.69	13	8.63	19
1 Min.	-391	-466.49	5	-38.53	5	-92.24	5	14.10	29	-25.94	13	-1.71	14	145.19	9	-27.98	28
1 Min.	-392	-467.09	5	-44.44	5	-99.27	5	86.24	29	-19.61	13	-1.90	14	145.19	9	-27.90	28
1 Min.	-432	-269.65	5	-24.71	5	-110.53	5	79.50	29	-22.13	28	-5.77	14	145.15	9	-27.90	28
1 Min.	-431	-269.04	5	-18.84	5	-103.51	5	7.46	29	-27.88	28	-5.66	19	145.15	9	-27.98	28
1 Max	-431	270.28	5	31.66	5	115.26	5	122.73	18	-8.03	5	13.78	28	262.89	13	17.40	19
1 Max	-432	271.25	5	41.22	5	118.21	5	226.82	18	-2.35	5	12.44	5	262.89	13	17.02	19
1 Max	-469	193.99	5	33.50	5	129.93	5	227.67	18	-1.93	5	11.40	5	262.93	13	17.02	19
1 Max	-468	193.02	5	23.95	5	126.99	5	123.57	18	-7.58	5	12.48	28	262.93	13	17.40	19
1 Min.	-431	-270.33	5	-31.66	5	-115.30	5	7.68	29	-25.17	28	-6.67	19	142.31	9	-16.34	28
1 Min.	-432	-271.30	5	-41.23	5	-118.24	5	79.82	29	-18.49	28	-4.75	14	142.31	9	-15.26	28
1 Min.	-469	-194.03	5	-33.51	5	-129.97	5	78.72	29	-20.41	28	-5.78	19	142.29	9	-15.26	28
1 Min.	-468	-193.06	5	-23.96	5	-127.03	5	6.64	29	-27.33	28	-7.77	19	142.29	9	-16.34	28
1 Max	-354	578.63	5	35.49	5	64.76	5	229.30	18	-1.84	5	14.67	5	213.01	13	5.57	19
1 Max	-355	579.16	5	40.54	5	69.04	5	313.33	18	2.18	5	15.00	5	213.01	13	5.69	19
1 Max	-393	430.46	5	25.68	5	88.09	5	313.66	18	0.03	5	13.73	5	212.81	13	5.69	19
1 Max	-392	429.94	5	20.67	5	83.81	5	229.72	18	-4.01	5	13.39	5	212.81	13	5.57	19
1 Min.	-354	-578.73	5	-35.50	5	-64.78	5	86.84	29	-13.12	13	-1.94	5	115.39	9	-31.13	28
1 Min.	-355	-579.25	5	-40.55	5	-69.06	5	143.89	29	-7.51	13	-2.77	5	115.39	9	-30.48	28
1 Min.	-393	-430.53	5	-25.68	5	-88.11											

Relazione di Calcolo – Ponte Torrente Gogna

1 Min.	-363	-78.92	5	-1039.08	5	-204.47	5	72.55	5	-100.48	18	-17.44	5	-577.80	18	-391.18	18
1 Max	-325	190.87	5	34.48	5	317.07	5	247.17	18	-8.94	5	17.18	5	-159.21	5	47.23	5
1 Max	-326	300.16	5	1060.83	5	294.84	5	124.72	18	-21.17	5	20.34	5	-159.21	5	47.53	5
1 Max	-363	19.20	1	1031.28	5	459.09	5	130.60	18	-26.72	5	16.91	5	-159.28	5	47.53	5
1 Max	-362	115.86	5	63.98	5	481.32	5	253.06	18	-11.51	5	13.81	5	-159.28	5	47.23	5
1 Min.	-325	-190.85	5	-34.48	5	-317.11	5	126.71	9	-24.20	18	-9.68	5	-370.92	18	-18.98	5
1 Min.	-326	-300.12	5	-1060.70	5	-294.88	5	61.10	5	-61.11	18	-1.41	5	-370.92	18	-18.40	5
1 Min.	-363	-19.20	1	-1031.15	5	-459.15	5	65.63	9	-62.08	18	-13.71	5	-370.94	18	-18.40	5
1 Min.	-362	-115.88	5	-63.99	5	-481.38	5	129.29	9	-25.48	33	-22.05	5	-370.94	18	-18.98	5
1 Max	-284	878.45	5	66.08	5	71.70	5	375.76	18	2.87	28	12.19	5	-61.64	5	-2.14	14
1 Max	-285	873.06	5	12.08	5	42.80	5	317.74	18	0.59	5	12.47	5	-61.64	5	-2.13	14
1 Max	-324	367.56	5	38.63	5	45.04	5	317.83	18	-3.06	5	14.98	5	-62.41	5	-2.13	14
1 Max	-323	372.94	5	15.70	5	16.22	5	375.89	18	0.09	5	14.69	5	-62.41	5	-2.14	14
1 Min.	-284	-878.56	5	-66.09	5	-71.69	5	191.55	9	0.29	14	-13.43	5	-141.30	18	-20.02	28
1 Min.	-285	-873.17	5	-12.08	5	-42.80	5	162.73	9	-1.40	5	-14.05	5	-141.30	18	-20.07	28
1 Min.	-324	-367.60	5	-38.63	5	-45.05	5	162.54	9	-9.22	33	-13.22	5	-141.38	18	-20.07	28
1 Min.	-323	-372.99	5	-15.70	5	-16.22	5	191.47	9	-6.15	33	-12.58	5	-141.38	18	-20.02	28
1 Max	-285	934.77	5	18.47	5	82.88	5	314.07	18	1.63	28	12.91	5	-93.82	5	4.13	5
1 Max	-286	934.34	5	14.00	5	19.71	5	231.43	18	-1.17	5	14.63	5	-93.82	5	3.77	5
1 Max	-325	312.51	5	48.23	5	126.37	5	238.04	18	-9.06	9	16.25	5	-94.55	5	3.77	5
1 Max	-324	312.94	5	43.96	5	63.13	5	320.73	18	-3.20	5	14.53	5	-94.55	5	4.13	5
1 Min.	-285	-934.88	5	-18.47	5	-82.89	5	160.87	9	0.03	19	-12.01	5	-212.37	18	-13.48	28
1 Min.	-286	-934.46	5	-14.00	5	-19.72	5	117.87	9	-8.13	5	-7.74	5	-212.37	18	-13.63	28
1 Min.	-325	-312.55	5	-48.23	5	-126.36	5	121.88	9	-19.38	33	-11.01	5	-212.51	18	-13.63	28
1 Min.	-324	-312.98	5	-43.95	5	-63.13	5	163.85	9	-10.59	33	-15.27	5	-212.51	18	-13.48	28
1 Max	-634	4.83	5	199.83	5	44.83	5	17.23	18	3.85	14	32.56	18	-56.21	5	14.23	5
1 Max	-635	6.25	5	185.65	5	13.34	5	-0.82	5	-1.36	5	33.02	18	-56.21	5	14.17	5
1 Max	-674	9.07	5	187.05	5	12.76	5	-0.07	5	-10.20	9	20.25	18	-55.70	5	14.17	5
1 Max	-673	10.57	5	201.23	5	44.29	5	16.14	18	-3.10	14	19.80	18	-55.70	5	14.23	5
1 Min.	-634	-4.83	5	-199.80	5	-44.84	5	7.46	9	-15.73	5	3.44	5	-128.59	18	-33.38	18
1 Min.	-635	-6.25	5	-185.63	5	-13.34	5	-3.43	19	-18.92	5	3.74	5	-128.59	18	-33.86	18
1 Min.	-674	-9.07	5	-187.03	5	-12.76	5	-2.85	18	-29.64	33	-0.60	5	-122.69	18	-33.86	18
1 Min.	-673	-10.57	5	-201.20	5	-44.30	5	8.48	9	-23.68	33	-0.94	5	-122.69	18	-33.38	18
1 Max	-287	147.21	5	121.85	5	865.90	5	128.74	18	6.42	5	16.17	18	-106.07	5	-74.15	9
1 Max	28	221.91	5	3505.24	5	1005.12	5	24.13	5	7.59	5	10.09	5	-106.07	5	-74.25	9
1 Max	-327	181.00	5	3465.59	5	601.12	5	13.17	5	-23.38	5	17.29	18	-107.15	5	-74.25	9
1 Max	-326	543.64	5	161.51	5	461.90	5	113.26	18	-24.57	5	24.36	18	-107.15	5	-74.15	9
1 Min.	-287	-147.23	5	-121.86	5	-866.00	5	66.82	9	0.18	5	1.57	5	-259.18	18	-140.89	18
1 Min.	28	-221.88	5	-3504.81	5	-1005.24	5	-4.56	5	-6.52	5	-1.04	5	-259.18	18	-141.12	18
1 Min.	-327	-181.03	5	-3465.17	5	-601.20	5	-12.47	5	-58.60	18	0.25	5	-261.35	18	-141.12	18
1 Min.	-326	-543.71	5	-161.53	5	-461.96	5	58.14	9	-54.89	18	2.87	5	-261.35	18	-140.89	18
1 Max	-402	60.72	5	1132.36	5	109.00	5	14.00	18	-11.06	14	18.00	5	-46.86	5	150.92	5
1 Max	-403	43.03	5	1309.22	5	73.12	5	0.05	5	-15.28	14	16.19	5	-46.86	5	151.24	5
1 Max	-443	48.82	5	1318.28	5	69.82	5	6.45	5	46.35	5	6.20	5	-54.25	5	151.24	5
1 Max	-442	31.25	5	1141.42	5	105.67	5	17.07	5	48.30	5	7.99	5	-54.25	5	150.92	5
1 Min.	-402	-60.73	5	-1132.22	5	-109.02	5	3.11	5	-35.93	28	-27.91	5	-103.88	18	-104.21	5
1 Min.	-403	-43.04	5	-1309.06	5	-73.13	5	-5.70	5	-41.50	28	-25.74	5	-103.88	18	-104.32	5
1 Min.	-443	-48.82	5	-1318.12	5	-69.83	5	-9.30	5	-66.07	5	-28.28	5	-105.55	18	-104.32	5
1 Min.	-442	-31.24	5	-1141.27	5	-105.69	5	1.40	5	-60.37	5	-30.44	5	-105.55	18	-104.21	5
1 Max	-379	572.98	5	29.89	5	65.22	5	-180.27	1	9.20	19	26.99	19	437.49	23	64.17	5
1 Max	-380	573.08	5	30.93	5	52.61	5	-175.79	1	10.29	19	25.85	19	437.49	23	63.26	5
1 Max	-420	361.20	5	9.74	5	59.98	5	-166.33	1	-7.26	5	36.89	19	301.20	28	63.26	5
1 Max	-419	361.10	5	8.79	5	72.59	5	-167.31	1	-7.62	5	38.03	19	301.20	28	64.17	5
1 Min.	-379	-573.15	5	-29.89	5	-65.25	5	-469.50	18	-22.77	5	-33.46	28	185.76	5	-146.90	19
1 Min.	-380	-573.25	5	-30.93	5	-52.64	5	-461.35	18	-21.91	5	-33.49	28	185.76	5	-148.04	19
1 Min.	-420	-361.30	5	-9.73	5	-60.02	5	-482.71	18	-40.57	18	-29.23	28	18.74	14	-148.04	19
1 Min.	-419	-361.20	5	-8.79	5	-72.63	5	-482.78	18	-41.22	18	-29.20	28	18.74	14	-146.90	19
1 Max	-558	9.31	5	370.62	5	58.53	5	-1.40	5	15.07	5	20.11	18	146.47	18	-157.86	5
1 Max	-559	8.32	5	380.51	5	31.13	5	16.66	18	19.37	5	8.07	18	146.47	18	-157.24	5
1 Max	-595	11.82	5	382.43	5	26.37	5	-1.50	30	-30.08	5	15.42	18	149.43	18	-157.24	5
1 Max	41	10.84	5	372.54	5	53.77	5	-12.81	5	-34.28	5	27.46	18	149.43	18	-157.86	5
1 Min.	-558	-9.31	5	-370.57	5	-58.54	5	-6.66	14	-25.64	5	-3.07	5	76.93	9	-380.40	18
1 Min.	-559	-8.32	5	-380.47	5	-31.13	5	8.46	9	-18.75	5	-10.73	5	76.93	9	-380.81	18
1 Min.	-595	-11.82	5	-382.39	5	-26.37	5	-4.07	19	-65.08	18	-5.39	5	77.85	9	-380.81	18
1 Min.	41	-10.84	5	-372.49	5	-53.77	5	-27.41	18	-75.03	18	2.19	5	77.85	9	-380.40	18
1 Max	-535	6.11	5	250.29	1	89.08	5	-8.19	34	-177.82	1	18.88	29	1050.36	33	-210.00	1
1 Max	-574	4.15	5	277.64	5	95.66	5	-62.46	1	-185.85	1	-1.37	29	630.56	33	-215.90	1
1 Max	-573	2.52	5	277.42	5	84.89	5	-41.29	1	-124.08	1	21.98	29	341.39	33	-389.23	1
1 Max	-534	2.19	5	250.32	1	93.70	5	33.52	34	-95.39	1	-18.83	5	838.31	33	-337.21	1
1 Min.	-535	-6.11	5	-250.25	1	-89.04	5	-39.57	18	-554.80	18	-39.23	18	291.43	9	-692.66	23
1 Min.	-574	-4.15	5	-277.57	5	-95.62	5	-191.76	33	-583.35	18	-60.62	18	176.55	9	-712.94	23
1 Min.	-573	-2.52	5	-277.35	5	-84.85	5	-114.91	18	-404.93	18	-33.99	18	95.10	5	-1319.63	33
1 Min.	-534	-2.19	5	-250.27	1	-93.66	5	-4.62	13	-316.54	18	-100.74	18	233.75	9	-1132.70	23
1 Max	-650	5.66	5	533.28	5	67.38	5	-2.67	24	-204.28	1	-9.53	5	694.40	18	-404.25	5
1 Max	-689	24.00	5	716.65	5	61.20	5	-98.25	5	-228.64	1	4.55	29	694.40	18	-408.88	5
1 Max	-688	23.43	5	716.58	5	59.24	5	-82.87	5	-135.97	1	-6.23	5	691.90	18	-408.88	5
1 Max	-649	5.10	5	533.20	5	65.42	5	35.78	34	-112.61	1	-17.34	5	691.90	18	-404.25	5
1 Min.	-650	-5.66	5	-533.11	5	-67.35	5	-44.09	18	-656.08	18	-56.98	18	221.43	5	-1232.24	18
1 Min.	-689	-23.99	5	-716.42	5	-61.17	5	-298.17	18	-732.00	18	-20.90	18	221.43	5	-1246.63	18
1 Min.	-688	-23.43	5	-716.35	5	-59.21	5	-248.58	18	-457.02	18	-45.38	18	220.54	5	-1246.63	18
1 Min.	-649	-5.10	5	-533.04	5	-65.39	5	-2.08	5	-384.50							

Relazione di Calcolo – Ponte Torrente Gogna

2	Max	18	-30.37	1	-91.31	9	126.72	1	175.04	33	102.85	33	3.66	1	-180.30	5	-221.60	5
2	Max	-240	-35.59	1	37.06	1	98.00	1	14.32	33	91.65	33	-11.10	1	-180.30	5	-218.06	5
2	Max	-245	-117.34	5	30.86	1	35.67	1	-13.36	9	-19.86	5	-10.80	1	-177.97	5	-218.06	5
2	Max	-244	-123.16	5	-99.12	9	64.27	1	116.68	33	-16.08	5	3.86	1	-177.97	5	-221.60	5
2	Min.	18	-131.86	33	-289.75	33	-70.25	1	56.63	5	32.93	5	-3.90	1	-553.75	33	-691.44	33
2	Min.	-240	-119.00	33	-161.09	33	-85.16	1	3.86	1	28.18	5	-40.83	33	-553.75	33	-680.53	33
2	Min.	-245	-377.70	33	-186.96	33	-266.38	33	-41.99	33	-60.72	33	-35.16	33	-546.42	33	-680.53	33
2	Min.	-244	-390.57	33	-315.62	33	-214.29	1	37.07	5	-52.58	33	-3.33	1	-546.42	33	-691.44	33
2	Max	-221	-118.33	5	30.11	1	36.14	1	-13.38	9	-20.03	5	-10.75	1	358.79	18	444.74	18
2	Max	-222	-123.83	5	-99.16	9	64.80	1	74.64	18	-16.13	9	3.86	1	358.79	18	451.48	18
2	Max	4	-30.06	1	-91.22	9	126.51	1	116.09	18	64.48	18	3.66	1	363.72	18	451.48	18
2	Max	-227	-35.31	1	36.40	1	98.63	1	11.72	18	55.99	18	-11.04	1	363.72	18	444.74	18
2	Min.	-221	-231.77	33	-169.93	1	-229.95	1	-28.46	33	-40.29	18	-26.87	18	179.30	5	219.70	5
2	Min.	-222	-242.09	33	-210.96	18	-214.94	1	37.33	5	-33.69	18	-3.33	1	179.30	5	223.25	5
2	Min.	4	-102.04	18	-197.12	18	-70.01	1	57.61	9	33.24	5	-3.91	1	181.66	5	223.25	5
2	Min.	-227	-91.33	18	-158.31	1	-85.80	1	3.90	1	28.40	5	-29.40	18	181.66	5	219.70	5
2	Max	4	-20.57	1	10.96	13	53.95	1	157.97	33	41.14	18	14.93	18	-334.24	9	13.41	24
2	Max	-228	-30.47	1	340.99	1	71.94	1	-14.22	1	11.93	13	16.87	33	-334.24	9	13.49	24
2	Max	-232	30.44	1	346.97	1	87.27	1	-13.94	24	-1.15	24	-2.89	24	-325.74	9	13.49	24
2	Max	9	26.99	1	20.61	13	70.37	1	168.14	33	23.95	33	-6.15	1	-325.74	9	13.41	24
2	Min.	4	-81.50	18	-16.59	34	-110.45	1	73.92	9	20.45	9	4.63	1	-734.67	33	-25.09	13
2	Min.	-228	-96.56	18	-492.64	1	-192.16	1	-39.35	33	4.76	24	3.19	1	-734.67	33	-24.44	13
2	Min.	-232	-23.86	1	-487.45	1	-128.61	1	-30.58	18	-6.48	13	-13.74	18	-726.08	33	-24.44	13
2	Min.	9	-5.60	1	-9.26	34	-47.99	1	70.18	9	9.51	9	-14.91	18	-726.08	33	-25.09	13
2	Max	-239	-35.31	1	36.72	1	85.12	1	14.32	33	91.65	33	40.83	33	553.75	33	-218.30	5
2	Max	18	-30.07	1	-91.25	9	70.09	1	175.04	33	102.85	33	3.90	1	553.75	33	-221.84	5
2	Max	-244	-123.12	5	-99.12	9	214.71	1	116.68	33	-16.10	5	3.33	1	546.42	33	-221.84	5
2	Max	-243	-117.51	5	30.47	1	266.38	33	-13.35	9	-19.88	5	35.16	33	546.42	33	-218.30	5
2	Min.	-239	-119.00	33	-161.09	33	-97.96	1	3.89	1	28.21	5	11.02	1	180.25	5	-680.53	33
2	Min.	18	-131.86	33	-289.75	33	-126.56	1	56.66	5	32.96	5	-3.66	1	180.25	5	-691.44	33
2	Min.	-244	-390.57	33	-315.62	33	-64.70	1	37.06	5	-52.58	33	-3.86	1	177.91	5	-691.44	33
2	Min.	-243	-377.70	33	-186.96	33	-36.21	1	-41.99	33	-60.72	33	10.73	1	177.91	5	-680.53	33
2	Max	13	26.90	1	9.21	5	48.05	1	237.17	33	31.92	33	20.50	33	-324.98	9	39.99	18
2	Max	-236	30.36	1	347.31	1	129.41	1	-15.43	5	-3.33	5	18.03	18	-324.98	9	38.84	18
2	Max	-240	-30.45	1	341.27	1	192.89	1	-14.19	1	19.40	18	-3.19	1	-333.46	9	38.84	18
2	Max	18	-20.58	1	4.01	5	110.50	1	232.36	33	61.01	33	-4.61	1	-333.46	9	39.99	18
2	Min.	13	-5.48	1	-93.32	24	-70.38	1	70.12	9	9.52	9	6.13	1	-1049.20	33	5.56	24
2	Min.	-236	-23.73	1	-487.55	1	-88.06	1	-44.58	18	-12.10	18	5.69	1	-1049.20	33	4.86	24
2	Min.	-240	-128.94	33	-492.69	1	-72.73	1	-54.57	33	6.26	5	-23.69	33	-1071.67	33	4.86	24
2	Min.	18	-111.48	33	-102.51	24	-54.02	1	73.75	9	20.36	5	-20.54	33	-1071.67	33	5.56	24
2	Max	9	24.72	1	-15.70	5	34.70	1	162.66	33	2.52	34	-5.96	1	-200.90	9	35.51	24
2	Max	-232	68.71	1	728.59	1	82.13	23	-1.65	1	-2.18	1	-1.42	24	-200.90	9	35.15	24
2	Max	-236	68.48	1	728.59	1	50.75	24	3.42	24	-2.18	1	22.67	23	-200.89	9	35.15	24
2	Max	13	24.50	1	-15.72	5	12.38	1	190.60	33	7.31	24	15.89	18	-200.89	9	35.51	24
2	Min.	9	-8.04	1	-112.56	34	-12.32	1	56.67	9	-4.02	13	-15.86	18	-633.19	33	-2.27	5
2	Min.	-232	-29.13	1	-539.13	1	-12.57	1	-25.22	23	-8.74	23	-12.60	18	-633.19	33	-2.25	5
2	Min.	-236	-28.89	1	-539.14	1	-34.41	1	-6.46	1	-7.42	18	5.78	1	-643.67	33	-2.25	5
2	Min.	13	-7.80	1	-112.94	34	-37.17	23	56.68	9	-4.57	13	5.96	1	-643.67	33	-2.27	5
2	Max	-231	68.82	1	729.09	1	12.63	1	-1.67	1	-2.17	1	12.60	18	633.19	33	35.15	24
2	Max	9	24.67	1	-15.67	5	12.38	1	162.66	33	2.52	34	15.86	18	633.19	33	35.51	24
2	Max	13	24.45	1	-15.69	5	37.17	23	190.60	33	7.31	24	-6.00	1	643.67	33	35.51	24
2	Max	-235	68.60	1	729.09	1	34.47	1	3.42	24	-2.17	1	-5.83	1	643.67	33	35.15	24
2	Min.	-231	-29.24	1	-539.63	1	-82.13	23	-25.22	23	-8.74	23	1.42	24	200.85	9	-2.25	5
2	Min.	9	-7.99	1	-112.56	34	-34.76	1	56.64	9	-4.02	13	6.00	1	200.85	9	-2.27	5
2	Min.	13	-7.75	1	-112.94	34	-12.44	1	56.65	9	-4.57	13	-15.89	18	200.84	9	-2.27	5
2	Min.	-235	-29.00	1	-539.64	1	-50.75	24	-6.44	1	-7.42	18	-22.67	23	200.84	9	-2.25	5
2	Max	-227	-30.76	1	340.56	1	191.83	1	-14.14	1	11.93	13	-3.15	1	734.67	33	13.49	24
2	Max	4	-20.32	1	10.96	13	110.29	1	157.97	33	41.14	18	-4.59	1	734.67	33	13.41	24
2	Max	9	26.93	1	20.91	13	48.05	1	168.14	33	23.95	33	14.91	18	726.08	33	13.41	24
2	Max	-231	30.46	1	346.57	1	128.51	1	-13.94	24	-1.15	24	13.74	18	726.08	33	13.49	24
2	Min.	-227	-96.56	18	-492.21	1	-71.61	1	-39.35	33	4.76	24	-16.87	33	334.08	9	-24.44	13
2	Min.	4	-81.50	18	-16.59	34	-53.78	1	73.94	9	20.46	9	-14.93	18	334.08	9	-25.09	13
2	Min.	9	-5.54	1	-9.26	34	-70.43	1	70.13	9	9.50	9	6.19	1	325.62	9	-25.09	13
2	Min.	-231	-23.88	1	-487.05	1	-87.17	1	-30.58	18	-6.48	13	2.89	24	325.62	9	-24.44	13
3	Max	-229	-30.91	1	341.06	1	191.70	1	-14.38	1	12.82	13	-3.11	1	637.36	28	-2.80	29
3	Max	5	-20.44	1	11.07	23	110.32	1	139.77	28	37.40	28	-4.59	1	637.36	28	-3.10	29
3	Max	10	27.29	1	19.86	23	47.89	1	138.06	28	19.43	28	12.62	28	624.15	28	-3.10	29
3	Max	-233	30.84	1	347.06	1	128.72	1	-16.30	9	-3.09	29	14.03	13	624.15	28	-2.80	29
3	Min.	-229	-86.20	28	-492.00	1	-71.25	1	-30.61	28	6.48	5	-13.19	28	336.75	9	-30.14	33
3	Min.	5	-73.57	28	-8.08	29	-54.03	1	74.65	9	20.70	9	-12.64	28	336.75	9	-30.88	33
3	Min.	10	-5.69	1	-1.55	29	-70.22	1	70.26	9	9.48	9	6.24	1	328.26	9	-30.88	33
3	Min.	-233	-24.00	1	-486.79	1	-86.89	1	-30.89	13	-7.41	33	5.85	1	328.26	9	-30.14	33
3	Max	-225	-126.55	5	-98.86	9	214.51	1	69.02	28	-16.17	9	3.35	1	-183.53	9	413.89	28
3	Max	-226	-120.23	5	29.97	1	228.86	1	-13.47	9	-20.37	9	23.87	28	-183.53	9	407.50	28
3	Max	-230	-35.92	1	36.27	1	86.22	1	10.02	28	52.60	13	24.95	28	-185.91	9	407.50	28
3	Max	5	-30.48	1	-90.72	9	70.41	1	105.62	28	62.61	13	3.88	1	-185.91	9	413.89	28
3	Min.	-225	-227.58	28	-184.79	28	-64.44	1	38.26	9	-30.00	28	-3.84	1	-333.19	28	226.16	9
3	Min.	-226	-220.77	13	-170.26	1	-35.54	1	-25.36	28	-37.37	28	10.92	1	-333.19	28	222.42	9
3	Min.	-230	-83															

Relazione di Calcolo – Ponte Torrente Gogna

3	Max	-242	-36.17	1	36.32	1	98.32	1	11.39	28	71.00	28	-11.27	1	-186.76	9	-223.80	9
3	Max	-248	-121.86	9	30.02	1	35.00	1	-13.56	9	-20.47	9	-10.99	1	-184.37	9	-223.80	9
3	Max	-247	-127.77	9	-100.57	9	63.88	1	90.62	28	-16.31	9	3.87	1	-184.37	9	-227.56	9
3	Min.	19	-108.30	28	-215.29	28	-70.30	1	57.90	9	34.65	5	-3.91	1	-435.34	28	-537.32	28
3	Min.	-242	-99.75	28	-157.97	1	-85.66	1	3.90	1	29.50	9	-29.90	28	-435.34	28	-528.68	28
3	Min.	-248	-296.68	28	-169.54	1	-229.31	1	-31.76	28	-48.00	28	-27.87	28	-429.85	28	-528.68	28
3	Min.	-247	-305.23	28	-234.98	28	-214.14	1	38.47	9	-39.17	28	-3.31	1	-429.85	28	-537.32	28
3	Max	-224	-120.46	5	29.59	1	36.08	1	-13.45	9	-20.41	9	-10.84	1	333.19	28	407.50	28
3	Max	-225	-126.44	5	-98.85	9	64.86	1	69.02	28	-16.20	9	3.84	1	333.19	28	413.89	28
3	Max	5	-30.18	1	-90.59	9	126.55	1	105.62	28	62.61	13	3.68	1	337.56	28	413.89	28
3	Max	-229	-35.64	1	35.94	1	99.22	1	10.02	28	52.60	13	-11.06	1	337.56	28	407.50	28
3	Min.	-224	-220.77	13	-169.87	1	-229.41	1	-25.36	28	-37.37	28	-23.87	28	183.36	9	222.80	9
3	Min.	-225	-227.58	28	-184.79	28	-214.93	1	38.24	9	-30.00	28	-3.35	1	183.36	9	226.54	9
3	Min.	5	-91.12	28	-171.15	28	-70.26	1	57.61	9	34.21	5	-3.88	1	185.76	9	226.54	9
3	Min.	-229	-83.79	13	-158.26	1	-86.19	1	3.90	1	29.16	5	-24.95	28	185.76	9	222.80	9
3	Max	14	27.07	1	11.74	33	47.79	1	169.57	28	22.18	28	15.68	28	-330.68	9	34.41	13
3	Max	-238	30.49	1	346.62	1	128.84	1	-16.24	9	-3.60	5	15.75	28	-330.68	9	33.56	13
3	Max	-242	-30.95	1	340.57	1	191.94	1	-14.53	1	15.73	28	-3.23	1	-339.30	9	33.56	13
3	Max	19	-20.95	1	3.68	5	110.79	1	175.25	28	48.08	28	-4.70	1	-339.30	9	34.41	13
3	Min.	14	-5.80	1	-38.96	29	-70.23	1	70.90	9	9.57	9	6.26	1	-774.90	28	11.57	1
3	Min.	-238	-24.08	1	-487.62	1	-87.74	1	-37.35	28	-9.37	28	5.86	1	-774.90	28	11.13	1
3	Min.	-242	-104.37	28	-492.73	1	-71.69	1	-37.49	28	6.55	1	-15.65	28	-795.69	28	11.13	1
3	Min.	19	-90.21	28	-46.78	29	-54.07	1	75.06	9	20.83	9	-15.72	28	-795.69	28	11.57	1
3	Max	-237	30.51	1	346.24	1	87.64	1	-16.27	9	-3.60	5	-5.91	1	774.90	28	33.56	13
3	Max	14	27.01	1	11.74	33	70.29	1	169.57	28	22.18	28	-6.30	1	774.90	28	34.41	13
3	Max	19	-20.71	1	3.68	5	53.91	1	175.25	28	48.08	28	15.72	28	795.69	28	34.41	13
3	Max	-241	-31.24	1	340.16	1	71.37	1	-14.44	1	15.73	28	15.65	28	795.69	28	33.56	13
3	Min.	-237	-24.10	1	-487.20	1	-128.73	1	-37.35	28	-9.37	28	-15.75	28	330.36	9	11.22	1
3	Min.	14	-5.74	1	-38.96	29	-47.85	1	70.79	9	9.56	9	-15.68	28	330.36	9	11.65	1
3	Min.	19	-90.22	28	-46.78	29	-110.63	1	75.13	9	20.84	9	4.66	1	338.90	9	11.65	1
3	Min.	-241	-104.37	28	-492.28	1	-191.61	1	-37.50	28	6.59	1	3.19	1	338.90	9	11.22	1
3	Max	5	-20.69	1	11.07	23	54.18	1	139.77	28	37.40	28	12.64	28	-337.15	9	-3.10	29
3	Max	-230	-30.62	1	341.47	1	71.57	1	-14.47	1	12.82	13	13.19	28	-337.15	9	-2.80	29
3	Max	-234	30.82	1	347.44	1	86.99	1	-16.27	9	-3.09	29	-5.81	1	-328.58	9	-2.80	29
3	Max	10	27.36	1	19.86	23	70.16	1	138.06	28	19.43	28	-6.19	1	-328.58	9	-3.10	29
3	Min.	5	-73.57	28	-8.08	29	-110.48	1	74.58	9	20.68	9	4.64	1	-637.35	28	-30.88	33
3	Min.	-230	-86.19	28	-492.44	1	-192.03	1	-30.61	28	6.47	5	3.15	1	-637.35	28	-30.14	33
3	Min.	-234	-23.98	1	-487.21	1	-128.82	1	-30.89	13	-7.41	33	-14.03	13	-624.15	28	-30.14	33
3	Min.	10	-5.75	1	-1.55	29	-47.83	1	70.36	9	9.49	9	-12.62	28	-624.15	28	-30.88	33
4	Max	-165	-104.63	5	-345.23	1	307.34	1	9.72	1	0.55	1	-2.61	9	22.32	1	0.92	24
4	Max	-166	-66.64	1	-270.37	5	377.90	1	5.59	33	4.37	33	-2.58	1	22.32	1	0.84	24
4	Max	-194	423.49	18	-240.24	5	352.36	1	3.97	33	5.42	18	5.89	33	25.68	1	0.84	24
4	Max	-193	382.34	18	-312.81	1	279.33	1	9.42	1	1.12	1	6.28	33	25.68	1	0.92	24
4	Min.	-165	-199.50	18	-950.14	18	-138.82	1	-4.34	1	-1.19	1	-5.53	18	-45.41	1	-1.98	1
4	Min.	-166	-158.35	18	-538.65	18	-363.74	1	1.83	5	2.05	9	-5.80	33	-45.41	1	-2.10	1
4	Min.	-194	205.56	1	-480.47	18	-311.17	1	1.57	5	2.65	9	2.31	1	-39.87	1	-2.10	1
4	Min.	-193	192.68	5	-891.96	18	-83.78	1	-3.46	1	-0.52	1	2.52	1	-39.87	1	-1.98	1
4	Max	-194	331.40	18	-719.38	5	279.96	1	2.21	33	-0.33	1	-1.37	1	-3.64	1	53.96	18
4	Max	-195	505.14	18	336.05	18	832.73	18	9.51	1	5.11	18	-3.20	9	-3.64	1	53.08	18
4	Max	-223	-99.48	5	266.27	18	660.77	33	2.94	1	-5.89	5	3.74	18	-0.01	1	53.08	18
4	Max	-222	-189.13	5	-755.15	5	4.63	1	0.88	1	-9.16	5	5.48	33	-0.01	1	53.96	18
4	Min.	-194	155.29	1	-1401.41	18	-321.15	1	-0.01	1	-1.51	33	-5.32	33	-55.86	1	19.48	1
4	Min.	-195	253.00	5	114.85	1	276.41	1	-1.80	1	1.56	1	-7.07	33	-55.86	1	18.97	1
4	Min.	-223	-195.38	33	72.65	1	292.94	1	-1.72	1	-11.81	18	1.55	1	-49.51	1	18.97	1
4	Min.	-222	-366.44	18	-1471.19	18	-321.87	1	-3.57	1	-18.62	18	0.96	1	-49.51	1	19.48	1
4	Max	-193	505.14	18	336.05	18	-273.71	1	9.53	1	5.11	18	7.07	33	56.03	1	53.08	18
4	Max	-194	331.40	18	-719.47	5	321.03	1	2.21	33	-0.33	1	5.32	33	56.03	1	53.96	18
4	Max	-222	-189.10	5	-755.14	5	320.99	1	0.89	1	-9.15	5	-0.94	1	49.65	1	53.96	18
4	Max	-221	-99.32	5	266.27	18	-291.18	1	2.94	1	-5.89	5	-1.54	1	49.65	1	53.08	18
4	Min.	-193	252.60	5	116.05	1	-832.73	18	-1.82	1	1.54	1	3.19	9	3.47	1	18.80	1
4	Min.	-194	154.27	1	-1401.41	18	-279.84	1	-0.02	1	-1.51	33	1.39	1	3.47	1	19.31	1
4	Min.	-222	-366.44	18	-1471.19	18	-3.74	1	-3.58	1	-18.62	18	-5.48	33	-0.13	1	19.31	1
4	Min.	-221	-195.38	33	73.62	1	-660.77	33	-1.73	1	-11.81	18	-3.74	18	-0.13	1	18.80	1
4	Max	-13	-48.30	5	-482.97	5	335.35	1	0.74	1	1.17	33	0.23	1	7.32	1	6.42	33
4	Max	-14	41.82	1	418.19	1	177.43	1	0.54	1	1.06	33	0.11	1	7.32	1	6.56	33
4	Max	-83	55.62	1	419.51	1	446.36	1	1.00	1	-0.19	1	0.07	1	5.13	1	6.56	33
4	Max	-82	56.04	1	-477.57	5	605.78	1	-0.17	5	-0.27	1	-0.05	1	5.13	1	6.42	33
4	Min.	-13	-106.32	33	-1063.18	33	-331.36	1	-0.45	1	0.26	5	-0.09	1	-4.75	1	0.57	1
4	Min.	-14	-175.58	1	-1755.82	1	-147.29	1	-0.59	1	0.25	5	-0.19	1	-4.75	1	0.58	1
4	Min.	-83	-49.50	1	-1743.15	1	-439.96	1	-1.44	1	-1.24	33	-0.50	1	-5.93	1	0.58	1
4	Min.	-82	-46.34	1	-1052.08	33	-625.55	1	-0.61	18	-1.07	33	-0.16	1	-5.93	1	0.57	1
4	Max	-166	-66.10	1	-270.29	5	363.79	1	5.59	33	4.37	33	5.80	33	45.47	1	0.84	24
4	Max	-167	-104.51	5	-348.09	1	139.28	1	9.71	1	0.55	1	5.53	18	45.47	1	0.92	24
4	Max	-195	382.34	18	-315.49	1	84.32	1	9.40	1	1.12	1	-2.51	1	39.91	1	0.92	24
4	Max	-194	423.49	18	-240.15	5	311.29	1	3.97	33	5.42	18	-2.29	1	39.91	1	0.84	24
4	Min.	-166	-158.35	18	-538.65	18	-377.94	1	1.83	5	2.05	9	2.59	1	-22.38	1	-2.10	1
4	Min.	-167	-199.50	18	-950.14	18	-307.81	1	-4.33	1	-1.19	1	2.61	9	-22.38	1	-1.98	1
4	Min.	-195	192.90	5	-891.96	18	-279.87	1	-3.44	1	-0.52	1	-6.28	33	-25.72	1	-1.98	1
4	Min.	-194	206.84	1	-480.47	18	-352.48	1	1.57	5	2.65	9	-5.89	33	-25.72	1	-2.10	1

Relazione di Calcolo – Ponte Torrente Gogna

4 Max	-167	-97.28	5	-202.04	1	238.85	1	9.25	1	2.54	18	6.67	18	18.13	1	-5.39	1
4 Max	-166	-88.89	1	-464.32	5	417.50	1	5.55	33	-1.45	5	4.48	18	18.13	1	-5.14	1
4 Min.	-138	14.65	1	-895.79	18	-472.97	1	-0.60	5	-4.30	18	-4.41	18	-47.81	1	-14.29	33
4 Min.	-139	41.45	5	-798.03	18	-234.59	1	-5.92	1	0.08	1	-2.22	18	-47.81	1	-14.78	18
4 Min.	-167	-186.96	18	-824.78	18	-192.89	1	-4.35	1	0.47	1	3.00	1	-44.42	1	-14.78	18
4 Min.	-166	-196.74	18	-922.54	18	-431.66	1	1.76	1	-3.11	18	2.10	9	-44.42	1	-14.29	33
4 Max	-110	32.43	1	-445.24	5	518.75	1	3.35	33	3.57	33	2.59	18	35.68	1	12.34	18
4 Max	-111	12.57	1	-112.84	1	293.56	1	5.67	1	-0.12	1	1.50	33	35.68	1	13.18	1
4 Max	-139	73.83	18	-108.33	1	253.90	1	6.03	1	-0.42	1	-1.33	1	33.35	1	13.18	1
4 Max	-138	73.93	1	-441.46	5	478.93	1	1.33	34	1.78	18	-1.21	1	33.35	1	12.34	18
4 Min.	-110	-29.98	1	-917.01	33	-493.30	1	0.88	1	1.45	1	1.20	9	-12.49	1	-0.20	1
4 Min.	-111	-6.28	1	-977.23	1	-270.99	1	-3.30	1	-0.49	18	-0.00	1	-12.49	1	0.25	1
4 Min.	-139	29.87	1	-973.11	1	-260.48	1	-5.35	1	-2.53	33	-3.85	18	-14.28	1	0.25	1
4 Min.	-138	14.79	1	-910.82	33	-482.62	1	-0.71	1	0.65	1	-2.65	18	-14.28	1	-0.20	1
4 Max	-82	61.85	1	-446.78	5	543.51	1	0.56	1	-0.56	1	-0.31	1	11.64	1	-1.27	1
4 Max	-83	22.05	1	60.79	1	248.54	1	2.03	1	0.06	1	0.70	1	11.64	1	-1.39	1
4 Max	-111	29.21	1	61.77	1	265.00	1	4.92	1	1.56	18	2.85	33	12.90	1	-1.39	1
4 Max	-110	29.46	1	-447.60	5	560.40	1	3.05	33	0.27	1	1.14	33	12.90	1	-1.27	1
4 Min.	-82	-41.79	1	-960.19	33	-563.28	1	-1.41	1	-1.64	33	-1.11	33	-20.87	1	-13.49	33
4 Min.	-83	-0.72	1	-1232.37	1	-323.09	1	-2.38	1	-0.32	1	-0.29	1	-20.87	1	-13.72	33
4 Min.	-111	-31.30	1	-1235.70	1	-294.32	1	-2.39	1	0.12	1	0.66	1	-18.70	1	-13.72	33
4 Min.	-110	-32.82	1	-961.38	33	-534.95	1	0.68	1	-0.20	1	0.54	9	-18.70	1	-13.49	33
4 Max	-137	80.53	18	-184.30	1	234.74	1	6.87	1	1.22	33	2.22	18	47.90	1	-5.35	1
4 Max	-138	74.11	1	-450.40	5	472.96	1	1.01	24	-2.01	9	4.41	18	47.90	1	-5.11	1
4 Max	-166	-89.54	1	-464.39	5	431.62	1	5.55	33	-1.46	5	-2.10	9	44.49	1	-5.11	1
4 Max	-165	-97.23	5	-199.82	1	193.02	1	9.27	1	2.54	18	-2.98	1	44.49	1	-5.35	1
4 Min.	-137	41.47	5	-798.03	18	-291.16	1	-5.92	1	0.08	1	0.82	1	-16.24	1	-14.78	18
4 Min.	-138	14.41	1	-895.79	18	-469.26	1	-0.60	5	-4.30	18	2.05	9	-16.24	1	-14.29	33
4 Min.	-166	-196.74	18	-922.54	18	-417.46	1	1.74	1	-3.11	18	-4.48	18	-18.20	1	-14.29	33
4 Min.	-165	-186.96	18	-824.78	18	-238.98	1	-4.37	1	0.46	1	-6.67	18	-18.20	1	-14.78	18
5 Max	-85	61.78	1	-480.57	5	543.39	1	0.56	1	-0.56	1	-0.32	1	11.57	1	-1.19	1
5 Max	-86	21.87	1	52.92	1	247.78	1	2.04	1	0.06	1	0.71	1	11.57	1	-1.31	1
5 Max	-114	29.28	1	53.87	1	264.79	1	4.96	1	1.53	1	2.46	28	12.86	1	-1.31	1
5 Max	-113	29.52	1	-481.71	5	560.28	1	2.48	28	0.27	1	1.03	28	12.86	1	-1.19	1
5 Min.	-85	-41.72	1	-892.48	28	-563.19	1	-1.42	1	-1.45	28	-0.99	28	-20.82	1	-11.53	1
5 Min.	-86	-0.55	1	-1224.24	1	-322.36	1	-2.39	1	-0.31	1	-0.31	1	-20.82	1	-11.88	1
5 Min.	-114	-31.41	1	-1227.54	1	-294.10	1	-2.43	1	0.11	1	0.64	1	-18.66	1	-11.88	1
5 Min.	-113	-32.91	1	-893.82	28	-534.82	1	0.64	1	-0.21	1	0.55	9	-18.66	1	-11.53	1
5 Max	-141	73.95	1	-473.99	5	469.15	1	0.60	9	-2.04	9	-2.07	9	16.00	1	-5.17	1
5 Max	-142	79.97	13	-191.68	1	291.27	1	6.91	1	1.14	1	-0.82	1	16.00	1	-5.41	1
5 Max	-170	-100.85	5	-207.45	1	238.76	1	9.30	1	2.25	28	5.95	28	18.00	1	-5.41	1
5 Max	-169	-90.54	1	-488.51	5	417.23	1	4.47	28	-1.50	1	4.03	28	18.00	1	-5.17	1
5 Min.	-141	14.77	1	-843.87	28	-472.84	1	-0.65	9	-3.85	28	-3.95	28	-47.68	1	-12.51	28
5 Min.	-142	42.64	5	-788.96	1	-234.54	1	-5.97	1	0.08	1	-2.03	13	-47.68	1	-13.01	28
5 Min.	-170	-182.10	13	-806.75	1	-192.54	1	-4.41	1	0.46	1	3.05	1	-44.30	1	-13.01	28
5 Min.	-169	-192.99	13	-869.41	28	-431.42	1	1.63	9	-2.83	28	2.12	9	-44.30	1	-12.51	28
5 Max	-140	79.97	13	-189.56	1	234.69	1	6.92	1	1.14	1	2.03	13	47.77	1	-5.37	1
5 Max	-141	74.20	1	-474.23	5	472.81	1	0.60	9	-2.04	9	3.95	28	47.77	1	-5.13	1
5 Max	-169	-91.21	1	-488.74	5	431.36	1	4.47	28	-1.51	1	-2.12	9	44.37	1	-5.13	1
5 Max	-168	-100.72	5	-205.25	1	192.65	1	9.31	1	2.25	28	-3.03	1	44.37	1	-5.37	1
5 Min.	-140	42.70	5	-791.10	1	-291.43	1	-5.97	1	0.08	1	0.83	1	-16.09	1	-13.01	28
5 Min.	-141	14.53	1	-843.87	28	-469.16	1	-0.65	9	-3.85	28	2.07	9	-16.09	1	-12.51	28
5 Min.	-169	-192.99	13	-869.41	28	-417.20	1	1.63	9	-2.83	28	-4.03	28	-18.07	1	-12.51	28
5 Min.	-168	-182.10	13	-808.99	1	-238.89	1	-4.42	1	0.45	1	-5.95	28	-18.07	1	-13.01	28
5 Max	-112	12.58	1	-117.47	1	270.58	1	5.72	1	-0.13	1	0.02	1	12.48	1	13.08	1
5 Max	-113	32.41	1	-472.19	5	493.23	1	2.76	28	3.19	28	-1.20	9	12.48	1	12.20	1
5 Max	-141	74.38	1	-468.38	5	482.46	1	1.28	1	1.66	13	2.39	28	14.23	1	12.20	1
5 Max	-140	73.45	13	-112.99	1	260.35	1	6.07	1	-0.44	1	3.45	28	14.23	1	13.08	1
5 Min.	-112	-6.33	1	-972.38	1	-293.20	1	-3.35	1	-0.43	28	-1.48	1	-35.70	1	0.37	1
5 Min.	-113	-30.00	1	-857.17	28	-518.72	1	0.84	9	1.48	1	-2.33	28	-35.70	1	-0.09	1
5 Min.	-141	14.59	1	-850.81	28	-478.81	1	-0.76	1	0.64	1	1.22	1	-33.31	1	-0.09	1
5 Min.	-140	30.29	1	-968.21	1	-253.82	1	-5.40	1	-2.21	28	1.37	1	-33.31	1	0.37	1
5 Max	-196	474.51	13	311.95	28	-277.26	1	9.54	1	4.58	28	6.23	28	55.95	1	48.12	28
5 Max	-197	310.13	13	-741.60	5	320.99	1	1.83	1	-0.34	1	4.76	28	55.95	1	48.96	28
5 Max	-225	-194.04	5	-778.24	5	320.48	1	0.87	1	-9.21	9	-0.94	1	49.59	1	48.96	28
5 Max	-224	-101.02	5	246.25	28	-295.95	1	2.94	1	-6.02	5	-1.57	1	49.59	1	48.12	28
5 Min.	-196	258.12	5	117.47	1	-778.39	13	-1.84	1	1.55	1	3.17	9	3.59	1	18.91	1
5 Min.	-197	156.78	1	-1331.93	13	-280.30	1	-0.03	1	-1.26	28	1.39	1	3.59	1	19.42	1
5 Min.	-225	-349.62	13	-1397.91	13	-2.47	1	-3.56	1	-17.03	28	-4.91	28	-0.05	1	19.42	1
5 Min.	-224	-185.24	13	74.52	1	-589.13	28	-1.73	1	-10.87	28	-3.43	28	-0.05	1	18.91	1
5 Max	-17	40.95	1	409.51	1	147.81	1	0.54	1	0.93	28	0.19	1	4.74	1	6.32	1
5 Max	-18	-52.26	5	-522.64	5	331.33	1	0.74	1	1.04	28	0.09	1	4.74	1	6.07	1
5 Max	-85	56.10	1	-516.81	5	625.40	1	-0.17	9	-0.27	1	0.16	13	5.94	1	6.07	1
5 Max	-84	55.72	1	410.91	1	439.73	1	1.01	1	-0.20	1	0.50	1	5.94	1	6.32	1
5 Min.	-17	-174.69	1	-1746.86	1	-178.01	1	-0.59	1	0.32	5	-0.11	1	-7.32	1	0.64	1
5 Min.	-18	-98.29	28	-982.87	28	-335.33	1	-0.45	1	0.33	5	-0.23	1	-7.32	1	0.63	1
5 Min.	-85	-46.41	1	-972.48	28	-605.63	1	-0.63	13	-0.88	28	0.05	1	-5.14	1	0.63	1
5 Min.	-84	-49.60	1	-1734.27	1	-446.16	1	-1.46	1	-1.05	28	-0.07	1	-5.14	1	0.64	1
5 Max	-197	310.13	13	-741.32	5	280.40	1	1.83	1	-0.33	1	-1.38	1	-3.76	1	48.96	28
5 Max	-198	474.51	13	311.96	28	778.37	13	9.52	1	4.58	28	-3.17	9	-3.76	1	48.12	28
5 Max	-226	-101.21	5	246.26	28	589.12	28	2.94	1	-6.01	5	3.43	28	-0.09	1	48.12	28
5 Max	-225	-194.15	5	-778.25	5	3.35	1	0.87	1	-9.22	9	4.91	28	-0.09	1	48.96	28
5 Min.	-197	157.86	1	-1331.93	13	-321.11	1	-0.03	1	-1.26	28	-4.76	28	-55.78	1	19.	

Relazione di Calcolo – Ponte Torrente Gogna

5 Max	-112	29.28	1	56.20	1	294.03	1	4.97	1	1.54	1	-0.64	1	18.68	1	-1.28	1
5 Min.	-84	-0.53	1	-1226.62	1	-247.60	1	-2.39	1	-0.31	1	-0.71	1	-11.60	1	-11.91	1
5 Min.	-85	-41.75	1	-892.48	28	-543.36	1	-1.42	1	-1.45	28	0.31	1	-11.60	1	-11.56	1
5 Min.	-113	-32.91	1	-893.82	28	-560.37	1	0.63	1	-0.21	1	-1.03	28	-12.87	1	-11.56	1
5 Min.	-112	-31.42	1	-1229.91	1	-264.73	1	-2.44	1	0.11	1	-2.46	28	-12.87	1	-11.91	1
5 Max	-169	-67.21	1	-282.48	5	363.51	1	4.49	28	3.92	28	5.18	28	45.49	1	0.21	1
5 Max	-170	-107.32	5	-353.73	1	138.43	1	9.75	1	0.55	1	4.95	28	45.49	1	0.29	1
5 Max	-198	358.55	13	-320.72	1	83.93	1	9.41	1	1.12	1	-2.51	1	39.85	1	0.29	1
5 Max	-197	399.59	13	-251.35	5	311.73	1	3.32	28	4.94	28	-2.31	1	39.85	1	0.21	1
5 Min.	-169	-155.69	13	-500.19	28	-377.70	1	1.71	9	2.05	9	2.63	1	-22.38	1	-2.14	1
5 Min.	-170	-196.73	13	-903.26	13	-307.50	1	-4.38	1	-1.19	1	2.64	9	-22.38	1	-2.02	1
5 Min.	-198	197.39	5	-847.73	13	-279.53	1	-3.46	1	-0.52	1	-5.49	28	-25.65	1	-2.02	1
5 Min.	-197	210.72	1	-445.47	28	-352.44	1	1.52	9	2.66	9	-5.27	28	-25.65	1	-2.14	1
5 Max	-113	32.42	1	-471.93	5	518.63	1	2.76	28	3.19	28	2.33	28	35.76	1	12.23	1
5 Max	-114	12.59	1	-119.72	1	293.13	1	5.71	1	-0.13	1	1.48	1	35.76	1	13.11	1
5 Max	-142	73.45	13	-115.21	1	253.85	1	6.07	1	-0.43	1	-1.35	1	33.37	1	13.11	1
5 Max	-141	74.12	1	-468.14	5	478.81	1	1.28	1	1.66	13	-1.22	9	33.37	1	12.23	1
5 Min.	-113	-30.01	1	-857.17	28	-493.17	1	0.84	9	1.47	1	1.20	9	-12.54	1	-0.12	1
5 Min.	-114	-6.34	1	-970.10	1	-270.53	1	-3.35	1	-0.43	28	-0.01	1	-12.54	1	0.33	1
5 Min.	-142	30.02	1	-965.96	1	-260.39	1	-5.40	1	-2.21	28	-3.45	28	-14.28	1	0.33	1
5 Min.	-141	14.85	1	-850.81	28	-482.49	1	-0.76	1	0.65	1	-2.39	28	-14.28	1	-0.12	1
6 Max	-107	61.88	1	-480.98	5	543.77	1	0.56	1	-0.56	1	-0.31	1	11.60	1	-1.21	1
6 Max	-106	21.95	1	55.15	1	247.76	1	2.04	1	0.06	1	0.71	1	11.60	1	-1.34	1
6 Max	-134	29.56	1	56.11	1	264.43	1	4.97	1	1.59	28	2.69	28	12.87	1	-1.34	1
6 Max	-135	29.68	1	-482.00	5	560.16	1	2.66	28	0.27	1	1.21	28	12.87	1	-1.21	1
6 Min.	-107	-41.83	1	-1156.28	28	-563.52	1	-1.41	1	-1.56	28	-1.13	28	-20.83	1	-11.88	28
6 Min.	-106	-0.63	1	-1226.87	1	-322.29	1	-2.39	1	-0.32	1	-0.31	1	-20.83	1	-12.44	28
6 Min.	-134	-31.60	1	-1230.16	1	-293.73	1	-2.43	1	0.12	1	0.65	1	-18.67	1	-12.44	28
6 Min.	-135	-32.99	1	-1158.64	28	-534.67	1	0.66	1	-0.21	1	0.55	9	-18.67	1	-11.88	28
6 Max	-135	32.73	1	-473.35	5	518.50	1	2.97	28	3.64	28	2.62	28	35.55	1	12.17	1
6 Max	-134	12.95	1	-117.91	1	293.27	1	5.73	1	-0.12	1	1.49	28	35.55	1	13.05	1
6 Max	-162	98.98	28	-113.41	1	254.07	1	6.07	1	-0.44	1	-1.37	1	33.26	1	13.05	1
6 Max	-163	95.72	28	-469.47	5	478.80	1	1.26	1	2.18	28	-1.23	1	33.26	1	12.17	1
6 Min.	-135	-30.23	1	-1117.89	28	-493.02	1	0.87	9	1.48	1	1.21	9	-12.36	1	-0.05	1
6 Min.	-134	-6.60	1	-1085.23	28	-270.65	1	-3.36	1	-0.41	13	-0.01	1	-12.36	1	0.39	1
6 Min.	-162	30.80	1	-1075.52	28	-260.65	1	-5.40	1	-2.29	28	-3.87	28	-14.18	1	0.39	1
6 Min.	-163	15.05	1	-1108.18	28	-482.52	1	-0.74	1	0.66	1	-2.74	28	-14.18	1	-0.05	1
6 Max	-69	40.75	1	407.52	1	147.47	1	0.54	1	1.12	28	0.19	1	4.78	1	6.41	28
6 Max	-68	-52.16	5	-521.62	5	331.33	1	0.74	1	1.24	28	0.09	1	4.78	1	6.08	28
6 Max	-107	56.04	1	-515.41	5	625.85	1	-0.17	9	-0.27	1	0.21	28	5.91	1	6.08	28
6 Max	-108	55.51	1	408.94	1	439.43	1	1.00	1	-0.20	1	0.50	1	5.91	1	6.41	28
6 Min.	-69	-174.52	1	-1745.22	1	-177.61	1	-0.59	1	0.32	5	-0.11	1	-7.34	1	0.67	1
6 Min.	-68	-124.86	28	-1248.58	28	-335.31	1	-0.45	1	0.34	5	-0.23	1	-7.34	1	0.66	1
6 Min.	-107	-46.35	1	-1235.06	28	-606.07	1	-0.77	28	-0.82	28	0.04	1	-5.13	1	0.66	1
6 Min.	-108	-49.39	1	-1732.65	1	-445.81	1	-1.45	1	-1.06	28	-0.07	1	-5.13	1	0.67	1
6 Max	-136	12.95	1	-120.15	1	270.60	1	5.72	1	-0.12	1	0.00	1	12.42	1	13.09	1
6 Max	-135	32.74	1	-473.09	5	492.96	1	2.97	28	3.64	28	-1.21	9	12.42	1	12.20	1
6 Max	-163	95.71	28	-469.24	5	482.55	1	1.26	1	2.18	28	2.74	28	14.23	1	12.20	1
6 Max	-164	98.98	28	-115.63	1	260.69	1	6.07	1	-0.44	1	3.87	28	14.23	1	13.09	1
6 Min.	-136	-6.61	1	-1085.19	28	-293.20	1	-3.35	1	-0.41	13	-1.49	28	-35.61	1	0.36	1
6 Min.	-135	-30.24	1	-1117.89	28	-518.41	1	0.87	1	1.47	1	-2.62	28	-35.61	1	-0.08	1
6 Min.	-163	15.31	1	-1108.19	28	-478.80	1	-0.74	1	0.67	1	1.23	9	-33.31	1	-0.08	1
6 Min.	-164	30.53	1	-1075.49	28	-254.09	1	-5.39	1	-2.29	28	1.36	1	-33.31	1	0.36	1
6 Max	-163	93.11	28	-476.82	5	469.14	1	0.58	9	-2.04	9	-2.08	9	16.07	1	-5.16	1
6 Max	-162	108.33	28	-190.40	1	291.23	1	6.92	1	1.22	28	-0.83	1	16.07	1	-5.40	1
6 Max	-190	-101.29	5	-206.11	1	238.62	1	9.31	1	2.42	28	7.00	28	18.05	1	-5.40	1
6 Max	-191	-91.17	1	-491.51	5	417.30	1	5.21	28	-1.50	1	4.70	28	18.05	1	-5.16	1
6 Min.	-163	14.83	1	-1134.22	28	-472.87	1	-0.63	9	-4.44	28	-4.58	28	-47.73	1	-14.08	28
6 Min.	-162	43.95	9	-982.01	28	-235.02	1	-5.97	1	0.08	1	-2.28	28	-47.73	1	-14.89	28
6 Min.	-190	-244.35	28	-1017.28	28	-192.74	1	-4.40	1	0.46	1	3.04	1	-44.36	1	-14.89	28
6 Min.	-191	-259.57	28	-1169.49	28	-431.35	1	1.70	9	-3.53	28	2.12	9	-44.36	1	-14.08	28
6 Max	-192	-108.13	5	-355.08	1	306.12	1	9.75	1	0.55	1	-2.64	9	22.32	1	0.32	1
6 Max	-191	-67.10	1	-284.05	5	377.69	1	5.22	28	4.81	28	-2.65	1	22.32	1	0.25	1
6 Max	-219	535.07	28	-252.54	5	352.00	1	4.04	28	6.16	28	6.16	28	25.62	1	0.25	1
6 Max	-220	479.82	28	-321.98	1	279.02	1	9.40	1	1.11	1	6.29	28	25.62	1	0.32	1
6 Min.	-192	-262.87	28	-1202.48	28	-137.96	1	-4.36	1	-1.19	1	-5.91	28	-45.42	1	-2.05	1
6 Min.	-191	-207.62	28	-650.00	28	-363.61	1	1.77	9	2.07	9	-6.04	28	-45.42	1	-2.18	1
6 Min.	-219	211.53	1	-575.73	28	-310.42	1	1.58	9	2.69	9	2.32	1	-39.84	1	-2.18	1
6 Min.	-220	199.46	9	-1128.21	28	-83.36	1	-3.43	1	-0.51	1	2.54	1	-39.84	1	-2.05	1
6 Max	-164	108.34	28	-192.51	1	234.87	1	6.91	1	1.22	28	2.28	28	47.64	1	-5.44	1
6 Max	-163	93.11	28	-476.58	5	472.90	1	0.58	9	-2.04	9	4.58	28	47.64	1	-5.20	1
6 Max	-191	-90.50	1	-491.28	5	431.41	1	5.21	28	-1.50	1	-2.13	9	44.29	1	-5.20	1
6 Max	-192	-101.41	5	-208.32	1	192.62	1	9.29	1	2.42	28	-3.06	1	44.29	1	-5.44	1
6 Min.	-164	43.89	9	-981.98	28	-291.07	1	-5.97	1	0.08	1	0.82	1	-15.98	1	-14.89	28
6 Min.	-163	15.07	1	-1134.22	28	-469.14	1	-0.63	9	-4.44	28	2.08	9	-15.98	1	-14.08	28
6 Min.	-191	-259.57	28	-1169.49	28	-417.33	1	1.70	9	-3.53	28	-4.70	28	-17.98	1	-14.08	28
6 Min.	-192	-244.35	28	-1017.25	28	-238.49	1	-4.39	1	0.47	1	-7.00	28	-17.98	1	-14.89	28
6 Max	-108	21.97	1	52.83	1	322.48	1	2.04	1	0.06	1	0.31	1	20.80	1	-1.38	1
6 Max	-107	61.86	1	-480.60	5	563.58	1	0.56	1	-0.56	1	1.13	28	20.80	1	-1.25	1
6 Max	-135	29.68	1	-481.74	5	534.61	1	2.66	28	0.27	1	-0.55	9	18.66	1	-1.25	1
6 Max	-136	29.56	1	53.78	1	293.80	1	4.96	1	1.59	28	-0.65	1	18.66	1	-1.38	1
6 Min.	-108	-0.65	1	-1224.50	1	-247.93	1	-2.39	1	-0.32	1	-0.71	1	-11.58	1	-12.44	28
6 Min.	-107	-41.81	1	-1156.28	28	-543.80	1	-1.41	1	-1.56	28	0.32	1	-11.58	1		

Relazione di Calcolo – Ponte Torrente Gogna

6 Min.	-191	-207.62	28	-650.00	28	-377.64	1	1.77	9	2.07	9	2.63	1	-22.26	1	-2.17	1
6 Min.	-190	-262.87	28	-1202.50	28	-305.65	1	-4.38	1	-1.18	1	2.64	9	-22.26	1	-2.05	1
6 Min.	-218	199.11	9	-1128.23	28	-278.48	1	-3.45	1	-0.51	1	-6.29	28	-25.58	1	-2.05	1
6 Min.	-219	210.13	1	-575.73	28	-351.87	1	1.58	9	2.69	9	-6.16	28	-25.58	1	-2.17	1
6 Max	-68	-52.16	5	-521.62	5	335.33	1	0.74	1	1.24	28	0.23	1	7.34	1	6.08	28
6 Max	-67	41.00	1	409.99	1	177.68	1	0.54	1	1.12	28	0.11	1	7.34	1	6.41	28
6 Max	-106	55.50	1	411.39	1	445.84	1	1.00	1	-0.21	1	0.07	1	5.13	1	6.41	28
6 Max	-107	56.05	1	-515.80	5	606.05	1	-0.17	9	-0.27	1	-0.04	1	5.13	1	6.08	28
6 Min.	-68	-124.86	28	-1248.58	28	-331.33	1	-0.45	1	0.34	5	-0.09	1	-4.77	1	0.67	1
6 Min.	-67	-174.78	1	-1747.76	1	-147.54	1	-0.59	1	0.32	5	-0.19	1	-4.77	1	0.68	1
6 Min.	-106	-49.38	1	-1735.16	1	-439.44	1	-1.45	1	-1.06	28	-0.50	1	-5.91	1	0.68	1
6 Min.	-107	-46.37	1	-1235.06	28	-625.79	1	-0.77	28	-0.82	28	-0.21	28	-5.91	1	0.67	1
7 Max	-64	41.79	1	417.89	1	147.01	1	0.54	1	1.44	33	0.19	1	4.78	1	7.73	33
7 Max	-63	-48.38	5	-483.82	5	331.36	1	0.74	1	1.57	33	0.09	1	4.78	1	7.29	33
7 Max	-104	56.00	1	-478.42	5	625.82	1	-0.17	5	-0.27	1	0.25	18	5.91	1	7.29	33
7 Max	-105	55.41	1	419.21	1	439.84	1	0.99	1	-0.20	1	0.50	1	5.91	1	7.73	33
7 Min.	-64	-175.47	1	-1754.70	1	-177.15	1	-0.59	1	0.25	5	-0.10	1	-7.35	1	0.62	1
7 Min.	-63	-160.89	33	-1608.85	33	-335.34	1	-0.45	1	0.27	5	-0.23	1	-7.35	1	0.61	1
7 Min.	-104	-46.32	1	-1591.34	33	-606.05	1	-0.92	18	-0.96	33	0.05	1	-5.12	1	0.61	1
7 Min.	-105	-49.29	1	-1742.04	1	-446.23	1	-1.44	1	-1.26	33	-0.07	1	-5.12	1	0.62	1
7 Max	-217	814.50	33	547.20	33	-275.01	1	11.00	33	7.01	33	9.27	33	76.60	33	81.13	33
7 Max	-216	534.08	33	-715.01	5	320.40	1	2.94	33	-0.33	1	6.75	33	76.60	33	82.62	33
7 Max	-244	-187.95	5	-750.54	5	419.62	33	0.88	1	-9.11	5	-0.96	1	62.99	33	82.62	33
7 Max	-245	-98.90	5	434.19	33	-291.80	1	2.94	1	-5.85	5	-1.54	1	62.99	33	81.13	33
7 Min.	-217	251.21	5	114.30	1	-1296.97	33	-1.78	1	1.55	1	3.20	9	3.64	1	18.96	1
7 Min.	-216	154.91	1	-2256.97	33	-279.23	1	-0.00	1	-1.46	18	1.37	1	3.64	1	19.47	1
7 Min.	-244	-696.01	33	-2369.98	33	-5.07	1	-3.58	33	-27.89	33	-7.01	33	0.02	1	19.47	1
7 Min.	-245	-315.59	33	72.18	1	-941.93	33	-1.72	1	-18.96	33	-4.57	18	0.02	1	18.96	1
7 Max	-189	-102.30	5	-347.32	1	307.43	1	9.69	1	0.55	1	-2.59	9	22.44	1	0.28	1
7 Max	-188	-65.46	1	-269.94	5	377.95	1	7.19	33	6.22	33	-2.59	1	22.44	1	0.21	1
7 Max	-216	685.39	33	-239.99	5	351.73	1	5.63	33	7.81	33	7.71	33	25.73	1	0.21	1
7 Max	-217	615.63	33	-314.80	1	279.68	1	9.39	1	1.12	1	7.88	33	25.73	1	0.28	1
7 Min.	-189	-331.33	33	-1536.15	33	-139.08	1	-4.32	1	-1.19	1	-7.38	33	-45.52	1	-2.35	18
7 Min.	-188	-261.57	33	-838.54	33	-363.82	1	1.98	9	2.06	9	-7.55	33	-45.52	1	-2.61	18
7 Min.	-216	206.34	1	-743.84	33	-310.56	1	1.63	9	2.64	9	2.29	1	-39.93	1	-2.61	18
7 Min.	-217	191.41	5	-1441.45	33	-84.29	1	-3.43	1	-0.51	1	2.52	1	-39.93	1	-2.35	18
7 Max	-105	24.64	23	60.82	1	323.06	1	2.03	1	0.06	1	0.29	1	20.87	1	-1.45	1
7 Max	-104	61.89	1	-447.48	5	563.55	1	0.55	1	-0.55	1	1.37	33	20.87	1	-1.32	1
7 Max	-132	29.58	1	-448.31	5	534.87	1	3.39	33	0.27	1	-0.54	9	18.68	1	-1.32	1
7 Max	-133	29.44	1	61.80	1	294.09	1	4.92	1	1.92	33	-0.66	1	18.68	1	-1.45	1
7 Min.	-105	-0.76	1	-1489.96	33	-248.54	1	-2.38	1	-0.32	1	-0.70	1	-11.64	1	-15.10	33
7 Min.	-104	-41.84	1	-1502.76	33	-543.77	1	-1.40	1	-1.85	33	0.31	1	-11.64	1	-14.35	33
7 Min.	-132	-32.93	1	-1505.90	33	-560.32	1	0.70	1	-0.20	1	-1.48	33	-12.88	1	-14.35	33
7 Min.	-133	-31.52	1	-1493.10	33	-264.79	1	-2.39	1	0.13	1	-3.32	33	-12.88	1	-15.10	33
7 Max	-132	32.64	1	-445.40	5	518.74	1	3.78	33	4.47	33	3.16	33	35.65	1	12.32	18
7 Max	-131	12.82	1	-110.38	1	293.71	1	5.68	1	-0.12	5	1.92	33	35.65	1	14.38	33
7 Max	-159	124.80	33	-105.92	1	254.08	1	6.03	1	-0.43	1	-1.34	1	33.31	1	14.38	33
7 Max	-160	121.46	33	-441.64	5	478.89	1	1.22	1	2.76	33	-1.20	1	33.31	1	12.32	18
7 Min.	-132	-30.18	1	-1452.39	33	-493.30	1	0.91	1	1.47	1	1.20	9	-12.46	1	-0.12	1
7 Min.	-131	-6.52	1	-1418.91	33	-271.13	1	-3.32	1	-0.45	18	0.00	1	-12.46	1	0.31	1
7 Min.	-159	30.41	1	-1406.46	33	-260.66	1	-5.35	1	-2.66	33	-4.56	33	-14.25	1	0.31	1
7 Min.	-160	14.78	1	-1439.94	33	-482.61	1	-0.70	1	0.66	1	-3.32	33	-14.25	1	-0.12	1
7 Max	-104	61.91	1	-447.63	5	543.73	1	0.56	1	-0.55	1	-0.31	1	11.67	1	-1.28	1
7 Max	-103	24.64	23	63.18	1	248.36	1	2.03	1	0.06	1	0.70	1	11.67	1	-1.41	1
7 Max	-131	29.45	1	64.17	1	264.72	1	4.92	1	1.92	33	3.32	33	12.90	1	-1.41	1
7 Max	-132	29.58	1	-448.40	5	560.40	1	3.39	33	0.27	1	1.48	33	12.90	1	-1.28	1
7 Min.	-104	-41.86	1	-1502.76	33	-563.50	1	-1.41	1	-1.85	33	-1.37	33	-20.90	1	-14.35	33
7 Min.	-103	-0.74	1	-1489.96	33	-322.88	1	-2.38	1	-0.32	1	-0.29	1	-20.90	1	-15.10	33
7 Min.	-131	-31.53	1	-1493.10	33	-294.02	1	-2.39	1	0.12	1	0.66	1	-18.70	1	-15.10	33
7 Min.	-132	-32.93	1	-1505.90	33	-534.95	1	0.69	1	-0.20	1	0.54	9	-18.70	1	-14.35	33
7 Max	-188	-66.00	1	-270.01	5	363.78	1	7.19	33	6.22	33	7.55	33	45.45	1	0.21	1
7 Max	-187	-102.42	5	-344.45	1	138.62	1	9.71	1	0.55	1	7.38	33	45.45	1	0.28	1
7 Max	-215	615.63	33	-312.13	1	83.75	1	9.41	1	1.12	1	-2.54	1	39.89	1	0.28	1
7 Max	-216	685.39	33	-240.08	5	310.44	1	5.63	33	7.81	33	-2.30	1	39.89	1	0.21	1
7 Min.	-188	-261.57	33	-838.54	33	-377.91	1	1.97	9	2.06	9	2.57	1	-22.37	1	-2.61	18
7 Min.	-187	-331.33	33	-1536.15	33	-306.96	1	-4.33	1	-1.19	1	2.59	9	-22.37	1	-2.35	18
7 Min.	-215	191.18	5	-1441.45	33	-279.14	1	-3.45	1	-0.52	1	-7.88	33	-25.69	1	-2.35	18
7 Min.	-216	205.05	1	-743.84	33	-351.61	1	1.63	9	2.64	9	-7.71	33	-25.69	1	-2.61	18
7 Max	-216	534.08	33	-715.10	5	279.11	1	2.94	33	-0.34	1	-1.39	1	-3.47	1	82.62	33
7 Max	-215	814.50	33	547.20	33	1296.97	33	11.00	33	7.01	33	-3.20	9	-3.47	1	81.13	33
7 Max	-243	-98.74	5	434.19	33	941.93	33	2.94	1	-5.86	5	4.57	18	0.12	1	81.13	33
7 Max	-244	-187.92	5	-750.54	5	4.19	1	0.89	1	-9.10	5	7.01	33	0.12	1	82.62	33
7 Min.	-216	153.88	1	-2256.97	33	-320.29	1	-0.01	1	-1.46	18	-6.75	33	-76.60	33	19.30	1
7 Min.	-215	250.80	5	115.50	1	272.31	1	-1.81	1	1.54	1	-9.27	33	-76.60	33	18.79	1
7 Min.	-243	-315.59	33	73.15	1	290.03	1	-1.73	1	-18.96	33	1.53	1	-62.99	33	18.79	1
7 Min.	-244	-596.01	33	-2369.98	33	-419.62	33	-3.58	33	-27.89	33	0.94	1	-62.99	33	19.30	1
7 Max	-161	137.27	33	-186.15	1	235.19	1	6.87	1	1.58	33	2.68	18	47.80	1	-5.32	1
7 Max	-160	118.25	33	-449.72	5	472.98	1	0.52	34	-2.00	9	5.62	33	47.80	1	-5.08	1
7 Max	-188	-88.34	1	-463.65	5	431.67	1	7.16	33	-1.43	5	-2.09	9	44.39	1	-5.08	1
7 Max	-189	-95.60	5	-201.73	1	193.00	1	9.24	1	2.86	33	-2.98	1	44.39	1	-5.32	1
7 Min.	-161	42.07	5	-1281.82	33	-291.59	1	-5.92	1	0.08	1	0.81	1	-16.15	1	-18.89	33
7 Min.	-160	14.82	1	-1472.00	33	-469.26	1	-0.55	5	-5.38	33	2.04	9	-16.15	1	-17.84	33
7 Min.	-188	-329.39	33	-1516.76	33	-417.54	1										

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7 Min.	-159	42.09	5	-1281.82	33	-235.35	1	-5.92	1	0.08	1	-2.68	18	-47.88	1	-18.89	33
7 Min.	-187	-310.38	33	-1326.58	33	-193.12	1	-4.36	1	0.46	1	2.97	1	-44.46	1	-18.89	33
7 Min.	-188	-329.39	33	-1516.76	33	-431.63	1	1.78	1	-4.47	33	2.09	9	-44.46	1	-17.84	33
8 Max	-170	15.51	1	-348.14	1	243.56	1	9.02	1	2.01	1	-0.28	1	38.15	1	-2.39	1
8 Max	-174	29.67	1	-308.08	1	329.95	1	0.98	1	1.92	28	0.38	9	38.15	1	-2.38	1
8 Max	-202	189.28	1	-298.17	1	208.63	1	2.41	28	3.54	13	3.52	28	43.09	1	-2.38	1
8 Max	-198	173.60	1	-338.25	1	120.83	1	10.80	1	2.61	13	1.55	13	43.09	1	-2.39	1
8 Min.	-170	-70.80	1	-888.00	13	-178.68	1	-6.52	1	-0.86	1	-1.85	28	-15.14	1	-14.23	1
8 Min.	-174	-65.29	1	-755.63	28	-327.75	1	-4.62	1	0.44	1	0.04	9	-15.14	1	-14.21	1
8 Min.	-202	35.60	1	-735.81	28	-341.33	1	0.60	1	1.73	1	1.19	1	-11.91	1	-14.21	1
8 Min.	-198	31.61	1	-867.23	13	-190.85	1	-0.69	1	1.03	1	0.68	9	-11.91	1	-14.23	1
8 Max	-198	279.54	13	292.40	13	-369.13	1	10.10	1	3.06	28	4.20	28	67.08	28	61.46	28
8 Max	-202	164.95	1	-671.65	5	74.22	1	1.93	1	-2.23	1	1.98	1	67.08	28	61.96	28
8 Max	-230	-39.45	1	-690.62	5	275.29	28	-1.46	1	-11.57	9	-4.06	1	59.32	28	61.96	28
8 Max	-226	51.48	1	259.20	28	-203.16	5	1.05	1	-7.78	5	-3.79	9	59.32	28	61.46	28
8 Min.	-198	88.64	1	109.99	1	-808.25	28	0.22	1	1.17	1	1.98	1	20.31	1	24.99	1
8 Min.	-202	-2.49	1	-1224.54	13	-297.64	1	-0.77	1	-4.27	13	-0.68	1	20.31	1	25.39	1
8 Min.	-230	-233.07	1	-1258.65	13	90.23	1	-6.22	28	-21.54	28	-10.47	28	15.88	1	25.39	1
8 Min.	-226	-131.68	1	90.64	1	-372.66	13	-1.44	1	-14.14	28	-7.25	28	15.88	1	24.99	1
8 Max	-206	193.89	1	-300.77	9	34.42	5	3.51	1	0.58	1	2.18	1	4.65	28	35.45	28
8 Max	-210	193.84	1	-304.00	9	-13.76	5	3.49	1	0.57	1	0.01	1	4.65	28	35.81	28
8 Max	-238	690.68	1	-289.46	1	1.39	5	-0.28	1	-5.40	1	0.04	1	4.66	28	35.81	28
8 Max	-234	691.18	1	-285.79	1	61.82	28	-0.28	1	-5.40	1	2.20	1	4.66	28	35.45	28
8 Min.	-206	-333.84	1	-619.40	28	-14.53	29	-1.69	1	-2.90	1	0.00	1	-0.74	5	6.87	1
8 Min.	-210	-334.39	1	-702.28	28	-77.79	28	-1.69	1	-4.67	29	-2.17	1	-0.74	5	6.87	1
8 Min.	-238	-569.16	1	-681.44	28	-50.95	5	-2.43	28	-15.72	28	-2.97	28	-0.75	5	6.87	1
8 Min.	-234	-569.06	1	-598.55	28	-2.83	5	-2.01	1	-12.96	28	-0.21	29	-0.75	5	6.87	1
8 Max	-178	111.86	1	-383.45	1	40.29	1	1.78	1	0.62	1	-0.97	1	0.07	5	-2.93	1
8 Max	-182	111.77	1	-384.60	1	55.45	1	1.77	1	0.62	1	3.53	28	0.07	5	-2.93	1
8 Max	-210	174.60	1	-416.15	1	53.16	1	3.49	1	0.53	1	3.58	28	0.06	5	-2.93	1
8 Max	-206	174.86	1	-414.98	1	38.00	1	3.50	1	0.52	1	-0.97	1	0.06	5	-2.93	1
8 Min.	-178	-24.33	1	-831.95	28	-55.82	1	-6.57	1	-5.12	1	-3.13	28	-0.09	5	-9.90	13
8 Min.	-182	-24.41	1	-944.74	28	-40.87	1	-6.57	1	-5.10	1	0.98	1	-0.09	5	-9.87	13
8 Min.	-210	-346.13	1	-968.53	28	-38.58	1	-1.92	1	-5.23	1	0.98	1	-0.07	5	-9.87	13
8 Min.	-206	-346.22	1	-855.74	28	-53.54	1	-1.92	1	-5.24	1	-3.08	28	-0.07	5	-9.90	13
8 Max	-214	167.54	28	-677.37	9	297.59	1	1.96	1	-2.25	1	0.68	1	-20.49	1	76.95	28
8 Max	-220	367.56	28	396.01	28	1056.89	28	10.84	28	3.19	28	-1.99	1	-20.49	1	76.28	28
8 Max	-248	51.64	1	350.78	28	487.31	28	1.05	1	-7.82	9	8.57	28	-16.05	1	76.28	28
8 Max	-242	-39.65	1	-696.83	9	-91.61	1	-1.48	1	-11.62	9	12.38	28	-16.05	1	76.95	28
8 Min.	-214	-2.43	1	-1604.20	28	-73.95	1	-0.77	1	-5.30	28	-1.97	1	-83.24	28	25.56	1
8 Min.	-220	88.99	1	110.70	1	371.21	1	0.26	1	1.18	1	-4.80	28	-83.24	28	25.16	1
8 Min.	-248	-131.26	1	91.33	1	205.94	9	-1.44	1	-18.51	28	3.82	9	-72.61	28	25.16	1
8 Min.	-242	-284.73	28	-1649.42	28	-315.26	28	-7.82	28	-27.25	28	4.11	1	-72.61	28	25.56	1
8 Max	-186	29.64	1	-309.32	1	328.22	1	0.99	1	1.95	28	-0.04	9	14.96	1	-2.41	1
8 Max	-192	15.42	1	-349.49	1	178.81	1	9.00	1	2.00	1	1.74	1	14.96	1	-2.43	1
8 Max	-220	212.46	28	-339.57	1	191.20	1	10.79	1	3.57	28	-0.69	9	11.71	1	-2.43	1
8 Max	-214	233.34	28	-299.39	1	341.77	1	2.38	28	4.25	28	-1.20	1	11.71	1	-2.41	1
8 Min.	-186	-64.93	1	-973.27	28	-329.69	1	-4.65	1	0.44	1	-0.84	29	-37.98	1	-17.05	28
8 Min.	-192	-70.20	1	-1182.06	28	-243.07	1	-6.51	1	-0.86	1	0.27	1	-37.98	1	-17.09	28
8 Min.	-220	31.76	1	-1154.95	28	-120.56	1	-0.65	1	1.05	1	-1.57	13	-42.86	1	-17.09	28
8 Min.	-214	35.76	1	-946.15	28	-208.36	1	0.61	1	1.74	1	-3.98	28	-42.86	1	-17.05	28
8 Max	-19	40.70	1	407.04	1	-20.42	1	0.44	1	4.57	1	-0.05	1	0.17	1	4.84	1
8 Max	-29	10.64	1	106.44	1	92.03	1	0.57	1	5.20	1	0.47	28	0.17	1	4.71	1
8 Max	-90	-3.93	1	103.77	1	312.79	1	2.18	28	1.39	1	1.71	1	0.82	1	4.71	1
8 Max	-86	13.97	1	404.36	1	200.26	1	2.41	1	0.74	1	0.73	1	0.82	1	4.84	1
8 Min.	-19	-174.43	1	-1744.32	1	-107.17	1	-0.57	1	-4.32	1	-0.51	1	-3.60	1	-9.68	1
8 Min.	-29	-136.70	1	-1366.96	1	-109.99	1	-0.35	1	-4.61	1	0.04	1	-3.60	1	-9.75	1
8 Min.	-90	-20.71	28	-1353.74	1	-345.67	1	0.17	1	-0.91	1	-0.50	1	-1.79	1	-9.75	1
8 Min.	-86	-42.25	1	-1731.10	1	-342.77	1	0.95	1	-0.69	1	-0.59	1	-1.79	1	-9.68	1
8 Max	-59	10.67	1	106.67	1	110.20	1	0.57	1	5.20	1	-0.04	1	3.58	1	4.71	1
8 Max	-69	40.75	1	407.52	1	118.86	28	0.44	1	4.57	1	0.52	28	3.58	1	4.84	1
8 Max	-108	14.00	1	404.85	1	343.02	1	2.40	1	0.74	1	0.58	1	1.82	1	4.84	1
8 Max	-102	-3.90	1	103.99	1	346.09	1	2.16	1	1.39	1	0.49	1	1.82	1	4.71	1
8 Min.	-59	-136.75	1	-1367.50	1	-92.21	1	-0.36	1	-4.61	1	-0.47	1	-0.16	1	-9.75	1
8 Min.	-69	-174.52	1	-1745.22	1	20.30	1	-0.57	1	-4.32	1	0.05	1	-0.16	1	-9.68	1
8 Min.	-108	-42.27	1	-1732.00	1	-200.54	1	0.06	1	-0.69	1	-0.73	1	-0.83	1	-9.68	1
8 Min.	-102	-16.68	1	-1354.27	1	-313.17	1	0.16	1	-0.91	1	-1.70	1	-0.83	1	-9.75	1
8 Max	-39	-23.61	1	-236.13	1	7.50	1	0.89	1	8.90	1	0.42	1	0.02	28	16.89	1
8 Max	-49	-23.61	1	-236.08	1	52.02	1	0.89	1	8.90	1	0.83	1	0.02	28	16.88	1
8 Max	-98	46.96	1	-229.03	1	63.88	5	1.00	1	2.61	1	0.83	1	0.01	5	16.88	1
8 Max	-94	47.01	1	-229.08	1	19.27	5	1.00	1	2.61	1	0.42	1	0.01	5	16.89	1
8 Min.	-39	-100.05	28	-1000.54	28	-51.92	1	-0.73	1	-7.35	1	-0.83	1	-0.01	5	-16.24	1
8 Min.	-49	-106.93	28	-1069.26	28	-7.62	1	-0.74	1	-7.35	1	-0.42	1	-0.01	5	-16.24	1
8 Min.	-98	-155.11	1	-1067.94	28	-19.48	5	-0.33	1	-1.86	1	-0.42	1	-0.01	29	-16.24	1
8 Min.	-94	-155.14	1	-999.22	28	-63.68	5	-0.33	1	-1.86	1	-0.83	1	-0.01	29	-16.24	1
8 Max	-49	-23.61	1	-236.08	1	58.07	1	0.59	1	8.32	1	0.57	28	3.37	1	13.85	1
8 Max	-59	10.67	1	106.67	1	110.21	1	0.82	1	5.76	1	-0.27	9	3.37	1	13.77	1
8 Max	-102	71.82	1	112.78	1	178.18	1	-0.10	1	0.68	1	0.79	1	3.21	1	13.77	1
8 Max	-98	37.70	1	-229.97	1	126.09	1	-0.37	9	3.15	1	1.38	1	3.21	1	13.85	1
8 Min.	-49	-106.93	28	-1069.26	28	-14.19	1	-0.51	1	-6.92	1	0.27	9	-2.42	1	-10.22	1
8 Min.	-59	-136.75	1	-1367.50	1	-99.94	1	-0.69	1	-5.09	1	-0.58	28	-2.42	1	-10.30	1
8 Min.	-102	-111.94	1	-1365.02	1	-132.03	1	-0.75	28	-0.60	1	-1.83	1	-2.27	1	-10.30	1
8 Min.	-98	-72.42	1	-1061.02	28	-46.33	1	-0.80	28	-2.41	1	-1.17	1	-2.27	1	-10.22	1
8 Max	-29	10.64	1	106													

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8 Min.	-234	-519.36	1	-624.76	28	207.33	5	-2.04	1	-13.72	28	1.15	1	-9.99	33	7.22	1
8 Min.	-230	-566.74	1	-1260.56	28	155.85	5	-1.25	13	-19.35	28	-3.19	28	-9.99	33	8.91	1
8 Max	-126	-10.73	1	-281.59	1	128.72	1	1.57	1	0.77	1	1.94	1	3.51	1	13.43	1
8 Max	-130	2.22	1	-134.53	1	158.70	1	1.54	1	2.29	1	0.01	1	3.51	1	13.36	1
8 Max	-158	25.47	28	-133.39	1	188.95	1	-0.17	1	1.18	1	-0.17	1	3.59	1	13.36	1
8 Max	-154	33.19	28	-280.44	1	159.03	1	0.82	1	1.71	1	1.78	1	3.59	1	13.43	1
8 Min.	-126	-36.04	13	-1015.16	28	-101.38	1	-1.08	1	-0.25	1	-0.44	1	-6.39	1	-2.95	1
8 Min.	-130	-47.35	1	-1092.39	28	-199.30	1	-0.21	1	-0.71	1	-3.52	1	-6.39	1	-3.57	1
8 Min.	-158	10.04	1	-1085.80	28	-221.64	1	-1.07	28	-0.10	1	-2.91	1	-6.47	1	-3.57	1
8 Min.	-154	-1.13	1	-1008.57	28	-123.78	1	-2.85	1	-1.88	1	0.16	1	-6.47	1	-2.95	1
8 Max	-98	35.25	1	-254.32	1	95.12	1	-0.09	1	3.10	1	0.18	1	2.22	1	6.11	1
8 Max	-102	60.00	1	-5.23	1	187.21	1	0.55	1	2.37	1	2.00	1	2.22	1	6.19	1
8 Max	-130	14.66	1	-9.77	1	183.48	1	0.95	28	0.22	1	1.89	1	2.32	1	6.19	1
8 Max	-126	-8.53	1	-258.85	1	91.74	1	1.38	1	1.04	28	0.07	1	2.32	1	6.11	1
8 Min.	-98	-65.58	1	-1041.97	28	-79.65	1	-0.96	28	-2.36	1	-1.94	1	-1.06	1	-11.24	1
8 Min.	-102	-93.66	1	-1182.37	1	-106.43	1	-1.27	1	-2.69	1	-1.05	1	-1.06	1	-11.14	1
8 Min.	-130	-66.55	1	-1179.65	1	-139.63	1	0.13	1	-0.33	1	-1.51	1	-1.25	1	-11.14	1
8 Min.	-126	-40.03	1	-1043.26	28	-113.19	1	-0.70	1	0.24	9	-2.41	1	-1.25	1	-11.24	1
8 Max	-150	-16.85	1	-327.76	1	64.88	1	3.31	1	1.84	1	3.03	28	0.24	5	15.73	1
8 Max	-154	-16.98	1	-328.11	1	43.10	1	3.31	1	1.85	1	-1.11	1	0.24	5	15.74	1
8 Max	-182	97.91	1	-328.15	1	42.27	1	2.01	1	3.01	1	-1.09	1	0.23	5	15.74	1
8 Max	-178	97.97	1	-327.82	1	64.03	1	2.01	1	3.00	1	3.21	28	0.23	5	15.73	1
8 Min.	-150	-50.45	13	-908.55	28	-43.08	1	-3.47	1	-0.54	1	1.11	1	-0.50	29	0.22	1
8 Min.	-154	-53.14	13	-985.38	28	-64.83	1	-3.47	1	-0.55	1	-3.02	28	-0.50	29	0.22	1
8 Min.	-182	-18.83	1	-972.71	28	-64.36	1	-6.42	1	-3.66	1	-2.83	28	-0.47	29	0.22	1
8 Min.	-178	-18.85	1	-895.88	28	-42.60	1	-6.42	1	-3.65	1	1.10	1	-0.47	29	0.22	1
8 Max	-94	44.58	1	-253.32	1	47.82	5	0.91	1	3.90	1	2.18	1	0.06	5	19.52	1
8 Max	-98	44.53	1	-253.38	1	27.93	5	0.91	1	3.90	1	0.12	1	0.06	5	19.53	1
8 Max	-126	65.02	1	-251.34	1	26.04	1	1.43	1	1.08	1	0.12	1	0.05	5	19.53	1
8 Max	-122	65.06	1	-251.28	1	45.93	1	1.43	1	1.08	1	2.17	1	0.05	5	19.52	1
8 Min.	-94	-148.32	1	-975.77	28	-27.93	5	-0.20	1	-2.76	1	-0.12	1	-0.10	29	-11.19	1
8 Min.	-98	-148.28	1	-1048.89	28	-47.80	5	-0.20	1	-2.75	1	-2.18	1	-0.10	29	-11.20	1
8 Min.	-126	-72.48	1	-1039.98	28	-45.96	1	-3.35	1	-0.56	1	-2.18	1	-0.08	29	-11.20	1
8 Min.	-122	-72.51	1	-966.85	28	-26.08	1	-3.35	1	-0.55	1	-0.12	1	-0.08	29	-11.19	1
8 Max	-210	314.68	1	-283.54	1	41.55	1	-0.24	1	0.27	1	1.19	1	10.55	13	26.06	28
8 Max	-214	262.32	1	-680.66	9	121.35	1	-2.09	1	-2.51	1	7.23	28	10.55	13	28.64	28
8 Max	-242	264.52	1	-707.56	9	-157.32	9	-0.59	1	-10.58	9	3.92	28	10.55	13	28.64	28
8 Max	-238	310.64	1	-310.02	9	-211.13	9	0.94	1	-6.82	1	-1.16	1	10.55	13	26.06	28
8 Min.	-210	-69.32	1	-663.84	28	-86.11	1	-5.08	28	-3.53	29	-1.42	1	3.66	1	7.12	1
8 Min.	-214	-109.85	1	-1604.97	28	-48.17	1	-5.26	28	-8.48	28	1.77	1	3.66	1	8.82	1
8 Min.	-242	-566.65	1	-1654.04	28	-359.40	28	-1.54	28	-24.09	28	0.32	1	3.76	1	8.82	1
8 Min.	-238	-519.88	1	-712.91	28	-500.13	28	-2.04	1	-17.57	28	-3.98	13	3.76	1	7.12	1
8 Max	-114	44.65	1	-121.08	1	221.85	1	3.83	1	1.52	1	-0.18	1	15.56	1	-10.75	9
8 Max	-118	43.33	1	-134.73	1	344.80	1	0.35	1	1.54	1	2.96	1	15.56	1	-11.14	9
8 Max	-146	11.72	1	-138.89	1	365.30	1	4.91	1	1.54	28	3.95	28	17.90	1	-11.14	9
8 Max	-142	12.99	1	-125.25	1	241.16	1	8.88	1	0.94	1	0.34	1	17.90	1	-10.75	9
8 Min.	-114	-2.18	1	-965.11	1	-314.92	1	-5.39	1	-1.88	1	-2.04	1	-18.96	1	-22.42	28
8 Min.	-118	-3.54	1	-978.30	1	-323.43	1	-2.68	1	-0.56	1	-0.64	1	-18.96	1	-23.00	28
8 Min.	-146	-45.97	1	-981.54	1	-299.71	1	-0.51	1	0.73	1	0.83	1	-17.98	1	-23.00	28
8 Min.	-142	-44.56	1	-968.36	1	-290.02	1	-3.04	1	-0.70	1	-0.54	1	-17.98	1	-22.42	28
8 Max	-86	9.08	1	48.82	1	290.73	1	3.21	1	1.47	1	1.65	28	8.49	1	8.66	28
8 Max	-90	14.25	1	-13.99	1	287.25	1	1.92	28	1.44	1	1.18	1	8.49	1	8.88	28
8 Max	-118	30.42	28	-10.31	1	285.38	1	1.18	1	0.73	1	1.35	1	7.86	1	8.88	28
8 Max	-114	33.48	28	52.50	1	288.89	1	2.85	1	0.82	1	1.47	1	7.86	1	8.66	28
8 Min.	-86	-22.16	1	-1223.58	1	-234.16	1	-0.58	1	-1.57	1	0.53	1	-3.85	1	2.33	1
8 Min.	-90	-28.39	1	-1171.33	1	-354.82	1	0.61	1	-1.88	1	-1.57	1	-3.85	1	2.52	1
8 Min.	-118	8.91	1	-1170.29	1	-348.55	1	-3.16	1	-0.75	1	-2.35	1	-5.90	1	2.52	1
8 Min.	-114	14.97	9	-1222.55	1	-227.92	1	-4.77	1	-0.36	1	-0.24	1	-5.90	1	2.33	1
8 Max	-130	43.34	1	-135.10	1	323.49	1	0.35	1	1.54	1	0.64	1	18.99	1	-11.20	9
8 Max	-136	44.72	1	-121.52	1	314.94	1	3.84	1	1.52	1	2.07	28	18.99	1	-10.80	9
8 Max	-164	13.02	1	-125.68	1	290.10	1	8.87	1	0.94	1	0.54	1	17.95	1	-10.80	9
8 Max	-158	11.76	1	-139.26	1	299.73	1	4.92	1	1.96	28	-0.84	1	17.95	1	-11.20	9
8 Min.	-130	-3.55	1	-1084.64	28	-344.82	1	-2.68	1	-0.56	1	-2.96	1	-15.61	1	-25.00	28
8 Min.	-136	-2.25	1	-1081.65	28	-221.93	1	-5.40	1	-1.88	1	0.18	1	-15.61	1	-23.75	28
8 Min.	-164	-44.59	1	-1087.97	28	-241.23	1	-3.04	1	-0.70	1	-0.34	1	-17.86	1	-23.75	28
8 Min.	-158	-46.01	1	-1090.96	28	-365.18	1	-0.52	1	0.73	1	-4.15	28	-17.86	1	-25.00	28
8 Max	-182	33.77	1	-391.69	1	143.23	1	2.17	1	0.40	1	0.94	28	0.91	1	11.29	28
8 Max	-186	26.43	1	-311.60	1	198.37	1	1.56	28	3.33	28	-2.00	1	0.91	1	10.55	28
8 Max	-214	286.23	1	-310.12	1	166.91	1	-1.54	9	2.78	28	1.65	1	0.94	1	10.55	28
8 Max	-210	294.08	1	-390.12	1	111.75	1	-0.07	1	0.42	1	6.23	28	0.94	1	11.29	28
8 Min.	-182	-96.26	1	-957.92	28	-131.21	1	-2.40	1	-4.69	1	0.34	9	-15.36	1	3.79	1
8 Min.	-186	-88.67	1	-974.75	28	-221.33	1	0.38	1	1.36	1	-4.97	28	-15.36	1	3.42	1
8 Min.	-214	-71.60	1	-946.92	28	-183.95	1	-3.68	28	1.12	1	-1.15	1	-15.23	1	3.42	1
8 Min.	-210	-79.70	1	-930.09	28	-93.80	1	-5.74	28	-5.56	1	1.47	1	-15.23	1	3.79	1
8 Max	-142	30.58	1	-201.70	1	284.74	1	9.34	1	1.72	1	3.25	28	30.52	1	17.53	28
8 Max	-146	27.59	1	-221.03	1	344.91	1	4.41	1	0.10	1	1.46	1	30.52	1	17.88	28
8 Max	-174	13.08	1	-221.18	1	310.59	1	2.39	1	-1.13	1	-0.48	1	28.88	1	17.88	28
8 Max	-170	16.32	1	-201.85	1	249.79	1	6.99	1	-0.20	1	0.55	28	28.88	1	17.53	28
8 Min.	-142	-52.09	1	-791.36	1	-207.84	1	-3.48	1	-1.01	1	1.14	1	-13.66	1	8.91	9
8 Min.	-146	-54.12	1	-822.17	1	-346.48	1	-0.30	1	-1.21	1	-0.78	1	-13.66	1	9.14	9
8 Min.	-174	-56.95	1	-823.76	1	-356.99	1	-3.80	1	-2.73	28	-2.05	28	-16.23	1	9.14	9
8 Min.	-170	-55.18	1	-792.95	1	-217.72	1	-7.49	1	-0.97	1	0.27	9	-16.23	1	8.91	9
8 Max	-154	37.51	1	-326.95	1	139.09	1	0.97	1	1.81	1	-0.33	1	8.34	1	3.93	1
8 Max	-158	31.22	28	-215.85	1	236.20	1	0.04	1								

Relazione di Calcolo – Ponte Torrente Gogna

8 Min.	-146	9.99	1	-981.57	1	-188.90	1	-1.08	28	-0.09	1	0.17	1	-3.60	1	-3.57	1
8 Max	-158	27.62	1	-221.72	1	346.59	1	4.42	1	0.10	1	0.77	1	13.60	1	19.33	28
8 Max	-164	30.59	1	-202.55	1	207.84	1	9.34	1	1.73	1	-1.15	1	13.60	1	18.71	28
8 Max	-192	16.29	1	-202.69	1	217.96	1	6.99	1	-0.19	1	-0.27	9	16.25	1	18.71	28
8 Max	-186	13.04	1	-221.86	1	357.27	1	2.39	1	-1.14	1	1.84	13	16.25	1	19.33	28
8 Min.	-158	-54.15	1	-1033.39	28	-344.98	1	-0.31	1	-1.21	1	-1.45	1	-30.43	1	9.21	9
8 Min.	-164	-52.14	1	-994.46	28	-284.57	1	-3.47	1	-1.02	1	-3.49	28	-30.43	1	8.96	9
8 Min.	-192	-54.83	1	-996.83	28	-249.66	1	-7.50	1	-1.21	28	-1.02	28	-28.91	1	8.96	9
8 Min.	-186	-56.55	1	-1035.76	28	-310.64	1	-3.81	1	-3.00	28	0.47	1	-28.91	1	9.21	9
8 Max	-122	62.80	1	-273.95	1	34.08	1	1.29	1	1.13	1	0.13	1	0.18	29	12.77	1
8 Max	-126	62.75	1	-274.07	1	63.11	1	1.29	1	1.13	1	1.85	1	0.18	29	12.75	1
8 Max	-154	-12.33	1	-281.60	1	63.11	1	3.36	1	2.33	1	1.85	1	0.16	29	12.75	1
8 Max	-150	-12.21	1	-281.46	1	34.08	1	3.36	1	2.34	1	0.14	1	0.16	29	12.77	1
8 Min.	-122	-65.17	1	-937.21	28	-63.07	1	-3.21	1	-0.61	1	-1.85	1	-0.07	5	-15.55	1
8 Min.	-126	-65.14	1	-1011.87	28	-34.23	1	-3.21	1	-0.61	1	-0.14	1	-0.07	5	-15.53	1
8 Min.	-154	-57.26	13	-1017.08	28	-34.16	1	-3.67	1	-2.57	1	-0.13	1	-0.06	5	-15.53	1
8 Min.	-150	-54.60	13	-942.41	28	-62.99	1	-3.67	1	-2.57	1	-1.85	1	-0.06	5	-15.55	1
8 Max	-102	14.27	1	-14.02	1	355.09	1	1.83	28	1.44	1	1.57	1	3.80	1	8.84	28
8 Max	-108	9.07	1	48.73	1	234.15	1	3.21	1	1.47	1	-0.54	1	3.80	1	8.35	28
8 Max	-136	30.88	28	52.42	1	227.82	1	2.85	1	0.82	1	0.24	1	5.91	1	8.35	28
8 Max	-130	32.27	28	-10.33	1	348.67	1	1.18	1	0.73	1	2.35	1	5.91	1	8.84	28
8 Min.	-102	-28.39	1	-1171.62	1	-287.53	1	0.61	1	-1.88	1	-1.17	1	-8.41	1	2.50	1
8 Min.	-108	-22.14	1	-1223.84	1	-290.65	1	-0.58	1	-1.57	1	-1.75	28	-8.41	1	2.31	1
8 Min.	-136	14.91	9	-1222.81	1	-288.75	1	-4.78	1	-0.36	1	-1.48	1	-7.88	1	2.31	1
8 Min.	-130	8.92	1	-1170.60	1	-285.54	1	-3.16	1	-0.75	1	-1.36	1	-7.88	1	2.50	1
8 Max	-90	59.98	1	-5.21	1	106.18	1	0.55	1	2.37	1	1.05	1	1.05	1	6.21	1
8 Max	-94	35.12	1	-254.27	1	79.49	1	-0.08	1	3.11	1	1.94	1	1.05	1	6.11	1
8 Max	-122	-8.59	1	-258.80	1	113.16	1	1.38	1	0.91	28	2.41	1	1.24	1	6.11	1
8 Max	-118	14.70	1	-9.74	1	139.43	1	0.94	28	0.22	1	1.52	1	1.24	1	6.21	1
8 Min.	-90	-93.62	1	-1182.06	1	-187.00	1	-1.27	1	-2.69	1	-2.00	1	-2.21	1	-11.16	1
8 Min.	-94	-65.45	1	-969.98	28	-94.97	1	-0.94	1	-2.36	1	-0.18	1	-2.21	1	-11.25	1
8 Min.	-122	-43.63	28	-971.68	28	-91.66	1	-0.71	1	0.25	9	-0.06	1	-2.32	1	-11.25	1
8 Min.	-118	-66.62	1	-1179.36	1	-183.27	1	0.13	1	-0.34	1	-1.89	1	-2.32	1	-11.16	1
9 Max	-121	-10.68	1	-279.18	1	128.47	1	1.58	1	0.78	1	1.94	1	3.53	1	13.48	1
9 Max	-117	2.43	1	-131.83	1	158.73	1	1.54	1	2.29	1	0.02	1	3.53	1	13.37	1
9 Max	-145	30.43	28	-130.71	1	188.98	1	-0.18	1	1.18	1	-0.16	1	3.61	1	13.37	1
9 Max	-149	27.11	1	-278.05	1	158.80	1	0.84	1	1.72	1	1.78	1	3.61	1	13.48	1
9 Min.	-121	-40.67	28	-942.05	28	-101.14	1	-1.08	1	-0.26	1	-0.43	1	-6.42	1	-3.00	1
9 Min.	-117	-47.60	1	-989.73	1	-199.45	1	-0.22	1	-0.71	1	-3.53	1	-6.42	1	-3.59	1
9 Min.	-145	10.07	1	-983.91	1	-221.69	1	-1.08	28	-0.09	1	-2.91	1	-6.50	1	-3.59	1
9 Min.	-149	-1.23	1	-935.62	28	-123.47	1	-2.86	1	-1.89	1	0.16	1	-6.50	1	-3.00	1
9 Max	-67	41.00	1	409.99	1	-20.58	1	0.44	1	4.57	1	-0.05	1	0.17	1	4.83	1
9 Max	-57	10.90	1	109.01	1	92.21	1	0.57	1	5.20	1	0.47	1	0.17	1	4.69	1
9 Max	-101	-3.95	1	106.31	1	313.15	1	2.16	1	1.39	1	1.70	1	0.83	1	4.69	1
9 Max	-106	14.07	1	407.30	1	200.23	1	2.41	1	0.74	1	0.73	1	0.83	1	4.83	1
9 Min.	-67	-174.78	1	-1747.76	1	-118.86	28	-0.57	1	-4.32	1	-0.52	28	-3.59	1	-9.67	1
9 Min.	-57	-136.99	1	-1369.89	1	-110.19	1	-0.36	1	-4.61	1	0.04	1	-3.59	1	-9.73	1
9 Min.	-101	-16.63	1	-1356.64	1	-346.05	1	0.16	1	-0.91	1	-0.50	1	-1.82	1	-9.73	1
9 Min.	-106	-42.34	1	-1734.51	1	-342.70	1	0.05	1	-0.69	1	-0.58	1	-1.82	1	-9.67	1
9 Max	-97	44.74	1	-251.09	1	47.82	5	0.90	1	3.90	1	2.18	1	0.10	29	19.55	1
9 Max	-93	44.80	1	-251.04	1	27.95	5	0.90	1	3.91	1	0.13	1	0.10	29	19.54	1
9 Max	-121	65.03	1	-249.02	1	26.14	1	1.44	1	1.08	1	0.13	1	0.08	29	19.54	1
9 Max	-125	64.99	1	-249.07	1	46.02	1	1.44	1	1.08	1	2.18	1	0.08	29	19.55	1
9 Min.	-97	-148.50	1	-1048.92	28	-27.94	5	-0.20	1	-2.76	1	-0.13	1	-0.06	5	-11.22	1
9 Min.	-93	-148.54	1	-975.79	28	-47.84	5	-0.20	1	-2.76	1	-2.18	1	-0.06	5	-11.22	1
9 Min.	-121	-72.49	1	-966.87	28	-45.99	1	-3.36	1	-0.55	1	-2.18	1	-0.05	5	-11.22	1
9 Min.	-125	-72.46	1	-1040.00	28	-26.10	1	-3.36	1	-0.55	1	-0.13	1	-0.05	5	-11.22	1
9 Max	-157	31.22	28	-213.58	1	201.74	1	0.04	1	0.01	1	0.52	1	5.17	1	4.25	1
9 Max	-153	37.60	1	-324.67	1	154.56	1	0.98	1	1.80	1	2.22	1	5.17	1	3.92	1
9 Max	-181	19.80	1	-332.93	1	154.87	1	2.50	1	2.88	1	3.67	28	5.27	1	3.92	1
9 Max	-185	9.69	1	-221.84	1	201.93	1	0.89	1	-0.47	1	0.49	1	5.27	1	4.25	1
9 Min.	-157	-5.01	1	-1028.25	28	-236.09	1	-1.43	1	-1.61	1	-1.95	1	-8.33	1	-6.67	1
9 Min.	-153	5.87	1	-976.89	28	-139.12	1	-2.96	1	-0.72	1	0.32	1	-8.33	1	-6.82	1
9 Min.	-181	-90.57	1	-985.91	28	-130.20	1	-2.16	1	-3.01	1	1.79	9	-8.35	1	-6.82	1
9 Min.	-185	-80.17	1	-1037.27	28	-227.05	1	0.09	1	-2.87	28	-0.46	1	-8.35	1	-6.67	1
9 Max	-149	37.56	1	-324.34	1	139.07	1	0.98	1	1.79	1	-0.33	1	8.31	1	3.89	1
9 Max	-145	36.30	28	-212.89	1	235.95	1	0.03	1	0.02	1	1.95	1	8.31	1	4.23	1
9 Max	-173	9.84	1	-221.16	1	226.73	1	1.02	28	-0.46	1	0.45	1	8.33	1	4.23	1
9 Max	-177	19.61	1	-332.61	1	130.01	1	2.52	1	2.87	1	-1.79	9	8.33	1	3.89	1
9 Min.	-149	-5.86	1	-901.76	28	-154.46	1	-2.96	1	-0.70	1	-2.52	28	-5.12	1	-6.80	1
9 Min.	-145	5.00	1	-824.49	1	-201.50	1	-1.42	1	-1.62	1	-0.52	1	-5.12	1	-6.64	1
9 Min.	-173	-80.83	1	-826.52	1	-201.84	1	0.11	1	-2.61	28	-0.48	1	-5.22	1	-6.64	1
9 Min.	-177	-90.88	1	-910.84	28	-154.95	1	-2.18	1	-3.00	1	-3.72	28	-5.22	1	-6.80	1
9 Max	-27	10.88	1	108.78	1	109.98	1	0.57	1	5.21	1	-0.04	1	3.61	1	4.70	1
9 Max	-17	40.95	1	409.51	1	106.88	1	0.44	1	4.57	1	0.51	1	3.61	1	4.83	1
9 Max	-84	14.04	1	406.82	1	342.45	1	2.42	1	0.74	1	0.59	1	1.80	1	4.83	1
9 Max	-89	-3.99	1	106.09	1	345.63	1	2.18	28	1.39	1	0.50	1	1.80	1	4.70	1
9 Min.	-27	-136.94	1	-1369.35	1	-92.03	1	-0.35	1	-4.61	1	-0.47	28	-0.18	1	-9.74	1
9 Min.	-17	-174.69	1	-1746.86	1	20.70	1	-0.57	1	-4.32	1	0.05	1	-0.18	1	-9.67	1
9 Min.	-84	-42.32	1	-1733.62	1	-199.96	1	0.05	1	-0.69	1	-0.73	1	-0.82	1	-9.67	1
9 Min.	-89	-20.71	28	-1356.11	1	-312.78	1	0.16	1	-0.91	1	-1.71	1	-0.82	1	-9.74	1
9 Max	-153	-16.83	1	-325.80	1	64.89	1	3.31	1	1.85	1	3.02	28	0.50	29	15.78	1
9 Max	-149	-16.70	1	-325.46	1	43.14	1	3.32	1	1.84	1	-1.10	1	0.50	29	15.77	1
9 Max	-177	98.21	1	-325.55	1	42.65	1	2.03	1	3.00	1	-1.09	1	0.47	29	15.77	1
9 Max	-181	98.15	1	-325.88	1												

Relazione di Calcolo – Ponte Torrente Gogna

9 Max	-190	15.26	1	-346.68	1	243.25	1	9.00	1	2.01	1	-0.28	1	38.05	1	-2.47	1
9 Max	-185	29.53	1	-307.05	1	329.70	1	0.99	1	1.95	28	0.84	29	38.05	1	-2.45	1
9 Max	-213	233.35	28	-297.19	1	207.99	1	2.39	28	4.25	28	3.98	28	42.95	1	-2.45	1
9 Max	-218	212.46	28	-336.83	1	120.37	1	10.81	1	3.57	28	1.57	13	42.95	1	-2.47	1
9 Min.	-190	-70.04	1	-1182.09	28	-178.97	1	-6.51	1	-0.87	1	-1.73	1	-15.02	1	-17.09	28
9 Min.	-185	-64.82	1	-973.28	28	-328.20	1	-4.64	1	0.43	1	0.04	9	-15.02	1	-17.05	28
9 Min.	-213	35.14	1	-946.16	28	-341.39	1	0.60	1	1.75	1	1.21	1	-11.79	1	-17.05	28
9 Min.	-218	31.19	1	-1154.97	28	-190.99	1	-0.68	1	1.04	1	0.69	9	-11.79	1	-17.09	28
9 Max	-129	2.33	1	-132.20	1	199.42	1	1.55	1	2.29	1	3.53	1	6.40	1	13.39	1
9 Max	-125	-10.62	1	-279.30	1	101.31	1	1.57	1	0.78	1	0.43	1	6.40	1	13.46	1
9 Max	-153	33.19	28	-278.17	1	123.69	1	0.83	1	1.71	1	-0.16	1	6.47	1	13.46	1
9 Max	-157	25.46	28	-131.07	1	221.74	1	-0.18	1	1.18	1	2.92	1	6.47	1	13.39	1
9 Min.	-129	-47.46	1	-1092.42	28	-158.81	1	-0.22	1	-0.72	1	-0.02	1	-3.51	1	-3.60	1
9 Min.	-125	-36.04	13	-1015.18	28	-128.64	1	-1.08	1	-0.25	1	-1.94	1	-3.51	1	-2.98	1
9 Min.	-153	-1.22	1	-1008.59	28	-158.93	1	-2.86	1	-1.88	1	-1.78	1	-3.59	1	-2.98	1
9 Min.	-157	10.13	1	-1085.83	28	-189.04	1	-1.07	28	-0.10	1	0.16	1	-3.59	1	-3.60	1
9 Max	-101	60.05	1	-2.91	1	106.25	1	0.55	1	2.37	1	1.05	1	1.06	1	6.17	1
9 Max	-97	35.30	1	-252.04	1	79.64	1	-0.08	1	3.11	1	1.95	1	1.06	1	6.10	1
9 Max	-125	-8.42	1	-256.58	1	113.26	1	1.37	1	1.04	28	2.42	1	1.24	1	6.10	1
9 Max	-129	14.77	1	-7.44	1	139.53	1	0.95	28	0.22	1	1.51	1	1.24	1	6.17	1
9 Min.	-101	-93.71	1	-1184.73	1	-187.02	1	-1.27	1	-2.69	1	-2.00	1	-2.22	1	-11.12	1
9 Min.	-97	-65.63	1	-1042.00	28	-95.11	1	-0.96	28	-2.36	1	-0.18	1	-2.22	1	-11.22	1
9 Min.	-125	-40.15	1	-1043.29	28	-91.80	1	-0.70	1	0.24	9	-0.07	1	-2.32	1	-11.22	1
9 Min.	-129	-66.67	1	-1182.02	1	-183.37	1	0.12	1	-0.33	1	-1.88	1	-2.32	1	-11.12	1
9 Max	-125	62.73	1	-271.80	1	34.16	1	1.29	1	1.13	1	0.13	1	0.07	5	12.74	1
9 Max	-121	62.77	1	-271.67	1	62.99	1	1.30	1	1.13	1	1.85	1	0.07	5	12.76	1
9 Max	-149	-12.06	1	-279.17	1	62.91	1	3.36	1	2.34	1	1.84	1	0.06	5	12.76	1
9 Max	-153	-12.19	1	-279.30	1	34.08	1	3.36	1	2.34	1	0.13	1	0.06	5	12.74	1
9 Min.	-125	-65.12	1	-1011.89	28	-63.03	1	-3.21	1	-0.61	1	-1.85	1	-0.18	29	-15.53	1
9 Min.	-121	-65.15	1	-937.23	28	-34.01	1	-3.21	1	-0.61	1	-0.13	1	-0.18	29	-15.54	1
9 Min.	-149	-54.61	13	-942.43	28	-34.00	1	-3.67	1	-2.58	1	-0.13	1	-0.16	29	-15.54	1
9 Min.	-153	-57.27	13	-1017.09	28	-63.03	1	-3.67	1	-2.57	1	-1.85	1	-0.16	29	-15.53	1
9 Max	-57	10.90	1	109.01	1	99.96	1	0.82	1	5.77	1	0.58	28	2.43	1	13.78	1
9 Max	-47	-23.38	1	-233.85	1	14.09	1	0.59	1	8.33	1	-0.27	9	2.43	1	13.86	1
9 Max	-97	37.73	1	-227.75	1	46.16	1	-0.37	9	3.15	1	1.17	1	2.28	1	13.86	1
9 Max	-101	71.86	1	115.10	1	131.98	1	-0.10	1	0.68	1	1.83	1	2.28	1	13.78	1
9 Min.	-57	-136.99	1	-1369.89	1	-110.22	1	-0.69	1	-5.09	1	0.27	9	-3.38	1	-10.31	1
9 Min.	-47	-106.93	28	-1069.29	28	-57.96	1	-0.51	1	-6.92	1	-0.57	28	-3.38	1	-10.23	1
9 Min.	-97	-72.46	1	-1061.05	28	-125.91	1	-0.80	28	-2.41	1	-1.38	1	-3.22	1	-10.23	1
9 Min.	-101	-111.99	1	-1367.39	1	-178.11	1	-0.75	28	-0.60	1	-0.79	1	-3.22	1	-10.31	1
9 Max	-185	26.26	1	-309.31	1	221.39	1	1.56	28	3.33	28	4.97	28	15.40	1	10.55	28
9 Max	-181	33.59	1	-389.38	1	131.18	1	2.17	1	0.41	1	-0.34	9	15.40	1	11.29	28
9 Max	-209	294.68	1	-387.90	1	93.75	1	-0.06	1	0.43	1	-1.45	1	15.27	1	11.29	28
9 Max	-213	286.83	1	-307.92	1	183.99	1	-1.54	9	2.78	28	1.15	1	15.27	1	10.55	28
9 Min.	-185	-88.50	1	-974.77	28	-198.41	1	0.37	1	1.35	1	1.98	1	-0.95	1	3.39	1
9 Min.	-181	-96.08	1	-957.93	28	-143.19	1	-2.40	1	-4.70	1	-0.94	28	-0.95	1	3.75	1
9 Min.	-209	-80.30	1	-930.10	28	-111.68	1	-5.74	28	-5.58	1	-6.23	28	-0.98	1	3.75	1
9 Min.	-213	-72.20	1	-946.94	28	-166.94	1	-3.68	28	1.13	1	-1.65	1	-0.98	1	3.39	1
9 Max	-213	262.74	1	-679.46	9	47.96	1	-2.08	1	-2.49	1	-1.74	1	-3.68	1	28.64	28
9 Max	-209	315.35	1	-281.97	1	86.22	1	-0.23	1	0.27	1	1.42	1	-3.68	1	26.06	28
9 Max	-237	310.08	1	-310.00	9	500.13	28	0.94	1	-6.86	1	3.98	13	-3.78	1	26.06	28
9 Max	-241	263.71	1	-706.39	9	359.40	28	-0.59	1	-10.59	9	-0.31	1	-3.78	1	28.64	28
9 Min.	-213	-110.25	1	-1604.98	28	-121.13	1	-5.26	28	-8.48	28	-7.23	28	-10.55	13	8.90	1
9 Min.	-209	-69.98	1	-663.85	28	-41.66	1	-5.08	28	-3.53	29	-1.19	1	-10.55	13	7.19	1
9 Min.	-237	-519.29	1	-712.91	28	211.46	9	-2.05	1	-17.57	28	1.18	1	-10.55	13	7.19	1
9 Min.	-241	-565.80	1	-1654.04	28	157.03	9	-1.54	28	-24.09	28	-3.92	28	-10.55	13	8.90	1
9 Max	-89	14.20	1	-11.66	1	354.65	1	1.92	28	1.44	1	1.57	1	3.87	1	8.88	28
9 Max	-84	9.02	1	51.16	1	234.32	1	3.22	1	1.47	1	-0.53	1	3.87	1	8.66	28
9 Max	-112	33.47	28	54.82	1	228.07	1	2.84	1	0.82	1	0.25	1	5.90	1	8.66	28
9 Max	-117	30.42	28	-8.00	1	348.37	1	1.18	1	0.73	1	2.35	1	5.90	1	8.88	28
9 Min.	-89	-28.33	1	-1173.69	1	-287.11	1	0.60	1	-1.88	1	-1.18	1	-8.51	1	2.55	1
9 Min.	-84	-22.10	1	-1225.97	1	-290.91	1	-0.59	1	-1.57	1	-1.65	28	-8.51	1	2.35	1
9 Min.	-112	14.90	1	-1224.92	1	-289.05	1	-4.77	1	-0.36	1	-1.48	1	-7.87	1	2.35	1
9 Min.	-117	8.80	1	-1172.64	1	-285.22	1	-3.16	1	-0.75	1	-1.35	1	-7.87	1	2.55	1
9 Max	-117	43.43	1	-132.42	1	323.48	1	0.34	1	1.55	1	0.64	1	18.95	1	-11.12	9
9 Max	-112	44.77	1	-118.85	1	314.66	1	3.83	1	1.52	1	2.03	1	18.95	1	-10.73	9
9 Max	-140	12.91	1	-122.99	1	289.88	1	8.89	1	0.94	1	0.54	1	17.98	1	-10.73	9
9 Max	-145	11.64	1	-136.56	1	299.88	1	4.92	1	1.54	28	-0.82	1	17.98	1	-11.12	9
9 Min.	-117	-3.64	1	-980.64	1	-344.87	1	-2.67	1	-0.56	1	-2.97	1	-15.55	1	-23.00	28
9 Min.	-112	-2.29	1	-967.38	1	-221.60	1	-5.39	1	-1.88	1	0.19	1	-15.55	1	-22.42	28
9 Min.	-140	-44.48	1	-970.65	1	-241.04	1	-3.06	1	-0.70	1	-0.34	1	-17.90	1	-22.42	28
9 Min.	-145	-45.89	1	-983.91	1	-365.49	1	-0.53	1	0.73	1	-3.95	28	-17.90	1	-23.00	28
9 Max	-145	27.51	1	-218.74	1	346.46	1	4.42	1	0.09	1	0.78	1	13.71	1	17.88	28
9 Max	-140	30.51	1	-199.55	1	208.04	1	9.36	1	1.72	1	-1.13	1	13.71	1	17.53	28
9 Max	-168	16.23	1	-199.70	1	217.79	1	6.99	1	-0.20	1	-0.27	9	16.27	1	17.53	28
9 Max	-173	12.97	1	-218.89	1	356.85	1	2.38	1	-1.12	1	2.05	28	16.27	1	17.88	28
9 Min.	-145	-54.04	1	-824.49	1	-344.91	1	-0.31	1	-1.21	1	-1.46	1	-30.56	1	9.13	9
9 Min.	-140	-52.02	1	-793.54	1	-284.95	1	-3.49	1	-1.02	1	-3.25	28	-30.56	1	8.89	9
9 Min.	-168	-55.08	1	-795.13	1	-249.88	1	-7.49	1	-0.97	1	-0.55	28	-28.92	1	8.89	9
9 Min.	-173	-56.84	1	-826.08	1	-310.46	1	-3.79	1	-2.73	28	0.49	1	-28.92	1	9.13	9
9 Max	-177	33.46	1	-388.24	1	143.01	1	2.19	1	0.42	1	0.80	13	0.99	1	10.03	28
9 Max	-173	26.40	1	-308.06	1	198.00	1	1.70	28	2.96	28	-1.98	1	0.99	1	9.52	28
9 Max	-201	286.86	1	-306.74	1	166.55	1	-1.54	9	2.48	13	1.67	1	1.02	1	9.52	28
9 Max	-205	294.83	1	-386.83	1	111.62	1	-0.02									

Relazione di Calcolo – Ponte Torrente Gogna

9	Max	-168	15.35	1	-345.33	1	178.85	1	9.02	1	2.01	1	1.85	28	15.20	1	-2.44	1
9	Max	-196	174.17	1	-335.51	1	190.65	1	10.83	1	2.61	13	-0.68	9	12.00	1	-2.44	1
9	Max	-201	189.90	1	-295.96	1	340.94	1	2.41	28	3.54	13	-1.20	1	12.00	1	-2.42	1
9	Min.	-173	-65.18	1	-755.65	28	-329.95	1	-4.61	1	0.43	1	-0.38	9	-38.21	1	-14.16	1
9	Min.	-168	-70.64	1	-888.02	13	-243.74	1	-6.53	1	-0.87	1	0.29	1	-38.21	1	-14.19	1
9	Min.	-196	31.04	1	-867.25	13	-120.65	1	-0.72	1	1.02	1	-1.55	13	-43.18	1	-14.19	1
9	Min.	-201	34.97	1	-735.83	28	-208.27	1	0.59	1	1.74	1	-3.52	28	-43.18	1	-14.16	1
9	Max	-201	165.38	1	-670.44	5	297.01	1	1.94	1	-2.22	1	0.68	1	-20.08	1	61.96	28
9	Max	-196	279.54	13	292.39	13	808.24	28	10.13	1	3.06	28	-1.96	1	-20.08	1	61.46	28
9	Max	-224	51.27	1	259.19	28	372.66	13	1.05	1	-7.77	5	7.25	28	-15.68	1	61.46	28
9	Max	-229	-40.18	1	-689.37	5	-89.35	1	-1.44	1	-11.52	1	10.47	28	-15.68	1	61.96	28
9	Min.	-201	-2.93	1	-1224.55	13	-73.61	1	-0.77	1	-4.27	13	-1.97	1	-67.08	28	25.18	1
9	Min.	-196	87.68	1	111.13	1	371.91	1	0.19	1	1.16	1	-4.20	28	-67.08	28	24.79	1
9	Min.	-224	-131.47	1	91.66	1	202.83	5	-1.44	1	-14.14	28	3.78	9	-59.32	28	24.79	1
9	Min.	-229	-232.33	1	-1258.66	13	-275.30	28	-6.22	28	-21.54	28	4.03	1	-59.32	28	25.18	1
9	Max	-209	193.46	1	-303.52	9	77.79	28	3.49	1	0.58	1	2.16	1	0.74	5	35.81	28
9	Max	-205	193.50	1	-300.30	9	14.53	29	3.50	1	0.59	1	-0.01	1	0.74	5	35.45	28
9	Max	-233	691.53	1	-286.93	9	2.86	5	-0.27	1	-5.44	1	0.21	29	0.75	5	35.45	28
9	Max	-237	691.02	1	-290.25	9	50.99	5	-0.27	1	-5.44	1	2.97	28	0.75	5	35.81	28
9	Min.	-209	-333.99	1	-702.28	28	13.72	5	-1.68	1	-4.67	29	-0.00	1	-4.65	28	6.97	1
9	Min.	-205	-333.44	1	-619.40	28	-34.46	5	-1.68	1	-2.91	1	-2.17	1	-4.65	28	6.97	1
9	Min.	-233	-569.36	1	-598.56	28	-61.82	28	-2.02	1	-12.96	28	-2.19	1	-4.66	28	6.97	1
9	Min.	-237	-569.46	1	-681.44	28	-1.43	5	-2.43	28	-15.73	28	-0.04	1	-4.66	28	6.97	1
9	Max	-37	-23.39	1	-233.90	1	57.86	1	0.59	1	8.33	1	0.57	28	3.37	1	13.88	1
9	Max	-27	10.88	1	108.78	1	110.03	1	0.82	1	5.77	1	-0.27	9	3.37	1	13.78	1
9	Max	-89	71.81	1	114.87	1	177.77	1	-0.11	1	0.68	1	0.79	1	3.22	1	13.78	1
9	Max	-93	37.57	1	-227.81	1	125.67	1	-0.37	9	3.15	1	1.38	1	3.22	1	13.88	1
9	Min.	-37	-100.06	28	-1000.56	28	-13.97	1	-0.51	1	-6.93	1	0.27	9	-2.43	1	-10.24	1
9	Min.	-27	-136.94	1	-1369.35	1	-99.80	1	-0.69	1	-5.10	1	-0.57	28	-2.43	1	-10.32	1
9	Min.	-89	-111.92	1	-1366.84	1	-131.66	1	-0.74	28	-0.60	1	-1.83	1	-2.28	1	-10.32	1
9	Min.	-93	-72.30	1	-993.46	28	-45.90	1	-0.80	28	-2.41	1	-1.17	1	-2.28	1	-10.24	1
9	Max	-181	112.01	1	-382.34	1	40.82	1	1.78	1	0.63	1	-0.97	1	0.09	5	-2.90	1
9	Max	-177	112.09	1	-381.19	1	55.77	1	1.79	1	0.63	1	3.13	28	0.09	5	-2.90	1
9	Max	-205	174.41	1	-412.66	1	53.49	1	3.49	1	0.54	1	3.08	28	0.07	5	-2.90	1
9	Max	-209	174.15	1	-413.83	1	38.54	1	3.49	1	0.54	1	-0.97	1	0.07	5	-2.90	1
9	Min.	-181	-24.65	1	-944.75	28	-55.41	1	-6.58	1	-5.12	1	-3.53	28	-0.07	5	-9.87	13
9	Min.	-177	-24.56	1	-831.96	28	-40.25	1	-6.58	1	-5.13	1	0.96	1	-0.07	5	-9.90	13
9	Min.	-205	-345.75	1	-855.75	28	-37.96	1	-1.92	1	-5.25	1	0.96	1	-0.06	5	-9.90	13
9	Min.	-209	-345.66	1	-968.54	28	-53.12	1	-1.91	1	-5.24	1	-3.58	28	-0.06	5	-9.87	13
9	Max	-47	-23.38	1	-233.85	1	7.52	1	0.89	1	8.90	1	0.42	1	0.01	5	16.88	1
9	Max	-37	-23.39	1	-233.90	1	51.81	1	0.89	1	8.91	1	0.83	1	0.01	5	16.89	1
9	Max	-93	47.22	1	-226.84	1	63.65	5	0.99	1	2.62	1	0.83	1	0.01	29	16.89	1
9	Max	-97	47.17	1	-226.80	1	19.45	5	0.99	1	2.62	1	0.42	1	0.01	29	16.88	1
9	Min.	-47	-106.93	28	-1069.29	28	-51.92	1	-0.74	1	-7.35	1	-0.83	1	-0.02	28	-16.24	1
9	Min.	-37	-100.06	28	-1000.56	28	-7.39	1	-0.73	1	-7.35	1	-0.42	1	-0.02	28	-16.25	1
9	Min.	-93	-155.36	1	-999.24	28	-19.24	5	-0.33	1	-1.86	1	-0.42	1	-0.01	5	-16.25	1
9	Min.	-97	-155.33	1	-1067.97	28	-63.85	5	-0.33	1	-1.86	1	-0.83	1	-0.01	5	-16.24	1
9	Max	-218	367.56	28	396.00	28	-374.00	1	10.84	28	3.19	28	4.80	28	83.25	28	76.29	28
9	Max	-213	167.54	28	-676.15	9	73.33	1	1.96	1	-2.23	1	1.97	1	83.25	28	76.95	28
9	Max	-241	-40.38	1	-695.58	9	315.27	28	-1.46	1	-11.56	1	-4.07	1	72.61	28	76.95	28
9	Max	-246	51.44	1	350.77	28	-205.61	9	1.05	1	-7.81	9	-3.81	9	72.61	28	76.29	28
9	Min.	-218	88.03	1	111.83	1	-1056.88	28	0.23	1	1.17	1	1.97	1	20.26	1	24.96	1
9	Min.	-213	-2.86	1	-1604.20	28	-296.96	1	-0.77	1	-5.30	28	-0.67	1	20.26	1	25.35	1
9	Min.	-241	-284.72	28	-1649.43	28	90.73	1	-7.82	28	-27.25	28	-12.38	28	15.85	1	25.35	1
9	Min.	-246	-131.05	1	92.35	1	-487.31	28	-1.44	1	-18.51	28	-8.57	28	15.85	1	24.96	1
9	Max	-106	9.02	1	51.06	1	290.82	1	3.21	1	1.47	1	1.75	28	8.43	1	8.35	28
9	Max	-101	14.22	1	-11.69	1	287.38	1	1.83	28	1.44	1	1.17	1	8.43	1	8.84	28
9	Max	-129	32.27	28	-8.02	1	285.38	1	1.18	1	0.73	1	1.35	1	7.89	1	8.84	28
9	Max	-134	30.88	28	54.73	1	288.92	1	2.85	1	0.82	1	1.48	1	7.89	1	8.35	28
9	Min.	-106	-22.08	1	-1226.22	1	-234.31	1	-0.59	1	-1.57	1	0.53	1	-3.81	1	2.34	1
9	Min.	-101	-28.33	1	-1173.99	1	-354.92	1	0.60	1	-1.88	1	-1.57	1	-3.81	1	2.52	1
9	Min.	-129	8.81	1	-1172.94	1	-348.49	1	-3.16	1	-0.75	1	-2.35	1	-5.92	1	2.52	1
9	Min.	-134	14.84	1	-1225.17	1	-227.97	1	-4.78	1	-0.36	1	-0.25	1	-5.92	1	2.34	1
10	Max	-152	53.33	33	-324.49	1	141.08	1	0.94	1	1.77	1	-0.33	1	8.27	1	3.92	1
10	Max	-156	45.59	33	-210.08	1	237.83	1	0.95	1	0.01	1	1.96	1	8.27	1	4.26	1
10	Max	-184	10.35	1	-218.33	1	228.40	1	0.88	1	-0.48	1	0.45	1	8.28	1	4.26	1
10	Max	-180	20.33	1	-332.72	1	131.80	1	2.48	1	2.83	1	-1.77	9	8.28	1	3.92	1
10	Min.	-152	-6.10	1	-1260.42	33	-156.42	1	-2.92	1	-0.68	1	-2.61	33	-5.10	1	-6.82	1
10	Min.	-156	5.04	1	-1337.75	33	-203.38	1	-1.44	1	-1.70	18	-0.53	1	-5.10	1	-6.68	1
10	Min.	-184	-80.98	1	-1347.44	33	-203.31	1	0.10	1	-3.43	33	-0.85	24	-5.19	1	-6.68	1
10	Min.	-180	-91.29	1	-1270.11	33	-156.50	1	-2.14	1	-2.97	1	-4.34	33	-5.19	1	-6.82	1
10	Max	-124	-10.37	1	-279.42	1	130.58	1	1.55	1	0.74	1	1.94	1	3.41	1	13.36	1
10	Max	-128	2.50	1	-128.36	1	160.57	1	1.57	33	2.29	1	-0.01	1	3.41	1	13.30	1
10	Max	-156	38.94	33	-127.22	1	190.90	1	-0.16	1	1.45	33	-0.18	1	3.49	1	13.30	1
10	Max	-152	51.81	33	-278.29	1	160.98	1	0.79	1	1.67	1	2.03	18	3.49	1	13.36	1
10	Min.	-124	-36.51	18	-1283.62	33	-103.23	1	-1.06	1	-0.22	1	-0.44	1	-6.30	1	-2.89	1
10	Min.	-128	-47.58	1	-1412.38	33	-201.14	1	-0.21	1	-0.72	1	-4.11	33	-6.30	1	-3.52	1
10	Min.	-156	9.66	1	-1404.33	33	-223.52	1	-1.23	33	-0.10	1	-3.60	33	-6.38	1	-3.52	1
10	Min.	-152	-1.45	1	-1275.57	33	-125.68	1	-2.82	1	-1.83	1	0.14	1	-6.38	1	-2.89	1
10	Max	-144	55.34	33	-210.38	1	203.46	1	0.05	1	0.01	1	0.54	1	5.07	1	4.25	1
10	Max	-148	37.82	1	-324.74	1	156.35	1	0.									

Relazione di Calcolo – Ponte Torrente Gogna

10	Max	-180	108.67	33	-325.62	1	44.56	1	1.97	1	2.97	1	-1.08	1	0.28	5	18.40	33
10	Max	-176	124.84	33	-325.86	1	66.23	1	1.97	1	2.96	1	4.04	33	0.28	5	18.74	33
10	Min.	-148	-48.27	13	-1108.49	33	-45.27	1	-3.43	1	-0.50	1	1.09	1	-0.95	23	0.15	1
10	Min.	-152	-56.31	18	-1270.16	33	-67.07	1	-3.43	1	-0.51	1	-3.63	33	-0.95	23	0.16	1
10	Min.	-180	-18.96	1	-1254.89	33	-66.27	1	-6.38	1	-3.62	1	-3.27	33	-0.89	23	0.16	1
10	Min.	-176	-19.01	1	-1093.21	33	-44.48	1	-6.38	1	-3.61	1	1.08	1	-0.89	23	0.15	1
10	Max	-195	291.68	18	314.70	18	-364.47	1	10.19	33	3.85	33	4.85	18	75.48	18	69.02	33
10	Max	-200	165.63	1	-657.91	5	75.45	1	2.27	34	-2.20	1	1.97	1	75.48	18	69.55	33
10	Max	-228	-38.45	1	-676.17	5	313.74	18	-1.45	1	-11.34	1	-4.06	1	67.25	18	69.55	33
10	Max	-223	51.86	1	280.24	18	-197.78	5	1.05	1	-7.61	5	-3.77	9	67.25	18	69.02	33
10	Min.	-195	86.86	1	108.61	1	-886.24	18	0.23	1	1.15	1	1.94	1	20.11	1	24.78	1
10	Min.	-200	-3.49	1	-1315.60	18	-299.02	1	-0.75	1	-4.69	18	-0.67	1	20.11	1	25.17	1
10	Min.	-228	-233.49	1	-1350.07	18	90.58	1	-6.98	18	-23.69	18	-12.09	18	15.73	1	25.17	1
10	Min.	-223	-131.72	1	89.58	1	-385.42	18	-1.44	1	-15.21	18	-8.34	18	15.73	1	24.78	1
10	Max	-24	11.42	1	114.15	1	101.21	1	0.81	1	5.74	1	0.66	33	2.38	1	13.69	1
10	Max	-34	-23.41	1	-234.15	1	15.61	1	0.59	1	8.26	1	-0.27	9	2.38	1	13.78	1
10	Max	-92	37.63	1	-228.07	1	49.13	1	-0.38	9	3.12	1	1.15	1	2.23	1	13.78	1
10	Max	-88	72.35	1	120.24	1	134.66	1	-0.10	1	0.68	1	1.81	1	2.23	1	13.69	1
10	Min.	-24	-137.49	1	-1374.88	1	-111.49	1	-0.69	1	-5.07	1	0.28	9	-3.33	1	-10.22	1
10	Min.	-34	-117.39	33	-1173.91	33	-59.48	1	-0.51	1	-6.86	1	-0.67	33	-3.33	1	-10.14	1
10	Min.	-92	-72.35	1	-1165.55	33	-128.88	1	-0.93	33	-2.38	1	-1.36	1	-3.17	1	-10.14	1
10	Min.	-88	-112.47	1	-1372.37	1	-180.83	1	-0.84	33	-0.59	1	-0.76	1	-3.17	1	-10.22	1
10	Max	-172	26.76	1	-306.19	1	222.58	1	2.08	33	3.28	18	4.89	18	15.63	33	11.22	18
10	Max	-176	34.03	1	-387.24	1	132.45	1	2.16	1	0.38	1	0.06	24	15.63	33	11.74	18
10	Max	-204	295.06	1	-385.40	1	95.15	1	-0.06	1	0.41	1	-1.47	1	15.49	33	11.74	18
10	Max	-200	286.90	1	-304.79	1	185.28	1	-1.53	1	2.33	13	1.13	1	15.49	33	11.22	18
10	Min.	-172	-89.12	1	-822.60	18	-199.41	1	0.39	1	1.34	1	1.96	1	-0.88	1	3.35	1
10	Min.	-176	-96.61	1	-1048.37	33	-144.54	1	-2.39	1	-5.11	33	-0.85	18	-0.88	1	3.72	1
10	Min.	-204	-81.01	1	-1027.24	33	-113.32	1	-5.36	1	-6.77	33	-6.29	18	-0.92	1	3.72	1
10	Min.	-200	-72.64	1	-800.23	33	-168.19	1	-3.18	18	0.78	24	-1.63	1	-0.92	1	3.35	1
10	Max	-139	30.84	1	-196.44	1	285.09	1	9.28	1	1.72	1	3.81	33	30.25	1	19.89	18
10	Max	-144	27.91	1	-216.27	1	346.06	1	4.71	33	0.09	1	1.45	1	30.25	1	20.22	18
10	Max	-172	13.09	1	-216.38	1	311.86	1	2.38	1	-1.12	1	-0.49	1	28.63	1	20.22	18
10	Max	-167	16.40	1	-196.56	1	250.35	1	6.94	1	-0.19	1	0.66	18	28.63	1	19.89	18
10	Min.	-139	-52.33	1	-808.61	18	-208.36	1	-3.41	1	-1.01	1	1.14	1	-13.41	1	8.87	9
10	Min.	-144	-54.39	1	-897.53	33	-347.68	1	-0.28	1	-1.20	1	-0.77	1	-13.41	1	9.11	9
10	Min.	-172	-56.76	1	-897.72	33	-358.43	1	-3.80	1	-3.09	33	-2.34	18	-15.99	1	9.11	9
10	Min.	-167	-55.07	1	-808.61	18	-218.57	1	-7.44	1	-0.97	1	0.29	5	-15.99	1	8.87	9
10	Max	-111	49.15	33	-114.22	1	222.80	1	3.80	1	1.52	1	-0.17	1	15.40	1	-10.89	1
10	Max	-116	43.58	1	-129.11	1	346.18	1	0.36	1	1.54	1	2.94	1	15.40	1	-11.19	1
10	Max	-144	11.96	1	-133.25	1	366.35	1	5.06	33	1.74	33	4.73	33	17.72	1	-11.19	1
10	Max	-139	13.13	1	-118.36	1	241.85	1	8.81	1	0.94	1	0.34	1	17.72	1	-10.89	1
10	Min.	-111	-2.38	1	-972.24	1	-315.79	1	-5.36	1	-1.88	1	-2.14	18	-18.78	1	-26.32	33
10	Min.	-116	-3.82	1	-984.10	1	-324.89	1	-2.69	1	-0.56	1	-0.62	1	-18.78	1	-26.75	33
10	Min.	-144	-46.17	1	-987.36	1	-300.91	1	-0.49	1	0.72	1	0.84	1	-17.80	1	-26.75	33
10	Min.	-139	-44.66	1	-975.50	1	-290.70	1	-2.98	1	-0.70	1	-0.54	1	-17.80	1	-26.32	33
10	Max	-83	9.16	1	56.71	1	291.46	1	3.19	1	1.46	1	1.93	33	8.35	1	9.93	18
10	Max	-88	14.46	1	-7.20	1	289.14	1	2.29	33	1.44	1	1.16	1	8.35	1	10.11	18
10	Max	-116	35.14	33	-3.52	1	287.02	1	1.18	1	0.73	1	1.34	1	7.74	1	10.11	18
10	Max	-111	41.06	33	60.39	1	289.35	1	2.82	1	0.82	1	1.48	33	7.74	1	9.93	18
10	Min.	-83	-22.20	1	-1231.73	1	-234.98	1	-0.56	1	-1.57	1	0.54	1	-3.73	1	2.26	1
10	Min.	-88	-28.56	1	-1178.33	1	-356.69	1	0.60	1	-1.89	1	-1.55	1	-3.73	1	2.45	1
10	Min.	-116	8.71	1	-1177.30	1	-350.15	1	-3.16	1	-0.75	1	-2.34	1	-5.77	1	2.45	1
10	Min.	-111	14.57	1	-1230.70	1	-228.46	1	-4.75	1	-0.36	1	-0.23	1	-5.77	1	2.26	1
10	Max	-88	60.48	1	1.65	1	108.70	1	0.55	1	2.36	1	1.04	1	1.02	1	6.17	1
10	Max	-92	35.19	1	-252.31	1	81.99	1	-0.10	1	3.10	1	2.04	33	1.02	1	6.07	1
10	Max	-120	-8.24	1	-256.85	1	115.10	1	1.37	1	1.14	33	2.66	33	1.20	1	6.07	1
10	Max	-116	15.02	1	-2.90	1	141.40	1	1.11	33	0.21	1	1.50	1	1.20	1	6.17	1
10	Min.	-88	-94.13	1	-1189.13	1	-189.48	1	-1.26	1	-2.68	1	-1.99	1	-2.17	1	-11.12	1
10	Min.	-92	-65.51	1	-1151.29	33	-97.51	1	-1.11	33	-2.36	1	-0.16	1	-2.17	1	-11.20	1
10	Min.	-120	-49.50	18	-1152.80	33	-93.68	1	-0.69	1	0.27	5	-0.05	1	-2.27	1	-11.20	1
10	Min.	-116	-66.87	1	-1186.40	1	-185.24	1	0.13	1	-0.32	1	-1.87	1	-2.27	1	-11.12	1
10	Max	-14	41.82	1	418.19	1	-18.96	1	0.43	1	4.56	1	-0.05	1	0.17	1	4.85	1
10	Max	-24	11.42	1	114.15	1	93.51	1	0.56	1	5.19	1	0.56	33	0.17	1	4.72	1
10	Max	-88	-3.78	1	111.39	1	315.14	1	2.62	33	1.38	1	1.68	1	0.82	1	4.72	1
10	Max	-83	14.24	1	415.43	1	202.50	1	2.51	33	0.74	1	0.71	1	0.82	1	4.85	1
10	Min.	-14	-175.58	1	-1755.82	1	-122.86	33	-0.56	1	-4.32	1	-0.58	33	-3.59	1	-9.69	1
10	Min.	-24	-137.49	1	-1374.88	1	-111.51	1	-0.35	1	-4.60	1	0.04	1	-3.59	1	-9.76	1
10	Min.	-88	-25.38	33	-1361.57	1	-348.08	1	0.18	1	-0.90	1	-0.47	1	-2.63	23	-9.76	1
10	Min.	-83	-42.49	1	-1742.50	1	-344.96	1	0.07	1	-0.69	1	-0.57	1	-2.63	23	-9.69	1
10	Max	-44	-23.42	1	-234.21	1	59.38	1	0.59	1	8.26	1	0.67	33	3.33	1	13.76	1
10	Max	-54	11.40	1	114.00	1	111.48	1	0.81	1	5.74	1	-0.28	9	3.33	1	13.68	1
10	Max	-100	72.33	1	120.08	1	180.71	1	-0.10	1	0.68	1	0.76	1	3.17	1	13.68	1
10	Max	-96	37.56	1	-228.13	1	128.71	1	-0.38	9	3.12	1	1.36	1	3.17	1	13.76	1
10	Min.	-44	-131.52	33	-1315.17	33	-15.51	1	-0.51	1	-6.86	1	0.27	9	-2.38	1	-10.13	1
10	Min.	-54	-151.50	33	-1515.03	33	-101.20	1	-0.69	1	-5.07	1	-0.68	33	-2.38	1	-10.22	1
10	Min.	-100	-112.42	1	-1504.35	33	-134.55	1	-0.85	18	-0.60	1	-1.81	1	-2.23	1	-10.22	1
10	Min.	-96	-72.29	1	-1304.49	33	-48.95	1	-0.95	33	-2.38	1	-1.15	1	-2.23	1	-10.13	1
10	Max	-92	44.83	1	-251.34	1	56.37	5	0.90	1	3.89	1	2.32	33	0.08	5	19.34	1
10	Max	-96	44.79	1	-251.31	1	36.72	5	0.90	1	3.89	1	0.11	1	0.08	5	19.35	1
10	Max	-124	65.31	1														

Relazione di Calcolo – Ponte Torrente Gogna

10	Max	-212	288.32	33	-293.70	1	342.67	1	3.53	33	5.07	18	-1.17	1	11.69	1	-2.28	1
10	Min.	-184	-65.25	1	-1268.81	33	-330.96	1	-4.65	1	0.42	1	-1.66	24	-37.88	1	-21.80	33
10	Min.	-189	-74.46	18	-1509.97	33	-243.87	1	-6.46	1	-0.87	1	0.28	1	-37.88	1	-21.85	33
10	Min.	-217	30.41	1	-1476.59	33	-121.30	1	-0.65	1	1.03	1	-1.72	18	-48.02	33	-21.85	33
10	Min.	-212	34.24	1	-1235.43	33	-209.71	1	0.60	1	1.70	1	-4.73	33	-48.02	33	-21.80	33
10	Max	-212	208.12	33	-653.74	5	356.67	33	2.16	34	-2.19	1	0.67	1	-19.99	1	100.64	33
10	Max	-217	463.07	33	512.06	33	1369.60	33	14.65	33	4.27	33	-1.93	1	-19.99	1	99.78	33
10	Max	-245	52.14	1	455.39	33	610.55	33	1.05	1	-7.53	5	11.16	33	-15.63	1	99.78	33
10	Max	-240	-37.98	1	-671.87	5	-89.75	1	-1.45	1	-11.30	1	16.41	33	-15.63	1	100.64	33
10	Min.	-212	-3.55	1	-2037.44	33	-75.65	1	-0.77	1	-6.59	33	-1.96	1	-107.66	33	25.11	1
10	Min.	-217	86.62	1	108.10	1	363.53	1	0.23	1	1.16	1	-5.92	33	-107.66	33	24.73	1
10	Min.	-245	-131.95	1	89.12	1	196.68	5	-1.44	1	-23.61	33	3.76	9	-93.96	33	24.73	1
10	Min.	-240	-358.60	33	-2094.12	33	-402.39	33	-10.24	33	-34.79	33	4.05	1	-93.96	33	25.11	1
10	Max	-156	27.94	1	-215.96	1	347.72	1	4.65	33	0.09	1	0.77	1	13.35	1	22.87	33
10	Max	-161	30.88	1	-196.15	1	208.63	1	9.27	1	1.72	1	-1.15	1	13.35	1	22.06	33
10	Max	-189	16.48	1	-196.26	1	218.65	1	6.95	1	-0.18	1	-0.25	5	16.01	1	22.06	33
10	Max	-184	13.20	1	-216.07	1	358.35	1	2.39	1	-1.13	1	1.96	18	16.01	1	22.87	33
10	Min.	-156	-54.44	1	-1344.18	33	-346.07	1	-0.28	1	-1.20	1	-1.45	1	-30.19	1	9.08	9
10	Min.	-161	-52.38	1	-1296.94	33	-285.35	1	-3.41	1	-1.01	1	-4.33	33	-30.19	1	8.85	9
10	Min.	-189	-55.13	1	-1300.40	33	-250.50	1	-7.45	1	-1.49	18	-1.69	23	-28.66	1	8.85	9
10	Min.	-184	-56.86	1	-1347.65	33	-311.83	1	-3.80	1	-3.57	18	0.48	1	-28.66	1	9.08	9
10	Max	-200	262.68	1	-660.24	5	49.55	1	-2.05	1	-2.46	1	-1.75	1	-0.59	24	29.06	33
10	Max	-204	315.94	1	-275.82	1	86.91	1	-0.23	1	0.27	1	1.39	1	-0.59	24	27.79	33
10	Max	-232	311.24	1	-306.20	9	362.38	18	0.94	1	-6.69	1	3.33	13	-0.67	24	27.79	33
10	Max	-228	265.43	1	-684.86	5	279.66	18	-0.59	1	-10.40	9	-0.30	1	-0.67	24	29.06	33
10	Min.	-200	-110.66	1	-1314.57	18	-122.90	1	-4.42	18	-7.06	18	-6.90	18	-9.12	13	8.76	1
10	Min.	-204	-70.74	1	-778.35	33	-42.60	1	-4.40	1	-2.98	34	-1.17	1	-9.12	13	7.09	1
10	Min.	-232	-519.73	1	-816.63	33	186.50	24	-2.05	1	-16.59	33	-0.15	24	-9.14	13	7.09	1
10	Min.	-228	-567.10	1	-1355.29	18	154.13	24	-1.22	18	-21.38	18	-4.40	33	-9.14	13	8.76	1
10	Max	-34	-23.41	1	-234.15	1	9.05	1	0.88	1	8.83	1	0.41	1	0.04	24	16.75	1
10	Max	-44	-23.42	1	-234.21	1	53.34	1	0.88	1	8.83	1	0.83	1	0.04	24	16.74	1
10	Max	-96	47.23	1	-227.16	1	73.65	5	0.99	1	2.60	1	0.83	1	0.01	5	16.74	1
10	Max	-92	47.27	1	-227.09	1	29.49	5	0.99	1	2.59	1	0.41	1	0.01	5	16.75	1
10	Min.	-34	-117.39	33	-1173.91	33	-53.43	1	-0.73	1	-7.28	1	-0.83	1	-0.01	5	-16.10	1
10	Min.	-44	-131.52	33	-1315.17	33	-8.94	1	-0.73	1	-7.28	1	-0.41	1	-0.01	5	-16.10	1
10	Min.	-96	-155.29	1	-1312.74	33	-29.25	5	-0.32	1	-1.84	1	-0.41	1	-0.02	18	-16.10	1
10	Min.	-92	-155.36	1	-1171.48	33	-73.87	5	-0.32	1	-1.84	1	-0.83	1	-0.02	18	-16.10	1
10	Max	-176	131.27	33	-380.19	1	42.43	1	1.73	1	0.58	1	-0.98	1	0.28	18	-3.06	1
10	Max	-180	111.93	1	-379.74	1	57.46	1	1.73	1	0.57	1	4.20	33	0.28	18	-3.05	1
10	Max	-208	175.18	1	-409.98	1	54.31	1	3.50	1	0.52	1	4.42	33	0.21	18	-3.05	1
10	Max	-204	175.13	1	-410.42	1	39.26	1	3.50	1	0.52	1	-0.99	1	0.21	18	-3.06	1
10	Min.	-176	-24.50	1	-1028.94	33	-57.47	1	-6.53	1	-5.46	33	-3.51	18	-0.17	24	-11.24	18
10	Min.	-180	-24.45	1	-1277.84	33	-42.35	1	-6.52	1	-5.14	33	0.99	1	-0.17	24	-11.12	18
10	Min.	-208	-346.43	1	-1306.49	33	-44.72	23	-1.93	1	-6.18	33	0.99	1	-0.24	24	-11.12	18
10	Min.	-204	-346.43	1	-1057.59	33	-99.67	24	-1.93	1	-6.44	33	-3.62	18	-0.24	24	-11.24	18
10	Max	-204	194.18	1	-299.23	1	35.56	5	3.52	1	0.60	1	2.18	1	11.97	24	41.34	33
10	Max	-208	194.21	1	-299.77	1	-10.88	5	3.51	1	0.61	1	0.02	1	11.97	24	42.16	33
10	Max	-236	691.84	1	-281.96	1	41.47	19	-0.26	1	-5.30	1	0.08	1	11.98	24	42.16	33
10	Max	-232	691.83	1	-281.45	1	115.90	18	-0.27	1	-5.34	1	2.23	1	11.98	24	41.34	33
10	Min.	-204	-334.32	1	-808.70	33	-72.55	24	-1.71	1	-2.96	1	-0.02	1	-1.05	5	6.67	1
10	Min.	-208	-334.29	1	-1045.12	33	-126.90	23	-1.70	1	-9.10	24	-2.18	1	-1.05	5	6.66	1
10	Min.	-236	-570.33	1	-1028.32	33	-55.73	5	-3.34	33	-22.55	33	-4.50	23	-1.06	5	6.66	1
10	Min.	-232	-570.39	1	-791.90	33	-8.19	5	-2.24	18	-16.15	33	-2.37	24	-1.06	5	6.67	1
10	Max	-128	44.23	33	-128.97	1	324.97	1	0.36	1	1.54	1	0.62	1	18.83	1	-11.21	1
10	Max	-133	44.74	1	-114.03	1	315.67	1	3.81	1	1.52	1	2.38	18	18.83	1	-10.90	1
10	Max	-161	13.15	1	-118.18	1	290.64	1	8.80	1	0.94	1	0.54	1	17.76	1	-10.90	1
10	Max	-156	11.97	1	-133.11	1	301.15	1	5.08	33	2.54	33	-0.85	1	17.76	1	-11.21	1
10	Min.	-128	-3.76	1	-1403.80	33	-346.27	1	-2.69	1	-0.56	1	-2.94	1	-15.44	1	-30.93	33
10	Min.	-133	-2.29	1	-1414.63	33	-222.70	1	-5.36	1	-1.88	1	0.17	1	-15.44	1	-29.23	33
10	Min.	-161	-44.69	1	-1421.59	33	-241.78	1	-2.98	1	-0.69	1	-0.34	1	-17.68	1	-29.23	33
10	Min.	-156	-46.20	1	-1410.76	33	-366.57	1	-0.49	1	0.71	1	-5.14	33	-17.68	1	-30.93	33
10	Max	-180	34.14	1	-386.77	1	144.57	1	2.15	1	0.36	1	1.14	23	0.84	1	14.91	33
10	Max	-184	26.97	1	-305.68	1	199.61	1	1.77	33	3.96	33	-1.95	1	0.84	1	13.93	33
10	Max	-212	294.49	33	-304.30	1	168.29	1	-1.49	5	3.39	18	1.63	1	0.88	1	13.93	33
10	Max	-208	295.04	1	-384.97	1	113.32	1	-0.07	1	0.41	1	7.56	33	0.88	1	14.91	33
10	Min.	-180	-96.75	1	-1293.06	33	-132.46	1	-2.38	1	-5.08	33	0.35	1	-17.94	33	3.71	1
10	Min.	-184	-89.35	1	-1268.60	33	-222.82	1	0.38	1	1.33	1	-6.28	33	-17.94	33	3.35	1
10	Min.	-212	-72.86	1	-1234.81	33	-185.49	1	-4.83	33	1.11	1	-1.12	1	-17.73	33	3.35	1
10	Min.	-208	-81.23	1	-1259.27	33	-95.19	1	-7.74	33	-6.59	33	1.48	1	-17.73	33	3.71	1
10	Max	-208	318.18	33	-276.38	1	42.81	1	-0.23	1	0.28	1	1.18	1	11.52	18	32.85	33
10	Max	-212	262.61	1	-656.11	5	196.88	23	-2.03	1	-2.46	1	9.07	33	11.52	18	36.06	33
10	Max	-240	265.97	1	-680.61	5	-152.16	5	-0.57	5	-10.28	5	6.35	23	11.52	18	36.06	33
10	Max	-236	311.43	1	-306.94	9	-200.72	5	0.94	1	-6.64	1	-1.12	1	11.52	18	32.85	33
10	Min.	-208	-70.95	1	-997.90	33	-87.12	1	-7.15	33	-7.24	24	-1.40	1	1.57	24	7.00	1
10	Min.	-212	-110.76	1	-2036.83	33	-49.69	1	-6.77	33	-10.74	33	1.77	1	1.57	24	8.66	1
10	Min.	-240	-567.31	1	-2104.06	33	-448.82	18	-1.86	18	-30.69	33	0.30	1	1.63	24	8.66	1
10	Min.	-236	-519.62	1	-1065.13	33	-614.61	18	-2.16	23	-25.16	33	-4.64	18	1.63	24	7.00	1
10	Max	-54	11.40	1	114.00	1	111.47	1	0.57	1	5.19	1	-0.04	1	4.67	33	4.72	1
10	Max	-64	41.79	1	417.89	1	147.58	33	0.44	1	4.56	1	0.63	33	4.67	33	4.85	1
10	Max																	

Relazione di Calcolo – Ponte Torrente Gogna

11	Min.	-187	-74.46	18	-1509.97	33	-179.55	1	-6.47	1	-0.87	1	-1.91	18	-14.95	1	-21.85	33
11	Min.	-183	-65.14	1	-1268.81	33	-329.17	1	-4.64	1	0.42	1	0.04	5	-14.95	1	-21.80	33
11	Min.	-211	33.61	1	-1235.43	33	-342.30	1	0.59	1	1.71	1	1.18	1	-11.78	1	-21.80	33
11	Min.	-215	29.84	1	-1476.59	33	-191.36	1	-0.68	1	1.02	1	0.68	5	-11.78	1	-21.85	33
11	Max	-215	463.07	33	512.06	33	-366.26	1	14.65	33	4.27	33	5.92	33	107.66	33	99.78	33
11	Max	-211	208.12	33	-652.70	5	75.02	1	2.16	34	-2.18	1	1.96	1	107.66	33	100.64	33
11	Max	-239	-38.72	1	-670.81	5	402.39	33	-1.43	1	-11.24	1	-4.02	1	93.96	33	100.64	33
11	Max	-243	51.94	1	455.39	33	-196.51	5	1.05	1	-7.52	5	-3.76	9	93.96	33	99.78	33
11	Min.	-215	85.66	1	109.23	1	-1369.60	33	0.20	1	1.15	1	1.92	1	19.76	1	24.53	1
11	Min.	-211	-3.99	1	-2037.44	33	-356.67	33	-0.77	1	-6.59	33	-0.67	1	19.76	1	24.91	1
11	Min.	-239	-358.60	33	-2094.12	33	88.86	1	-10.24	33	-34.79	33	-16.41	33	15.43	1	24.91	1
11	Min.	-243	-131.75	1	90.14	1	-610.55	33	-1.44	1	-23.61	33	-11.16	33	15.43	1	24.53	1
11	Max	-52	11.64	1	116.37	1	101.21	1	0.81	1	5.74	1	0.68	33	2.38	1	13.69	1
11	Max	-42	-23.20	1	-231.95	1	15.41	1	0.59	1	8.27	1	-0.27	9	2.38	1	13.77	1
11	Max	-95	37.60	1	-225.90	1	48.78	1	-0.38	9	3.13	1	1.15	1	2.23	1	13.77	1
11	Max	-99	72.38	1	122.44	1	134.49	1	-0.10	1	0.68	1	1.81	1	2.23	1	13.69	1
11	Min.	-52	-151.50	33	-1515.03	33	-111.49	1	-0.69	1	-5.07	1	0.28	9	-3.33	1	-10.23	1
11	Min.	-42	-131.52	33	-1315.17	33	-59.28	1	-0.51	1	-6.86	1	-0.67	33	-3.33	1	-10.14	1
11	Min.	-95	-72.33	1	-1304.49	33	-128.53	1	-0.95	33	-2.38	1	-1.36	1	-3.17	1	-10.14	1
11	Min.	-99	-112.47	1	-1504.35	33	-180.65	1	-0.85	18	-0.60	1	-0.77	1	-3.17	1	-10.23	1
11	Max	-159	30.81	1	-193.98	1	285.56	1	9.29	1	1.72	1	4.33	33	30.24	1	22.06	33
11	Max	-155	27.86	1	-213.66	1	346.06	1	4.65	33	0.08	1	1.45	1	30.24	1	22.87	33
11	Max	-183	13.09	1	-213.77	1	311.69	1	2.38	1	-1.12	1	-0.49	1	28.69	1	22.87	33
11	Max	-187	16.39	1	-194.09	1	250.58	1	6.95	1	-0.19	1	1.69	23	28.69	1	22.06	33
11	Min.	-159	-52.31	1	-1296.94	33	-208.84	1	-3.42	1	-1.01	1	1.14	1	-13.40	1	8.84	9
11	Min.	-155	-54.36	1	-1344.18	33	-347.71	1	-0.29	1	-1.19	1	-0.77	1	-13.40	1	9.07	9
11	Min.	-183	-56.75	1	-1347.65	33	-358.21	1	-3.80	1	-3.57	18	-1.96	18	-16.04	1	9.07	9
11	Min.	-187	-55.04	1	-1300.40	33	-218.73	1	-7.45	1	-1.49	18	0.25	5	-16.04	1	8.84	9
11	Max	-131	44.86	1	-111.77	1	222.44	1	3.80	1	1.52	1	-0.18	1	15.43	1	-10.85	1
11	Max	-127	44.23	33	-126.63	1	346.33	1	0.35	1	1.55	1	2.95	1	15.43	1	-11.15	1
11	Max	-155	11.89	1	-130.76	1	366.75	1	5.08	33	2.54	33	5.14	33	17.68	1	-11.15	1
11	Max	-159	13.07	1	-115.90	1	241.65	1	8.82	1	0.94	1	0.34	1	17.68	1	-10.85	1
11	Min.	-131	-2.41	1	-1414.63	33	-315.42	1	-5.36	1	-1.88	1	-2.38	18	-18.82	1	-29.23	33
11	Min.	-127	-3.87	1	-1403.80	33	-325.03	1	-2.68	1	-0.56	1	-0.62	1	-18.82	1	-30.93	33
11	Min.	-155	-46.12	1	-1410.76	33	-301.33	1	-0.51	1	0.70	1	0.83	1	-17.77	1	-30.93	33
11	Min.	-159	-44.61	1	-1421.59	33	-290.50	1	-2.99	1	-0.69	1	-0.54	1	-17.77	1	-29.23	33
11	Max	-62	42.04	1	420.41	1	-19.38	1	0.44	1	4.56	1	-0.05	1	0.17	1	4.83	1
11	Max	-52	11.64	1	116.37	1	93.48	1	0.57	1	5.19	1	0.55	33	0.17	1	4.70	1
11	Max	-99	-3.83	1	113.59	1	315.07	1	2.44	33	1.39	1	1.68	1	0.83	1	4.70	1
11	Max	-103	14.27	1	417.63	1	202.04	1	2.87	33	0.74	1	0.71	1	0.83	1	4.83	1
11	Min.	-62	-175.72	1	-1757.22	1	-147.58	33	-0.56	1	-4.32	1	-0.63	33	-4.67	33	-9.67	1
11	Min.	-52	-151.50	33	-1515.03	33	-111.47	1	-0.35	1	-4.60	1	0.04	1	-4.67	33	-9.74	1
11	Min.	-99	-17.40	18	-1501.37	33	-348.00	1	0.17	1	-0.90	1	-0.47	1	-1.82	1	-9.74	1
11	Min.	-103	-42.52	1	-1743.90	1	-344.48	1	0.07	1	-0.69	1	-0.57	1	-1.82	1	-9.67	1
11	Max	-179	112.17	1	-377.56	1	42.30	1	1.74	1	0.59	1	-0.98	1	0.17	24	-3.02	1
11	Max	-175	131.27	33	-378.01	1	57.42	1	1.75	1	0.60	1	3.51	18	0.17	24	-3.02	1
11	Max	-203	174.68	1	-408.26	1	99.67	24	3.50	1	0.53	1	3.62	18	0.24	24	-3.02	1
11	Max	-207	174.72	1	-407.81	1	44.72	23	3.50	1	0.53	1	-0.98	1	0.24	24	-3.02	1
11	Min.	-179	-24.69	1	-1277.84	33	-57.41	1	-6.54	1	-5.14	33	-4.20	33	-0.28	18	-11.12	18
11	Min.	-175	-24.74	1	-1028.94	33	-42.38	1	-6.54	1	-5.46	33	0.97	1	-0.28	18	-11.24	18
11	Min.	-203	-345.97	1	-1057.59	33	-39.21	1	-1.93	1	-6.44	33	0.98	1	-0.21	18	-11.24	18
11	Min.	-207	-345.97	1	-1306.49	33	-54.26	1	-1.92	1	-6.18	33	-4.42	33	-0.21	18	-11.12	18
11	Max	-207	193.81	1	-298.72	1	126.90	23	3.50	1	0.62	1	2.18	1	1.05	5	42.16	33
11	Max	-203	193.78	1	-298.17	1	72.55	24	3.51	1	0.60	1	0.02	1	1.05	5	41.34	33
11	Max	-231	692.15	1	-282.69	1	8.23	5	-0.26	1	-5.38	1	2.37	24	1.06	5	41.34	33
11	Max	-235	692.16	1	-283.19	1	55.76	5	-0.25	1	-5.34	1	4.50	23	1.06	5	42.16	33
11	Min.	-207	-333.89	1	-1045.12	33	10.85	5	-1.70	1	-9.10	24	-0.01	1	-11.97	24	6.77	1
11	Min.	-203	-333.92	1	-808.70	33	-35.59	5	-1.70	1	-2.97	1	-2.18	18	-11.97	24	6.77	1
11	Min.	-231	-570.72	1	-791.90	33	-115.90	18	-2.24	18	-16.15	33	-2.22	1	-11.98	24	6.77	1
11	Min.	-235	-570.66	1	-1028.32	33	-41.47	19	-3.34	33	-22.55	33	-0.07	1	-11.98	24	6.77	1
11	Max	-32	-23.19	1	-231.89	1	59.37	1	0.59	1	8.27	1	0.67	33	3.33	1	13.79	1
11	Max	-22	11.65	1	116.53	1	111.50	1	0.81	1	5.74	1	-0.28	9	3.33	1	13.70	1
11	Max	-87	72.41	1	122.60	1	180.77	1	-0.10	1	0.68	1	0.77	1	3.17	1	13.70	1
11	Max	-91	37.67	1	-225.83	1	128.71	1	-0.38	9	3.12	1	1.36	1	3.17	1	13.79	1
11	Min.	-32	-117.39	33	-1173.91	33	-15.51	1	-0.51	1	-6.87	1	0.27	9	-2.38	1	-10.15	1
11	Min.	-22	-137.72	1	-1377.25	1	-101.22	1	-0.69	1	-5.07	1	-0.66	33	-2.38	1	-10.23	1
11	Min.	-87	-112.52	1	-1374.73	1	-134.60	1	-0.84	33	-0.59	1	-1.81	1	-2.23	1	-10.23	1
11	Min.	-91	-72.39	1	-1165.55	33	-48.95	1	-0.93	33	-2.38	1	-1.15	1	-2.23	1	-10.15	1
11	Max	-175	33.85	1	-385.02	1	144.50	1	2.16	1	0.39	1	0.85	18	0.93	1	11.74	18
11	Max	-171	26.59	1	-303.91	1	199.46	1	2.08	33	3.28	18	-1.95	1	0.93	1	11.22	18
11	Max	-199	287.50	1	-302.59	1	168.22	1	-1.53	1	2.33	13	1.63	1	0.96	1	11.22	18
11	Max	-203	295.66	1	-383.29	1	113.26	1	-0.04	1	0.43	1	6.29	18	0.96	1	11.74	18
11	Min.	-175	-96.42	1	-1048.37	33	-132.41	1	-2.40	1	-5.11	33	-0.06	24	-15.63	33	3.69	1
11	Min.	-171	-88.94	1	-822.60	18	-222.63	1	0.38	1	1.33	1	-4.89	18	-15.63	33	3.32	1
11	Min.	-199	-73.24	1	-800.23	33	-185.31	1	-3.18	18	0.78	24	-1.13	1	-15.49	33	3.32	1
11	Min.	-203	-81.62	1	-1027.24	33	-95.09	1	-5.37	1	-6.77	33	1.45	1	-15.49	33	3.69	1
11	Max	-203	316.61	1	-274.56	1	42.71	1	-0.21	1	0.28	1	1.17	1	9.12	13	27.79	33
11	Max	-199	263.09	1	-659.26	5	122.69	1	-2.03	1	-2.44	1	6.90	18	9.12	13	29.06	33
11	Max	-227	264.60	1	-684.13	5	-154.06	5	-0.59	1	-10.40	9	4.40	33	9.14	13	29.06	33
11	Max	-231	310.66	1	-306.20	9	-186.50	24	0.95</									

Relazione di Calcolo – Ponte Torrente Gogna

11 Min.	-193	85.90	1	109.73	1	367.19	1	0.20	1	1.14	1	-4.85	18	-75.48	18	24.58	1
11 Min.	-221	-131.52	1	90.60	1	197.61	5	-1.44	1	-15.21	18	3.77	9	-67.25	18	24.58	1
11 Min.	-227	-232.75	1	-1350.07	18	-313.74	18	-6.98	18	-23.69	18	4.02	1	-67.25	18	24.96	1
11 Max	-183	26.79	1	-303.39	1	222.88	1	1.77	33	3.96	33	6.28	33	17.94	33	13.93	33
11 Max	-179	33.96	1	-384.56	1	132.42	1	2.15	1	0.38	1	-0.35	1	17.94	33	14.91	33
11 Max	-207	295.64	1	-382.86	1	95.13	1	-0.05	1	0.42	1	-1.46	1	17.73	33	14.91	33
11 Max	-211	294.49	33	-302.10	1	185.53	1	-1.49	5	3.39	18	1.12	1	17.73	33	13.93	33
11 Min.	-183	-89.17	1	-1268.60	33	-199.66	1	0.38	1	1.32	1	1.94	1	-0.89	1	3.32	1
11 Min.	-179	-96.57	1	-1293.06	33	-144.53	1	-2.38	1	-5.08	33	-1.14	23	-0.89	1	3.68	1
11 Min.	-207	-81.83	1	-1259.27	33	-113.26	1	-7.74	33	-6.59	33	-7.56	33	-0.92	1	3.68	1
11 Min.	-211	-73.47	1	-1234.81	33	-168.33	1	-4.83	33	1.12	1	-1.63	1	-0.92	1	3.32	1
11 Max	-211	263.01	1	-655.12	5	49.48	1	-2.02	1	-2.44	1	-1.75	1	-1.57	24	36.06	33
11 Max	-207	318.18	33	-275.12	1	87.23	1	-0.21	1	0.28	1	1.40	1	-1.57	24	32.85	33
11 Max	-235	310.85	1	-306.94	9	614.61	18	0.95	1	-6.67	1	4.64	18	-1.63	24	32.85	33
11 Max	-239	265.14	1	-679.87	5	448.82	18	-0.57	5	-10.28	5	-0.29	1	-1.63	24	36.06	33
11 Min.	-211	-111.17	1	-2036.83	33	-196.88	23	-6.77	33	-10.74	33	-9.07	33	-11.52	18	8.74	1
11 Min.	-207	-71.61	1	-997.90	33	-42.93	1	-7.15	33	-7.24	24	-1.18	1	-11.52	18	7.07	1
11 Min.	-235	-519.05	1	-1065.13	33	200.88	5	-2.16	23	-25.16	33	1.13	1	-11.52	18	7.07	1
11 Min.	-239	-566.48	1	-2104.06	33	151.91	5	-1.86	18	-30.69	33	-6.35	23	-11.52	18	8.74	1
11 Max	-42	-23.20	1	-231.95	1	8.83	1	0.88	1	8.84	1	0.41	1	0.01	5	16.74	1
11 Max	-32	-23.19	1	-231.89	1	53.32	1	0.88	1	8.84	1	0.82	1	0.01	5	16.75	1
11 Max	-91	47.48	1	-224.84	1	73.83	5	0.99	1	2.60	1	0.82	1	0.02	18	16.75	1
11 Max	-95	47.44	1	-224.91	1	29.22	5	0.99	1	2.60	1	0.41	1	0.02	18	16.74	1
11 Min.	-42	-131.52	33	-1315.17	33	-53.23	1	-0.73	1	-7.28	1	-0.82	1	-0.04	24	-16.10	1
11 Min.	-32	-117.39	33	-1173.91	33	-8.94	1	-0.73	1	-7.28	1	-0.41	1	-0.04	24	-16.10	1
11 Min.	-91	-155.57	1	-1171.48	33	-29.45	5	-0.32	1	-1.84	1	-0.41	1	-0.01	5	-16.10	1
11 Min.	-95	-155.51	1	-1312.74	33	-73.61	5	-0.32	1	-1.84	1	-0.82	1	-0.01	5	-16.10	1
11 Max	-99	60.52	1	3.98	1	108.36	1	0.55	1	2.36	1	1.03	1	1.02	1	6.14	1
11 Max	-95	35.19	1	-249.99	1	81.94	1	-0.09	1	3.10	1	1.93	33	1.02	1	6.06	1
11 Max	-123	-8.09	1	-254.52	1	115.25	1	1.36	1	1.38	33	2.70	33	1.20	1	6.06	1
11 Max	-127	15.08	1	-0.56	1	141.19	1	1.15	33	0.21	1	1.50	1	1.20	1	6.14	1
11 Min.	-99	-94.14	1	-1465.35	33	-189.14	1	-1.26	1	-2.68	1	-1.98	1	-2.18	1	-11.08	1
11 Min.	-95	-65.52	1	-1299.43	33	-97.45	1	-1.18	33	-2.36	1	-0.16	1	-2.18	1	-11.18	1
11 Min.	-123	-40.46	1	-1300.04	33	-93.83	1	-0.69	1	0.26	5	-0.06	1	-2.28	1	-11.18	1
11 Min.	-127	-66.92	1	-1465.97	33	-185.04	1	0.13	1	-0.32	1	-1.87	1	-2.28	1	-11.08	1
11 Max	-127	2.62	1	-126.00	1	201.26	1	1.57	33	2.30	1	4.11	33	6.31	1	13.33	1
11 Max	-123	-10.26	1	-277.12	1	103.15	1	1.55	1	0.75	1	0.43	1	6.31	1	13.39	1
11 Max	-151	51.81	33	-276.00	1	125.58	1	0.80	1	1.67	1	-0.15	1	6.38	1	13.39	1
11 Max	-155	38.94	33	-124.88	1	223.60	1	-0.17	1	1.45	33	3.60	33	6.38	1	13.33	1
11 Min.	-127	-47.70	1	-1412.38	33	-160.69	1	-0.21	1	-0.72	1	0.00	1	-3.42	1	-3.55	1
11 Min.	-123	-36.51	18	-1283.62	33	-130.51	1	-1.06	1	-0.22	1	-1.94	1	-3.42	1	-2.92	1
11 Min.	-151	-1.54	1	-1275.57	33	-160.88	1	-2.83	1	-1.83	1	-2.03	18	-3.50	1	-2.92	1
11 Min.	-155	9.73	1	-1404.33	33	-190.99	1	-1.23	33	-0.09	1	0.17	1	-3.50	1	-3.55	1
11 Max	-155	45.59	33	-207.79	1	203.28	1	0.05	1	0.00	1	0.53	1	5.09	1	4.25	1
11 Max	-151	53.33	33	-322.21	1	156.46	1	0.95	1	1.76	1	2.61	33	5.09	1	3.92	1
11 Max	-179	20.15	1	-330.41	1	156.57	1	2.48	1	2.83	1	4.34	33	5.18	1	3.92	1
11 Max	-183	10.17	1	-216.02	1	203.23	1	0.88	1	-0.47	1	0.85	24	5.18	1	4.25	1
11 Min.	-155	4.95	1	-1337.75	33	-237.73	1	-1.44	1	-1.70	18	-1.96	1	-8.26	1	-6.67	1
11 Min.	-151	-6.20	1	-1260.42	33	-141.12	1	-2.93	1	-0.68	1	0.32	1	-8.26	1	-6.81	1
11 Min.	-179	-91.10	1	-1270.11	33	-131.86	1	-2.14	1	-2.97	1	1.76	9	-8.28	1	-6.81	1
11 Min.	-183	-80.80	1	-1347.44	33	-228.32	1	0.10	1	-3.43	33	-0.45	1	-8.28	1	-6.67	1
11 Max	-95	45.01	1	-249.00	1	56.58	5	0.90	1	3.89	1	2.34	33	0.21	18	19.37	1
11 Max	-91	45.05	1	-249.03	1	36.53	5	0.90	1	3.90	1	0.11	1	0.21	18	19.37	1
11 Max	-119	65.30	1	-247.02	1	33.72	5	1.40	1	1.05	1	0.11	1	0.17	18	19.37	1
11 Max	-123	65.29	1	-246.99	1	53.77	5	1.40	1	1.05	1	2.26	33	0.17	18	19.37	1
11 Min.	-95	-148.69	1	-1307.68	33	-36.73	5	-0.19	1	-2.75	1	-0.11	1	-0.08	5	-11.05	1
11 Min.	-91	-148.74	1	-1157.22	33	-56.39	5	-0.19	1	-2.75	1	-2.32	33	-0.08	5	-11.04	1
11 Min.	-119	-72.75	1	-1146.07	33	-53.58	5	-3.32	1	-0.52	1	-2.39	33	-0.07	5	-11.04	1
11 Min.	-123	-72.71	1	-1296.53	33	-33.91	5	-3.32	1	-0.53	1	-0.11	1	-0.07	5	-11.05	1
11 Max	-123	63.00	1	-269.60	1	36.42	1	1.26	1	1.11	1	0.14	1	0.08	5	12.68	1
11 Max	-119	63.01	1	-269.71	1	65.42	1	1.26	1	1.11	1	1.85	1	0.08	5	12.69	1
11 Max	-147	-5.09	24	-277.17	1	65.34	1	3.32	1	2.29	1	1.85	1	0.07	5	12.69	1
11 Max	-151	-11.72	1	-277.06	1	36.34	1	3.32	1	2.29	1	0.14	1	0.07	5	12.68	1
11 Min.	-123	-65.35	1	-1280.11	33	-65.34	1	-3.17	1	-0.58	1	-1.86	1	-0.36	23	-15.45	1
11 Min.	-119	-65.38	1	-1125.86	33	-36.50	1	-3.18	1	-0.58	1	-0.14	1	-0.36	23	-15.47	1
11 Min.	-147	-52.19	13	-1131.06	33	-36.42	1	-3.63	1	-2.53	1	-0.14	1	-0.32	23	-15.47	1
11 Min.	-151	-59.60	18	-1285.31	33	-65.26	1	-3.63	1	-2.52	1	-1.85	1	-0.32	23	-15.45	1
11 Max	-151	-16.36	1	-323.28	1	67.12	1	3.27	1	1.81	1	3.63	33	0.95	23	18.40	33
11 Max	-147	-3.27	24	-323.51	1	45.33	1	3.27	1	1.80	1	-1.08	1	0.95	23	18.74	33
11 Max	-175	124.84	33	-323.59	1	44.54	1	1.98	1	2.96	1	-1.07	1	0.89	23	18.74	33
11 Max	-179	108.67	33	-323.35	1	66.33	1	1.98	1	2.97	1	3.27	33	0.89	23	18.40	33
11 Min.	-151	-56.31	18	-1270.16	33	-45.40	1	-3.43	1	-0.50	1	1.08	1	-0.29	5	0.11	1
11 Min.	-147	-48.27	13	-1108.49	33	-67.06	1	-3.43	1	-0.49	1	-3.68	33	-0.29	5	0.11	1
11 Min.	-175	-19.24	1	-1093.21	33	-66.29	1	-6.39	1	-3.61	1	-4.04	33	-0.28	5	0.11	1
11 Min.	-179	-19.20	1	-1254.89	33	-44.62	1	-6.39	1	-3.62	1	1.07	1	-0.28	5	0.11	1
11 Max	-91	35.24	1	-250.02	1	97.50	1	-0.09	1	3.10	1	0.16	1	2.17	1	6.06	1
11 Max	-87	60.53	1	4.00	1	189.29	1	0.55	1	2.36	1	1.98	1	2.17	1	6.16	1
11 Max	-115	15.13	1	-0.54	1	185.13	1	1.11	33	0.21	1	1.87	1	2.27	1	6.16	1
11 Max	-119	-8.13	1	-254.55	1	93.74	1	1.36	1	1.14	33	0.06	1	2.27	1	6.06	1
11 Min.	-91	-65.56	1	-1151.29	33	-81.98	1	-1.11	33	-2.36	1	-2.04	33	-1.01	1	-11.19	1
11 Min.	-87	-94.18	1	-1191.48	1	-108.51	1	-1.26	1	-2.68	1	-1.03	1	-1.01	1	-11.10	1
11 Min.	-115	-66.99	1	-1188.76	1	-141.29	1	0.13	1	-0.32	1	-1.50	1	-1.20	1	-11.10	1
11 Min.	-119	-49.50	18	-1152.80	33	-115.17	1	-0.69	1	0.27	5	-2.66	33	-1.20	1	-	

Relazione di Calcolo – Ponte Torrente Gogna

11	Min.	-109	14.48	1	-1233.05	1	-289.51	1	-4.74	1	-0.36	1	-1.48	33	-7.75	1	2.29	1
11	Min.	-115	8.60	1	-1179.64	1	-286.85	1	-3.16	1	-0.75	1	-1.34	1	-7.75	1	2.48	1
11	Max	-115	43.69	1	-126.78	1	324.95	1	0.35	1	1.54	1	0.62	1	18.78	1	-11.13	1
11	Max	-109	49.15	33	-111.96	1	315.54	1	3.80	1	1.52	1	2.14	18	18.78	1	-10.83	1
11	Max	-137	13.05	1	-116.08	1	290.57	1	8.83	1	0.94	1	0.54	1	17.80	1	-10.83	1
11	Max	-143	11.87	1	-130.90	1	301.09	1	5.06	33	1.74	33	-0.83	1	17.80	1	-11.13	1
11	Min.	-115	-3.92	1	-986.44	1	-346.24	1	-2.68	1	-0.56	1	-2.95	1	-15.39	1	-26.75	33
11	Min.	-109	-2.49	1	-974.50	1	-222.54	1	-5.35	1	-1.88	1	0.18	1	-15.39	1	-26.32	33
11	Min.	-137	-44.58	1	-977.77	1	-241.72	1	-3.00	1	-0.70	1	-0.34	1	-17.72	1	-26.32	33
11	Min.	-143	-46.08	1	-989.71	1	-366.53	1	-0.50	1	0.71	1	-4.73	33	-17.72	1	-26.75	33
11	Max	-143	27.83	1	-213.97	1	347.67	1	4.71	33	0.09	1	0.77	1	13.46	1	20.22	18
11	Max	-137	30.77	1	-194.27	1	208.57	1	9.29	1	1.72	1	-1.13	1	13.46	1	19.89	18
11	Max	-165	16.30	1	-194.38	1	218.65	1	6.94	1	-0.20	1	-0.29	5	16.02	1	19.89	18
11	Max	-171	12.98	1	-214.08	1	358.30	1	2.38	1	-1.12	1	2.34	18	16.02	1	20.22	18
11	Min.	-143	-54.31	1	-897.53	33	-346.05	1	-0.29	1	-1.20	1	-1.46	1	-30.30	1	9.10	9
11	Min.	-137	-52.26	1	-808.61	18	-285.30	1	-3.43	1	-1.01	1	-3.81	33	-30.30	1	8.86	9
11	Min.	-165	-54.97	1	-808.61	18	-250.43	1	-7.44	1	-0.97	1	-0.66	18	-28.67	1	8.86	9
11	Min.	-171	-56.65	1	-897.72	33	-311.72	1	-3.79	1	-3.09	33	0.50	1	-28.67	1	9.10	9
12	Max	-3	0.00	1	0.00	1	0.00	1	30.11	1	3.59	1	-2.42	1	22.70	33	30.89	1
12	Max	-1	0.00	1	0.00	1	0.00	1	29.26	1	-2.92	1	25.09	1	18.72	33	31.75	1
12	Max	-13	0.00	1	0.00	1	0.00	1	63.62	33	97.49	33	-3.72	1	18.87	1	26.26	1
12	Max	-12	0.00	1	0.00	1	0.00	1	81.24	1	83.67	1	-3.13	1	17.54	33	23.10	1
12	Min.	-3	0.00	1	0.00	1	0.00	1	-0.93	1	-14.27	1	-12.04	1	3.50	1	-4.00	1
12	Min.	-1	0.00	1	0.00	1	0.00	1	-36.97	1	-10.37	33	-8.45	1	7.88	5	-4.60	1
12	Min.	-13	0.00	1	0.00	1	0.00	1	25.10	1	33.32	1	-12.29	1	-0.67	1	-1.11	1
12	Min.	-12	0.00	1	0.00	1	0.00	1	2.94	1	7.78	1	-26.06	1	5.75	1	0.95	1
12	Max	-13	0.00	1	0.00	1	0.00	1	93.31	33	47.03	33	6.70	1	2.61	5	25.07	1
12	Max	-23	0.00	1	0.00	1	0.00	1	83.92	33	49.66	33	8.58	1	2.61	5	25.19	1
12	Max	-22	0.00	1	0.00	1	0.00	1	76.79	33	109.34	1	13.93	1	2.56	5	25.19	1
12	Max	-12	0.00	1	0.00	1	0.00	1	85.88	33	104.13	1	8.01	13	2.56	5	25.07	1
12	Min.	-13	0.00	1	0.00	1	0.00	1	43.10	5	18.20	1	0.13	1	0.07	5	-27.72	1
12	Min.	-23	0.00	1	0.00	1	0.00	1	40.37	5	22.34	5	-15.35	1	0.07	5	-27.82	1
12	Min.	-22	0.00	1	0.00	1	0.00	1	22.17	1	-27.98	1	-15.46	1	0.00	5	-27.82	1
12	Min.	-12	0.00	1	0.00	1	0.00	1	24.27	1	-27.14	1	4.24	24	0.00	5	-27.72	1
12	Max	-23	0.00	1	0.00	1	0.00	1	78.02	33	34.45	33	14.16	1	4.80	1	4.44	1
12	Max	-33	0.00	1	0.00	1	0.00	1	83.31	33	30.84	33	16.13	1	4.80	1	4.40	1
12	Max	-32	0.00	1	0.00	1	0.00	1	89.69	33	80.92	33	9.98	1	4.81	1	4.40	1
12	Max	-22	0.00	1	0.00	1	0.00	1	84.38	33	104.01	1	8.18	1	4.81	1	4.44	1
12	Min.	-23	0.00	1	0.00	1	0.00	1	32.55	1	9.06	1	-16.64	1	-3.33	1	-22.20	1
12	Min.	-33	0.00	1	0.00	1	0.00	1	32.59	1	6.96	1	-13.64	1	-3.33	1	-22.15	1
12	Min.	-32	0.00	1	0.00	1	0.00	1	39.78	1	7.86	1	-10.89	1	-3.34	1	-22.15	1
12	Min.	-22	0.00	1	0.00	1	0.00	1	32.01	1	-6.05	1	-14.04	1	-3.34	1	-22.20	1
12	Max	-33	0.00	1	0.00	1	0.00	1	80.66	33	27.37	33	12.81	1	0.88	5	-6.17	1
12	Max	-43	0.00	1	0.00	1	0.00	1	100.68	33	33.43	33	12.08	1	0.88	5	-6.17	1
12	Max	-42	0.00	1	0.00	1	0.00	1	105.79	33	89.88	33	12.31	1	0.88	5	-6.17	1
12	Max	-32	0.00	1	0.00	1	0.00	1	85.76	33	83.73	33	13.04	1	0.88	5	-6.17	1
12	Min.	-33	0.00	1	0.00	1	0.00	1	40.95	5	8.54	1	-12.08	1	-2.60	24	-17.47	33
12	Min.	-43	0.00	1	0.00	1	0.00	1	40.89	5	8.57	1	-12.81	1	-2.60	24	-17.49	33
12	Min.	-42	0.00	1	0.00	1	0.00	1	39.28	1	20.67	1	-13.05	1	-2.60	24	-17.49	33
12	Min.	-32	0.00	1	0.00	1	0.00	1	39.30	1	20.63	1	-12.31	1	-2.60	24	-17.47	33
12	Max	-43	0.00	1	0.00	1	0.00	1	100.74	33	30.73	33	13.64	1	3.33	1	4.40	1
12	Max	-53	0.00	1	0.00	1	0.00	1	115.94	33	52.57	33	16.64	1	3.33	1	4.44	1
12	Max	-52	0.00	1	0.00	1	0.00	1	124.38	33	115.02	33	14.04	1	3.34	1	4.44	1
12	Max	-42	0.00	1	0.00	1	0.00	1	109.17	33	92.92	33	10.88	1	3.34	1	4.40	1
12	Min.	-43	0.00	1	0.00	1	0.00	1	32.59	1	7.01	1	-16.12	1	-4.80	1	-22.15	1
12	Min.	-53	0.00	1	0.00	1	0.00	1	32.56	1	9.07	1	-14.16	1	-4.80	1	-22.19	1
12	Min.	-52	0.00	1	0.00	1	0.00	1	32.02	1	-6.03	1	-8.18	1	-4.81	1	-22.19	1
12	Min.	-42	0.00	1	0.00	1	0.00	1	39.79	1	7.90	1	-9.99	1	-4.81	1	-22.15	1
12	Max	-53	0.00	1	0.00	1	0.00	1	131.22	33	71.14	33	15.34	1	-0.06	5	25.18	1
12	Max	-63	0.00	1	0.00	1	0.00	1	150.95	33	64.60	33	-0.12	1	-0.06	5	25.06	1
12	Max	-62	0.00	1	0.00	1	0.00	1	131.34	33	104.07	1	-4.55	5	0.01	5	25.06	1
12	Max	-52	0.00	1	0.00	1	0.00	1	112.06	33	109.28	1	15.47	1	0.01	5	25.18	1
12	Min.	-53	0.00	1	0.00	1	0.00	1	40.39	5	22.39	5	-8.58	1	-3.81	23	-27.81	1
12	Min.	-63	0.00	1	0.00	1	0.00	1	43.16	5	18.22	1	-10.05	23	-3.81	23	-27.71	1
12	Min.	-62	0.00	1	0.00	1	0.00	1	24.29	1	-27.12	1	-17.71	23	-3.67	23	-27.71	1
12	Min.	-52	0.00	1	0.00	1	0.00	1	22.18	1	-27.96	1	-13.94	1	-3.67	23	-27.81	1
12	Max	-63	0.00	1	0.00	1	0.00	1	145.50	33	84.60	33	8.40	33	37.82	33	15.91	1
12	Max	-79	0.00	1	0.00	1	0.00	1	11.83	1	14.58	1	24.81	1	41.04	33	11.97	1
12	Max	-75	0.00	1	0.00	1	0.00	1	15.67	23	16.31	1	-3.66	1	42.57	33	9.09	33
12	Max	-62	0.00	1	0.00	1	0.00	1	141.60	33	76.54	1	-1.21	1	38.00	33	11.40	1
12	Min.	-63	0.00	1	0.00	1	0.00	1	34.59	1	23.90	1	1.51	1	7.43	1	-12.21	1
12	Min.	-79	0.00	1	0.00	1	0.00	1	-37.46	1	-9.33	1	-18.15	1	1.15	1	-6.24	1
12	Min.	-75	0.00	1	0.00	1	0.00	1	-1.62	1	-8.81	1	-26.93	33	-1.79	1	3.19	5
12	Min.	-62	0.00	1	0.00	1	0.00	1	26.19	1	-15.45	1	-17.75	23	7.14	1	-5.11	1
12	Max	-75	0.00	1	0.00	1	0.00	1	92.62	33	12.72	1	21.48	1	5.60	1	11.59	1
12	Max	-71	0.00	1	0.00	1	0.00	1	47.39	33	0.91	1	43.01	33	-3.94	1	11.42	1
12	Max	-61	0.00	1	0.00	1	0.00	1	45.51	1	38.57	33	29.99	33	3.03	1	11.50	1
12	Max	-62	0.00	1	0.00	1	0.00	1	99.58	33	110.02	33	22.48	23	8.91	1	11.63	1
12	Min.	-75	0.00	1	0.00	1	0.00	1	9.88	1	-9.31	1	-6.40	1	-37.80	33	-3.92	1
12	Min.	-71	0.00	1	0.00	1	0.00	1	3.37	1	-29.43	33	8.60	1	-50.83	33	-4.61	1
12	Min.	-61	0.00	1	0.00	1	0.00	1	-10.12	1	5.25	1	-2.37	1	-41.23	33	-8.56	1
12	Min.	-62	0.00	1	0.00	1	0.00	1	-8.27	1	-8.24	1	-2.31	1				

Relazione di Calcolo – Ponte Torrente Gogna

12 Min.	-42	0.00	1	0.00	1	0.00	1	41.20	1	2.86	1	-6.09	1	-0.83	5	-23.03	1
12 Max	-31	0.00	1	0.00	1	0.00	1	82.60	33	8.69	1	4.25	1	5.50	1	1.89	1
12 Max	-21	0.00	1	0.00	1	0.00	1	74.14	33	5.94	1	6.23	1	5.50	1	2.09	1
12 Max	-22	0.00	1	0.00	1	0.00	1	82.65	33	104.85	1	10.08	1	5.50	1	2.09	1
12 Max	-32	0.00	1	0.00	1	0.00	1	91.10	33	89.21	1	8.10	1	5.50	1	1.89	1
12 Min.	-31	0.00	1	0.00	1	0.00	1	22.98	1	-9.08	1	-7.18	1	-5.09	1	-24.76	1
12 Min.	-21	0.00	1	0.00	1	0.00	1	22.59	1	-9.06	1	-8.18	1	-5.09	1	-24.95	1
12 Min.	-22	0.00	1	0.00	1	0.00	1	21.44	1	-16.95	1	-12.97	1	-5.09	1	-24.95	1
12 Min.	-32	0.00	1	0.00	1	0.00	1	33.12	1	1.48	1	-11.96	1	-5.09	1	-24.76	1
12 Max	-21	0.00	1	0.00	1	0.00	1	67.25	33	-1.22	24	9.13	1	7.14	33	1.40	1
12 Max	-11	0.00	1	0.00	1	0.00	1	50.33	1	-3.70	5	15.32	1	7.14	33	1.42	1
12 Max	-12	0.00	1	0.00	1	0.00	1	72.72	33	110.93	1	13.63	1	7.14	33	1.42	1
12 Max	-22	0.00	1	0.00	1	0.00	1	91.85	33	113.45	1	7.05	1	7.14	33	1.40	1
12 Min.	-21	0.00	1	0.00	1	0.00	1	18.39	1	-5.99	5	-11.12	1	3.10	1	-31.40	1
12 Min.	-11	0.00	1	0.00	1	0.00	1	7.75	1	-9.09	33	-0.93	1	3.10	1	-31.43	1
12 Min.	-12	0.00	1	0.00	1	0.00	1	18.54	1	-21.71	1	-0.21	1	3.08	1	-31.43	1
12 Min.	-22	0.00	1	0.00	1	0.00	1	29.11	1	-21.25	1	-10.00	1	3.08	1	-31.40	1
12 Max	-11	0.00	1	0.00	1	0.00	1	53.57	1	17.75	1	22.78	1	27.73	1	-1.50	1
12 Max	-7	0.00	1	0.00	1	0.00	1	15.50	33	0.26	1	38.06	1	27.58	1	-5.68	1
12 Max	-3	0.00	1	0.00	1	0.00	1	31.84	1	52.72	1	32.12	33	27.89	1	3.00	1
12 Max	-12	0.00	1	0.00	1	0.00	1	95.34	1	92.12	1	9.97	1	27.96	1	4.98	1
12 Min.	-11	0.00	1	0.00	1	0.00	1	-0.39	1	-4.48	1	-7.78	1	-8.96	1	-26.24	1
12 Min.	-7	0.00	1	0.00	1	0.00	1	7.41	5	-5.46	1	5.59	1	-2.11	1	-26.13	1
12 Min.	-3	0.00	1	0.00	1	0.00	1	1.57	1	-6.44	1	9.52	1	-6.15	1	-26.32	1
12 Min.	-12	0.00	1	0.00	1	0.00	1	7.09	1	-23.64	1	-3.90	1	-9.39	1	-26.38	1
12 Max	-1	0.00	1	0.00	1	0.00	1	29.24	1	-2.95	1	8.42	1	-7.87	5	31.70	1
12 Max	-4	0.00	1	0.00	1	0.00	1	30.06	1	3.58	1	12.07	1	-3.54	1	30.84	1
12 Max	-14	0.00	1	0.00	1	0.00	1	81.08	1	83.51	1	26.11	1	-5.72	1	23.05	1
12 Max	-13	0.00	1	0.00	1	0.00	1	63.62	33	97.49	33	12.26	1	0.70	1	26.21	1
12 Min.	-1	0.00	1	0.00	1	0.00	1	-36.95	1	-10.37	33	-25.06	1	-18.72	33	-4.55	1
12 Min.	-4	0.00	1	0.00	1	0.00	1	-0.88	1	-14.26	1	2.40	1	-22.70	33	-3.96	1
12 Min.	-14	0.00	1	0.00	1	0.00	1	3.09	1	7.94	1	3.07	1	-17.54	33	1.00	1
12 Min.	-13	0.00	1	0.00	1	0.00	1	25.24	1	33.52	1	3.75	1	-18.90	1	-1.06	1
12 Max	-4	0.00	1	0.00	1	0.00	1	66.28	1	12.74	1	21.52	1	5.55	1	11.59	1
12 Max	-8	0.00	1	0.00	1	0.00	1	34.38	1	0.87	1	25.85	33	-4.01	1	11.41	1
12 Max	-15	0.00	1	0.00	1	0.00	1	45.47	1	25.73	1	27.20	1	2.98	1	11.50	1
12 Max	-14	0.00	1	0.00	1	0.00	1	89.77	1	97.37	1	19.96	1	8.87	1	11.62	1
12 Min.	-4	0.00	1	0.00	1	0.00	1	10.00	1	-9.32	1	-6.43	1	-36.50	1	-3.90	1
12 Min.	-8	0.00	1	0.00	1	0.00	1	3.44	1	-23.81	1	8.66	1	-36.15	1	-4.60	1
12 Min.	-15	0.00	1	0.00	1	0.00	1	-10.06	1	5.31	1	-2.33	1	-36.34	1	-8.56	1
12 Min.	-14	0.00	1	0.00	1	0.00	1	-8.13	1	-8.09	1	-2.34	1	-36.59	1	-5.78	1
12 Max	-15	0.00	1	0.00	1	0.00	1	50.23	1	-3.70	5	0.90	1	-3.11	1	1.37	1
12 Max	-25	0.00	1	0.00	1	0.00	1	67.25	33	-1.22	24	11.12	1	-3.11	1	1.35	1
12 Max	-24	0.00	1	0.00	1	0.00	1	91.85	33	113.29	1	10.00	1	-3.09	1	1.35	1
12 Max	-14	0.00	1	0.00	1	0.00	1	72.72	33	110.76	1	0.18	1	-3.09	1	1.37	1
12 Min.	-15	0.00	1	0.00	1	0.00	1	7.85	1	-9.09	33	-15.30	1	-7.14	33	-31.37	1
12 Min.	-25	0.00	1	0.00	1	0.00	1	18.53	1	-5.99	5	-9.14	1	-7.14	33	-31.34	1
12 Min.	-24	0.00	1	0.00	1	0.00	1	29.31	1	-21.08	1	-7.05	1	-7.14	33	-31.34	1
12 Min.	-14	0.00	1	0.00	1	0.00	1	18.70	1	-21.54	1	-13.61	1	-7.14	33	-31.37	1
12 Max	-24	0.00	1	0.00	1	0.00	1	109.19	1	76.79	33	13.93	1	25.19	1	2.56	5
12 Max	-23	0.00	1	0.00	1	0.00	1	49.66	33	83.92	33	8.59	1	25.19	1	2.61	5
12 Max	-13	0.00	1	0.00	1	0.00	1	47.03	33	93.31	33	6.72	1	25.06	1	2.61	5
12 Max	-14	0.00	1	0.00	1	0.00	1	103.99	1	85.88	33	8.01	13	25.06	1	2.56	5
12 Min.	-24	0.00	1	0.00	1	0.00	1	-27.83	1	22.34	1	-15.46	1	-27.82	1	0.00	5
12 Min.	-23	0.00	1	0.00	1	0.00	1	22.31	5	40.33	5	-15.36	1	-27.82	1	0.07	5
12 Min.	-13	0.00	1	0.00	1	0.00	1	18.10	1	43.12	5	0.11	1	-27.71	1	0.07	5
12 Min.	-14	0.00	1	0.00	1	0.00	1	-27.00	1	24.46	1	4.24	24	-27.71	1	0.00	5
12 Max	-25	0.00	1	0.00	1	0.00	1	74.14	33	5.95	1	8.19	1	5.09	1	2.05	1
12 Max	-35	0.00	1	0.00	1	0.00	1	82.60	33	8.69	1	7.18	1	5.09	1	1.85	1
12 Max	-34	0.00	1	0.00	1	0.00	1	91.10	33	89.05	1	11.97	1	5.09	1	1.85	1
12 Max	-24	0.00	1	0.00	1	0.00	1	82.65	33	104.69	1	12.97	1	5.09	1	2.05	1
12 Min.	-25	0.00	1	0.00	1	0.00	1	22.75	1	-9.07	1	-6.24	1	-5.50	1	-24.90	1
12 Min.	-35	0.00	1	0.00	1	0.00	1	22.82	1	-9.08	1	-4.26	1	-5.50	1	-24.72	1
12 Min.	-34	0.00	1	0.00	1	0.00	1	32.95	1	1.65	1	-8.11	1	-5.50	1	-24.72	1
12 Min.	-24	0.00	1	0.00	1	0.00	1	21.62	1	-16.79	1	-10.08	1	-5.50	1	-24.90	1
12 Max	-34	0.00	1	0.00	1	0.00	1	80.92	33	89.69	33	9.99	1	4.37	1	4.81	1
12 Max	-33	0.00	1	0.00	1	0.00	1	30.84	33	83.31	33	16.12	1	4.37	1	4.80	1
12 Max	-23	0.00	1	0.00	1	0.00	1	34.45	33	78.02	33	14.17	1	4.41	1	4.80	1
12 Max	-24	0.00	1	0.00	1	0.00	1	103.83	1	84.38	33	8.19	1	4.41	1	4.81	1
12 Min.	-34	0.00	1	0.00	1	0.00	1	8.01	1	39.62	1	-10.89	1	-22.12	1	-3.34	1
12 Min.	-33	0.00	1	0.00	1	0.00	1	6.91	1	32.43	1	-13.64	1	-22.12	1	-3.32	1
12 Min.	-23	0.00	1	0.00	1	0.00	1	9.14	1	32.72	1	-16.65	1	-22.16	1	-3.32	1
12 Min.	-24	0.00	1	0.00	1	0.00	1	-5.87	1	32.19	1	-14.06	1	-22.16	1	-3.34	1
12 Max	-35	0.00	1	0.00	1	0.00	1	81.00	33	6.45	1	9.70	1	0.83	5	2.44	1
12 Max	-45	0.00	1	0.00	1	0.00	1	99.82	33	7.00	23	6.39	1	0.83	5	2.44	1
12 Max	-44	0.00	1	0.00	1	0.00	1	105.38	33	93.03	33	6.09	1	0.83	5	2.44	1
12 Max	-34	0.00	1	0.00	1	0.00	1	86.55	33	84.39	33	9.40	1	0.83	5	2.44	1
12 Min.	-35	0.00	1	0.00	1	0.00	1	27.59	1	-4.12	1	-6.39	1	-2.73	24	-22.99	1
12 Min.	-45	0.00	1	0.00	1	0.00	1	27.57	1	-4.12	1	-9.69	1	-2.73	24	-22.99	1
12 Min.	-44	0.00	1	0.00	1	0.00	1	41.04	1	3.01	1	-9.40	1	-2.73	24	-22.99	1
12 Min.	-34	0.00	1	0.00	1	0.00	1	41.06	1	3.02	1	-6.09	1	-2.73	24	-22.99	1
12 Max	-44	0.00	1	0.00	1	0.00	1	89.88	33	105.79	33	12.31	1	-6.20	1	0.88	5
12 Max	-43	0.00	1	0.00	1	0.00	1	33.43	33	100.68	33	12.08	1	-6.20	1	0.88	5
12 Max	-33	0.00	1	0.00	1	0.00	1	27.37	33	80.66	33	12.81	1	-6.20	1	0.88	5
12 Max	-34	0.00	1	0.00	1	0.00	1	83.73	33	85.76	33	13.04	1	-6.20	1	0.88	5
12 Min.	-44	0.00	1	0.00	1	0.00	1	20.83	1	39.12	1	-13.04	1	-17.49			

Relazione di Calcolo – Ponte Torrente Gogna

12	Max	-65	0.00	1	0.00	1	0.00	1	65.25	33	17.72	1	22.74	1	27.68	1	-1.55	1
12	Max	-72	0.00	1	0.00	1	0.00	1	25.21	33	0.27	1	55.34	33	32.10	33	-5.74	1
12	Max	-76	0.00	1	0.00	1	0.00	1	43.48	23	55.39	33	47.16	33	27.84	1	2.95	1
12	Max	-64	0.00	1	0.00	1	0.00	1	126.62	33	91.94	1	9.98	1	27.91	1	4.94	1
12	Min.	-65	0.00	1	0.00	1	0.00	1	-0.28	1	-4.46	1	-7.76	1	-8.92	1	-34.57	33
12	Min.	-72	0.00	1	0.00	1	0.00	1	7.43	5	-7.32	23	5.68	1	-2.06	1	-40.32	33
12	Min.	-76	0.00	1	0.00	1	0.00	1	1.51	1	-6.34	1	9.60	1	-6.11	1	-28.35	33
12	Min.	-64	0.00	1	0.00	1	0.00	1	7.30	1	-23.50	1	-3.92	1	-9.35	1	-26.32	1
12	Max	-76	0.00	1	0.00	1	0.00	1	32.65	33	3.57	1	-2.40	1	28.62	33	32.80	33
12	Max	-79	0.00	1	0.00	1	0.00	1	29.25	1	-2.95	1	25.05	1	25.06	33	33.02	33
12	Max	-63	0.00	1	0.00	1	0.00	1	91.83	33	138.27	33	-3.76	1	21.88	33	31.11	33
12	Max	-64	0.00	1	0.00	1	0.00	1	102.50	33	109.84	33	-3.06	1	24.10	33	30.08	33
12	Min.	-76	0.00	1	0.00	1	0.00	1	-0.86	1	-14.25	1	-17.46	33	3.56	1	-3.95	1
12	Min.	-79	0.00	1	0.00	1	0.00	1	-36.95	1	-15.37	33	-8.42	1	7.90	5	-4.54	1
12	Min.	-63	0.00	1	0.00	1	0.00	1	25.26	1	33.56	1	-21.51	23	-0.69	1	-1.06	1
12	Min.	-64	0.00	1	0.00	1	0.00	1	3.11	1	7.97	1	-39.54	23	5.72	1	1.00	1
12	Max	-63	0.00	1	0.00	1	0.00	1	150.95	33	64.60	33	10.05	23	3.81	23	25.05	1
12	Max	-53	0.00	1	0.00	1	0.00	1	131.22	33	71.14	33	8.59	1	3.81	23	25.18	1
12	Max	-54	0.00	1	0.00	1	0.00	1	112.06	33	109.13	1	13.94	1	3.67	23	25.18	1
12	Max	-64	0.00	1	0.00	1	0.00	1	131.34	33	103.93	1	17.71	23	3.67	23	25.05	1
12	Min.	-63	0.00	1	0.00	1	0.00	1	43.18	5	18.12	1	0.11	1	0.06	5	-27.71	1
12	Min.	-53	0.00	1	0.00	1	0.00	1	40.35	5	22.36	5	-15.36	1	0.06	5	-27.81	1
12	Min.	-54	0.00	1	0.00	1	0.00	1	22.35	1	-27.81	1	-15.47	1	-0.01	5	-27.81	1
12	Min.	-64	0.00	1	0.00	1	0.00	1	24.49	1	-26.98	1	4.55	5	-0.01	5	-27.71	1
12	Max	-53	0.00	1	0.00	1	0.00	1	115.94	33	52.57	33	14.17	1	4.79	1	4.41	1
12	Max	-43	0.00	1	0.00	1	0.00	1	100.74	33	30.73	33	16.12	1	4.79	1	4.36	1
12	Max	-44	0.00	1	0.00	1	0.00	1	109.17	33	92.92	33	9.99	1	4.81	1	4.36	1
12	Max	-54	0.00	1	0.00	1	0.00	1	124.38	33	115.02	33	8.19	1	4.81	1	4.41	1
12	Min.	-53	0.00	1	0.00	1	0.00	1	32.73	1	9.15	1	-16.65	1	-3.33	1	-22.16	1
12	Min.	-43	0.00	1	0.00	1	0.00	1	32.43	1	6.96	1	-13.64	1	-3.33	1	-22.11	1
12	Min.	-44	0.00	1	0.00	1	0.00	1	39.62	1	8.06	1	-10.89	1	-3.34	1	-22.11	1
12	Min.	-54	0.00	1	0.00	1	0.00	1	32.20	1	-5.85	1	-14.05	1	-3.34	1	-22.16	1
13	Max	-58	0.00	1	0.00	1	0.00	1	90.70	28	40.99	28	14.16	1	4.74	1	4.34	1
13	Max	-48	0.00	1	0.00	1	0.00	1	81.66	28	25.87	28	16.11	1	4.74	1	4.30	1
13	Max	-49	0.00	1	0.00	1	0.00	1	88.39	28	77.59	1	9.94	1	4.75	1	4.30	1
13	Max	-59	0.00	1	0.00	1	0.00	1	97.44	28	103.28	1	8.13	1	4.75	1	4.34	1
13	Min.	-58	0.00	1	0.00	1	0.00	1	33.42	1	9.49	1	-16.64	1	-3.27	1	-22.10	1
13	Min.	-48	0.00	1	0.00	1	0.00	1	32.73	1	7.10	1	-13.63	1	-3.27	1	-22.06	1
13	Min.	-49	0.00	1	0.00	1	0.00	1	40.01	1	8.34	1	-10.84	1	-3.28	1	-22.06	1
13	Min.	-59	0.00	1	0.00	1	0.00	1	32.90	1	-5.32	1	-13.99	1	-3.28	1	-22.10	1
13	Max	-68	0.00	1	0.00	1	0.00	1	116.53	28	50.88	28	7.53	28	2.71	28	25.05	1
13	Max	-58	0.00	1	0.00	1	0.00	1	101.99	28	55.95	28	8.54	1	2.71	28	25.18	1
13	Max	-59	0.00	1	0.00	1	0.00	1	87.68	28	108.68	1	13.92	1	2.60	28	25.18	1
13	Max	-69	0.00	1	0.00	1	0.00	1	101.87	28	103.51	1	13.41	28	2.60	28	25.05	1
13	Min.	-68	0.00	1	0.00	1	0.00	1	46.92	5	18.53	1	0.16	1	0.34	5	-27.71	1
13	Min.	-58	0.00	1	0.00	1	0.00	1	42.97	5	23.39	1	-15.30	1	0.34	5	-27.82	1
13	Min.	-59	0.00	1	0.00	1	0.00	1	22.98	1	-27.33	1	-15.46	1	0.27	5	-27.82	1
13	Min.	-69	0.00	1	0.00	1	0.00	1	25.39	1	-26.51	1	4.89	5	0.27	5	-27.71	1
13	Max	-78	0.00	1	0.00	1	0.00	1	29.90	1	3.51	1	-2.54	1	22.63	28	30.63	1
13	Max	-80	0.00	1	0.00	1	0.00	1	29.14	1	-3.06	1	24.95	1	19.72	28	31.48	1
13	Max	-68	0.00	1	0.00	1	0.00	1	71.94	28	108.10	28	-3.95	1	18.77	1	26.01	1
13	Max	-69	0.00	1	0.00	1	0.00	1	80.46	1	85.64	28	-3.34	1	18.91	28	23.30	28
13	Min.	-78	0.00	1	0.00	1	0.00	1	-0.69	1	-14.23	1	-13.50	28	3.75	1	-3.74	1
13	Min.	-80	0.00	1	0.00	1	0.00	1	-36.82	1	-11.95	28	-8.32	1	8.46	5	-4.33	1
13	Min.	-68	0.00	1	0.00	1	0.00	1	25.85	1	34.52	1	-16.17	28	-0.56	1	-0.86	1
13	Min.	-69	0.00	1	0.00	1	0.00	1	3.70	1	8.71	1	-29.98	28	5.88	1	1.19	1
13	Max	-70	0.00	1	0.00	1	0.00	1	53.06	1	17.63	1	22.66	1	27.56	1	-1.78	1
13	Max	-74	0.00	1	0.00	1	0.00	1	19.48	28	0.19	1	42.71	28	27.31	1	-6.03	1
13	Max	-78	0.00	1	0.00	1	0.00	1	33.27	28	52.32	1	36.83	28	27.68	1	2.78	1
13	Max	-69	0.00	1	0.00	1	0.00	1	98.27	28	91.50	1	9.94	1	27.80	1	4.79	1
13	Min.	-70	0.00	1	0.00	1	0.00	1	0.12	1	-4.37	1	-7.67	1	-8.79	1	-26.78	28
13	Min.	-74	0.00	1	0.00	1	0.00	1	7.99	5	-5.39	1	6.05	1	-1.85	1	-31.08	28
13	Min.	-78	0.00	1	0.00	1	0.00	1	1.82	1	-6.04	1	9.90	1	-5.94	1	-26.10	1
13	Min.	-69	0.00	1	0.00	1	0.00	1	8.12	1	-23.03	1	-3.88	1	-9.22	1	-26.19	1
13	Max	-60	0.00	1	0.00	1	0.00	1	73.82	28	-1.73	5	9.04	1	5.62	28	1.12	1
13	Max	-70	0.00	1	0.00	1	0.00	1	54.48	28	-3.99	5	15.24	1	5.62	28	1.14	1
13	Max	-69	0.00	1	0.00	1	0.00	1	86.16	28	110.13	1	14.01	28	5.64	28	1.14	1
13	Max	-59	0.00	1	0.00	1	0.00	1	105.56	28	112.72	1	7.02	1	5.64	28	1.12	1
13	Min.	-60	0.00	1	0.00	1	0.00	1	19.03	1	-8.75	28	-11.01	1	3.12	1	-31.11	1
13	Min.	-70	0.00	1	0.00	1	0.00	1	8.30	1	-9.22	28	-0.83	1	3.12	1	-31.14	1
13	Min.	-69	0.00	1	0.00	1	0.00	1	19.48	1	-20.92	1	-0.07	1	3.10	1	-31.14	1
13	Min.	-59	0.00	1	0.00	1	0.00	1	30.13	1	-20.50	1	-9.99	1	3.10	1	-31.11	1
13	Max	-60	0.00	1	0.00	1	0.00	1	5.91	1	85.23	28	8.10	1	24.82	1	5.47	1
13	Max	-59	0.00	1	0.00	1	0.00	1	104.31	1	93.97	28	12.92	1	24.82	1	5.46	1
13	Max	-49	0.00	1	0.00	1	0.00	1	88.77	1	91.31	28	11.91	1	24.63	1	5.46	1
13	Max	-50	0.00	1	0.00	1	0.00	1	8.61	1	82.61	28	7.09	1	24.63	1	5.47	1
13	Min.	-60	0.00	1	0.00	1	0.00	1	-9.01	1	23.32	1	-6.15	1	-1.96	1	-5.06	1
13	Min.	-59	0.00	1	0.00	1	0.00	1	-16.38	1	22.22	1	-10.03	1	-1.96	1	-5.06	1
13	Min.	-49	0.00	1	0.00	1	0.00	1	1.92	1	33.31	1	-8.05	1	-1.76	1	-5.06	1
13	Min.	-50	0.00	1	0.00	1	0.00	1	-9.01	1	23.10	1	-4.16	1	-1.76	1	-5.06	1
13	Max	-49	0.00	1	0.00	1	0.00	1	74.27	28	85.43	28	12.26	1	-6.20	1	0.67	5
13	Max	-48	0.00	1	0.00	1	0.00	1	27.06	28	81.18	28	12.07	1	-6.20	1	0.67	5
13	Max	-38	0.00	1	0.00	1	0.0											

Relazione di Calcolo – Ponte Torrente Gogna

13	Max	-40	0.00	1	0.00	1	0.00	1	72.97	28	8.64	1	7.07	1	5.06	1	1.76	1
13	Max	-39	0.00	1	0.00	1	0.00	1	80.52	28	88.77	1	11.91	1	5.06	1	1.76	1
13	Max	-29	0.00	1	0.00	1	0.00	1	77.87	1	104.24	1	12.91	1	5.06	1	1.96	1
13	Min.	-30	0.00	1	0.00	1	0.00	1	23.32	1	-9.06	1	-6.13	1	-5.47	1	-24.81	1
13	Min.	-40	0.00	1	0.00	1	0.00	1	23.11	1	-9.02	1	-4.15	1	-5.47	1	-24.62	1
13	Min.	-39	0.00	1	0.00	1	0.00	1	33.31	1	1.93	1	-8.05	1	-5.47	1	-24.62	1
13	Min.	-29	0.00	1	0.00	1	0.00	1	22.22	1	-16.36	1	-10.02	1	-5.47	1	-24.81	1
13	Max	-29	0.00	1	0.00	1	0.00	1	108.68	1	70.60	28	13.91	1	25.18	1	2.26	5
13	Max	-28	0.00	1	0.00	1	0.00	1	45.33	28	78.63	28	8.54	1	25.18	1	2.30	5
13	Max	-18	0.00	1	0.00	1	0.00	1	42.41	28	88.14	28	6.68	1	25.06	1	2.30	5
13	Max	-19	0.00	1	0.00	1	0.00	1	103.45	1	81.42	1	8.76	13	25.06	1	2.26	5
13	Min.	-29	0.00	1	0.00	1	0.00	1	-27.31	1	22.99	1	-15.43	1	-27.80	1	0.29	5
13	Min.	-28	0.00	1	0.00	1	0.00	1	23.40	1	43.00	5	-15.33	1	-27.80	1	0.37	5
13	Min.	-18	0.00	1	0.00	1	0.00	1	18.55	1	47.00	5	0.17	1	-27.70	1	0.37	5
13	Min.	-19	0.00	1	0.00	1	0.00	1	-26.48	1	25.43	1	4.87	5	-27.70	1	0.29	5
13	Max	-20	0.00	1	0.00	1	0.00	1	49.74	1	-4.04	5	0.83	1	-3.13	1	1.12	1
13	Max	-30	0.00	1	0.00	1	0.00	1	61.11	28	-1.73	5	11.02	1	-3.13	1	1.11	1
13	Max	-29	0.00	1	0.00	1	0.00	1	84.58	28	112.64	1	9.92	1	-3.11	1	1.11	1
13	Max	-19	0.00	1	0.00	1	0.00	1	70.96	1	110.10	1	0.07	1	-3.11	1	1.12	1
13	Min.	-20	0.00	1	0.00	1	0.00	1	8.31	1	-8.08	28	-15.21	1	-5.95	28	-31.12	1
13	Min.	-30	0.00	1	0.00	1	0.00	1	19.03	1	-5.59	5	-9.03	1	-5.95	28	-31.09	1
13	Min.	-29	0.00	1	0.00	1	0.00	1	30.16	1	-20.47	1	-7.00	1	-5.95	28	-31.09	1
13	Min.	-19	0.00	1	0.00	1	0.00	1	19.51	1	-20.89	1	-13.51	1	-5.95	28	-31.12	1
13	Max	-6	0.00	1	0.00	1	0.00	1	65.67	1	12.68	1	21.36	1	5.30	1	11.52	1
13	Max	-10	0.00	1	0.00	1	0.00	1	34.09	1	0.65	1	24.80	1	-4.39	1	11.36	1
13	Max	-20	0.00	1	0.00	1	0.00	1	45.23	1	25.44	1	27.00	1	2.69	1	11.48	1
13	Max	-19	0.00	1	0.00	1	0.00	1	89.14	1	96.60	1	19.78	1	8.65	1	11.58	1
13	Min.	-6	0.00	1	0.00	1	0.00	1	10.61	1	-9.25	1	-6.27	1	-36.24	1	-3.84	1
13	Min.	-10	0.00	1	0.00	1	0.00	1	3.74	1	-23.59	1	8.99	1	-35.78	1	-4.54	1
13	Min.	-20	0.00	1	0.00	1	0.00	1	-9.81	1	5.58	1	-2.14	1	-36.05	1	-8.55	1
13	Min.	-19	0.00	1	0.00	1	0.00	1	-7.50	1	-7.34	1	-2.17	1	-36.37	1	-5.74	1
13	Max	-2	0.00	1	0.00	1	0.00	1	29.13	1	-3.06	1	8.32	1	-8.49	5	31.46	1
13	Max	-6	0.00	1	0.00	1	0.00	1	29.85	1	3.51	1	11.90	1	-3.76	1	30.61	1
13	Max	-19	0.00	1	0.00	1	0.00	1	80.44	1	82.66	1	25.85	1	-5.89	1	22.85	1
13	Max	-18	0.00	1	0.00	1	0.00	1	58.16	28	88.73	28	12.06	1	0.55	1	26.00	1
13	Min.	-2	0.00	1	0.00	1	0.00	1	-36.86	1	-9.62	1	-24.97	1	-16.78	28	-4.32	1
13	Min.	-6	0.00	1	0.00	1	0.00	1	-0.68	1	-14.15	1	2.55	1	-21.64	1	-3.73	1
13	Min.	-19	0.00	1	0.00	1	0.00	1	3.73	1	8.75	1	3.35	1	-15.83	28	1.20	1
13	Min.	-18	0.00	1	0.00	1	0.00	1	25.88	1	34.57	1	3.96	1	-18.75	1	-0.85	1
13	Max	-16	0.00	1	0.00	1	0.00	1	53.13	1	17.67	1	22.69	1	27.58	1	-1.75	1
13	Max	-9	0.00	1	0.00	1	0.00	1	14.70	28	0.17	1	37.67	1	27.35	1	-5.98	1
13	Max	-5	0.00	1	0.00	1	0.00	1	31.52	1	52.39	1	29.49	28	27.71	1	2.81	1
13	Max	-17	0.00	1	0.00	1	0.00	1	94.45	1	91.62	1	9.93	1	27.82	1	4.82	1
13	Min.	-16	0.00	1	0.00	1	0.00	1	0.04	1	-4.39	1	-7.70	1	-8.81	1	-25.99	1
13	Min.	-9	0.00	1	0.00	1	0.00	1	7.98	5	-5.36	1	5.98	1	-1.88	1	-25.82	1
13	Min.	-5	0.00	1	0.00	1	0.00	1	1.90	1	-6.10	1	9.84	1	-5.97	1	-26.13	1
13	Min.	-17	0.00	1	0.00	1	0.00	1	7.97	1	-23.13	1	-3.87	1	-9.25	1	-26.21	1
13	Max	-26	0.00	1	0.00	1	0.00	1	61.12	28	-1.74	5	9.02	1	5.95	28	1.16	1
13	Max	-16	0.00	1	0.00	1	0.00	1	49.84	1	-4.04	5	15.23	1	5.95	28	1.18	1
13	Max	-17	0.00	1	0.00	1	0.00	1	71.12	1	110.27	1	13.54	1	5.95	28	1.18	1
13	Max	-27	0.00	1	0.00	1	0.00	1	84.59	28	112.81	1	7.00	1	5.95	28	1.16	1
13	Min.	-26	0.00	1	0.00	1	0.00	1	18.89	1	-5.58	5	-11.02	1	3.12	1	-31.15	1
13	Min.	-16	0.00	1	0.00	1	0.00	1	8.21	1	-8.08	28	-0.86	1	3.12	1	-31.18	1
13	Min.	-17	0.00	1	0.00	1	0.00	1	19.35	1	-21.05	1	-0.09	1	3.10	1	-31.18	1
13	Min.	-27	0.00	1	0.00	1	0.00	1	29.96	1	-20.63	1	-9.92	1	3.10	1	-31.15	1
13	Max	-36	0.00	1	0.00	1	0.00	1	72.96	28	8.64	1	4.15	1	5.47	1	1.80	1
13	Max	-26	0.00	1	0.00	1	0.00	1	68.39	28	5.91	1	6.13	1	5.47	1	2.00	1
13	Max	-27	0.00	1	0.00	1	0.00	1	78.05	1	104.40	1	10.01	1	5.47	1	2.00	1
13	Max	-37	0.00	1	0.00	1	0.00	1	80.52	28	88.93	1	8.04	1	5.47	1	1.80	1
13	Min.	-36	0.00	1	0.00	1	0.00	1	23.26	1	-9.02	1	-7.06	1	-5.06	1	-24.67	1
13	Min.	-26	0.00	1	0.00	1	0.00	1	23.16	1	-9.05	1	-8.07	1	-5.06	1	-24.85	1
13	Min.	-27	0.00	1	0.00	1	0.00	1	22.04	1	-16.51	1	-12.90	1	-5.06	1	-24.85	1
13	Min.	-37	0.00	1	0.00	1	0.00	1	33.48	1	1.77	1	-11.90	1	-5.06	1	-24.67	1
13	Max	-46	0.00	1	0.00	1	0.00	1	80.65	28	6.33	1	9.57	1	1.22	29	2.48	1
13	Max	-36	0.00	1	0.00	1	0.00	1	71.49	28	6.34	1	6.26	1	1.22	29	2.48	1
13	Max	-37	0.00	1	0.00	1	0.00	1	76.12	28	84.30	1	6.04	1	1.23	29	2.48	1
13	Max	-47	0.00	1	0.00	1	0.00	1	85.28	28	84.27	1	9.36	1	1.23	29	2.48	1
13	Min.	-46	0.00	1	0.00	1	0.00	1	27.94	1	-4.02	1	-6.27	1	-0.63	5	-23.04	1
13	Min.	-36	0.00	1	0.00	1	0.00	1	27.89	1	-4.01	1	-9.57	1	-0.63	5	-23.04	1
13	Min.	-37	0.00	1	0.00	1	0.00	1	41.56	1	2.91	1	-9.34	1	-0.63	5	-23.04	1
13	Min.	-47	0.00	1	0.00	1	0.00	1	41.60	1	2.93	1	-6.04	1	-0.63	5	-23.04	1
13	Max	-56	0.00	1	0.00	1	0.00	1	85.23	28	5.90	1	8.10	1	5.06	1	2.00	1
13	Max	-46	0.00	1	0.00	1	0.00	1	82.61	28	8.61	1	7.08	1	5.06	1	1.80	1
13	Max	-47	0.00	1	0.00	1	0.00	1	91.31	28	88.94	1	11.90	1	5.06	1	1.80	1
13	Max	-57	0.00	1	0.00	1	0.00	1	93.97	28	104.47	1	12.91	1	5.06	1	2.00	1
13	Min.	-56	0.00	1	0.00	1	0.00	1	23.16	1	-9.00	1	-6.15	1	-5.47	1	-24.86	1
13	Min.	-46	0.00	1	0.00	1	0.00	1	23.26	1	-9.01	1	-4.16	1	-5.47	1	-24.67	1
13	Min.	-47	0.00	1	0.00	1	0.00	1	33.48	1	1.76	1	-8.04	1	-5.46	1	-24.67	1
13	Min.	-57	0.00	1	0.00	1	0.00	1	22.04	1	-16.54	1	-10.03	1	-5.46	1	-24.86	1
13	Max	-67	0.00	1	0.00	1	0.00	1	110.30	1	86.17	28	14.01	28	1.19	1	5.64	28
13	Max	-66	0.00	1	0.00	1	0.00	1	-3.99	5	54.49	28	15.26	1	1.19	1	5.62	28
13	Max	-56	0.00	1	0.00	1	0.00	1	-1.74	5	73.82	28	9.03	1	1.17	1	5.62	28
13	Max	-57	0.00	1	0.00	1	0.00	1	112.89	1	105.56	28	7.02	1	1.17	1	5.64	28
13	Min.																	

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13	Max	-67	0.00	1	0.00	1	0.00	1	101.87	28	103.65	1	-4.89	5	-0.27	5	25.06	1
13	Max	-57	0.00	1	0.00	1	0.00	1	87.68	28	108.84	1	15.46	1	-0.27	5	25.18	1
13	Min.	-58	0.00	1	0.00	1	0.00	1	43.03	5	23.49	1	-8.53	1	-2.71	28	-27.82	1
13	Min.	-68	0.00	1	0.00	1	0.00	1	46.87	5	18.63	1	-7.53	28	-2.71	28	-27.72	1
13	Min.	-67	0.00	1	0.00	1	0.00	1	25.20	1	-26.65	1	-13.41	28	-2.60	28	-27.72	1
13	Min.	-57	0.00	1	0.00	1	0.00	1	22.81	1	-27.48	1	-13.92	1	-2.60	28	-27.82	1
13	Max	-48	0.00	1	0.00	1	0.00	1	81.66	28	25.87	28	13.63	1	3.27	1	4.33	1
13	Max	-58	0.00	1	0.00	1	0.00	1	90.71	28	40.99	28	16.63	1	3.27	1	4.37	1
13	Max	-57	0.00	1	0.00	1	0.00	1	97.44	28	103.46	1	13.97	1	3.28	1	4.37	1
13	Max	-47	0.00	1	0.00	1	0.00	1	88.39	28	77.74	1	10.84	1	3.28	1	4.33	1
13	Min.	-48	0.00	1	0.00	1	0.00	1	32.89	1	7.15	1	-16.11	1	-4.74	1	-22.09	1
13	Min.	-58	0.00	1	0.00	1	0.00	1	33.25	1	9.41	1	-14.15	1	-4.74	1	-22.13	1
13	Min.	-57	0.00	1	0.00	1	0.00	1	32.72	1	-5.50	1	-8.12	1	-4.76	1	-22.13	1
13	Min.	-47	0.00	1	0.00	1	0.00	1	40.18	1	8.19	1	-9.94	1	-4.76	1	-22.09	1
13	Max	-38	0.00	1	0.00	1	0.00	1	71.44	28	24.17	28	12.81	1	0.67	5	-6.17	1
13	Max	-48	0.00	1	0.00	1	0.00	1	81.18	28	27.06	28	12.08	1	0.67	5	-6.17	1
13	Max	-47	0.00	1	0.00	1	0.00	1	85.43	28	74.28	28	12.26	1	0.67	5	-6.17	1
13	Max	-37	0.00	1	0.00	1	0.00	1	75.68	28	71.34	28	12.99	1	0.67	5	-6.17	1
13	Min.	-38	0.00	1	0.00	1	0.00	1	41.52	9	8.71	1	-12.08	1	-1.15	28	-14.61	28
13	Min.	-48	0.00	1	0.00	1	0.00	1	41.57	9	8.74	1	-12.81	1	-1.15	28	-14.63	28
13	Min.	-47	0.00	1	0.00	1	0.00	1	39.65	1	20.89	1	-12.99	1	-1.15	28	-14.63	28
13	Min.	-37	0.00	1	0.00	1	0.00	1	39.61	1	20.88	1	-12.25	1	-1.15	28	-14.61	28
13	Max	-28	0.00	1	0.00	1	0.00	1	72.26	28	33.32	1	14.16	1	4.74	1	4.37	1
13	Max	-38	0.00	1	0.00	1	0.00	1	73.19	28	25.97	28	16.12	1	4.74	1	4.33	1
13	Max	-37	0.00	1	0.00	1	0.00	1	78.89	28	77.74	1	9.93	1	4.75	1	4.33	1
13	Max	-27	0.00	1	0.00	1	0.00	1	77.95	28	103.45	1	8.11	1	4.75	1	4.37	1
13	Min.	-28	0.00	1	0.00	1	0.00	1	33.25	1	9.42	1	-16.64	1	-3.27	1	-22.13	1
13	Min.	-38	0.00	1	0.00	1	0.00	1	32.88	1	7.11	1	-13.64	1	-3.27	1	-22.09	1
13	Min.	-37	0.00	1	0.00	1	0.00	1	40.18	1	8.18	1	-10.83	1	-3.28	1	-22.09	1
13	Min.	-27	0.00	1	0.00	1	0.00	1	32.72	1	-5.48	1	-13.98	1	-3.28	1	-22.13	1
13	Max	-18	0.00	1	0.00	1	0.00	1	88.14	28	42.41	28	6.66	1	2.30	5	25.06	1
13	Max	-28	0.00	1	0.00	1	0.00	1	78.63	28	45.33	28	8.52	1	2.30	5	25.18	1
13	Max	-27	0.00	1	0.00	1	0.00	1	70.60	28	108.83	1	13.91	1	2.27	5	25.18	1
13	Max	-17	0.00	1	0.00	1	0.00	1	81.61	1	103.59	1	8.76	13	2.27	5	25.06	1
13	Min.	-18	0.00	1	0.00	1	0.00	1	46.95	5	18.65	1	0.18	1	0.37	5	-27.70	1
13	Min.	-28	0.00	1	0.00	1	0.00	1	43.05	5	23.50	1	-15.31	1	0.37	5	-27.81	1
13	Min.	-27	0.00	1	0.00	1	0.00	1	22.83	1	-27.46	1	-15.43	1	0.29	5	-27.81	1
13	Min.	-17	0.00	1	0.00	1	0.00	1	25.24	1	-26.62	1	4.87	5	0.29	5	-27.70	1
13	Max	-5	0.00	1	0.00	1	0.00	1	29.90	1	3.52	1	-2.57	1	21.68	1	30.66	1
13	Max	-2	0.00	1	0.00	1	0.00	1	29.15	1	-3.04	1	25.00	1	16.78	28	31.51	1
13	Max	-18	0.00	1	0.00	1	0.00	1	58.16	28	88.73	28	-3.93	1	18.72	1	26.05	1
13	Max	-17	0.00	1	0.00	1	0.00	1	80.60	1	82.82	1	-3.41	1	15.83	28	22.90	1
13	Min.	-5	0.00	1	0.00	1	0.00	1	-0.73	1	-14.16	1	-11.88	1	3.71	1	-3.78	1
13	Min.	-2	0.00	1	0.00	1	0.00	1	-36.88	1	-9.64	1	-8.35	1	8.51	5	-4.37	1
13	Min.	-18	0.00	1	0.00	1	0.00	1	25.74	1	34.36	1	-12.09	1	-0.52	1	-0.90	1
13	Min.	-17	0.00	1	0.00	1	0.00	1	3.58	1	8.59	1	-25.79	1	5.93	1	1.15	1

Verifiche e armature solette/platee

Simbologia

Nodo	= Numero del nodo
X	= Coordinata X del nodo
Y	= Coordinata Y del nodo
DV	= Direzione di verifica
	XX = Verifica per momento Mxx
	YY = Verifica per momento Myy
CC	= Numero della combinazione delle condizioni di carico elementari
TCC	= Tipo di combinazione di carico
	SLU = Stato limite ultimo
	SLU S = Stato limite ultimo (azione sismica)
	SLE R = Stato limite d'esercizio, combinazione rara
	SLE F = Stato limite d'esercizio, combinazione frequente
	SLE Q = Stato limite d'esercizio, combinazione quasi permanente
	SLD = Stato limite di danno
	SLV = Stato limite di salvaguardia della vita
	SLC = Stato limite di prevenzione del collasso
	SLO = Stato limite di operatività
c	= Ricoprimento dell'armatura
s	= Distanza minima tra le barre
K3	= Coefficiente di forma del diagramma delle tensioni prima della fessurazione
s_{rm}	= Distanza media tra le fessure
Φ	= Diametro della barra
A_s	= Area complessiva dei ferri nell'area di calcestruzzo efficace
$A_{c\ eff}$	= Area di calcestruzzo efficace
σ_s	= Tensione nell'acciaio nella sezione fessurata
σ_{sr}	= Tensione nell'acciaio corrispondente al raggiungimento della resistenza a trazione nel calcestruzzo
ϵ_{sm}	= Deformazione unitaria media dell'armatura (*1000)
wk	= Apertura delle fessure
AfE S	= Area di ferro effettiva totale presente nel punto di verifica, superiore
AfE I	= Area di ferro effettiva totale presente nel punto di verifica, inferiore
Mom	= Momento flettente
Mu	= Momento ultimo
Sic.	= Sicurezza a rottura
σ_c	= Tensione nel calcestruzzo
σ_f	= Tensione nel ferro
Pil	= Numero del pilastro
P_{sd}	= Sollecitazione di punzonamento
Pv	= Perimetro di verifica per punzonamento
Ab	= Area di base della superficie di punzonamento
σ_t	= Tensione sul terreno
Af punz.	= Area di ferro resistente a punzonamento
P_{rd}	= Resistenza al punzonamento

Stato Limite Ultimo - Armatura a punzonamento - Verifiche armatura esistente

Pil	X <m>	Y <m>	CC	TCC	P_{sd} <kN>	Pv <m>	Ab <mq>	σ_t <kN/mq>	Af punz. <cmq>	P_{rd} <kN>
3	0.00	1.65	1	SLV	398.06	2.97	1.14	0.00		426.51
3	0.00	1.65	2	SLV	382.21	2.97	1.14	0.00		426.51
3	0.00	1.65	3	SLV	339.98	2.97	1.14	0.00		426.51
3	0.00	1.65	4	SLV	355.83	2.97	1.14	0.00		426.51
3	0.00	1.65	5	SLV	456.80	2.97	1.14	0.00	37.70	1043.12
3	0.00	1.65	6	SLV	440.94	2.97	1.14	0.00	37.70	1043.12
3	0.00	1.65	7	SLV	444.13	2.97	1.14	0.00	37.70	1043.12
3	0.00	1.65	8	SLV	428.27	2.97	1.14	0.00	37.70	1043.12
3	0.00	1.65	9	SLV	401.77	2.97	1.14	0.00		426.51
3	0.00	1.65	10	SLV	338.76	2.97	1.14	0.00		426.51
3	0.00	1.65	11	SLV	389.11	2.97	1.14	0.00		426.51
3	0.00	1.65	12	SLV	348.93	2.97	1.14	0.00		426.51
3	0.00	1.65	13	SLU	638.29	2.97	1.14	0.00	37.70	1043.12
3	0.00	1.65	14	SLU	489.44	2.97	1.14	0.00	37.70	1043.12
3	0.00	1.65	18	SLU	582.23	2.97	1.14	0.00	37.70	1043.12
3	0.00	1.65	19	SLU	433.38	2.97	1.14	0.00	37.70	1043.12
3	0.00	1.65	23	SLU	513.75	2.97	1.14	0.00	37.70	1043.12
3	0.00	1.65	24	SLU	364.90	2.97	1.14	0.00		426.51
3	0.00	1.65	28	SLU	503.98	2.97	1.14	0.00	37.70	1043.12
3	0.00	1.65	29	SLU	355.13	2.97	1.14	0.00		426.51
3	0.00	1.65	33	SLU	549.70	2.97	1.14	0.00	37.70	1043.12
3	0.00	1.65	34	SLU	400.85	2.97	1.14	0.00		426.51
4	12.50	1.65	1	SLV	729.95	4.44	1.23	0.00	72.38	2002.79
4	12.50	1.65	2	SLV	696.97	4.44	1.23	0.00	72.38	2002.79
4	12.50	1.65	3	SLV	692.31	4.44	1.23	0.00	72.38	2002.79
4	12.50	1.65	4	SLV	659.33	4.44	1.23	0.00	72.38	2002.79
4	12.50	1.65	5	SLV	747.65	4.44	1.23	0.00	72.38	2002.79
4	12.50	1.65	6	SLV	714.67	4.44	1.23	0.00	72.38	2002.79
4	12.50	1.65	7	SLV	725.18	4.44	1.23	0.00	72.38	2002.79
4	12.50	1.65	8	SLV	692.20	4.44	1.23	0.00	72.38	2002.79
4	12.50	1.65	9	SLV	742.22	4.44	1.23	0.00	72.38	2002.79
4	12.50	1.65	10	SLV	704.58	4.44	1.23	0.00	72.38	2002.79
4	12.50	1.65	11	SLV	719.75	4.44	1.23	0.00	72.38	2002.79
4	12.50	1.65	12	SLV	682.11	4.44	1.23	0.00	72.38	2002.79
4	12.50	1.65	13	SLU	1016.04	4.44	1.23	0.00	72.38	2002.79
4	12.50	1.65	14	SLU	715.10	4.44	1.23	0.00	72.38	2002.79
4	12.50	1.65	18	SLU	1144.70	4.44	1.23	0.00	72.38	2002.79

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4	12.50	1.65	19	SLU	843.75	4.44	1.23	0.00	72.38	2002.79
4	12.50	1.65	23	SLU	1047.27	4.44	1.23	0.00	72.38	2002.79
4	12.50	1.65	24	SLU	746.33	4.44	1.23	0.00	72.38	2002.79
4	12.50	1.65	28	SLU	1052.55	4.44	1.23	0.00	72.38	2002.79
4	12.50	1.65	29	SLU	751.61	4.44	1.23	0.00	72.38	2002.79
4	12.50	1.65	33	SLU	1129.75	4.44	1.23	0.00	72.38	2002.79
4	12.50	1.65	34	SLU	828.81	4.44	1.23	0.00	72.38	2002.79
5	20.55	1.65	1	SLV	703.39	4.44	1.23	0.00	72.38	2002.79
5	20.55	1.65	2	SLV	668.86	4.44	1.23	0.00	72.38	2002.79
5	20.55	1.65	3	SLV	669.88	4.44	1.23	0.00	72.38	2002.79
5	20.55	1.65	4	SLV	680.08	4.44	1.23	0.00	72.38	2002.79
5	20.55	1.65	5	SLV	734.32	4.44	1.23	0.00	72.38	2002.79
5	20.55	1.65	6	SLV	699.79	4.44	1.23	0.00	72.38	2002.79
5	20.55	1.65	7	SLV	727.33	4.44	1.23	0.00	72.38	2002.79
5	20.55	1.65	8	SLV	692.80	4.44	1.23	0.00	72.38	2002.79
5	20.55	1.65	9	SLV	735.52	4.44	1.23	0.00	72.38	2002.79
5	20.55	1.65	10	SLV	702.01	4.44	1.23	0.00	72.38	2002.79
5	20.55	1.65	11	SLV	728.52	4.44	1.23	0.00	72.38	2002.79
5	20.55	1.65	12	SLV	695.02	4.44	1.23	0.00	72.38	2002.79
5	20.55	1.65	13	SLU	1040.06	4.44	1.23	0.00	72.38	2002.79
5	20.55	1.65	14	SLU	738.87	4.44	1.23	0.00	72.38	2002.79
5	20.55	1.65	18	SLU	974.17	4.44	1.23	0.00	72.38	2002.79
5	20.55	1.65	19	SLU	672.98	4.44	1.23	0.00	72.38	2002.79
5	20.55	1.65	23	SLU	984.47	4.44	1.23	0.00	72.38	2002.79
5	20.55	1.65	24	SLU	683.28	4.44	1.23	0.00	72.38	2002.79
5	20.55	1.65	28	SLU	1053.56	4.44	1.23	0.00	72.38	2002.79
5	20.55	1.65	29	SLU	752.37	4.44	1.23	0.00	72.38	2002.79
5	20.55	1.65	33	SLU	990.33	4.44	1.23	0.00	72.38	2002.79
5	20.55	1.65	34	SLU	689.14	4.44	1.23	0.00	72.38	2002.79
6	33.05	1.65	1	SLV	377.80	2.97	1.14	0.00		426.51
6	33.05	1.65	2	SLV	362.29	2.97	1.14	0.00		426.51
6	33.05	1.65	3	SLV	356.62	2.97	1.14	0.00		426.51
6	33.05	1.65	4	SLV	372.14	2.97	1.14	0.00		426.51
6	33.05	1.65	5	SLV	447.84	2.97	1.14	0.00	37.70	1043.12
6	33.05	1.65	6	SLV	432.32	2.97	1.14	0.00	37.70	1043.12
6	33.05	1.65	7	SLV	446.14	2.97	1.14	0.00	37.70	1043.12
6	33.05	1.65	8	SLV	430.62	2.97	1.14	0.00	37.70	1043.12
6	33.05	1.65	9	SLV	393.93	2.97	1.14	0.00		426.51
6	33.05	1.65	10	SLV	340.50	2.97	1.14	0.00		426.51
6	33.05	1.65	11	SLV	392.23	2.97	1.14	0.00		426.51
6	33.05	1.65	12	SLV	342.20	2.97	1.14	0.00		426.51
6	33.05	1.65	13	SLU	557.46	2.97	1.14	0.00	37.70	1043.12
6	33.05	1.65	14	SLU	408.56	2.97	1.14	0.00		426.51
6	33.05	1.65	18	SLU	563.37	2.97	1.14	0.00	37.70	1043.12
6	33.05	1.65	19	SLU	414.47	2.97	1.14	0.00		426.51
6	33.05	1.65	23	SLU	515.54	2.97	1.14	0.00	37.70	1043.12
6	33.05	1.65	24	SLU	366.64	2.97	1.14	0.00		426.51
6	33.05	1.65	28	SLU	502.53	2.97	1.14	0.00	37.70	1043.12
6	33.05	1.65	29	SLU	353.63	2.97	1.14	0.00		426.51
6	33.05	1.65	33	SLU	517.42	2.97	1.14	0.00	37.70	1043.12
6	33.05	1.65	34	SLU	368.52	2.97	1.14	0.00		426.51
8	0.00	4.15	1	SLV	252.49	2.97	1.14	0.00		426.51
8	0.00	4.15	2	SLV	243.03	2.97	1.14	0.00		426.51
8	0.00	4.15	3	SLV	215.64	2.97	1.14	0.00		426.51
8	0.00	4.15	4	SLV	225.10	2.97	1.14	0.00		426.51
8	0.00	4.15	5	SLV	348.05	2.97	1.14	0.00		426.51
8	0.00	4.15	6	SLV	338.59	2.97	1.14	0.00		426.51
8	0.00	4.15	7	SLV	339.83	2.97	1.14	0.00		426.51
8	0.00	4.15	8	SLV	330.38	2.97	1.14	0.00		426.51
8	0.00	4.15	9	SLV	253.94	2.97	1.14	0.00		426.51
8	0.00	4.15	10	SLV	214.20	2.97	1.14	0.00		426.51
8	0.00	4.15	11	SLV	245.72	2.97	1.14	0.00		426.51
8	0.00	4.15	12	SLV	222.41	2.97	1.14	0.00		426.51
8	0.00	4.15	13	SLU	574.79	2.97	1.14	0.00	37.70	1043.12
8	0.00	4.15	14	SLU	524.54	2.97	1.14	0.00	37.70	1043.12
8	0.00	4.15	18	SLU	446.61	2.97	1.14	0.00	37.70	1043.12
8	0.00	4.15	19	SLU	396.36	2.97	1.14	0.00		426.51
8	0.00	4.15	23	SLU	309.27	2.97	1.14	0.00		426.51
8	0.00	4.15	24	SLU	259.02	2.97	1.14	0.00		426.51
8	0.00	4.15	28	SLU	245.59	2.97	1.14	0.00		426.51
8	0.00	4.15	29	SLU	195.34	2.97	1.14	0.00		426.51
8	0.00	4.15	33	SLU	327.76	2.97	1.14	0.00		426.51
8	0.00	4.15	34	SLU	277.51	2.97	1.14	0.00		426.51
9	12.50	4.15	1	SLV	425.62	4.44	1.23	0.00		637.61
9	12.50	4.15	2	SLV	409.68	4.44	1.23	0.00		637.61
9	12.50	4.15	3	SLV	418.64	4.44	1.23	0.00		637.61
9	12.50	4.15	4	SLV	402.70	4.44	1.23	0.00		637.61
9	12.50	4.15	5	SLV	415.35	4.44	1.23	0.00		637.61
9	12.50	4.15	6	SLV	399.40	4.44	1.23	0.00		637.61

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9	12.50	4.15	7	SLV	399.56	4.44	1.23	0.00		637.61
9	12.50	4.15	8	SLV	392.07	4.44	1.23	0.00		637.61
9	12.50	4.15	9	SLV	425.80	4.44	1.23	0.00		637.61
9	12.50	4.15	10	SLV	418.82	4.44	1.23	0.00		637.61
9	12.50	4.15	11	SLV	410.01	4.44	1.23	0.00		637.61
9	12.50	4.15	12	SLV	403.02	4.44	1.23	0.00		637.61
9	12.50	4.15	13	SLU	635.84	4.44	1.23	0.00		637.61
9	12.50	4.15	14	SLU	536.74	4.44	1.23	0.00		637.61
9	12.50	4.15	18	SLU	877.90	4.44	1.23	0.00	50.27	1390.83
9	12.50	4.15	19	SLU	778.80	4.44	1.23	0.00	50.27	1390.83
9	12.50	4.15	23	SLU	937.02	4.44	1.23	0.00	50.27	1390.83
9	12.50	4.15	24	SLU	837.91	4.44	1.23	0.00	50.27	1390.83
9	12.50	4.15	28	SLU	745.57	4.44	1.23	0.00	50.27	1390.83
9	12.50	4.15	29	SLU	646.47	4.44	1.23	0.00	50.27	1390.83
9	12.50	4.15	33	SLU	983.20	4.44	1.23	0.00	50.27	1390.83
9	12.50	4.15	34	SLU	884.10	4.44	1.23	0.00	50.27	1390.83
10	20.55	4.15	1	SLV	406.64	4.44	1.23	0.00		637.61
10	20.55	4.15	2	SLV	389.21	4.44	1.23	0.00		637.61
10	20.55	4.15	3	SLV	400.55	4.44	1.23	0.00		637.61
10	20.55	4.15	4	SLV	389.41	4.44	1.23	0.00		637.61
10	20.55	4.15	5	SLV	407.71	4.44	1.23	0.00		637.61
10	20.55	4.15	6	SLV	390.28	4.44	1.23	0.00		637.61
10	20.55	4.15	7	SLV	402.54	4.44	1.23	0.00		637.61
10	20.55	4.15	8	SLV	387.42	4.44	1.23	0.00		637.61
10	20.55	4.15	9	SLV	420.94	4.44	1.23	0.00		637.61
10	20.55	4.15	10	SLV	414.85	4.44	1.23	0.00		637.61
10	20.55	4.15	11	SLV	415.77	4.44	1.23	0.00		637.61
10	20.55	4.15	12	SLV	409.68	4.44	1.23	0.00		637.61
10	20.55	4.15	13	SLU	596.52	4.44	1.23	0.00		637.61
10	20.55	4.15	14	SLU	498.02	4.44	1.23	0.00		637.61
10	20.55	4.15	18	SLU	541.41	4.44	1.23	0.00		637.61
10	20.55	4.15	19	SLU	442.90	4.44	1.23	0.00		637.61
10	20.55	4.15	23	SLU	545.51	4.44	1.23	0.00		637.61
10	20.55	4.15	24	SLU	447.00	4.44	1.23	0.00		637.61
10	20.55	4.15	28	SLU	741.91	4.44	1.23	0.00	50.27	1390.83
10	20.55	4.15	29	SLU	643.40	4.44	1.23	0.00	50.27	1390.83
10	20.55	4.15	33	SLU	530.76	4.44	1.23	0.00		637.61
10	20.55	4.15	34	SLU	432.25	4.44	1.23	0.00		637.61
11	33.05	4.15	1	SLV	237.90	2.97	1.14	0.00		426.51
11	33.05	4.15	2	SLV	229.95	2.97	1.14	0.00		426.51
11	33.05	4.15	3	SLV	226.57	2.97	1.14	0.00		426.51
11	33.05	4.15	4	SLV	234.51	2.97	1.14	0.00		426.51
11	33.05	4.15	5	SLV	339.53	2.97	1.14	0.00		426.51
11	33.05	4.15	6	SLV	331.58	2.97	1.14	0.00		426.51
11	33.05	4.15	7	SLV	338.51	2.97	1.14	0.00		426.51
11	33.05	4.15	8	SLV	330.57	2.97	1.14	0.00		426.51
11	33.05	4.15	9	SLV	245.98	2.97	1.14	0.00		426.51
11	33.05	4.15	10	SLV	218.49	2.97	1.14	0.00		426.51
11	33.05	4.15	11	SLV	244.96	2.97	1.14	0.00		426.51
11	33.05	4.15	12	SLV	219.50	2.97	1.14	0.00		426.51
11	33.05	4.15	13	SLU	318.53	2.97	1.14	0.00		426.51
11	33.05	4.15	14	SLU	268.38	2.97	1.14	0.00		426.51
11	33.05	4.15	18	SLU	324.45	2.97	1.14	0.00		426.51
11	33.05	4.15	19	SLU	274.30	2.97	1.14	0.00		426.51
11	33.05	4.15	23	SLU	255.07	2.97	1.14	0.00		426.51
11	33.05	4.15	24	SLU	204.92	2.97	1.14	0.00		426.51
11	33.05	4.15	28	SLU	244.09	2.97	1.14	0.00		426.51
11	33.05	4.15	29	SLU	193.94	2.97	1.14	0.00		426.51
11	33.05	4.15	33	SLU	256.55	2.97	1.14	0.00		426.51
11	33.05	4.15	34	SLU	206.40	2.97	1.14	0.00		426.51
12	0.00	6.65	1	SLV	221.87	2.97	1.14	0.00		426.51
12	0.00	6.65	2	SLV	213.13	2.97	1.14	0.00		426.51
12	0.00	6.65	3	SLV	208.37	2.97	1.14	0.00		426.51
12	0.00	6.65	4	SLV	199.63	2.97	1.14	0.00		426.51
12	0.00	6.65	5	SLV	223.57	2.97	1.14	0.00		426.51
12	0.00	6.65	6	SLV	214.83	2.97	1.14	0.00		426.51
12	0.00	6.65	7	SLV	211.53	2.97	1.14	0.00		426.51
12	0.00	6.65	8	SLV	202.78	2.97	1.14	0.00		426.51
12	0.00	6.65	9	SLV	218.03	2.97	1.14	0.00		426.51
12	0.00	6.65	10	SLV	204.53	2.97	1.14	0.00		426.51
12	0.00	6.65	11	SLV	205.99	2.97	1.14	0.00		426.51
12	0.00	6.65	12	SLV	192.49	2.97	1.14	0.00		426.51
12	0.00	6.65	13	SLU	822.94	2.97	1.14	0.00	54.29	1502.10
12	0.00	6.65	14	SLU	772.24	2.97	1.14	0.00	54.29	1502.10
12	0.00	6.65	18	SLU	442.40	2.97	1.14	0.00	54.29	1502.10
12	0.00	6.65	19	SLU	391.70	2.97	1.14	0.00		426.51
12	0.00	6.65	23	SLU	330.17	2.97	1.14	0.00		426.51
12	0.00	6.65	24	SLU	279.46	2.97	1.14	0.00		426.51
12	0.00	6.65	28	SLU	250.25	2.97	1.14	0.00		426.51

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12	0.00	6.65	29	SLU	199.54	2.97	1.14	0.00		426.51
12	0.00	6.65	33	SLU	341.63	2.97	1.14	0.00		426.51
12	0.00	6.65	34	SLU	290.92	2.97	1.14	0.00		426.51
13	12.50	6.65	1	SLV	424.60	4.44	1.23	0.00		637.61
13	12.50	6.65	2	SLV	408.70	4.44	1.23	0.00		637.61
13	12.50	6.65	3	SLV	418.88	4.44	1.23	0.00		637.61
13	12.50	6.65	4	SLV	402.99	4.44	1.23	0.00		637.61
13	12.50	6.65	5	SLV	412.86	4.44	1.23	0.00		637.61
13	12.50	6.65	6	SLV	396.97	4.44	1.23	0.00		637.61
13	12.50	6.65	7	SLV	397.09	4.44	1.23	0.00		637.61
13	12.50	6.65	8	SLV	393.82	4.44	1.23	0.00		637.61
13	12.50	6.65	9	SLV	424.74	4.44	1.23	0.00		637.61
13	12.50	6.65	10	SLV	419.02	4.44	1.23	0.00		637.61
13	12.50	6.65	11	SLV	408.96	4.44	1.23	0.00		637.61
13	12.50	6.65	12	SLV	403.25	4.44	1.23	0.00		637.61
13	12.50	6.65	13	SLU	660.02	4.44	1.23	0.00	72.38	2002.79
13	12.50	6.65	14	SLU	561.13	4.44	1.23	0.00		637.61
13	12.50	6.65	18	SLU	931.69	4.44	1.23	0.00	72.38	2002.79
13	12.50	6.65	19	SLU	832.80	4.44	1.23	0.00	72.38	2002.79
13	12.50	6.65	23	SLU	1259.26	4.44	1.23	0.00	72.38	2002.79
13	12.50	6.65	24	SLU	1160.37	4.44	1.23	0.00	72.38	2002.79
13	12.50	6.65	28	SLU	850.05	4.44	1.23	0.00	72.38	2002.79
13	12.50	6.65	29	SLU	751.16	4.44	1.23	0.00	72.38	2002.79
13	12.50	6.65	33	SLU	1271.05	4.44	1.23	0.00	72.38	2002.79
13	12.50	6.65	34	SLU	1172.16	4.44	1.23	0.00	72.38	2002.79
14	20.55	6.65	1	SLV	408.59	4.44	1.23	0.00		637.61
14	20.55	6.65	2	SLV	391.09	4.44	1.23	0.00		637.61
14	20.55	6.65	3	SLV	404.04	4.44	1.23	0.00		637.61
14	20.55	6.65	4	SLV	391.35	4.44	1.23	0.00		637.61
14	20.55	6.65	5	SLV	407.87	4.44	1.23	0.00		637.61
14	20.55	6.65	6	SLV	390.37	4.44	1.23	0.00		637.61
14	20.55	6.65	7	SLV	402.69	4.44	1.23	0.00		637.61
14	20.55	6.65	8	SLV	392.70	4.44	1.23	0.00		637.61
14	20.55	6.65	9	SLV	422.98	4.44	1.23	0.00		637.61
14	20.55	6.65	10	SLV	418.42	4.44	1.23	0.00		637.61
14	20.55	6.65	11	SLV	417.80	4.44	1.23	0.00		637.61
14	20.55	6.65	12	SLV	413.25	4.44	1.23	0.00		637.61
14	20.55	6.65	13	SLU	626.98	4.44	1.23	0.00		637.61
14	20.55	6.65	14	SLU	527.53	4.44	1.23	0.00		637.61
14	20.55	6.65	18	SLU	564.95	4.44	1.23	0.00		637.61
14	20.55	6.65	19	SLU	465.50	4.44	1.23	0.00		637.61
14	20.55	6.65	23	SLU	587.35	4.44	1.23	0.00		637.61
14	20.55	6.65	24	SLU	487.90	4.44	1.23	0.00		637.61
14	20.55	6.65	28	SLU	853.51	4.44	1.23	0.00	50.27	1390.83
14	20.55	6.65	29	SLU	754.06	4.44	1.23	0.00	50.27	1390.83
14	20.55	6.65	33	SLU	560.55	4.44	1.23	0.00		637.61
14	20.55	6.65	34	SLU	461.11	4.44	1.23	0.00		637.61
15	33.05	6.65	1	SLV	201.27	2.97	1.14	0.00		426.51
15	33.05	6.65	2	SLV	193.54	2.97	1.14	0.00		426.51
15	33.05	6.65	3	SLV	190.69	2.97	1.14	0.00		426.51
15	33.05	6.65	4	SLV	198.41	2.97	1.14	0.00		426.51
15	33.05	6.65	5	SLV	214.55	2.97	1.14	0.00		426.51
15	33.05	6.65	6	SLV	206.83	2.97	1.14	0.00		426.51
15	33.05	6.65	7	SLV	213.70	2.97	1.14	0.00		426.51
15	33.05	6.65	8	SLV	205.97	2.97	1.14	0.00		426.51
15	33.05	6.65	9	SLV	209.28	2.97	1.14	0.00		426.51
15	33.05	6.65	10	SLV	197.04	2.97	1.14	0.00		426.51
15	33.05	6.65	11	SLV	208.43	2.97	1.14	0.00		426.51
15	33.05	6.65	12	SLV	196.18	2.97	1.14	0.00		426.51
15	33.05	6.65	13	SLU	337.23	2.97	1.14	0.00		426.51
15	33.05	6.65	14	SLU	286.46	2.97	1.14	0.00		426.51
15	33.05	6.65	18	SLU	340.92	2.97	1.14	0.00		426.51
15	33.05	6.65	19	SLU	290.15	2.97	1.14	0.00		426.51
15	33.05	6.65	23	SLU	257.73	2.97	1.14	0.00		426.51
15	33.05	6.65	24	SLU	206.96	2.97	1.14	0.00		426.51
15	33.05	6.65	28	SLU	249.36	2.97	1.14	0.00		426.51
15	33.05	6.65	29	SLU	198.59	2.97	1.14	0.00		426.51
15	33.05	6.65	33	SLU	258.92	2.97	1.14	0.00		426.51
15	33.05	6.65	34	SLU	208.15	2.97	1.14	0.00		426.51
17	0.00	9.15	1	SLV	371.22	2.97	1.14	0.00		426.51
17	0.00	9.15	2	SLV	355.78	2.97	1.14	0.00		426.51
17	0.00	9.15	3	SLV	355.35	2.97	1.14	0.00		426.51
17	0.00	9.15	4	SLV	339.91	2.97	1.14	0.00		426.51
17	0.00	9.15	5	SLV	376.84	2.97	1.14	0.00		426.51
17	0.00	9.15	6	SLV	361.40	2.97	1.14	0.00		426.51
17	0.00	9.15	7	SLV	365.79	2.97	1.14	0.00		426.51
17	0.00	9.15	8	SLV	350.35	2.97	1.14	0.00		426.51
17	0.00	9.15	9	SLV	376.33	2.97	1.14	0.00		426.51
17	0.00	9.15	10	SLV	360.46	2.97	1.14	0.00		426.51

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17	0.00	9.15	11	SLV	365.28	2.97	1.14	0.00		426.51
17	0.00	9.15	12	SLV	349.41	2.97	1.14	0.00		426.51
17	0.00	9.15	13	SLU	1147.40	2.97	1.14	0.00	54.29	1502.10
17	0.00	9.15	14	SLU	998.60	2.97	1.14	0.00	54.29	1502.10
17	0.00	9.15	18	SLU	921.86	2.97	1.14	0.00	54.29	1502.10
17	0.00	9.15	19	SLU	773.05	2.97	1.14	0.00	54.29	1502.10
17	0.00	9.15	23	SLU	664.53	2.97	1.14	0.00	54.29	1502.10
17	0.00	9.15	24	SLU	515.73	2.97	1.14	0.00	54.29	1502.10
17	0.00	9.15	28	SLU	489.95	2.97	1.14	0.00	54.29	1502.10
17	0.00	9.15	29	SLU	341.15	2.97	1.14	0.00		426.51
17	0.00	9.15	33	SLU	678.63	2.97	1.14	0.00	54.29	1502.10
17	0.00	9.15	34	SLU	529.82	2.97	1.14	0.00	54.29	1502.10
18	12.50	9.15	1	SLV	729.99	4.44	1.23	0.00	72.38	2002.79
18	12.50	9.15	2	SLV	696.98	4.44	1.23	0.00	72.38	2002.79
18	12.50	9.15	3	SLV	690.04	4.44	1.23	0.00	72.38	2002.79
18	12.50	9.15	4	SLV	657.03	4.44	1.23	0.00	72.38	2002.79
18	12.50	9.15	5	SLV	750.86	4.44	1.23	0.00	72.38	2002.79
18	12.50	9.15	6	SLV	717.85	4.44	1.23	0.00	72.38	2002.79
18	12.50	9.15	7	SLV	728.80	4.44	1.23	0.00	72.38	2002.79
18	12.50	9.15	8	SLV	695.79	4.44	1.23	0.00	72.38	2002.79
18	12.50	9.15	9	SLV	742.76	4.44	1.23	0.00	72.38	2002.79
18	12.50	9.15	10	SLV	702.82	4.44	1.23	0.00	72.38	2002.79
18	12.50	9.15	11	SLV	720.70	4.44	1.23	0.00	72.38	2002.79
18	12.50	9.15	12	SLV	680.75	4.44	1.23	0.00	72.38	2002.79
18	12.50	9.15	13	SLU	1232.88	4.44	1.23	0.00	72.38	2002.79
18	12.50	9.15	14	SLU	932.08	4.44	1.23	0.00	72.38	2002.79
18	12.50	9.15	18	SLU	1631.49	4.44	1.23	0.00	72.38	2002.79
18	12.50	9.15	19	SLU	1330.68	4.44	1.23	0.00	72.38	2002.79
18	12.50	9.15	23	SLU	1772.56	4.44	1.23	0.00	72.38	2002.79
18	12.50	9.15	24	SLU	1471.75	4.44	1.23	0.00	72.38	2002.79
18	12.50	9.15	28	SLU	1385.97	4.44	1.23	0.00	72.38	2002.79
18	12.50	9.15	29	SLU	1085.17	4.44	1.23	0.00	72.38	2002.79
18	12.50	9.15	33	SLU	1794.49	4.44	1.23	0.00	72.38	2002.79
18	12.50	9.15	34	SLU	1493.69	4.44	1.23	0.00	72.38	2002.79
19	20.55	9.15	1	SLV	699.74	4.44	1.23	0.00	72.38	2002.79
19	20.55	9.15	2	SLV	665.97	4.44	1.23	0.00	72.38	2002.79
19	20.55	9.15	3	SLV	671.59	4.44	1.23	0.00	72.38	2002.79
19	20.55	9.15	4	SLV	676.39	4.44	1.23	0.00	72.38	2002.79
19	20.55	9.15	5	SLV	724.42	4.44	1.23	0.00	72.38	2002.79
19	20.55	9.15	6	SLV	690.64	4.44	1.23	0.00	72.38	2002.79
19	20.55	9.15	7	SLV	717.41	4.44	1.23	0.00	72.38	2002.79
19	20.55	9.15	8	SLV	683.63	4.44	1.23	0.00	72.38	2002.79
19	20.55	9.15	9	SLV	730.98	4.44	1.23	0.00	72.38	2002.79
19	20.55	9.15	10	SLV	702.82	4.44	1.23	0.00	72.38	2002.79
19	20.55	9.15	11	SLV	723.97	4.44	1.23	0.00	72.38	2002.79
19	20.55	9.15	12	SLV	695.82	4.44	1.23	0.00	72.38	2002.79
19	20.55	9.15	13	SLU	1162.61	4.44	1.23	0.00	72.38	2002.79
19	20.55	9.15	14	SLU	861.63	4.44	1.23	0.00	72.38	2002.79
19	20.55	9.15	18	SLU	1071.28	4.44	1.23	0.00	72.38	2002.79
19	20.55	9.15	19	SLU	770.30	4.44	1.23	0.00	72.38	2002.79
19	20.55	9.15	23	SLU	1088.85	4.44	1.23	0.00	72.38	2002.79
19	20.55	9.15	24	SLU	787.86	4.44	1.23	0.00	72.38	2002.79
19	20.55	9.15	28	SLU	1386.60	4.44	1.23	0.00	72.38	2002.79
19	20.55	9.15	29	SLU	1085.62	4.44	1.23	0.00	72.38	2002.79
19	20.55	9.15	33	SLU	1051.49	4.44	1.23	0.00	72.38	2002.79
19	20.55	9.15	34	SLU	750.51	4.44	1.23	0.00	72.38	2002.79
20	33.05	9.15	1	SLV	353.90	2.97	1.14	0.00		426.51
20	33.05	9.15	2	SLV	339.08	2.97	1.14	0.00		426.51
20	33.05	9.15	3	SLV	338.31	2.97	1.14	0.00		426.51
20	33.05	9.15	4	SLV	348.08	2.97	1.14	0.00		426.51
20	33.05	9.15	5	SLV	370.05	2.97	1.14	0.00		426.51
20	33.05	9.15	6	SLV	355.23	2.97	1.14	0.00		426.51
20	33.05	9.15	7	SLV	368.30	2.97	1.14	0.00		426.51
20	33.05	9.15	8	SLV	353.48	2.97	1.14	0.00		426.51
20	33.05	9.15	9	SLV	369.15	2.97	1.14	0.00		426.51
20	33.05	9.15	10	SLV	353.56	2.97	1.14	0.00		426.51
20	33.05	9.15	11	SLV	367.40	2.97	1.14	0.00		426.51
20	33.05	9.15	12	SLV	351.82	2.97	1.14	0.00		426.51
20	33.05	9.15	13	SLU	660.65	2.97	1.14	0.00	37.70	1043.12
20	33.05	9.15	14	SLU	511.95	2.97	1.14	0.00	37.70	1043.12
20	33.05	9.15	18	SLU	668.83	2.97	1.14	0.00	37.70	1043.12
20	33.05	9.15	19	SLU	520.13	2.97	1.14	0.00	37.70	1043.12
20	33.05	9.15	23	SLU	511.58	2.97	1.14	0.00	37.70	1043.12
20	33.05	9.15	24	SLU	362.88	2.97	1.14	0.00		426.51
20	33.05	9.15	28	SLU	488.05	2.97	1.14	0.00	37.70	1043.12
20	33.05	9.15	29	SLU	339.35	2.97	1.14	0.00		426.51
20	33.05	9.15	33	SLU	515.08	2.97	1.14	0.00	37.70	1043.12
20	33.05	9.15	34	SLU	366.38	2.97	1.14	0.00		426.51
33	0.00	2.48	1	SLV	-2.09	2.97	1.14	0.00		426.51

Relazione di Calcolo - Ponte Torrente Gogna

33	0.00	2.48	2 SLV	-2.00	2.97	1.14	0.00		426.51
33	0.00	2.48	3 SLV	-2.02	2.97	1.14	0.00		426.51
33	0.00	2.48	4 SLV	-2.07	2.97	1.14	0.00		426.51
33	0.00	2.48	5 SLV	-2.17	2.97	1.14	0.00		426.51
33	0.00	2.48	6 SLV	-2.08	2.97	1.14	0.00		426.51
33	0.00	2.48	7 SLV	-2.16	2.97	1.14	0.00		426.51
33	0.00	2.48	8 SLV	-2.07	2.97	1.14	0.00		426.51
33	0.00	2.48	9 SLV	-2.19	2.97	1.14	0.00		426.51
33	0.00	2.48	10 SLV	-2.12	2.97	1.14	0.00		426.51
33	0.00	2.48	11 SLV	-2.18	2.97	1.14	0.00		426.51
33	0.00	2.48	12 SLV	-2.11	2.97	1.14	0.00		426.51
33	0.00	2.48	13 SLU	-2.70	2.97	1.14	0.00		426.51
33	0.00	2.48	14 SLU	-2.70	2.97	1.14	0.00		426.51
33	0.00	2.48	18 SLU	-2.70	2.97	1.14	0.00		426.51
33	0.00	2.48	19 SLU	-2.70	2.97	1.14	0.00		426.51
33	0.00	2.48	23 SLU	-2.70	2.97	1.14	0.00		426.51
33	0.00	2.48	24 SLU	-2.70	2.97	1.14	0.00		426.51
33	0.00	2.48	28 SLU	-2.70	2.97	1.14	0.00		426.51
33	0.00	2.48	29 SLU	-2.70	2.97	1.14	0.00		426.51
33	0.00	2.48	33 SLU	-2.70	2.97	1.14	0.00		426.51
33	0.00	2.48	34 SLU	-2.70	2.97	1.14	0.00		426.51
42	0.00	8.15	1 SLV	-2.09	2.97	1.14	0.00		426.51
42	0.00	8.15	2 SLV	-2.00	2.97	1.14	0.00		426.51
42	0.00	8.15	3 SLV	-2.01	2.97	1.14	0.00		426.51
42	0.00	8.15	4 SLV	-2.08	2.97	1.14	0.00		426.51
42	0.00	8.15	5 SLV	-2.17	2.97	1.14	0.00		426.51
42	0.00	8.15	6 SLV	-2.08	2.97	1.14	0.00		426.51
42	0.00	8.15	7 SLV	-2.17	2.97	1.14	0.00		426.51
42	0.00	8.15	8 SLV	-2.08	2.97	1.14	0.00		426.51
42	0.00	8.15	9 SLV	-2.19	2.97	1.14	0.00		426.51
42	0.00	8.15	10 SLV	-2.11	2.97	1.14	0.00		426.51
42	0.00	8.15	11 SLV	-2.18	2.97	1.14	0.00		426.51
42	0.00	8.15	12 SLV	-2.11	2.97	1.14	0.00		426.51
42	0.00	8.15	13 SLU	-2.70	2.97	1.14	0.00		426.51
42	0.00	8.15	14 SLU	-2.70	2.97	1.14	0.00		426.51
42	0.00	8.15	18 SLU	-2.70	2.97	1.14	0.00		426.51
42	0.00	8.15	19 SLU	-2.70	2.97	1.14	0.00		426.51
42	0.00	8.15	23 SLU	-2.70	2.97	1.14	0.00		426.51
42	0.00	8.15	24 SLU	-2.70	2.97	1.14	0.00		426.51
42	0.00	8.15	28 SLU	-2.70	2.97	1.14	0.00		426.51
42	0.00	8.15	29 SLU	-2.70	2.97	1.14	0.00		426.51
42	0.00	8.15	33 SLU	-2.70	2.97	1.14	0.00		426.51
42	0.00	8.15	34 SLU	-2.70	2.97	1.14	0.00		426.51

Verifiche e armature plinti/pali

Simbologia

Caso	= Caso di verifica
CC	= Numero della combinazione delle condizioni di carico elementari
TCC	= Tipo di combinazione di carico
	SLU = Stato limite ultimo
	SLU S = Stato limite ultimo (azione sismica)
	SLE R = Stato limite d'esercizio, combinazione rara
	SLE F = Stato limite d'esercizio, combinazione frequente
	SLE Q = Stato limite d'esercizio, combinazione quasi permanente
	SLD = Stato limite di danno
	SLV = Stato limite di salvaguardia della vita
	SLC = Stato limite di prevenzione del collasso
	SLO = Stato limite di operatività
Palo	= Numero del palo
Xp	= Coordinata X del palo
Yp	= Coordinata Y del palo
Az	= Azioni ed effetti sul plinto/palo
	RVN = Reazioni vincolari agenti
	TAG = Effetti dovuti ai tagli
	ECC = Effetti dovuti all'eccentricità
	PP = Effetti dovuti al peso proprio
	SVR = Effetti dovuti ai sovraccarichi e al peso del terreno
	TOT = Azioni totali di calcolo
N	= Sforzo normale
Tx	= Taglio in dir. X
Ty	= Taglio in dir. Y
Mx	= Momento intorno all'asse X
My	= Momento intorno all'asse Y
Mz	= Momento intorno all'asse Z
Nodo	= Nodo plinto/palo
Tipo	= Tipo di verifica effettuata

Pali 4-16

Numerazione e posizione pali

Palo	Xp <m>	Yp <m>
1	0.00	0.00

Le sollecitazioni nei pali vengono calcolate oltre che per l'effetto delle reazioni vincolari anche considerando i seguenti effetti

Azioni ed effetti comuni

Az	N <kN>	Mx <kNm>	My <kNm>	Mz <kNm>
PP	0.00	0.00	0.00	
SVR	0.00			

Azioni ed effetti

Caso	Nodo	CC	TCC	Az	N <kN>	Tx <kN>	Ty <kN>	Mx <kNm>	My <kNm>
223	20	18	SLU	RVN	979.69	0.00	3.24	73.05	0.00
	20	18	SLU	TAG				0.00	0.00
	20	18	SLU	ECC				0.00	0.00
	20	18	SLU	TOT	979.69	0.00	3.24	73.05	0.00

Sollecitazioni nei pali

Caso	CC	TCC	Palo	N <kN>	Tx <kN>	Ty <kN>	Mx <kNm>	My <kNm>
223	18	SLU	1	-979.69	-0.00	-3.24	-73.05	0.00

Verifiche effettuate

Caso	Tipo
223	Massima compressione sui pali

Palo n. 1

Verifiche stato limite ultimo per tensioni normali

Caso	CC	TCC	X <m>	N <kN>	My <kNm>	Mz <kNm>	Nu <kN>	Myu <kNm>	Mzu <kNm>	Sic.
1633	5	SLV	0.00	-492.56	-253.18	-0.00	-492.56	-987.97	-0.00	3.902

1640	5	SLV	3.08	-486.26	-831.80	-0.00	-486.26	-986.86	-0.00	1.186
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Verifiche stato limite ultimo per sollecitazioni taglianti

Caso	CC	X <m>	Ty <kN>	Tz <kN>	Vsdu <kN>	VRcd <kN>	VRsd <kN>
1633	5	0.00	0.00	-420.27	420.27	2326.71	578.55
1640	5	3.08	0.00	-11.65	11.65	2325.03	578.55

Verifiche stato limite d'esercizio

Caso	CC	TCC	X <m>	N <kN>	Mz <kNm>	My <kNm>	AfT <cmq>	AfC <cmq>	σ_c <kN/mq>	σ_f <kN/mq>
11120	20	SLE R	0.44	-709.63	0.00	52.99	0.00	81.43	1949.71	27308.50
11271	30	SLE R	22.00	-95.38	0.00	0.00	0.00	81.43	154.69	2320.30
11323	17	SLE Q	0.00	-564.09	0.00	-33.10	0.00	81.43	1413.88	
11373	17	SLE Q	22.00	-94.79	0.00	0.00	0.00	81.43	153.73	

Verifiche effettuate

Caso	Tipo
1633	SLU Taglio - min sic. c.a., SLU Taglio - min sic. acciaio
1640	SLU N cost - min sic.
11120	C.Rare - Sc min (max compr.), C.Rare - Sf min (max compr.)
11271	C.Rare - Sc max (min compr.), C.Rare - Sf max (max traz.)
11323	C.Q.Per. - Sc min (max compr.), C.Q.Per. - Sf min (max compr.)
11373	C.Q.Per. - Sc max (min compr.), C.Q.Per. - Sf max (max traz.)

Palo 17**Numerazione e posizione pali**

Palo	Xp <m>	Yp <m>
1	0.00	0.00

Le sollecitazioni nei pali vengono calcolate oltre che per l'effetto delle reazioni vincolari anche considerando i seguenti effetti

Azioni ed effetti comuni

Az	N <kN>	Mx <kNm>	My <kNm>	Mz <kNm>
PP	0.00	0.00	0.00	
SVR	0.00			

Azioni ed effetti

Caso	CC	TCC	Az	N <kN>	Tx <kN>	Ty <kN>	Mx <kNm>	My <kNm>
97	13	SLU	RVN	1339.08	-0.01	1.01	148.63	-0.03
		13	SLU	TAG			0.00	0.00
		13	SLU	ECC			0.00	0.00
		13	SLU	TOT	1339.08	-0.01	1.01	148.63

Sollecitazioni nei pali

Caso	CC	TCC	Palo	N <kN>	Tx <kN>	Ty <kN>	Mx <kNm>	My <kNm>
97	13	SLU	1	-1339.08	0.01	-1.01	-148.63	0.03

Verifiche effettuate

Caso	Tipo
97	Massima compressione sui pali

Palo n. 1**Verifiche stato limite ultimo per tensioni normali**

Caso	CC	TCC	X <m>	N <kN>	My <kNm>	Mz <kNm>	Nu <kN>	Myu <kNm>	Mzu <kNm>	Sic.
213	1	SLV	3.52	-514.52	61.77	-1165.13	-514.52	76.60	-1385.82	1.189
256	1	SLV	0.00	-524.35	10.09	-190.29	-524.35	76.54	-1387.04	7.289
1123	3	SLV	0.00	-603.11	-8.82	189.80	-603.11	-60.85	1396.91	7.360

Verifiche stato limite ultimo per sollecitazioni taglianti

Caso	CC	X <m>	Ty <kN>	Tz <kN>	Vsdu <kN>	VRcd <kN>	VRsd <kN>
213	1	3.52	-0.16	0.03	0.16	2321.72	794.26
256	1	0.00	-603.67	-131.98	609.97	2324.34	794.26

1123	3	0.00	-603.48	-129.00	608.53	2349.33	788.29
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Verifiche stato limite d'esercizio

Caso	CC	TCC	X <m>	N <kN>	Mz <kNm>	My <kNm>	AfT <cmq>	AfC <cmq>	σ_c <kN/mq>	σ_f <kN/mq>
5407	15	SLE R	0.00	-976.64	0.03	109.78	0.00	127.42	2871.88	39686.10
5409	15	SLE R	0.88	-970.63	0.02	107.03	0.00	127.42	2826.89	39096.20
5610	30	SLE R	22.00	-90.69	0.00	0.00	0.00	127.42	132.29	1984.30
5663	17	SLE Q	0.44	-528.17	0.00	0.13	0.00	127.42	772.19	
5712	17	SLE Q	22.00	-90.53	0.00	0.00	0.00	127.42	132.06	

Verifiche effettuate

Caso	Tipo
213	SLU N cost - min sic.
256	SLU Taglio - min sic. c.a.
1123	SLU Taglio - min sic. acciaio
5407	C.Rare - Sc min (max compr.), C.Rare - Sf min (max compr.)
5409	C.Rare - Sc max (min compr.)
5610	C.Rare - Sf max (max traz.)
5663	C.Q.Per. - Sc min (max compr.), C.Q.Per. - Sf min (max compr.)
5712	C.Q.Per. - Sc max (min compr.), C.Q.Per. - Sf max (max traz.)

Palo 18**Numerazione e posizione pali**

Palo	Xp <m>	Yp <m>
1	0.00	0.00

Le sollecitazioni nei pali vengono calcolate oltre che per l'effetto delle reazioni vincolari anche considerando i seguenti effetti

Azioni ed effetti comuni

Az	N <kN>	Mx <kNm>	My <kNm>	Mz <kNm>
PP	0.00	0.00	0.00	
SVR	0.00			

Azioni ed effetti

Caso	CC	TCC	Az	N <kN>	Tx <kN>	Ty <kN>	Mx <kNm>	My <kNm>
102	18	SLU	RVN	869.17	-0.00	3.24	26.13	0.00
	18	SLU	TAG				0.00	0.00
	18	SLU	ECC				0.00	0.00
	18	SLU	TOT	869.17	-0.00	3.24	26.13	0.00

Sollecitazioni nei pali

Caso	CC	TCC	Palo	N <kN>	Tx <kN>	Ty <kN>	Mx <kNm>	My <kNm>
102	18	SLU	1	-869.17	0.00	-3.24	-26.13	0.00

Verifiche effettuate

Caso	Tipo
102	Massima compressione sui pali

Palo n. 1**Verifiche stato limite ultimo per tensioni normali**

Caso	CC	TCC	X <m>	N <kN>	My <kNm>	Mz <kNm>	Nu <kN>	Myu <kNm>	Mzu <kNm>	Sic.
1684	5	SLV	0.00	-518.30	24.82	-0.00	-518.30	992.44	0.00	39.981
1692	5	SLV	3.52	-508.88	666.27	-0.00	-508.88	990.81	0.00	1.487

Verifiche stato limite ultimo per sollecitazioni taglienti

Caso	CC	X <m>	Ty <kN>	Tz <kN>	Vsdu <kN>	VRcd <kN>	VRsd <kN>
1684	5	0.00	0.00	-418.99	418.99	2333.59	578.55
1692	5	3.52	0.00	-10.82	10.82	2331.08	578.55

Verifiche stato limite d'esercizio

Caso	CC	TCC	X <m>	N <kN>	Mz <kNm>	My <kNm>	AfT <cmq>	AfC <cmq>	σ_c <kN/mq>	σ_f <kN/mq>
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Relazione di Calcolo - Ponte Torrente Gogna

5460	20	SLE R	0.88	-627.33	0.00	20.44	0.00	81.43	1325.52	19135.70
5610	30	SLE R	22.00	-90.51	0.00	0.00	0.00	81.43	146.79	2201.83
5663	17	SLE Q	0.44	-526.52	0.00	0.10	0.00	81.43	855.42	
5712	17	SLE Q	22.00	-90.35	0.00	0.00	0.00	81.43	146.53	

Verifiche effettuate

Caso	Tipo
1684	SLU Taglio - min sic. c.a., SLU Taglio - min sic. acciaio
1692	SLU N cost - min sic.
5460	C.Rare - Sc min (max compr.), C.Rare - Sf min (max compr.)
5610	C.Rare - Sc max (min compr.), C.Rare - Sf max (max traz.)
5663	C.Q.Per. - Sc min (max compr.), C.Q.Per. - Sf min (max compr.)
5712	C.Q.Per. - Sc max (min compr.), C.Q.Per. - Sf max (max traz.)

Verifiche sezioni aste

Simbologia

Caso	=	Caso di verifica
N	=	Sforzo normale
My	=	Momento flettente intorno all'asse Y
Mz	=	Momento flettente intorno all'asse Z
Nu	=	Sforzo normale ultimo
Myu	=	Momento ultimo intorno all'asse Y
Mzu	=	Momento ultimo intorno all'asse Z
Rott.	=	Tipo di rottura
		1-2 = Rott. acciaio: $E_y = E_{yd}$, $E_c < E_{cu}$
		2-3 = Rott. cls: $E_y < E_{yd}$, $E_c = E_{cu}$
		3-4 = Rott. cls: $E_{co} < E_c < E_{cu}$
α	=	Angolo asse neutro a rottura
E_c	=	Deformazione nel calcestruzzo (*1000)
TS	=	Modalità di calcolo sicurezza
		N/e = N costante ed eccentricità costante
		My/e = My costante ed eccentricità costante
		My/N = My e N costante
		Mz/e = Mz costante ed eccentricità costante
		Mz/N = Mz e N costante
Sic.	=	Sicurezza a rottura
AfT	=	Area di ferro tesa
AfC	=	Area di ferro compressa
σ_c	=	Tensione nel calcestruzzo
σ_f	=	Tensione nel ferro
Ty	=	Taglio in dir. Y
Tz	=	Taglio in dir. Z
bw	=	Larghezza membratura resistente al taglio
Vsdu	=	Taglio agente nella direzione del momento ultimo
VRcd	=	Taglio ultimo lato calcestruzzo
VRsd	=	Taglio ultimo lato armatura
Tipo	=	Tipo di verifica effettuata
c	=	Ricoprimento dell'armatura
s	=	Distanza minima tra le barre
K3	=	Coefficiente di forma del diagramma delle tensioni prima della fessurazione
S_{rm}	=	Distanza media tra le fessure
Φ	=	Diametro della barra
A_s	=	Area complessiva dei ferri nell'area di calcestruzzo efficace
$A_{c\ eff}$	=	Area di calcestruzzo efficace
σ_s	=	Tensione nell'acciaio nella sezione fessurata
σ_{sr}	=	Tensione nell'acciaio corrispondente al raggiungimento della resistenza a trazione nel calcestruzzo
ϵ_{sm}	=	Deformazione unitaria media dell'armatura (*1000)
Wk	=	Apertura delle fessure
Asta	=	Numero dell'asta
N1	=	Nodo iniziale
N2	=	Nodo finale
CC	=	Numero della combinazione delle condizioni di carico elementari
TCC	=	Tipo di combinazione di carico
		SLU = Stato limite ultimo
		SLU S = Stato limite ultimo (azione sismica)
		SLE R = Stato limite d'esercizio, combinazione rara
		SLE F = Stato limite d'esercizio, combinazione frequente
		SLE Q = Stato limite d'esercizio, combinazione quasi permanente
		SLD = Stato limite di danno
		SLV = Stato limite di salvaguardia della vita
		SLC = Stato limite di prevenzione del collasso
		SLO = Stato limite di operatività
X	=	Coordinata progressiva rispetto al nodo iniziale

Elementi bidimensionali (nome del file: PILA)

Sezione degli elementi bidimensionali n. 4 7 10 11
in corrispondenza dei nodi -160 -159 -138 -139 -155 -144 -161 -137 -148 -152 -156 -151 -147 -143

Verifiche stato limite ultimo per tensioni normali

Caso	N <kN>	My <kNm>	Mz <kNm>	Nu <kN>	Myu <kNm>	Mzu <kNm>	Rott.	α <grad>	ϵ_c	TS	Sic.
1	-2564.63	282.37	0.00	-2564.70	65489.90	-0.00	1-2	180.00	-3.15	N/e	231.830
2	-2564.63	-278.12	0.00	-2564.70	-65489.80	-0.00	1-2	0.00	-3.15	N/e	235.580
3	-2945.92	282.37	0.00	-2945.97	66826.30	-0.00	1-2	180.00	-3.27	N/e	236.545
4	-2945.92	-278.12	0.00	-2945.97	-66826.20	-0.00	1-2	0.00	-3.27	N/e	240.403
5	-2564.63	0.00	716.75	-2564.70	3.58	11742.50	1-2	90.00	-1.73	N/e	16.384
6	-2564.63	0.00	-716.74	-2564.70	0.00	-11743.10	1-2	270.00	-1.73	N/e	16.384

Relazione di Calcolo - Ponte Torrente Gogna

7	-2945.92	0.00	716.75	-2945.93	3.59	12013.70	1-2	90.00	-1.77	N/e	16.762
8	-2945.92	0.00	-716.74	-2945.93	3.59	-12013.70	1-2	270.00	-1.77	N/e	16.762
9	-2687.76	265.90	0.00	-2687.83	65922.70	-0.00	1-2	180.00	-3.19	N/e	247.802
10	-2687.76	-261.65	0.00	-2687.83	-65922.70	0.00	1-2	0.00	-3.19	N/e	252.074
11	-2822.79	265.90	0.00	-2822.85	66395.90	-0.00	1-2	180.00	-3.23	N/e	249.575
12	-2822.79	-261.65	0.00	-2822.85	-66395.90	-0.00	1-2	0.00	-3.23	N/e	253.890
13	-2687.76	0.00	716.75	-2687.78	3.59	11830.10	1-2	90.00	-1.75	N/e	16.506
14	-2687.76	0.00	-716.74	-2687.78	3.59	-11830.10	1-2	270.00	-1.75	N/e	16.506
15	-2822.79	0.00	716.75	-2822.79	3.59	11926.20	1-2	90.00	-1.76	N/e	16.640
16	-2822.79	0.00	-716.74	-2822.79	3.59	-11926.20	1-2	270.00	-1.76	N/e	16.640
17	-2573.59	-255.11	0.00	-2573.66	-65521.40	-0.00	1-2	0.00	-3.15	N/e	256.957
18	-2573.59	259.37	0.00	-2573.66	65521.40	-0.00	1-2	180.00	-3.15	N/e	252.503
19	-2936.96	-255.11	0.00	-2937.02	-66795.00	0.00	1-2	0.00	-3.26	N/e	261.969
20	-2936.96	259.37	0.00	-2937.02	66795.00	0.00	1-2	180.00	-3.26	N/e	257.394
21	-2573.59	0.00	716.75	-2573.65	3.59	11748.90	1-2	90.00	-1.74	N/e	16.392
22	-2573.59	0.00	-716.74	-2573.65	0.00	-11749.50	1-2	270.00	-1.73	N/e	16.393
23	-2936.96	0.00	716.75	-2936.97	3.59	12007.30	1-2	90.00	-1.77	N/e	16.753
24	-2936.96	0.00	-716.74	-2936.97	3.59	-12007.30	1-2	270.00	-1.77	N/e	16.753
25	-2696.72	-271.58	0.00	-2696.78	-65954.10	-0.00	1-2	0.00	-3.19	N/e	242.968
26	-2696.72	275.83	0.00	-2696.79	65954.10	-0.00	1-2	180.00	-3.19	N/e	238.998
27	-2813.83	-271.58	0.00	-2813.89	-66364.60	0.00	1-2	0.00	-3.23	N/e	244.485
28	-2813.83	275.83	0.00	-2813.89	66364.60	-0.00	1-2	180.00	-3.23	N/e	240.480
29	-2696.72	0.00	716.75	-2696.75	3.59	11836.50	1-2	90.00	-1.75	N/e	16.515
30	-2696.72	0.00	-716.74	-2696.76	3.59	-11836.50	1-2	270.00	-1.75	N/e	16.515
31	-2813.83	0.00	716.75	-2813.85	3.59	11919.80	1-2	90.00	-1.76	N/e	16.631
32	-2813.83	0.00	-716.74	-2813.83	3.59	-11919.80	1-2	270.00	-1.76	N/e	16.631
33	-2641.41	907.14	0.00	-2641.47	65759.80	0.00	1-2	180.00	-3.18	N/e	72.481
34	-2641.41	-902.89	0.00	-2641.47	-65759.80	0.00	1-2	0.00	-3.18	N/e	72.843
35	-2869.15	907.14	0.00	-2869.20	66558.10	-0.00	1-2	180.00	-3.24	N/e	73.360
36	-2869.15	-902.89	0.00	-2869.20	-66558.00	-0.00	1-2	0.00	-3.24	N/e	73.728
37	-2641.41	0.00	215.03	-2641.44	7.17	11796.60	1-2	90.00	-1.74	N/e	54.861
38	-2641.41	0.00	-215.02	-2641.44	7.17	-11796.60	1-2	270.00	-1.74	N/e	54.864
39	-2869.15	0.00	215.03	-2869.15	7.18	11958.60	1-2	90.00	-1.76	N/e	55.614
40	-2869.15	0.00	-215.02	-2869.16	7.18	-11958.60	1-2	270.00	-1.76	N/e	55.617
41	-2764.54	890.68	0.00	-2764.60	66191.90	-0.00	1-2	180.00	-3.21	N/e	74.306
42	-2764.54	-886.42	0.00	-2764.60	-66191.90	-0.00	1-2	0.00	-3.21	N/e	74.684
43	-2746.02	890.68	0.00	-2746.08	66127.00	-0.00	1-2	180.00	-3.21	N/e	74.233
44	-2746.02	-886.42	0.00	-2746.08	-66127.00	-0.00	1-2	0.00	-3.21	N/e	74.611
45	-2764.54	0.00	215.03	-2764.57	7.17	11884.20	1-2	90.00	-1.75	N/e	55.268
46	-2764.54	0.00	-215.02	-2764.55	7.17	-11884.20	1-2	270.00	-1.75	N/e	55.271
47	-2746.02	0.00	215.03	-2746.02	7.17	11871.00	1-2	90.00	-1.75	N/e	55.207
48	-2746.02	0.00	-215.02	-2746.03	7.17	-11871.00	1-2	270.00	-1.75	N/e	55.210
49	-2716.17	905.18	0.00	-2716.23	66022.30	-0.00	1-2	180.00	-3.20	N/e	72.928
50	-2716.17	-900.93	0.00	-2716.23	-66022.30	0.00	1-2	0.00	-3.20	N/e	73.293
51	-2794.39	905.18	0.00	-2794.44	66296.50	-0.00	1-2	180.00	-3.22	N/e	73.230
52	-2794.39	-900.93	0.00	-2794.45	-66296.50	-0.00	1-2	0.00	-3.22	N/e	73.597
53	-2716.17	0.00	-215.02	-2716.17	7.17	-11849.80	1-2	270.00	-1.75	N/e	55.111
54	-2716.17	0.00	215.03	-2716.17	7.17	11849.80	1-2	90.00	-1.75	N/e	55.108
55	-2794.39	0.00	-215.02	-2794.39	7.18	-11905.40	1-2	270.00	-1.76	N/e	55.370
56	-2794.39	0.00	215.03	-2794.39	7.17	11905.40	1-2	90.00	-1.76	N/e	55.367
57	-2839.30	888.72	0.00	-2839.35	66453.70	0.00	1-2	180.00	-3.24	N/e	74.764
58	-2839.30	-884.46	0.00	-2839.35	-66453.70	0.00	1-2	0.00	-3.24	N/e	75.146
59	-2671.26	888.72	0.00	-2671.32	65864.70	0.00	1-2	180.00	-3.18	N/e	74.102
60	-2671.26	-884.46	0.00	-2671.32	-65864.70	0.00	1-2	0.00	-3.18	N/e	74.479
61	-2839.30	0.00	-215.02	-2839.30	7.18	-11937.30	1-2	270.00	-1.76	N/e	55.518
62	-2839.30	0.00	215.03	-2839.29	7.18	11937.30	1-2	90.00	-1.76	N/e	55.515
63	-2671.26	0.00	-215.02	-2671.27	7.17	-11817.80	1-2	270.00	-1.74	N/e	54.962
64	-2671.26	0.00	215.03	-2671.28	7.17	11817.80	1-2	90.00	-1.74	N/e	54.960
65	-2508.20	299.29	0.00	-2508.27	65291.10	0.00	1-2	180.00	-3.14	N/e	218.064
66	-2508.20	-295.04	0.00	-2508.27	-65291.10	-0.00	1-2	0.00	-3.14	N/e	221.384
67	-3002.35	299.29	0.00	-3002.40	67023.10	0.00	1-2	180.00	-3.28	N/e	223.831
68	-3002.35	-295.04	0.00	-3002.39	-67023.00	-0.00	1-2	0.00	-3.28	N/e	227.275
69	-2508.20	0.00	215.03	-2508.28	7.17	11701.80	1-2	90.00	-1.73	N/e	54.420
70	-2508.20	0.00	-215.02	-2508.29	7.17	-11701.80	1-2	270.00	-1.73	N/e	54.423
71	-3002.35	0.00	215.03	-3002.36	7.18	12053.30	1-2	90.00	-1.77	N/e	56.054
72	-3002.35	0.00	-215.02	-3002.36	7.18	-12053.30	1-2	270.00	-1.77	N/e	56.057
73	-2517.16	-238.19	0.00	-2517.23	-65322.60	0.00	1-2	0.00	-3.14	N/e	274.387
74	-2517.16	242.44	0.00	-2517.22	65322.60	0.00	1-2	180.00	-3.14	N/e	269.305
75	-2993.40	-238.19	0.00	-2993.44	-66991.80	0.00	1-2	0.00	-3.28	N/e	281.425
76	-2993.40	242.44	0.00	-2993.45	66991.80	0.00	1-2	180.00	-3.28	N/e	276.161
77	-2517.16	0.00	215.03	-2517.25	7.17	11708.20	1-2	90.00	-1.73	N/e	54.450
78	-2517.16	0.00	-215.02	-2517.24	7.17	-11708.20	1-2	270.00	-1.73	N/e	54.453
79	-2993.40	0.00	215.03	-2993.40	7.18	12046.90	1-2	90.00	-1.77	N/e	56.024
80	-2993.40	0.00	-215.02	-2993.39	7.18	-12046.90	1-2	270.00	-1.77	N/e	56.027
81	-2582.96	297.33	0.00	-2583.03	65554.30	-0.00	1-2	180.00	-3.16	N/e	220.384
82	-2582.96	-293.08	0.00	-2583.03	-65554.30	-0.00	1-2	0.00	-3.16	N/e	223.768
83	-2927.59	297.33	0.00	-2927.64	66762.30	-0.00	1-2	180.00	-3.26	N/e	224.432
84	-2927.59	-293.08	0.00	-2927.65	-66762.30	0.00	1-2	0.00	-3.26	N/e	227.903
85	-2582.96	0.00	-215.02	-2583.02	7.17	-11755.00	1-2	270.00	-1.74	N/e	54.671

Relazione di Calcolo – Ponte Torrente Gogna

86	-2582.96	0.00	215.03	-2583.01	7.17	11755.00	1-2	90.00	-1.74	N/e	54.668
87	-2927.59	0.00	-215.02	-2927.60	7.18	-12000.10	1-2	270.00	-1.77	N/e	55.810
88	-2927.59	0.00	215.03	-2927.60	7.18	12000.10	1-2	90.00	-1.77	N/e	55.807
89	-2591.92	-240.15	0.00	-2591.99	-65585.90	0.00	1-2	0.00	-3.16	N/e	273.246
90	-2591.92	244.40	0.00	-2591.99	65585.90	-0.00	1-2	180.00	-3.16	N/e	268.218
91	-2918.64	-240.15	0.00	-2918.69	-66731.00	-0.00	1-2	0.00	-3.26	N/e	278.035
92	-2918.64	244.40	0.00	-2918.69	66731.00	-0.00	1-2	180.00	-3.26	N/e	272.884
93	-2591.92	0.00	-215.02	-2591.97	7.17	-11761.40	1-2	270.00	-1.74	N/e	54.701
94	-2591.92	0.00	215.03	-2591.98	7.17	11761.40	1-2	90.00	-1.74	N/e	54.698
95	-2918.64	0.00	-215.02	-2918.64	7.18	-11993.70	1-2	270.00	-1.77	N/e	55.781
96	-2918.64	0.00	215.03	-2918.63	7.18	11993.70	1-2	90.00	-1.77	N/e	55.778
97	-4440.10	-856.80	0.00	-4440.10	-71846.80	0.00	2-3	0.00	-3.50	N/e	83.876
98	-4440.10	0.00	0.01	-4440.10	70452.20	2839.14	2-3	147.32	-3.50	N/e	*****
99	-3645.40	-857.63	0.00	-3645.43	-69244.20	-0.00	1-2	0.00	-3.48	N/e	80.755
100	-3645.40	0.00	0.01	-3645.40	67945.50	2744.68	2-3	148.26	-3.50	N/e	*****
101	-5473.83	-1916.20	0.00	-5473.83	-75134.90	-0.00	2-3	0.00	-3.50	N/e	39.216
102	-5473.83	0.00	0.01	-5473.83	73597.00	2967.33	2-3	146.11	-3.50	N/e	*****
103	-4679.12	-1917.03	0.00	-4679.12	-72616.10	0.00	2-3	0.00	-3.50	N/e	37.884
104	-4679.12	0.00	0.01	-4679.12	71185.60	2873.53	2-3	146.99	-3.50	N/e	*****
105	-5903.76	-3164.08	0.00	-5903.76	-76461.00	0.00	2-3	0.00	-3.50	N/e	24.167
106	-5903.76	0.00	0.01	-5903.76	74859.60	3028.71	2-3	145.55	-3.50	N/e	*****
107	-5109.06	-3164.91	0.00	-5109.06	-73991.40	0.00	2-3	0.00	-3.50	N/e	23.380
108	-5109.06	0.00	0.01	-5109.06	72486.00	2941.48	2-3	146.37	-3.50	N/e	*****
109	-4928.69	-1407.88	0.00	-4928.69	-73415.80	-0.00	2-3	0.00	-3.50	N/e	52.155
110	-4928.69	0.00	0.01	-4928.69	71952.60	2902.47	2-3	146.72	-3.50	N/e	*****
111	-4133.99	-1408.71	0.00	-4133.99	-70856.90	-0.00	2-3	0.00	-3.50	N/e	50.306
112	-4133.99	0.00	0.01	-4133.99	69487.60	2810.59	2-3	147.62	-3.50	N/e	*****
113	-6064.69	-2888.78	0.00	-6064.69	-76954.70	-0.00	2-3	0.00	-3.50	N/e	26.642
114	-6064.69	0.00	0.01	-6064.69	75353.40	3022.74	2-3	145.59	-3.50	N/e	*****
115	-5269.99	-2889.61	0.00	-5269.99	-74502.80	0.00	2-3	0.00	-3.50	N/e	25.785
116	-5269.99	0.00	0.01	-5269.99	72996.50	2931.55	2-3	146.44	-3.50	N/e	*****

Verifiche stato limite ultimo per sollecitazioni taglianti

Caso	Ty <kN>	Tz <kN>	bw <m>	Vsdu <kN>	VRcd <kN>	VRsd <kN>
1	0.00	62.66	1.60	62.66	47661.30	4276.85
2	0.00	-62.66	1.60	62.66	47661.30	4276.85
3	0.00	62.66	1.60	62.66	47905.20	4276.85
4	0.00	-62.66	1.60	62.66	47905.20	4276.85
5	-285.25	0.00	9.10	285.25	46677.80	736.46
6	285.24	0.00	9.10	285.24	46675.00	736.41
7	-285.25	0.00	9.10	285.25	46916.60	736.46
8	285.24	0.00	9.10	285.24	46916.60	736.46
9	0.00	58.75	1.60	58.75	47740.10	4276.85
10	0.00	-58.75	1.60	58.75	47740.10	4276.85
11	0.00	58.75	1.60	58.75	47826.40	4276.85
12	0.00	-58.75	1.60	58.75	47826.40	4276.85
13	-285.24	0.00	9.10	285.24	46754.90	736.46
14	285.24	0.00	9.10	285.24	46754.90	736.46
15	-285.24	0.00	9.10	285.24	46839.50	736.46
16	285.24	0.00	9.10	285.24	46839.50	736.46
17	0.00	-8.69	1.60	8.69	47667.10	4276.85
18	0.00	8.69	1.60	8.69	47667.10	4276.85
19	0.00	-8.69	1.60	8.69	47899.50	4276.85
20	0.00	8.69	1.60	8.69	47899.50	4276.85
21	-285.03	0.00	9.10	285.03	46683.40	736.46
22	285.03	0.00	9.10	285.03	46680.60	736.41
23	-285.03	0.00	9.10	285.03	46911.00	736.46
24	285.03	0.00	9.10	285.03	46911.00	736.46
25	0.00	-12.60	1.60	12.60	47745.80	4276.85
26	0.00	12.61	1.60	12.61	47745.80	4276.85
27	0.00	-12.60	1.60	12.60	47820.70	4276.85
28	0.00	12.61	1.60	12.61	47820.70	4276.85
29	-285.03	0.00	9.10	285.03	46760.50	736.46
30	285.02	0.00	9.10	285.02	46760.50	736.46
31	-285.03	0.00	9.10	285.03	46833.90	736.46
32	285.02	0.00	9.10	285.02	46833.90	736.46
33	0.00	128.39	1.60	128.39	47710.40	4276.85
34	0.00	-128.39	1.60	128.39	47710.40	4276.85
35	0.00	128.39	1.60	128.39	47856.10	4276.85
36	0.00	-128.39	1.60	128.39	47856.10	4276.85
37	-85.90	0.00	9.10	85.90	46728.70	736.50
38	85.90	0.00	9.10	85.90	46728.70	736.50
39	-85.90	0.00	9.10	85.90	46871.30	736.50
40	85.90	0.00	9.10	85.90	46871.30	736.50
41	0.00	124.47	1.60	124.47	47789.20	4276.85
42	0.00	-124.47	1.60	124.47	47789.20	4276.85
43	0.00	124.47	1.60	124.47	47777.30	4276.85
44	0.00	-124.47	1.60	124.47	47777.30	4276.85

Relazione di Calcolo – Ponte Torrente Gogna

45	-85.89	0.00	9.10	85.89	46805.80	736.50
46	85.89	0.00	9.10	85.89	46805.80	736.50
47	-85.89	0.00	9.10	85.89	46794.20	736.50
48	85.89	0.00	9.10	85.89	46794.20	736.50
49	0.00	113.37	1.60	113.37	47758.30	4276.85
50	0.00	-113.37	1.60	113.37	47758.30	4276.85
51	0.00	113.37	1.60	113.37	47808.30	4276.85
52	0.00	-113.37	1.60	113.37	47808.30	4276.85
53	85.18	0.00	9.10	85.18	46775.50	736.50
54	-85.18	0.00	9.10	85.18	46775.50	736.50
55	85.18	0.00	9.10	85.18	46824.50	736.50
56	-85.18	0.00	9.10	85.18	46824.50	736.50
57	0.00	109.46	1.60	109.46	47837.00	4276.85
58	0.00	-109.46	1.60	109.46	47837.00	4276.85
59	0.00	109.46	1.60	109.46	47729.50	4276.85
60	0.00	-109.46	1.60	109.46	47729.50	4276.85
61	85.19	0.00	9.10	85.19	46852.60	736.50
62	-85.19	0.00	9.10	85.19	46852.60	736.50
63	85.19	0.00	9.10	85.19	46747.30	736.50
64	-85.19	0.00	9.10	85.19	46747.30	736.50
65	0.00	49.71	1.60	49.71	47625.30	4276.85
66	0.00	-49.71	1.60	49.71	47625.30	4276.85
67	0.00	49.71	1.60	49.71	47941.30	4276.85
68	0.00	-49.71	1.60	49.71	47941.30	4276.85
69	-85.66	0.00	9.10	85.66	46645.20	736.50
70	85.66	0.00	9.10	85.66	46645.20	736.50
71	-85.66	0.00	9.10	85.66	46954.70	736.50
72	85.66	0.00	9.10	85.66	46954.70	736.50
73	0.00	-21.64	1.60	21.64	47631.00	4276.85
74	0.00	21.65	1.60	21.65	47631.00	4276.85
75	0.00	-21.64	1.60	21.64	47935.60	4276.85
76	0.00	21.65	1.60	21.65	47935.60	4276.85
77	-85.45	0.00	9.10	85.45	46650.80	736.50
78	85.44	0.00	9.10	85.44	46650.80	736.50
79	-85.45	0.00	9.10	85.45	46949.10	736.50
80	85.44	0.00	9.10	85.44	46949.10	736.50
81	0.00	34.69	1.60	34.69	47673.10	4276.85
82	0.00	-34.69	1.60	34.69	47673.10	4276.85
83	0.00	34.69	1.60	34.69	47893.50	4276.85
84	0.00	-34.69	1.60	34.69	47893.50	4276.85
85	85.42	0.00	9.10	85.42	46692.00	736.50
86	-85.42	0.00	9.10	85.42	46692.00	736.50
87	85.42	0.00	9.10	85.42	46907.90	736.50
88	-85.42	0.00	9.10	85.42	46907.90	736.50
89	0.00	-36.66	1.60	36.66	47678.80	4276.85
90	0.00	36.66	1.60	36.66	47678.80	4276.85
91	0.00	-36.66	1.60	36.66	47887.70	4276.85
92	0.00	36.66	1.60	36.66	47887.70	4276.85
93	85.63	0.00	9.10	85.63	46697.70	736.50
94	-85.64	0.00	9.10	85.64	46697.70	736.50
95	85.63	0.00	9.10	85.63	46902.30	736.50
96	-85.64	0.00	9.10	85.64	46902.30	736.50
97	0.00	-0.39	1.60	0.39	48860.80	4276.85
98	0.33	0.00	0.09	0.18	2573.73	2757.06
99	0.00	-0.40	1.60	0.40	48352.50	4276.85
100	0.33	0.00	0.10	0.17	2744.75	2765.51
101	0.00	-0.88	1.60	0.88	49521.90	4276.85
102	0.73	0.00	0.09	0.41	2706.67	2743.77
103	0.00	-0.88	1.60	0.88	49013.60	4276.85
104	0.73	0.00	0.09	0.40	2511.46	2753.69
105	0.00	-1.82	1.60	1.82	49796.80	4276.85
106	1.87	0.00	0.09	1.06	2538.55	2736.63
107	0.00	-1.82	1.60	1.82	49288.60	4276.85
108	1.87	0.00	0.09	1.04	2493.45	2746.78
109	0.00	-0.75	1.60	0.75	49173.20	4276.85
110	0.72	0.00	0.09	0.40	2668.79	2750.75
111	0.00	-0.75	1.60	0.75	48665.00	4276.85
112	0.72	0.00	0.09	0.39	2463.09	2759.88
113	0.00	-1.65	1.60	1.65	49899.70	4276.85
114	1.69	0.00	0.08	0.96	2398.68	2737.14
115	0.00	-1.65	1.60	1.65	49391.50	4276.85
116	1.69	0.00	0.09	0.94	2506.05	2747.68

Verifiche stato limite d'esercizio

Caso	N <kN>	Mz <kNm>	My <kNm>	AfT <cmq>	AfC <cmq>	σ_c <kN/mq>	σ_f <kN/mq>
117	-3230.10	0.00	-634.73	0.00	337.78	638.05	9562.52
118	-3230.10	0.01	0.00	0.00	337.78	576.12	8641.77
119	-3995.82	0.00	-1419.47	0.00	337.78	851.19	12749.50

Relazione di Calcolo - Ponte Torrente Gogna

120	-3995.82	0.01	0.00	0.00	337.78	712.69	10690.40
121	-4314.29	0.00	-2343.82	0.00	337.78	998.18	14942.50
122	-4314.29	0.01	0.00	0.00	337.78	769.49	11542.40
123	-3592.02	0.00	-1042.94	0.00	337.78	742.43	11123.00
124	-3592.02	0.01	0.00	0.00	337.78	640.67	9610.05
125	-4433.50	0.00	-2139.90	0.00	337.78	999.54	14965.60
126	-4433.50	0.01	0.00	0.00	337.78	790.76	11861.30
127	-2755.28	0.00	2.13	0.00	337.78	491.63	
128	-2755.28	0.01	0.00	0.00	337.78	491.43	
129	-2755.28	0.00	2.13	0.00	337.78	491.63	
130	-2755.28	0.01	0.00	0.00	337.78	491.43	
131	-2755.28	0.00	2.13	0.00	337.78	491.63	
132	-2755.28	0.01	0.00	0.00	337.78	491.43	
133	-2755.28	0.00	2.13	0.00	337.78	491.63	
134	-2755.28	0.01	0.00	0.00	337.78	491.43	
135	-2755.28	0.00	2.13	0.00	337.78	491.63	
136	-2755.28	0.01	0.00	0.00	337.78	491.43	

Verifiche principali

Caso	Tipo
5	SLU N cost - min sic.
6	SLU Taglio - min sic. c.a., SLU Taglio - min sic. acciaio
117	C.Rare - Sc max (min compr.), C.Rare - Sf max (max traz.)
125	C.Rare - Sc min (max compr.), C.Rare - Sf min (max compr.)
127	C.Q.Per. - Sc max (min compr.), C.Q.Per. - Sc min (max compr.), C.Q.Per. - Sf max (max traz.), C.Q.Per. - Sf min (max compr.)

Sezione 6 - Soll. aut. Aste 2 (2 26) 22 (22 48) 21 (21 47) 1 (1 25) (nome del file: RIT_T)

Sezione: Rettangolare - Dati geometrici della sezione

Base <m>	=	0.50
Altezza <m>	=	1.25

Verifiche stato limite ultimo per tensioni normali - Asta n. 1 (1 25)

Caso	N <kN>	My <kNm>	Mz <kNm>	Nu <kN>	Myu <kNm>	Mzu <kNm>	Sic.
37	-11.28	0.00	-916.18	-11.28	0.00	-998.24	1.090

Verifiche stato limite ultimo per sollecitazioni taglianti - Asta n. 1 (1 25)

Caso	Ty <kN>	Tz <kN>	Vsdu <kN>	VRcd <kN>	VRsd <kN>
37	1077.86	0.00	1077.86	1768.21	984.68

Verifiche stato limite d'esercizio - Asta n. 21 (21 47)

Caso	N <kN>	Mz <kNm>	My <kNm>	AfT <cmq>	AfC <cmq>	σ_c <kN/mq>	σ_f <kN/mq>
931	-13.28	6.13	0.00	69.02	58.40	112.93	1673.30
979	-0.00	0.00	0.00	0.00	127.42	0.00	0.00
1009	-13.28	-0.06	0.00	0.00	127.42	16.97	
1019	-0.00	-0.00	0.00	69.02	58.40	0.00	
1059	-0.00	0.00	0.00	0.00	127.42	0.00	

Verifiche stato limite di formazione delle fessure - Asta n. 2 (2 26)

Caso	N <kN>	My <kNm>	Mz <kNm>	c <mm>	s <mm>	K3	S _{rm} <mm>	Φ	A _s <cmq>	A _{c eff} <cmq>	σ_s <kN/mq>	σ_{sr} <kN/mq>	ϵ_{sm}	w _k <mm>
1019	-0.00	0.00	-0.00	42.00	115.94	0.13	176.76	26.00	69.02	3693.66	0.01	90511.00	0.00	0.00
1111	-13.28	0.00	-4.60	42.00	115.94	0.13	171.83	26.00	58.40	2904.08	1042.72	75978.90	0.00	0.00

Verifiche effettuate - Asta n. 2 (2 26)

Caso	Asta	N1	N2	CC	TCC	X <m>	Tipo
37	1	1	25	5	SLV	0.00	SLU N cost - min sic., SLU Taglio - min sic. c.a., SLU Taglio - min sic. acciaio
931	1	1	25	20	SLE R	0.00	C.Rare - Sc min (max compr.), C.Rare - Sf max (max traz.), C.Rare - Sf min (max compr.)
979	21	21	47	15	SLE R	0.85	C.Rare - Sc max (min compr.)
1009	1	1	25	17	SLE Q	0.00	C.Q.Per. - Sc min (max compr.), C.Q.Per. - Sf min (max compr.)
1019	1	1	25	17	SLE Q	0.85	C.Q.Per. - Sf max (max traz.), C.Q.Per. - Wk Max
1059	21	21	47	17	SLE Q	0.85	C.Q.Per. - Sc max (min compr.)
1111	2	2	26	21	SLE F	0.00	C.Freq - Wk Max

Sezione 2 - Soll. aut. Aste 203 (16 17) 203 (7 8) 203 (17 21) 203 (12 16) 203 (23 12) 203 (8 23) 203 (3 7) 203 (1 3) (nome del file: S_est)

Sezione: Rettangolare - Dati geometrici della sezione

Base <m>	=	1.25
Altezza <m>	=	0.70

Verifiche stato limite ultimo per tensioni normali - Asta n. 203 (23 12)

Caso	N <kN>	My <kNm>	Mz <kNm>	Nu <kN>	Myu <kNm>	Mzu <kNm>	Sic.
247	0.00	1081.49	0.00	0.25	1656.88	0.00	1.532
1351	0.00	578.37	0.00	0.25	1656.88	0.00	2.865

Verifiche stato limite ultimo per sollecitazioni taglianti - Asta n. 203 (23 12)

Caso	Ty <kN>	Tz <kN>	Vsdu <kN>	VRcd <kN>	VRsd <kN>
247	0.00	-138.62	138.62	2639.01	961.38
1351	0.00	802.57	802.57	2639.01	961.38

Verifiche stato limite d'esercizio - Asta n. 203 (17 21)

Caso	My <kNm>	AfT <cmq>	AfC <cmq>	σ_c <kN/mq>	σ_f <kN/mq>
2950	418.13	76.91	58.81	3658.82	117266.00
3155	0.00	76.91	58.81	0.00	0.01
3355	289.21	76.91	58.81	2530.75	
3560	0.00	76.91	58.81	0.00	

Verifiche stato limite di formazione delle fessure - Asta n. 203 (23 12)

Caso	N <kN>	My <kNm>	Mz <kNm>	c <mm>	s <mm>	K3	S _{rm} <mm>	Φ	A _s <cmq>	A _{c eff} <cmq>	σ_s <kN/mq>	σ_{sr} <kN/mq>	ϵ_{sm}	Wk <mm>
3560	0.00	0.00	0.00	23.00	139.89	0.13	136.40	24.00	76.91	4000.37	0.01	128181.00	0.00	0.00
3355	0.00	289.21	0.00	23.00	139.89	0.13	136.40	24.00	76.91	4000.37	81111.40	128181.00	0.16	0.04
3760	0.00	363.69	0.00	23.00	139.89	0.13	136.40	24.00	76.91	4000.37	101999.00	128181.00	0.20	0.05

Verifiche effettuate - Asta n. 203 (23 12)

Caso	Asta	N1	N2	CC	TCC	X <m>	Tipo
247	203	1	3	5	SLV	2.25	SLU Mz cost - min sic.
1351	203	23	12	13	SLU	0.00	SLU Taglio - min sic. c.a., SLU Taglio - min sic. acciaio
2950	203	23	12	15	SLE R	0.00	C.Rare - Sc min (max compr.), C.Rare - Sf max (max traz.), C.Rare - Sf min (max compr.)
3155	203	17	21	15	SLE R	2.25	C.Rare - Sc max (min compr.)
3355	203	23	12	17	SLE Q	0.00	C.Q.Per. - Sc min (max compr.), C.Q.Per. - Sf max (max traz.), C.Q.Per. - Sf min (max compr.), C.Q.Per. - Wk Max
3560	203	17	21	17	SLE Q	2.25	C.Q.Per. - Sc max (min compr.)
3760	203	23	12	16	SLE F	0.00	C.Freq - Wk Max

Sezione 2 - Soll. aut. Aste 204 (20 22) 204 (15 20) 204 (24 15) 204 (11 24) 204 (6 11) 204 (2 6) (nome del file: S_ovest)**Sezione: Rettangolare - Dati geometrici della sezione**

Base <m>	=	1.25
Altezza <m>	=	0.70

Verifiche stato limite ultimo per tensioni normali - Asta n. 204 (24 15)

Caso	N <kN>	My <kNm>	Mz <kNm>	Nu <kN>	Myu <kNm>	Mzu <kNm>	Sic.
247	0.00	1062.28	0.00	-0.04	1344.14	0.00	1.265
1591	0.00	497.45	0.00	-0.04	1344.14	0.00	2.702

Verifiche stato limite ultimo per sollecitazioni taglianti - Asta n. 204 (24 15)

Caso	Ty <kN>	Tz <kN>	Vsdu <kN>	VRcd <kN>	VRsd <kN>
247	0.00	-133.71	133.71	2639.01	961.38
1591	0.00	450.35	450.35	2639.01	961.38

Verifiche stato limite d'esercizio - Asta n. 204 (20 22)

Caso	My <kNm>	AfT <cmq>	AfC <cmq>	σ_c <kN/mq>	σ_f <kN/mq>
3258	358.19	58.81	49.76	3261.83	114891.00
3467	-0.00	58.81	49.76	0.00	0.02
3702	288.45	58.81	49.76	2626.75	
3912	-0.00	58.81	49.76	0.00	

Verifiche stato limite di formazione delle fessure - Asta n. 204 (24 15)

Caso	N <kN>	My <kNm>	Mz <kNm>	c <mm>	s <mm>	K3	S _{rm} <mm>	Φ	A _s <cmq>	A _{c eff} <cmq>	σ_s	σ_{sr}	ϵ_{sm}	Wk <mm>
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Relazione di Calcolo - Ponte Torrente Gogna

											<kN/mq>	<kN/mq>		
3912	0.00	-0.00	0.00	23.00	139.89	0.13	146.39	24.00	58.81	3548.94	0.02	142190.00	0.00	0.00
3702	0.00	288.45	0.00	23.00	139.89	0.13	146.39	24.00	58.81	3548.94	92522.20	142190.00	0.18	0.04
4148	0.00	318.55	0.00	23.00	139.89	0.13	146.39	24.00	58.81	3548.94	102178.00	142190.00	0.20	0.05

Verifiche effettuate - Asta n. 204 (24 15)

Caso	Asta	N1	N2	CC	TCC	X <m>	Tipo
247	204	2	6	5	SLV	2.25	SLU Mz cost - min sic.
1591	204	24	15	18	SLU	0.00	SLU Taglio - min sic. c.a., SLU Taglio - min sic. acciaio
3258	204	24	15	20	SLE R	0.00	C.Rare - Sc min (max compr.), C.Rare - Sf max (max traz.), C.Rare - Sf min (max compr.)
3467	204	20	22	15	SLE R	2.25	C.Rare - Sc max (min compr.)
3702	204	24	15	17	SLE Q	0.00	C.Q.Per. - Sc min (max compr.), C.Q.Per. - Sf max (max traz.), C.Q.Per. - Sf min (max compr.), C.Q.Per. - wk Max
3912	204	20	22	17	SLE Q	2.25	C.Q.Per. - Sc max (min compr.)
4148	204	24	15	21	SLE F	0.00	C.Freq - wk Max

Elementi bidimensionali (nome del file: SEZ_00)

Sezione degli elementi bidimensionali n. 1
in corrispondenza dei nodi -290 27 -481 34 -521 -752 -712 43 42 -597 38 33 29 -405

Verifiche stato limite ultimo per tensioni normali

Caso	N <kN>	My <kNm>	Mz <kNm>	Nu <kN>	Myu <kNm>	Mzu <kNm>	Rott.	α <grad>	ε _c	TS	Sic.
1	1568.60	788.40	0.00	1568.61	3446.08	0.00	2-3	180.00	-3.50	N/e	4.371
2	1568.60	-753.13	0.00	1568.61	-3446.08	0.00	2-3	0.00	-3.50	N/e	4.576
3	-1568.60	788.40	0.00	-1568.60	3938.11	0.00	2-3	180.00	-3.50	N/e	4.995
4	-1568.60	-753.13	0.00	-1568.60	-3938.11	0.00	2-3	0.00	-3.50	N/e	5.229
5	1568.60	0.00	130.94	1568.67	0.00	88589.60	2-3	90.00	-3.50	N/e	676.551
6	1568.60	0.00	-134.36	1568.67	0.00	-88589.60	2-3	270.00	-3.50	N/e	659.360
7	-1568.60	0.00	130.94	-1568.60	-0.00	98241.40	2-3	90.00	-3.50	N/e	750.260
8	-1568.60	0.00	-134.36	-1568.60	0.00	-98241.40	2-3	270.00	-3.50	N/e	731.196
9	1554.79	780.45	0.00	1554.79	3448.26	0.00	2-3	180.00	-3.50	N/e	4.418
10	1554.79	-745.19	0.00	1554.79	-3448.26	0.00	2-3	0.00	-3.50	N/e	4.627
11	-1554.79	780.45	0.00	-1554.80	3935.95	0.00	2-3	180.00	-3.50	N/e	5.043
12	-1554.79	-745.19	0.00	-1554.80	-3935.95	0.00	2-3	0.00	-3.50	N/e	5.282
13	1554.79	0.00	128.06	1554.87	0.00	88634.70	2-3	90.00	-3.50	N/e	692.128
14	1554.79	0.00	-131.47	1554.87	-0.00	-88634.70	2-3	270.00	-3.50	N/e	674.156
15	-1554.79	0.00	128.06	-1554.80	0.00	98201.40	2-3	90.00	-3.50	N/e	766.832
16	-1554.79	0.00	-131.47	-1554.80	0.00	-98201.40	2-3	270.00	-3.50	N/e	746.919
17	1494.99	785.65	0.00	1495.00	3457.68	0.00	2-3	180.00	-3.50	N/e	4.401
18	1494.99	-750.38	0.00	1495.00	-3457.68	0.00	2-3	0.00	-3.50	N/e	4.608
19	-1494.99	785.65	0.00	-1495.00	3926.61	0.00	2-3	180.00	-3.50	N/e	4.998
20	-1494.99	-750.38	0.00	-1495.00	-3926.61	0.00	2-3	0.00	-3.50	N/e	5.233
21	1494.99	0.00	86.94	1495.09	-0.00	88829.90	2-3	90.00	-3.50	N/e	*****
22	1494.99	0.00	-90.35	1495.09	-0.00	-88829.90	2-3	270.00	-3.50	N/e	983.185
23	-1494.99	0.00	86.94	-1494.99	-0.00	98027.90	2-3	90.00	-3.50	N/e	*****
24	-1494.99	0.00	-90.35	-1494.99	0.00	-98027.90	2-3	270.00	-3.50	N/e	*****
25	1481.19	777.71	0.00	1481.19	3459.86	0.00	2-3	180.00	-3.50	N/e	4.449
26	1481.19	-742.44	0.00	1481.19	-3459.86	0.00	2-3	0.00	-3.50	N/e	4.660
27	-1481.19	777.71	0.00	-1481.19	3924.45	0.00	2-3	180.00	-3.50	N/e	5.046
28	-1481.19	-742.44	0.00	-1481.19	-3924.45	0.00	2-3	0.00	-3.50	N/e	5.286
29	1481.19	0.00	84.05	1481.28	-0.00	88875.00	2-3	90.00	-3.50	N/e	*****
30	1481.19	0.00	-87.47	1481.28	-0.00	-88875.00	2-3	270.00	-3.50	N/e	*****
31	-1481.19	0.00	84.05	-1481.19	0.00	97987.80	2-3	90.00	-3.50	N/e	*****
32	-1481.19	0.00	-87.47	-1481.19	0.00	-97987.80	2-3	270.00	-3.50	N/e	*****
33	587.05	255.80	0.00	587.06	3600.68	0.00	2-3	180.00	-3.50	N/e	14.076
34	587.05	-220.54	0.00	587.06	-3600.68	0.00	2-3	0.00	-3.50	N/e	16.327
35	-587.05	255.80	0.00	-587.05	3784.72	0.00	2-3	180.00	-3.50	N/e	14.795
36	-587.05	-220.54	0.00	-587.05	-3784.72	0.00	2-3	0.00	-3.50	N/e	17.162
37	587.05	0.00	105.84	587.13	-0.00	91727.90	2-3	90.00	-3.50	N/e	866.650
38	587.05	0.00	-109.26	587.13	-0.00	-91727.90	2-3	270.00	-3.50	N/e	839.569
39	-587.05	0.00	105.84	-587.05	0.00	95334.00	2-3	90.00	-3.50	N/e	900.720
40	-587.05	0.00	-109.26	-587.05	0.00	-95334.00	2-3	270.00	-3.50	N/e	872.575
41	573.24	247.86	0.00	573.26	3602.85	0.00	2-3	180.00	-3.50	N/e	14.536
42	573.24	-212.59	0.00	573.26	-3602.85	0.00	2-3	0.00	-3.50	N/e	16.947
43	-573.24	247.86	0.00	-573.25	3782.57	0.00	2-3	180.00	-3.50	N/e	15.261
44	-573.24	-212.59	0.00	-573.25	-3782.57	0.00	2-3	0.00	-3.50	N/e	17.793
45	573.24	0.00	102.96	573.32	0.00	91771.50	2-3	90.00	-3.50	N/e	891.331
46	573.24	0.00	-106.37	573.32	0.00	-91771.50	2-3	270.00	-3.50	N/e	862.724
47	-573.24	0.00	102.96	-573.24	0.00	95292.40	2-3	90.00	-3.50	N/e	925.527
48	-573.24	0.00	-106.37	-573.24	0.00	-95292.40	2-3	270.00	-3.50	N/e	895.823
49	-327.89	-203.45	0.00	-327.89	-3744.21	0.00	2-3	0.00	-3.50	N/e	18.404
50	-327.89	238.72	0.00	-327.89	3744.21	0.00	2-3	180.00	-3.50	N/e	15.685
51	327.89	-203.45	0.00	327.92	-3641.47	0.00	2-3	0.00	-3.50	N/e	17.899
52	327.89	238.72	0.00	327.92	3641.47	0.00	2-3	180.00	-3.50	N/e	15.254
53	-327.89	0.00	40.32	-327.89	0.00	94551.80	2-3	90.00	-3.50	N/e	*****
54	-327.89	0.00	-43.73	-327.89	0.00	-94551.80	2-3	270.00	-3.50	N/e	*****
55	327.89	0.00	40.32	327.91	0.00	92539.60	2-3	90.00	-3.50	N/e	*****
56	327.89	0.00	-43.73	327.91	0.00	-92539.60	2-3	270.00	-3.50	N/e	*****
57	-341.69	-211.39	0.00	-341.70	-3746.37	0.00	2-3	0.00	-3.50	N/e	17.723

Relazione di Calcolo - Ponte Torrente Gogna

58	-341.69	246.66	0.00	-341.70	3746.37	0.00	2-3	180.00	-3.50	N/e	15.188
59	341.69	-211.39	0.00	341.73	-3639.30	0.00	2-3	0.00	-3.50	N/e	17.216
60	341.69	246.66	0.00	341.73	3639.30	0.00	2-3	180.00	-3.50	N/e	14.754
61	-341.69	0.00	37.44	-341.69	-0.00	94593.60	2-3	90.00	-3.50	N/e	*****
62	-341.69	0.00	-40.85	-341.69	-0.00	-94593.60	2-3	270.00	-3.50	N/e	*****
63	341.69	0.00	37.44	341.71	0.00	92496.40	2-3	90.00	-3.50	N/e	*****
64	341.69	0.00	-40.85	341.71	0.00	-92496.40	2-3	270.00	-3.50	N/e	*****
65	517.28	261.87	0.00	517.30	3611.67	0.00	2-3	180.00	-3.50	N/e	13.792
66	517.28	-226.60	0.00	517.30	-3611.67	0.00	2-3	0.00	-3.50	N/e	15.938
67	-517.28	261.87	0.00	-517.28	3773.82	0.00	2-3	180.00	-3.50	N/e	14.411
68	-517.28	-226.60	0.00	-517.28	-3773.82	0.00	2-3	0.00	-3.50	N/e	16.654
69	517.28	0.00	57.86	517.29	0.00	91947.20	2-3	90.00	-3.50	N/e	*****
70	517.28	0.00	-61.28	517.29	0.00	-91947.20	2-3	270.00	-3.50	N/e	*****
71	-517.28	0.00	57.86	-517.28	0.00	95123.70	2-3	90.00	-3.50	N/e	*****
72	-517.28	0.00	-61.28	-517.28	0.00	-95123.70	2-3	270.00	-3.50	N/e	*****
73	443.68	259.12	0.00	443.70	3623.25	0.00	2-3	180.00	-3.50	N/e	13.983
74	443.68	-223.86	0.00	443.70	-3623.25	0.00	2-3	0.00	-3.50	N/e	16.186
75	-443.68	259.12	0.00	-443.68	3762.31	0.00	2-3	180.00	-3.50	N/e	14.519
76	-443.68	-223.86	0.00	-443.68	-3762.31	0.00	2-3	0.00	-3.50	N/e	16.807
77	443.68	0.00	13.85	443.69	0.00	92177.50	2-3	90.00	-3.50	N/e	*****
78	443.68	0.00	-17.27	443.69	0.00	-92177.50	2-3	270.00	-3.50	N/e	*****
79	-443.68	0.00	13.85	-443.68	0.00	94901.60	2-3	90.00	-3.50	N/e	*****
80	-443.68	0.00	-17.27	-443.68	-0.00	-94901.60	2-3	270.00	-3.50	N/e	*****
81	-397.65	-197.38	0.00	-397.66	-3755.11	0.00	2-3	0.00	-3.50	N/e	19.024
82	-397.65	232.65	0.00	-397.66	3755.11	0.00	2-3	180.00	-3.50	N/e	16.140
83	397.65	-197.38	0.00	397.68	-3630.49	0.00	2-3	0.00	-3.50	N/e	18.393
84	397.65	232.65	0.00	397.68	3630.49	0.00	2-3	180.00	-3.50	N/e	15.605
85	-397.65	0.00	-7.66	-397.66	0.00	-94762.60	2-3	270.00	-3.50	N/e	*****
86	-397.65	0.00	4.25	-397.65	0.00	94762.60	2-3	90.00	-3.50	N/e	*****
87	397.65	0.00	-7.66	397.67	0.00	-92321.50	2-3	270.00	-3.50	N/e	*****
88	397.65	0.00	4.25	397.67	0.00	92321.50	2-3	90.00	-3.50	N/e	*****
89	-471.26	-200.13	0.00	-471.26	-3766.62	0.00	2-3	0.00	-3.50	N/e	18.821
90	-471.26	235.40	0.00	-471.26	3766.62	0.00	2-3	180.00	-3.50	N/e	16.001
91	471.26	-200.13	0.00	471.28	-3618.91	0.00	2-3	0.00	-3.50	N/e	18.083
92	471.26	235.40	0.00	471.28	3618.91	0.00	2-3	180.00	-3.50	N/e	15.374
93	-471.26	0.00	-51.67	-471.26	0.00	-94984.90	2-3	270.00	-3.50	N/e	*****
94	-471.26	0.00	48.26	-471.26	0.00	94984.90	2-3	90.00	-3.50	N/e	*****
95	471.26	0.00	-51.67	471.28	-0.00	-92091.20	2-3	270.00	-3.50	N/e	*****
96	471.26	0.00	48.26	471.27	0.00	92091.20	2-3	90.00	-3.50	N/e	*****
97	-0.23	342.13	0.00	-0.24	3692.97	0.00	2-3	180.00	-3.50	N/e	10.794
98	-0.23	0.00	-80.57	-0.23	0.00	-93559.60	2-3	270.00	-3.50	N/e	*****
99	-0.23	334.81	0.00	-0.23	3692.97	0.00	2-3	180.00	-3.50	N/e	11.030
100	-0.23	0.00	-79.28	-0.23	0.00	-93559.60	2-3	270.00	-3.50	N/e	*****
101	0.78	25.36	0.00	0.79	3692.81	0.00	2-3	180.00	-3.50	N/e	145.636
102	0.78	0.00	261.02	0.83	-0.00	93556.30	2-3	90.00	-3.50	N/e	358.422
103	0.78	18.03	0.00	0.79	3692.81	0.00	2-3	180.00	-3.50	N/e	204.760
104	0.78	0.00	262.31	0.83	0.00	93556.30	2-3	90.00	-3.50	N/e	356.662
105	0.25	28.87	0.00	0.26	3692.89	0.00	2-3	180.00	-3.50	N/e	127.897
106	0.25	0.00	82.26	0.30	0.00	93558.00	2-3	90.00	-3.50	N/e	*****
107	0.25	21.55	0.00	0.26	3692.89	0.00	2-3	180.00	-3.50	N/e	171.345
108	0.25	0.00	83.55	0.31	-0.00	93557.90	2-3	90.00	-3.50	N/e	*****
109	-0.03	26.78	0.00	-0.03	3692.94	0.00	2-3	180.00	-3.50	N/e	137.915
110	-0.03	0.00	-14.67	-0.04	0.00	-93559.00	2-3	270.00	-3.50	N/e	*****
111	-0.03	19.46	0.00	-0.03	3692.94	0.00	2-3	180.00	-3.50	N/e	189.815
112	-0.03	0.00	-13.38	-0.03	-0.00	-93559.00	2-3	270.00	-3.50	N/e	*****
113	0.23	29.76	0.00	0.24	3692.90	0.00	2-3	180.00	-3.50	N/e	124.109
114	0.23	0.00	76.50	0.29	-0.00	93558.00	2-3	90.00	-3.50	N/e	*****
115	0.24	22.43	0.00	0.24	3692.90	0.00	2-3	180.00	-3.50	N/e	164.613
116	0.24	0.00	77.79	0.29	-0.00	93558.00	2-3	90.00	-3.50	N/e	*****

Verifiche stato limite ultimo per sollecitazioni taglienti

Caso	Ty <kN>	Tz <kN>	bw <m>	Vsdu <kN>	VRcd <kN>	VRsd <kN>
1	0.00	-25.29	10.80	25.29	12720.60	924.92
2	0.00	25.03	10.80	25.03	12720.60	924.92
3	0.00	-25.29	10.80	25.29	13025.10	924.92
4	0.00	25.03	10.80	25.03	13025.10	924.92
5	293.84	0.00	0.43	293.84	14663.00	26777.90
6	-293.95	0.00	0.43	293.95	14663.00	26777.90
7	293.84	0.00	0.43	293.84	15014.00	26777.90
8	-293.95	0.00	0.43	293.95	15014.00	26777.90
9	0.00	-23.10	10.80	23.10	12720.60	924.92
10	0.00	22.84	10.80	22.84	12720.60	924.92
11	0.00	-23.10	10.80	23.10	13022.40	924.92
12	0.00	22.84	10.80	22.84	13022.40	924.92
13	288.56	0.00	0.43	288.56	14663.00	26777.90
14	-288.67	0.00	0.43	288.67	14663.00	26777.90
15	288.56	0.00	0.43	288.56	15010.90	26777.90
16	-288.67	0.00	0.43	288.67	15010.90	26777.90

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17	0.00	-4.21	10.80	4.21	12720.60	924.92
18	0.00	3.95	10.80	3.95	12720.60	924.92
19	0.00	-4.21	10.80	4.21	13010.80	924.92
20	0.00	3.95	10.80	3.95	13010.80	924.92
21	-261.84	0.00	0.43	261.84	14663.00	26777.90
22	261.73	0.00	0.43	261.73	14663.00	26777.90
23	-261.84	0.00	0.43	261.84	14997.50	26777.90
24	261.73	0.00	0.43	261.73	14997.50	26777.90
25	0.00	-2.03	10.80	2.03	12720.60	924.92
26	0.00	1.77	10.80	1.77	12720.60	924.92
27	0.00	-2.03	10.80	2.03	13008.10	924.92
28	0.00	1.77	10.80	1.77	13008.10	924.92
29	-267.12	0.00	0.43	267.12	14663.00	26777.90
30	267.01	0.00	0.43	267.01	14663.00	26777.90
31	-267.12	0.00	0.43	267.12	14994.40	26777.90
32	267.01	0.00	0.43	267.01	14994.40	26777.90
33	0.00	-40.41	10.80	40.41	12720.60	924.92
34	0.00	40.15	10.80	40.15	12720.60	924.92
35	0.00	-40.41	10.80	40.41	12834.60	924.92
36	0.00	40.15	10.80	40.15	12834.60	924.92
37	932.74	0.00	0.43	932.74	14663.00	26777.90
38	-932.85	0.00	0.43	932.85	14663.00	26777.90
39	932.74	0.00	0.43	932.74	14794.40	26777.90
40	-932.85	0.00	0.43	932.85	14794.40	26777.90
41	0.00	-38.22	10.80	38.22	12720.60	924.92
42	0.00	37.96	10.80	37.96	12720.60	924.92
43	0.00	-38.22	10.80	38.22	12831.90	924.92
44	0.00	37.96	10.80	37.96	12831.90	924.92
45	927.46	0.00	0.43	927.46	14663.00	26777.90
46	-927.57	0.00	0.43	927.57	14663.00	26777.90
47	927.46	0.00	0.43	927.46	14791.30	26777.90
48	-927.57	0.00	0.43	927.57	14791.30	26777.90
49	0.00	-32.29	10.80	32.29	12784.20	924.92
50	0.00	32.03	10.80	32.03	12784.20	924.92
51	0.00	-32.29	10.80	32.29	12720.60	924.92
52	0.00	32.03	10.80	32.03	12720.60	924.92
53	924.69	0.00	0.43	924.69	14736.40	26777.90
54	-924.80	0.00	0.43	924.80	14736.40	26777.90
55	924.69	0.00	0.43	924.69	14663.00	26777.90
56	-924.80	0.00	0.43	924.80	14663.00	26777.90
57	0.00	-30.11	10.80	30.11	12786.90	924.92
58	0.00	29.84	10.80	29.84	12786.90	924.92
59	0.00	-30.11	10.80	30.11	12720.60	924.92
60	0.00	29.84	10.80	29.84	12720.60	924.92
61	919.41	0.00	0.43	919.41	14739.50	26777.90
62	-919.52	0.00	0.43	919.52	14739.50	26777.90
63	919.41	0.00	0.43	919.41	14663.00	26777.90
64	-919.52	0.00	0.43	919.52	14663.00	26777.90
65	0.00	-18.37	10.80	18.37	12720.60	924.92
66	0.00	18.11	10.80	18.11	12720.60	924.92
67	0.00	-18.37	10.80	18.37	12821.00	924.92
68	0.00	18.11	10.80	18.11	12821.00	924.92
69	290.61	0.00	0.43	290.61	14663.00	26777.90
70	-290.72	0.00	0.43	290.72	14663.00	26777.90
71	290.61	0.00	0.43	290.61	14778.70	26777.90
72	-290.72	0.00	0.43	290.72	14778.70	26777.90
73	0.00	2.70	10.80	2.70	12720.60	924.92
74	0.00	-2.96	10.80	2.96	12720.60	924.92
75	0.00	2.70	10.80	2.70	12806.70	924.92
76	0.00	-2.96	10.80	2.96	12806.70	924.92
77	-265.07	0.00	0.43	265.07	14663.00	26777.90
78	264.96	0.00	0.43	264.96	14663.00	26777.90
79	-265.07	0.00	0.43	265.07	14762.30	26777.90
80	264.96	0.00	0.43	264.96	14762.30	26777.90
81	0.00	-10.26	10.80	10.26	12797.80	924.92
82	0.00	10.00	10.80	10.00	12797.80	924.92
83	0.00	-10.26	10.80	10.26	12720.60	924.92
84	0.00	10.00	10.80	10.00	12720.60	924.92
85	282.56	0.00	0.43	282.56	14752.00	26777.90
86	-282.67	0.00	0.43	282.67	14752.00	26777.90
87	282.56	0.00	0.43	282.56	14663.00	26777.90
88	-282.67	0.00	0.43	282.67	14663.00	26777.90
89	0.00	10.82	10.80	10.82	12812.10	924.92
90	0.00	-11.08	10.80	11.08	12812.10	924.92
91	0.00	10.82	10.80	10.82	12720.60	924.92
92	0.00	-11.08	10.80	11.08	12720.60	924.92
93	-273.11	0.00	0.43	273.11	14768.40	26777.90
94	273.01	0.00	0.43	273.01	14768.40	26777.90
95	-273.11	0.00	0.43	273.11	14663.00	26777.90

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96	273.01	0.00	0.43	273.01	14663.00	26777.90
97	0.00	-41.19	10.80	41.19	12720.60	924.92
98	-2.52	0.00	0.43	2.52	14663.00	26777.90
99	0.00	-43.76	10.80	43.76	12720.60	924.92
100	-2.48	0.00	0.43	2.48	14663.00	26777.90
101	0.00	149.95	10.80	149.95	12720.60	924.92
102	8.15	0.00	0.43	8.15	14663.00	26777.90
103	0.00	147.38	10.80	147.38	12720.60	924.92
104	8.19	0.00	0.43	8.19	14663.00	26777.90
105	0.00	45.21	10.80	45.21	12720.60	924.92
106	2.57	0.00	0.43	2.57	14663.00	26777.90
107	0.00	42.64	10.80	42.64	12720.60	924.92
108	2.61	0.00	0.43	2.61	14663.00	26777.90
109	0.00	-4.77	10.80	4.77	12720.60	924.92
110	-0.46	0.00	0.43	0.46	14663.00	26777.90
111	0.00	-7.34	10.80	7.34	12720.60	924.92
112	-0.42	0.00	0.43	0.42	14663.00	26777.90
113	0.00	46.74	10.80	46.74	12720.60	924.92
114	2.39	0.00	0.43	2.39	14663.00	26777.90
115	0.00	44.17	10.80	44.17	12720.60	924.92
116	2.43	0.00	0.43	2.43	14663.00	26777.90

Verifiche stato limite d'esercizio

Caso	N <kN>	Mz <kNm>	My <kNm>	AfT <cmq>	AfC <cmq>	σ_c <kN/mq>	σ_f <kN/mq>
117	-0.17	0.00	252.89	281.39	281.39	891.03	27565.30
118	-0.17	-59.58	0.00	403.51	159.28	10.63	399.29
119	0.58	0.00	18.24	281.39	281.39	64.19	1998.41
120	0.58	193.45	0.00	403.51	159.28	34.46	1322.39
121	0.19	0.00	20.85	281.39	281.39	73.42	2275.69
122	0.19	61.03	0.00	403.51	159.28	10.87	417.28
123	-0.03	0.00	19.29	281.39	281.39	67.98	2102.72
124	-0.03	-10.77	0.00	403.51	159.28	1.92	72.30
125	0.17	0.00	21.50	281.39	281.39	75.72	2346.64
126	0.17	56.76	0.00	403.51	159.28	10.11	388.12
127	-0.00	0.00	17.63	281.39	281.39	62.13	
128	-0.00	-1.71	0.00	403.51	159.28	0.30	
129	-0.00	0.00	17.63	281.39	281.39	62.13	
130	-0.00	-1.71	0.00	403.51	159.28	0.30	
131	-0.00	0.00	17.63	281.39	281.39	62.13	
132	-0.00	-1.71	0.00	403.51	159.28	0.30	
133	-0.00	0.00	17.63	281.39	281.39	62.13	
134	-0.00	-1.71	0.00	403.51	159.28	0.30	
135	-0.00	0.00	17.63	281.39	281.39	62.13	
136	-0.00	-1.71	0.00	403.51	159.28	0.30	

Verifiche stato limite di formazione delle fessure

Caso	N <kN>	My <kNm>	Mz <kNm>	c <mm>	s <mm>	K3	S _{rm} <mm>	Φ	A _s <cmq>	A _{c eff} <cmq>	σ_s <kN/mq>	σ_{sr} <kN/mq>	ε _{sm}	W _k <mm>
127	-0.00	17.63	0.00	46.00	205.42	0.13	247.42	26.00	281.39	24747.70	1922.36	143352.00	0.00	0.00
128	-0.00	0.00	-1.71	46.00	205.42	0.13	241.24	26.00	361.03	30035.50	11.55	205682.00	0.00	0.00
129	-0.00	17.63	0.00	46.00	205.42	0.13	247.42	26.00	281.39	24747.70	1922.36	143352.00	0.00	0.00
130	-0.00	0.00	-1.71	46.00	205.42	0.13	241.24	26.00	361.03	30035.50	11.55	205682.00	0.00	0.00
131	-0.00	17.63	0.00	46.00	205.42	0.13	247.42	26.00	281.39	24747.70	1922.36	143352.00	0.00	0.00
132	-0.00	0.00	-1.71	46.00	205.42	0.13	241.24	26.00	361.03	30035.50	11.55	205682.00	0.00	0.00
133	-0.00	17.63	0.00	46.00	205.42	0.13	247.42	26.00	281.39	24747.70	1922.36	143352.00	0.00	0.00
134	-0.00	0.00	-1.71	46.00	205.42	0.13	241.24	26.00	361.03	30035.50	11.55	205682.00	0.00	0.00
135	-0.00	17.63	0.00	46.00	205.42	0.13	247.42	26.00	281.39	24747.70	1922.36	143352.00	0.00	0.00
136	-0.00	0.00	-1.71	46.00	205.42	0.13	241.24	26.00	361.03	30035.50	11.55	205682.00	0.00	0.00
137	-0.13	192.96	0.00	46.00	205.42	0.13	247.42	26.00	281.39	24747.70	21033.30	143345.00	0.04	0.02
138	-0.13	0.00	-44.72	46.00	205.42	0.13	241.24	26.00	361.03	30035.50	299.67	204785.00	0.00	0.00
139	0.44	16.98	0.00	46.00	205.42	0.13	247.42	26.00	281.39	24747.70	1858.21	143646.00	0.00	0.00
140	0.44	0.00	145.06	46.00	205.42	0.13	241.24	26.00	361.03	30035.80	991.63	206692.00	0.00	0.00
141	0.14	18.93	0.00	46.00	205.42	0.13	247.42	26.00	281.39	24747.70	2066.17	143438.00	0.00	0.00
142	0.14	0.00	45.74	46.00	205.42	0.13	241.24	26.00	361.03	30035.80	312.80	206716.00	0.00	0.00
143	-0.02	17.77	0.00	46.00	205.42	0.13	247.42	26.00	281.39	24747.70	1936.44	143341.00	0.00	0.00
144	-0.02	0.00	-8.10	46.00	205.42	0.13	241.24	26.00	361.03	30035.50	54.43	204993.00	0.00	0.00
145	0.13	19.42	0.00	46.00	205.42	0.13	247.42	26.00	281.39	24747.70	2119.38	143430.00	0.00	0.00
146	0.13	0.00	42.55	46.00	205.42	0.13	241.24	26.00	361.03	30035.80	290.92	206718.00	0.00	0.00

Verifiche principali

Caso	Tipo
1	SLU N cost - min sic.
38	SLU Taglio - min sic. c.a.
101	SLU Taglio - min sic. acciaio
117	C.Rare - Sc min (max compr.), C.Rare - Sf max (max traz.), C.Rare - Sf min (max compr.)
124	C.Rare - Sc max (min compr.)

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127	C.Q.Per. - Sc min (max compr.),C.Q.Per. - Sf max (max traz.),C.Q.Per. - Sf min (max compr.),C.Q.Per. - Wk Max
128	C.Q.Per. - Sc max (min compr.)
137	C.Freq - Wk Max

Elementi bidimensionali (nome del file: SEZ_01)

Sezione degli elementi bidimensionali n. 1

in corrispondenza dei nodi -604 -567 -528 -488 -372 -336 -759 -719 -682 -643 -451 -297 -258 -412

Verifiche stato limite ultimo per tensioni normali

Caso	N <kN>	My <kNm>	Mz <kNm>	Nu <kN>	Myu <kNm>	Mzu <kNm>	Rott.	α <grad>	ε _c	TS	Sic.
1	1241.16	-2018.06	0.00	1241.18	-6890.08	0.00	2-3	0.00	-3.50	N/e	3.494
2	1241.16	-2758.43	0.00	1241.18	-6890.08	0.00	2-3	0.00	-3.50	N/e	2.534
3	-1241.15	-2018.06	0.00	-1241.16	-7238.74	0.00	2-3	0.00	-3.50	N/e	3.560
4	-1241.15	-2758.43	0.00	-1241.16	-7238.74	0.00	2-3	0.00	-3.50	N/e	2.612
5	1241.16	0.00	1725.16	1241.17	2984.02	81481.00	2-3	177.74	-3.50	N/e	47.233
6	1241.16	0.00	-1728.62	1241.16	2980.20	-81583.80	2-3	182.27	-3.50	N/e	47.185
7	-1241.15	0.00	1725.16	-1241.15	-1588.02	128465.00	2-3	15.08	-3.50	N/e	74.461
8	-1241.15	0.00	-1728.62	-1241.15	-1588.02	-128465.00	2-3	344.92	-3.50	N/e	74.324
9	1233.19	-2146.00	0.00	1233.20	-6891.22	-0.00	2-3	0.00	-3.50	N/e	3.279
10	1233.19	-2630.49	0.00	1233.20	-6891.22	-0.00	2-3	0.00	-3.50	N/e	2.660
11	-1233.18	-2146.00	0.00	-1233.18	-7237.64	0.00	2-3	0.00	-3.50	N/e	3.349
12	-1233.18	-2630.49	0.00	-1233.18	-7237.64	0.00	2-3	0.00	-3.50	N/e	2.737
13	1233.19	0.00	1670.79	1233.25	3021.99	80411.30	2-3	177.82	-3.50	N/e	48.127
14	1233.19	0.00	-1674.25	1233.20	3018.38	-80514.50	2-3	182.19	-3.50	N/e	48.079
15	-1233.18	0.00	1670.79	-1233.18	-1626.19	128171.00	2-3	14.45	-3.50	N/e	76.709
16	-1233.18	0.00	-1674.25	-1233.18	-1623.73	-128190.00	2-3	345.51	-3.50	N/e	76.564
17	1234.37	-2024.95	0.00	1234.39	-6891.05	0.00	2-3	0.00	-3.50	N/e	3.482
18	1234.37	-2751.54	0.00	1234.39	-6891.05	0.00	2-3	0.00	-3.50	N/e	2.540
19	-1234.36	-2024.95	0.00	-1234.36	-7237.80	0.00	2-3	0.00	-3.50	N/e	3.547
20	-1234.36	-2751.54	0.00	-1234.36	-7237.80	0.00	2-3	0.00	-3.50	N/e	2.618
21	1234.37	0.00	-1559.95	1234.39	3116.25	-77302.00	2-3	181.97	-3.50	N/e	49.551
22	1234.37	0.00	1556.50	1234.42	3119.25	77195.30	2-3	178.03	-3.50	N/e	49.596
23	-1234.36	0.00	-1559.95	-1234.36	-1733.97	-127351.00	2-3	347.07	-3.50	N/e	81.634
24	-1234.36	0.00	1556.50	-1234.36	-1737.04	127327.00	2-3	12.89	-3.50	N/e	81.798
25	1226.40	-2152.89	0.00	1226.42	-6892.20	-0.00	2-3	0.00	-3.50	N/e	3.269
26	1226.40	-2623.60	0.00	1226.42	-6892.20	-0.00	2-3	0.00	-3.50	N/e	2.668
27	-1226.39	-2152.89	0.00	-1226.40	-7236.71	0.00	2-3	0.00	-3.50	N/e	3.338
28	-1226.39	-2623.60	0.00	-1226.40	-7236.71	0.00	2-3	0.00	-3.50	N/e	2.744
29	1226.40	0.00	-1614.32	1226.40	3063.99	-79149.10	2-3	182.10	-3.50	N/e	49.038
30	1226.40	0.00	1610.86	1226.41	3066.23	79078.10	2-3	177.91	-3.50	N/e	49.085
31	-1226.39	0.00	-1614.32	-1226.47	-1672.94	-127812.00	2-3	346.25	-3.50	N/e	79.182
32	-1226.39	0.00	1610.86	-1226.47	-1672.94	127812.00	2-3	13.75	-3.50	N/e	79.337
33	385.44	-2221.96	0.00	385.49	-7011.99	0.00	2-3	0.00	-3.50	N/e	3.175
34	385.44	-2554.53	0.00	385.49	-7011.99	0.00	2-3	0.00	-3.50	N/e	2.759
35	-385.42	-2221.96	0.00	-385.43	-7120.71	-0.00	2-3	0.00	-3.50	N/e	3.198
36	-385.42	-2554.53	0.00	-385.43	-7120.71	-0.00	2-3	0.00	-3.50	N/e	2.783
37	385.44	0.00	5517.79	385.48	421.25	121957.00	2-3	168.83	-3.50	N/e	22.100
38	385.44	0.00	-5521.25	385.47	421.25	-121957.00	2-3	191.17	-3.50	N/e	22.087
39	-385.42	0.00	5517.79	-385.43	-150.70	127977.00	2-3	158.91	-3.50	N/e	23.192
40	-385.42	0.00	-5521.25	-385.42	-150.71	-127977.00	2-3	201.09	-3.50	N/e	23.177
41	377.47	-2349.90	0.00	377.52	-7013.11	-0.00	2-3	0.00	-3.50	N/e	3.001
42	377.47	-2426.59	0.00	377.52	-7013.11	-0.00	2-3	0.00	-3.50	N/e	2.906
43	-377.46	-2349.90	0.00	-377.46	-7119.60	0.00	2-3	0.00	-3.50	N/e	3.024
44	-377.46	-2426.59	0.00	-377.46	-7119.60	0.00	2-3	0.00	-3.50	N/e	2.929
45	377.47	0.00	5463.42	377.51	417.19	122012.00	2-3	168.79	-3.50	N/e	22.330
46	377.47	0.00	-5466.88	377.50	417.20	-122012.00	2-3	191.21	-3.50	N/e	22.317
47	-377.46	0.00	5463.42	-377.45	-145.76	127928.00	2-3	159.06	-3.50	N/e	23.417
48	-377.46	0.00	-5466.88	-377.45	-145.76	-127928.00	2-3	200.94	-3.50	N/e	23.402
49	-354.83	-2403.62	0.00	-354.83	-7116.41	0.00	2-3	0.00	-3.50	N/e	2.956
50	-354.83	-2372.87	0.00	-354.83	-7116.41	0.00	2-3	0.00	-3.50	N/e	2.994
51	354.84	-2403.62	0.00	354.91	-7016.30	0.00	2-3	0.00	-3.50	N/e	2.934
52	354.84	-2372.87	0.00	354.91	-7016.30	0.00	2-3	0.00	-3.50	N/e	2.972
53	-354.83	0.00	5483.50	-354.83	-135.90	127813.00	2-3	159.38	-3.50	N/e	23.311
54	-354.83	0.00	-5486.96	-354.83	-135.90	-127813.00	2-3	200.63	-3.50	N/e	23.296
55	354.84	0.00	5483.50	354.87	392.38	122281.00	2-3	168.56	-3.50	N/e	22.299
56	354.84	0.00	-5486.96	354.88	392.38	-122281.00	2-3	191.44	-3.50	N/e	22.285
57	-362.80	-2531.56	0.00	-362.81	-7117.53	0.00	2-3	0.00	-3.50	N/e	2.807
58	-362.80	-2244.93	0.00	-362.81	-7117.53	0.00	2-3	0.00	-3.50	N/e	3.164
59	362.81	-2531.56	0.00	362.86	-7015.17	0.00	2-3	0.00	-3.50	N/e	2.784
60	362.81	-2244.93	0.00	362.86	-7015.17	0.00	2-3	0.00	-3.50	N/e	3.143
61	-362.80	0.00	5429.13	-362.80	-140.97	127863.00	2-3	159.22	-3.50	N/e	23.553
62	-362.80	0.00	-5432.59	-362.80	-140.97	-127863.00	2-3	200.78	-3.50	N/e	23.538
63	362.81	0.00	5429.13	362.85	404.76	122155.00	2-3	168.67	-3.50	N/e	22.499
64	362.81	0.00	-5432.59	362.84	404.76	-122155.00	2-3	191.33	-3.50	N/e	22.485
65	386.81	-2080.74	0.00	386.87	-7011.79	-0.00	2-3	0.00	-3.50	N/e	3.393
66	386.81	-2695.75	0.00	386.87	-7011.79	-0.00	2-3	0.00	-3.50	N/e	2.613

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67	-386.80	-2080.74	0.00	-386.80	-7120.90	0.00	2-3	0.00	-3.50	N/e	3.414
68	-386.80	-2695.75	0.00	-386.80	-7120.90	0.00	2-3	0.00	-3.50	N/e	2.637
69	386.81	0.00	1748.59	386.89	1281.96	113273.00	2-3	173.64	-3.50	N/e	64.774
70	386.81	0.00	-1752.04	386.82	1279.16	-113308.00	2-3	186.37	-3.50	N/e	64.662
71	-386.80	0.00	1748.59	-386.80	-493.91	129611.00	2-3	139.38	-3.50	N/e	74.121
72	-386.80	0.00	-1752.04	-386.80	-493.91	-129611.00	2-3	220.63	-3.50	N/e	73.972
73	380.03	-2087.63	0.00	380.07	-7012.75	0.00	2-3	0.00	-3.50	N/e	3.382
74	380.03	-2688.86	0.00	380.07	-7012.75	0.00	2-3	0.00	-3.50	N/e	2.620
75	-380.01	-2087.63	0.00	-380.02	-7119.96	0.00	2-3	0.00	-3.50	N/e	3.403
76	-380.01	-2688.86	0.00	-380.02	-7119.96	0.00	2-3	0.00	-3.50	N/e	2.644
77	380.03	0.00	-1536.53	380.10	1416.00	-111672.00	2-3	185.91	-3.50	N/e	72.675
78	380.03	0.00	1533.07	380.05	1418.99	111633.00	2-3	174.10	-3.50	N/e	72.815
79	-380.01	0.00	-1536.53	-380.01	-553.98	-129821.00	2-3	227.50	-3.50	N/e	84.487
80	-380.01	0.00	1533.07	-380.01	-553.97	129821.00	2-3	132.50	-3.50	N/e	84.681
81	-353.45	-2262.40	0.00	-353.46	-7116.21	0.00	2-3	0.00	-3.50	N/e	3.140
82	-353.45	-2514.09	0.00	-353.46	-7116.21	0.00	2-3	0.00	-3.50	N/e	2.826
83	353.46	-2262.40	0.00	353.52	-7016.49	0.00	2-3	0.00	-3.50	N/e	3.119
84	353.46	-2514.09	0.00	353.52	-7016.49	0.00	2-3	0.00	-3.50	N/e	2.804
85	-353.45	0.00	1714.30	-353.45	-457.97	129382.00	2-3	142.81	-3.50	N/e	75.474
86	-353.45	0.00	-1717.76	-353.45	-457.97	-129382.00	2-3	217.19	-3.50	N/e	75.320
87	353.46	0.00	1714.30	353.47	1205.86	114249.00	2-3	173.36	-3.50	N/e	66.640
88	353.46	0.00	-1717.76	353.48	1205.86	-114249.00	2-3	186.64	-3.50	N/e	66.521
89	-360.24	-2269.29	0.00	-360.24	-7117.17	0.00	2-3	0.00	-3.50	N/e	3.130
90	-360.24	-2507.20	0.00	-360.24	-7117.17	0.00	2-3	0.00	-3.50	N/e	2.834
91	360.25	-2269.29	0.00	360.31	-7015.53	0.00	2-3	0.00	-3.50	N/e	3.109
92	360.25	-2507.20	0.00	360.31	-7015.53	0.00	2-3	0.00	-3.50	N/e	2.812
93	-360.24	0.00	-1570.82	-360.24	-512.83	-129620.00	2-3	222.50	-3.50	N/e	82.515
94	-360.24	0.00	1567.36	-360.24	-512.83	129620.00	2-3	137.50	-3.50	N/e	82.700
95	360.25	0.00	-1570.82	360.26	1325.17	-112829.00	2-3	186.21	-3.50	N/e	71.817
96	360.25	0.00	1567.36	360.31	1330.80	112760.00	2-3	173.81	-3.50	N/e	71.955
97	0.06	-4311.03	0.00	0.07	-7066.32	0.00	2-3	0.00	-3.50	N/e	1.639
98	0.06	0.00	-80.85	0.15	3.34	-126061.00	2-3	196.95	-3.50	N/e	*****
99	0.05	-3413.84	0.00	0.07	-7066.32	0.00	2-3	0.00	-3.50	N/e	2.070
100	0.05	0.00	-79.55	0.14	3.34	-126061.00	2-3	196.95	-3.50	N/e	*****
101	-0.15	-7069.80	0.00	-0.15	-7066.35	0.00	2-3	0.00	-3.50	N/e	1.000
102	-0.15	0.00	259.25	-0.15	-0.51	126087.00	2-3	162.97	-3.50	N/e	486.368
103	-0.15	-6172.62	0.00	-0.15	-7066.35	0.00	2-3	0.00	-3.50	N/e	1.145
104	-0.15	0.00	260.55	-0.15	-0.51	126087.00	2-3	162.97	-3.50	N/e	483.939
105	-0.04	-4125.15	0.00	-0.04	-7066.33	0.00	2-3	0.00	-3.50	N/e	1.713
106	-0.04	0.00	78.74	-0.04	-0.51	126086.00	2-3	162.97	-3.50	N/e	*****
107	-0.04	-3227.96	0.00	-0.05	-7066.34	0.00	2-3	0.00	-3.50	N/e	2.189
108	-0.04	0.00	80.04	-0.04	-0.51	126086.00	2-3	162.97	-3.50	N/e	*****
109	0.02	-3128.92	0.00	0.03	-7066.32	0.00	2-3	0.00	-3.50	N/e	2.258
110	0.02	0.00	-16.40	0.11	7.26	-126035.00	2-3	196.88	-3.50	N/e	*****
111	0.02	-2231.73	0.00	0.03	-7066.32	0.00	2-3	0.00	-3.50	N/e	3.166
112	0.02	0.00	-15.10	0.11	7.26	-126035.00	2-3	196.88	-3.50	N/e	*****
113	-0.04	-4433.98	0.00	-0.04	-7066.33	0.00	2-3	0.00	-3.50	N/e	1.594
114	-0.04	0.00	73.27	-0.04	-0.51	126086.00	2-3	162.97	-3.50	N/e	*****
115	-0.04	-3536.80	0.00	-0.04	-7066.33	0.00	2-3	0.00	-3.50	N/e	1.998
116	-0.04	0.00	74.57	-0.04	-0.51	126086.00	2-3	162.97	-3.50	N/e	*****

Verifiche stato limite ultimo per sollecitazioni taglianti

Caso	Ty <kN>	Tz <kN>	bw <m>	Vsdu <kN>	VRcd <kN>	VRsd <kN>
1	0.00	5.53	10.80	5.53	12720.60	693.69
2	0.00	-13.23	10.80	13.23	12720.60	693.69
3	0.00	5.53	10.80	5.53	12961.50	693.69
4	0.00	-13.23	10.80	13.23	12961.50	693.69
5	197.49	0.00	10.23	7.78	25782.00	58.50
6	-197.62	0.00	10.10	7.81	25511.60	58.79
7	197.49	0.00	1.56	51.38	15855.00	1526.93
8	-197.62	0.00	1.56	51.41	15855.00	1526.93
9	0.00	3.60	10.80	3.60	12720.60	693.69
10	0.00	-11.30	10.80	11.30	12720.60	693.69
11	0.00	3.60	10.80	3.60	12960.00	693.69
12	0.00	-11.30	10.80	11.30	12960.00	693.69
13	191.04	0.00	10.47	7.28	25939.30	55.62
14	-191.17	0.00	10.47	7.31	25987.60	55.91
15	191.04	0.00	1.63	47.68	15981.50	1412.87
16	-191.17	0.00	1.64	47.84	16062.30	1419.88
17	0.00	-10.89	10.80	10.89	12720.60	693.69
18	0.00	3.19	10.80	3.19	12720.60	693.69
19	0.00	-10.89	10.80	10.89	12960.20	693.69
20	0.00	3.19	10.80	3.19	12960.20	693.69
21	-185.29	0.00	10.81	6.39	25420.90	47.75
22	185.16	0.00	10.81	6.36	25373.80	47.49
23	-185.29	0.00	1.83	41.46	16261.50	1152.07
24	185.16	0.00	1.82	41.31	16179.30	1145.71
25	0.00	-12.82	10.80	12.82	12720.60	693.69

Relazione di Calcolo – Ponte Torrente Gogna

26	0.00	5.12	10.80	5.12	12720.60	693.69
27	0.00	-12.82	10.80	12.82	12958.70	693.69
28	0.00	5.12	10.80	5.12	12958.70	693.69
29	-191.74	0.00	10.81	7.02	26222.30	52.35
30	191.61	0.00	10.81	7.00	26190.90	52.17
31	-191.74	0.00	1.72	45.57	16143.00	1289.44
32	191.61	0.00	1.72	45.54	16143.10	1289.44
33	0.00	24.55	10.80	24.55	12720.60	693.69
34	0.00	-32.25	10.80	32.25	12720.60	693.69
35	0.00	24.55	10.80	24.55	12795.40	693.69
36	0.00	-32.25	10.80	32.25	12795.40	693.69
37	642.01	0.00	2.09	124.39	16207.80	885.79
38	-642.14	0.00	2.09	124.42	16207.80	885.79
39	642.01	0.00	0.14	231.06	1824.59	5090.84
40	-642.14	0.00	0.14	231.10	1824.59	5090.84
41	0.00	22.62	10.80	22.62	12720.60	693.69
42	0.00	-30.32	10.80	30.32	12720.60	693.69
43	0.00	22.62	10.80	22.62	12793.90	693.69
44	0.00	-30.32	10.80	30.32	12793.90	693.69
45	635.56	0.00	2.09	123.57	16289.80	891.45
46	-635.69	0.00	2.09	123.59	16289.80	891.45
47	635.56	0.00	0.13	227.12	1740.72	5052.10
48	-635.69	0.00	0.13	227.16	1740.71	5052.10
49	0.00	24.43	10.80	24.43	12789.50	693.69
50	0.00	-32.13	10.80	32.13	12789.50	693.69
51	0.00	24.43	10.80	24.43	12720.60	693.69
52	0.00	-32.13	10.80	32.13	12720.60	693.69
53	640.25	0.00	0.13	225.53	1769.34	4974.62
54	-640.38	0.00	0.13	225.57	1769.34	4974.62
55	640.25	0.00	2.04	127.05	16169.70	925.71
56	-640.38	0.00	2.04	127.07	16169.70	925.71
57	0.00	22.50	10.80	22.50	12791.00	693.69
58	0.00	-30.20	10.80	30.20	12791.00	693.69
59	0.00	22.50	10.80	22.50	12720.60	693.69
60	0.00	-30.20	10.80	30.20	12720.60	693.69
61	633.80	0.00	0.14	224.87	1855.60	5013.36
62	-633.93	0.00	0.14	224.92	1855.60	5013.36
63	633.80	0.00	2.08	124.50	16331.60	908.50
64	-633.93	0.00	2.08	124.52	16331.60	908.50
65	0.00	7.64	10.80	7.64	12720.60	693.69
66	0.00	-15.34	10.80	15.34	12720.60	693.69
67	0.00	7.64	10.80	7.64	12795.70	693.69
68	0.00	-15.34	10.80	15.34	12795.70	693.69
69	202.96	0.00	3.64	22.47	18012.60	322.59
70	-203.09	0.00	3.65	22.52	18088.20	323.46
71	202.96	0.00	0.10	132.15	2385.02	9590.71
72	-203.09	0.00	0.10	132.23	2385.02	9590.71
73	0.00	-8.79	10.80	8.79	12720.60	693.69
74	0.00	1.08	10.80	1.08	12720.60	693.69
75	0.00	-8.79	10.80	8.79	12794.40	693.69
76	0.00	1.08	10.80	1.08	12794.40	693.69
77	-179.82	0.00	3.93	18.51	18377.30	283.82
78	179.69	0.00	3.91	18.47	18301.30	283.01
79	-179.82	0.00	0.10	132.58	2645.21	10791.30
80	179.69	0.00	0.10	132.48	2645.21	10791.30
81	0.00	7.52	10.80	7.52	12789.20	693.69
82	0.00	-15.22	10.80	15.22	12789.20	693.69
83	0.00	7.52	10.80	7.52	12720.60	693.69
84	0.00	-15.22	10.80	15.22	12720.60	693.69
85	201.20	0.00	0.10	121.61	2150.54	8891.01
86	-201.33	0.00	0.10	121.69	2150.54	8891.01
87	201.20	0.00	3.47	23.27	17741.40	348.26
88	-201.33	0.00	3.47	23.28	17741.40	348.26
89	0.00	-8.91	10.80	8.91	12790.50	693.69
90	0.00	1.21	10.80	1.21	12790.50	693.69
91	0.00	-8.91	10.80	8.91	12720.60	693.69
92	0.00	1.21	10.80	1.21	12720.60	693.69
93	-181.59	0.00	0.10	122.68	2452.73	9946.33
94	181.46	0.00	0.10	122.59	2452.73	9946.33
95	-181.59	0.00	3.70	19.65	18003.80	309.68
96	181.46	0.00	3.73	19.57	18078.30	307.98
97	0.00	-72.08	10.80	72.08	12720.60	693.69
98	-3.02	0.00	0.15	0.88	1705.82	4068.71
99	0.00	-69.79	10.80	69.79	12720.60	693.69
100	-2.98	0.00	0.15	0.87	1705.82	4068.71
101	0.00	-360.32	10.80	360.32	12720.60	693.69
102	9.70	0.00	0.15	2.84	1662.51	4087.84
103	0.00	-358.03	10.80	358.03	12720.60	693.69
104	9.75	0.00	0.15	2.86	1662.51	4087.84

Relazione di Calcolo - Ponte Torrente Gogna

105	0.00	-87.27	10.80	87.27	12720.60	693.69
106	2.95	0.00	0.15	0.86	1662.51	4087.84
107	0.00	-84.97	10.80	84.97	12720.60	693.69
108	3.00	0.00	0.15	0.88	1662.51	4087.84
109	0.00	17.37	10.80	17.37	12720.60	693.69
110	-0.61	0.00	0.16	0.18	1748.88	4049.58
111	0.00	19.67	10.80	19.67	12720.60	693.69
112	-0.56	0.00	0.16	0.16	1748.88	4049.58
113	0.00	-85.48	10.80	85.48	12720.60	693.69
114	2.74	0.00	0.15	0.80	1662.51	4087.84
115	0.00	-83.19	10.80	83.19	12720.60	693.69
116	2.79	0.00	0.15	0.82	1662.51	4087.84

Verifiche stato limite d'esercizio

Caso	N <kN>	Mz <kNm>	My <kNm>	AfT <cmq>	AfC <cmq>	σ_c <kN/mq>	σ_f <kN/mq>
117	0.04	0.00	-3126.90	562.78	281.39	8783.44	175514.00
118	0.04	-59.79	0.00	568.09	276.08	10.33	310.48
119	-0.11	0.00	-5170.43	562.78	281.39	14523.70	290217.00
120	-0.11	192.13	0.00	568.09	276.08	33.17	993.30
121	-0.03	0.00	-2989.20	562.78	281.39	8396.67	167785.00
122	-0.03	58.42	0.00	568.09	276.08	10.09	302.10
123	0.01	0.00	-2251.26	562.78	281.39	6323.78	126364.00
124	0.01	-12.05	0.00	568.09	276.08	2.08	62.69
125	-0.03	0.00	-3217.97	562.78	281.39	9039.28	180626.00
126	-0.03	54.37	0.00	568.09	276.08	9.39	281.15
127	0.01	0.00	-2388.24	562.78	281.39	6708.57	
128	0.01	-1.73	0.00	578.71	265.46	0.30	
129	0.01	0.00	-2388.24	562.78	281.39	6708.57	
130	0.01	-1.73	0.00	578.71	265.46	0.30	
131	0.01	0.00	-2388.24	562.78	281.39	6708.57	
132	0.01	-1.73	0.00	578.71	265.46	0.30	
133	0.01	0.00	-2388.24	562.78	281.39	6708.57	
134	0.01	-1.73	0.00	578.71	265.46	0.30	
135	0.01	0.00	-2388.24	562.78	281.39	6708.57	
136	0.01	-1.73	0.00	578.71	265.46	0.30	

Verifiche stato limite di formazione delle fessure

Caso	N <kN>	My <kNm>	Mz <kNm>	c <mm>	s <mm>	K3	S _{rm} <mm>	Φ	A _s <cmq>	A _{c eff} <cmq>	σ_s <kN/mq>	σ_{sr} <kN/mq>	ϵ_{sm}	Wk <mm>
127	0.01	-2388.24	0.00	46.00	100.77	0.13	171.23	26.00	562.78	25576.10	134053.00	85906.80	0.52	0.15
128	0.01	0.00	-1.73	46.00	205.42	0.13	207.30	26.00	515.00	29400.60	9.06	169617.00	0.00	0.00
129	0.01	-2388.24	0.00	46.00	100.77	0.13	171.23	26.00	562.78	25576.10	134053.00	85906.80	0.52	0.15
130	0.01	0.00	-1.73	46.00	205.42	0.13	207.30	26.00	515.00	29400.60	9.06	169617.00	0.00	0.00
131	0.01	-2388.24	0.00	46.00	100.77	0.13	171.23	26.00	562.78	25576.10	134053.00	85906.80	0.52	0.15
132	0.01	0.00	-1.73	46.00	205.42	0.13	207.30	26.00	515.00	29400.60	9.06	169617.00	0.00	0.00
133	0.01	-2388.24	0.00	46.00	100.77	0.13	171.23	26.00	562.78	25576.10	134053.00	85906.80	0.52	0.15
134	0.01	0.00	-1.73	46.00	205.42	0.13	207.30	26.00	515.00	29400.60	9.06	169617.00	0.00	0.00
135	0.01	-2388.24	0.00	46.00	100.77	0.13	171.23	26.00	562.78	25576.10	134053.00	85906.80	0.52	0.15
136	0.01	0.00	-1.73	46.00	205.42	0.13	207.30	26.00	515.00	29400.60	9.06	169617.00	0.00	0.00
137	0.03	-2831.99	0.00	46.00	100.77	0.13	171.23	26.00	562.78	25576.10	158961.00	85906.90	0.66	0.19
138	0.03	0.00	-44.87	46.00	205.42	0.13	207.30	26.00	515.00	29400.60	233.03	169003.00	0.00	0.00
139	-0.08	-4364.64	0.00	46.00	100.77	0.13	171.23	26.00	562.78	25576.10	244988.00	85906.70	1.12	0.32
140	-0.08	0.00	144.07	46.00	205.42	0.13	207.30	26.00	515.00	29400.30	744.84	168652.00	0.00	0.00
141	-0.02	-2728.72	0.00	46.00	100.77	0.13	171.23	26.00	562.78	25576.10	153164.00	85906.80	0.63	0.18
142	-0.02	0.00	43.79	46.00	205.42	0.13	207.30	26.00	515.00	29400.30	226.44	168677.00	0.00	0.00
143	0.01	-2175.26	0.00	46.00	100.77	0.13	171.23	26.00	562.78	25576.10	122098.00	85906.80	0.45	0.13
144	0.01	0.00	-9.07	46.00	205.42	0.13	207.30	26.00	515.00	29400.60	47.19	169132.00	0.00	0.00
145	-0.02	-2900.30	0.00	46.00	100.77	0.13	171.23	26.00	562.78	25576.10	162795.00	85906.70	0.68	0.20
146	-0.02	0.00	40.75	46.00	205.42	0.13	207.30	26.00	515.00	29400.30	210.73	168680.00	0.00	0.00

Verifiche principali

Caso	Tipo
48	SLU Taglio - min sic. c.a.
101	SLU N cost - min sic.,SLU Taglio - min sic. acciaio
119	C.Rare - Sc min (max compr.),C.Rare - Sf max (max traz.),C.Rare - Sf min (max compr.)
124	C.Rare - Sc max (min compr.)
127	C.Q.Per. - Sc min (max compr.),C.Q.Per. - Sf max (max traz.),C.Q.Per. - Sf min (max compr.),C.Q.Per. - Wk Max
128	C.Q.Per. - Sc max (min compr.)
139	C.Freq - Wk Max

Elementi bidimensionali (nome del file: SEZ_02)

Sezione degli elementi bidimensionali n. 1
in corrispondenza dei nodi -305 30 35 -496 39 -612 -651 44 -727 -767 -536 -420 -380 -266

Verifiche stato limite ultimo per tensioni normali

Caso	N <kN>	My <kNm>	Mz <kNm>	Nu <kN>	Myu <kNm>	Mzu <kNm>	Rott.	α <grad>	ϵ_c	TS	Sic.
1	962.01	2711.91	0.00	962.04	6930.23	-0.00	2-3	180.00	-3.50	N/e	2.585
2	962.01	2103.98	0.00	962.04	6930.23	-0.00	2-3	180.00	-3.50	N/e	3.350
3	-962.00	2711.91	0.00	-962.01	7200.20	0.00	2-3	180.00	-3.50	N/e	2.645
4	-962.00	2103.98	0.00	-962.01	7200.20	0.00	2-3	180.00	-3.50	N/e	3.403
5	962.01	0.00	2520.46	962.07	-1981.63	102310.00	2-3	4.31	-3.50	N/e	40.597
6	962.01	0.00	-2518.38	962.06	-1981.63	-102310.00	2-3	355.69	-3.50	N/e	40.622
7	-962.00	0.00	2520.46	-962.00	856.77	131612.00	2-3	113.75	-3.50	N/e	52.215
8	-962.00	0.00	-2518.38	-962.00	859.71	-131603.00	2-3	245.63	-3.50	N/e	52.257
9	952.36	2604.70	0.00	952.40	6931.62	0.00	2-3	180.00	-3.50	N/e	2.693
10	952.36	2211.19	0.00	952.40	6931.62	0.00	2-3	180.00	-3.50	N/e	3.184
11	-952.35	2604.70	0.00	-952.35	7198.87	0.00	2-3	180.00	-3.50	N/e	2.753
12	-952.35	2211.19	0.00	-952.35	7198.87	0.00	2-3	180.00	-3.50	N/e	3.239
13	952.36	0.00	2460.72	952.41	-2002.98	102004.00	2-3	4.26	-3.50	N/e	41.451
14	952.36	0.00	-2458.64	952.41	-2005.05	-101972.00	2-3	355.75	-3.50	N/e	41.478
15	-952.35	0.00	2460.72	-952.35	869.04	131551.00	2-3	116.25	-3.50	N/e	53.458
16	-952.35	0.00	-2458.64	-952.35	872.10	-131542.00	2-3	243.13	-3.50	N/e	53.503
17	958.67	2705.40	0.00	958.71	6930.72	0.00	2-3	180.00	-3.50	N/e	2.591
18	958.67	2110.49	0.00	958.71	6930.72	0.00	2-3	180.00	-3.50	N/e	3.339
19	-958.66	2705.40	0.00	-958.67	7199.74	0.00	2-3	180.00	-3.50	N/e	2.651
20	-958.66	2110.49	0.00	-958.67	7199.74	0.00	2-3	180.00	-3.50	N/e	3.392
21	958.67	0.00	-2346.97	958.73	-2087.72	-100648.00	2-3	355.94	-3.50	N/e	42.883
22	958.67	0.00	2349.05	958.73	-2087.72	100648.00	2-3	4.06	-3.50	N/e	42.854
23	-958.66	0.00	-2346.97	-958.66	919.21	-131401.00	2-3	234.38	-3.50	N/e	55.989
24	-958.66	0.00	2349.05	-958.66	919.20	131401.00	2-3	125.63	-3.50	N/e	55.940
25	949.02	2598.19	0.00	949.05	6932.10	-0.00	2-3	180.00	-3.50	N/e	2.700
26	949.02	2217.70	0.00	949.05	6932.10	-0.00	2-3	180.00	-3.50	N/e	3.174
27	-949.01	2598.19	0.00	-949.02	7198.41	0.00	2-3	180.00	-3.50	N/e	2.759
28	-949.01	2217.70	0.00	-949.02	7198.41	0.00	2-3	180.00	-3.50	N/e	3.229
29	949.02	0.00	-2406.71	949.09	-2032.55	-101549.00	2-3	355.81	-3.50	N/e	42.193
30	949.02	0.00	2408.79	949.10	-2032.55	101549.00	2-3	4.19	-3.50	N/e	42.165
31	-949.01	0.00	-2406.71	-949.01	888.02	-131484.00	2-3	240.00	-3.50	N/e	54.633
32	-949.01	0.00	2408.79	-949.01	888.01	131484.00	2-3	120.00	-3.50	N/e	54.587
33	297.05	2546.54	0.00	297.12	7024.44	0.00	2-3	180.00	-3.50	N/e	2.769
34	297.05	2269.36	0.00	297.12	7024.44	0.00	2-3	180.00	-3.50	N/e	3.110
35	-297.04	2546.54	0.00	-297.04	7108.25	-0.00	2-3	180.00	-3.50	N/e	2.788
36	-297.04	2269.36	0.00	-297.04	7108.25	-0.00	2-3	180.00	-3.50	N/e	3.127
37	297.05	0.00	8160.05	297.11	-219.40	123797.00	2-3	13.36	-3.50	N/e	15.172
38	297.05	0.00	-8157.97	297.11	-219.41	-123797.00	2-3	346.64	-3.50	N/e	15.175
39	-297.04	0.00	8160.05	-297.04	74.18	127303.00	2-3	18.91	-3.50	N/e	15.602
40	-297.04	0.00	-8157.97	-297.04	74.18	-127303.00	2-3	341.09	-3.50	N/e	15.606
41	287.40	2439.32	0.00	287.47	7025.80	0.00	2-3	180.00	-3.50	N/e	2.892
42	287.40	2376.57	0.00	287.47	7025.80	0.00	2-3	180.00	-3.50	N/e	2.969
43	-287.39	2439.32	0.00	-287.39	7106.88	0.00	2-3	180.00	-3.50	N/e	2.910
44	-287.39	2376.57	0.00	-287.39	7106.88	0.00	2-3	180.00	-3.50	N/e	2.986
45	287.40	0.00	8100.31	287.46	-213.51	123866.00	2-3	13.44	-3.50	N/e	15.291
46	287.40	0.00	-8098.23	287.46	-213.50	-123866.00	2-3	346.56	-3.50	N/e	15.295
47	-287.39	0.00	8100.31	-287.39	74.46	127280.00	2-3	18.91	-3.50	N/e	15.712
48	-287.39	0.00	-8098.23	-287.39	74.47	-127280.00	2-3	341.09	-3.50	N/e	15.717
49	-276.26	2398.27	0.00	-276.26	7105.31	0.00	2-3	180.00	-3.50	N/e	2.959
50	-276.26	2417.62	0.00	-276.26	7105.31	0.00	2-3	180.00	-3.50	N/e	2.935
51	276.27	2398.27	0.00	276.33	7027.37	0.00	2-3	180.00	-3.50	N/e	2.942
52	276.27	2417.62	0.00	276.33	7027.37	0.00	2-3	180.00	-3.50	N/e	2.918
53	-276.26	0.00	8126.55	-276.26	68.54	127216.00	2-3	18.75	-3.50	N/e	15.656
54	-276.26	0.00	-8124.47	-276.26	68.54	-127216.00	2-3	341.25	-3.50	N/e	15.660
55	276.27	0.00	8126.55	276.31	-204.71	123961.00	2-3	13.55	-3.50	N/e	15.254
56	276.27	0.00	-8124.47	276.32	-204.71	-123961.00	2-3	346.44	-3.50	N/e	15.258
57	-285.91	2291.06	0.00	-285.92	7106.67	0.00	2-3	180.00	-3.50	N/e	3.097
58	-285.91	2524.83	0.00	-285.92	7106.67	0.00	2-3	180.00	-3.50	N/e	2.811
59	285.92	2291.06	0.00	285.99	7026.01	0.00	2-3	180.00	-3.50	N/e	3.080
60	285.92	2524.83	0.00	285.99	7026.01	0.00	2-3	180.00	-3.50	N/e	2.793
61	-285.91	0.00	8066.81	-285.91	74.51	127277.00	2-3	18.91	-3.50	N/e	15.777
62	-285.91	0.00	-8064.73	-285.91	74.51	-127277.00	2-3	341.09	-3.50	N/e	15.781
63	285.92	0.00	8066.81	285.97	-213.55	123870.00	2-3	13.44	-3.50	N/e	15.356
64	285.92	0.00	-8064.73	285.97	-213.55	-123870.00	2-3	346.56	-3.50	N/e	15.360
65	304.41	2664.02	0.00	304.48	7023.40	0.00	2-3	180.00	-3.50	N/e	2.646
66	304.41	2151.88	0.00	304.48	7023.40	0.00	2-3	180.00	-3.50	N/e	3.281
67	-304.40	2664.02	0.00	-304.41	7109.29	0.00	2-3	180.00	-3.50	N/e	2.665
68	-304.40	2151.88	0.00	-304.41	7109.29	0.00	2-3	180.00	-3.50	N/e	3.298
69	304.41	0.00	2551.08	304.42	-725.08	119436.00	2-3	8.95	-3.50	N/e	46.817
70	304.41	0.00	-2548.99	304.42	-725.08	-119436.00	2-3	351.06	-3.50	N/e	46.853
71	-304.40	0.00	2551.08	-304.40	260.33	128353.00	2-3	25.00	-3.50	N/e	50.316
72	-304.40	0.00	-2548.99	-304.40	260.33	-128353.00	2-3	335.00	-3.50	N/e	50.357
73	301.07	2657.50	0.00	301.13	7023.87	0.00	2-3	180.00	-3.50	N/e	2.653
74	301.07	2158.39	0.00	301.13	7023.87	0.00	2-3	180.00	-3.50	N/e	3.271
75	-301.06	2657.50	0.00	-301.06	7108.81	0.00	2-3	180.00	-3.50	N/e	2.672
76	-301.06	2158.39	0.00	-301.06	7108.81	0.00	2-3	180.00	-3.50	N/e	3.288

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77	301.07	0.00	-2316.36	301.15	-788.54	-118829.00	2-3	351.43	-3.50	N/e	51.304
78	301.07	0.00	2318.44	301.15	-785.05	118863.00	2-3	8.59	-3.50	N/e	51.261
79	-301.06	0.00	-2316.36	-301.07	285.07	-128469.00	2-3	333.91	-3.50	N/e	55.463
80	-301.06	0.00	2318.44	-301.07	285.09	128469.00	2-3	26.09	-3.50	N/e	55.413
81	-268.89	2515.75	0.00	-268.90	7104.27	0.00	2-3	180.00	-3.50	N/e	2.821
82	-268.89	2300.14	0.00	-268.90	7104.27	0.00	2-3	180.00	-3.50	N/e	3.084
83	268.90	2515.75	0.00	268.98	7028.40	-0.00	2-3	180.00	-3.50	N/e	2.804
84	268.90	2300.14	0.00	268.98	7028.40	-0.00	2-3	180.00	-3.50	N/e	3.068
85	-268.89	0.00	2517.57	-268.89	234.69	128131.00	2-3	23.91	-3.50	N/e	50.893
86	-268.89	0.00	-2515.49	-268.89	234.69	-128131.00	2-3	336.09	-3.50	N/e	50.935
87	268.90	0.00	2517.57	268.92	-652.40	120216.00	2-3	9.41	-3.50	N/e	47.746
88	268.90	0.00	-2515.49	268.91	-652.40	-120216.00	2-3	350.59	-3.50	N/e	47.783
89	-272.23	2509.24	0.00	-272.25	7104.74	0.00	2-3	180.00	-3.50	N/e	2.828
90	-272.23	2306.65	0.00	-272.25	7104.74	0.00	2-3	180.00	-3.50	N/e	3.076
91	272.24	2509.24	0.00	272.32	7027.93	0.00	2-3	180.00	-3.50	N/e	2.811
92	272.24	2306.65	0.00	272.32	7027.93	0.00	2-3	180.00	-3.50	N/e	3.059
93	-272.23	0.00	-2349.86	-272.24	253.91	-128238.00	2-3	335.31	-3.50	N/e	54.573
94	-272.23	0.00	2351.94	-272.24	253.91	128238.00	2-3	24.69	-3.50	N/e	54.525
95	272.24	0.00	-2349.86	272.25	-707.09	-119692.00	2-3	350.94	-3.50	N/e	50.936
96	272.24	0.00	2351.94	272.25	-707.09	119692.00	2-3	9.06	-3.50	N/e	50.894
97	0.01	4376.82	0.00	0.02	7066.32	0.00	2-3	180.00	-3.50	N/e	1.614
98	0.01	0.00	49.13	0.11	0.52	126086.00	2-3	17.03	-3.50	N/e	*****
99	0.01	3424.84	0.00	0.01	7066.33	-0.00	2-3	180.00	-3.50	N/e	2.063
100	0.01	0.00	48.34	0.02	0.52	126086.00	2-3	17.03	-3.50	N/e	*****
101	0.01	6088.02	0.00	0.02	7066.32	0.00	2-3	180.00	-3.50	N/e	1.161
102	0.01	0.00	-159.16	0.02	0.51	-126086.00	2-3	342.97	-3.50	N/e	792.146
103	0.01	5136.05	0.00	0.01	7066.33	-0.00	2-3	180.00	-3.50	N/e	1.376
104	0.01	0.00	-159.95	0.01	0.51	-126086.00	2-3	342.97	-3.50	N/e	788.258
105	0.01	4584.23	0.00	0.02	7066.32	0.00	2-3	180.00	-3.50	N/e	1.541
106	0.01	0.00	-50.16	0.02	0.51	-126086.00	2-3	342.97	-3.50	N/e	*****
107	0.01	3632.26	0.00	0.01	7066.33	-0.00	2-3	180.00	-3.50	N/e	1.945
108	0.01	0.00	-50.94	0.01	0.51	-126086.00	2-3	342.97	-3.50	N/e	*****
109	0.01	4316.61	0.00	0.02	7066.32	0.00	2-3	180.00	-3.50	N/e	1.637
110	0.01	0.00	8.94	0.10	-7.27	126035.00	2-3	16.88	-3.50	N/e	*****
111	0.01	3364.64	0.00	0.02	7066.32	0.00	2-3	180.00	-3.50	N/e	2.100
112	0.01	0.00	8.16	0.10	-7.27	126035.00	2-3	16.88	-3.50	N/e	*****
113	0.01	4822.43	0.00	0.02	7066.32	0.00	2-3	180.00	-3.50	N/e	1.465
114	0.01	0.00	-46.65	0.02	0.51	-126086.00	2-3	342.97	-3.50	N/e	*****
115	0.01	3870.45	0.00	0.01	7066.33	-0.00	2-3	180.00	-3.50	N/e	1.826
116	0.01	0.00	-47.43	0.01	0.51	-126086.00	2-3	342.97	-3.50	N/e	*****

Verifiche stato limite ultimo per sollecitazioni taglianti

Caso	Ty <kN>	Tz <kN>	bw <m>	Vsdu <kN>	VRcd <kN>	VRsd <kN>
1	0.00	-37.30	10.80	37.30	12720.60	924.92
2	0.00	-14.58	10.80	14.58	12720.60	924.92
3	0.00	-37.30	10.80	37.30	12907.30	924.92
4	0.00	-14.58	10.80	14.58	12907.30	924.92
5	-73.37	0.00	5.37	5.51	20067.50	220.26
6	73.27	0.00	5.37	5.50	20067.50	220.26
7	-73.37	0.00	0.12	67.16	3985.68	16322.60
8	73.27	0.00	0.13	66.73	3997.10	16318.50
9	0.00	-35.03	10.80	35.03	12720.60	924.92
10	0.00	-16.85	10.80	16.85	12720.60	924.92
11	0.00	-35.03	10.80	35.03	12905.50	924.92
12	0.00	-16.85	10.80	16.85	12905.50	924.92
13	-71.64	0.00	5.45	5.32	20181.30	216.09
14	71.54	0.00	5.44	5.31	20142.70	215.67
15	-71.64	0.00	0.12	64.26	3862.63	16279.40
16	71.54	0.00	0.11	63.81	3510.92	16257.40
17	0.00	-19.46	10.80	19.46	12720.60	924.92
18	0.00	-32.42	10.80	32.42	12720.60	924.92
19	0.00	-19.46	10.80	19.46	12906.70	924.92
20	0.00	-32.42	10.80	32.42	12906.70	924.92
21	66.22	0.00	5.68	4.69	20402.90	199.76
22	-66.33	0.00	5.68	4.70	20402.90	199.76
23	66.22	0.00	0.10	53.83	2823.47	15490.20
24	-66.33	0.00	0.10	53.91	2823.47	15490.20
25	0.00	-17.19	10.80	17.19	12720.60	924.92
26	0.00	-34.69	10.80	34.69	12720.60	924.92
27	0.00	-17.19	10.80	17.19	12904.80	924.92
28	0.00	-34.69	10.80	34.69	12904.80	924.92
29	67.95	0.00	5.49	4.96	20142.80	210.30
30	-68.05	0.00	5.49	4.97	20142.80	210.30
31	67.95	0.00	0.10	58.85	3192.58	16080.90
32	-68.05	0.00	0.10	58.94	3192.59	16080.90
33	0.00	-57.20	10.80	57.20	12720.60	924.92
34	0.00	5.32	10.80	5.32	12720.60	924.92
35	0.00	-57.20	10.80	57.20	12778.30	924.92

Relazione di Calcolo – Ponte Torrente Gogna

36	0.00	5.32	10.80	5.32	12778.30	924.92
37	-234.37	0.00	1.76	54.15	15909.60	1637.55
38	234.26	0.00	1.76	54.13	15909.60	1637.55
39	-234.37	0.00	0.14	75.94	1742.95	6065.62
40	234.26	0.00	0.14	75.91	1742.94	6065.62
41	0.00	-54.93	10.80	54.93	12720.60	924.92
42	0.00	3.05	10.80	3.05	12720.60	924.92
43	0.00	-54.93	10.80	54.93	12776.40	924.92
44	0.00	3.05	10.80	3.05	12776.40	924.92
45	-232.64	0.00	0.18	54.06	1624.53	4291.27
46	232.54	0.00	0.18	54.04	1624.53	4291.27
47	-232.64	0.00	0.14	75.38	1742.70	6065.62
48	232.54	0.00	0.14	75.35	1742.69	6065.62
49	0.00	-56.42	10.80	56.42	12774.20	924.92
50	0.00	4.54	10.80	4.54	12774.20	924.92
51	0.00	-56.42	10.80	56.42	12720.60	924.92
52	0.00	4.54	10.80	4.54	12720.60	924.92
53	-232.77	0.00	0.15	74.82	1841.89	6014.18
54	232.67	0.00	0.15	74.79	1841.89	6014.18
55	-232.77	0.00	0.18	54.56	1674.58	4328.51
56	232.67	0.00	0.18	54.53	1674.58	4328.51
57	0.00	-54.14	10.80	54.14	12776.10	924.92
58	0.00	2.27	10.80	2.27	12776.10	924.92
59	0.00	-54.14	10.80	54.14	12720.60	924.92
60	0.00	2.27	10.80	2.27	12720.60	924.92
61	-231.05	0.00	0.14	74.86	1742.66	6065.62
62	230.94	0.00	0.14	74.83	1742.65	6065.62
63	-231.05	0.00	0.18	53.69	1624.53	4291.27
64	230.94	0.00	0.18	53.67	1624.53	4291.27
65	0.00	-39.03	10.80	39.03	12720.60	924.92
66	0.00	-12.84	10.80	12.84	12720.60	924.92
67	0.00	-39.03	10.80	39.03	12779.70	924.92
68	0.00	-12.84	10.80	12.84	12779.70	924.92
69	-73.52	0.00	2.61	11.43	16904.50	789.50
70	73.42	0.00	2.61	11.42	16904.50	789.50
71	-73.52	0.00	0.12	31.07	1886.76	8076.62
72	73.42	0.00	0.12	31.03	1886.75	8076.62
73	0.00	-21.19	10.80	21.19	12720.60	924.92
74	0.00	-30.68	10.80	30.68	12720.60	924.92
75	0.00	-21.19	10.80	21.19	12779.00	924.92
76	0.00	-30.68	10.80	30.68	12779.00	924.92
77	66.07	0.00	2.70	9.85	16864.00	731.58
78	-66.17	0.00	2.72	9.89	17010.90	734.57
79	66.07	0.00	0.12	29.06	1998.28	8434.69
80	-66.17	0.00	0.12	29.11	1998.28	8434.69
81	0.00	-38.25	10.80	38.25	12772.80	924.92
82	0.00	-13.63	10.80	13.63	12772.80	924.92
83	0.00	-38.25	10.80	38.25	12720.60	924.92
84	0.00	-13.63	10.80	13.63	12720.60	924.92
85	-71.93	0.00	0.13	29.15	1905.66	7716.88
86	71.82	0.00	0.13	29.11	1905.66	7716.88
87	-71.93	0.00	2.47	11.77	16633.30	865.68
88	71.82	0.00	2.47	11.75	16633.30	865.68
89	0.00	-20.41	10.80	20.41	12773.40	924.92
90	0.00	-31.47	10.80	31.47	12773.40	924.92
91	0.00	-20.41	10.80	20.41	12720.60	924.92
92	0.00	-31.47	10.80	31.47	12720.60	924.92
93	67.67	0.00	0.12	28.26	1782.99	7973.99
94	-67.77	0.00	0.12	28.31	1782.99	7973.99
95	67.67	0.00	2.56	10.66	16730.40	808.23
96	-67.77	0.00	2.56	10.67	16730.40	808.23
97	0.00	-143.60	10.80	143.60	12720.60	924.92
98	-2.46	0.00	0.15	0.72	1662.50	5450.46
99	0.00	-139.25	10.80	139.25	12720.60	924.92
100	-2.42	0.00	0.15	0.71	1662.50	5450.46
101	0.00	-285.87	10.80	285.87	12720.60	924.92
102	7.97	0.00	0.15	2.33	1662.51	5450.46
103	0.00	-281.53	10.80	281.53	12720.60	924.92
104	8.01	0.00	0.15	2.35	1662.51	5450.46
105	0.00	-109.76	10.80	109.76	12720.60	924.92
106	2.51	0.00	0.15	0.74	1662.51	5450.46
107	0.00	-105.42	10.80	105.42	12720.60	924.92
108	2.55	0.00	0.15	0.75	1662.51	5450.46
109	0.00	-145.11	10.80	145.11	12720.60	924.92
110	-0.45	0.00	0.16	0.13	1748.88	5399.44
111	0.00	-140.77	10.80	140.77	12720.60	924.92
112	-0.41	0.00	0.16	0.12	1748.88	5399.44
113	0.00	-113.39	10.80	113.39	12720.60	924.92
114	2.34	0.00	0.15	0.68	1662.51	5450.46

Relazione di Calcolo - Ponte Torrente Gogna

115	0.00	-109.05	10.80	109.05	12720.60	924.92
116	2.38	0.00	0.15	0.70	1662.51	5450.46

Verifiche stato limite d'esercizio

Caso	N <kN>	Mz <kNm>	My <kNm>	AfT <cmq>	AfC <cmq>	σ_c <kN/mq>	σ_f <kN/mq>
117	0.01	0.00	3171.57	562.78	281.39	8908.93	178021.00
118	0.01	36.33	0.00	568.09	276.08	6.27	188.30
119	0.01	0.00	4439.13	562.78	281.39	12469.50	249170.00
120	0.01	-117.96	0.00	568.09	276.08	20.37	611.13
121	0.01	0.00	3325.21	562.78	281.39	9340.51	186645.00
122	0.01	-37.21	0.00	568.09	276.08	6.43	192.87
123	0.01	0.00	3126.97	562.78	281.39	8783.66	175518.00
124	0.01	6.57	0.00	568.09	276.08	1.13	34.14
125	0.01	0.00	3501.65	562.78	281.39	9836.13	196549.00
126	0.01	-34.61	0.00	568.09	276.08	5.98	179.39
127	0.00	0.00	2407.95	562.78	281.39	6763.91	
128	0.00	1.04	0.00	578.71	265.46	0.18	
129	0.00	0.00	2407.95	562.78	281.39	6763.91	
130	0.00	1.04	0.00	578.71	265.46	0.18	
131	0.00	0.00	2407.95	562.78	281.39	6763.91	
132	0.00	1.04	0.00	578.71	265.46	0.18	
133	0.00	0.00	2407.95	562.78	281.39	6763.91	
134	0.00	1.04	0.00	578.71	265.46	0.18	
135	0.00	0.00	2407.95	562.78	281.39	6763.91	
136	0.00	1.04	0.00	578.71	265.46	0.18	

Verifiche stato limite di formazione delle fessure

Caso	N <kN>	My <kNm>	Mz <kNm>	C <mm>	S <mm>	K3	S _{rm} <mm>	Φ	A _s <cmq>	A _{c eff} <cmq>	σ_s <kN/mq>	σ_{sr} <kN/mq>	ϵ_{sm}	Wk <mm>
127	0.00	2407.95	0.00	46.00	100.77	0.13	171.23	26.00	562.78	25576.10	135159.00	85906.80	0.52	0.15
128	0.00	0.00	1.04	46.00	205.42	0.13	207.30	26.00	515.00	29400.20	5.48	169897.00	0.00	0.00
129	0.00	2407.95	0.00	46.00	100.77	0.13	171.23	26.00	562.78	25576.10	135159.00	85906.80	0.52	0.15
130	0.00	0.00	1.04	46.00	205.42	0.13	207.30	26.00	515.00	29400.20	5.48	169897.00	0.00	0.00
131	0.00	2407.95	0.00	46.00	100.77	0.13	171.23	26.00	562.78	25576.10	135159.00	85906.80	0.52	0.15
132	0.00	0.00	1.04	46.00	205.42	0.13	207.30	26.00	515.00	29400.20	5.48	169897.00	0.00	0.00
133	0.00	2407.95	0.00	46.00	100.77	0.13	171.23	26.00	562.78	25576.10	135159.00	85906.80	0.52	0.15
134	0.00	0.00	1.04	46.00	205.42	0.13	207.30	26.00	515.00	29400.20	5.48	169897.00	0.00	0.00
135	0.00	2407.95	0.00	46.00	100.77	0.13	171.23	26.00	562.78	25576.10	135159.00	85906.80	0.52	0.15
136	0.00	0.00	1.04	46.00	205.42	0.13	207.30	26.00	515.00	29400.20	5.48	169897.00	0.00	0.00
137	0.01	2865.06	0.00	46.00	100.77	0.13	171.23	26.00	562.78	25576.10	160817.00	85906.80	0.67	0.19
138	0.01	0.00	27.27	46.00	205.42	0.13	207.30	26.00	515.00	29400.20	141.33	168878.00	0.00	0.00
139	0.01	3815.73	0.00	46.00	100.77	0.13	171.23	26.00	562.78	25576.10	214178.00	85906.80	0.96	0.28
140	0.01	0.00	-88.45	46.00	205.42	0.13	207.30	26.00	515.00	29400.60	458.28	168848.00	0.00	0.00
141	0.01	2980.29	0.00	46.00	100.77	0.13	171.23	26.00	562.78	25576.10	167285.00	85906.80	0.70	0.21
142	0.01	0.00	-27.89	46.00	205.42	0.13	207.30	26.00	515.00	29400.60	144.58	168877.00	0.00	0.00
143	0.01	2831.61	0.00	46.00	100.77	0.13	171.23	26.00	562.78	25576.10	158940.00	85906.80	0.66	0.19
144	0.01	0.00	4.94	46.00	205.42	0.13	207.30	26.00	515.00	29400.20	25.71	169113.00	0.00	0.00
145	0.00	3112.62	0.00	46.00	100.77	0.13	171.23	26.00	562.78	25576.10	174713.00	85906.80	0.75	0.22
146	0.00	0.00	-25.94	46.00	205.42	0.13	207.30	26.00	515.00	29400.60	134.47	168880.00	0.00	0.00

Verifiche principali

Caso	Tipo
39	SLU Taglio - min sic. c.a.
101	SLU N cost - min sic., SLU Taglio - min sic. acciaio
119	C.Rare - Sc min (max compr.), C.Rare - Sf max (max traz.), C.Rare - Sf min (max compr.)
124	C.Rare - Sc max (min compr.)
127	C.Q.Per. - Sc min (max compr.), C.Q.Per. - Sf max (max traz.), C.Q.Per. - Sf min (max compr.), C.Q.Per. - Wk Max
128	C.Q.Per. - Sc max (min compr.)
139	C.Freq - Wk Max

Elementi bidimensionali (nome del file: SEZ_03)

Sezione degli elementi bidimensionali n. 1

in corrispondenza dei nodi -384 -347 -424 -462 -309 -270 -500 -540 -578 -616 -655 -693 -731 -771

Verifiche stato limite ultimo per tensioni normali

Caso	N <kN>	My <kNm>	Mz <kNm>	Nu <kN>	Myu <kNm>	Mzu <kNm>	Rott.	α <grad>	ϵ_c	TS	Sic.
1	760.21	1086.34	0.00	760.21	3573.42	0.00	2-3	180.00	-3.50	N/e	3.289
2	760.21	728.29	0.00	760.21	3573.42	0.00	2-3	180.00	-3.50	N/e	4.907
3	-760.20	1086.34	0.00	-760.20	3811.79	0.00	2-3	180.00	-3.50	N/e	3.509
4	-760.20	728.29	0.00	-760.20	3811.79	0.00	2-3	180.00	-3.50	N/e	5.234
5	760.21	0.00	2654.56	760.27	0.00	91181.40	2-3	90.00	-3.50	N/e	34.349
6	760.21	0.00	-2656.20	760.27	0.00	-91181.40	2-3	270.00	-3.50	N/e	34.328
7	-760.20	0.00	2654.56	-760.20	0.00	95855.30	2-3	90.00	-3.50	N/e	36.110

Relazione di Calcolo – Ponte Torrente Gogna

8	-760.20	0.00	-2656.20	-760.20	0.00	-95855.30	2-3	270.00	-3.50	N/e	36.087
9	752.38	948.29	0.00	752.38	3574.65	0.00	2-3	180.00	-3.50	N/e	3.770
10	752.38	866.34	0.00	752.38	3574.65	0.00	2-3	180.00	-3.50	N/e	4.126
11	-752.36	948.29	0.00	-752.37	3810.56	0.00	2-3	180.00	-3.50	N/e	4.018
12	-752.36	866.34	0.00	-752.37	3810.56	0.00	2-3	180.00	-3.50	N/e	4.398
13	752.38	0.00	2592.92	752.45	-0.00	91206.10	2-3	90.00	-3.50	N/e	35.175
14	752.38	0.00	-2594.55	752.45	-0.00	-91206.10	2-3	270.00	-3.50	N/e	35.153
15	-752.36	0.00	2592.92	-752.36	0.00	95831.70	2-3	90.00	-3.50	N/e	36.959
16	-752.36	0.00	-2594.55	-752.36	0.00	-95831.70	2-3	270.00	-3.50	N/e	36.936
17	757.49	1079.49	0.00	757.50	3573.85	0.00	2-3	180.00	-3.50	N/e	3.311
18	757.49	735.14	0.00	757.50	3573.85	0.00	2-3	180.00	-3.50	N/e	4.861
19	-757.48	1079.49	0.00	-757.48	3811.36	0.00	2-3	180.00	-3.50	N/e	3.531
20	-757.48	735.14	0.00	-757.48	3811.36	0.00	2-3	180.00	-3.50	N/e	5.185
21	757.49	0.00	-2516.04	757.57	-0.00	-91189.90	2-3	270.00	-3.50	N/e	36.243
22	757.49	0.00	2514.41	757.57	-0.00	91189.90	2-3	90.00	-3.50	N/e	36.267
23	-757.48	0.00	-2516.04	-757.48	-0.00	-95847.10	2-3	270.00	-3.50	N/e	38.094
24	-757.48	0.00	2514.41	-757.48	-0.00	95847.10	2-3	90.00	-3.50	N/e	38.119
25	749.66	941.43	0.00	749.66	3575.08	0.00	2-3	180.00	-3.50	N/e	3.797
26	749.66	873.20	0.00	749.66	3575.08	0.00	2-3	180.00	-3.50	N/e	4.094
27	-749.65	941.43	0.00	-749.65	3810.14	0.00	2-3	180.00	-3.50	N/e	4.047
28	-749.65	873.20	0.00	-749.65	3810.14	0.00	2-3	180.00	-3.50	N/e	4.363
29	749.66	0.00	-2577.69	749.73	-0.00	-91214.70	2-3	270.00	-3.50	N/e	35.386
30	749.66	0.00	2576.05	749.73	0.00	91214.70	2-3	90.00	-3.50	N/e	35.409
31	-749.65	0.00	-2577.69	-749.65	0.00	-95823.60	2-3	270.00	-3.50	N/e	37.174
32	-749.65	0.00	2576.05	-749.65	-0.00	95823.60	2-3	90.00	-3.50	N/e	37.198
33	234.92	1019.74	0.00	234.97	3656.10	0.00	2-3	180.00	-3.50	N/e	3.585
34	234.92	794.89	0.00	234.97	3656.10	0.00	2-3	180.00	-3.50	N/e	4.600
35	-234.91	1019.74	0.00	-234.92	3729.67	0.00	2-3	180.00	-3.50	N/e	3.657
36	-234.91	794.89	0.00	-234.92	3729.67	0.00	2-3	180.00	-3.50	N/e	4.692
37	234.92	0.00	8659.46	234.94	0.00	92829.90	2-3	90.00	-3.50	N/e	10.720
38	234.92	0.00	-8661.10	234.94	0.00	-92829.90	2-3	270.00	-3.50	N/e	10.718
39	-234.91	0.00	8659.46	-234.91	-0.00	94270.60	2-3	90.00	-3.50	N/e	10.886
40	-234.91	0.00	-8661.10	-234.91	-0.00	-94270.60	2-3	270.00	-3.50	N/e	10.884
41	227.09	881.69	0.00	227.14	3657.33	0.00	2-3	180.00	-3.50	N/e	4.148
42	227.09	932.94	0.00	227.14	3657.33	0.00	2-3	180.00	-3.50	N/e	3.920
43	-227.08	881.69	0.00	-227.08	3728.44	0.00	2-3	180.00	-3.50	N/e	4.229
44	-227.08	932.94	0.00	-227.08	3728.44	0.00	2-3	180.00	-3.50	N/e	3.996
45	227.09	0.00	8597.81	227.11	0.00	92854.30	2-3	90.00	-3.50	N/e	10.800
46	227.09	0.00	-8599.45	227.11	0.00	-92854.30	2-3	270.00	-3.50	N/e	10.798
47	-227.08	0.00	8597.81	-227.08	0.00	94246.90	2-3	90.00	-3.50	N/e	10.962
48	-227.08	0.00	-8599.45	-227.08	-0.00	-94246.90	2-3	270.00	-3.50	N/e	10.960
49	-218.03	955.80	0.00	-218.03	3727.03	0.00	2-3	180.00	-3.50	N/e	3.899
50	-218.03	858.83	0.00	-218.03	3727.03	0.00	2-3	180.00	-3.50	N/e	4.340
51	218.04	955.80	0.00	218.10	3658.76	0.00	2-3	180.00	-3.50	N/e	3.828
52	218.04	858.83	0.00	218.10	3658.76	0.00	2-3	180.00	-3.50	N/e	4.260
53	-218.03	0.00	8635.91	-218.03	0.00	94219.60	2-3	90.00	-3.50	N/e	10.910
54	-218.03	0.00	-8637.54	-218.03	0.00	-94219.60	2-3	270.00	-3.50	N/e	10.908
55	218.04	0.00	8635.91	218.06	0.00	92882.50	2-3	90.00	-3.50	N/e	10.755
56	218.04	0.00	-8637.54	218.06	0.00	-92882.50	2-3	270.00	-3.50	N/e	10.753
57	-225.86	817.75	0.00	-225.87	3728.25	0.00	2-3	180.00	-3.50	N/e	4.559
58	-225.86	996.88	0.00	-225.87	3728.25	0.00	2-3	180.00	-3.50	N/e	3.740
59	225.88	817.75	0.00	225.92	3657.53	0.00	2-3	180.00	-3.50	N/e	4.473
60	225.88	996.88	0.00	225.92	3657.53	0.00	2-3	180.00	-3.50	N/e	3.669
61	-225.86	0.00	8574.26	-225.87	0.00	94243.30	2-3	90.00	-3.50	N/e	10.991
62	-225.86	0.00	-8575.89	-225.87	0.00	-94243.30	2-3	270.00	-3.50	N/e	10.989
63	225.88	0.00	8574.26	225.89	-0.00	92858.10	2-3	90.00	-3.50	N/e	10.830
64	225.88	0.00	-8575.89	225.89	-0.00	-92858.10	2-3	270.00	-3.50	N/e	10.828
65	240.89	1172.80	0.00	240.94	3655.16	0.00	2-3	180.00	-3.50	N/e	3.117
66	240.89	641.83	0.00	240.94	3655.16	0.00	2-3	180.00	-3.50	N/e	5.695
67	-240.88	1172.80	0.00	-240.88	3730.60	0.00	2-3	180.00	-3.50	N/e	3.181
68	-240.88	641.83	0.00	-240.88	3730.60	0.00	2-3	180.00	-3.50	N/e	5.812
69	240.89	0.00	2699.01	240.91	-0.00	92811.20	2-3	90.00	-3.50	N/e	34.387
70	240.89	0.00	-2700.65	240.91	0.00	-92811.20	2-3	270.00	-3.50	N/e	34.366
71	-240.88	0.00	2699.01	-240.88	-0.00	94288.70	2-3	90.00	-3.50	N/e	34.935
72	-240.88	0.00	-2700.65	-240.88	-0.00	-94288.70	2-3	270.00	-3.50	N/e	34.913
73	238.18	1165.94	0.00	238.23	3655.59	0.00	2-3	180.00	-3.50	N/e	3.135
74	238.18	648.69	0.00	238.23	3655.59	0.00	2-3	180.00	-3.50	N/e	5.635
75	-238.17	1165.94	0.00	-238.17	3730.18	0.00	2-3	180.00	-3.50	N/e	3.199
76	-238.17	648.69	0.00	-238.17	3730.18	0.00	2-3	180.00	-3.50	N/e	5.750
77	238.18	0.00	-2471.60	238.20	0.00	-92819.70	2-3	270.00	-3.50	N/e	37.554
78	238.18	0.00	2469.96	238.20	0.00	92819.70	2-3	90.00	-3.50	N/e	37.579
79	-238.17	0.00	-2471.60	-238.17	-0.00	-94280.50	2-3	270.00	-3.50	N/e	38.146
80	-238.17	0.00	2469.96	-238.17	-0.00	94280.50	2-3	90.00	-3.50	N/e	38.171
81	-212.06	1108.86	0.00	-212.07	3726.10	0.00	2-3	180.00	-3.50	N/e	3.360
82	-212.06	705.77	0.00	-212.07	3726.10	0.00	2-3	180.00	-3.50	N/e	5.279
83	212.07	1108.86	0.00	212.12	3659.70	0.00	2-3	180.00	-3.50	N/e	3.300
84	212.07	705.77	0.00	212.12	3659.70	0.00	2-3	180.00	-3.50	N/e	5.185
85	-212.06	0.00	2675.46	-212.07	0.00	94201.50	2-3	90.00	-3.50	N/e	35.209
86	-212.06	0.00	-2677.09	-212.07	0.00	-94201.50	2-3	270.00	-3.50	N/e	35.188

Relazione di Calcolo – Ponte Torrente Gogna

87	212.07	0.00	2675.46	212.10	0.00	92901.10	2-3	90.00	-3.50	N/e	34.724
88	212.07	0.00	-2677.09	212.10	0.00	-92901.10	2-3	270.00	-3.50	N/e	34.702
89	-214.78	1102.00	0.00	-214.78	3726.52	0.00	2-3	180.00	-3.50	N/e	3.382
90	-214.78	712.63	0.00	-214.78	3726.52	0.00	2-3	180.00	-3.50	N/e	5.229
91	214.79	1102.00	0.00	214.84	3659.27	0.00	2-3	180.00	-3.50	N/e	3.321
92	214.79	712.63	0.00	214.84	3659.27	0.00	2-3	180.00	-3.50	N/e	5.135
93	-214.78	0.00	-2495.15	-214.78	0.00	-94209.70	2-3	270.00	-3.50	N/e	37.757
94	-214.78	0.00	2493.51	-214.78	0.00	94209.70	2-3	90.00	-3.50	N/e	37.782
95	214.79	0.00	-2495.15	214.81	0.00	-92892.70	2-3	270.00	-3.50	N/e	37.229
96	214.79	0.00	2493.51	214.81	0.00	92892.70	2-3	90.00	-3.50	N/e	37.254
97	0.04	2017.69	0.00	0.04	3692.93	0.00	2-3	180.00	-3.50	N/e	1.830
98	0.04	0.00	-38.62	0.10	0.00	-93558.60	2-3	270.00	-3.50	N/e	*****
99	0.04	1638.44	0.00	0.04	3692.93	0.00	2-3	180.00	-3.50	N/e	2.254
100	0.04	0.00	-38.00	0.09	0.00	-93558.60	2-3	270.00	-3.50	N/e	*****
101	-0.10	2729.13	0.00	-0.10	3692.95	0.00	2-3	180.00	-3.50	N/e	1.353
102	-0.10	0.00	125.10	-0.10	-0.00	93559.20	2-3	90.00	-3.50	N/e	747.849
103	-0.10	2349.88	0.00	-0.11	3692.95	0.00	2-3	180.00	-3.50	N/e	1.572
104	-0.10	0.00	125.72	-0.10	0.00	93559.20	2-3	90.00	-3.50	N/e	744.178
105	-0.03	1293.32	0.00	-0.03	3692.94	0.00	2-3	180.00	-3.50	N/e	2.855
106	-0.03	0.00	39.43	-0.03	0.00	93559.00	2-3	90.00	-3.50	N/e	*****
107	-0.03	914.07	0.00	-0.03	3692.94	0.00	2-3	180.00	-3.50	N/e	4.040
108	-0.03	0.00	40.04	-0.03	0.00	93559.00	2-3	90.00	-3.50	N/e	*****
109	0.02	-595.22	0.00	0.02	-3692.93	0.00	2-3	0.00	-3.50	N/e	6.204
110	0.02	0.00	-7.03	0.06	0.00	-93558.70	2-3	270.00	-3.50	N/e	*****
111	0.01	-974.47	0.00	0.02	-3692.93	0.00	2-3	0.00	-3.50	N/e	3.790
112	0.01	0.00	-6.41	0.06	0.00	-93558.70	2-3	270.00	-3.50	N/e	*****
113	-0.02	1522.20	0.00	-0.02	3692.94	0.00	2-3	180.00	-3.50	N/e	2.426
114	-0.02	0.00	36.67	-0.03	-0.00	93559.00	2-3	90.00	-3.50	N/e	*****
115	-0.03	1142.95	0.00	-0.03	3692.94	0.00	2-3	180.00	-3.50	N/e	3.231
116	-0.03	0.00	37.28	-0.03	0.00	93559.00	2-3	90.00	-3.50	N/e	*****

Verifiche stato limite ultimo per sollecitazioni taglianti

Caso	Ty <kN>	Tz <kN>	bw <m>	Vsdu <kN>	VRcd <kN>	VRsd <kN>
1	0.00	-23.22	10.80	23.22	12720.60	693.69
2	0.00	17.32	10.80	17.32	12720.60	693.69
3	0.00	-23.22	10.80	23.22	12868.20	693.69
4	0.00	17.32	10.80	17.32	12868.20	693.69
5	5.71	0.00	0.43	5.71	14663.00	20083.50
6	-5.82	0.00	0.43	5.82	14663.00	20083.50
7	5.71	0.00	0.43	5.71	14833.10	20083.50
8	-5.82	0.00	0.43	5.82	14833.10	20083.50
9	0.00	-18.81	10.80	18.81	12720.60	693.69
10	0.00	12.90	10.80	12.90	12720.60	693.69
11	0.00	-18.81	10.80	18.81	12866.60	693.69
12	0.00	12.90	10.80	12.90	12866.60	693.69
13	4.67	0.00	0.43	4.67	14663.00	20083.50
14	-4.77	0.00	0.43	4.77	14663.00	20083.50
15	4.67	0.00	0.43	4.67	14831.40	20083.50
16	-4.77	0.00	0.43	4.77	14831.40	20083.50
17	0.00	12.01	10.80	12.01	12720.60	693.69
18	0.00	-17.91	10.80	17.91	12720.60	693.69
19	0.00	12.01	10.80	12.01	12867.60	693.69
20	0.00	-17.91	10.80	17.91	12867.60	693.69
21	0.00	0.00	0.43	0.00	14663.00	20083.50
22	-0.10	0.00	0.43	0.10	14663.00	20083.50
23	0.00	0.00	0.43	0.00	14832.50	20083.50
24	-0.10	0.00	0.43	0.10	14832.50	20083.50
25	0.00	16.43	10.80	16.43	12720.60	693.69
26	0.00	-22.33	10.80	22.33	12720.60	693.69
27	0.00	16.43	10.80	16.43	12866.10	693.69
28	0.00	-22.33	10.80	22.33	12866.10	693.69
29	-1.04	0.00	0.43	1.04	14663.00	20083.50
30	0.94	0.00	0.43	0.94	14663.00	20083.50
31	-1.04	0.00	0.43	1.04	14830.70	20083.50
32	0.94	0.00	0.43	0.94	14830.70	20083.50
33	0.00	-64.01	10.80	64.01	12720.60	693.69
34	0.00	58.11	10.80	58.11	12720.60	693.69
35	0.00	-64.01	10.80	64.01	12766.20	693.69
36	0.00	58.11	10.80	58.11	12766.20	693.69
37	10.71	0.00	0.43	10.71	14663.00	20083.50
38	-10.81	0.00	0.43	10.81	14663.00	20083.50
39	10.71	0.00	0.43	10.71	14715.60	20083.50
40	-10.81	0.00	0.43	10.81	14715.60	20083.50
41	0.00	-59.60	10.80	59.60	12720.60	693.69
42	0.00	53.69	10.80	53.69	12720.60	693.69
43	0.00	-59.60	10.80	59.60	12764.70	693.69
44	0.00	53.69	10.80	53.69	12764.70	693.69
45	9.66	0.00	0.43	9.66	14663.00	20083.50

Relazione di Calcolo – Ponte Torrente Gogna

46	-9.76	0.00	0.43	9.76	14663.00	20083.50
47	9.66	0.00	0.43	9.66	14713.80	20083.50
48	-9.76	0.00	0.43	9.76	14713.80	20083.50
49	0.00	-63.75	10.80	63.75	12762.90	693.69
50	0.00	57.84	10.80	57.84	12762.90	693.69
51	0.00	-63.75	10.80	63.75	12720.60	693.69
52	0.00	57.84	10.80	57.84	12720.60	693.69
53	9.28	0.00	0.43	9.28	14711.80	20083.50
54	-9.38	0.00	0.43	9.38	14711.80	20083.50
55	9.28	0.00	0.43	9.28	14663.00	20083.50
56	-9.38	0.00	0.43	9.38	14663.00	20083.50
57	0.00	-59.33	10.80	59.33	12764.40	693.69
58	0.00	53.42	10.80	53.42	12764.40	693.69
59	0.00	-59.33	10.80	59.33	12720.60	693.69
60	0.00	53.42	10.80	53.42	12720.60	693.69
61	8.23	0.00	0.43	8.23	14713.50	20083.50
62	-8.33	0.00	0.43	8.33	14713.50	20083.50
63	8.23	0.00	0.43	8.23	14663.00	20083.50
64	-8.33	0.00	0.43	8.33	14663.00	20083.50
65	0.00	-28.06	10.80	28.06	12720.60	693.69
66	0.00	22.16	10.80	22.16	12720.60	693.69
67	0.00	-28.06	10.80	28.06	12767.40	693.69
68	0.00	22.16	10.80	22.16	12767.40	693.69
69	5.26	0.00	0.43	5.26	14663.00	20083.50
70	-5.36	0.00	0.43	5.36	14663.00	20083.50
71	5.26	0.00	0.43	5.26	14716.90	20083.50
72	-5.36	0.00	0.43	5.36	14716.90	20083.50
73	0.00	7.17	10.80	7.17	12720.60	693.69
74	0.00	-13.07	10.80	13.07	12720.60	693.69
75	0.00	7.17	10.80	7.17	12766.80	693.69
76	0.00	-13.07	10.80	13.07	12766.80	693.69
77	-0.45	0.00	0.43	0.45	14663.00	20083.50
78	0.35	0.00	0.43	0.35	14663.00	20083.50
79	-0.45	0.00	0.43	0.45	14716.30	20083.50
80	0.35	0.00	0.43	0.35	14716.30	20083.50
81	0.00	-27.80	10.80	27.80	12761.80	693.69
82	0.00	21.89	10.80	21.89	12761.80	693.69
83	0.00	-27.80	10.80	27.80	12720.60	693.69
84	0.00	21.89	10.80	21.89	12720.60	693.69
85	3.83	0.00	0.43	3.83	14710.40	20083.50
86	-3.93	0.00	0.43	3.93	14710.40	20083.50
87	3.83	0.00	0.43	3.83	14663.00	20083.50
88	-3.93	0.00	0.43	3.93	14663.00	20083.50
89	0.00	7.43	10.80	7.43	12762.30	693.69
90	0.00	-13.34	10.80	13.34	12762.30	693.69
91	0.00	7.43	10.80	7.43	12720.60	693.69
92	0.00	-13.34	10.80	13.34	12720.60	693.69
93	-1.88	0.00	0.43	1.88	14711.10	20083.50
94	1.78	0.00	0.43	1.78	14711.10	20083.50
95	-1.88	0.00	0.43	1.88	14663.00	20083.50
96	1.78	0.00	0.43	1.78	14663.00	20083.50
97	0.00	45.95	10.80	45.95	12720.60	693.69
98	-2.37	0.00	0.43	2.37	14663.00	20083.50
99	0.00	48.44	10.80	48.44	12720.60	693.69
100	-2.33	0.00	0.43	2.33	14663.00	20083.50
101	0.00	80.66	10.80	80.66	12720.60	693.69
102	7.67	0.00	0.43	7.67	14663.00	20083.50
103	0.00	83.16	10.80	83.16	12720.60	693.69
104	7.71	0.00	0.43	7.71	14663.00	20083.50
105	0.00	-44.00	10.80	44.00	12720.60	693.69
106	2.42	0.00	0.43	2.42	14663.00	20083.50
107	0.00	-41.51	10.80	41.51	12720.60	693.69
108	2.45	0.00	0.43	2.45	14663.00	20083.50
109	0.00	-296.47	10.80	296.47	12720.60	693.69
110	-0.43	0.00	0.43	0.43	14663.00	20083.50
111	0.00	-293.98	10.80	293.98	12720.60	693.69
112	-0.39	0.00	0.43	0.39	14663.00	20083.50
113	0.00	-16.19	10.80	16.19	12720.60	693.69
114	2.25	0.00	0.43	2.25	14663.00	20083.50
115	0.00	-13.69	10.80	13.69	12720.60	693.69
116	2.29	0.00	0.43	2.29	14663.00	20083.50

Verifiche stato limite d'esercizio

Caso	N <kN>	Mz <kNm>	My <kNm>	AfT <cmq>	AfC <cmq>	σ_c <kN/mq>	σ_f <kN/mq>
117	0.03	0.00	1466.50	281.39	281.39	5166.99	159869.00
118	0.03	-28.56	0.00	403.51	159.28	5.09	193.94
119	-0.07	0.00	1993.48	281.39	281.39	7023.78	217316.00
120	-0.07	92.72	0.00	403.51	159.28	16.53	625.73

Relazione di Calcolo - Ponte Torrente Gogna

121	-0.02	0.00	929.92	281.39	281.39	3276.45	101374.00
122	-0.02	29.25	0.00	403.51	159.28	5.22	197.49
123	0.01	0.00	-469.00	281.39	281.39	1652.44	51127.30
124	0.01	-5.16	0.00	403.51	159.28	0.92	35.19
125	-0.02	0.00	1099.46	281.39	281.39	3873.81	119856.00
126	-0.02	27.21	0.00	403.51	159.28	4.85	183.69
127	0.01	0.00	907.32	281.39	281.39	3196.80	
128	0.01	-0.82	0.00	403.51	159.28	0.15	
129	0.01	0.00	907.32	281.39	281.39	3196.80	
130	0.01	-0.82	0.00	403.51	159.28	0.15	
131	0.01	0.00	907.32	281.39	281.39	3196.80	
132	0.01	-0.82	0.00	403.51	159.28	0.15	
133	0.01	0.00	907.32	281.39	281.39	3196.80	
134	0.01	-0.82	0.00	403.51	159.28	0.15	
135	0.01	0.00	907.32	281.39	281.39	3196.80	
136	0.01	-0.82	0.00	403.51	159.28	0.15	

Verifiche stato limite di formazione delle fessure

Caso	N <kN>	My <kNm>	Mz <kNm>	C <mm>	S <mm>	K3	S _{rm} <mm>	Φ	A _s <cmq>	A _{c eff} <cmq>	σ _s <kN/mq>	σ _{sr} <kN/mq>	ε _{sm}	Wk <mm>
127	0.01	907.32	0.00	46.00	205.42	0.13	247.42	26.00	281.39	24747.70	98910.10	143353.00	0.19	0.08
128	0.01	0.00	-0.82	46.00	205.42	0.13	241.24	26.00	361.03	30035.50	5.66	207871.00	0.00	0.00
129	0.01	907.32	0.00	46.00	205.42	0.13	247.42	26.00	281.39	24747.70	98910.10	143353.00	0.19	0.08
130	0.01	0.00	-0.82	46.00	205.42	0.13	241.24	26.00	361.03	30035.50	5.66	207871.00	0.00	0.00
131	0.01	907.32	0.00	46.00	205.42	0.13	247.42	26.00	281.39	24747.70	98910.10	143353.00	0.19	0.08
132	0.01	0.00	-0.82	46.00	205.42	0.13	241.24	26.00	361.03	30035.50	5.66	207871.00	0.00	0.00
133	0.01	907.32	0.00	46.00	205.42	0.13	247.42	26.00	281.39	24747.70	98910.10	143353.00	0.19	0.08
134	0.01	0.00	-0.82	46.00	205.42	0.13	241.24	26.00	361.03	30035.50	5.66	207871.00	0.00	0.00
135	0.01	907.32	0.00	46.00	205.42	0.13	247.42	26.00	281.39	24747.70	98910.10	143353.00	0.19	0.08
136	0.01	0.00	-0.82	46.00	205.42	0.13	241.24	26.00	361.03	30035.50	5.66	207871.00	0.00	0.00
137	0.02	1281.17	0.00	46.00	205.42	0.13	247.42	26.00	281.39	24747.70	139666.00	143353.00	0.32	0.13
138	0.02	0.00	-21.43	46.00	205.42	0.13	241.24	26.00	361.03	30035.50	145.57	206071.00	0.00	0.00
139	-0.05	1676.41	0.00	46.00	205.42	0.13	247.42	26.00	281.39	24747.70	182751.00	143352.00	0.61	0.26
140	-0.05	0.00	69.52	46.00	205.42	0.13	241.24	26.00	361.03	30035.80	469.24	205463.00	0.00	0.00
141	-0.01	878.74	0.00	46.00	205.42	0.13	247.42	26.00	281.39	24747.70	95794.30	143352.00	0.19	0.08
142	-0.01	0.00	21.92	46.00	205.42	0.13	241.24	26.00	361.03	30035.80	148.05	205513.00	0.00	0.00
143	0.01	-170.45	0.00	46.00	205.42	0.13	247.42	26.00	281.39	24747.70	18581.80	143353.00	0.04	0.02
144	0.01	0.00	-3.89	46.00	205.42	0.13	241.24	26.00	361.03	30035.50	26.51	206501.00	0.00	0.00
145	-0.01	1005.89	0.00	46.00	205.42	0.13	247.42	26.00	281.39	24747.70	109656.00	143352.00	0.21	0.09
146	-0.01	0.00	20.39	46.00	205.42	0.13	241.24	26.00	361.03	30035.80	137.70	205518.00	0.00	0.00

Verifiche principali

Caso	Tipo
101	SLU N cost - min sic.
109	SLU Taglio - min sic. c.a.,SLU Taglio - min sic. acciaio
119	C.Rare - Sc min (max compr.),C.Rare - Sf max (max traz.),C.Rare - Sf min (max compr.)
124	C.Rare - Sc max (min compr.)
127	C.Q.Per. - Sc min (max compr.),C.Q.Per. - Sf max (max traz.),C.Q.Per. - Sf min (max compr.),C.Q.Per. - Wk Max
128	C.Q.Per. - Sc max (min compr.)
139	C.Freq - Wk Max

Verifiche aste in acciaio

Simbologia

Sez.	=	Numero della sezione
Cod.	=	Codice
Tipo	=	Tipologia
		2C = Doppia C lato labbri
		2Cdx = Doppia C lato costola
		2I = Doppia I
		2L = Doppia L lato labbri
		2Ldx = Doppia L lato costole
		C = C
		Cdx = C destra
		Cir. = Circolare
		Cir.c = Circolare cava
		I = I
		L = L
		Ldx = L destra
		Om. = Omega
		Pg = Pi greco
		Pr = Poligono regolare
		Prc = Poligono regolare cavo
		Pc = Per coordinate
		Ia = Inerzie assegnate
		R = Rettangolare
		Rc = Rettangolare cava
		T = T
		U = U
		Ur = U rovescia
		V = V

Relazione di Calcolo - Ponte Torrente Gogna

		Vr = V rovescia
		Z = Z
		Zdx = Z destra
		Ts = T stondata
		Ls = L stondata
		Cs = C stondata
		Is = I stondata
		Dis. = Disegnata
D	<m>	= Distanza
Area	<mq>	= Area
Anet	<mq>	= Area netta per compressione
Aeff	<mq>	= Area effettiva per trazione
Jy	<m4>	= Momento d'inerzia rispetto all'asse Y
Jz	<m4>	= Momento d'inerzia rispetto all'asse Z
Iy	<m>	= Raggio giratorio d'inerzia rispetto all'asse Y
Iz	<m>	= Raggio giratorio d'inerzia rispetto all'asse Z
Wymin	<mc>	= Modulo di resistenza minimo rispetto all'asse Y
Wzmin	<mc>	= Modulo di resistenza minimo rispetto all'asse Z
Wy,plas	<mc>	= Modulo di resistenza plastico intorno all'asse y
Wz,plas	<mc>	= Modulo di resistenza plastico intorno all'asse z
Atag,y	<mq>	= Area resistente a taglio in direz y
Atag,z	<mq>	= Area resistente a taglio in direz y
Jω	<m6>	= Costante di ingobbamento
CC		= Numero della combinazione delle condizioni di carico elementari
N,Ed	<kN>	= Forza assiale di calcolo
My,Ed	<kNm>	= Momento flettente di calcolo intorno all'asse Y
Nc,Rd	<kN>	= Resistenza a compressione
My,c,Rd	<kNm>	= Resistenza di calcolo a flessione intorno all'asse Y
Linfl		= lunghezza libera d'inflessione
αmy, αmz, αLT		= Coefficienti correttivi per il momento flettente
Lcr	<m>	= Lunghezza di libera inflessione laterale fra ritegni torsionali
α-imp		= Coefficiente di imperfezione
k _c		= Coeff. di correzione momento flettente per stabilità laterale membrane inflesse
ψ		= Coeff. di correzione momento critico per stabilità laterale membrane inflesse
M,cr	<kNm>	= Momento critico per instabilità flessione torsionale
λ _{LT}		= Coefficiente di imperfezione per stabilità laterale membrane inflesse
λ _{LT,θ}		= Coefficiente di imperfezione di confronto per stabilità laterale membrane inflesse
β _{LT}		= Coefficiente per calcolo Φ _{LT}
Φ _{LT}		= Coefficiente Φ per stabilità laterale membrane inflesse
f		= Fattore di modifica per il coefficiente di riduzione
χ _{LT}		= Coefficiente di riduzione per stabilità laterale membrane inflesse
λ _y		= Snellezza per inflessione intorno all'asse y(c)
Ncr,y	<kN>	= Sforzo normale critico euleriano per inflessione intorno all'asse y(c)
λ _y [*]		= Snellezza adimensionale per inflessione intorno all'asse y(c)
Curva		= Curva di instabilità adottata
Φ _y		= Coefficiente Φ per inflessione intorno all'asse y(c)
χ _y		= Coefficiente χ di riduzione per instabilità intorno all'asse y(c)
λ _z		= Snellezza per inflessione intorno all'asse z(e)
Ncr,z	<kN>	= Sforzo normale critico euleriano per inflessione intorno all'asse z(e)
λ _z [*]		= Snellezza adimensionale per inflessione intorno all'asse z(e)
Φ _z		= Coefficiente Φ per inflessione intorno all'asse z(e)
χ _z		= Coefficiente χ di riduzione per instabilità intorno all'asse z(e)
Kyy, Kyz, Kzy, Kzz		= Coefficienti di interazione
Xl	<m>	= Coordinata progressiva (dal nodo iniziale dell'asta) in cui viene effettuato il progetto/verifica
N	<kN>	= Sforzo normale
Tz	<kN>	= Taglio in dir. Z
My	<kNm>	= Momento flettente intorno all'asse Y
My,V,c,Rd	<kNm>	= Resistenza di calcolo a flessione ridotta per taglio intorno all'asse Y
MNy,c,Rd	<kNm>	= Resistenza di calcolo a pressoflessione intorno all'asse Y
Vc,Ed	<kN>	= Forza di taglio di calcolo
Vc,Rd	<kN>	= Resistenza a taglio
f _{Z,L}	<m>	= Freccia in direzione Z locale
f _{Z,G}	<m>	= Freccia in direzione Z globale

Caratteristiche profilati utilizzati

Sez.	Cod.	Tipo	D <m>	Area <mq>	Anet <mq>	Aeff <mq>	Jy <m4>	Jz <m4>	Iy <m>	Iz <m>	Wymin <mc>	Wzmin <mc>
5	HEB300	Is	--	0.01	0.01	0.01	0.00	0.00	0.13	0.08	0.00	0.00

Caratteristiche profilati utilizzati

Sez.	Cod.	Wy,plas <mc>	Wz,plas <mc>	Atag,y <mq>	Atag,z <mq>	Jω <m6>
5	HEB300	0.00	0.00	0.01	0.00	0.00

Asta n. 7 (7 -249) HEB300 Crit. 1

-
- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 1 - Classe 1
Sollecitazioni: N,Ed=-0.41 My,Ed=-272.04
Resistenze: Nc,Rd=5040.38 My,c,Rd=634.18 Linfl=0.35
αmy, αmz, αLT = 0.95, 0.95, 0.95
Lcr=0.35 Curva b: α-imp=0.34 k_c=0.94 ψ=1.75 M,cr=356792.00 λ_{LT}=0.04
λ_{LT,θ}=0.40 β_{LT}=0.75 Φ_{LT}=0.44 β_{LT}=0.75 f=1.00 χ_{LT}=1.00
λ_y=2.69 Ncr,y=4257960.00 λ_y^{*}=0.04 Curva b: Φ_y=0.00 χ_y=1.00
λ_z=4.62 Ncr,z=1448770.00 λ_z^{*}=0.06 Curva c: Φ_z=0.00 χ_z=1.00
Kyy, Kyz, Kzy, Kzz = 0.95, 0.57, 0.00, 0.95
Verifica YY: 0.00 + 0.41 = 0.41
Verifica ZZ: 0.00 = 0.00
 - Verifica Freccia massima per soli carichi accidentali - CC 15
f_{Z,L}=0.00 (L/5518) f_{Z,G}=0.00 (L/16777)
 - Verifica Freccia massima carichi totali - CC 15

$f_{z,l}=0.00$ (L/1858) $f_{z,g}=0.00$ (L/13467)

- Verifica a pressoflessione retta - CC 1 $X_l=0.00$ - Classe 1
Sollecitazioni: $N=-0.41$ $T_z=-777.25$ $M_y=-272.04$
 $M_y,Ed=-272.04$ $M_y,V,c,Rd=597.10$
 $M_y,Ed=-0.41$ $N_c,Rd=5040.38$ $n= N,Ed/N_c,Rd = 0.00$
 $MNy,c,Rd=597.10$ $M_y,Ed/MNy,c,Rd = 0.46$

- Verifica a taglio dir. Z (4.2.17) - CC 1 $X_l=0.00$
Sollecitazioni: $N=-0.41$ $T_z=-777.25$ $M_y=-272.04$
 $V_c,Ed=-777.25$ $V_c,Rd=925.89$ $V_c,Ed/V_c,Rd=0.84$

Asta n. 16 (16 -250) HEB300 Crit. 1

- Verifica di stabilità aste presso-inflesse (C4.2.4.1.3.3.2) - CC 1 - Classe 1
Sollecitazioni: $N,Ed=-0.41$ $M_y,Ed=278.28$
Resistenze: $N_c,Rd=5040.38$ $M_y,c,Rd=634.18$ $Linfl=0.35$
 $\alpha_{my}, \alpha_{mz}, \alpha_{LT} = 0.95, 0.95, 0.95$
 $L_{cr}=0.35$ Curva b: $\alpha_{imp}=0.34$ $k_c=0.94$ $\psi=1.75$ $M_{cr}=356792.00$ $\lambda_{LT}=0.04$
 $\lambda_{LT,\theta}=0.40$ $\beta_{LT}=0.75$ $\Phi_{LT}=0.44$ $\beta_{LT}=0.75$ $f=1.00$ $\chi_{LT}=1.00$
 $\lambda_y=2.69$ $N_{cr,y}=4257960.00$ $\lambda_y^*=0.04$ Curva b: $\Phi_y=0.00$ $\chi_y=1.00$
 $\lambda_z=4.62$ $N_{cr,z}=1448770.00$ $\lambda_z^*=0.06$ Curva c: $\Phi_z=0.00$ $\chi_z=1.00$
 $K_{yy}, K_{yz}, K_{zy}, K_{zz} = 0.95, 0.57, 0.00, 0.95$
Verifica YY: $0.00 + 0.42 = 0.42$
Verifica ZZ: $0.00 = 0.00$

- Verifica Freccia massima per soli carichi accidentali - CC 15
 $f_{z,l}=0.00$ (L/849) $f_{z,g}=0.00$ (L/2832)

- Verifica Freccia massima carichi totali - CC 30
 $f_{z,l}=0.00$ (L/682)

- Verifica a pressoflessione retta - CC 1 $X_l=0.00$ - Classe 1
Sollecitazioni: $N=-0.41$ $T_z=795.10$ $M_y=278.28$
 $M_y,Ed=278.28$ $M_y,V,c,Rd=592.77$
 $M_y,Ed=-0.41$ $N_c,Rd=5040.38$ $n= N,Ed/N_c,Rd = 0.00$
 $MNy,c,Rd=592.77$ $M_y,Ed/MNy,c,Rd = 0.47$

- Verifica a taglio dir. Z (4.2.17) - CC 1 $X_l=0.00$
Sollecitazioni: $N=-0.41$ $T_z=795.10$ $M_y=278.28$
 $V_c,Ed=795.10$ $V_c,Rd=925.89$ $V_c,Ed/V_c,Rd=0.86$

Verifiche collegamenti strutture intelaiate

Simbologia

N	<kN>	= Sforzo normale agente sul collegamento
Tz	<kN>	= Taglio in direzione Z agente sul collegamento
My	<kNm>	= Momento flettente intorno all'asse Y del collegamento
Ty _l	<kN>	= Taglio in direzione Y locale
N _l	<kN>	= Sforzo normale in direzione Z locale
Mx _l	<kNm>	= Momento flettente intorno all'asse X locale
Mz _l	<kNm>	= Momento torcente intorno all'asse Z
Fv,Ed	<kN>	= Taglio di progetto del bullone
Fv,Rd	<kN>	= Resistenza a taglio del bullone
Fb,Ed,p	<kN>	= Azione di rifollamento di progetto lato piastra
Fb,Rd,p	<kN>	= Resistenza a rifollamento lato piastra
Ft,Ed	<kN>	= Trazione di progetto del bullone
Ft,Rd	<kN>	= Resistenza a trazione del bullone
Bp,Ed,p	<kN>	= Azione di punzonamento di progetto lato piastra
Bb,Rd,p	<kN>	= Resistenza a punzonamento lato piastra
Int. V-T		= Controllo interazione taglio/trazione [4.2.65]
LT	<m>	= Lunghezza tirafondi
RT	<kN>	= Resistenza tirafondi
σ _c	<kN/mq>	= Tensione nel calcestruzzo
TP	<kN>	= Azione che genera tensione tangenziale parallela
TO	<kN>	= Azione che genera tensione tangenziale ortogonale
NO	<kN>	= Azione che genera tensione normale ortogonale
τ _p	<kN/mq>	= Tensione tangenziale parallela all'asse del cordone di saldatura
τ ₀	<kN/mq>	= Tensione tangenziale ortogonale all'asse del cordone di saldatura
σ ₀	<kN/mq>	= Tensione normale ortogonale all'asse del cordone di saldatura
σ _{TD}	<kN/mq>	= Tensione ideale nel cordone di saldatura
Σ _T	<kN/mq>	= Somma tensioni nel cordone di saldatura
Bnetta	<mm>	= Larghezza sezione al netto di eventuali fori
Hnetta	<mm>	= Altezza sezione al netto di eventuali fori
σ	<kN/mq>	= Tensione normale
τ	<kN/mq>	= Tensione tangenziale

My _l	<kNm>	=	Momento flettente intorno all'asse Y locale
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Collegamento 0007_-249

Piastra 400.00 x 450.00 s= 30.00 - 14 Tirafondi ϕ 26 - Profondità di infissione: 500.00
 4 righe ad interasse 128.00
 5 colonne ad interasse 83.00
 Altezza di gola saldature: anima 7.07- ala 14.14

Tirafondi e calcestruzzo

CC 1 SLV (Collegamento 0007_-249)

Azioni sul collegamento: N=-0.41 Tz=770.36 My=269.63

Sollecitazioni agenti localmente: Ty_l=770.36 N_l=-0.41 Mx_l=269.63 Mz_l=0.00

Taglio di progetto del bullone Fv,Ed=55.03 Resistenza a taglio del bullone Fv,Rd=127.42

Azione di rifollamento di progetto lato piastra Fb,Ed,p=55.03 Resistenza a rifollamento lato piastra Fb,Rd,p=224.27

Trazione di progetto del bullone Ft,Ed=142.90 Resistenza a trazione del bullone Ft,Rd=191.13

Azione di punzonamento di progetto lato piastra Bp,Ed,p=142.90 Resistenza a punzonamento lato piastra Bb,Rd,p=1199.74

Controllo interazione taglio/trazione [4.2.65] Int. V-T=0.97

Tirafondi: LT=0.84 (0.75) RT=163.46

Compressione nel calcestruzzo: σ_c =19075.30

CC 1 SLV (Collegamento 0007_-249)

Azioni sul collegamento: N=-0.41 Tz=770.36 My=269.63

Sollecitazioni agenti localmente: Ty_l=770.36 N_l=-0.41 Mx_l=269.63 Mz_l=0.00

Taglio di progetto del bullone Fv,Ed=55.03 Resistenza a taglio del bullone Fv,Rd=127.42

Azione di rifollamento di progetto lato piastra Fb,Ed,p=55.03 Resistenza a rifollamento lato piastra Fb,Rd,p=224.27

Trazione di progetto del bullone Ft,Ed=142.90 Resistenza a trazione del bullone Ft,Rd=191.13

Azione di punzonamento di progetto lato piastra Bp,Ed,p=142.90 Resistenza a punzonamento lato piastra Bb,Rd,p=1199.74

Controllo interazione taglio/trazione [4.2.65] Int. V-T=0.97

Tirafondi: LT=0.84 (0.75) RT=163.46

Compressione nel calcestruzzo: σ_c =19075.30

CC 1 SLV (Collegamento 0007_-249)

Azioni sul collegamento: N=-0.41 Tz=-769.78 My=-269.42

Sollecitazioni agenti localmente: Ty_l=-769.78 N_l=-0.41 Mx_l=-269.42 Mz_l=-0.00

Taglio di progetto del bullone Fv,Ed=54.98 Resistenza a taglio del bullone Fv,Rd=127.42

Azione di rifollamento di progetto lato piastra Fb,Ed,p=54.98 Resistenza a rifollamento lato piastra Fb,Rd,p=224.27

Trazione di progetto del bullone Ft,Ed=142.80 Resistenza a trazione del bullone Ft,Rd=191.13

Azione di punzonamento di progetto lato piastra Bp,Ed,p=142.80 Resistenza a punzonamento lato piastra Bb,Rd,p=1199.74

Controllo interazione taglio/trazione [4.2.65] Int. V-T=0.97

Tirafondi: LT=0.84 (0.75) RT=163.46

Compressione nel calcestruzzo: σ_c =19060.90

CC 1 SLV (Collegamento 0007_-249)

Azioni sul collegamento: N=-0.41 Tz=-769.78 My=-269.42

Sollecitazioni agenti localmente: Ty_l=-769.78 N_l=-0.41 Mx_l=-269.42 Mz_l=-0.00

Taglio di progetto del bullone Fv,Ed=54.98 Resistenza a taglio del bullone Fv,Rd=127.42

Azione di rifollamento di progetto lato piastra Fb,Ed,p=54.98 Resistenza a rifollamento lato piastra Fb,Rd,p=224.27

Trazione di progetto del bullone Ft,Ed=142.80 Resistenza a trazione del bullone Ft,Rd=191.13

Azione di punzonamento di progetto lato piastra Bp,Ed,p=142.80 Resistenza a punzonamento lato piastra Bb,Rd,p=1199.74

Controllo interazione taglio/trazione [4.2.65] Int. V-T=0.97

Tirafondi: LT=0.84 (0.75) RT=163.46

Compressione nel calcestruzzo: σ_c =19060.90

CC 1 SLV (Collegamento 0007_-249)

Azioni sul collegamento: N=-0.41 Tz=770.36 My=269.63

Sollecitazioni agenti localmente: Ty_l=770.36 N_l=-0.41 Mx_l=269.63 Mz_l=0.00

Taglio di progetto del bullone Fv,Ed=55.03 Resistenza a taglio del bullone Fv,Rd=127.42

Azione di rifollamento di progetto lato piastra Fb,Ed,p=55.03 Resistenza a rifollamento lato piastra Fb,Rd,p=224.27

Trazione di progetto del bullone Ft,Ed=142.90 Resistenza a trazione del bullone Ft,Rd=191.13

Azione di punzonamento di progetto lato piastra Bp,Ed,p=142.90 Resistenza a punzonamento lato piastra Bb,Rd,p=1199.74

Controllo interazione taglio/trazione [4.2.65] Int. V-T=0.97

Tirafondi: LT=0.84 (0.75) RT=163.46

Compressione nel calcestruzzo: σ_c =19075.30

CC 1 SLV (Collegamento 0007_-249)

Azioni sul collegamento: N=-0.41 Tz=770.36 My=269.63

Sollecitazioni agenti localmente: Ty_l=770.36 N_l=-0.41 Mx_l=269.63 Mz_l=0.00

Taglio di progetto del bullone Fv,Ed=55.03 Resistenza a taglio del bullone Fv,Rd=127.42

Azione di rifollamento di progetto lato piastra Fb,Ed,p=55.03 Resistenza a rifollamento lato piastra Fb,Rd,p=224.27

Trazione di progetto del bullone Ft,Ed=142.90 Resistenza a trazione del bullone Ft,Rd=191.13

Azione di punzonamento di progetto lato piastra Bp,Ed,p=142.90 Resistenza a punzonamento lato piastra Bb,Rd,p=1199.74

Bb,Rd,p=1199.74
 Controllo interazione taglio/trazione [4.2.65] Int. V-T=0.97
 Tirafondi:LT=0.84 (0.75) RT=163.46
 Compressione nel calcestruzzo: $\sigma_c=19075.30$
 CC 1 SLV (Collegamento 0007_-249)
 Azioni sul collegamento:N=-0.41 Tz=-769.78 My=-269.42
 Sollecitazioni agenti localmente: Ty₁=-769.78 N₁=-0.41 Mx₁=-269.42 Mz₁=-0.00
 Taglio di progetto del bullone Fv,Ed=54.98 Resistenza a taglio del bullone Fv,Rd=127.42
 Azione di rifollamento di progetto lato piastra Fb,Ed,p=54.98 Resistenza a rifollamento lato piastra Fb,Rd,p=224.27
 Trazione di progetto del bullone Ft,Ed=142.80 Resistenza a trazione del bullone Ft,Rd=191.13
 Azione di punzonamento di progetto lato piastra Bp,Ed,p=142.80 Resistenza a punzonamento lato piastra Bb,Rd,p=1199.74
 Controllo interazione taglio/trazione [4.2.65] Int. V-T=0.97
 Tirafondi:LT=0.84 (0.75) RT=163.46
 Compressione nel calcestruzzo: $\sigma_c=19060.90$
 CC 1 SLV (Collegamento 0007_-249)
 Azioni sul collegamento:N=-0.41 Tz=-769.78 My=-269.42
 Sollecitazioni agenti localmente: Ty₁=-769.78 N₁=-0.41 Mx₁=-269.42 Mz₁=-0.00
 Taglio di progetto del bullone Fv,Ed=54.98 Resistenza a taglio del bullone Fv,Rd=127.42
 Azione di rifollamento di progetto lato piastra Fb,Ed,p=54.98 Resistenza a rifollamento lato piastra Fb,Rd,p=224.27
 Trazione di progetto del bullone Ft,Ed=142.80 Resistenza a trazione del bullone Ft,Rd=191.13
 Azione di punzonamento di progetto lato piastra Bp,Ed,p=142.80 Resistenza a punzonamento lato piastra Bb,Rd,p=1199.74
 Controllo interazione taglio/trazione [4.2.65] Int. V-T=0.97
 Tirafondi:LT=0.84 (0.75) RT=163.46
 Compressione nel calcestruzzo: $\sigma_c=19060.90$
 CC 2 SLV (Collegamento 0007_-249)
 Azioni sul collegamento:N=-0.41 Tz=763.37 My=267.18
 Sollecitazioni agenti localmente: Ty₁=763.37 N₁=-0.41 Mx₁=267.18 Mz₁=0.00
 Taglio di progetto del bullone Fv,Ed=54.53 Resistenza a taglio del bullone Fv,Rd=127.42
 Azione di rifollamento di progetto lato piastra Fb,Ed,p=54.53 Resistenza a rifollamento lato piastra Fb,Rd,p=224.27
 Trazione di progetto del bullone Ft,Ed=141.61 Resistenza a trazione del bullone Ft,Rd=191.13
 Azione di punzonamento di progetto lato piastra Bp,Ed,p=141.61 Resistenza a punzonamento lato piastra Bb,Rd,p=1199.74
 Controllo interazione taglio/trazione [4.2.65] Int. V-T=0.96
 Tirafondi:LT=0.84 (0.75) RT=163.46
 Compressione nel calcestruzzo: $\sigma_c=18902.20$
 CC 2 SLV (Collegamento 0007_-249)
 Azioni sul collegamento:N=-0.41 Tz=763.37 My=267.18
 Sollecitazioni agenti localmente: Ty₁=763.37 N₁=-0.41 Mx₁=267.18 Mz₁=0.00
 Taglio di progetto del bullone Fv,Ed=54.53 Resistenza a taglio del bullone Fv,Rd=127.42
 Azione di rifollamento di progetto lato piastra Fb,Ed,p=54.53 Resistenza a rifollamento lato piastra Fb,Rd,p=224.27
 Trazione di progetto del bullone Ft,Ed=141.61 Resistenza a trazione del bullone Ft,Rd=191.13
 Azione di punzonamento di progetto lato piastra Bp,Ed,p=141.61 Resistenza a punzonamento lato piastra Bb,Rd,p=1199.74
 Controllo interazione taglio/trazione [4.2.65] Int. V-T=0.96
 Tirafondi:LT=0.84 (0.75) RT=163.46
 Compressione nel calcestruzzo: $\sigma_c=18902.20$
 CC 2 SLV (Collegamento 0007_-249)
 Azioni sul collegamento:N=-0.41 Tz=-762.79 My=-266.98
 Sollecitazioni agenti localmente: Ty₁=-762.79 N₁=-0.41 Mx₁=-266.98 Mz₁=-0.00
 Taglio di progetto del bullone Fv,Ed=54.48 Resistenza a taglio del bullone Fv,Rd=127.42
 Azione di rifollamento di progetto lato piastra Fb,Ed,p=54.48 Resistenza a rifollamento lato piastra Fb,Rd,p=224.27
 Trazione di progetto del bullone Ft,Ed=141.50 Resistenza a trazione del bullone Ft,Rd=191.13
 Azione di punzonamento di progetto lato piastra Bp,Ed,p=141.50 Resistenza a punzonamento lato piastra Bb,Rd,p=1199.74
 Controllo interazione taglio/trazione [4.2.65] Int. V-T=0.96
 Tirafondi:LT=0.84 (0.75) RT=163.46
 Compressione nel calcestruzzo: $\sigma_c=18887.80$
 CC 2 SLV (Collegamento 0007_-249)
 Azioni sul collegamento:N=-0.41 Tz=-762.79 My=-266.98
 Sollecitazioni agenti localmente: Ty₁=-762.79 N₁=-0.41 Mx₁=-266.98 Mz₁=-0.00
 Taglio di progetto del bullone Fv,Ed=54.48 Resistenza a taglio del bullone Fv,Rd=127.42
 Azione di rifollamento di progetto lato piastra Fb,Ed,p=54.48 Resistenza a rifollamento lato piastra Fb,Rd,p=224.27
 Trazione di progetto del bullone Ft,Ed=141.50 Resistenza a trazione del bullone Ft,Rd=191.13
 Azione di punzonamento di progetto lato piastra Bp,Ed,p=141.50 Resistenza a punzonamento lato piastra Bb,Rd,p=1199.74
 Controllo interazione taglio/trazione [4.2.65] Int. V-T=0.96
 Tirafondi:LT=0.84 (0.75) RT=163.46
 Compressione nel calcestruzzo: $\sigma_c=18887.80$
 CC 2 SLV (Collegamento 0007_-249)
 Azioni sul collegamento:N=-0.41 Tz=763.37 My=267.18
 Sollecitazioni agenti localmente: Ty₁=763.37 N₁=-0.41 Mx₁=267.18 Mz₁=0.00
 Taglio di progetto del bullone Fv,Ed=54.53 Resistenza a taglio del bullone Fv,Rd=127.42
 Azione di rifollamento di progetto lato piastra Fb,Ed,p=54.53 Resistenza a rifollamento lato piastra

Fb,Rd,p=224.27
 Trazione di progetto del bullone Ft,Ed=141.61 Resistenza a trazione del bullone Ft,Rd=191.13
 Azione di punzonamento di progetto lato piastra Bp,Ed,p=141.61 Resistenza a punzonamento lato piastra Bb,Rd,p=1199.74
 Controllo interazione taglio/trazione [4.2.65] Int. V-T=0.96
 Tirafondi:LT=0.84 (0.75) RT=163.46
 Compressione nel calcestruzzo: $\sigma_c=18902.20$
 CC 2 SLV (Collegamento 0007_-249)
 Azioni sul collegamento:N=-0.41 Tz=763.37 My=267.18
 Sollecitazioni agenti localmente: Ty₁=763.37 N₁=-0.41 Mx₁=267.18 Mz₁=0.00
 Taglio di progetto del bullone Fv,Ed=54.53 Resistenza a taglio del bullone Fv,Rd=127.42
 Azione di rifollamento di progetto lato piastra Fb,Ed,p=54.53 Resistenza a rifollamento lato piastra Fb,Rd,p=224.27
 Trazione di progetto del bullone Ft,Ed=141.61 Resistenza a trazione del bullone Ft,Rd=191.13
 Azione di punzonamento di progetto lato piastra Bp,Ed,p=141.61 Resistenza a punzonamento lato piastra Bb,Rd,p=1199.74
 Controllo interazione taglio/trazione [4.2.65] Int. V-T=0.96
 Tirafondi:LT=0.84 (0.75) RT=163.46
 Compressione nel calcestruzzo: $\sigma_c=18902.20$
 CC 2 SLV (Collegamento 0007_-249)
 Azioni sul collegamento:N=-0.41 Tz=-762.79 My=-266.98
 Sollecitazioni agenti localmente: Ty₁=-762.79 N₁=-0.41 Mx₁=-266.98 Mz₁=-0.00
 Taglio di progetto del bullone Fv,Ed=54.48 Resistenza a taglio del bullone Fv,Rd=127.42
 Azione di rifollamento di progetto lato piastra Fb,Ed,p=54.48 Resistenza a rifollamento lato piastra Fb,Rd,p=224.27
 Trazione di progetto del bullone Ft,Ed=141.50 Resistenza a trazione del bullone Ft,Rd=191.13
 Azione di punzonamento di progetto lato piastra Bp,Ed,p=141.50 Resistenza a punzonamento lato piastra Bb,Rd,p=1199.74
 Controllo interazione taglio/trazione [4.2.65] Int. V-T=0.96
 Tirafondi:LT=0.84 (0.75) RT=163.46
 Compressione nel calcestruzzo: $\sigma_c=18887.80$
 CC 2 SLV (Collegamento 0007_-249)
 Azioni sul collegamento:N=-0.41 Tz=-762.79 My=-266.98
 Sollecitazioni agenti localmente: Ty₁=-762.79 N₁=-0.41 Mx₁=-266.98 Mz₁=-0.00
 Taglio di progetto del bullone Fv,Ed=54.48 Resistenza a taglio del bullone Fv,Rd=127.42
 Azione di rifollamento di progetto lato piastra Fb,Ed,p=54.48 Resistenza a rifollamento lato piastra Fb,Rd,p=224.27
 Trazione di progetto del bullone Ft,Ed=141.50 Resistenza a trazione del bullone Ft,Rd=191.13
 Azione di punzonamento di progetto lato piastra Bp,Ed,p=141.50 Resistenza a punzonamento lato piastra Bb,Rd,p=1199.74
 Controllo interazione taglio/trazione [4.2.65] Int. V-T=0.96
 Tirafondi:LT=0.84 (0.75) RT=163.46
 Compressione nel calcestruzzo: $\sigma_c=18887.80$
 CC 3 SLV (Collegamento 0007_-249)
 Azioni sul collegamento:N=-0.41 Tz=765.52 My=267.93
 Sollecitazioni agenti localmente: Ty₁=765.52 N₁=-0.41 Mx₁=267.93 Mz₁=0.00
 Taglio di progetto del bullone Fv,Ed=54.68 Resistenza a taglio del bullone Fv,Rd=127.42
 Azione di rifollamento di progetto lato piastra Fb,Ed,p=54.68 Resistenza a rifollamento lato piastra Fb,Rd,p=224.27
 Trazione di progetto del bullone Ft,Ed=142.01 Resistenza a trazione del bullone Ft,Rd=191.13
 Azione di punzonamento di progetto lato piastra Bp,Ed,p=142.01 Resistenza a punzonamento lato piastra Bb,Rd,p=1199.74
 Controllo interazione taglio/trazione [4.2.65] Int. V-T=0.96
 Tirafondi:LT=0.84 (0.75) RT=163.46
 Compressione nel calcestruzzo: $\sigma_c=18955.40$
 CC 3 SLV (Collegamento 0007_-249)
 Azioni sul collegamento:N=-0.41 Tz=765.52 My=267.93
 Sollecitazioni agenti localmente: Ty₁=765.52 N₁=-0.41 Mx₁=267.93 Mz₁=0.00
 Taglio di progetto del bullone Fv,Ed=54.68 Resistenza a taglio del bullone Fv,Rd=127.42
 Azione di rifollamento di progetto lato piastra Fb,Ed,p=54.68 Resistenza a rifollamento lato piastra Fb,Rd,p=224.27
 Trazione di progetto del bullone Ft,Ed=142.01 Resistenza a trazione del bullone Ft,Rd=191.13
 Azione di punzonamento di progetto lato piastra Bp,Ed,p=142.01 Resistenza a punzonamento lato piastra Bb,Rd,p=1199.74
 Controllo interazione taglio/trazione [4.2.65] Int. V-T=0.96
 Tirafondi:LT=0.84 (0.75) RT=163.46
 Compressione nel calcestruzzo: $\sigma_c=18955.40$
 CC 3 SLV (Collegamento 0007_-249)
 Azioni sul collegamento:N=-0.41 Tz=-764.94 My=-267.73
 Sollecitazioni agenti localmente: Ty₁=-764.94 N₁=-0.41 Mx₁=-267.73 Mz₁=-0.00
 Taglio di progetto del bullone Fv,Ed=54.64 Resistenza a taglio del bullone Fv,Rd=127.42
 Azione di rifollamento di progetto lato piastra Fb,Ed,p=54.64 Resistenza a rifollamento lato piastra Fb,Rd,p=224.27
 Trazione di progetto del bullone Ft,Ed=141.90 Resistenza a trazione del bullone Ft,Rd=191.13
 Azione di punzonamento di progetto lato piastra Bp,Ed,p=141.90 Resistenza a punzonamento lato piastra Bb,Rd,p=1199.74
 Controllo interazione taglio/trazione [4.2.65] Int. V-T=0.96
 Tirafondi:LT=0.84 (0.75) RT=163.46
 Compressione nel calcestruzzo: $\sigma_c=18941.00$
 CC 3 SLV (Collegamento 0007_-249)
 Azioni sul collegamento:N=-0.41 Tz=-764.94 My=-267.73

Relazione di Calcolo – Ponte Torrente Gogna

Sollecitazioni agenti localmente: $Ty_1 = -764.94$ $N_1 = -0.41$ $Mx_1 = -267.73$ $Mz_1 = -0.00$
 Taglio di progetto del bullone $F_v, Ed = 54.64$ Resistenza a taglio del bullone $F_v, Rd = 127.42$
 Azione di rifollamento di progetto lato piastra $F_b, Ed, p = 54.64$ Resistenza a rifollamento lato piastra $F_b, Rd, p = 224.27$
 Trazione di progetto del bullone $F_t, Ed = 141.90$ Resistenza a trazione del bullone $F_t, Rd = 191.13$
 Azione di punzonamento di progetto lato piastra $B_p, Ed, p = 141.90$ Resistenza a punzonamento lato piastra $B_b, Rd, p = 1199.74$
 Controllo interazione taglio/trazione [4.2.65] Int. $V-T = 0.96$
 Tirafondi: $LT = 0.84$ (0.75) $RT = 163.46$
 Compressione nel calcestruzzo: $\sigma_c = 18941.00$
 CC 3 SLV (Collegamento 0007_-249)
 Azioni sul collegamento: $N = -0.41$ $T_z = 765.52$ $M_y = 267.93$
 Sollecitazioni agenti localmente: $Ty_1 = 765.52$ $N_1 = -0.41$ $Mx_1 = 267.93$ $Mz_1 = 0.00$
 Taglio di progetto del bullone $F_v, Ed = 54.68$ Resistenza a taglio del bullone $F_v, Rd = 127.42$
 Azione di rifollamento di progetto lato piastra $F_b, Ed, p = 54.68$ Resistenza a rifollamento lato piastra $F_b, Rd, p = 224.27$
 Trazione di progetto del bullone $F_t, Ed = 142.01$ Resistenza a trazione del bullone $F_t, Rd = 191.13$
 Azione di punzonamento di progetto lato piastra $B_p, Ed, p = 142.01$ Resistenza a punzonamento lato piastra $B_b, Rd, p = 1199.74$
 Controllo interazione taglio/trazione [4.2.65] Int. $V-T = 0.96$
 Tirafondi: $LT = 0.84$ (0.75) $RT = 163.46$
 Compressione nel calcestruzzo: $\sigma_c = 18955.40$
 CC 3 SLV (Collegamento 0007_-249)
 Azioni sul collegamento: $N = -0.41$ $T_z = 765.52$ $M_y = 267.93$
 Sollecitazioni agenti localmente: $Ty_1 = 765.52$ $N_1 = -0.41$ $Mx_1 = 267.93$ $Mz_1 = 0.00$
 Taglio di progetto del bullone $F_v, Ed = 54.68$ Resistenza a taglio del bullone $F_v, Rd = 127.42$
 Azione di rifollamento di progetto lato piastra $F_b, Ed, p = 54.68$ Resistenza a rifollamento lato piastra $F_b, Rd, p = 224.27$
 Trazione di progetto del bullone $F_t, Ed = 142.01$ Resistenza a trazione del bullone $F_t, Rd = 191.13$
 Azione di punzonamento di progetto lato piastra $B_p, Ed, p = 142.01$ Resistenza a punzonamento lato piastra $B_b, Rd, p = 1199.74$
 Controllo interazione taglio/trazione [4.2.65] Int. $V-T = 0.96$
 Tirafondi: $LT = 0.84$ (0.75) $RT = 163.46$
 Compressione nel calcestruzzo: $\sigma_c = 18955.40$
 CC 3 SLV (Collegamento 0007_-249)
 Azioni sul collegamento: $N = -0.41$ $T_z = -764.94$ $M_y = -267.73$
 Sollecitazioni agenti localmente: $Ty_1 = -764.94$ $N_1 = -0.41$ $Mx_1 = -267.73$ $Mz_1 = -0.00$
 Taglio di progetto del bullone $F_v, Ed = 54.64$ Resistenza a taglio del bullone $F_v, Rd = 127.42$
 Azione di rifollamento di progetto lato piastra $F_b, Ed, p = 54.64$ Resistenza a rifollamento lato piastra $F_b, Rd, p = 224.27$
 Trazione di progetto del bullone $F_t, Ed = 141.90$ Resistenza a trazione del bullone $F_t, Rd = 191.13$
 Azione di punzonamento di progetto lato piastra $B_p, Ed, p = 141.90$ Resistenza a punzonamento lato piastra $B_b, Rd, p = 1199.74$
 Controllo interazione taglio/trazione [4.2.65] Int. $V-T = 0.96$
 Tirafondi: $LT = 0.84$ (0.75) $RT = 163.46$
 Compressione nel calcestruzzo: $\sigma_c = 18941.00$
 CC 3 SLV (Collegamento 0007_-249)
 Azioni sul collegamento: $N = -0.41$ $T_z = -764.94$ $M_y = -267.73$
 Sollecitazioni agenti localmente: $Ty_1 = -764.94$ $N_1 = -0.41$ $Mx_1 = -267.73$ $Mz_1 = -0.00$
 Taglio di progetto del bullone $F_v, Ed = 54.64$ Resistenza a taglio del bullone $F_v, Rd = 127.42$
 Azione di rifollamento di progetto lato piastra $F_b, Ed, p = 54.64$ Resistenza a rifollamento lato piastra $F_b, Rd, p = 224.27$
 Trazione di progetto del bullone $F_t, Ed = 141.90$ Resistenza a trazione del bullone $F_t, Rd = 191.13$
 Azione di punzonamento di progetto lato piastra $B_p, Ed, p = 141.90$ Resistenza a punzonamento lato piastra $B_b, Rd, p = 1199.74$
 Controllo interazione taglio/trazione [4.2.65] Int. $V-T = 0.96$
 Tirafondi: $LT = 0.84$ (0.75) $RT = 163.46$
 Compressione nel calcestruzzo: $\sigma_c = 18941.00$
 CC 4 SLV (Collegamento 0007_-249)
 Azioni sul collegamento: $N = -0.41$ $T_z = 758.53$ $M_y = 265.48$
 Sollecitazioni agenti localmente: $Ty_1 = 758.53$ $N_1 = -0.41$ $Mx_1 = 265.48$ $Mz_1 = 0.00$
 Taglio di progetto del bullone $F_v, Ed = 54.18$ Resistenza a taglio del bullone $F_v, Rd = 127.42$
 Azione di rifollamento di progetto lato piastra $F_b, Ed, p = 54.18$ Resistenza a rifollamento lato piastra $F_b, Rd, p = 224.27$
 Trazione di progetto del bullone $F_t, Ed = 140.71$ Resistenza a trazione del bullone $F_t, Rd = 191.13$
 Azione di punzonamento di progetto lato piastra $B_p, Ed, p = 140.71$ Resistenza a punzonamento lato piastra $B_b, Rd, p = 1199.74$
 Controllo interazione taglio/trazione [4.2.65] Int. $V-T = 0.95$
 Tirafondi: $LT = 0.84$ (0.75) $RT = 163.46$
 Compressione nel calcestruzzo: $\sigma_c = 18782.30$
 CC 4 SLV (Collegamento 0007_-249)
 Azioni sul collegamento: $N = -0.41$ $T_z = 758.53$ $M_y = 265.48$
 Sollecitazioni agenti localmente: $Ty_1 = 758.53$ $N_1 = -0.41$ $Mx_1 = 265.48$ $Mz_1 = 0.00$
 Taglio di progetto del bullone $F_v, Ed = 54.18$ Resistenza a taglio del bullone $F_v, Rd = 127.42$
 Azione di rifollamento di progetto lato piastra $F_b, Ed, p = 54.18$ Resistenza a rifollamento lato piastra $F_b, Rd, p = 224.27$
 Trazione di progetto del bullone $F_t, Ed = 140.71$ Resistenza a trazione del bullone $F_t, Rd = 191.13$
 Azione di punzonamento di progetto lato piastra $B_p, Ed, p = 140.71$ Resistenza a punzonamento lato piastra $B_b, Rd, p = 1199.74$
 Controllo interazione taglio/trazione [4.2.65] Int. $V-T = 0.95$
 Tirafondi: $LT = 0.84$ (0.75) $RT = 163.46$

Relazione di Calcolo - Ponte Torrente Gogna

Compressione nel calcestruzzo: $\sigma_c=18782.30$
 CC 4 SLV (Collegamento 0007_-249)
 Azioni sul collegamento: $N=-0.41$ $T_z=-757.95$ $M_y=-265.28$
 Sollecitazioni agenti localmente: $T_{y1}=-757.95$ $N_1=-0.41$ $M_{x1}=-265.28$ $M_{z1}=-0.00$
 Taglio di progetto del bullone Fv,Ed=54.14 Resistenza a taglio del bullone Fv,Rd=127.42
 Azione di rifollamento di progetto lato piastra Fb,Ed,p=54.14 Resistenza a rifollamento lato piastra Fb,Rd,p=224.27
 Trazione di progetto del bullone Ft,Ed=140.60 Resistenza a trazione del bullone Ft,Rd=191.13
 Azione di punzonamento di progetto lato piastra Bp,Ed,p=140.60 Resistenza a punzonamento lato piastra Bb,Rd,p=1199.74
 Controllo interazione taglio/trazione [4.2.65] Int. V-T=0.95
 Tirafondi:LT=0.84 (0.75) RT=163.46
 Compressione nel calcestruzzo: $\sigma_c=18767.90$
 CC 4 SLV (Collegamento 0007_-249)
 Azioni sul collegamento: $N=-0.41$ $T_z=-757.95$ $M_y=-265.28$
 Sollecitazioni agenti localmente: $T_{y1}=-757.95$ $N_1=-0.41$ $M_{x1}=-265.28$ $M_{z1}=-0.00$
 Taglio di progetto del bullone Fv,Ed=54.14 Resistenza a taglio del bullone Fv,Rd=127.42
 Azione di rifollamento di progetto lato piastra Fb,Ed,p=54.14 Resistenza a rifollamento lato piastra Fb,Rd,p=224.27
 Trazione di progetto del bullone Ft,Ed=140.60 Resistenza a trazione del bullone Ft,Rd=191.13
 Azione di punzonamento di progetto lato piastra Bp,Ed,p=140.60 Resistenza a punzonamento lato piastra Bb,Rd,p=1199.74
 Controllo interazione taglio/trazione [4.2.65] Int. V-T=0.95
 Tirafondi:LT=0.84 (0.75) RT=163.46
 Compressione nel calcestruzzo: $\sigma_c=18767.90$
 CC 4 SLV (Collegamento 0007_-249)
 Azioni sul collegamento: $N=-0.41$ $T_z=758.53$ $M_y=265.48$
 Sollecitazioni agenti localmente: $T_{y1}=758.53$ $N_1=-0.41$ $M_{x1}=265.48$ $M_{z1}=0.00$
 Taglio di progetto del bullone Fv,Ed=54.18 Resistenza a taglio del bullone Fv,Rd=127.42
 Azione di rifollamento di progetto lato piastra Fb,Ed,p=54.18 Resistenza a rifollamento lato piastra Fb,Rd,p=224.27
 Trazione di progetto del bullone Ft,Ed=140.71 Resistenza a trazione del bullone Ft,Rd=191.13
 Azione di punzonamento di progetto lato piastra Bp,Ed,p=140.71 Resistenza a punzonamento lato piastra Bb,Rd,p=1199.74
 Controllo interazione taglio/trazione [4.2.65] Int. V-T=0.95
 Tirafondi:LT=0.84 (0.75) RT=163.46
 Compressione nel calcestruzzo: $\sigma_c=18782.30$
 CC 4 SLV (Collegamento 0007_-249)
 Azioni sul collegamento: $N=-0.41$ $T_z=758.53$ $M_y=265.48$
 Sollecitazioni agenti localmente: $T_{y1}=758.53$ $N_1=-0.41$ $M_{x1}=265.48$ $M_{z1}=0.00$
 Taglio di progetto del bullone Fv,Ed=54.18 Resistenza a taglio del bullone Fv,Rd=127.42
 Azione di rifollamento di progetto lato piastra Fb,Ed,p=54.18 Resistenza a rifollamento lato piastra Fb,Rd,p=224.27
 Trazione di progetto del bullone Ft,Ed=140.71 Resistenza a trazione del bullone Ft,Rd=191.13
 Azione di punzonamento di progetto lato piastra Bp,Ed,p=140.71 Resistenza a punzonamento lato piastra Bb,Rd,p=1199.74
 Controllo interazione taglio/trazione [4.2.65] Int. V-T=0.95
 Tirafondi:LT=0.84 (0.75) RT=163.46
 Compressione nel calcestruzzo: $\sigma_c=18782.30$
 CC 4 SLV (Collegamento 0007_-249)
 Azioni sul collegamento: $N=-0.41$ $T_z=-757.95$ $M_y=-265.28$
 Sollecitazioni agenti localmente: $T_{y1}=-757.95$ $N_1=-0.41$ $M_{x1}=-265.28$ $M_{z1}=-0.00$
 Taglio di progetto del bullone Fv,Ed=54.14 Resistenza a taglio del bullone Fv,Rd=127.42
 Azione di rifollamento di progetto lato piastra Fb,Ed,p=54.14 Resistenza a rifollamento lato piastra Fb,Rd,p=224.27
 Trazione di progetto del bullone Ft,Ed=140.60 Resistenza a trazione del bullone Ft,Rd=191.13
 Azione di punzonamento di progetto lato piastra Bp,Ed,p=140.60 Resistenza a punzonamento lato piastra Bb,Rd,p=1199.74
 Controllo interazione taglio/trazione [4.2.65] Int. V-T=0.95
 Tirafondi:LT=0.84 (0.75) RT=163.46
 Compressione nel calcestruzzo: $\sigma_c=18767.90$
 CC 4 SLV (Collegamento 0007_-249)
 Azioni sul collegamento: $N=-0.41$ $T_z=-757.95$ $M_y=-265.28$
 Sollecitazioni agenti localmente: $T_{y1}=-757.95$ $N_1=-0.41$ $M_{x1}=-265.28$ $M_{z1}=-0.00$
 Taglio di progetto del bullone Fv,Ed=54.14 Resistenza a taglio del bullone Fv,Rd=127.42
 Azione di rifollamento di progetto lato piastra Fb,Ed,p=54.14 Resistenza a rifollamento lato piastra Fb,Rd,p=224.27
 Trazione di progetto del bullone Ft,Ed=140.60 Resistenza a trazione del bullone Ft,Rd=191.13
 Azione di punzonamento di progetto lato piastra Bp,Ed,p=140.60 Resistenza a punzonamento lato piastra Bb,Rd,p=1199.74
 Controllo interazione taglio/trazione [4.2.65] Int. V-T=0.95
 Tirafondi:LT=0.84 (0.75) RT=163.46
 Compressione nel calcestruzzo: $\sigma_c=18767.90$
 CC 5 SLV (Collegamento 0007_-249)
 Azioni sul collegamento: $N=-0.41$ $T_z=241.10$ $M_y=84.39$
 Sollecitazioni agenti localmente: $T_{y1}=241.10$ $N_1=-0.41$ $M_{x1}=84.39$ $M_{z1}=0.00$
 Taglio di progetto del bullone Fv,Ed=17.22 Resistenza a taglio del bullone Fv,Rd=127.42
 Azione di rifollamento di progetto lato piastra Fb,Ed,p=17.22 Resistenza a rifollamento lato piastra Fb,Rd,p=224.27
 Trazione di progetto del bullone Ft,Ed=44.71 Resistenza a trazione del bullone Ft,Rd=191.13
 Azione di punzonamento di progetto lato piastra Bp,Ed,p=44.71 Resistenza a punzonamento lato piastra Bb,Rd,p=1199.74

Bb,Rd,p=1199.74
 Controllo interazione taglio/trazione [4.2.65] Int. V-T=0.30
 Tirafondi:LT=0.84 (0.75) RT=163.46
 Compressione nel calcestruzzo: $\sigma_c=5971.83$
 CC 5 SLV (Collegamento 0007_-249)
 Azioni sul collegamento:N=-0.41 Tz=241.10 My=84.39
 Sollecitazioni agenti localmente: Ty₁=241.10 N₁=-0.41 Mx₁=84.39 Mz₁=0.00
 Taglio di progetto del bullone Fv,Ed=17.22 Resistenza a taglio del bullone Fv,Rd=127.42
 Azione di rifollamento di progetto lato piastra Fb,Ed,p=17.22 Resistenza a rifollamento lato piastra Fb,Rd,p=224.27
 Trazione di progetto del bullone Ft,Ed=44.71 Resistenza a trazione del bullone Ft,Rd=191.13
 Azione di punzonamento di progetto lato piastra Bp,Ed,p=44.71 Resistenza a punzonamento lato piastra Bb,Rd,p=1199.74
 Controllo interazione taglio/trazione [4.2.65] Int. V-T=0.30
 Tirafondi:LT=0.84 (0.75) RT=163.46
 Compressione nel calcestruzzo: $\sigma_c=5971.83$
 CC 5 SLV (Collegamento 0007_-249)
 Azioni sul collegamento:N=-0.41 Tz=-240.52 My=-84.18
 Sollecitazioni agenti localmente: Ty₁=-240.52 N₁=-0.41 Mx₁=-84.18 Mz₁=-0.00
 Taglio di progetto del bullone Fv,Ed=17.18 Resistenza a taglio del bullone Fv,Rd=127.42
 Azione di rifollamento di progetto lato piastra Fb,Ed,p=17.18 Resistenza a rifollamento lato piastra Fb,Rd,p=224.27
 Trazione di progetto del bullone Ft,Ed=44.60 Resistenza a trazione del bullone Ft,Rd=191.13
 Azione di punzonamento di progetto lato piastra Bp,Ed,p=44.60 Resistenza a punzonamento lato piastra Bb,Rd,p=1199.74
 Controllo interazione taglio/trazione [4.2.65] Int. V-T=0.30
 Tirafondi:LT=0.84 (0.75) RT=163.46
 Compressione nel calcestruzzo: $\sigma_c=5957.46$
 CC 5 SLV (Collegamento 0007_-249)
 Azioni sul collegamento:N=-0.41 Tz=-240.52 My=-84.18
 Sollecitazioni agenti localmente: Ty₁=-240.52 N₁=-0.41 Mx₁=-84.18 Mz₁=-0.00
 Taglio di progetto del bullone Fv,Ed=17.18 Resistenza a taglio del bullone Fv,Rd=127.42
 Azione di rifollamento di progetto lato piastra Fb,Ed,p=17.18 Resistenza a rifollamento lato piastra Fb,Rd,p=224.27
 Trazione di progetto del bullone Ft,Ed=44.60 Resistenza a trazione del bullone Ft,Rd=191.13
 Azione di punzonamento di progetto lato piastra Bp,Ed,p=44.60 Resistenza a punzonamento lato piastra Bb,Rd,p=1199.74
 Controllo interazione taglio/trazione [4.2.65] Int. V-T=0.30
 Tirafondi:LT=0.84 (0.75) RT=163.46
 Compressione nel calcestruzzo: $\sigma_c=5957.46$
 CC 5 SLV (Collegamento 0007_-249)
 Azioni sul collegamento:N=-0.41 Tz=241.10 My=84.39
 Sollecitazioni agenti localmente: Ty₁=241.10 N₁=-0.41 Mx₁=84.39 Mz₁=0.00
 Taglio di progetto del bullone Fv,Ed=17.22 Resistenza a taglio del bullone Fv,Rd=127.42
 Azione di rifollamento di progetto lato piastra Fb,Ed,p=17.22 Resistenza a rifollamento lato piastra Fb,Rd,p=224.27
 Trazione di progetto del bullone Ft,Ed=44.71 Resistenza a trazione del bullone Ft,Rd=191.13
 Azione di punzonamento di progetto lato piastra Bp,Ed,p=44.71 Resistenza a punzonamento lato piastra Bb,Rd,p=1199.74
 Controllo interazione taglio/trazione [4.2.65] Int. V-T=0.30
 Tirafondi:LT=0.84 (0.75) RT=163.46
 Compressione nel calcestruzzo: $\sigma_c=5971.83$
 CC 5 SLV (Collegamento 0007_-249)
 Azioni sul collegamento:N=-0.41 Tz=241.10 My=84.39
 Sollecitazioni agenti localmente: Ty₁=241.10 N₁=-0.41 Mx₁=84.39 Mz₁=0.00
 Taglio di progetto del bullone Fv,Ed=17.22 Resistenza a taglio del bullone Fv,Rd=127.42
 Azione di rifollamento di progetto lato piastra Fb,Ed,p=17.22 Resistenza a rifollamento lato piastra Fb,Rd,p=224.27
 Trazione di progetto del bullone Ft,Ed=44.71 Resistenza a trazione del bullone Ft,Rd=191.13
 Azione di punzonamento di progetto lato piastra Bp,Ed,p=44.71 Resistenza a punzonamento lato piastra Bb,Rd,p=1199.74
 Controllo interazione taglio/trazione [4.2.65] Int. V-T=0.30
 Tirafondi:LT=0.84 (0.75) RT=163.46
 Compressione nel calcestruzzo: $\sigma_c=5957.46$
 CC 5 SLV (Collegamento 0007_-249)
 Azioni sul collegamento:N=-0.41 Tz=-240.52 My=-84.18
 Sollecitazioni agenti localmente: Ty₁=-240.52 N₁=-0.41 Mx₁=-84.18 Mz₁=-0.00
 Taglio di progetto del bullone Fv,Ed=17.18 Resistenza a taglio del bullone Fv,Rd=127.42
 Azione di rifollamento di progetto lato piastra Fb,Ed,p=17.18 Resistenza a rifollamento lato piastra Fb,Rd,p=224.27
 Trazione di progetto del bullone Ft,Ed=44.60 Resistenza a trazione del bullone Ft,Rd=191.13
 Azione di punzonamento di progetto lato piastra Bp,Ed,p=44.60 Resistenza a punzonamento lato piastra Bb,Rd,p=1199.74
 Controllo interazione taglio/trazione [4.2.65] Int. V-T=0.30
 Tirafondi:LT=0.84 (0.75) RT=163.46
 Compressione nel calcestruzzo: $\sigma_c=5957.46$
 CC 5 SLV (Collegamento 0007_-249)
 Azioni sul collegamento:N=-0.41 Tz=-240.52 My=-84.18
 Sollecitazioni agenti localmente: Ty₁=-240.52 N₁=-0.41 Mx₁=-84.18 Mz₁=-0.00
 Taglio di progetto del bullone Fv,Ed=17.18 Resistenza a taglio del bullone Fv,Rd=127.42
 Azione di rifollamento di progetto lato piastra Fb,Ed,p=17.18 Resistenza a rifollamento lato piastra Fb,Rd,p=224.27

Fb,Rd,p=224.27
 Trazione di progetto del bullone Ft,Ed=44.60 Resistenza a trazione del bullone Ft,Rd=191.13
 Azione di punzonamento di progetto lato piastra Bp,Ed,p=44.60 Resistenza a punzonamento lato piastra Bb,Rd,p=1199.74
 Controllo interazione taglio/trazione [4.2.65] Int. V-T=0.30
 Tirafondi:LT=0.84 (0.75) RT=163.46
 Compressione nel calcestruzzo: $\sigma_c=5957.46$
 CC 6 SLV (Collegamento 0007_-249)
 Azioni sul collegamento:N=-0.41 Tz=234.11 My=81.94
 Sollecitazioni agenti localmente: Ty₁=234.11 N₁=-0.41 Mx₁=81.94 Mz₁=0.00
 Taglio di progetto del bullone Fv,Ed=16.72 Resistenza a taglio del bullone Fv,Rd=127.42
 Azione di rifollamento di progetto lato piastra Fb,Ed,p=16.72 Resistenza a rifollamento lato piastra Fb,Rd,p=224.27
 Trazione di progetto del bullone Ft,Ed=43.41 Resistenza a trazione del bullone Ft,Rd=191.13
 Azione di punzonamento di progetto lato piastra Bp,Ed,p=43.41 Resistenza a punzonamento lato piastra Bb,Rd,p=1199.74
 Controllo interazione taglio/trazione [4.2.65] Int. V-T=0.29
 Tirafondi:LT=0.84 (0.75) RT=163.46
 Compressione nel calcestruzzo: $\sigma_c=5798.75$
 CC 6 SLV (Collegamento 0007_-249)
 Azioni sul collegamento:N=-0.41 Tz=234.11 My=81.94
 Sollecitazioni agenti localmente: Ty₁=234.11 N₁=-0.41 Mx₁=81.94 Mz₁=0.00
 Taglio di progetto del bullone Fv,Ed=16.72 Resistenza a taglio del bullone Fv,Rd=127.42
 Azione di rifollamento di progetto lato piastra Fb,Ed,p=16.72 Resistenza a rifollamento lato piastra Fb,Rd,p=224.27
 Trazione di progetto del bullone Ft,Ed=43.41 Resistenza a trazione del bullone Ft,Rd=191.13
 Azione di punzonamento di progetto lato piastra Bp,Ed,p=43.41 Resistenza a punzonamento lato piastra Bb,Rd,p=1199.74
 Controllo interazione taglio/trazione [4.2.65] Int. V-T=0.29
 Tirafondi:LT=0.84 (0.75) RT=163.46
 Compressione nel calcestruzzo: $\sigma_c=5798.75$
 CC 6 SLV (Collegamento 0007_-249)
 Azioni sul collegamento:N=-0.41 Tz=-233.53 My=-81.74
 Sollecitazioni agenti localmente: Ty₁=-233.53 N₁=-0.41 Mx₁=-81.74 Mz₁=-0.00
 Taglio di progetto del bullone Fv,Ed=16.68 Resistenza a taglio del bullone Fv,Rd=127.42
 Azione di rifollamento di progetto lato piastra Fb,Ed,p=16.68 Resistenza a rifollamento lato piastra Fb,Rd,p=224.27
 Trazione di progetto del bullone Ft,Ed=43.30 Resistenza a trazione del bullone Ft,Rd=191.13
 Azione di punzonamento di progetto lato piastra Bp,Ed,p=43.30 Resistenza a punzonamento lato piastra Bb,Rd,p=1199.74
 Controllo interazione taglio/trazione [4.2.65] Int. V-T=0.29
 Tirafondi:LT=0.84 (0.75) RT=163.46
 Compressione nel calcestruzzo: $\sigma_c=5784.38$
 CC 6 SLV (Collegamento 0007_-249)
 Azioni sul collegamento:N=-0.41 Tz=-233.53 My=-81.74
 Sollecitazioni agenti localmente: Ty₁=-233.53 N₁=-0.41 Mx₁=-81.74 Mz₁=-0.00
 Taglio di progetto del bullone Fv,Ed=16.68 Resistenza a taglio del bullone Fv,Rd=127.42
 Azione di rifollamento di progetto lato piastra Fb,Ed,p=16.68 Resistenza a rifollamento lato piastra Fb,Rd,p=224.27
 Trazione di progetto del bullone Ft,Ed=43.30 Resistenza a trazione del bullone Ft,Rd=191.13
 Azione di punzonamento di progetto lato piastra Bp,Ed,p=43.30 Resistenza a punzonamento lato piastra Bb,Rd,p=1199.74
 Controllo interazione taglio/trazione [4.2.65] Int. V-T=0.29
 Tirafondi:LT=0.84 (0.75) RT=163.46
 Compressione nel calcestruzzo: $\sigma_c=5784.38$
 CC 6 SLV (Collegamento 0007_-249)
 Azioni sul collegamento:N=-0.41 Tz=234.11 My=81.94
 Sollecitazioni agenti localmente: Ty₁=234.11 N₁=-0.41 Mx₁=81.94 Mz₁=0.00
 Taglio di progetto del bullone Fv,Ed=16.72 Resistenza a taglio del bullone Fv,Rd=127.42
 Azione di rifollamento di progetto lato piastra Fb,Ed,p=16.72 Resistenza a rifollamento lato piastra Fb,Rd,p=224.27
 Trazione di progetto del bullone Ft,Ed=43.41 Resistenza a trazione del bullone Ft,Rd=191.13
 Azione di punzonamento di progetto lato piastra Bp,Ed,p=43.41 Resistenza a punzonamento lato piastra Bb,Rd,p=1199.74
 Controllo interazione taglio/trazione [4.2.65] Int. V-T=0.29
 Tirafondi:LT=0.84 (0.75) RT=163.46
 Compressione nel calcestruzzo: $\sigma_c=5798.75$
 CC 6 SLV (Collegamento 0007_-249)
 Azioni sul collegamento:N=-0.41 Tz=234.11 My=81.94
 Sollecitazioni agenti localmente: Ty₁=234.11 N₁=-0.41 Mx₁=81.94 Mz₁=0.00
 Taglio di progetto del bullone Fv,Ed=16.72 Resistenza a taglio del bullone Fv,Rd=127.42
 Azione di rifollamento di progetto lato piastra Fb,Ed,p=16.72 Resistenza a rifollamento lato piastra Fb,Rd,p=224.27
 Trazione di progetto del bullone Ft,Ed=43.41 Resistenza a trazione del bullone Ft,Rd=191.13
 Azione di punzonamento di progetto lato piastra Bp,Ed,p=43.41 Resistenza a punzonamento lato piastra Bb,Rd,p=1199.74
 Controllo interazione taglio/trazione [4.2.65] Int. V-T=0.29
 Tirafondi:LT=0.84 (0.75) RT=163.46
 Compressione nel calcestruzzo: $\sigma_c=5798.75$
 CC 6 SLV (Collegamento 0007_-249)
 Azioni sul collegamento:N=-0.41 Tz=-233.53 My=-81.74

Relazione di Calcolo – Ponte Torrente Gogna

Sollecitazioni agenti localmente: $T_{y1}=-233.53$ $N_1=-0.41$ $M_{x1}=-81.74$ $M_{z1}=-0.00$
 Taglio di progetto del bullone $F_v, Ed=16.68$ Resistenza a taglio del bullone $F_v, Rd=127.42$
 Azione di rifollamento di progetto lato piastra $F_b, Ed, p=16.68$ Resistenza a rifollamento lato piastra $F_b, Rd, p=224.27$
 Trazione di progetto del bullone $F_t, Ed=43.30$ Resistenza a trazione del bullone $F_t, Rd=191.13$
 Azione di punzonamento di progetto lato piastra $B_p, Ed, p=43.30$ Resistenza a punzonamento lato piastra $B_b, Rd, p=1199.74$
 Controllo interazione taglio/trazione [4.2.65] Int. $V-T=0.29$
 Tirafondi: $LT=0.84$ (0.75) $RT=163.46$
 Compressione nel calcestruzzo: $\sigma_c=5784.38$
 CC 6 SLV (Collegamento 0007_-249)
 Azioni sul collegamento: $N=-0.41$ $T_z=-233.53$ $M_y=-81.74$
 Sollecitazioni agenti localmente: $T_{y1}=-233.53$ $N_1=-0.41$ $M_{x1}=-81.74$ $M_{z1}=-0.00$
 Taglio di progetto del bullone $F_v, Ed=16.68$ Resistenza a taglio del bullone $F_v, Rd=127.42$
 Azione di rifollamento di progetto lato piastra $F_b, Ed, p=16.68$ Resistenza a rifollamento lato piastra $F_b, Rd, p=224.27$
 Trazione di progetto del bullone $F_t, Ed=43.30$ Resistenza a trazione del bullone $F_t, Rd=191.13$
 Azione di punzonamento di progetto lato piastra $B_p, Ed, p=43.30$ Resistenza a punzonamento lato piastra $B_b, Rd, p=1199.74$
 Controllo interazione taglio/trazione [4.2.65] Int. $V-T=0.29$
 Tirafondi: $LT=0.84$ (0.75) $RT=163.46$
 Compressione nel calcestruzzo: $\sigma_c=5784.38$
 CC 7 SLV (Collegamento 0007_-249)
 Azioni sul collegamento: $N=-0.41$ $T_z=-217.39$ $M_y=-76.09$
 Sollecitazioni agenti localmente: $T_{y1}=-217.39$ $N_1=-0.41$ $M_{x1}=-76.09$ $M_{z1}=-0.00$
 Taglio di progetto del bullone $F_v, Ed=15.53$ Resistenza a taglio del bullone $F_v, Rd=127.42$
 Azione di rifollamento di progetto lato piastra $F_b, Ed, p=15.53$ Resistenza a rifollamento lato piastra $F_b, Rd, p=224.27$
 Trazione di progetto del bullone $F_t, Ed=40.31$ Resistenza a trazione del bullone $F_t, Rd=191.13$
 Azione di punzonamento di progetto lato piastra $B_p, Ed, p=40.31$ Resistenza a punzonamento lato piastra $B_b, Rd, p=1199.74$
 Controllo interazione taglio/trazione [4.2.65] Int. $V-T=0.27$
 Tirafondi: $LT=0.84$ (0.75) $RT=163.46$
 Compressione nel calcestruzzo: $\sigma_c=5384.76$
 CC 7 SLV (Collegamento 0007_-249)
 Azioni sul collegamento: $N=-0.41$ $T_z=-217.39$ $M_y=-76.09$
 Sollecitazioni agenti localmente: $T_{y1}=-217.39$ $N_1=-0.41$ $M_{x1}=-76.09$ $M_{z1}=-0.00$
 Taglio di progetto del bullone $F_v, Ed=15.53$ Resistenza a taglio del bullone $F_v, Rd=127.42$
 Azione di rifollamento di progetto lato piastra $F_b, Ed, p=15.53$ Resistenza a rifollamento lato piastra $F_b, Rd, p=224.27$
 Trazione di progetto del bullone $F_t, Ed=40.31$ Resistenza a trazione del bullone $F_t, Rd=191.13$
 Azione di punzonamento di progetto lato piastra $B_p, Ed, p=40.31$ Resistenza a punzonamento lato piastra $B_b, Rd, p=1199.74$
 Controllo interazione taglio/trazione [4.2.65] Int. $V-T=0.27$
 Tirafondi: $LT=0.84$ (0.75) $RT=163.46$
 Compressione nel calcestruzzo: $\sigma_c=5384.76$
 CC 7 SLV (Collegamento 0007_-249)
 Azioni sul collegamento: $N=-0.41$ $T_z=217.97$ $M_y=76.29$
 Sollecitazioni agenti localmente: $T_{y1}=217.97$ $N_1=-0.41$ $M_{x1}=76.29$ $M_{z1}=0.00$
 Taglio di progetto del bullone $F_v, Ed=15.57$ Resistenza a taglio del bullone $F_v, Rd=127.42$
 Azione di rifollamento di progetto lato piastra $F_b, Ed, p=15.57$ Resistenza a rifollamento lato piastra $F_b, Rd, p=224.27$
 Trazione di progetto del bullone $F_t, Ed=40.42$ Resistenza a trazione del bullone $F_t, Rd=191.13$
 Azione di punzonamento di progetto lato piastra $B_p, Ed, p=40.42$ Resistenza a punzonamento lato piastra $B_b, Rd, p=1199.74$
 Controllo interazione taglio/trazione [4.2.65] Int. $V-T=0.27$
 Tirafondi: $LT=0.84$ (0.75) $RT=163.46$
 Compressione nel calcestruzzo: $\sigma_c=5399.13$
 CC 7 SLV (Collegamento 0007_-249)
 Azioni sul collegamento: $N=-0.41$ $T_z=217.97$ $M_y=76.29$
 Sollecitazioni agenti localmente: $T_{y1}=217.97$ $N_1=-0.41$ $M_{x1}=76.29$ $M_{z1}=0.00$
 Taglio di progetto del bullone $F_v, Ed=15.57$ Resistenza a taglio del bullone $F_v, Rd=127.42$
 Azione di rifollamento di progetto lato piastra $F_b, Ed, p=15.57$ Resistenza a rifollamento lato piastra $F_b, Rd, p=224.27$
 Trazione di progetto del bullone $F_t, Ed=40.42$ Resistenza a trazione del bullone $F_t, Rd=191.13$
 Azione di punzonamento di progetto lato piastra $B_p, Ed, p=40.42$ Resistenza a punzonamento lato piastra $B_b, Rd, p=1199.74$
 Controllo interazione taglio/trazione [4.2.65] Int. $V-T=0.27$
 Tirafondi: $LT=0.84$ (0.75) $RT=163.46$
 Compressione nel calcestruzzo: $\sigma_c=5399.13$
 CC 7 SLV (Collegamento 0007_-249)
 Azioni sul collegamento: $N=-0.41$ $T_z=-217.39$ $M_y=-76.09$
 Sollecitazioni agenti localmente: $T_{y1}=-217.39$ $N_1=-0.41$ $M_{x1}=-76.09$ $M_{z1}=-0.00$
 Taglio di progetto del bullone $F_v, Ed=15.53$ Resistenza a taglio del bullone $F_v, Rd=127.42$
 Azione di rifollamento di progetto lato piastra $F_b, Ed, p=15.53$ Resistenza a rifollamento lato piastra $F_b, Rd, p=224.27$
 Trazione di progetto del bullone $F_t, Ed=40.31$ Resistenza a trazione del bullone $F_t, Rd=191.13$
 Azione di punzonamento di progetto lato piastra $B_p, Ed, p=40.31$ Resistenza a punzonamento lato piastra $B_b, Rd, p=1199.74$
 Controllo interazione taglio/trazione [4.2.65] Int. $V-T=0.27$
 Tirafondi: $LT=0.84$ (0.75) $RT=163.46$

Compressione nel calcestruzzo: $\sigma_c=5384.76$
 CC 7 SLV (Collegamento 0007_-249)
 Azioni sul collegamento: $N=-0.41$ $T_z=-217.39$ $M_y=-76.09$
 Sollecitazioni agenti localmente: $T_{y1}=-217.39$ $N_1=-0.41$ $M_{x1}=-76.09$ $M_{z1}=-0.00$
 Taglio di progetto del bullone Fv,Ed=15.53 Resistenza a taglio del bullone Fv,Rd=127.42
 Azione di rifollamento di progetto lato piastra Fb,Ed,p=15.53 Resistenza a rifollamento lato piastra Fb,Rd,p=224.27
 Trazione di progetto del bullone Ft,Ed=40.31 Resistenza a trazione del bullone Ft,Rd=191.13
 Azione di punzonamento di progetto lato piastra Bp,Ed,p=40.31 Resistenza a punzonamento lato piastra Bb,Rd,p=1199.74
 Controllo interazione taglio/trazione [4.2.65] Int. V-T=0.27
 Tirafondi:LT=0.84 (0.75) RT=163.46
 Compressione nel calcestruzzo: $\sigma_c=5384.76$
 CC 7 SLV (Collegamento 0007_-249)
 Azioni sul collegamento: $N=-0.41$ $T_z=217.97$ $M_y=76.29$
 Sollecitazioni agenti localmente: $T_{y1}=217.97$ $N_1=-0.41$ $M_{x1}=76.29$ $M_{z1}=0.00$
 Taglio di progetto del bullone Fv,Ed=15.57 Resistenza a taglio del bullone Fv,Rd=127.42
 Azione di rifollamento di progetto lato piastra Fb,Ed,p=15.57 Resistenza a rifollamento lato piastra Fb,Rd,p=224.27
 Trazione di progetto del bullone Ft,Ed=40.42 Resistenza a trazione del bullone Ft,Rd=191.13
 Azione di punzonamento di progetto lato piastra Bp,Ed,p=40.42 Resistenza a punzonamento lato piastra Bb,Rd,p=1199.74
 Controllo interazione taglio/trazione [4.2.65] Int. V-T=0.27
 Tirafondi:LT=0.84 (0.75) RT=163.46
 Compressione nel calcestruzzo: $\sigma_c=5399.13$
 CC 7 SLV (Collegamento 0007_-249)
 Azioni sul collegamento: $N=-0.41$ $T_z=217.97$ $M_y=76.29$
 Sollecitazioni agenti localmente: $T_{y1}=217.97$ $N_1=-0.41$ $M_{x1}=76.29$ $M_{z1}=0.00$
 Taglio di progetto del bullone Fv,Ed=15.57 Resistenza a taglio del bullone Fv,Rd=127.42
 Azione di rifollamento di progetto lato piastra Fb,Ed,p=15.57 Resistenza a rifollamento lato piastra Fb,Rd,p=224.27
 Trazione di progetto del bullone Ft,Ed=40.42 Resistenza a trazione del bullone Ft,Rd=191.13
 Azione di punzonamento di progetto lato piastra Bp,Ed,p=40.42 Resistenza a punzonamento lato piastra Bb,Rd,p=1199.74
 Controllo interazione taglio/trazione [4.2.65] Int. V-T=0.27
 Tirafondi:LT=0.84 (0.75) RT=163.46
 Compressione nel calcestruzzo: $\sigma_c=5399.13$
 CC 8 SLV (Collegamento 0007_-249)
 Azioni sul collegamento: $N=-0.41$ $T_z=-224.38$ $M_y=-78.53$
 Sollecitazioni agenti localmente: $T_{y1}=-224.38$ $N_1=-0.41$ $M_{x1}=-78.53$ $M_{z1}=-0.00$
 Taglio di progetto del bullone Fv,Ed=16.03 Resistenza a taglio del bullone Fv,Rd=127.42
 Azione di rifollamento di progetto lato piastra Fb,Ed,p=16.03 Resistenza a rifollamento lato piastra Fb,Rd,p=224.27
 Trazione di progetto del bullone Ft,Ed=41.61 Resistenza a trazione del bullone Ft,Rd=191.13
 Azione di punzonamento di progetto lato piastra Bp,Ed,p=41.61 Resistenza a punzonamento lato piastra Bb,Rd,p=1199.74
 Controllo interazione taglio/trazione [4.2.65] Int. V-T=0.28
 Tirafondi:LT=0.84 (0.75) RT=163.46
 Compressione nel calcestruzzo: $\sigma_c=5557.84$
 CC 8 SLV (Collegamento 0007_-249)
 Azioni sul collegamento: $N=-0.41$ $T_z=-224.38$ $M_y=-78.53$
 Sollecitazioni agenti localmente: $T_{y1}=-224.38$ $N_1=-0.41$ $M_{x1}=-78.53$ $M_{z1}=-0.00$
 Taglio di progetto del bullone Fv,Ed=16.03 Resistenza a taglio del bullone Fv,Rd=127.42
 Azione di rifollamento di progetto lato piastra Fb,Ed,p=16.03 Resistenza a rifollamento lato piastra Fb,Rd,p=224.27
 Trazione di progetto del bullone Ft,Ed=41.61 Resistenza a trazione del bullone Ft,Rd=191.13
 Azione di punzonamento di progetto lato piastra Bp,Ed,p=41.61 Resistenza a punzonamento lato piastra Bb,Rd,p=1199.74
 Controllo interazione taglio/trazione [4.2.65] Int. V-T=0.28
 Tirafondi:LT=0.84 (0.75) RT=163.46
 Compressione nel calcestruzzo: $\sigma_c=5557.84$
 CC 8 SLV (Collegamento 0007_-249)
 Azioni sul collegamento: $N=-0.41$ $T_z=224.96$ $M_y=78.74$
 Sollecitazioni agenti localmente: $T_{y1}=224.96$ $N_1=-0.41$ $M_{x1}=78.74$ $M_{z1}=0.00$
 Taglio di progetto del bullone Fv,Ed=16.07 Resistenza a taglio del bullone Fv,Rd=127.42
 Azione di rifollamento di progetto lato piastra Fb,Ed,p=16.07 Resistenza a rifollamento lato piastra Fb,Rd,p=224.27
 Trazione di progetto del bullone Ft,Ed=41.71 Resistenza a trazione del bullone Ft,Rd=191.13
 Azione di punzonamento di progetto lato piastra Bp,Ed,p=41.71 Resistenza a punzonamento lato piastra Bb,Rd,p=1199.74
 Controllo interazione taglio/trazione [4.2.65] Int. V-T=0.28
 Tirafondi:LT=0.84 (0.75) RT=163.46
 Compressione nel calcestruzzo: $\sigma_c=5572.22$
 CC 8 SLV (Collegamento 0007_-249)
 Azioni sul collegamento: $N=-0.41$ $T_z=224.96$ $M_y=78.74$
 Sollecitazioni agenti localmente: $T_{y1}=224.96$ $N_1=-0.41$ $M_{x1}=78.74$ $M_{z1}=0.00$
 Taglio di progetto del bullone Fv,Ed=16.07 Resistenza a taglio del bullone Fv,Rd=127.42
 Azione di rifollamento di progetto lato piastra Fb,Ed,p=16.07 Resistenza a rifollamento lato piastra Fb,Rd,p=224.27
 Trazione di progetto del bullone Ft,Ed=41.71 Resistenza a trazione del bullone Ft,Rd=191.13
 Azione di punzonamento di progetto lato piastra Bp,Ed,p=41.71 Resistenza a punzonamento lato piastra Bb,Rd,p=1199.74

Bb,Rd,p=1199.74
 Controllo interazione taglio/trazione [4.2.65] Int. V-T=0.28
 Tirafondi:LT=0.84 (0.75) RT=163.46
 Compressione nel calcestruzzo: $\sigma_c=5572.22$
 CC 8 SLV (Collegamento 0007_-249)
 Azioni sul collegamento:N=-0.41 Tz=-224.38 My=-78.53
 Sollecitazioni agenti localmente: Ty₁=-224.38 N₁=-0.41 Mx₁=-78.53 Mz₁=-0.00
 Taglio di progetto del bullone Fv,Ed=16.03 Resistenza a taglio del bullone Fv,Rd=127.42
 Azione di rifollamento di progetto lato piastra Fb,Ed,p=16.03 Resistenza a rifollamento lato piastra Fb,Rd,p=224.27
 Trazione di progetto del bullone Ft,Ed=41.61 Resistenza a trazione del bullone Ft,Rd=191.13
 Azione di punzonamento di progetto lato piastra Bp,Ed,p=41.61 Resistenza a punzonamento lato piastra Bb,Rd,p=1199.74
 Controllo interazione taglio/trazione [4.2.65] Int. V-T=0.28
 Tirafondi:LT=0.84 (0.75) RT=163.46
 Compressione nel calcestruzzo: $\sigma_c=5557.84$
 CC 8 SLV (Collegamento 0007_-249)
 Azioni sul collegamento:N=-0.41 Tz=-224.38 My=-78.53
 Sollecitazioni agenti localmente: Ty₁=-224.38 N₁=-0.41 Mx₁=-78.53 Mz₁=-0.00
 Taglio di progetto del bullone Fv,Ed=16.03 Resistenza a taglio del bullone Fv,Rd=127.42
 Azione di rifollamento di progetto lato piastra Fb,Ed,p=16.03 Resistenza a rifollamento lato piastra Fb,Rd,p=224.27
 Trazione di progetto del bullone Ft,Ed=41.61 Resistenza a trazione del bullone Ft,Rd=191.13
 Azione di punzonamento di progetto lato piastra Bp,Ed,p=41.61 Resistenza a punzonamento lato piastra Bb,Rd,p=1199.74
 Controllo interazione taglio/trazione [4.2.65] Int. V-T=0.28
 Tirafondi:LT=0.84 (0.75) RT=163.46
 Compressione nel calcestruzzo: $\sigma_c=5557.84$
 CC 8 SLV (Collegamento 0007_-249)
 Azioni sul collegamento:N=-0.41 Tz=224.96 My=78.74
 Sollecitazioni agenti localmente: Ty₁=224.96 N₁=-0.41 Mx₁=78.74 Mz₁=0.00
 Taglio di progetto del bullone Fv,Ed=16.07 Resistenza a taglio del bullone Fv,Rd=127.42
 Azione di rifollamento di progetto lato piastra Fb,Ed,p=16.07 Resistenza a rifollamento lato piastra Fb,Rd,p=224.27
 Trazione di progetto del bullone Ft,Ed=41.71 Resistenza a trazione del bullone Ft,Rd=191.13
 Azione di punzonamento di progetto lato piastra Bp,Ed,p=41.71 Resistenza a punzonamento lato piastra Bb,Rd,p=1199.74
 Controllo interazione taglio/trazione [4.2.65] Int. V-T=0.28
 Tirafondi:LT=0.84 (0.75) RT=163.46
 Compressione nel calcestruzzo: $\sigma_c=5572.22$
 CC 8 SLV (Collegamento 0007_-249)
 Azioni sul collegamento:N=-0.41 Tz=224.96 My=78.74
 Sollecitazioni agenti localmente: Ty₁=224.96 N₁=-0.41 Mx₁=78.74 Mz₁=0.00
 Taglio di progetto del bullone Fv,Ed=16.07 Resistenza a taglio del bullone Fv,Rd=127.42
 Azione di rifollamento di progetto lato piastra Fb,Ed,p=16.07 Resistenza a rifollamento lato piastra Fb,Rd,p=224.27
 Trazione di progetto del bullone Ft,Ed=41.71 Resistenza a trazione del bullone Ft,Rd=191.13
 Azione di punzonamento di progetto lato piastra Bp,Ed,p=41.71 Resistenza a punzonamento lato piastra Bb,Rd,p=1199.74
 Controllo interazione taglio/trazione [4.2.65] Int. V-T=0.28
 Tirafondi:LT=0.84 (0.75) RT=163.46
 Compressione nel calcestruzzo: $\sigma_c=5572.22$
 CC 9 SLV (Collegamento 0007_-249)
 Azioni sul collegamento:N=-0.41 Tz=243.61 My=85.26
 Sollecitazioni agenti localmente: Ty₁=243.61 N₁=-0.41 Mx₁=85.26 Mz₁=0.00
 Taglio di progetto del bullone Fv,Ed=17.40 Resistenza a taglio del bullone Fv,Rd=127.42
 Azione di rifollamento di progetto lato piastra Fb,Ed,p=17.40 Resistenza a rifollamento lato piastra Fb,Rd,p=224.27
 Trazione di progetto del bullone Ft,Ed=45.17 Resistenza a trazione del bullone Ft,Rd=191.13
 Azione di punzonamento di progetto lato piastra Bp,Ed,p=45.17 Resistenza a punzonamento lato piastra Bb,Rd,p=1199.74
 Controllo interazione taglio/trazione [4.2.65] Int. V-T=0.31
 Tirafondi:LT=0.84 (0.75) RT=163.46
 Compressione nel calcestruzzo: $\sigma_c=6033.90$
 CC 9 SLV (Collegamento 0007_-249)
 Azioni sul collegamento:N=-0.41 Tz=243.61 My=85.26
 Sollecitazioni agenti localmente: Ty₁=243.61 N₁=-0.41 Mx₁=85.26 Mz₁=0.00
 Taglio di progetto del bullone Fv,Ed=17.40 Resistenza a taglio del bullone Fv,Rd=127.42
 Azione di rifollamento di progetto lato piastra Fb,Ed,p=17.40 Resistenza a rifollamento lato piastra Fb,Rd,p=224.27
 Trazione di progetto del bullone Ft,Ed=45.17 Resistenza a trazione del bullone Ft,Rd=191.13
 Azione di punzonamento di progetto lato piastra Bp,Ed,p=45.17 Resistenza a punzonamento lato piastra Bb,Rd,p=1199.74
 Controllo interazione taglio/trazione [4.2.65] Int. V-T=0.31
 Tirafondi:LT=0.84 (0.75) RT=163.46
 Compressione nel calcestruzzo: $\sigma_c=6033.90$
 CC 9 SLV (Collegamento 0007_-249)
 Azioni sul collegamento:N=-0.41 Tz=-243.03 My=-85.06
 Sollecitazioni agenti localmente: Ty₁=-243.03 N₁=-0.41 Mx₁=-85.06 Mz₁=-0.00
 Taglio di progetto del bullone Fv,Ed=17.36 Resistenza a taglio del bullone Fv,Rd=127.42
 Azione di rifollamento di progetto lato piastra Fb,Ed,p=17.36 Resistenza a rifollamento lato piastra

Fb,Rd,p=224.27
 Trazione di progetto del bullone Ft,Ed=45.07 Resistenza a trazione del bullone Ft,Rd=191.13
 Azione di punzonamento di progetto lato piastra Bp,Ed,p=45.07 Resistenza a punzonamento lato piastra Bb,Rd,p=1199.74
 Controllo interazione taglio/trazione [4.2.65] Int. V-T=0.30
 Tirafondi:LT=0.84 (0.75) RT=163.46
 Compressione nel calcestruzzo: $\sigma_c=6019.52$
 CC 9 SLV (Collegamento 0007_-249)
 Azioni sul collegamento:N=-0.41 Tz=-243.03 My=-85.06
 Sollecitazioni agenti localmente: Ty₁=-243.03 N₁=-0.41 Mx₁=-85.06 Mz₁=-0.00
 Taglio di progetto del bullone Fv,Ed=17.36 Resistenza a taglio del bullone Fv,Rd=127.42
 Azione di rifollamento di progetto lato piastra Fb,Ed,p=17.36 Resistenza a rifollamento lato piastra Fb,Rd,p=224.27
 Trazione di progetto del bullone Ft,Ed=45.07 Resistenza a trazione del bullone Ft,Rd=191.13
 Azione di punzonamento di progetto lato piastra Bp,Ed,p=45.07 Resistenza a punzonamento lato piastra Bb,Rd,p=1199.74
 Controllo interazione taglio/trazione [4.2.65] Int. V-T=0.30
 Tirafondi:LT=0.84 (0.75) RT=163.46
 Compressione nel calcestruzzo: $\sigma_c=6019.52$
 CC 9 SLV (Collegamento 0007_-249)
 Azioni sul collegamento:N=-0.41 Tz=243.61 My=85.26
 Sollecitazioni agenti localmente: Ty₁=243.61 N₁=-0.41 Mx₁=85.26 Mz₁=0.00
 Taglio di progetto del bullone Fv,Ed=17.40 Resistenza a taglio del bullone Fv,Rd=127.42
 Azione di rifollamento di progetto lato piastra Fb,Ed,p=17.40 Resistenza a rifollamento lato piastra Fb,Rd,p=224.27
 Trazione di progetto del bullone Ft,Ed=45.17 Resistenza a trazione del bullone Ft,Rd=191.13
 Azione di punzonamento di progetto lato piastra Bp,Ed,p=45.17 Resistenza a punzonamento lato piastra Bb,Rd,p=1199.74
 Controllo interazione taglio/trazione [4.2.65] Int. V-T=0.31
 Tirafondi:LT=0.84 (0.75) RT=163.46
 Compressione nel calcestruzzo: $\sigma_c=6033.90$
 CC 9 SLV (Collegamento 0007_-249)
 Azioni sul collegamento:N=-0.41 Tz=243.61 My=85.26
 Sollecitazioni agenti localmente: Ty₁=243.61 N₁=-0.41 Mx₁=85.26 Mz₁=0.00
 Taglio di progetto del bullone Fv,Ed=17.40 Resistenza a taglio del bullone Fv,Rd=127.42
 Azione di rifollamento di progetto lato piastra Fb,Ed,p=17.40 Resistenza a rifollamento lato piastra Fb,Rd,p=224.27
 Trazione di progetto del bullone Ft,Ed=45.17 Resistenza a trazione del bullone Ft,Rd=191.13
 Azione di punzonamento di progetto lato piastra Bp,Ed,p=45.17 Resistenza a punzonamento lato piastra Bb,Rd,p=1199.74
 Controllo interazione taglio/trazione [4.2.65] Int. V-T=0.31
 Tirafondi:LT=0.84 (0.75) RT=163.46
 Compressione nel calcestruzzo: $\sigma_c=6033.90$
 CC 9 SLV (Collegamento 0007_-249)
 Azioni sul collegamento:N=-0.41 Tz=-243.03 My=-85.06
 Sollecitazioni agenti localmente: Ty₁=-243.03 N₁=-0.41 Mx₁=-85.06 Mz₁=-0.00
 Taglio di progetto del bullone Fv,Ed=17.36 Resistenza a taglio del bullone Fv,Rd=127.42
 Azione di rifollamento di progetto lato piastra Fb,Ed,p=17.36 Resistenza a rifollamento lato piastra Fb,Rd,p=224.27
 Trazione di progetto del bullone Ft,Ed=45.07 Resistenza a trazione del bullone Ft,Rd=191.13
 Azione di punzonamento di progetto lato piastra Bp,Ed,p=45.07 Resistenza a punzonamento lato piastra Bb,Rd,p=1199.74
 Controllo interazione taglio/trazione [4.2.65] Int. V-T=0.30
 Tirafondi:LT=0.84 (0.75) RT=163.46
 Compressione nel calcestruzzo: $\sigma_c=6019.52$
 CC 9 SLV (Collegamento 0007_-249)
 Azioni sul collegamento:N=-0.41 Tz=-243.03 My=-85.06
 Sollecitazioni agenti localmente: Ty₁=-243.03 N₁=-0.41 Mx₁=-85.06 Mz₁=-0.00
 Taglio di progetto del bullone Fv,Ed=17.36 Resistenza a taglio del bullone Fv,Rd=127.42
 Azione di rifollamento di progetto lato piastra Fb,Ed,p=17.36 Resistenza a rifollamento lato piastra Fb,Rd,p=224.27
 Trazione di progetto del bullone Ft,Ed=45.07 Resistenza a trazione del bullone Ft,Rd=191.13
 Azione di punzonamento di progetto lato piastra Bp,Ed,p=45.07 Resistenza a punzonamento lato piastra Bb,Rd,p=1199.74
 Controllo interazione taglio/trazione [4.2.65] Int. V-T=0.30
 Tirafondi:LT=0.84 (0.75) RT=163.46
 Compressione nel calcestruzzo: $\sigma_c=6019.52$
 CC 10 SLV (Collegamento 0007_-249)
 Azioni sul collegamento:N=-0.41 Tz=238.77 My=83.57
 Sollecitazioni agenti localmente: Ty₁=238.77 N₁=-0.41 Mx₁=83.57 Mz₁=0.00
 Taglio di progetto del bullone Fv,Ed=17.05 Resistenza a taglio del bullone Fv,Rd=127.42
 Azione di rifollamento di progetto lato piastra Fb,Ed,p=17.05 Resistenza a rifollamento lato piastra Fb,Rd,p=224.27
 Trazione di progetto del bullone Ft,Ed=44.27 Resistenza a trazione del bullone Ft,Rd=191.13
 Azione di punzonamento di progetto lato piastra Bp,Ed,p=44.27 Resistenza a punzonamento lato piastra Bb,Rd,p=1199.74
 Controllo interazione taglio/trazione [4.2.65] Int. V-T=0.30
 Tirafondi:LT=0.84 (0.75) RT=163.46
 Compressione nel calcestruzzo: $\sigma_c=5914.01$
 CC 10 SLV (Collegamento 0007_-249)
 Azioni sul collegamento:N=-0.41 Tz=238.77 My=83.57

Relazione di Calcolo - Ponte Torrente Gogna

Sollecitazioni agenti localmente: $Ty_1=238.77$ $N_1=-0.41$ $Mx_1=83.57$ $Mz_1=0.00$
 Taglio di progetto del bullone $Fv, Ed=17.05$ Resistenza a taglio del bullone $Fv, Rd=127.42$
 Azione di rifollamento di progetto lato piastra $Fb, Ed, p=17.05$ Resistenza a rifollamento lato piastra $Fb, Rd, p=224.27$
 Trazione di progetto del bullone $Ft, Ed=44.27$ Resistenza a trazione del bullone $Ft, Rd=191.13$
 Azione di punzonamento di progetto lato piastra $Bp, Ed, p=44.27$ Resistenza a punzonamento lato piastra $Bb, Rd, p=1199.74$
 Controllo interazione taglio/trazione [4.2.65] Int. $V-T=0.30$
 Tirafondi: $LT=0.84$ (0.75) $RT=163.46$
 Compressione nel calcestruzzo: $\sigma_c=5914.01$
 CC 10 SLV (Collegamento 0007_-249)
 Azioni sul collegamento: $N=-0.41$ $Tz=-238.19$ $My=-83.37$
 Sollecitazioni agenti localmente: $Ty_1=-238.19$ $N_1=-0.41$ $Mx_1=-83.37$ $Mz_1=-0.00$
 Taglio di progetto del bullone $Fv, Ed=17.01$ Resistenza a taglio del bullone $Fv, Rd=127.42$
 Azione di rifollamento di progetto lato piastra $Fb, Ed, p=17.01$ Resistenza a rifollamento lato piastra $Fb, Rd, p=224.27$
 Trazione di progetto del bullone $Ft, Ed=44.17$ Resistenza a trazione del bullone $Ft, Rd=191.13$
 Azione di punzonamento di progetto lato piastra $Bp, Ed, p=44.17$ Resistenza a punzonamento lato piastra $Bb, Rd, p=1199.74$
 Controllo interazione taglio/trazione [4.2.65] Int. $V-T=0.30$
 Tirafondi: $LT=0.84$ (0.75) $RT=163.46$
 Compressione nel calcestruzzo: $\sigma_c=5899.64$
 CC 10 SLV (Collegamento 0007_-249)
 Azioni sul collegamento: $N=-0.41$ $Tz=-238.19$ $My=-83.37$
 Sollecitazioni agenti localmente: $Ty_1=-238.19$ $N_1=-0.41$ $Mx_1=-83.37$ $Mz_1=-0.00$
 Taglio di progetto del bullone $Fv, Ed=17.01$ Resistenza a taglio del bullone $Fv, Rd=127.42$
 Azione di rifollamento di progetto lato piastra $Fb, Ed, p=17.01$ Resistenza a rifollamento lato piastra $Fb, Rd, p=224.27$
 Trazione di progetto del bullone $Ft, Ed=44.17$ Resistenza a trazione del bullone $Ft, Rd=191.13$
 Azione di punzonamento di progetto lato piastra $Bp, Ed, p=44.17$ Resistenza a punzonamento lato piastra $Bb, Rd, p=1199.74$
 Controllo interazione taglio/trazione [4.2.65] Int. $V-T=0.30$
 Tirafondi: $LT=0.84$ (0.75) $RT=163.46$
 Compressione nel calcestruzzo: $\sigma_c=5899.64$
 CC 10 SLV (Collegamento 0007_-249)
 Azioni sul collegamento: $N=-0.41$ $Tz=238.77$ $My=83.57$
 Sollecitazioni agenti localmente: $Ty_1=238.77$ $N_1=-0.41$ $Mx_1=83.57$ $Mz_1=0.00$
 Taglio di progetto del bullone $Fv, Ed=17.05$ Resistenza a taglio del bullone $Fv, Rd=127.42$
 Azione di rifollamento di progetto lato piastra $Fb, Ed, p=17.05$ Resistenza a rifollamento lato piastra $Fb, Rd, p=224.27$
 Trazione di progetto del bullone $Ft, Ed=44.27$ Resistenza a trazione del bullone $Ft, Rd=191.13$
 Azione di punzonamento di progetto lato piastra $Bp, Ed, p=44.27$ Resistenza a punzonamento lato piastra $Bb, Rd, p=1199.74$
 Controllo interazione taglio/trazione [4.2.65] Int. $V-T=0.30$
 Tirafondi: $LT=0.84$ (0.75) $RT=163.46$
 Compressione nel calcestruzzo: $\sigma_c=5914.01$
 CC 10 SLV (Collegamento 0007_-249)
 Azioni sul collegamento: $N=-0.41$ $Tz=238.77$ $My=83.57$
 Sollecitazioni agenti localmente: $Ty_1=238.77$ $N_1=-0.41$ $Mx_1=83.57$ $Mz_1=0.00$
 Taglio di progetto del bullone $Fv, Ed=17.05$ Resistenza a taglio del bullone $Fv, Rd=127.42$
 Azione di rifollamento di progetto lato piastra $Fb, Ed, p=17.05$ Resistenza a rifollamento lato piastra $Fb, Rd, p=224.27$
 Trazione di progetto del bullone $Ft, Ed=44.27$ Resistenza a trazione del bullone $Ft, Rd=191.13$
 Azione di punzonamento di progetto lato piastra $Bp, Ed, p=44.27$ Resistenza a punzonamento lato piastra $Bb, Rd, p=1199.74$
 Controllo interazione taglio/trazione [4.2.65] Int. $V-T=0.30$
 Tirafondi: $LT=0.84$ (0.75) $RT=163.46$
 Compressione nel calcestruzzo: $\sigma_c=5914.01$
 CC 10 SLV (Collegamento 0007_-249)
 Azioni sul collegamento: $N=-0.41$ $Tz=-238.19$ $My=-83.37$
 Sollecitazioni agenti localmente: $Ty_1=-238.19$ $N_1=-0.41$ $Mx_1=-83.37$ $Mz_1=-0.00$
 Taglio di progetto del bullone $Fv, Ed=17.01$ Resistenza a taglio del bullone $Fv, Rd=127.42$
 Azione di rifollamento di progetto lato piastra $Fb, Ed, p=17.01$ Resistenza a rifollamento lato piastra $Fb, Rd, p=224.27$
 Trazione di progetto del bullone $Ft, Ed=44.17$ Resistenza a trazione del bullone $Ft, Rd=191.13$
 Azione di punzonamento di progetto lato piastra $Bp, Ed, p=44.17$ Resistenza a punzonamento lato piastra $Bb, Rd, p=1199.74$
 Controllo interazione taglio/trazione [4.2.65] Int. $V-T=0.30$
 Tirafondi: $LT=0.84$ (0.75) $RT=163.46$
 Compressione nel calcestruzzo: $\sigma_c=5899.64$
 CC 10 SLV (Collegamento 0007_-249)
 Azioni sul collegamento: $N=-0.41$ $Tz=-238.19$ $My=-83.37$
 Sollecitazioni agenti localmente: $Ty_1=-238.19$ $N_1=-0.41$ $Mx_1=-83.37$ $Mz_1=-0.00$
 Taglio di progetto del bullone $Fv, Ed=17.01$ Resistenza a taglio del bullone $Fv, Rd=127.42$
 Azione di rifollamento di progetto lato piastra $Fb, Ed, p=17.01$ Resistenza a rifollamento lato piastra $Fb, Rd, p=224.27$
 Trazione di progetto del bullone $Ft, Ed=44.17$ Resistenza a trazione del bullone $Ft, Rd=191.13$
 Azione di punzonamento di progetto lato piastra $Bp, Ed, p=44.17$ Resistenza a punzonamento lato piastra $Bb, Rd, p=1199.74$
 Controllo interazione taglio/trazione [4.2.65] Int. $V-T=0.30$
 Tirafondi: $LT=0.84$ (0.75) $RT=163.46$

Relazione di Calcolo - Ponte Torrente Gogna

Compressione nel calcestruzzo: $\sigma_c=5899.64$
 CC 11 SLV (Collegamento 0007_-249)
 Azioni sul collegamento: $N=-0.41$ $T_z=-214.88$ $M_y=-75.21$
 Sollecitazioni agenti localmente: $T_{y1}=-214.88$ $N_1=-0.41$ $M_{x1}=-75.21$ $M_{z1}=-0.00$
 Taglio di progetto del bullone Fv,Ed=15.35 Resistenza a taglio del bullone Fv,Rd=127.42
 Azione di rifollamento di progetto lato piastra Fb,Ed,p=15.35 Resistenza a rifollamento lato piastra Fb,Rd,p=224.27
 Trazione di progetto del bullone Ft,Ed=39.84 Resistenza a trazione del bullone Ft,Rd=191.13
 Azione di punzonamento di progetto lato piastra Bp,Ed,p=39.84 Resistenza a punzonamento lato piastra Bb,Rd,p=1199.74
 Controllo interazione taglio/trazione [4.2.65] Int. V-T=0.27
 Tirafondi:LT=0.84 (0.75) RT=163.46

Compressione nel calcestruzzo: $\sigma_c=5322.70$
 CC 11 SLV (Collegamento 0007_-249)
 Azioni sul collegamento: $N=-0.41$ $T_z=-214.88$ $M_y=-75.21$
 Sollecitazioni agenti localmente: $T_{y1}=-214.88$ $N_1=-0.41$ $M_{x1}=-75.21$ $M_{z1}=-0.00$
 Taglio di progetto del bullone Fv,Ed=15.35 Resistenza a taglio del bullone Fv,Rd=127.42
 Azione di rifollamento di progetto lato piastra Fb,Ed,p=15.35 Resistenza a rifollamento lato piastra Fb,Rd,p=224.27
 Trazione di progetto del bullone Ft,Ed=39.84 Resistenza a trazione del bullone Ft,Rd=191.13
 Azione di punzonamento di progetto lato piastra Bp,Ed,p=39.84 Resistenza a punzonamento lato piastra Bb,Rd,p=1199.74
 Controllo interazione taglio/trazione [4.2.65] Int. V-T=0.27
 Tirafondi:LT=0.84 (0.75) RT=163.46

Compressione nel calcestruzzo: $\sigma_c=5322.70$
 CC 11 SLV (Collegamento 0007_-249)
 Azioni sul collegamento: $N=-0.41$ $T_z=215.46$ $M_y=75.41$
 Sollecitazioni agenti localmente: $T_{y1}=215.46$ $N_1=-0.41$ $M_{x1}=75.41$ $M_{z1}=0.00$
 Taglio di progetto del bullone Fv,Ed=15.39 Resistenza a taglio del bullone Fv,Rd=127.42
 Azione di rifollamento di progetto lato piastra Fb,Ed,p=15.39 Resistenza a rifollamento lato piastra Fb,Rd,p=224.27
 Trazione di progetto del bullone Ft,Ed=39.95 Resistenza a trazione del bullone Ft,Rd=191.13
 Azione di punzonamento di progetto lato piastra Bp,Ed,p=39.95 Resistenza a punzonamento lato piastra Bb,Rd,p=1199.74
 Controllo interazione taglio/trazione [4.2.65] Int. V-T=0.27
 Tirafondi:LT=0.84 (0.75) RT=163.46

Compressione nel calcestruzzo: $\sigma_c=5337.07$
 CC 11 SLV (Collegamento 0007_-249)
 Azioni sul collegamento: $N=-0.41$ $T_z=215.46$ $M_y=75.41$
 Sollecitazioni agenti localmente: $T_{y1}=215.46$ $N_1=-0.41$ $M_{x1}=75.41$ $M_{z1}=0.00$
 Taglio di progetto del bullone Fv,Ed=15.39 Resistenza a taglio del bullone Fv,Rd=127.42
 Azione di rifollamento di progetto lato piastra Fb,Ed,p=15.39 Resistenza a rifollamento lato piastra Fb,Rd,p=224.27
 Trazione di progetto del bullone Ft,Ed=39.95 Resistenza a trazione del bullone Ft,Rd=191.13
 Azione di punzonamento di progetto lato piastra Bp,Ed,p=39.95 Resistenza a punzonamento lato piastra Bb,Rd,p=1199.74
 Controllo interazione taglio/trazione [4.2.65] Int. V-T=0.27
 Tirafondi:LT=0.84 (0.75) RT=163.46

Compressione nel calcestruzzo: $\sigma_c=5337.07$
 CC 11 SLV (Collegamento 0007_-249)
 Azioni sul collegamento: $N=-0.41$ $T_z=-214.88$ $M_y=-75.21$
 Sollecitazioni agenti localmente: $T_{y1}=-214.88$ $N_1=-0.41$ $M_{x1}=-75.21$ $M_{z1}=-0.00$
 Taglio di progetto del bullone Fv,Ed=15.35 Resistenza a taglio del bullone Fv,Rd=127.42
 Azione di rifollamento di progetto lato piastra Fb,Ed,p=15.35 Resistenza a rifollamento lato piastra Fb,Rd,p=224.27
 Trazione di progetto del bullone Ft,Ed=39.84 Resistenza a trazione del bullone Ft,Rd=191.13
 Azione di punzonamento di progetto lato piastra Bp,Ed,p=39.84 Resistenza a punzonamento lato piastra Bb,Rd,p=1199.74
 Controllo interazione taglio/trazione [4.2.65] Int. V-T=0.27
 Tirafondi:LT=0.84 (0.75) RT=163.46

Compressione nel calcestruzzo: $\sigma_c=5322.70$
 CC 11 SLV (Collegamento 0007_-249)
 Azioni sul collegamento: $N=-0.41$ $T_z=-214.88$ $M_y=-75.21$
 Sollecitazioni agenti localmente: $T_{y1}=-214.88$ $N_1=-0.41$ $M_{x1}=-75.21$ $M_{z1}=-0.00$
 Taglio di progetto del bullone Fv,Ed=15.35 Resistenza a taglio del bullone Fv,Rd=127.42
 Azione di rifollamento di progetto lato piastra Fb,Ed,p=15.35 Resistenza a rifollamento lato piastra Fb,Rd,p=224.27
 Trazione di progetto del bullone Ft,Ed=39.84 Resistenza a trazione del bullone Ft,Rd=191.13
 Azione di punzonamento di progetto lato piastra Bp,Ed,p=39.84 Resistenza a punzonamento lato piastra Bb,Rd,p=1199.74
 Controllo interazione taglio/trazione [4.2.65] Int. V-T=0.27
 Tirafondi:LT=0.84 (0.75) RT=163.46

Compressione nel calcestruzzo: $\sigma_c=5322.70$
 CC 11 SLV (Collegamento 0007_-249)
 Azioni sul collegamento: $N=-0.41$ $T_z=215.46$ $M_y=75.41$
 Sollecitazioni agenti localmente: $T_{y1}=215.46$ $N_1=-0.41$ $M_{x1}=75.41$ $M_{z1}=0.00$
 Taglio di progetto del bullone Fv,Ed=15.39 Resistenza a taglio del bullone Fv,Rd=127.42
 Azione di rifollamento di progetto lato piastra Fb,Ed,p=15.39 Resistenza a rifollamento lato piastra Fb,Rd,p=224.27
 Trazione di progetto del bullone Ft,Ed=39.95 Resistenza a trazione del bullone Ft,Rd=191.13
 Azione di punzonamento di progetto lato piastra Bp,Ed,p=39.95 Resistenza a punzonamento lato piastra Bb,Rd,p=1199.74

Bb,Rd,p=1199.74
 Controllo interazione taglio/trazione [4.2.65] Int. V-T=0.27
 Tirafondi:LT=0.84 (0.75) RT=163.46
 Compressione nel calcestruzzo: $\sigma_c=5337.07$
 CC 11 SLV (Collegamento 0007_-249)
 Azioni sul collegamento:N=-0.41 Tz=215.46 My=75.41
 Sollecitazioni agenti localmente: Ty₁=215.46 N₁=-0.41 Mx₁=75.41 Mz₁=0.00
 Taglio di progetto del bullone Fv,Ed=15.39 Resistenza a taglio del bullone Fv,Rd=127.42
 Azione di rifollamento di progetto lato piastra Fb,Ed,p=15.39 Resistenza a rifollamento lato piastra Fb,Rd,p=224.27
 Trazione di progetto del bullone Ft,Ed=39.95 Resistenza a trazione del bullone Ft,Rd=191.13
 Azione di punzonamento di progetto lato piastra Bp,Ed,p=39.95 Resistenza a punzonamento lato piastra Bb,Rd,p=1199.74
 Controllo interazione taglio/trazione [4.2.65] Int. V-T=0.27
 Tirafondi:LT=0.84 (0.75) RT=163.46
 Compressione nel calcestruzzo: $\sigma_c=5337.07$
 CC 12 SLV (Collegamento 0007_-249)
 Azioni sul collegamento:N=-0.41 Tz=-219.72 My=-76.90
 Sollecitazioni agenti localmente: Ty₁=-219.72 N₁=-0.41 Mx₁=-76.90 Mz₁=-0.00
 Taglio di progetto del bullone Fv,Ed=15.69 Resistenza a taglio del bullone Fv,Rd=127.42
 Azione di rifollamento di progetto lato piastra Fb,Ed,p=15.69 Resistenza a rifollamento lato piastra Fb,Rd,p=224.27
 Trazione di progetto del bullone Ft,Ed=40.74 Resistenza a trazione del bullone Ft,Rd=191.13
 Azione di punzonamento di progetto lato piastra Bp,Ed,p=40.74 Resistenza a punzonamento lato piastra Bb,Rd,p=1199.74
 Controllo interazione taglio/trazione [4.2.65] Int. V-T=0.28
 Tirafondi:LT=0.84 (0.75) RT=163.46
 Compressione nel calcestruzzo: $\sigma_c=5442.58$
 CC 12 SLV (Collegamento 0007_-249)
 Azioni sul collegamento:N=-0.41 Tz=-219.72 My=-76.90
 Sollecitazioni agenti localmente: Ty₁=-219.72 N₁=-0.41 Mx₁=-76.90 Mz₁=-0.00
 Taglio di progetto del bullone Fv,Ed=15.69 Resistenza a taglio del bullone Fv,Rd=127.42
 Azione di rifollamento di progetto lato piastra Fb,Ed,p=15.69 Resistenza a rifollamento lato piastra Fb,Rd,p=224.27
 Trazione di progetto del bullone Ft,Ed=40.74 Resistenza a trazione del bullone Ft,Rd=191.13
 Azione di punzonamento di progetto lato piastra Bp,Ed,p=40.74 Resistenza a punzonamento lato piastra Bb,Rd,p=1199.74
 Controllo interazione taglio/trazione [4.2.65] Int. V-T=0.28
 Tirafondi:LT=0.84 (0.75) RT=163.46
 Compressione nel calcestruzzo: $\sigma_c=5442.58$
 CC 12 SLV (Collegamento 0007_-249)
 Azioni sul collegamento:N=-0.41 Tz=220.31 My=77.11
 Sollecitazioni agenti localmente: Ty₁=220.31 N₁=-0.41 Mx₁=77.11 Mz₁=0.00
 Taglio di progetto del bullone Fv,Ed=15.74 Resistenza a taglio del bullone Fv,Rd=127.42
 Azione di rifollamento di progetto lato piastra Fb,Ed,p=15.74 Resistenza a rifollamento lato piastra Fb,Rd,p=224.27
 Trazione di progetto del bullone Ft,Ed=40.85 Resistenza a trazione del bullone Ft,Rd=191.13
 Azione di punzonamento di progetto lato piastra Bp,Ed,p=40.85 Resistenza a punzonamento lato piastra Bb,Rd,p=1199.74
 Controllo interazione taglio/trazione [4.2.65] Int. V-T=0.28
 Tirafondi:LT=0.84 (0.75) RT=163.46
 Compressione nel calcestruzzo: $\sigma_c=5456.95$
 CC 12 SLV (Collegamento 0007_-249)
 Azioni sul collegamento:N=-0.41 Tz=220.31 My=77.11
 Sollecitazioni agenti localmente: Ty₁=220.31 N₁=-0.41 Mx₁=77.11 Mz₁=0.00
 Taglio di progetto del bullone Fv,Ed=15.74 Resistenza a taglio del bullone Fv,Rd=127.42
 Azione di rifollamento di progetto lato piastra Fb,Ed,p=15.74 Resistenza a rifollamento lato piastra Fb,Rd,p=224.27
 Trazione di progetto del bullone Ft,Ed=40.85 Resistenza a trazione del bullone Ft,Rd=191.13
 Azione di punzonamento di progetto lato piastra Bp,Ed,p=40.85 Resistenza a punzonamento lato piastra Bb,Rd,p=1199.74
 Controllo interazione taglio/trazione [4.2.65] Int. V-T=0.28
 Tirafondi:LT=0.84 (0.75) RT=163.46
 Compressione nel calcestruzzo: $\sigma_c=5456.95$
 CC 12 SLV (Collegamento 0007_-249)
 Azioni sul collegamento:N=-0.41 Tz=-219.72 My=-76.90
 Sollecitazioni agenti localmente: Ty₁=-219.72 N₁=-0.41 Mx₁=-76.90 Mz₁=-0.00
 Taglio di progetto del bullone Fv,Ed=15.69 Resistenza a taglio del bullone Fv,Rd=127.42
 Azione di rifollamento di progetto lato piastra Fb,Ed,p=15.69 Resistenza a rifollamento lato piastra Fb,Rd,p=224.27
 Trazione di progetto del bullone Ft,Ed=40.74 Resistenza a trazione del bullone Ft,Rd=191.13
 Azione di punzonamento di progetto lato piastra Bp,Ed,p=40.74 Resistenza a punzonamento lato piastra Bb,Rd,p=1199.74
 Controllo interazione taglio/trazione [4.2.65] Int. V-T=0.28
 Tirafondi:LT=0.84 (0.75) RT=163.46
 Compressione nel calcestruzzo: $\sigma_c=5442.58$
 CC 12 SLV (Collegamento 0007_-249)
 Azioni sul collegamento:N=-0.41 Tz=-219.72 My=-76.90
 Sollecitazioni agenti localmente: Ty₁=-219.72 N₁=-0.41 Mx₁=-76.90 Mz₁=-0.00
 Taglio di progetto del bullone Fv,Ed=15.69 Resistenza a taglio del bullone Fv,Rd=127.42
 Azione di rifollamento di progetto lato piastra Fb,Ed,p=15.69 Resistenza a rifollamento lato piastra

Fb,Rd,p=224.27
 Trazione di progetto del bullone Ft,Ed=40.74 Resistenza a trazione del bullone Ft,Rd=191.13
 Azione di punzonamento di progetto lato piastra Bp,Ed,p=40.74 Resistenza a punzonamento lato piastra Bb,Rd,p=1199.74
 Controllo interazione taglio/trazione [4.2.65] Int. V-T=0.28
 Tirafondi:LT=0.84 (0.75) RT=163.46
 Compressione nel calcestruzzo: $\sigma_c=5442.58$
 CC 12 SLV (Collegamento 0007_-249)
 Azioni sul collegamento:N=-0.41 Tz=220.31 My=77.11
 Sollecitazioni agenti localmente: Ty₁=220.31 N₁=-0.41 Mx₁=77.11 Mz₁=0.00
 Taglio di progetto del bullone Fv,Ed=15.74 Resistenza a taglio del bullone Fv,Rd=127.42
 Azione di rifollamento di progetto lato piastra Fb,Ed,p=15.74 Resistenza a rifollamento lato piastra Fb,Rd,p=224.27
 Trazione di progetto del bullone Ft,Ed=40.85 Resistenza a trazione del bullone Ft,Rd=191.13
 Azione di punzonamento di progetto lato piastra Bp,Ed,p=40.85 Resistenza a punzonamento lato piastra Bb,Rd,p=1199.74
 Controllo interazione taglio/trazione [4.2.65] Int. V-T=0.28
 Tirafondi:LT=0.84 (0.75) RT=163.46
 Compressione nel calcestruzzo: $\sigma_c=5456.95$
 CC 12 SLV (Collegamento 0007_-249)
 Azioni sul collegamento:N=-0.41 Tz=220.31 My=77.11
 Sollecitazioni agenti localmente: Ty₁=220.31 N₁=-0.41 Mx₁=77.11 Mz₁=0.00
 Taglio di progetto del bullone Fv,Ed=15.74 Resistenza a taglio del bullone Fv,Rd=127.42
 Azione di rifollamento di progetto lato piastra Fb,Ed,p=15.74 Resistenza a rifollamento lato piastra Fb,Rd,p=224.27
 Trazione di progetto del bullone Ft,Ed=40.85 Resistenza a trazione del bullone Ft,Rd=191.13
 Azione di punzonamento di progetto lato piastra Bp,Ed,p=40.85 Resistenza a punzonamento lato piastra Bb,Rd,p=1199.74
 Controllo interazione taglio/trazione [4.2.65] Int. V-T=0.28
 Tirafondi:LT=0.84 (0.75) RT=163.46
 Compressione nel calcestruzzo: $\sigma_c=5456.95$
 CC 13 SLU (Collegamento 0007_-249)
 Azioni sul collegamento:N=-0.55 Tz=13.81 My=4.83
 Sollecitazioni agenti localmente: Ty₁=13.81 N₁=-0.55 Mx₁=4.83
 Taglio di progetto del bullone Fv,Ed=0.99 Resistenza a taglio del bullone Fv,Rd=127.42
 Azione di rifollamento di progetto lato piastra Fb,Ed,p=0.99 Resistenza a rifollamento lato piastra Fb,Rd,p=224.27
 Trazione di progetto del bullone Ft,Ed=2.53 Resistenza a trazione del bullone Ft,Rd=191.13
 Azione di punzonamento di progetto lato piastra Bp,Ed,p=2.53 Resistenza a punzonamento lato piastra Bb,Rd,p=1199.74
 Controllo interazione taglio/trazione [4.2.65] Int. V-T= 0.02
 Tirafondi:LT=0.84 (0.75) RT=163.46
 Compressione nel calcestruzzo: $\sigma_c=345.49$
 CC 14 SLU (Collegamento 0007_-249)
 Azioni sul collegamento:N=-0.55 Tz=13.59 My=4.76
 Sollecitazioni agenti localmente: Ty₁=13.59 N₁=-0.55 Mx₁=4.76
 Taglio di progetto del bullone Fv,Ed=0.97 Resistenza a taglio del bullone Fv,Rd=127.42
 Azione di rifollamento di progetto lato piastra Fb,Ed,p=0.97 Resistenza a rifollamento lato piastra Fb,Rd,p=224.27
 Trazione di progetto del bullone Ft,Ed=2.49 Resistenza a trazione del bullone Ft,Rd=191.13
 Azione di punzonamento di progetto lato piastra Bp,Ed,p=2.49 Resistenza a punzonamento lato piastra Bb,Rd,p=1199.74
 Controllo interazione taglio/trazione [4.2.65] Int. V-T= 0.02
 Tirafondi:LT=0.84 (0.75) RT=163.46
 Compressione nel calcestruzzo: $\sigma_c=340.05$
 CC 15 SLE R (Collegamento 0007_-249)
 Azioni sul collegamento:N=-0.41 Tz=10.22 My=3.58
 Sollecitazioni agenti localmente: Ty₁=10.22 N₁=-0.41 Mx₁=3.58
 Taglio di progetto del bullone Fv,Ed=0.73 Resistenza a taglio del bullone Fv,Rd=127.42
 Azione di rifollamento di progetto lato piastra Fb,Ed,p=0.73 Resistenza a rifollamento lato piastra Fb,Rd,p=224.27
 Trazione di progetto del bullone Ft,Ed=1.87 Resistenza a trazione del bullone Ft,Rd=191.13
 Azione di punzonamento di progetto lato piastra Bp,Ed,p=1.87 Resistenza a punzonamento lato piastra Bb,Rd,p=1199.74
 Controllo interazione taglio/trazione [4.2.65] Int. V-T= 0.01
 Tirafondi:LT=0.84 (0.75) RT=163.46
 Compressione nel calcestruzzo: $\sigma_c=255.52$
 CC 17 SLE Q (Collegamento 0007_-249)
 Azioni sul collegamento:N=-0.41 Tz=0.29 My=0.10
 Sollecitazioni agenti localmente: Ty₁=0.29 N₁=-0.41 Mx₁=0.10
 Taglio di progetto del bullone Fv,Ed=0.02 Resistenza a taglio del bullone Fv,Rd=127.42
 Azione di rifollamento di progetto lato piastra Fb,Ed,p=0.02 Resistenza a rifollamento lato piastra Fb,Rd,p=224.27
 Trazione di progetto del bullone Ft,Ed=0.03 Resistenza a trazione del bullone Ft,Rd=191.13
 Azione di punzonamento di progetto lato piastra Bp,Ed,p=0.03 Resistenza a punzonamento lato piastra Bb,Rd,p=1199.74
 Controllo interazione taglio/trazione [4.2.65] Int. V-T=2.80E-004
 Tirafondi:LT=0.84 (0.75) RT=163.46
 Compressione nel calcestruzzo: $\sigma_c=9.57$
 CC 18 SLU (Collegamento 0007_-249)
 Azioni sul collegamento:N=-0.55 Tz=-44.77 My=-15.67

Relazione di Calcolo – Ponte Torrente Gogna

Sollecitazioni agenti localmente: $Ty_1 = -44.77$ $N_1 = -0.55$ $Mx_1 = -15.67$
 Taglio di progetto del bullone $F_v, Ed = 3.20$ Resistenza a taglio del bullone $F_v, Rd = 127.42$
 Azione di rifollamento di progetto lato piastra $F_b, Ed, p = 3.20$ Resistenza a rifollamento lato piastra $F_b, Rd, p = 224.27$
 Trazione di progetto del bullone $F_t, Ed = 8.27$ Resistenza a trazione del bullone $F_t, Rd = 191.13$
 Azione di punzonamento di progetto lato piastra $B_p, Ed, p = 8.27$ Resistenza a punzonamento lato piastra $B_b, Rd, p = 1199.74$
 Controllo interazione taglio/trazione [4.2.65] Int. $V-T = 0.06$
 Tirafondi: $LT = 0.84$ (0.75) $RT = 163.46$
 Compressione nel calcestruzzo: $\sigma_c = 1111.95$
 CC 19 SLU (Collegamento 0007_-249)
 Azioni sul collegamento: $N = -0.55$ $Tz = -44.99$ $My = -15.75$
 Sollecitazioni agenti localmente: $Ty_1 = -44.99$ $N_1 = -0.55$ $Mx_1 = -15.75$
 Taglio di progetto del bullone $F_v, Ed = 3.21$ Resistenza a taglio del bullone $F_v, Rd = 127.42$
 Azione di rifollamento di progetto lato piastra $F_b, Ed, p = 3.21$ Resistenza a rifollamento lato piastra $F_b, Rd, p = 224.27$
 Trazione di progetto del bullone $F_t, Ed = 8.31$ Resistenza a trazione del bullone $F_t, Rd = 191.13$
 Azione di punzonamento di progetto lato piastra $B_p, Ed, p = 8.31$ Resistenza a punzonamento lato piastra $B_b, Rd, p = 1199.74$
 Controllo interazione taglio/trazione [4.2.65] Int. $V-T = 0.06$
 Tirafondi: $LT = 0.84$ (0.75) $RT = 163.46$
 Compressione nel calcestruzzo: $\sigma_c = 1117.39$
 CC 20 SLE R (Collegamento 0007_-249)
 Azioni sul collegamento: $N = -0.41$ $Tz = -33.18$ $My = -11.61$
 Sollecitazioni agenti localmente: $Ty_1 = -33.18$ $N_1 = -0.41$ $Mx_1 = -11.61$
 Taglio di progetto del bullone $F_v, Ed = 2.37$ Resistenza a taglio del bullone $F_v, Rd = 127.42$
 Azione di rifollamento di progetto lato piastra $F_b, Ed, p = 2.37$ Resistenza a rifollamento lato piastra $F_b, Rd, p = 224.27$
 Trazione di progetto del bullone $F_t, Ed = 6.13$ Resistenza a trazione del bullone $F_t, Rd = 191.13$
 Azione di punzonamento di progetto lato piastra $B_p, Ed, p = 6.13$ Resistenza a punzonamento lato piastra $B_b, Rd, p = 1199.74$
 Controllo interazione taglio/trazione [4.2.65] Int. $V-T = 0.04$
 Tirafondi: $LT = 0.84$ (0.75) $RT = 163.46$
 Compressione nel calcestruzzo: $\sigma_c = 824.07$
 CC 22 SLE Q (Collegamento 0007_-249)
 Azioni sul collegamento: $N = -0.41$ $Tz = 0.29$ $My = 0.10$
 Sollecitazioni agenti localmente: $Ty_1 = 0.29$ $N_1 = -0.41$ $Mx_1 = 0.10$
 Taglio di progetto del bullone $F_v, Ed = 0.02$ Resistenza a taglio del bullone $F_v, Rd = 127.42$
 Azione di rifollamento di progetto lato piastra $F_b, Ed, p = 0.02$ Resistenza a rifollamento lato piastra $F_b, Rd, p = 224.27$
 Trazione di progetto del bullone $F_t, Ed = 0.03$ Resistenza a trazione del bullone $F_t, Rd = 191.13$
 Azione di punzonamento di progetto lato piastra $B_p, Ed, p = 0.03$ Resistenza a punzonamento lato piastra $B_b, Rd, p = 1199.74$
 Controllo interazione taglio/trazione [4.2.65] Int. $V-T = 2.80E-004$
 Tirafondi: $LT = 0.84$ (0.75) $RT = 163.46$
 Compressione nel calcestruzzo: $\sigma_c = 9.57$
 CC 23 SLU (Collegamento 0007_-249)
 Azioni sul collegamento: $N = -0.55$ $Tz = -14.11$ $My = -4.94$
 Sollecitazioni agenti localmente: $Ty_1 = -14.11$ $N_1 = -0.55$ $Mx_1 = -4.94$
 Taglio di progetto del bullone $F_v, Ed = 1.01$ Resistenza a taglio del bullone $F_v, Rd = 127.42$
 Azione di rifollamento di progetto lato piastra $F_b, Ed, p = 1.01$ Resistenza a rifollamento lato piastra $F_b, Rd, p = 224.27$
 Trazione di progetto del bullone $F_t, Ed = 2.58$ Resistenza a trazione del bullone $F_t, Rd = 191.13$
 Azione di punzonamento di progetto lato piastra $B_p, Ed, p = 2.58$ Resistenza a punzonamento lato piastra $B_b, Rd, p = 1199.74$
 Controllo interazione taglio/trazione [4.2.65] Int. $V-T = 0.02$
 Tirafondi: $LT = 0.84$ (0.75) $RT = 163.46$
 Compressione nel calcestruzzo: $\sigma_c = 352.88$
 CC 24 SLU (Collegamento 0007_-249)
 Azioni sul collegamento: $N = -0.55$ $Tz = -14.33$ $My = -5.02$
 Sollecitazioni agenti localmente: $Ty_1 = -14.33$ $N_1 = -0.55$ $Mx_1 = -5.02$
 Taglio di progetto del bullone $F_v, Ed = 1.02$ Resistenza a taglio del bullone $F_v, Rd = 127.42$
 Azione di rifollamento di progetto lato piastra $F_b, Ed, p = 1.02$ Resistenza a rifollamento lato piastra $F_b, Rd, p = 224.27$
 Trazione di progetto del bullone $F_t, Ed = 2.63$ Resistenza a trazione del bullone $F_t, Rd = 191.13$
 Azione di punzonamento di progetto lato piastra $B_p, Ed, p = 2.63$ Resistenza a punzonamento lato piastra $B_b, Rd, p = 1199.74$
 Controllo interazione taglio/trazione [4.2.65] Int. $V-T = 0.02$
 Tirafondi: $LT = 0.84$ (0.75) $RT = 163.46$
 Compressione nel calcestruzzo: $\sigma_c = 358.33$
 CC 25 SLE R (Collegamento 0007_-249)
 Azioni sul collegamento: $N = -0.41$ $Tz = -10.47$ $My = -3.66$
 Sollecitazioni agenti localmente: $Ty_1 = -10.47$ $N_1 = -0.41$ $Mx_1 = -3.66$
 Taglio di progetto del bullone $F_v, Ed = 0.75$ Resistenza a taglio del bullone $F_v, Rd = 127.42$
 Azione di rifollamento di progetto lato piastra $F_b, Ed, p = 0.75$ Resistenza a rifollamento lato piastra $F_b, Rd, p = 224.27$
 Trazione di progetto del bullone $F_t, Ed = 1.92$ Resistenza a trazione del bullone $F_t, Rd = 191.13$
 Azione di punzonamento di progetto lato piastra $B_p, Ed, p = 1.92$ Resistenza a punzonamento lato piastra $B_b, Rd, p = 1199.74$
 Controllo interazione taglio/trazione [4.2.65] Int. $V-T = 0.01$
 Tirafondi: $LT = 0.84$ (0.75) $RT = 163.46$

Relazione di Calcolo - Ponte Torrente Gogna

Compressione nel calcestruzzo: $\sigma_c=261.80$
 CC 27 SLE Q (Collegamento 0007_-249)
 Azioni sul collegamento: $N=-0.41$ $T_z=0.29$ $M_y=0.10$
 Sollecitazioni agenti localmente: $T_{y1}=0.29$ $N_1=-0.41$ $M_{x1}=0.10$
 Taglio di progetto del bullone Fv,Ed=0.02 Resistenza a taglio del bullone Fv,Rd=127.42
 Azione di rifollamento di progetto lato piastra Fb,Ed,p=0.02 Resistenza a rifollamento lato piastra Fb,Rd,p=224.27
 Trazione di progetto del bullone Ft,Ed=0.03 Resistenza a trazione del bullone Ft,Rd=191.13
 Azione di punzonamento di progetto lato piastra Bp,Ed,p=0.03 Resistenza a punzonamento lato piastra Bb,Rd,p=1199.74
 Controllo interazione taglio/trazione [4.2.65] Int. V-T=2.80E-004
 Tirafondi:LT=0.84 (0.75) RT=163.46
 Compressione nel calcestruzzo: $\sigma_c=9.57$
 CC 28 SLU (Collegamento 0007_-249)
 Azioni sul collegamento: $N=-0.55$ $T_z=2.51$ $M_y=0.88$
 Sollecitazioni agenti localmente: $T_{y1}=2.51$ $N_1=-0.55$ $M_{x1}=0.88$
 Taglio di progetto del bullone Fv,Ed=0.18 Resistenza a taglio del bullone Fv,Rd=127.42
 Azione di rifollamento di progetto lato piastra Fb,Ed,p=0.18 Resistenza a rifollamento lato piastra Fb,Rd,p=224.27
 Trazione di progetto del bullone Ft,Ed=0.43 Resistenza a trazione del bullone Ft,Rd=191.13
 Azione di punzonamento di progetto lato piastra Bp,Ed,p=0.43 Resistenza a punzonamento lato piastra Bb,Rd,p=1199.74
 Controllo interazione taglio/trazione [4.2.65] Int. V-T=3.02E-003
 Tirafondi:LT=0.84 (0.75) RT=163.46
 Compressione nel calcestruzzo: $\sigma_c=65.59$
 CC 29 SLU (Collegamento 0007_-249)
 Azioni sul collegamento: $N=-0.55$ $T_z=2.29$ $M_y=0.80$
 Sollecitazioni agenti localmente: $T_{y1}=2.29$ $N_1=-0.55$ $M_{x1}=0.80$
 Taglio di progetto del bullone Fv,Ed=0.16 Resistenza a taglio del bullone Fv,Rd=127.42
 Azione di rifollamento di progetto lato piastra Fb,Ed,p=0.16 Resistenza a rifollamento lato piastra Fb,Rd,p=224.27
 Trazione di progetto del bullone Ft,Ed=0.39 Resistenza a trazione del bullone Ft,Rd=191.13
 Azione di punzonamento di progetto lato piastra Bp,Ed,p=0.39 Resistenza a punzonamento lato piastra Bb,Rd,p=1199.74
 Controllo interazione taglio/trazione [4.2.65] Int. V-T=2.75E-003
 Tirafondi:LT=0.84 (0.75) RT=163.46
 Compressione nel calcestruzzo: $\sigma_c=60.15$
 CC 30 SLE R (Collegamento 0007_-249)
 Azioni sul collegamento: $N=-0.41$ $T_z=1.84$ $M_y=0.65$
 Sollecitazioni agenti localmente: $T_{y1}=1.84$ $N_1=-0.41$ $M_{x1}=0.65$
 Taglio di progetto del bullone Fv,Ed=0.13 Resistenza a taglio del bullone Fv,Rd=127.42
 Azione di rifollamento di progetto lato piastra Fb,Ed,p=0.13 Resistenza a rifollamento lato piastra Fb,Rd,p=224.27
 Trazione di progetto del bullone Ft,Ed=0.32 Resistenza a trazione del bullone Ft,Rd=191.13
 Azione di punzonamento di progetto lato piastra Bp,Ed,p=0.32 Resistenza a punzonamento lato piastra Bb,Rd,p=1199.74
 Controllo interazione taglio/trazione [4.2.65] Int. V-T=2.22E-003
 Tirafondi:LT=0.84 (0.75) RT=163.46
 Compressione nel calcestruzzo: $\sigma_c=48.19$
 CC 32 SLE Q (Collegamento 0007_-249)
 Azioni sul collegamento: $N=-0.41$ $T_z=0.29$ $M_y=0.10$
 Sollecitazioni agenti localmente: $T_{y1}=0.29$ $N_1=-0.41$ $M_{x1}=0.10$
 Taglio di progetto del bullone Fv,Ed=0.02 Resistenza a taglio del bullone Fv,Rd=127.42
 Azione di rifollamento di progetto lato piastra Fb,Ed,p=0.02 Resistenza a rifollamento lato piastra Fb,Rd,p=224.27
 Trazione di progetto del bullone Ft,Ed=0.03 Resistenza a trazione del bullone Ft,Rd=191.13
 Azione di punzonamento di progetto lato piastra Bp,Ed,p=0.03 Resistenza a punzonamento lato piastra Bb,Rd,p=1199.74
 Controllo interazione taglio/trazione [4.2.65] Int. V-T=2.80E-004
 Tirafondi:LT=0.84 (0.75) RT=163.46
 Compressione nel calcestruzzo: $\sigma_c=9.57$
 CC 33 SLU (Collegamento 0007_-249)
 Azioni sul collegamento: $N=-0.55$ $T_z=-13.12$ $M_y=-4.59$
 Sollecitazioni agenti localmente: $T_{y1}=-13.12$ $N_1=-0.55$ $M_{x1}=-4.59$
 Taglio di progetto del bullone Fv,Ed=0.94 Resistenza a taglio del bullone Fv,Rd=127.42
 Azione di rifollamento di progetto lato piastra Fb,Ed,p=0.94 Resistenza a rifollamento lato piastra Fb,Rd,p=224.27
 Trazione di progetto del bullone Ft,Ed=2.40 Resistenza a trazione del bullone Ft,Rd=191.13
 Azione di punzonamento di progetto lato piastra Bp,Ed,p=2.40 Resistenza a punzonamento lato piastra Bb,Rd,p=1199.74
 Controllo interazione taglio/trazione [4.2.65] Int. V-T= 0.02
 Tirafondi:LT=0.84 (0.75) RT=163.46
 Compressione nel calcestruzzo: $\sigma_c=328.43$
 CC 34 SLU (Collegamento 0007_-249)
 Azioni sul collegamento: $N=-0.55$ $T_z=-13.34$ $M_y=-4.67$
 Sollecitazioni agenti localmente: $T_{y1}=-13.34$ $N_1=-0.55$ $M_{x1}=-4.67$
 Taglio di progetto del bullone Fv,Ed=0.95 Resistenza a taglio del bullone Fv,Rd=127.42
 Azione di rifollamento di progetto lato piastra Fb,Ed,p=0.95 Resistenza a rifollamento lato piastra Fb,Rd,p=224.27
 Trazione di progetto del bullone Ft,Ed=2.44 Resistenza a trazione del bullone Ft,Rd=191.13
 Azione di punzonamento di progetto lato piastra Bp,Ed,p=2.44 Resistenza a punzonamento lato piastra Bb,Rd,p=1199.74

Bb,Rd,p=1199.74
 Controllo interazione taglio/trazione [4.2.65] Int. V-T= 0.02
 Tirafondi:LT=0.84 (0.75) RT=163.46
 Compressione nel calcestruzzo: $\sigma_c=333.87$
 CC 35 SLE R (Collegamento 0007_-249)
 Azioni sul collegamento:N=-0.41 Tz=-9.74 My=-3.41
 Sollecitazioni agenti localmente: $Ty_1=-9.74$ $N_1=-0.41$ $Mx_1=-3.41$
 Taglio di progetto del bullone Fv,Ed=0.70 Resistenza a taglio del bullone Fv,Rd=127.42
 Azione di rifollamento di progetto lato piastra Fb,Ed,p=0.70 Resistenza a rifollamento lato piastra Fb,Rd,p=224.27
 Trazione di progetto del bullone Ft,Ed=1.78 Resistenza a trazione del bullone Ft,Rd=191.13
 Azione di punzonamento di progetto lato piastra Bp,Ed,p=1.78 Resistenza a punzonamento lato piastra Bb,Rd,p=1199.74
 Controllo interazione taglio/trazione [4.2.65] Int. V-T= 0.01
 Tirafondi:LT=0.84 (0.75) RT=163.46
 Compressione nel calcestruzzo: $\sigma_c=243.68$
 CC 37 SLE Q (Collegamento 0007_-249)
 Azioni sul collegamento:N=-0.41 Tz=0.29 My=0.10
 Sollecitazioni agenti localmente: $Ty_1=0.29$ $N_1=-0.41$ $Mx_1=0.10$
 Taglio di progetto del bullone Fv,Ed=0.02 Resistenza a taglio del bullone Fv,Rd=127.42
 Azione di rifollamento di progetto lato piastra Fb,Ed,p=0.02 Resistenza a rifollamento lato piastra Fb,Rd,p=224.27
 Trazione di progetto del bullone Ft,Ed=0.03 Resistenza a trazione del bullone Ft,Rd=191.13
 Azione di punzonamento di progetto lato piastra Bp,Ed,p=0.03 Resistenza a punzonamento lato piastra Bb,Rd,p=1199.74
 Controllo interazione taglio/trazione [4.2.65] Int. V-T=2.80E-004
 Tirafondi:LT=0.84 (0.75) RT=163.46
 Compressione nel calcestruzzo: $\sigma_c=9.57$

Saldatura profilo-piastra

CC 1 SLV (Collegamento 0007_-249)
 Azioni sul collegamento:N=-0.41 Tz=770.36 My=269.63
 Sollecitazioni agenti localmente: $Ty_1=770.36$ $N_1=-0.41$ $Mx_1=-269.63$
 Azioni sul cordone: TP=0.00 TO=179.15 NO=-0.10
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_o=48730.70$ $\sigma_o=146077.00$ $\sigma_{ID}=153991.00$ $\Sigma_T=194808.00$
 Azioni sul cordone: TP=0.00 TO=67.18 NO=-0.04
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_o=48730.70$ $\sigma_o=127526.00$ $\sigma_{ID}=136519.00$ $\Sigma_T=176256.00$
 Azioni sul cordone: TP=71.66 TO=-0.00 NO=-0.04
 Tensioni nel cordone: $\tau_p=48730.70$ $\tau_o=2.13E-003$ $\sigma_o=101288.00$ $\sigma_{ID}=112401.00$ $\Sigma_T=101288.00$
 CC 1 SLV (Collegamento 0007_-249)
 Azioni sul collegamento:N=-0.41 Tz=770.36 My=269.63
 Sollecitazioni agenti localmente: $Ty_1=770.36$ $N_1=-0.41$ $Mx_1=-269.63$
 Azioni sul cordone: TP=0.00 TO=179.15 NO=-0.10
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_o=48730.70$ $\sigma_o=146077.00$ $\sigma_{ID}=153991.00$ $\Sigma_T=194808.00$
 Azioni sul cordone: TP=0.00 TO=67.18 NO=-0.04
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_o=48730.70$ $\sigma_o=127526.00$ $\sigma_{ID}=136519.00$ $\Sigma_T=176256.00$
 Azioni sul cordone: TP=71.66 TO=-0.00 NO=-0.04
 Tensioni nel cordone: $\tau_p=48730.70$ $\tau_o=2.13E-003$ $\sigma_o=101288.00$ $\sigma_{ID}=112401.00$ $\Sigma_T=101288.00$
 CC 1 SLV (Collegamento 0007_-249)
 Azioni sul collegamento:N=-0.41 Tz=-769.78 My=-269.42
 Sollecitazioni agenti localmente: $Ty_1=-769.78$ $N_1=-0.41$ $Mx_1=269.42$
 Azioni sul cordone: TP=-0.00 TO=179.02 NO=-0.10
 Tensioni nel cordone: $\tau_p=4.26E-003$ $\tau_o=48693.90$ $\sigma_o=145967.00$ $\sigma_{ID}=153875.00$ $\Sigma_T=194661.00$
 Azioni sul cordone: TP=0.00 TO=-67.13 NO=-0.04
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_o=48694.00$ $\sigma_o=127481.00$ $\sigma_{ID}=136465.00$ $\Sigma_T=176175.00$
 Azioni sul cordone: TP=-71.61 TO=0.00 NO=-0.04
 Tensioni nel cordone: $\tau_p=48693.90$ $\tau_o=2.13E-003$ $\sigma_o=101212.00$ $\sigma_{ID}=112316.00$ $\Sigma_T=101212.00$
 CC 1 SLV (Collegamento 0007_-249)
 Azioni sul collegamento:N=-0.41 Tz=-769.78 My=-269.42
 Sollecitazioni agenti localmente: $Ty_1=-769.78$ $N_1=-0.41$ $Mx_1=269.42$
 Azioni sul cordone: TP=-0.00 TO=179.02 NO=-0.10
 Tensioni nel cordone: $\tau_p=4.26E-003$ $\tau_o=48693.90$ $\sigma_o=145967.00$ $\sigma_{ID}=153875.00$ $\Sigma_T=194661.00$
 Azioni sul cordone: TP=0.00 TO=-67.13 NO=-0.04
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_o=48694.00$ $\sigma_o=127481.00$ $\sigma_{ID}=136465.00$ $\Sigma_T=176175.00$
 Azioni sul cordone: TP=-71.61 TO=0.00 NO=-0.04
 Tensioni nel cordone: $\tau_p=48693.90$ $\tau_o=2.13E-003$ $\sigma_o=101212.00$ $\sigma_{ID}=112316.00$ $\Sigma_T=101212.00$
 CC 1 SLV (Collegamento 0007_-249)
 Azioni sul collegamento:N=-0.41 Tz=770.36 My=269.63
 Sollecitazioni agenti localmente: $Ty_1=770.36$ $N_1=-0.41$ $Mx_1=-269.63$
 Azioni sul cordone: TP=0.00 TO=179.15 NO=-0.10
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_o=48730.70$ $\sigma_o=146077.00$ $\sigma_{ID}=153991.00$ $\Sigma_T=194808.00$
 Azioni sul cordone: TP=0.00 TO=67.18 NO=-0.04
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_o=48730.70$ $\sigma_o=127526.00$ $\sigma_{ID}=136519.00$ $\Sigma_T=176256.00$
 Azioni sul cordone: TP=71.66 TO=-0.00 NO=-0.04
 Tensioni nel cordone: $\tau_p=48730.70$ $\tau_o=2.13E-003$ $\sigma_o=101288.00$ $\sigma_{ID}=112401.00$ $\Sigma_T=101288.00$
 CC 1 SLV (Collegamento 0007_-249)
 Azioni sul collegamento:N=-0.41 Tz=770.36 My=269.63
 Sollecitazioni agenti localmente: $Ty_1=770.36$ $N_1=-0.41$ $Mx_1=-269.63$

Relazione di Calcolo - Ponte Torrente Gogna

Azioni sul cordone: TP=0.00 TO=179.15 NO=-0.10
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=48730.70$ $\sigma_0=146077.00$ $\sigma_{I0}=153991.00$ $\Sigma_T=194808.00$
 Azioni sul cordone: TP=0.00 TO=67.18 NO=-0.04
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=48730.70$ $\sigma_0=127526.00$ $\sigma_{I0}=136519.00$ $\Sigma_T=176256.00$
 Azioni sul cordone: TP=71.66 TO=-0.00 NO=-0.04
 Tensioni nel cordone: $\tau_p=48730.70$ $\tau_0=2.13E-003$ $\sigma_0=101288.00$ $\sigma_{I0}=112401.00$ $\Sigma_T=101288.00$
 CC 1 SLV (Collegamento 0007_-249)
 Azioni sul collegamento: N=-0.41 Tz=-769.78 My=-269.42
 Sollecitazioni agenti localmente: $Ty_1=-769.78$ $N_1=-0.41$ $Mx_1=269.42$
 Azioni sul cordone: TP=-0.00 TO=179.02 NO=-0.10
 Tensioni nel cordone: $\tau_p=4.26E-003$ $\tau_0=48693.90$ $\sigma_0=145967.00$ $\sigma_{I0}=153875.00$ $\Sigma_T=194661.00$
 Azioni sul cordone: TP=0.00 TO=-67.13 NO=-0.04
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=48694.00$ $\sigma_0=127481.00$ $\sigma_{I0}=136465.00$ $\Sigma_T=176175.00$
 Azioni sul cordone: TP=-71.61 TO=0.00 NO=-0.04
 Tensioni nel cordone: $\tau_p=48693.90$ $\tau_0=2.13E-003$ $\sigma_0=101212.00$ $\sigma_{I0}=112316.00$ $\Sigma_T=101212.00$
 CC 1 SLV (Collegamento 0007_-249)
 Azioni sul collegamento: N=-0.41 Tz=-769.78 My=-269.42
 Sollecitazioni agenti localmente: $Ty_1=-769.78$ $N_1=-0.41$ $Mx_1=269.42$
 Azioni sul cordone: TP=-0.00 TO=179.02 NO=-0.10
 Tensioni nel cordone: $\tau_p=4.26E-003$ $\tau_0=48693.90$ $\sigma_0=145967.00$ $\sigma_{I0}=153875.00$ $\Sigma_T=194661.00$
 Azioni sul cordone: TP=0.00 TO=-67.13 NO=-0.04
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=48694.00$ $\sigma_0=127481.00$ $\sigma_{I0}=136465.00$ $\Sigma_T=176175.00$
 Azioni sul cordone: TP=-71.61 TO=0.00 NO=-0.04
 Tensioni nel cordone: $\tau_p=48693.90$ $\tau_0=2.13E-003$ $\sigma_0=101212.00$ $\sigma_{I0}=112316.00$ $\Sigma_T=101212.00$
 CC 2 SLV (Collegamento 0007_-249)
 Azioni sul collegamento: N=-0.41 Tz=763.37 My=267.18
 Sollecitazioni agenti localmente: $Ty_1=763.37$ $N_1=-0.41$ $Mx_1=-267.18$
 Azioni sul cordone: TP=0.00 TO=177.53 NO=-0.10
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=48288.40$ $\sigma_0=144752.00$ $\sigma_{I0}=152594.00$ $\Sigma_T=193040.00$
 Azioni sul cordone: TP=0.00 TO=66.57 NO=-0.04
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=48288.50$ $\sigma_0=126368.00$ $\sigma_{I0}=135280.00$ $\Sigma_T=174657.00$
 Azioni sul cordone: TP=71.01 TO=-0.00 NO=-0.04
 Tensioni nel cordone: $\tau_p=48288.40$ $\tau_0=2.11E-003$ $\sigma_0=100369.00$ $\sigma_{I0}=111381.00$ $\Sigma_T=100369.00$
 CC 2 SLV (Collegamento 0007_-249)
 Azioni sul collegamento: N=-0.41 Tz=763.37 My=267.18
 Sollecitazioni agenti localmente: $Ty_1=763.37$ $N_1=-0.41$ $Mx_1=-267.18$
 Azioni sul cordone: TP=0.00 TO=177.53 NO=-0.10
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=48288.40$ $\sigma_0=144752.00$ $\sigma_{I0}=152594.00$ $\Sigma_T=193040.00$
 Azioni sul cordone: TP=0.00 TO=66.57 NO=-0.04
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=48288.50$ $\sigma_0=126368.00$ $\sigma_{I0}=135280.00$ $\Sigma_T=174657.00$
 Azioni sul cordone: TP=71.01 TO=-0.00 NO=-0.04
 Tensioni nel cordone: $\tau_p=48288.40$ $\tau_0=2.11E-003$ $\sigma_0=100369.00$ $\sigma_{I0}=111381.00$ $\Sigma_T=100369.00$
 CC 2 SLV (Collegamento 0007_-249)
 Azioni sul collegamento: N=-0.41 Tz=-762.79 My=-266.98
 Sollecitazioni agenti localmente: $Ty_1=-762.79$ $N_1=-0.41$ $Mx_1=266.98$
 Azioni sul cordone: TP=-0.00 TO=177.39 NO=-0.10
 Tensioni nel cordone: $\tau_p=4.22E-003$ $\tau_0=48251.70$ $\sigma_0=144642.00$ $\sigma_{I0}=152478.00$ $\Sigma_T=192894.00$
 Azioni sul cordone: TP=0.00 TO=-66.52 NO=-0.04
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=48251.70$ $\sigma_0=126324.00$ $\sigma_{I0}=135225.00$ $\Sigma_T=174576.00$
 Azioni sul cordone: TP=-70.96 TO=0.00 NO=-0.04
 Tensioni nel cordone: $\tau_p=48251.70$ $\tau_0=2.11E-003$ $\sigma_0=100293.00$ $\sigma_{I0}=111296.00$ $\Sigma_T=100293.00$
 CC 2 SLV (Collegamento 0007_-249)
 Azioni sul collegamento: N=-0.41 Tz=-762.79 My=-266.98
 Sollecitazioni agenti localmente: $Ty_1=-762.79$ $N_1=-0.41$ $Mx_1=266.98$
 Azioni sul cordone: TP=-0.00 TO=177.39 NO=-0.10
 Tensioni nel cordone: $\tau_p=4.22E-003$ $\tau_0=48251.70$ $\sigma_0=144642.00$ $\sigma_{I0}=152478.00$ $\Sigma_T=192894.00$
 Azioni sul cordone: TP=0.00 TO=-66.52 NO=-0.04
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=48251.70$ $\sigma_0=126324.00$ $\sigma_{I0}=135225.00$ $\Sigma_T=174576.00$
 Azioni sul cordone: TP=-70.96 TO=0.00 NO=-0.04
 Tensioni nel cordone: $\tau_p=48251.70$ $\tau_0=2.11E-003$ $\sigma_0=100293.00$ $\sigma_{I0}=111296.00$ $\Sigma_T=100293.00$
 CC 2 SLV (Collegamento 0007_-249)
 Azioni sul collegamento: N=-0.41 Tz=763.37 My=267.18
 Sollecitazioni agenti localmente: $Ty_1=763.37$ $N_1=-0.41$ $Mx_1=-267.18$
 Azioni sul cordone: TP=0.00 TO=177.53 NO=-0.10
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=48288.40$ $\sigma_0=144752.00$ $\sigma_{I0}=152594.00$ $\Sigma_T=193040.00$
 Azioni sul cordone: TP=0.00 TO=66.57 NO=-0.04
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=48288.50$ $\sigma_0=126368.00$ $\sigma_{I0}=135280.00$ $\Sigma_T=174657.00$
 Azioni sul cordone: TP=71.01 TO=-0.00 NO=-0.04
 Tensioni nel cordone: $\tau_p=48288.40$ $\tau_0=2.11E-003$ $\sigma_0=100369.00$ $\sigma_{I0}=111381.00$ $\Sigma_T=100369.00$
 CC 2 SLV (Collegamento 0007_-249)
 Azioni sul collegamento: N=-0.41 Tz=763.37 My=267.18
 Sollecitazioni agenti localmente: $Ty_1=763.37$ $N_1=-0.41$ $Mx_1=-267.18$
 Azioni sul cordone: TP=0.00 TO=177.53 NO=-0.10
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=48288.40$ $\sigma_0=144752.00$ $\sigma_{I0}=152594.00$ $\Sigma_T=193040.00$
 Azioni sul cordone: TP=0.00 TO=66.57 NO=-0.04
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=48288.50$ $\sigma_0=126368.00$ $\sigma_{I0}=135280.00$ $\Sigma_T=174657.00$
 Azioni sul cordone: TP=71.01 TO=-0.00 NO=-0.04
 Tensioni nel cordone: $\tau_p=48288.40$ $\tau_0=2.11E-003$ $\sigma_0=100369.00$ $\sigma_{I0}=111381.00$ $\Sigma_T=100369.00$

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CC 2 SLV (Collegamento 0007_-249)
 Azioni sul collegamento: $N=-0.41$ $T_z=-762.79$ $M_y=-266.98$
 Sollecitazioni agenti localmente: $T_{y1}=-762.79$ $N_1=-0.41$ $M_{x1}=266.98$
 Azioni sul cordone: $TP=-0.00$ $TO=177.39$ $NO=-0.10$
 Tensioni nel cordone: $\tau_p=4.22E-003$ $\tau_0=48251.70$ $\sigma_0=144642.00$ $\sigma_{I0}=152478.00$ $\Sigma_T=192894.00$
 Azioni sul cordone: $TP=0.00$ $TO=-66.52$ $NO=-0.04$
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=48251.70$ $\sigma_0=126324.00$ $\sigma_{I0}=135225.00$ $\Sigma_T=174576.00$
 Azioni sul cordone: $TP=-70.96$ $TO=0.00$ $NO=-0.04$
 Tensioni nel cordone: $\tau_p=48251.70$ $\tau_0=2.11E-003$ $\sigma_0=100293.00$ $\sigma_{I0}=111296.00$ $\Sigma_T=100293.00$
 CC 2 SLV (Collegamento 0007_-249)
 Azioni sul collegamento: $N=-0.41$ $T_z=-762.79$ $M_y=-266.98$
 Sollecitazioni agenti localmente: $T_{y1}=-762.79$ $N_1=-0.41$ $M_{x1}=266.98$
 Azioni sul cordone: $TP=-0.00$ $TO=177.39$ $NO=-0.10$
 Tensioni nel cordone: $\tau_p=4.22E-003$ $\tau_0=48251.70$ $\sigma_0=144642.00$ $\sigma_{I0}=152478.00$ $\Sigma_T=192894.00$
 Azioni sul cordone: $TP=0.00$ $TO=-66.52$ $NO=-0.04$
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=48251.70$ $\sigma_0=126324.00$ $\sigma_{I0}=135225.00$ $\Sigma_T=174576.00$
 Azioni sul cordone: $TP=-70.96$ $TO=0.00$ $NO=-0.04$
 Tensioni nel cordone: $\tau_p=48251.70$ $\tau_0=2.11E-003$ $\sigma_0=100293.00$ $\sigma_{I0}=111296.00$ $\Sigma_T=100293.00$
 CC 3 SLV (Collegamento 0007_-249)
 Azioni sul collegamento: $N=-0.41$ $T_z=765.52$ $M_y=267.93$
 Sollecitazioni agenti localmente: $T_{y1}=765.52$ $N_1=-0.41$ $M_{x1}=-267.93$
 Azioni sul cordone: $TP=0.00$ $TO=178.03$ $NO=-0.10$
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=48424.40$ $\sigma_0=145159.00$ $\sigma_{I0}=153023.00$ $\Sigma_T=193584.00$
 Azioni sul cordone: $TP=0.00$ $TO=66.76$ $NO=-0.04$
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=48424.50$ $\sigma_0=126724.00$ $\sigma_{I0}=135661.00$ $\Sigma_T=175148.00$
 Azioni sul cordone: $TP=71.21$ $TO=-0.00$ $NO=-0.04$
 Tensioni nel cordone: $\tau_p=48424.40$ $\tau_0=2.12E-003$ $\sigma_0=100652.00$ $\sigma_{I0}=111695.00$ $\Sigma_T=100652.00$
 CC 3 SLV (Collegamento 0007_-249)
 Azioni sul collegamento: $N=-0.41$ $T_z=765.52$ $M_y=267.93$
 Sollecitazioni agenti localmente: $T_{y1}=765.52$ $N_1=-0.41$ $M_{x1}=-267.93$
 Azioni sul cordone: $TP=0.00$ $TO=178.03$ $NO=-0.10$
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=48424.40$ $\sigma_0=145159.00$ $\sigma_{I0}=153023.00$ $\Sigma_T=193584.00$
 Azioni sul cordone: $TP=0.00$ $TO=66.76$ $NO=-0.04$
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=48424.50$ $\sigma_0=126724.00$ $\sigma_{I0}=135661.00$ $\Sigma_T=175148.00$
 Azioni sul cordone: $TP=71.21$ $TO=-0.00$ $NO=-0.04$
 Tensioni nel cordone: $\tau_p=48424.40$ $\tau_0=2.12E-003$ $\sigma_0=100652.00$ $\sigma_{I0}=111695.00$ $\Sigma_T=100652.00$
 CC 3 SLV (Collegamento 0007_-249)
 Azioni sul collegamento: $N=-0.41$ $T_z=-764.94$ $M_y=-267.73$
 Sollecitazioni agenti localmente: $T_{y1}=-764.94$ $N_1=-0.41$ $M_{x1}=267.73$
 Azioni sul cordone: $TP=-0.00$ $TO=177.89$ $NO=-0.10$
 Tensioni nel cordone: $\tau_p=4.23E-003$ $\tau_0=48387.70$ $\sigma_0=145049.00$ $\sigma_{I0}=152907.00$ $\Sigma_T=193437.00$
 Azioni sul cordone: $TP=0.00$ $TO=-66.71$ $NO=-0.04$
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=48387.70$ $\sigma_0=126680.00$ $\sigma_{I0}=135606.00$ $\Sigma_T=175067.00$
 Azioni sul cordone: $TP=-71.16$ $TO=0.00$ $NO=-0.04$
 Tensioni nel cordone: $\tau_p=48387.70$ $\tau_0=2.12E-003$ $\sigma_0=100575.00$ $\sigma_{I0}=111610.00$ $\Sigma_T=100575.00$
 CC 3 SLV (Collegamento 0007_-249)
 Azioni sul collegamento: $N=-0.41$ $T_z=-764.94$ $M_y=-267.73$
 Sollecitazioni agenti localmente: $T_{y1}=-764.94$ $N_1=-0.41$ $M_{x1}=267.73$
 Azioni sul cordone: $TP=-0.00$ $TO=177.89$ $NO=-0.10$
 Tensioni nel cordone: $\tau_p=4.23E-003$ $\tau_0=48387.70$ $\sigma_0=145049.00$ $\sigma_{I0}=152907.00$ $\Sigma_T=193437.00$
 Azioni sul cordone: $TP=0.00$ $TO=-66.71$ $NO=-0.04$
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=48387.70$ $\sigma_0=126680.00$ $\sigma_{I0}=135606.00$ $\Sigma_T=175067.00$
 Azioni sul cordone: $TP=-71.16$ $TO=0.00$ $NO=-0.04$
 Tensioni nel cordone: $\tau_p=48387.70$ $\tau_0=2.12E-003$ $\sigma_0=100575.00$ $\sigma_{I0}=111610.00$ $\Sigma_T=100575.00$
 CC 3 SLV (Collegamento 0007_-249)
 Azioni sul collegamento: $N=-0.41$ $T_z=765.52$ $M_y=267.93$
 Sollecitazioni agenti localmente: $T_{y1}=765.52$ $N_1=-0.41$ $M_{x1}=-267.93$
 Azioni sul cordone: $TP=0.00$ $TO=178.03$ $NO=-0.10$
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=48424.40$ $\sigma_0=145159.00$ $\sigma_{I0}=153023.00$ $\Sigma_T=193584.00$
 Azioni sul cordone: $TP=0.00$ $TO=66.76$ $NO=-0.04$
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=48424.50$ $\sigma_0=126724.00$ $\sigma_{I0}=135661.00$ $\Sigma_T=175148.00$
 Azioni sul cordone: $TP=71.21$ $TO=-0.00$ $NO=-0.04$
 Tensioni nel cordone: $\tau_p=48424.40$ $\tau_0=2.12E-003$ $\sigma_0=100652.00$ $\sigma_{I0}=111695.00$ $\Sigma_T=100652.00$
 CC 3 SLV (Collegamento 0007_-249)
 Azioni sul collegamento: $N=-0.41$ $T_z=765.52$ $M_y=267.93$
 Sollecitazioni agenti localmente: $T_{y1}=765.52$ $N_1=-0.41$ $M_{x1}=-267.93$
 Azioni sul cordone: $TP=0.00$ $TO=178.03$ $NO=-0.10$
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=48424.40$ $\sigma_0=145159.00$ $\sigma_{I0}=153023.00$ $\Sigma_T=193584.00$
 Azioni sul cordone: $TP=0.00$ $TO=66.76$ $NO=-0.04$
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=48424.50$ $\sigma_0=126724.00$ $\sigma_{I0}=135661.00$ $\Sigma_T=175148.00$
 Azioni sul cordone: $TP=71.21$ $TO=-0.00$ $NO=-0.04$
 Tensioni nel cordone: $\tau_p=48424.40$ $\tau_0=2.12E-003$ $\sigma_0=100652.00$ $\sigma_{I0}=111695.00$ $\Sigma_T=100652.00$
 CC 3 SLV (Collegamento 0007_-249)
 Azioni sul collegamento: $N=-0.41$ $T_z=-764.94$ $M_y=-267.73$
 Sollecitazioni agenti localmente: $T_{y1}=-764.94$ $N_1=-0.41$ $M_{x1}=267.73$
 Azioni sul cordone: $TP=-0.00$ $TO=177.89$ $NO=-0.10$
 Tensioni nel cordone: $\tau_p=4.23E-003$ $\tau_0=48387.70$ $\sigma_0=145049.00$ $\sigma_{I0}=152907.00$ $\Sigma_T=193437.00$
 Azioni sul cordone: $TP=0.00$ $TO=-66.71$ $NO=-0.04$

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Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=48387.70$ $\sigma_0=126680.00$ $\sigma_{ID}=135606.00$ $\Sigma_T=175067.00$
Azioni sul cordone: TP=-71.16 TO=0.00 NO=-0.04
Tensioni nel cordone: $\tau_p=48387.70$ $\tau_0=2.12E-003$ $\sigma_0=100575.00$ $\sigma_{ID}=111610.00$ $\Sigma_T=100575.00$
CC 3 SLV (Collegamento 0007_-249)
Azioni sul collegamento: N=-0.41 Tz=-764.94 My=-267.73
Sollecitazioni agenti localmente: $Ty_1=-764.94$ $N_1=-0.41$ $Mx_1=267.73$
Azioni sul cordone: TP=-0.00 TO=177.89 NO=-0.10
Tensioni nel cordone: $\tau_p=4.23E-003$ $\tau_0=48387.70$ $\sigma_0=145049.00$ $\sigma_{ID}=152907.00$ $\Sigma_T=193437.00$
Azioni sul cordone: TP=0.00 TO=-66.71 NO=-0.04
Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=48387.70$ $\sigma_0=126680.00$ $\sigma_{ID}=135606.00$ $\Sigma_T=175067.00$
Azioni sul cordone: TP=-71.16 TO=0.00 NO=-0.04
Tensioni nel cordone: $\tau_p=48387.70$ $\tau_0=2.12E-003$ $\sigma_0=100575.00$ $\sigma_{ID}=111610.00$ $\Sigma_T=100575.00$
CC 4 SLV (Collegamento 0007_-249)
Azioni sul collegamento: N=-0.41 Tz=758.53 My=265.48
Sollecitazioni agenti localmente: $Ty_1=758.53$ $N_1=-0.41$ $Mx_1=-265.48$
Azioni sul cordone: TP=0.00 TO=176.40 NO=-0.10
Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=47982.20$ $\sigma_0=143834.00$ $\sigma_{ID}=151626.00$ $\Sigma_T=191816.00$
Azioni sul cordone: TP=0.00 TO=66.15 NO=-0.04
Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=47982.20$ $\sigma_0=125566.00$ $\sigma_{ID}=134422.00$ $\Sigma_T=173549.00$
Azioni sul cordone: TP=70.56 TO=-0.00 NO=-0.04
Tensioni nel cordone: $\tau_p=47982.20$ $\tau_0=2.10E-003$ $\sigma_0=99732.80$ $\sigma_{ID}=110675.00$ $\Sigma_T=99732.80$
CC 4 SLV (Collegamento 0007_-249)
Azioni sul collegamento: N=-0.41 Tz=758.53 My=265.48
Sollecitazioni agenti localmente: $Ty_1=758.53$ $N_1=-0.41$ $Mx_1=-265.48$
Azioni sul cordone: TP=0.00 TO=176.40 NO=-0.10
Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=47982.20$ $\sigma_0=143834.00$ $\sigma_{ID}=151626.00$ $\Sigma_T=191816.00$
Azioni sul cordone: TP=0.00 TO=66.15 NO=-0.04
Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=47982.20$ $\sigma_0=125566.00$ $\sigma_{ID}=134422.00$ $\Sigma_T=173549.00$
Azioni sul cordone: TP=70.56 TO=-0.00 NO=-0.04
Tensioni nel cordone: $\tau_p=47982.20$ $\tau_0=2.10E-003$ $\sigma_0=99732.80$ $\sigma_{ID}=110675.00$ $\Sigma_T=99732.80$
CC 4 SLV (Collegamento 0007_-249)
Azioni sul collegamento: N=-0.41 Tz=-757.95 My=-265.28
Sollecitazioni agenti localmente: $Ty_1=-757.95$ $N_1=-0.41$ $Mx_1=265.28$
Azioni sul cordone: TP=-0.00 TO=176.27 NO=-0.10
Tensioni nel cordone: $\tau_p=4.19E-003$ $\tau_0=47945.50$ $\sigma_0=143724.00$ $\sigma_{ID}=151510.00$ $\Sigma_T=191669.00$
Azioni sul cordone: TP=0.00 TO=-66.10 NO=-0.04
Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=47945.50$ $\sigma_0=125522.00$ $\sigma_{ID}=134367.00$ $\Sigma_T=173468.00$
Azioni sul cordone: TP=-70.51 TO=0.00 NO=-0.04
Tensioni nel cordone: $\tau_p=47945.40$ $\tau_0=2.10E-003$ $\sigma_0=99656.40$ $\sigma_{ID}=110590.00$ $\Sigma_T=99656.40$
CC 4 SLV (Collegamento 0007_-249)
Azioni sul collegamento: N=-0.41 Tz=-757.95 My=-265.28
Sollecitazioni agenti localmente: $Ty_1=-757.95$ $N_1=-0.41$ $Mx_1=265.28$
Azioni sul cordone: TP=-0.00 TO=176.27 NO=-0.10
Tensioni nel cordone: $\tau_p=4.19E-003$ $\tau_0=47945.50$ $\sigma_0=143724.00$ $\sigma_{ID}=151510.00$ $\Sigma_T=191669.00$
Azioni sul cordone: TP=0.00 TO=-66.10 NO=-0.04
Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=47945.50$ $\sigma_0=125522.00$ $\sigma_{ID}=134367.00$ $\Sigma_T=173468.00$
Azioni sul cordone: TP=-70.51 TO=0.00 NO=-0.04
Tensioni nel cordone: $\tau_p=47945.40$ $\tau_0=2.10E-003$ $\sigma_0=99656.40$ $\sigma_{ID}=110590.00$ $\Sigma_T=99656.40$
CC 4 SLV (Collegamento 0007_-249)
Azioni sul collegamento: N=-0.41 Tz=758.53 My=265.48
Sollecitazioni agenti localmente: $Ty_1=758.53$ $N_1=-0.41$ $Mx_1=-265.48$
Azioni sul cordone: TP=0.00 TO=176.40 NO=-0.10
Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=47982.20$ $\sigma_0=143834.00$ $\sigma_{ID}=151626.00$ $\Sigma_T=191816.00$
Azioni sul cordone: TP=0.00 TO=66.15 NO=-0.04
Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=47982.20$ $\sigma_0=125566.00$ $\sigma_{ID}=134422.00$ $\Sigma_T=173549.00$
Azioni sul cordone: TP=70.56 TO=-0.00 NO=-0.04
Tensioni nel cordone: $\tau_p=47982.20$ $\tau_0=2.10E-003$ $\sigma_0=99732.80$ $\sigma_{ID}=110675.00$ $\Sigma_T=99732.80$
CC 4 SLV (Collegamento 0007_-249)
Azioni sul collegamento: N=-0.41 Tz=758.53 My=265.48
Sollecitazioni agenti localmente: $Ty_1=758.53$ $N_1=-0.41$ $Mx_1=-265.48$
Azioni sul cordone: TP=0.00 TO=176.40 NO=-0.10
Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=47982.20$ $\sigma_0=143834.00$ $\sigma_{ID}=151626.00$ $\Sigma_T=191816.00$
Azioni sul cordone: TP=0.00 TO=66.15 NO=-0.04
Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=47982.20$ $\sigma_0=125566.00$ $\sigma_{ID}=134422.00$ $\Sigma_T=173549.00$
Azioni sul cordone: TP=70.56 TO=-0.00 NO=-0.04
Tensioni nel cordone: $\tau_p=47982.20$ $\tau_0=2.10E-003$ $\sigma_0=99732.80$ $\sigma_{ID}=110675.00$ $\Sigma_T=99732.80$
CC 4 SLV (Collegamento 0007_-249)
Azioni sul collegamento: N=-0.41 Tz=-757.95 My=-265.28
Sollecitazioni agenti localmente: $Ty_1=-757.95$ $N_1=-0.41$ $Mx_1=265.28$
Azioni sul cordone: TP=-0.00 TO=176.27 NO=-0.10
Tensioni nel cordone: $\tau_p=4.19E-003$ $\tau_0=47945.50$ $\sigma_0=143724.00$ $\sigma_{ID}=151510.00$ $\Sigma_T=191669.00$
Azioni sul cordone: TP=0.00 TO=-66.10 NO=-0.04
Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=47945.50$ $\sigma_0=125522.00$ $\sigma_{ID}=134367.00$ $\Sigma_T=173468.00$
Azioni sul cordone: TP=-70.51 TO=0.00 NO=-0.04
Tensioni nel cordone: $\tau_p=47945.40$ $\tau_0=2.10E-003$ $\sigma_0=99656.40$ $\sigma_{ID}=110590.00$ $\Sigma_T=99656.40$
CC 4 SLV (Collegamento 0007_-249)
Azioni sul collegamento: N=-0.41 Tz=-757.95 My=-265.28
Sollecitazioni agenti localmente: $Ty_1=-757.95$ $N_1=-0.41$ $Mx_1=265.28$

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Azioni sul cordone: TP=-0.00 TO=176.27 NO=-0.10
 Tensioni nel cordone: $\tau_p=4.19E-003$ $\tau_0=47945.50$ $\sigma_0=143724.00$ $\sigma_{ID}=151510.00$ $\Sigma_T=191669.00$
 Azioni sul cordone: TP=0.00 TO=-66.10 NO=-0.04
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=47945.50$ $\sigma_0=125522.00$ $\sigma_{ID}=134367.00$ $\Sigma_T=173468.00$
 Azioni sul cordone: TP=-70.51 TO=0.00 NO=-0.04
 Tensioni nel cordone: $\tau_p=47945.40$ $\tau_0=2.10E-003$ $\sigma_0=99656.40$ $\sigma_{ID}=110590.00$ $\Sigma_T=99656.40$
 CC 5 SLV (Collegamento 0007_-249)
 Azioni sul collegamento: N=-0.41 Tz=241.10 My=84.39
 Sollecitazioni agenti localmente: Ty₁=241.10 N₁=-0.41 Mx₁=-84.39
 Azioni sul cordone: TP=0.00 TO=56.07 NO=-0.10
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=15251.30$ $\sigma_0=45736.10$ $\sigma_{ID}=48212.00$ $\Sigma_T=60987.40$
 Azioni sul cordone: TP=0.00 TO=21.03 NO=-0.04
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=15251.30$ $\sigma_0=39894.30$ $\sigma_{ID}=42710.20$ $\Sigma_T=55145.70$
 Azioni sul cordone: TP=22.43 TO=-0.00 NO=-0.04
 Tensioni nel cordone: $\tau_p=15251.30$ $\tau_0=6.67E-004$ $\sigma_0=31718.30$ $\sigma_{ID}=35194.50$ $\Sigma_T=31718.30$
 CC 5 SLV (Collegamento 0007_-249)
 Azioni sul collegamento: N=-0.41 Tz=241.10 My=84.39
 Sollecitazioni agenti localmente: Ty₁=241.10 N₁=-0.41 Mx₁=-84.39
 Azioni sul cordone: TP=0.00 TO=56.07 NO=-0.10
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=15251.30$ $\sigma_0=45736.10$ $\sigma_{ID}=48212.00$ $\Sigma_T=60987.40$
 Azioni sul cordone: TP=0.00 TO=21.03 NO=-0.04
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=15251.30$ $\sigma_0=39894.30$ $\sigma_{ID}=42710.20$ $\Sigma_T=55145.70$
 Azioni sul cordone: TP=22.43 TO=-0.00 NO=-0.04
 Tensioni nel cordone: $\tau_p=15251.30$ $\tau_0=6.67E-004$ $\sigma_0=31718.30$ $\sigma_{ID}=35194.50$ $\Sigma_T=31718.30$
 CC 5 SLV (Collegamento 0007_-249)
 Azioni sul collegamento: N=-0.41 Tz=-240.52 My=-84.18
 Sollecitazioni agenti localmente: Ty₁=-240.52 N₁=-0.41 Mx₁=84.18
 Azioni sul cordone: TP=-0.00 TO=55.93 NO=-0.10
 Tensioni nel cordone: $\tau_p=1.33E-003$ $\tau_0=15214.60$ $\sigma_0=45626.00$ $\sigma_{ID}=48095.90$ $\Sigma_T=60840.60$
 Azioni sul cordone: TP=0.00 TO=-20.98 NO=-0.04
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=15214.60$ $\sigma_0=39850.00$ $\sigma_{ID}=42655.70$ $\Sigma_T=55064.60$
 Azioni sul cordone: TP=-22.37 TO=0.00 NO=-0.04
 Tensioni nel cordone: $\tau_p=15214.60$ $\tau_0=6.65E-004$ $\sigma_0=31642.00$ $\sigma_{ID}=35109.80$ $\Sigma_T=31642.00$
 CC 5 SLV (Collegamento 0007_-249)
 Azioni sul collegamento: N=-0.41 Tz=-240.52 My=-84.18
 Sollecitazioni agenti localmente: Ty₁=-240.52 N₁=-0.41 Mx₁=84.18
 Azioni sul cordone: TP=-0.00 TO=55.93 NO=-0.10
 Tensioni nel cordone: $\tau_p=1.33E-003$ $\tau_0=15214.60$ $\sigma_0=45626.00$ $\sigma_{ID}=48095.90$ $\Sigma_T=60840.60$
 Azioni sul cordone: TP=0.00 TO=-20.98 NO=-0.04
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=15214.60$ $\sigma_0=39850.00$ $\sigma_{ID}=42655.70$ $\Sigma_T=55064.60$
 Azioni sul cordone: TP=-22.37 TO=0.00 NO=-0.04
 Tensioni nel cordone: $\tau_p=15214.60$ $\tau_0=6.65E-004$ $\sigma_0=31642.00$ $\sigma_{ID}=35109.80$ $\Sigma_T=31642.00$
 CC 5 SLV (Collegamento 0007_-249)
 Azioni sul collegamento: N=-0.41 Tz=241.10 My=84.39
 Sollecitazioni agenti localmente: Ty₁=241.10 N₁=-0.41 Mx₁=-84.39
 Azioni sul cordone: TP=0.00 TO=56.07 NO=-0.10
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=15251.30$ $\sigma_0=45736.10$ $\sigma_{ID}=48212.00$ $\Sigma_T=60987.40$
 Azioni sul cordone: TP=0.00 TO=21.03 NO=-0.04
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=15251.30$ $\sigma_0=39894.30$ $\sigma_{ID}=42710.20$ $\Sigma_T=55145.70$
 Azioni sul cordone: TP=22.43 TO=-0.00 NO=-0.04
 Tensioni nel cordone: $\tau_p=15251.30$ $\tau_0=6.67E-004$ $\sigma_0=31718.30$ $\sigma_{ID}=35194.50$ $\Sigma_T=31718.30$
 CC 5 SLV (Collegamento 0007_-249)
 Azioni sul collegamento: N=-0.41 Tz=241.10 My=84.39
 Sollecitazioni agenti localmente: Ty₁=241.10 N₁=-0.41 Mx₁=-84.39
 Azioni sul cordone: TP=0.00 TO=56.07 NO=-0.10
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=15251.30$ $\sigma_0=45736.10$ $\sigma_{ID}=48212.00$ $\Sigma_T=60987.40$
 Azioni sul cordone: TP=0.00 TO=21.03 NO=-0.04
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=15251.30$ $\sigma_0=39894.30$ $\sigma_{ID}=42710.20$ $\Sigma_T=55145.70$
 Azioni sul cordone: TP=22.43 TO=-0.00 NO=-0.04
 Tensioni nel cordone: $\tau_p=15251.30$ $\tau_0=6.67E-004$ $\sigma_0=31718.30$ $\sigma_{ID}=35194.50$ $\Sigma_T=31718.30$
 CC 5 SLV (Collegamento 0007_-249)
 Azioni sul collegamento: N=-0.41 Tz=-240.52 My=-84.18
 Sollecitazioni agenti localmente: Ty₁=-240.52 N₁=-0.41 Mx₁=84.18
 Azioni sul cordone: TP=-0.00 TO=55.93 NO=-0.10
 Tensioni nel cordone: $\tau_p=1.33E-003$ $\tau_0=15214.60$ $\sigma_0=45626.00$ $\sigma_{ID}=48095.90$ $\Sigma_T=60840.60$
 Azioni sul cordone: TP=0.00 TO=-20.98 NO=-0.04
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=15214.60$ $\sigma_0=39850.00$ $\sigma_{ID}=42655.70$ $\Sigma_T=55064.60$
 Azioni sul cordone: TP=-22.37 TO=0.00 NO=-0.04
 Tensioni nel cordone: $\tau_p=15214.60$ $\tau_0=6.65E-004$ $\sigma_0=31642.00$ $\sigma_{ID}=35109.80$ $\Sigma_T=31642.00$
 CC 5 SLV (Collegamento 0007_-249)
 Azioni sul collegamento: N=-0.41 Tz=-240.52 My=-84.18
 Sollecitazioni agenti localmente: Ty₁=-240.52 N₁=-0.41 Mx₁=84.18
 Azioni sul cordone: TP=-0.00 TO=55.93 NO=-0.10
 Tensioni nel cordone: $\tau_p=1.33E-003$ $\tau_0=15214.60$ $\sigma_0=45626.00$ $\sigma_{ID}=48095.90$ $\Sigma_T=60840.60$
 Azioni sul cordone: TP=0.00 TO=-20.98 NO=-0.04
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=15214.60$ $\sigma_0=39850.00$ $\sigma_{ID}=42655.70$ $\Sigma_T=55064.60$
 Azioni sul cordone: TP=-22.37 TO=0.00 NO=-0.04
 Tensioni nel cordone: $\tau_p=15214.60$ $\tau_0=6.65E-004$ $\sigma_0=31642.00$ $\sigma_{ID}=35109.80$ $\Sigma_T=31642.00$

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CC 6 SLV (Collegamento 0007_-249)
Azioni sul collegamento: $N=-0.41$ $T_z=234.11$ $M_y=81.94$
Sollecitazioni agenti localmente: $T_{y1}=234.11$ $N_1=-0.41$ $M_{x1}=-81.94$
Azioni sul cordone: $TP=0.00$ $TO=54.44$ $NO=-0.10$
Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=14809.10$ $\sigma_0=44410.70$ $\sigma_{ID}=46814.70$ $\Sigma_T=59219.80$
Azioni sul cordone: $TP=0.00$ $TO=20.42$ $NO=-0.04$
Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=14809.10$ $\sigma_0=38736.80$ $\sigma_{ID}=41471.10$ $\Sigma_T=53545.90$
Azioni sul cordone: $TP=21.78$ $TO=-0.00$ $NO=-0.04$
Tensioni nel cordone: $\tau_p=14809.10$ $\tau_0=6.47E-004$ $\sigma_0=30799.40$ $\sigma_{ID}=34174.70$ $\Sigma_T=30799.40$
CC 6 SLV (Collegamento 0007_-249)
Azioni sul collegamento: $N=-0.41$ $T_z=234.11$ $M_y=81.94$
Sollecitazioni agenti localmente: $T_{y1}=234.11$ $N_1=-0.41$ $M_{x1}=-81.94$
Azioni sul cordone: $TP=0.00$ $TO=54.44$ $NO=-0.10$
Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=14809.10$ $\sigma_0=44410.70$ $\sigma_{ID}=46814.70$ $\Sigma_T=59219.80$
Azioni sul cordone: $TP=0.00$ $TO=20.42$ $NO=-0.04$
Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=14809.10$ $\sigma_0=38736.80$ $\sigma_{ID}=41471.10$ $\Sigma_T=53545.90$
Azioni sul cordone: $TP=21.78$ $TO=-0.00$ $NO=-0.04$
Tensioni nel cordone: $\tau_p=14809.10$ $\tau_0=6.47E-004$ $\sigma_0=30799.40$ $\sigma_{ID}=34174.70$ $\Sigma_T=30799.40$
CC 6 SLV (Collegamento 0007_-249)
Azioni sul collegamento: $N=-0.41$ $T_z=-233.53$ $M_y=-81.74$
Sollecitazioni agenti localmente: $T_{y1}=-233.53$ $N_1=-0.41$ $M_{x1}=81.74$
Azioni sul cordone: $TP=-0.00$ $TO=54.31$ $NO=-0.10$
Tensioni nel cordone: $\tau_p=1.29E-003$ $\tau_0=14772.40$ $\sigma_0=44300.60$ $\sigma_{ID}=46698.70$ $\Sigma_T=59073.00$
Azioni sul cordone: $TP=0.00$ $TO=-20.37$ $NO=-0.04$
Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=14772.40$ $\sigma_0=38692.50$ $\sigma_{ID}=41416.60$ $\Sigma_T=53464.90$
Azioni sul cordone: $TP=-21.72$ $TO=0.00$ $NO=-0.04$
Tensioni nel cordone: $\tau_p=14772.40$ $\tau_0=6.46E-004$ $\sigma_0=30723.00$ $\sigma_{ID}=34090.00$ $\Sigma_T=30723.00$
CC 6 SLV (Collegamento 0007_-249)
Azioni sul collegamento: $N=-0.41$ $T_z=-233.53$ $M_y=-81.74$
Sollecitazioni agenti localmente: $T_{y1}=-233.53$ $N_1=-0.41$ $M_{x1}=81.74$
Azioni sul cordone: $TP=-0.00$ $TO=54.31$ $NO=-0.10$
Tensioni nel cordone: $\tau_p=1.29E-003$ $\tau_0=14772.40$ $\sigma_0=44300.60$ $\sigma_{ID}=46698.70$ $\Sigma_T=59073.00$
Azioni sul cordone: $TP=0.00$ $TO=-20.37$ $NO=-0.04$
Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=14772.40$ $\sigma_0=38692.50$ $\sigma_{ID}=41416.60$ $\Sigma_T=53464.90$
Azioni sul cordone: $TP=-21.72$ $TO=0.00$ $NO=-0.04$
Tensioni nel cordone: $\tau_p=14772.40$ $\tau_0=6.46E-004$ $\sigma_0=30723.00$ $\sigma_{ID}=34090.00$ $\Sigma_T=30723.00$
CC 6 SLV (Collegamento 0007_-249)
Azioni sul collegamento: $N=-0.41$ $T_z=234.11$ $M_y=81.94$
Sollecitazioni agenti localmente: $T_{y1}=234.11$ $N_1=-0.41$ $M_{x1}=-81.94$
Azioni sul cordone: $TP=0.00$ $TO=54.44$ $NO=-0.10$
Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=14809.10$ $\sigma_0=44410.70$ $\sigma_{ID}=46814.70$ $\Sigma_T=59219.80$
Azioni sul cordone: $TP=0.00$ $TO=20.42$ $NO=-0.04$
Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=14809.10$ $\sigma_0=38736.80$ $\sigma_{ID}=41471.10$ $\Sigma_T=53545.90$
Azioni sul cordone: $TP=21.78$ $TO=-0.00$ $NO=-0.04$
Tensioni nel cordone: $\tau_p=14809.10$ $\tau_0=6.47E-004$ $\sigma_0=30799.40$ $\sigma_{ID}=34174.70$ $\Sigma_T=30799.40$
CC 6 SLV (Collegamento 0007_-249)
Azioni sul collegamento: $N=-0.41$ $T_z=234.11$ $M_y=81.94$
Sollecitazioni agenti localmente: $T_{y1}=234.11$ $N_1=-0.41$ $M_{x1}=-81.94$
Azioni sul cordone: $TP=0.00$ $TO=54.44$ $NO=-0.10$
Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=14809.10$ $\sigma_0=44410.70$ $\sigma_{ID}=46814.70$ $\Sigma_T=59219.80$
Azioni sul cordone: $TP=0.00$ $TO=20.42$ $NO=-0.04$
Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=14809.10$ $\sigma_0=38736.80$ $\sigma_{ID}=41471.10$ $\Sigma_T=53545.90$
Azioni sul cordone: $TP=21.78$ $TO=-0.00$ $NO=-0.04$
Tensioni nel cordone: $\tau_p=14809.10$ $\tau_0=6.47E-004$ $\sigma_0=30799.40$ $\sigma_{ID}=34174.70$ $\Sigma_T=30799.40$
CC 6 SLV (Collegamento 0007_-249)
Azioni sul collegamento: $N=-0.41$ $T_z=-233.53$ $M_y=-81.74$
Sollecitazioni agenti localmente: $T_{y1}=-233.53$ $N_1=-0.41$ $M_{x1}=81.74$
Azioni sul cordone: $TP=-0.00$ $TO=54.31$ $NO=-0.10$
Tensioni nel cordone: $\tau_p=1.29E-003$ $\tau_0=14772.40$ $\sigma_0=44300.60$ $\sigma_{ID}=46698.70$ $\Sigma_T=59073.00$
Azioni sul cordone: $TP=0.00$ $TO=-20.37$ $NO=-0.04$
Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=14772.40$ $\sigma_0=38692.50$ $\sigma_{ID}=41416.60$ $\Sigma_T=53464.90$
Azioni sul cordone: $TP=-21.72$ $TO=0.00$ $NO=-0.04$
Tensioni nel cordone: $\tau_p=14772.40$ $\tau_0=6.46E-004$ $\sigma_0=30723.00$ $\sigma_{ID}=34090.00$ $\Sigma_T=30723.00$
CC 6 SLV (Collegamento 0007_-249)
Azioni sul collegamento: $N=-0.41$ $T_z=-233.53$ $M_y=-81.74$
Sollecitazioni agenti localmente: $T_{y1}=-233.53$ $N_1=-0.41$ $M_{x1}=81.74$
Azioni sul cordone: $TP=-0.00$ $TO=54.31$ $NO=-0.10$
Tensioni nel cordone: $\tau_p=1.29E-003$ $\tau_0=14772.40$ $\sigma_0=44300.60$ $\sigma_{ID}=46698.70$ $\Sigma_T=59073.00$
Azioni sul cordone: $TP=0.00$ $TO=-20.37$ $NO=-0.04$
Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=14772.40$ $\sigma_0=38692.50$ $\sigma_{ID}=41416.60$ $\Sigma_T=53464.90$
Azioni sul cordone: $TP=-21.72$ $TO=0.00$ $NO=-0.04$
Tensioni nel cordone: $\tau_p=14772.40$ $\tau_0=6.46E-004$ $\sigma_0=30723.00$ $\sigma_{ID}=34090.00$ $\Sigma_T=30723.00$
CC 7 SLV (Collegamento 0007_-249)
Azioni sul collegamento: $N=-0.41$ $T_z=-217.39$ $M_y=-76.09$
Sollecitazioni agenti localmente: $T_{y1}=-217.39$ $N_1=-0.41$ $M_{x1}=76.09$
Azioni sul cordone: $TP=-0.00$ $TO=50.56$ $NO=-0.10$
Tensioni nel cordone: $\tau_p=1.20E-003$ $\tau_0=13751.50$ $\sigma_0=41240.50$ $\sigma_{ID}=43472.80$ $\Sigma_T=54992.00$
Azioni sul cordone: $TP=0.00$ $TO=-18.96$ $NO=-0.04$

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Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=13751.50$ $\sigma_0=36020.00$ $\sigma_{ID}=38555.70$ $\Sigma_T=49771.50$
 Azioni sul cordone: TP=-20.22 TO=0.00 NO=-0.04
 Tensioni nel cordone: $\tau_p=13751.50$ $\tau_0=6.01E-004$ $\sigma_0=28601.40$ $\sigma_{ID}=31735.50$ $\Sigma_T=28601.40$
 CC 7 SLV (Collegamento 0007_-249)
 Azioni sul collegamento: N=-0.41 Tz=-217.39 My=-76.09
 Sollecitazioni agenti localmente: $Ty_1=-217.39$ $N_1=-0.41$ $Mx_1=76.09$
 Azioni sul cordone: TP=-0.00 TO=50.56 NO=-0.10
 Tensioni nel cordone: $\tau_p=1.20E-003$ $\tau_0=13751.50$ $\sigma_0=41240.50$ $\sigma_{ID}=43472.80$ $\Sigma_T=54992.00$
 Azioni sul cordone: TP=0.00 TO=-18.96 NO=-0.04
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=13751.50$ $\sigma_0=36020.00$ $\sigma_{ID}=38555.70$ $\Sigma_T=49771.50$
 Azioni sul cordone: TP=-20.22 TO=0.00 NO=-0.04
 Tensioni nel cordone: $\tau_p=13751.50$ $\tau_0=6.01E-004$ $\sigma_0=28601.40$ $\sigma_{ID}=31735.50$ $\Sigma_T=28601.40$
 CC 7 SLV (Collegamento 0007_-249)
 Azioni sul collegamento: N=-0.41 Tz=217.97 My=76.29
 Sollecitazioni agenti localmente: $Ty_1=217.97$ $N_1=-0.41$ $Mx_1=-76.29$
 Azioni sul cordone: TP=0.00 TO=50.69 NO=-0.10
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=13788.30$ $\sigma_0=41350.60$ $\sigma_{ID}=43588.80$ $\Sigma_T=55138.80$
 Azioni sul cordone: TP=0.00 TO=19.01 NO=-0.04
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=13788.30$ $\sigma_0=36064.30$ $\sigma_{ID}=38610.20$ $\Sigma_T=49852.60$
 Azioni sul cordone: TP=20.28 TO=-0.00 NO=-0.04
 Tensioni nel cordone: $\tau_p=13788.30$ $\tau_0=6.03E-004$ $\sigma_0=28677.70$ $\sigma_{ID}=31820.20$ $\Sigma_T=28677.70$
 CC 7 SLV (Collegamento 0007_-249)
 Azioni sul collegamento: N=-0.41 Tz=217.97 My=76.29
 Sollecitazioni agenti localmente: $Ty_1=217.97$ $N_1=-0.41$ $Mx_1=-76.29$
 Azioni sul cordone: TP=0.00 TO=50.69 NO=-0.10
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=13788.30$ $\sigma_0=41350.60$ $\sigma_{ID}=43588.80$ $\Sigma_T=55138.80$
 Azioni sul cordone: TP=0.00 TO=19.01 NO=-0.04
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=13788.30$ $\sigma_0=36064.30$ $\sigma_{ID}=38610.20$ $\Sigma_T=49852.60$
 Azioni sul cordone: TP=20.28 TO=-0.00 NO=-0.04
 Tensioni nel cordone: $\tau_p=13788.30$ $\tau_0=6.03E-004$ $\sigma_0=28677.70$ $\sigma_{ID}=31820.20$ $\Sigma_T=28677.70$
 CC 7 SLV (Collegamento 0007_-249)
 Azioni sul collegamento: N=-0.41 Tz=-217.39 My=-76.09
 Sollecitazioni agenti localmente: $Ty_1=-217.39$ $N_1=-0.41$ $Mx_1=76.09$
 Azioni sul cordone: TP=-0.00 TO=50.56 NO=-0.10
 Tensioni nel cordone: $\tau_p=1.20E-003$ $\tau_0=13751.50$ $\sigma_0=41240.50$ $\sigma_{ID}=43472.80$ $\Sigma_T=54992.00$
 Azioni sul cordone: TP=0.00 TO=-18.96 NO=-0.04
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=13751.50$ $\sigma_0=36020.00$ $\sigma_{ID}=38555.70$ $\Sigma_T=49771.50$
 Azioni sul cordone: TP=-20.22 TO=0.00 NO=-0.04
 Tensioni nel cordone: $\tau_p=13751.50$ $\tau_0=6.01E-004$ $\sigma_0=28601.40$ $\sigma_{ID}=31735.50$ $\Sigma_T=28601.40$
 CC 7 SLV (Collegamento 0007_-249)
 Azioni sul collegamento: N=-0.41 Tz=-217.39 My=-76.09
 Sollecitazioni agenti localmente: $Ty_1=-217.39$ $N_1=-0.41$ $Mx_1=76.09$
 Azioni sul cordone: TP=-0.00 TO=50.56 NO=-0.10
 Tensioni nel cordone: $\tau_p=1.20E-003$ $\tau_0=13751.50$ $\sigma_0=41240.50$ $\sigma_{ID}=43472.80$ $\Sigma_T=54992.00$
 Azioni sul cordone: TP=0.00 TO=-18.96 NO=-0.04
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=13751.50$ $\sigma_0=36020.00$ $\sigma_{ID}=38555.70$ $\Sigma_T=49771.50$
 Azioni sul cordone: TP=-20.22 TO=0.00 NO=-0.04
 Tensioni nel cordone: $\tau_p=13751.50$ $\tau_0=6.01E-004$ $\sigma_0=28601.40$ $\sigma_{ID}=31735.50$ $\Sigma_T=28601.40$
 CC 7 SLV (Collegamento 0007_-249)
 Azioni sul collegamento: N=-0.41 Tz=217.97 My=76.29
 Sollecitazioni agenti localmente: $Ty_1=217.97$ $N_1=-0.41$ $Mx_1=-76.29$
 Azioni sul cordone: TP=0.00 TO=50.69 NO=-0.10
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=13788.30$ $\sigma_0=41350.60$ $\sigma_{ID}=43588.80$ $\Sigma_T=55138.80$
 Azioni sul cordone: TP=0.00 TO=19.01 NO=-0.04
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=13788.30$ $\sigma_0=36064.30$ $\sigma_{ID}=38610.20$ $\Sigma_T=49852.60$
 Azioni sul cordone: TP=20.28 TO=-0.00 NO=-0.04
 Tensioni nel cordone: $\tau_p=13788.30$ $\tau_0=6.03E-004$ $\sigma_0=28677.70$ $\sigma_{ID}=31820.20$ $\Sigma_T=28677.70$
 CC 7 SLV (Collegamento 0007_-249)
 Azioni sul collegamento: N=-0.41 Tz=217.97 My=76.29
 Sollecitazioni agenti localmente: $Ty_1=217.97$ $N_1=-0.41$ $Mx_1=-76.29$
 Azioni sul cordone: TP=0.00 TO=50.69 NO=-0.10
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=13788.30$ $\sigma_0=41350.60$ $\sigma_{ID}=43588.80$ $\Sigma_T=55138.80$
 Azioni sul cordone: TP=0.00 TO=19.01 NO=-0.04
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=13788.30$ $\sigma_0=36064.30$ $\sigma_{ID}=38610.20$ $\Sigma_T=49852.60$
 Azioni sul cordone: TP=20.28 TO=-0.00 NO=-0.04
 Tensioni nel cordone: $\tau_p=13788.30$ $\tau_0=6.03E-004$ $\sigma_0=28677.70$ $\sigma_{ID}=31820.20$ $\Sigma_T=28677.70$
 CC 8 SLV (Collegamento 0007_-249)
 Azioni sul collegamento: N=-0.41 Tz=-224.38 My=-78.53
 Sollecitazioni agenti localmente: $Ty_1=-224.38$ $N_1=-0.41$ $Mx_1=78.53$
 Azioni sul cordone: TP=-0.00 TO=52.18 NO=-0.10
 Tensioni nel cordone: $\tau_p=1.24E-003$ $\tau_0=14193.70$ $\sigma_0=42565.90$ $\sigma_{ID}=44870.00$ $\Sigma_T=56759.60$
 Azioni sul cordone: TP=0.00 TO=-19.57 NO=-0.04
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=14193.70$ $\sigma_0=37177.50$ $\sigma_{ID}=39794.80$ $\Sigma_T=51371.20$
 Azioni sul cordone: TP=-20.87 TO=0.00 NO=-0.04
 Tensioni nel cordone: $\tau_p=14193.70$ $\tau_0=6.20E-004$ $\sigma_0=29520.30$ $\sigma_{ID}=32755.30$ $\Sigma_T=29520.30$
 CC 8 SLV (Collegamento 0007_-249)
 Azioni sul collegamento: N=-0.41 Tz=-224.38 My=-78.53
 Sollecitazioni agenti localmente: $Ty_1=-224.38$ $N_1=-0.41$ $Mx_1=78.53$

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Azioni sul cordone: TP=-0.00 TO=52.18 NO=-0.10
 Tensioni nel cordone: $\tau_p=1.24E-003$ $\tau_0=14193.70$ $\sigma_0=42565.90$ $\sigma_{ID}=44870.00$ $\Sigma_T=56759.60$
 Azioni sul cordone: TP=0.00 TO=-19.57 NO=-0.04
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=14193.70$ $\sigma_0=37177.50$ $\sigma_{ID}=39794.80$ $\Sigma_T=51371.20$
 Azioni sul cordone: TP=-20.87 TO=0.00 NO=-0.04
 Tensioni nel cordone: $\tau_p=14193.70$ $\tau_0=6.20E-004$ $\sigma_0=29520.30$ $\sigma_{ID}=32755.30$ $\Sigma_T=29520.30$
 CC 8 SLV (Collegamento 0007_-249)
 Azioni sul collegamento: N=-0.41 Tz=224.96 My=78.74
 Sollecitazioni agenti localmente: $Ty_1=224.96$ $N_1=-0.41$ $Mx_1=-78.74$
 Azioni sul cordone: TP=0.00 TO=52.32 NO=-0.10
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=14230.50$ $\sigma_0=42676.00$ $\sigma_{ID}=44986.10$ $\Sigma_T=56906.50$
 Azioni sul cordone: TP=0.00 TO=19.62 NO=-0.04
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=14230.50$ $\sigma_0=37221.80$ $\sigma_{ID}=39849.30$ $\Sigma_T=51452.30$
 Azioni sul cordone: TP=20.93 TO=-0.00 NO=-0.04
 Tensioni nel cordone: $\tau_p=14230.50$ $\tau_0=6.22E-004$ $\sigma_0=29596.60$ $\sigma_{ID}=32840.00$ $\Sigma_T=29596.60$
 CC 8 SLV (Collegamento 0007_-249)
 Azioni sul collegamento: N=-0.41 Tz=224.96 My=78.74
 Sollecitazioni agenti localmente: $Ty_1=224.96$ $N_1=-0.41$ $Mx_1=-78.74$
 Azioni sul cordone: TP=0.00 TO=52.32 NO=-0.10
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=14230.50$ $\sigma_0=42676.00$ $\sigma_{ID}=44986.10$ $\Sigma_T=56906.50$
 Azioni sul cordone: TP=0.00 TO=19.62 NO=-0.04
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=14230.50$ $\sigma_0=37221.80$ $\sigma_{ID}=39849.30$ $\Sigma_T=51452.30$
 Azioni sul cordone: TP=20.93 TO=-0.00 NO=-0.04
 Tensioni nel cordone: $\tau_p=14230.50$ $\tau_0=6.22E-004$ $\sigma_0=29596.60$ $\sigma_{ID}=32840.00$ $\Sigma_T=29596.60$
 CC 8 SLV (Collegamento 0007_-249)
 Azioni sul collegamento: N=-0.41 Tz=-224.38 My=-78.53
 Sollecitazioni agenti localmente: $Ty_1=-224.38$ $N_1=-0.41$ $Mx_1=78.53$
 Azioni sul cordone: TP=-0.00 TO=52.18 NO=-0.10
 Tensioni nel cordone: $\tau_p=1.24E-003$ $\tau_0=14193.70$ $\sigma_0=42565.90$ $\sigma_{ID}=44870.00$ $\Sigma_T=56759.60$
 Azioni sul cordone: TP=0.00 TO=-19.57 NO=-0.04
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=14193.70$ $\sigma_0=37177.50$ $\sigma_{ID}=39794.80$ $\Sigma_T=51371.20$
 Azioni sul cordone: TP=-20.87 TO=0.00 NO=-0.04
 Tensioni nel cordone: $\tau_p=14193.70$ $\tau_0=6.20E-004$ $\sigma_0=29520.30$ $\sigma_{ID}=32755.30$ $\Sigma_T=29520.30$
 CC 8 SLV (Collegamento 0007_-249)
 Azioni sul collegamento: N=-0.41 Tz=-224.38 My=-78.53
 Sollecitazioni agenti localmente: $Ty_1=-224.38$ $N_1=-0.41$ $Mx_1=78.53$
 Azioni sul cordone: TP=-0.00 TO=52.18 NO=-0.10
 Tensioni nel cordone: $\tau_p=1.24E-003$ $\tau_0=14193.70$ $\sigma_0=42565.90$ $\sigma_{ID}=44870.00$ $\Sigma_T=56759.60$
 Azioni sul cordone: TP=0.00 TO=-19.57 NO=-0.04
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=14193.70$ $\sigma_0=37177.50$ $\sigma_{ID}=39794.80$ $\Sigma_T=51371.20$
 Azioni sul cordone: TP=-20.87 TO=0.00 NO=-0.04
 Tensioni nel cordone: $\tau_p=14193.70$ $\tau_0=6.20E-004$ $\sigma_0=29520.30$ $\sigma_{ID}=32755.30$ $\Sigma_T=29520.30$
 CC 8 SLV (Collegamento 0007_-249)
 Azioni sul collegamento: N=-0.41 Tz=224.96 My=78.74
 Sollecitazioni agenti localmente: $Ty_1=224.96$ $N_1=-0.41$ $Mx_1=-78.74$
 Azioni sul cordone: TP=0.00 TO=52.32 NO=-0.10
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=14230.50$ $\sigma_0=42676.00$ $\sigma_{ID}=44986.10$ $\Sigma_T=56906.50$
 Azioni sul cordone: TP=0.00 TO=19.62 NO=-0.04
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=14230.50$ $\sigma_0=37221.80$ $\sigma_{ID}=39849.30$ $\Sigma_T=51452.30$
 Azioni sul cordone: TP=20.93 TO=-0.00 NO=-0.04
 Tensioni nel cordone: $\tau_p=14230.50$ $\tau_0=6.22E-004$ $\sigma_0=29596.60$ $\sigma_{ID}=32840.00$ $\Sigma_T=29596.60$
 CC 8 SLV (Collegamento 0007_-249)
 Azioni sul collegamento: N=-0.41 Tz=224.96 My=78.74
 Sollecitazioni agenti localmente: $Ty_1=224.96$ $N_1=-0.41$ $Mx_1=-78.74$
 Azioni sul cordone: TP=0.00 TO=52.32 NO=-0.10
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=14230.50$ $\sigma_0=42676.00$ $\sigma_{ID}=44986.10$ $\Sigma_T=56906.50$
 Azioni sul cordone: TP=0.00 TO=19.62 NO=-0.04
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=14230.50$ $\sigma_0=37221.80$ $\sigma_{ID}=39849.30$ $\Sigma_T=51452.30$
 Azioni sul cordone: TP=20.93 TO=-0.00 NO=-0.04
 Tensioni nel cordone: $\tau_p=14230.50$ $\tau_0=6.22E-004$ $\sigma_0=29596.60$ $\sigma_{ID}=32840.00$ $\Sigma_T=29596.60$
 CC 9 SLV (Collegamento 0007_-249)
 Azioni sul collegamento: N=-0.41 Tz=243.61 My=85.26
 Sollecitazioni agenti localmente: $Ty_1=243.61$ $N_1=-0.41$ $Mx_1=-85.26$
 Azioni sul cordone: TP=0.00 TO=56.65 NO=-0.10
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=15410.00$ $\sigma_0=46211.40$ $\sigma_{ID}=48713.00$ $\Sigma_T=61621.30$
 Azioni sul cordone: TP=0.00 TO=21.25 NO=-0.04
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=15410.00$ $\sigma_0=40309.40$ $\sigma_{ID}=43154.50$ $\Sigma_T=55719.40$
 Azioni sul cordone: TP=22.66 TO=-0.00 NO=-0.04
 Tensioni nel cordone: $\tau_p=15410.00$ $\tau_0=6.74E-004$ $\sigma_0=32047.80$ $\sigma_{ID}=35560.20$ $\Sigma_T=32047.80$
 CC 9 SLV (Collegamento 0007_-249)
 Azioni sul collegamento: N=-0.41 Tz=243.61 My=85.26
 Sollecitazioni agenti localmente: $Ty_1=243.61$ $N_1=-0.41$ $Mx_1=-85.26$
 Azioni sul cordone: TP=0.00 TO=56.65 NO=-0.10
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=15410.00$ $\sigma_0=46211.40$ $\sigma_{ID}=48713.00$ $\Sigma_T=61621.30$
 Azioni sul cordone: TP=0.00 TO=21.25 NO=-0.04
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=15410.00$ $\sigma_0=40309.40$ $\sigma_{ID}=43154.50$ $\Sigma_T=55719.40$
 Azioni sul cordone: TP=22.66 TO=-0.00 NO=-0.04
 Tensioni nel cordone: $\tau_p=15410.00$ $\tau_0=6.74E-004$ $\sigma_0=32047.80$ $\sigma_{ID}=35560.20$ $\Sigma_T=32047.80$

Relazione di Calcolo - Ponte Torrente Gogna

CC 9 SLV (Collegamento 0007_-249)
 Azioni sul collegamento: $N=-0.41$ $T_z=-243.03$ $M_y=-85.06$
 Sollecitazioni agenti localmente: $T_{y1}=-243.03$ $N_1=-0.41$ $M_{x1}=85.06$
 Azioni sul cordone: $TP=-0.00$ $TO=56.52$ $NO=-0.10$
 Tensioni nel cordone: $\tau_p=1.34E-003$ $\tau_0=15373.20$ $\sigma_0=46101.30$ $\sigma_{ID}=48597.00$ $\Sigma_T=61474.50$
 Azioni sul cordone: $TP=0.00$ $TO=-21.19$ $NO=-0.04$
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=15373.20$ $\sigma_0=40265.10$ $\sigma_{ID}=43100.00$ $\Sigma_T=55638.30$
 Azioni sul cordone: $TP=-22.61$ $TO=0.00$ $NO=-0.04$
 Tensioni nel cordone: $\tau_p=15373.20$ $\tau_0=6.72E-004$ $\sigma_0=31971.50$ $\sigma_{ID}=35475.50$ $\Sigma_T=31971.50$
 CC 9 SLV (Collegamento 0007_-249)
 Azioni sul collegamento: $N=-0.41$ $T_z=-243.03$ $M_y=-85.06$
 Sollecitazioni agenti localmente: $T_{y1}=-243.03$ $N_1=-0.41$ $M_{x1}=85.06$
 Azioni sul cordone: $TP=-0.00$ $TO=56.52$ $NO=-0.10$
 Tensioni nel cordone: $\tau_p=1.34E-003$ $\tau_0=15373.20$ $\sigma_0=46101.30$ $\sigma_{ID}=48597.00$ $\Sigma_T=61474.50$
 Azioni sul cordone: $TP=0.00$ $TO=-21.19$ $NO=-0.04$
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=15373.20$ $\sigma_0=40265.10$ $\sigma_{ID}=43100.00$ $\Sigma_T=55638.30$
 Azioni sul cordone: $TP=-22.61$ $TO=0.00$ $NO=-0.04$
 Tensioni nel cordone: $\tau_p=15373.20$ $\tau_0=6.72E-004$ $\sigma_0=31971.50$ $\sigma_{ID}=35475.50$ $\Sigma_T=31971.50$
 CC 9 SLV (Collegamento 0007_-249)
 Azioni sul collegamento: $N=-0.41$ $T_z=243.61$ $M_y=85.26$
 Sollecitazioni agenti localmente: $T_{y1}=243.61$ $N_1=-0.41$ $M_{x1}=-85.26$
 Azioni sul cordone: $TP=0.00$ $TO=56.65$ $NO=-0.10$
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=15410.00$ $\sigma_0=46211.40$ $\sigma_{ID}=48713.00$ $\Sigma_T=61621.30$
 Azioni sul cordone: $TP=0.00$ $TO=21.25$ $NO=-0.04$
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=15410.00$ $\sigma_0=40309.40$ $\sigma_{ID}=43154.50$ $\Sigma_T=55719.40$
 Azioni sul cordone: $TP=22.66$ $TO=-0.00$ $NO=-0.04$
 Tensioni nel cordone: $\tau_p=15410.00$ $\tau_0=6.74E-004$ $\sigma_0=32047.80$ $\sigma_{ID}=35560.20$ $\Sigma_T=32047.80$
 CC 9 SLV (Collegamento 0007_-249)
 Azioni sul collegamento: $N=-0.41$ $T_z=243.61$ $M_y=85.26$
 Sollecitazioni agenti localmente: $T_{y1}=243.61$ $N_1=-0.41$ $M_{x1}=-85.26$
 Azioni sul cordone: $TP=0.00$ $TO=56.65$ $NO=-0.10$
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=15410.00$ $\sigma_0=46211.40$ $\sigma_{ID}=48713.00$ $\Sigma_T=61621.30$
 Azioni sul cordone: $TP=0.00$ $TO=21.25$ $NO=-0.04$
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=15410.00$ $\sigma_0=40309.40$ $\sigma_{ID}=43154.50$ $\Sigma_T=55719.40$
 Azioni sul cordone: $TP=22.66$ $TO=-0.00$ $NO=-0.04$
 Tensioni nel cordone: $\tau_p=15410.00$ $\tau_0=6.74E-004$ $\sigma_0=32047.80$ $\sigma_{ID}=35560.20$ $\Sigma_T=32047.80$
 CC 9 SLV (Collegamento 0007_-249)
 Azioni sul collegamento: $N=-0.41$ $T_z=-243.03$ $M_y=-85.06$
 Sollecitazioni agenti localmente: $T_{y1}=-243.03$ $N_1=-0.41$ $M_{x1}=85.06$
 Azioni sul cordone: $TP=-0.00$ $TO=56.52$ $NO=-0.10$
 Tensioni nel cordone: $\tau_p=1.34E-003$ $\tau_0=15373.20$ $\sigma_0=46101.30$ $\sigma_{ID}=48597.00$ $\Sigma_T=61474.50$
 Azioni sul cordone: $TP=0.00$ $TO=-21.19$ $NO=-0.04$
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=15373.20$ $\sigma_0=40265.10$ $\sigma_{ID}=43100.00$ $\Sigma_T=55638.30$
 Azioni sul cordone: $TP=-22.61$ $TO=0.00$ $NO=-0.04$
 Tensioni nel cordone: $\tau_p=15373.20$ $\tau_0=6.72E-004$ $\sigma_0=31971.50$ $\sigma_{ID}=35475.50$ $\Sigma_T=31971.50$
 CC 9 SLV (Collegamento 0007_-249)
 Azioni sul collegamento: $N=-0.41$ $T_z=-243.03$ $M_y=-85.06$
 Sollecitazioni agenti localmente: $T_{y1}=-243.03$ $N_1=-0.41$ $M_{x1}=85.06$
 Azioni sul cordone: $TP=-0.00$ $TO=56.52$ $NO=-0.10$
 Tensioni nel cordone: $\tau_p=1.34E-003$ $\tau_0=15373.20$ $\sigma_0=46101.30$ $\sigma_{ID}=48597.00$ $\Sigma_T=61474.50$
 Azioni sul cordone: $TP=0.00$ $TO=-21.19$ $NO=-0.04$
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=15373.20$ $\sigma_0=40265.10$ $\sigma_{ID}=43100.00$ $\Sigma_T=55638.30$
 Azioni sul cordone: $TP=-22.61$ $TO=0.00$ $NO=-0.04$
 Tensioni nel cordone: $\tau_p=15373.20$ $\tau_0=6.72E-004$ $\sigma_0=31971.50$ $\sigma_{ID}=35475.50$ $\Sigma_T=31971.50$
 CC 10 SLV (Collegamento 0007_-249)
 Azioni sul collegamento: $N=-0.41$ $T_z=238.77$ $M_y=83.57$
 Sollecitazioni agenti localmente: $T_{y1}=238.77$ $N_1=-0.41$ $M_{x1}=-83.57$
 Azioni sul cordone: $TP=0.00$ $TO=55.53$ $NO=-0.10$
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=15103.70$ $\sigma_0=45293.30$ $\sigma_{ID}=47745.20$ $\Sigma_T=60397.00$
 Azioni sul cordone: $TP=0.00$ $TO=20.82$ $NO=-0.04$
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=15103.70$ $\sigma_0=39507.60$ $\sigma_{ID}=42296.30$ $\Sigma_T=54611.40$
 Azioni sul cordone: $TP=22.21$ $TO=-0.00$ $NO=-0.04$
 Tensioni nel cordone: $\tau_p=15103.70$ $\tau_0=6.60E-004$ $\sigma_0=31411.30$ $\sigma_{ID}=34853.90$ $\Sigma_T=31411.30$
 CC 10 SLV (Collegamento 0007_-249)
 Azioni sul collegamento: $N=-0.41$ $T_z=238.77$ $M_y=83.57$
 Sollecitazioni agenti localmente: $T_{y1}=238.77$ $N_1=-0.41$ $M_{x1}=-83.57$
 Azioni sul cordone: $TP=0.00$ $TO=55.53$ $NO=-0.10$
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=15103.70$ $\sigma_0=45293.30$ $\sigma_{ID}=47745.20$ $\Sigma_T=60397.00$
 Azioni sul cordone: $TP=0.00$ $TO=20.82$ $NO=-0.04$
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=15103.70$ $\sigma_0=39507.60$ $\sigma_{ID}=42296.30$ $\Sigma_T=54611.40$
 Azioni sul cordone: $TP=22.21$ $TO=-0.00$ $NO=-0.04$
 Tensioni nel cordone: $\tau_p=15103.70$ $\tau_0=6.60E-004$ $\sigma_0=31411.30$ $\sigma_{ID}=34853.90$ $\Sigma_T=31411.30$
 CC 10 SLV (Collegamento 0007_-249)
 Azioni sul collegamento: $N=-0.41$ $T_z=-238.19$ $M_y=-83.37$
 Sollecitazioni agenti localmente: $T_{y1}=-238.19$ $N_1=-0.41$ $M_{x1}=83.37$
 Azioni sul cordone: $TP=-0.00$ $TO=55.39$ $NO=-0.10$
 Tensioni nel cordone: $\tau_p=1.32E-003$ $\tau_0=15067.00$ $\sigma_0=45183.20$ $\sigma_{ID}=47629.20$ $\Sigma_T=60250.20$
 Azioni sul cordone: $TP=0.00$ $TO=-20.77$ $NO=-0.04$

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Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=15067.00$ $\sigma_0=39463.30$ $\sigma_{ID}=42241.80$ $\Sigma_T=54530.30$
 Azioni sul cordone: TP=-22.16 TO=0.00 NO=-0.04
 Tensioni nel cordone: $\tau_p=15067.00$ $\tau_0=6.59E-004$ $\sigma_0=31335.00$ $\sigma_{ID}=34769.20$ $\Sigma_T=31335.00$
 CC 10 SLV (Collegamento 0007_-249)
 Azioni sul collegamento:N=-0.41 Tz=-238.19 My=-83.37
 Sollecitazioni agenti localmente: $Ty_1=-238.19$ $N_1=-0.41$ $Mx_1=83.37$
 Azioni sul cordone: TP=-0.00 TO=55.39 NO=-0.10
 Tensioni nel cordone: $\tau_p=1.32E-003$ $\tau_0=15067.00$ $\sigma_0=45183.20$ $\sigma_{ID}=47629.20$ $\Sigma_T=60250.20$
 Azioni sul cordone: TP=0.00 TO=-20.77 NO=-0.04
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=15067.00$ $\sigma_0=39463.30$ $\sigma_{ID}=42241.80$ $\Sigma_T=54530.30$
 Azioni sul cordone: TP=-22.16 TO=0.00 NO=-0.04
 Tensioni nel cordone: $\tau_p=15067.00$ $\tau_0=6.59E-004$ $\sigma_0=31335.00$ $\sigma_{ID}=34769.20$ $\Sigma_T=31335.00$
 CC 10 SLV (Collegamento 0007_-249)
 Azioni sul collegamento:N=-0.41 Tz=238.77 My=83.57
 Sollecitazioni agenti localmente: $Ty_1=238.77$ $N_1=-0.41$ $Mx_1=-83.57$
 Azioni sul cordone: TP=0.00 TO=55.53 NO=-0.10
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=15103.70$ $\sigma_0=45293.30$ $\sigma_{ID}=47745.20$ $\Sigma_T=60397.00$
 Azioni sul cordone: TP=0.00 TO=20.82 NO=-0.04
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=15103.70$ $\sigma_0=39507.60$ $\sigma_{ID}=42296.30$ $\Sigma_T=54611.40$
 Azioni sul cordone: TP=22.21 TO=-0.00 NO=-0.04
 Tensioni nel cordone: $\tau_p=15103.70$ $\tau_0=6.60E-004$ $\sigma_0=31411.30$ $\sigma_{ID}=34853.90$ $\Sigma_T=31411.30$
 CC 10 SLV (Collegamento 0007_-249)
 Azioni sul collegamento:N=-0.41 Tz=238.77 My=83.57
 Sollecitazioni agenti localmente: $Ty_1=238.77$ $N_1=-0.41$ $Mx_1=-83.57$
 Azioni sul cordone: TP=0.00 TO=55.53 NO=-0.10
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=15103.70$ $\sigma_0=45293.30$ $\sigma_{ID}=47745.20$ $\Sigma_T=60397.00$
 Azioni sul cordone: TP=0.00 TO=20.82 NO=-0.04
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=15103.70$ $\sigma_0=39507.60$ $\sigma_{ID}=42296.30$ $\Sigma_T=54611.40$
 Azioni sul cordone: TP=22.21 TO=-0.00 NO=-0.04
 Tensioni nel cordone: $\tau_p=15103.70$ $\tau_0=6.60E-004$ $\sigma_0=31411.30$ $\sigma_{ID}=34853.90$ $\Sigma_T=31411.30$
 CC 10 SLV (Collegamento 0007_-249)
 Azioni sul collegamento:N=-0.41 Tz=-238.19 My=-83.37
 Sollecitazioni agenti localmente: $Ty_1=-238.19$ $N_1=-0.41$ $Mx_1=83.37$
 Azioni sul cordone: TP=-0.00 TO=55.39 NO=-0.10
 Tensioni nel cordone: $\tau_p=1.32E-003$ $\tau_0=15067.00$ $\sigma_0=45183.20$ $\sigma_{ID}=47629.20$ $\Sigma_T=60250.20$
 Azioni sul cordone: TP=0.00 TO=-20.77 NO=-0.04
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=15067.00$ $\sigma_0=39463.30$ $\sigma_{ID}=42241.80$ $\Sigma_T=54530.30$
 Azioni sul cordone: TP=-22.16 TO=0.00 NO=-0.04
 Tensioni nel cordone: $\tau_p=15067.00$ $\tau_0=6.59E-004$ $\sigma_0=31335.00$ $\sigma_{ID}=34769.20$ $\Sigma_T=31335.00$
 CC 10 SLV (Collegamento 0007_-249)
 Azioni sul collegamento:N=-0.41 Tz=-238.19 My=-83.37
 Sollecitazioni agenti localmente: $Ty_1=-238.19$ $N_1=-0.41$ $Mx_1=83.37$
 Azioni sul cordone: TP=-0.00 TO=55.39 NO=-0.10
 Tensioni nel cordone: $\tau_p=1.32E-003$ $\tau_0=15067.00$ $\sigma_0=45183.20$ $\sigma_{ID}=47629.20$ $\Sigma_T=60250.20$
 Azioni sul cordone: TP=0.00 TO=-20.77 NO=-0.04
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=15067.00$ $\sigma_0=39463.30$ $\sigma_{ID}=42241.80$ $\Sigma_T=54530.30$
 Azioni sul cordone: TP=-22.16 TO=0.00 NO=-0.04
 Tensioni nel cordone: $\tau_p=15067.00$ $\tau_0=6.59E-004$ $\sigma_0=31335.00$ $\sigma_{ID}=34769.20$ $\Sigma_T=31335.00$
 CC 11 SLV (Collegamento 0007_-249)
 Azioni sul collegamento:N=-0.41 Tz=-214.88 My=-75.21
 Sollecitazioni agenti localmente: $Ty_1=-214.88$ $N_1=-0.41$ $Mx_1=75.21$
 Azioni sul cordone: TP=-0.00 TO=49.97 NO=-0.10
 Tensioni nel cordone: $\tau_p=1.19E-003$ $\tau_0=13592.90$ $\sigma_0=40765.20$ $\sigma_{ID}=42971.70$ $\Sigma_T=54358.10$
 Azioni sul cordone: TP=0.00 TO=-18.74 NO=-0.04
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=13592.90$ $\sigma_0=35604.90$ $\sigma_{ID}=38111.40$ $\Sigma_T=49197.80$
 Azioni sul cordone: TP=-19.99 TO=0.00 NO=-0.04
 Tensioni nel cordone: $\tau_p=13592.90$ $\tau_0=5.94E-004$ $\sigma_0=28271.80$ $\sigma_{ID}=31369.80$ $\Sigma_T=28271.80$
 CC 11 SLV (Collegamento 0007_-249)
 Azioni sul collegamento:N=-0.41 Tz=-214.88 My=-75.21
 Sollecitazioni agenti localmente: $Ty_1=-214.88$ $N_1=-0.41$ $Mx_1=75.21$
 Azioni sul cordone: TP=-0.00 TO=49.97 NO=-0.10
 Tensioni nel cordone: $\tau_p=1.19E-003$ $\tau_0=13592.90$ $\sigma_0=40765.20$ $\sigma_{ID}=42971.70$ $\Sigma_T=54358.10$
 Azioni sul cordone: TP=0.00 TO=-18.74 NO=-0.04
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=13592.90$ $\sigma_0=35604.90$ $\sigma_{ID}=38111.40$ $\Sigma_T=49197.80$
 Azioni sul cordone: TP=-19.99 TO=0.00 NO=-0.04
 Tensioni nel cordone: $\tau_p=13592.90$ $\tau_0=5.94E-004$ $\sigma_0=28271.80$ $\sigma_{ID}=31369.80$ $\Sigma_T=28271.80$
 CC 11 SLV (Collegamento 0007_-249)
 Azioni sul collegamento:N=-0.41 Tz=215.46 My=75.41
 Sollecitazioni agenti localmente: $Ty_1=215.46$ $N_1=-0.41$ $Mx_1=-75.41$
 Azioni sul cordone: TP=0.00 TO=50.11 NO=-0.10
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=13629.60$ $\sigma_0=40875.30$ $\sigma_{ID}=43087.80$ $\Sigma_T=54504.90$
 Azioni sul cordone: TP=0.00 TO=18.79 NO=-0.04
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=13629.60$ $\sigma_0=35649.20$ $\sigma_{ID}=38165.90$ $\Sigma_T=49278.90$
 Azioni sul cordone: TP=20.04 TO=-0.00 NO=-0.04
 Tensioni nel cordone: $\tau_p=13629.60$ $\tau_0=5.96E-004$ $\sigma_0=28348.20$ $\sigma_{ID}=31454.50$ $\Sigma_T=28348.20$
 CC 11 SLV (Collegamento 0007_-249)
 Azioni sul collegamento:N=-0.41 Tz=215.46 My=75.41
 Sollecitazioni agenti localmente: $Ty_1=215.46$ $N_1=-0.41$ $Mx_1=-75.41$

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Azioni sul cordone: TP=0.00 TO=50.11 NO=-0.10
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=13629.60$ $\sigma_0=40875.30$ $\sigma_{ID}=43087.80$ $\Sigma_T=54504.90$
 Azioni sul cordone: TP=0.00 TO=18.79 NO=-0.04
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=13629.60$ $\sigma_0=35649.20$ $\sigma_{ID}=38165.90$ $\Sigma_T=49278.90$
 Azioni sul cordone: TP=20.04 TO=-0.00 NO=-0.04
 Tensioni nel cordone: $\tau_p=13629.60$ $\tau_0=5.96E-004$ $\sigma_0=28348.20$ $\sigma_{ID}=31454.50$ $\Sigma_T=28348.20$
 CC 11 SLV (Collegamento 0007_-249)
 Azioni sul collegamento: N=-0.41 Tz=-214.88 My=-75.21
 Sollecitazioni agenti localmente: $Ty_1=-214.88$ $N_1=-0.41$ $Mx_1=75.21$
 Azioni sul cordone: TP=-0.00 TO=49.97 NO=-0.10
 Tensioni nel cordone: $\tau_p=1.19E-003$ $\tau_0=13592.90$ $\sigma_0=40765.20$ $\sigma_{ID}=42971.70$ $\Sigma_T=54358.10$
 Azioni sul cordone: TP=0.00 TO=-18.74 NO=-0.04
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=13592.90$ $\sigma_0=35604.90$ $\sigma_{ID}=38111.40$ $\Sigma_T=49197.80$
 Azioni sul cordone: TP=-19.99 TO=0.00 NO=-0.04
 Tensioni nel cordone: $\tau_p=13592.90$ $\tau_0=5.94E-004$ $\sigma_0=28271.80$ $\sigma_{ID}=31369.80$ $\Sigma_T=28271.80$
 CC 11 SLV (Collegamento 0007_-249)
 Azioni sul collegamento: N=-0.41 Tz=-214.88 My=-75.21
 Sollecitazioni agenti localmente: $Ty_1=-214.88$ $N_1=-0.41$ $Mx_1=75.21$
 Azioni sul cordone: TP=-0.00 TO=49.97 NO=-0.10
 Tensioni nel cordone: $\tau_p=1.19E-003$ $\tau_0=13592.90$ $\sigma_0=40765.20$ $\sigma_{ID}=42971.70$ $\Sigma_T=54358.10$
 Azioni sul cordone: TP=0.00 TO=-18.74 NO=-0.04
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=13592.90$ $\sigma_0=35604.90$ $\sigma_{ID}=38111.40$ $\Sigma_T=49197.80$
 Azioni sul cordone: TP=-19.99 TO=0.00 NO=-0.04
 Tensioni nel cordone: $\tau_p=13592.90$ $\tau_0=5.94E-004$ $\sigma_0=28271.80$ $\sigma_{ID}=31369.80$ $\Sigma_T=28271.80$
 CC 11 SLV (Collegamento 0007_-249)
 Azioni sul collegamento: N=-0.41 Tz=215.46 My=75.41
 Sollecitazioni agenti localmente: $Ty_1=215.46$ $N_1=-0.41$ $Mx_1=-75.41$
 Azioni sul cordone: TP=0.00 TO=50.11 NO=-0.10
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=13629.60$ $\sigma_0=40875.30$ $\sigma_{ID}=43087.80$ $\Sigma_T=54504.90$
 Azioni sul cordone: TP=0.00 TO=18.79 NO=-0.04
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=13629.60$ $\sigma_0=35649.20$ $\sigma_{ID}=38165.90$ $\Sigma_T=49278.90$
 Azioni sul cordone: TP=20.04 TO=-0.00 NO=-0.04
 Tensioni nel cordone: $\tau_p=13629.60$ $\tau_0=5.96E-004$ $\sigma_0=28348.20$ $\sigma_{ID}=31454.50$ $\Sigma_T=28348.20$
 CC 11 SLV (Collegamento 0007_-249)
 Azioni sul collegamento: N=-0.41 Tz=215.46 My=75.41
 Sollecitazioni agenti localmente: $Ty_1=215.46$ $N_1=-0.41$ $Mx_1=-75.41$
 Azioni sul cordone: TP=0.00 TO=50.11 NO=-0.10
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=13629.60$ $\sigma_0=40875.30$ $\sigma_{ID}=43087.80$ $\Sigma_T=54504.90$
 Azioni sul cordone: TP=0.00 TO=18.79 NO=-0.04
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=13629.60$ $\sigma_0=35649.20$ $\sigma_{ID}=38165.90$ $\Sigma_T=49278.90$
 Azioni sul cordone: TP=20.04 TO=-0.00 NO=-0.04
 Tensioni nel cordone: $\tau_p=13629.60$ $\tau_0=5.96E-004$ $\sigma_0=28348.20$ $\sigma_{ID}=31454.50$ $\Sigma_T=28348.20$
 CC 12 SLV (Collegamento 0007_-249)
 Azioni sul collegamento: N=-0.41 Tz=-219.72 My=-76.90
 Sollecitazioni agenti localmente: $Ty_1=-219.72$ $N_1=-0.41$ $Mx_1=76.90$
 Azioni sul cordone: TP=-0.00 TO=51.10 NO=-0.10
 Tensioni nel cordone: $\tau_p=1.22E-003$ $\tau_0=13899.10$ $\sigma_0=41683.30$ $\sigma_{ID}=43939.50$ $\Sigma_T=55582.40$
 Azioni sul cordone: TP=0.00 TO=-19.16 NO=-0.04
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=13899.10$ $\sigma_0=36406.70$ $\sigma_{ID}=38969.60$ $\Sigma_T=50305.80$
 Azioni sul cordone: TP=-20.44 TO=0.00 NO=-0.04
 Tensioni nel cordone: $\tau_p=13899.10$ $\tau_0=6.08E-004$ $\sigma_0=28908.40$ $\sigma_{ID}=32076.10$ $\Sigma_T=28908.40$
 CC 12 SLV (Collegamento 0007_-249)
 Azioni sul collegamento: N=-0.41 Tz=-219.72 My=-76.90
 Sollecitazioni agenti localmente: $Ty_1=-219.72$ $N_1=-0.41$ $Mx_1=76.90$
 Azioni sul cordone: TP=-0.00 TO=51.10 NO=-0.10
 Tensioni nel cordone: $\tau_p=1.22E-003$ $\tau_0=13899.10$ $\sigma_0=41683.30$ $\sigma_{ID}=43939.50$ $\Sigma_T=55582.40$
 Azioni sul cordone: TP=0.00 TO=-19.16 NO=-0.04
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=13899.10$ $\sigma_0=36406.70$ $\sigma_{ID}=38969.60$ $\Sigma_T=50305.80$
 Azioni sul cordone: TP=-20.44 TO=0.00 NO=-0.04
 Tensioni nel cordone: $\tau_p=13899.10$ $\tau_0=6.08E-004$ $\sigma_0=28908.40$ $\sigma_{ID}=32076.10$ $\Sigma_T=28908.40$
 CC 12 SLV (Collegamento 0007_-249)
 Azioni sul collegamento: N=-0.41 Tz=220.31 My=77.11
 Sollecitazioni agenti localmente: $Ty_1=220.31$ $N_1=-0.41$ $Mx_1=-77.11$
 Azioni sul cordone: TP=0.00 TO=51.23 NO=-0.10
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=13935.90$ $\sigma_0=41793.40$ $\sigma_{ID}=44055.60$ $\Sigma_T=55729.20$
 Azioni sul cordone: TP=0.00 TO=19.21 NO=-0.04
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=13935.90$ $\sigma_0=36451.00$ $\sigma_{ID}=39024.10$ $\Sigma_T=50386.90$
 Azioni sul cordone: TP=20.49 TO=-0.00 NO=-0.04
 Tensioni nel cordone: $\tau_p=13935.90$ $\tau_0=6.09E-004$ $\sigma_0=28984.70$ $\sigma_{ID}=32160.80$ $\Sigma_T=28984.70$
 CC 12 SLV (Collegamento 0007_-249)
 Azioni sul collegamento: N=-0.41 Tz=220.31 My=77.11
 Sollecitazioni agenti localmente: $Ty_1=220.31$ $N_1=-0.41$ $Mx_1=-77.11$
 Azioni sul cordone: TP=0.00 TO=51.23 NO=-0.10
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=13935.90$ $\sigma_0=41793.40$ $\sigma_{ID}=44055.60$ $\Sigma_T=55729.20$
 Azioni sul cordone: TP=0.00 TO=19.21 NO=-0.04
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=13935.90$ $\sigma_0=36451.00$ $\sigma_{ID}=39024.10$ $\Sigma_T=50386.90$
 Azioni sul cordone: TP=20.49 TO=-0.00 NO=-0.04
 Tensioni nel cordone: $\tau_p=13935.90$ $\tau_0=6.09E-004$ $\sigma_0=28984.70$ $\sigma_{ID}=32160.80$ $\Sigma_T=28984.70$

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CC 12 SLV (Collegamento 0007_-249)
 Azioni sul collegamento: $N=-0.41$ $T_z=-219.72$ $M_y=-76.90$
 Sollecitazioni agenti localmente: $T_{y1}=-219.72$ $N_1=-0.41$ $M_{x1}=76.90$
 Azioni sul cordone: $TP=-0.00$ $TO=51.10$ $NO=-0.10$
 Tensioni nel cordone: $\tau_p=1.22E-003$ $\tau_0=13899.10$ $\sigma_0=41683.30$ $\sigma_{ID}=43939.50$ $\Sigma_T=55582.40$
 Azioni sul cordone: $TP=0.00$ $TO=-19.16$ $NO=-0.04$
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=13899.10$ $\sigma_0=36406.70$ $\sigma_{ID}=38969.60$ $\Sigma_T=50305.80$
 Azioni sul cordone: $TP=-20.44$ $TO=0.00$ $NO=-0.04$
 Tensioni nel cordone: $\tau_p=13899.10$ $\tau_0=6.08E-004$ $\sigma_0=28908.40$ $\sigma_{ID}=32076.10$ $\Sigma_T=28908.40$
 CC 12 SLV (Collegamento 0007_-249)
 Azioni sul collegamento: $N=-0.41$ $T_z=-219.72$ $M_y=-76.90$
 Sollecitazioni agenti localmente: $T_{y1}=-219.72$ $N_1=-0.41$ $M_{x1}=76.90$
 Azioni sul cordone: $TP=-0.00$ $TO=51.10$ $NO=-0.10$
 Tensioni nel cordone: $\tau_p=1.22E-003$ $\tau_0=13899.10$ $\sigma_0=41683.30$ $\sigma_{ID}=43939.50$ $\Sigma_T=55582.40$
 Azioni sul cordone: $TP=0.00$ $TO=-19.16$ $NO=-0.04$
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=13899.10$ $\sigma_0=36406.70$ $\sigma_{ID}=38969.60$ $\Sigma_T=50305.80$
 Azioni sul cordone: $TP=-20.44$ $TO=0.00$ $NO=-0.04$
 Tensioni nel cordone: $\tau_p=13899.10$ $\tau_0=6.08E-004$ $\sigma_0=28908.40$ $\sigma_{ID}=32076.10$ $\Sigma_T=28908.40$
 CC 12 SLV (Collegamento 0007_-249)
 Azioni sul collegamento: $N=-0.41$ $T_z=220.31$ $M_y=77.11$
 Sollecitazioni agenti localmente: $T_{y1}=220.31$ $N_1=-0.41$ $M_{x1}=-77.11$
 Azioni sul cordone: $TP=0.00$ $TO=51.23$ $NO=-0.10$
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=13935.90$ $\sigma_0=41793.40$ $\sigma_{ID}=44055.60$ $\Sigma_T=55729.20$
 Azioni sul cordone: $TP=0.00$ $TO=19.21$ $NO=-0.04$
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=13935.90$ $\sigma_0=36451.00$ $\sigma_{ID}=39024.10$ $\Sigma_T=50386.90$
 Azioni sul cordone: $TP=20.49$ $TO=-0.00$ $NO=-0.04$
 Tensioni nel cordone: $\tau_p=13935.90$ $\tau_0=6.09E-004$ $\sigma_0=28984.70$ $\sigma_{ID}=32160.80$ $\Sigma_T=28984.70$
 CC 12 SLV (Collegamento 0007_-249)
 Azioni sul collegamento: $N=-0.41$ $T_z=220.31$ $M_y=77.11$
 Sollecitazioni agenti localmente: $T_{y1}=220.31$ $N_1=-0.41$ $M_{x1}=-77.11$
 Azioni sul cordone: $TP=0.00$ $TO=51.23$ $NO=-0.10$
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=13935.90$ $\sigma_0=41793.40$ $\sigma_{ID}=44055.60$ $\Sigma_T=55729.20$
 Azioni sul cordone: $TP=0.00$ $TO=19.21$ $NO=-0.04$
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=13935.90$ $\sigma_0=36451.00$ $\sigma_{ID}=39024.10$ $\Sigma_T=50386.90$
 Azioni sul cordone: $TP=20.49$ $TO=-0.00$ $NO=-0.04$
 Tensioni nel cordone: $\tau_p=13935.90$ $\tau_0=6.09E-004$ $\sigma_0=28984.70$ $\sigma_{ID}=32160.80$ $\Sigma_T=28984.70$
 CC 13 SLU (Collegamento 0007_-249)
 Azioni sul collegamento: $N=-0.55$ $T_z=13.81$ $M_y=4.83$
 Sollecitazioni agenti localmente: $T_{y1}=13.81$ $N_1=-0.55$ $M_{x1}=-4.83$
 Azioni sul cordone: $TP=0.00$ $TO=3.21$ $NO=-0.13$
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=873.83$ $\sigma_0=2653.88$ $\sigma_{ID}=2794.04$ $\Sigma_T=3527.71$
 Azioni sul cordone: $TP=0.00$ $TO=1.20$ $NO=-0.05$
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=873.83$ $\sigma_0=2252.19$ $\sigma_{ID}=2415.77$ $\Sigma_T=3126.02$
 Azioni sul cordone: $TP=1.29$ $TO=-0.00$ $NO=-0.05$
 Tensioni nel cordone: $\tau_p=873.83$ $\tau_0=3.82E-005$ $\sigma_0=1850.75$ $\sigma_{ID}=2046.67$ $\Sigma_T=1850.75$
 CC 14 SLU (Collegamento 0007_-249)
 Azioni sul collegamento: $N=-0.55$ $T_z=13.59$ $M_y=4.76$
 Sollecitazioni agenti localmente: $T_{y1}=13.59$ $N_1=-0.55$ $M_{x1}=-4.76$
 Azioni sul cordone: $TP=0.00$ $TO=3.16$ $NO=-0.13$
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=859.91$ $\sigma_0=2612.19$ $\sigma_{ID}=2750.09$ $\Sigma_T=3472.11$
 Azioni sul cordone: $TP=0.00$ $TO=1.19$ $NO=-0.05$
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=859.91$ $\sigma_0=2215.79$ $\sigma_{ID}=2376.80$ $\Sigma_T=3075.70$
 Azioni sul cordone: $TP=1.26$ $TO=-0.00$ $NO=-0.05$
 Tensioni nel cordone: $\tau_p=859.91$ $\tau_0=3.76E-005$ $\sigma_0=1821.85$ $\sigma_{ID}=2014.59$ $\Sigma_T=1821.85$
 CC 15 SLE R (Collegamento 0007_-249)
 Azioni sul collegamento: $N=-0.41$ $T_z=10.22$ $M_y=3.58$
 Sollecitazioni agenti localmente: $T_{y1}=10.22$ $N_1=-0.41$ $M_{x1}=-3.58$
 Azioni sul cordone: $TP=0.00$ $TO=2.38$ $NO=-0.10$
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=646.25$ $\sigma_0=1962.75$ $\sigma_{ID}=2066.40$ $\Sigma_T=2609.00$
 Azioni sul cordone: $TP=0.00$ $TO=0.89$ $NO=-0.04$
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=646.25$ $\sigma_0=1665.59$ $\sigma_{ID}=1786.57$ $\Sigma_T=2311.85$
 Azioni sul cordone: $TP=0.95$ $TO=-0.00$ $NO=-0.04$
 Tensioni nel cordone: $\tau_p=646.25$ $\tau_0=2.82E-005$ $\sigma_0=1368.78$ $\sigma_{ID}=1513.67$ $\Sigma_T=1368.78$
 CC 17 SLE Q (Collegamento 0007_-249)
 Azioni sul collegamento: $N=-0.41$ $T_z=0.29$ $M_y=0.10$
 Sollecitazioni agenti localmente: $T_{y1}=0.29$ $N_1=-0.41$ $M_{x1}=-0.10$
 Azioni sul cordone: $TP=0.00$ $TO=0.07$ $NO=-0.10$
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=18.38$ $\sigma_0=80.94$ $\sigma_{ID}=83.00$ $\Sigma_T=99.32$
 Azioni sul cordone: $TP=0.00$ $TO=0.03$ $NO=-0.04$
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=18.38$ $\sigma_0=22.15$ $\sigma_{ID}=28.78$ $\Sigma_T=40.53$
 Azioni sul cordone: $TP=0.03$ $TO=-0.00$ $NO=-0.04$
 Tensioni nel cordone: $\tau_p=18.38$ $\tau_0=8.03E-007$ $\sigma_0=64.07$ $\sigma_{ID}=66.65$ $\Sigma_T=64.07$
 CC 18 SLU (Collegamento 0007_-249)
 Azioni sul collegamento: $N=-0.55$ $T_z=-44.77$ $M_y=-15.67$
 Sollecitazioni agenti localmente: $T_{y1}=-44.77$ $N_1=-0.55$ $M_{x1}=15.67$
 Azioni sul cordone: $TP=-0.00$ $TO=10.41$ $NO=-0.13$
 Tensioni nel cordone: $\tau_p=2.48E-004$ $\tau_0=2832.05$ $\sigma_0=8523.05$ $\sigma_{ID}=8981.25$ $\Sigma_T=11355.10$
 Azioni sul cordone: $TP=0.00$ $TO=-3.90$ $NO=-0.05$

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Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=2832.06$ $\sigma_0=7447.89$ $\sigma_{ID}=7968.16$ $\Sigma_T=10279.90$
 Azioni sul cordone: TP=-4.16 TO=0.00 NO=-0.05
 Tensioni nel cordone: $\tau_p=2832.05$ $\tau_0=1.24E-004$ $\sigma_0=5920.04$ $\sigma_{ID}=6562.57$ $\Sigma_T=5920.04$
 CC 19 SLU (Collegamento 0007_-249)
 Azioni sul collegamento: N=-0.55 Tz=-44.99 My=-15.75
 Sollecitazioni agenti localmente: $Ty_1=-44.99$ $N_1=-0.55$ $Mx_1=15.75$
 Azioni sul cordone: TP=-0.00 TO=10.46 NO=-0.13
 Tensioni nel cordone: $\tau_p=2.49E-004$ $\tau_0=2845.97$ $\sigma_0=8564.73$ $\sigma_{ID}=9025.19$ $\Sigma_T=11410.70$
 Azioni sul cordone: TP=0.00 TO=-3.92 NO=-0.05
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=2845.98$ $\sigma_0=7484.29$ $\sigma_{ID}=8007.14$ $\Sigma_T=10330.30$
 Azioni sul cordone: TP=-4.19 TO=0.00 NO=-0.05
 Tensioni nel cordone: $\tau_p=2845.97$ $\tau_0=1.24E-004$ $\sigma_0=5948.94$ $\sigma_{ID}=6594.65$ $\Sigma_T=5948.94$
 CC 20 SLE R (Collegamento 0007_-249)
 Azioni sul collegamento: N=-0.41 Tz=-33.18 My=-11.61
 Sollecitazioni agenti localmente: $Ty_1=-33.18$ $N_1=-0.41$ $Mx_1=11.61$
 Azioni sul cordone: TP=-0.00 TO=7.72 NO=-0.10
 Tensioni nel cordone: $\tau_p=1.83E-004$ $\tau_0=2098.85$ $\sigma_0=6316.45$ $\sigma_{ID}=6656.03$ $\Sigma_T=8415.30$
 Azioni sul cordone: TP=0.00 TO=-2.89 NO=-0.04
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=2098.85$ $\sigma_0=5519.65$ $\sigma_{ID}=5905.23$ $\Sigma_T=7618.50$
 Azioni sul cordone: TP=-3.09 TO=0.00 NO=-0.04
 Tensioni nel cordone: $\tau_p=2098.85$ $\tau_0=9.17E-005$ $\sigma_0=4387.35$ $\sigma_{ID}=4863.54$ $\Sigma_T=4387.35$
 CC 22 SLE Q (Collegamento 0007_-249)
 Azioni sul collegamento: N=-0.41 Tz=0.29 My=0.10
 Sollecitazioni agenti localmente: $Ty_1=0.29$ $N_1=-0.41$ $Mx_1=-0.10$
 Azioni sul cordone: TP=0.00 TO=0.07 NO=-0.10
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=18.38$ $\sigma_0=80.94$ $\sigma_{ID}=83.00$ $\Sigma_T=99.32$
 Azioni sul cordone: TP=0.00 TO=0.03 NO=-0.04
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=18.38$ $\sigma_0=22.15$ $\sigma_{ID}=28.78$ $\Sigma_T=40.53$
 Azioni sul cordone: TP=0.03 TO=-0.00 NO=-0.04
 Tensioni nel cordone: $\tau_p=18.38$ $\tau_0=8.03E-007$ $\sigma_0=64.07$ $\sigma_{ID}=66.65$ $\Sigma_T=64.07$
 CC 23 SLU (Collegamento 0007_-249)
 Azioni sul collegamento: N=-0.55 Tz=-14.11 My=-4.94
 Sollecitazioni agenti localmente: $Ty_1=-14.11$ $N_1=-0.55$ $Mx_1=4.94$
 Azioni sul cordone: TP=-0.00 TO=3.28 NO=-0.13
 Tensioni nel cordone: $\tau_p=7.80E-005$ $\tau_0=892.66$ $\sigma_0=2710.47$ $\sigma_{ID}=2853.69$ $\Sigma_T=3603.14$
 Azioni sul cordone: TP=0.00 TO=-1.23 NO=-0.05
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=892.66$ $\sigma_0=2371.58$ $\sigma_{ID}=2534.02$ $\Sigma_T=3264.24$
 Azioni sul cordone: TP=-1.31 TO=0.00 NO=-0.05
 Tensioni nel cordone: $\tau_p=892.66$ $\tau_0=3.90E-005$ $\sigma_0=1889.99$ $\sigma_{ID}=2090.19$ $\Sigma_T=1889.99$
 CC 24 SLU (Collegamento 0007_-249)
 Azioni sul collegamento: N=-0.55 Tz=-14.33 My=-5.02
 Sollecitazioni agenti localmente: $Ty_1=-14.33$ $N_1=-0.55$ $Mx_1=5.02$
 Azioni sul cordone: TP=-0.00 TO=3.33 NO=-0.13
 Tensioni nel cordone: $\tau_p=7.93E-005$ $\tau_0=906.58$ $\sigma_0=2752.16$ $\sigma_{ID}=2897.63$ $\Sigma_T=3658.74$
 Azioni sul cordone: TP=0.00 TO=-1.25 NO=-0.05
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=906.58$ $\sigma_0=2407.98$ $\sigma_{ID}=2572.99$ $\Sigma_T=3314.56$
 Azioni sul cordone: TP=-1.33 TO=0.00 NO=-0.05
 Tensioni nel cordone: $\tau_p=906.58$ $\tau_0=3.96E-005$ $\sigma_0=1918.89$ $\sigma_{ID}=2122.27$ $\Sigma_T=1918.89$
 CC 25 SLE R (Collegamento 0007_-249)
 Azioni sul collegamento: N=-0.41 Tz=-10.47 My=-3.66
 Sollecitazioni agenti localmente: $Ty_1=-10.47$ $N_1=-0.41$ $Mx_1=3.66$
 Azioni sul cordone: TP=-0.00 TO=2.43 NO=-0.10
 Tensioni nel cordone: $\tau_p=5.79E-005$ $\tau_0=662.26$ $\sigma_0=2010.85$ $\sigma_{ID}=2117.10$ $\Sigma_T=2673.11$
 Azioni sul cordone: TP=0.00 TO=-0.91 NO=-0.04
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=662.26$ $\sigma_0=1759.42$ $\sigma_{ID}=1879.94$ $\Sigma_T=2421.69$
 Azioni sul cordone: TP=-0.97 TO=0.00 NO=-0.04
 Tensioni nel cordone: $\tau_p=662.26$ $\tau_0=2.89E-005$ $\sigma_0=1402.13$ $\sigma_{ID}=1550.67$ $\Sigma_T=1402.13$
 CC 27 SLE Q (Collegamento 0007_-249)
 Azioni sul collegamento: N=-0.41 Tz=0.29 My=0.10
 Sollecitazioni agenti localmente: $Ty_1=0.29$ $N_1=-0.41$ $Mx_1=-0.10$
 Azioni sul cordone: TP=0.00 TO=0.07 NO=-0.10
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=18.38$ $\sigma_0=80.94$ $\sigma_{ID}=83.00$ $\Sigma_T=99.32$
 Azioni sul cordone: TP=0.00 TO=0.03 NO=-0.04
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=18.38$ $\sigma_0=22.15$ $\sigma_{ID}=28.78$ $\Sigma_T=40.53$
 Azioni sul cordone: TP=0.03 TO=-0.00 NO=-0.04
 Tensioni nel cordone: $\tau_p=18.38$ $\tau_0=8.03E-007$ $\sigma_0=64.07$ $\sigma_{ID}=66.65$ $\Sigma_T=64.07$
 CC 28 SLU (Collegamento 0007_-249)
 Azioni sul collegamento: N=-0.55 Tz=2.51 My=0.88
 Sollecitazioni agenti localmente: $Ty_1=2.51$ $N_1=-0.55$ $Mx_1=-0.88$
 Azioni sul cordone: TP=0.00 TO=0.58 NO=-0.13
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=158.85$ $\sigma_0=510.96$ $\sigma_{ID}=535.08$ $\Sigma_T=669.81$
 Azioni sul cordone: TP=0.00 TO=0.22 NO=-0.05
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=158.85$ $\sigma_0=380.71$ $\sigma_{ID}=412.52$ $\Sigma_T=539.56$
 Azioni sul cordone: TP=0.23 TO=-0.00 NO=-0.05
 Tensioni nel cordone: $\tau_p=158.85$ $\tau_0=6.94E-006$ $\sigma_0=364.99$ $\sigma_{ID}=398.06$ $\Sigma_T=364.99$
 CC 29 SLU (Collegamento 0007_-249)
 Azioni sul collegamento: N=-0.55 Tz=2.29 My=0.80
 Sollecitazioni agenti localmente: $Ty_1=2.29$ $N_1=-0.55$ $Mx_1=-0.80$

Azioni sul cordone: $TP=0.00$ $TO=0.53$ $NO=-0.13$
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=144.93$ $\sigma_0=469.28$ $\sigma_{ID}=491.15$ $\Sigma_T=614.21$
 Azioni sul cordone: $TP=0.00$ $TO=0.20$ $NO=-0.05$
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=144.93$ $\sigma_0=344.31$ $\sigma_{ID}=373.57$ $\Sigma_T=489.24$
 Azioni sul cordone: $TP=0.21$ $TO=-0.00$ $NO=-0.05$
 Tensioni nel cordone: $\tau_p=144.93$ $\tau_0=6.34E-006$ $\sigma_0=336.09$ $\sigma_{ID}=366.01$ $\Sigma_T=336.09$
 CC 30 SLE R (Collegamento 0007_-249)
 Azioni sul collegamento: $N=-0.41$ $Tz=1.84$ $My=0.65$
 Sollecitazioni agenti localmente: $Ty_1=1.84$ $N_1=-0.41$ $Mx_1=-0.65$
 Azioni sul cordone: $TP=0.00$ $TO=0.43$ $NO=-0.10$
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=116.63$ $\sigma_0=375.40$ $\sigma_{ID}=393.10$ $\Sigma_T=492.04$
 Azioni sul cordone: $TP=0.00$ $TO=0.16$ $NO=-0.04$
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=116.63$ $\sigma_0=279.31$ $\sigma_{ID}=302.69$ $\Sigma_T=395.95$
 Azioni sul cordone: $TP=0.17$ $TO=-0.00$ $NO=-0.04$
 Tensioni nel cordone: $\tau_p=116.63$ $\tau_0=5.10E-006$ $\sigma_0=268.23$ $\sigma_{ID}=292.49$ $\Sigma_T=268.23$
 CC 32 SLE Q (Collegamento 0007_-249)
 Azioni sul collegamento: $N=-0.41$ $Tz=0.29$ $My=0.10$
 Sollecitazioni agenti localmente: $Ty_1=0.29$ $N_1=-0.41$ $Mx_1=-0.10$
 Azioni sul cordone: $TP=0.00$ $TO=0.07$ $NO=-0.10$
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=18.38$ $\sigma_0=80.94$ $\sigma_{ID}=83.00$ $\Sigma_T=99.32$
 Azioni sul cordone: $TP=0.00$ $TO=0.03$ $NO=-0.04$
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=18.38$ $\sigma_0=22.15$ $\sigma_{ID}=28.78$ $\Sigma_T=40.53$
 Azioni sul cordone: $TP=0.03$ $TO=-0.00$ $NO=-0.04$
 Tensioni nel cordone: $\tau_p=18.38$ $\tau_0=8.03E-007$ $\sigma_0=64.07$ $\sigma_{ID}=66.65$ $\Sigma_T=64.07$
 CC 33 SLU (Collegamento 0007_-249)
 Azioni sul collegamento: $N=-0.55$ $Tz=-13.12$ $My=-4.59$
 Sollecitazioni agenti localmente: $Ty_1=-13.12$ $N_1=-0.55$ $Mx_1=4.59$
 Azioni sul cordone: $TP=-0.00$ $TO=3.05$ $NO=-0.13$
 Tensioni nel cordone: $\tau_p=7.26E-005$ $\tau_0=830.18$ $\sigma_0=2523.20$ $\sigma_{ID}=2656.26$ $\Sigma_T=3353.38$
 Azioni sul cordone: $TP=0.00$ $TO=-1.14$ $NO=-0.05$
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=830.18$ $\sigma_0=2208.02$ $\sigma_{ID}=2358.93$ $\Sigma_T=3038.20$
 Azioni sul cordone: $TP=-1.22$ $TO=0.00$ $NO=-0.05$
 Tensioni nel cordone: $\tau_p=830.18$ $\tau_0=3.63E-005$ $\sigma_0=1760.14$ $\sigma_{ID}=1946.10$ $\Sigma_T=1760.14$
 CC 34 SLU (Collegamento 0007_-249)
 Azioni sul collegamento: $N=-0.55$ $Tz=-13.34$ $My=-4.67$
 Sollecitazioni agenti localmente: $Ty_1=-13.34$ $N_1=-0.55$ $Mx_1=4.67$
 Azioni sul cordone: $TP=-0.00$ $TO=3.10$ $NO=-0.13$
 Tensioni nel cordone: $\tau_p=7.38E-005$ $\tau_0=844.10$ $\sigma_0=2564.88$ $\sigma_{ID}=2700.20$ $\Sigma_T=3408.98$
 Azioni sul cordone: $TP=0.00$ $TO=-1.16$ $NO=-0.05$
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=844.10$ $\sigma_0=2244.43$ $\sigma_{ID}=2397.90$ $\Sigma_T=3088.52$
 Azioni sul cordone: $TP=-1.24$ $TO=0.00$ $NO=-0.05$
 Tensioni nel cordone: $\tau_p=844.10$ $\tau_0=3.69E-005$ $\sigma_0=1789.04$ $\sigma_{ID}=1978.17$ $\Sigma_T=1789.04$
 CC 35 SLE R (Collegamento 0007_-249)
 Azioni sul collegamento: $N=-0.41$ $Tz=-9.74$ $My=-3.41$
 Sollecitazioni agenti localmente: $Ty_1=-9.74$ $N_1=-0.41$ $Mx_1=3.41$
 Azioni sul cordone: $TP=-0.00$ $TO=2.26$ $NO=-0.10$
 Tensioni nel cordone: $\tau_p=5.39E-005$ $\tau_0=615.98$ $\sigma_0=1872.12$ $\sigma_{ID}=1970.86$ $\Sigma_T=2488.10$
 Azioni sul cordone: $TP=0.00$ $TO=-0.85$ $NO=-0.04$
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=615.98$ $\sigma_0=1638.27$ $\sigma_{ID}=1750.24$ $\Sigma_T=2254.25$
 Azioni sul cordone: $TP=-0.91$ $TO=0.00$ $NO=-0.04$
 Tensioni nel cordone: $\tau_p=615.98$ $\tau_0=2.69E-005$ $\sigma_0=1305.95$ $\sigma_{ID}=1443.93$ $\Sigma_T=1305.95$
 CC 37 SLE Q (Collegamento 0007_-249)
 Azioni sul collegamento: $N=-0.41$ $Tz=0.29$ $My=0.10$
 Sollecitazioni agenti localmente: $Ty_1=0.29$ $N_1=-0.41$ $Mx_1=-0.10$
 Azioni sul cordone: $TP=0.00$ $TO=0.07$ $NO=-0.10$
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=18.38$ $\sigma_0=80.94$ $\sigma_{ID}=83.00$ $\Sigma_T=99.32$
 Azioni sul cordone: $TP=0.00$ $TO=0.03$ $NO=-0.04$
 Tensioni nel cordone: $\tau_p=0.00$ $\tau_0=18.38$ $\sigma_0=22.15$ $\sigma_{ID}=28.78$ $\Sigma_T=40.53$
 Azioni sul cordone: $TP=0.03$ $TO=-0.00$ $NO=-0.04$
 Tensioni nel cordone: $\tau_p=18.38$ $\tau_0=8.03E-007$ $\sigma_0=64.07$ $\sigma_{ID}=66.65$ $\Sigma_T=64.07$