

# COMUNE DI MONTERIGGIONI (SI)

## STUDI IDROLOGICI E IDRAULICI DEL TORRENTE STAGGIA E DEL FOSSO DELLA RUOTA IN LOC. BADESSE

### d.03 ALLEGATI DI CALCOLO DELLE VERIFICHE IDRAULICHE

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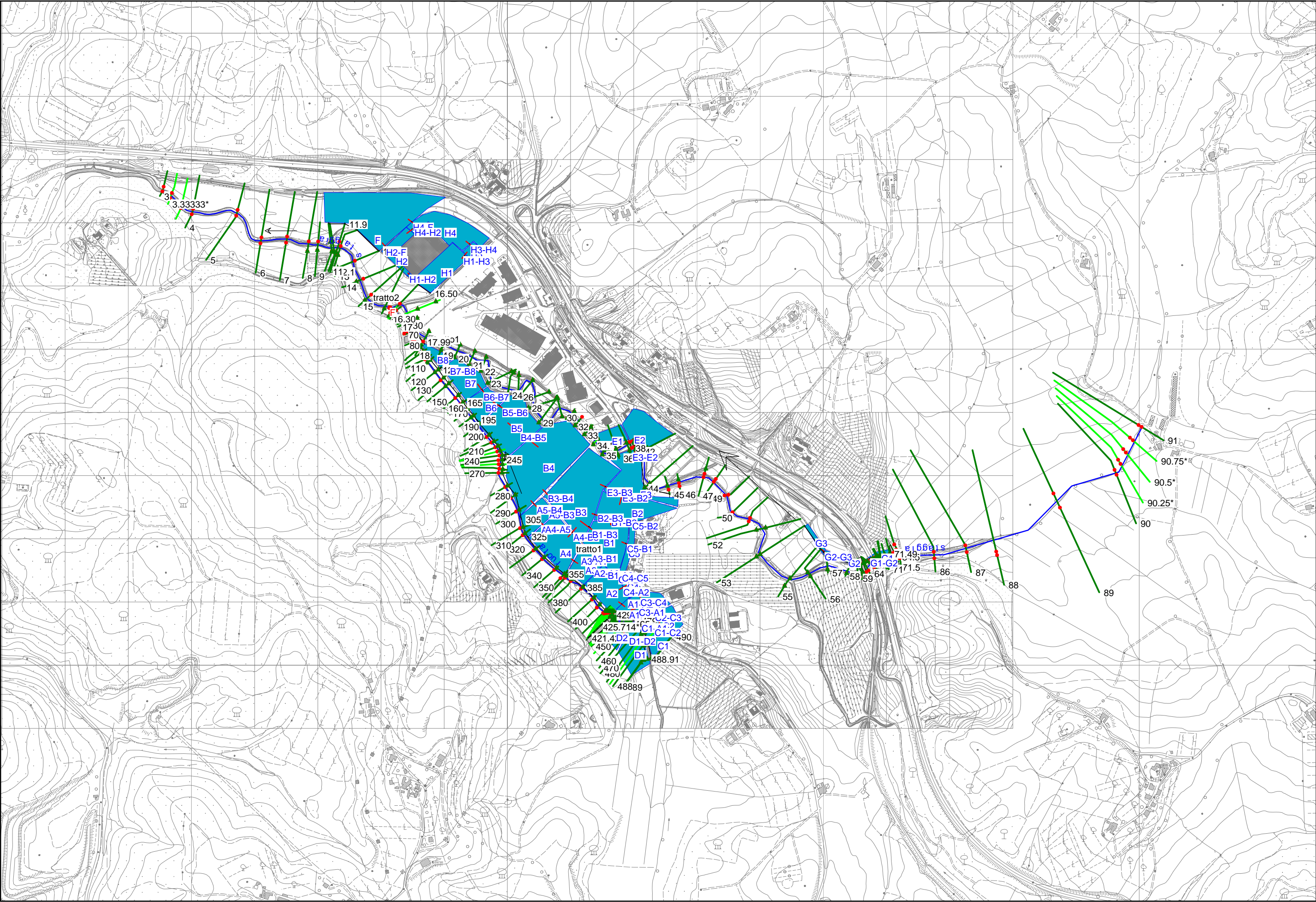
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***ALLEGATI DI CALCOLO APPLICATIVO HEC RAS***

***Tabelle per tempi di ritorno 500, 200 e 30 anni***

River	Reach	River Sta	Profile	Plan	Q Total (m3/s)	Q Left (m3/s)	Q Channel (m3/s)	Q Right (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Total (m/s)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # XS	Froude # Chl
ruota	tratto1	489	Max WS	SC 500 2h	68.65		68.65		224.65	226.46	226.89	227.93	0.049596	5.38	5.38	12.77	220.88	1.73	1.73
ruota	tratto1	489	Max WS	SC 500 3h	61.20		61.20		224.65	226.44	226.78	227.65	0.041340	4.86	4.86	12.59	220.85	1.58	1.58
ruota	tratto1	489	Max WS	SC 500 4h	53.32		53.32		224.65	226.42	226.67	227.38	0.034317	4.35	4.35	12.26	220.79	1.43	1.43
ruota	tratto1	489	Max WS	SC 500 5h	44.36		44.36		224.65	226.37	226.53	227.11	0.027801	3.79	3.79	11.69	220.69	1.28	1.28
ruota	tratto1	488.91			Lat Struct														
ruota	tratto1	488.9			Lat Struct														
ruota	tratto1	488	Max WS	SC 500 2h	45.66		45.66		224.50	226.07	226.24	226.80	0.030444	3.80	3.80	12.03	209.03	1.30	1.30
ruota	tratto1	488	Max WS	SC 500 3h	40.25		40.25		224.50	226.03	226.16	226.66	0.028412	3.53	3.53	11.39	205.11	1.25	1.25
ruota	tratto1	488	Max WS	SC 500 4h	35.15		35.15		224.50	225.99	226.07	226.52	0.025507	3.24	3.24	10.84	203.92	1.17	1.17
ruota	tratto1	488	Max WS	SC 500 5h	29.55		29.55		224.50	225.95	225.98	226.37	0.021431	2.87	2.87	10.29	203.14	1.07	1.07
ruota	tratto1	485	Max WS	SC 500 2h	30.34		30.34		224.22	225.90	225.79	226.22	0.012249	2.51	2.51	12.08	207.38	0.83	0.83
ruota	tratto1	485	Max WS	SC 500 3h	27.08		27.08		224.22	225.84	225.73	226.13	0.012024	2.39	2.39	11.35	204.98	0.81	0.81
ruota	tratto1	485	Max WS	SC 500 4h	24.07		24.07		224.22	225.78	225.67	226.05	0.012192	2.29	2.29	10.53	199.18	0.81	0.81
ruota	tratto1	485	Max WS	SC 500 5h	20.84		20.84		224.22	225.70	225.59	225.95	0.012772	2.19	2.19	9.53	185.61	0.81	0.81
ruota	tratto1	480	Max WS	SC 500 2h	28.12		28.12		223.63	225.53	225.17	225.85	0.008621	2.52	2.52	11.18	213.01	0.68	0.68
ruota	tratto1	480	Max WS	SC 500 3h	25.65		25.65		223.63	225.47	225.11	225.76	0.008098	2.39	2.39	10.73	210.01	0.66	0.66
ruota	tratto1	480	Max WS	SC 500 4h	23.21		23.21		223.63	225.41	225.03	225.67	0.007604	2.27	2.27	10.23	207.99	0.63	0.63
ruota	tratto1	480	Max WS	SC 500 5h	20.37		20.37		223.63	225.33	224.94	225.56	0.006925	2.11	2.11	9.65	205.62	0.60	0.60
ruota	tratto1	479			Lat Struct														
ruota	tratto1	470	Max WS	SC 500 2h	27.99		27.99		222.95	225.38	224.85	225.67	0.006664	2.36	2.36	11.84	173.23	0.60	0.60
ruota	tratto1	470	Max WS	SC 500 3h	25.65		25.65		222.95	225.33	224.77	225.59	0.006159	2.24	2.24	11.47	170.90	0.58	0.58
ruota	tratto1	470	Max WS	SC 500 4h	23.21		23.21		222.95	225.28	224.68	225.51	0.005494	2.09	2.09	11.11	169.07	0.54	0.54
ruota	tratto1	470	Max WS	SC 500 5h	20.36		20.36		222.95	225.23	224.58	225.41	0.004682	1.90	1.90	10.71	167.47	0.50	0.50
ruota	tratto1	465			Lat Struct														
ruota	tratto1	460	Max WS	SC 500 2h	27.57		27.57		222.53	225.38	224.58	225.58	0.004227	1.96	1.96	14.04	156.71	0.49	0.49
ruota	tratto1	460	Max WS	SC 500 3h	25.19		25.19		222.53	225.34	224.50	225.51	0.003896	1.85	1.85	13.63	156.02	0.47	0.47
ruota	tratto1	460	Max WS	SC 500 4h	22.81		22.81		222.53	225.29	224.42	225.44	0.003554	1.73	1.73	13.20	155.29	0.44	0.44
ruota	tratto1	460	Max WS	SC 500 5h	20.16		20.16		222.53	225.22	224.31	225.35	0.003125	1.59	1.59	12.68	154.22	0.41	0.41
ruota	tratto1	450	Max WS	SC 500 2h	26.87		26.87		222.37	225.38	224.12	225.43	0.000882	0.97	0.97	27.82	128.39	0.24	0.24
ruota	tratto1	450	Max WS	SC 500 3h	24.87		24.87		222.37	225.33	224.03	225.37	0.000843	0.92	0.92	26.92	126.57	0.24	0.24
ruota	tratto1	450	Max WS	SC 500 4h	23.16		23.16		222.37	225.27	223.98	225.31	0.000827	0.89	0.89	25.95	124.59	0.23	0.23
ruota	tratto1	450	Max WS	SC 500 5h	21.32		21.32		222.37	225.20	223.92	225.24	0.000820	0.86	0.86	24.75	121.25	0.23	0.23
ruota	tratto1	440	Max WS	SC 500 2h	27.10		27.10		222.59	225.25	224.01	225.38	0.002340	1.61	1.61	16.82	123.98	0.35	0.35
ruota	tratto1	440	Max WS	SC 500 3h	25.68		25.68		222.59	225.20	223.96	225.32	0.002271	1.56	1.56	16.43	123.55	0.34	0.34
ruota	tratto1	440	Max WS	SC 500 4h	24.19		24.19		222.59	225.15	223.91	225.27	0.002170	1.51	1.51	16.04	121.87	0.34	0.34
ruota	tratto1	440	Max WS	SC 500 5h	22.34		22.34		222.59	225.09	223.85	225.20	0.002002	1.43	1.43	15.59	118.29	0.32	0.32
ruota	tratto1	435 BR U	Max WS	SC 500 2h	27.10		27.12		222.59	225.25	223.96	225.38		0.00	2.27		89.59	0.49	0.49
ruota	tratto1	435 BR U	Max WS	SC 500 3h	25.68		25.68		222.59	225.20	223.92	225.32		0.00	2.24		81.64	0.48	0.48
ruota	tratto1	435 BR U	Max WS	SC 500 4h	24.19		24.20		222.59	225.15	223.88	225.26		0.00	2.20			0.47	0.47
ruota	tratto1	435 BR U	Max WS	SC 500 5h	22.34		22.34		222.59	225.09	223.82	225.20		0.00	2.13			0.44	0.44
ruota	tratto1	435 BR D	Max WS	SC 500 2h	27.10		27.12		222.34	225.25	223.67	225.33		0.00	1.90		90.63	0.39	0.39
ruota	tratto1	435 BR D	Max WS	SC 500 3h	25.68		25.68		222.34	225.20	223.64	225.29		0.00	1.88		82.26	0.39	0.39
ruota	tratto1	435 BR D	Max WS	SC 500 4h	24.19		24.20		222.34	225.15	223.59	225.24		0.00	1.85			0.38	0.38
ruota	tratto1	435 BR D	Max WS	SC 500 5h	22.34		22.34		222.34	225.09	223.54	225.19		0.00	1.80			0.35	0.35

River	Reach	River Sta	Profile	Plan	Q Total (m3/s)	Q Left (m3/s)	Q Channel (m3/s)	Q Right (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Total (m/s)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # XS	Froude # Chl
ruota	tratto1	430	Max WS	SC 500 2h	27.10		27.10		222.34	223.95	223.72	224.32	0.010558	2.70	2.70	10.03	91.79	0.76	0.76
ruota	tratto1	430	Max WS	SC 500 3h	25.68		25.68		222.34	223.91	223.68	224.27	0.010597	2.66	2.66	9.66	90.84	0.76	0.76
ruota	tratto1	430	Max WS	SC 500 4h	24.19		24.19		222.34	223.86	223.63	224.20	0.010590	2.60	2.60	9.29	89.85	0.76	0.76
ruota	tratto1	430	Max WS	SC 500 5h	22.35		22.35		222.34	223.76	223.57	224.11	0.011552	2.62	2.62	8.54	86.04	0.79	0.79
ruota	tratto1	429			Lat Struct														
ruota	tratto1	428.4			Lat Struct														
ruota	tratto1	420	Max WS	SC 500 2h	41.90	24.37	17.54		222.07	223.73	223.69	223.86	0.005985	1.47	1.96	28.41	83.41	0.77	0.58
ruota	tratto1	420	Max WS	SC 500 3h	37.73	20.79	16.93		222.07	223.70	223.67	223.83	0.006118	1.44	1.95	26.18	82.61	0.79	0.59
ruota	tratto1	420	Max WS	SC 500 4h	33.63	16.97	16.66		222.07	223.65	223.64	223.79	0.006691	1.44	2.00	23.32	81.58	0.85	0.61
ruota	tratto1	420	Max WS	SC 500 5h	29.09	12.12	16.97		222.07	223.59	223.61	223.75	0.008392	1.52	2.17	19.11	79.42	1.03	0.68
ruota	tratto1	410	Max WS	SC 500 2h	41.90	24.78	17.12		221.74	223.61	223.46	223.72	0.004750	1.36	1.83	30.90	67.83	0.69	0.51
ruota	tratto1	410	Max WS	SC 500 3h	37.72	20.45	17.27		221.74	223.55	223.41	223.67	0.005587	1.40	1.93	26.89	65.11	0.77	0.55
ruota	tratto1	410	Max WS	SC 500 4h	33.63	16.70	16.93		221.74	223.50	223.36	223.63	0.006017	1.40	1.96	23.94	63.04	0.82	0.57
ruota	tratto1	410	Max WS	SC 500 5h	29.09	14.11	14.98		221.74	223.41	223.31	223.54	0.005895	1.50	1.87	19.34	40.51	0.74	0.56
ruota	tratto1	400	Max WS	SC 500 2h	41.89	25.74	16.15		221.92	223.50	223.39	223.59	0.003976	1.23	1.64	34.02	78.63	0.64	0.48
ruota	tratto1	400	Max WS	SC 500 3h	37.72	21.79	15.93		221.92	223.45	223.36	223.55	0.004363	1.25	1.69	30.17	73.33	0.68	0.50
ruota	tratto1	400	Max WS	SC 500 4h	33.63	18.56	15.06		221.92	223.42	223.33	223.51	0.004218	1.21	1.64	27.84	69.51	0.67	0.49
ruota	tratto1	400	Max WS	SC 500 5h	29.09	13.94	15.15		221.92	223.34	223.29	223.45	0.005188	1.28	1.77	22.70	61.49	0.76	0.54
ruota	tratto1	390	Max WS	SC 500 2h	41.78	24.99	16.79		221.64	223.36	223.19	223.43	0.002631	1.13	1.46	36.93	79.37	0.53	0.39
ruota	tratto1	390	Max WS	SC 500 3h	35.30	20.41	14.89		221.64	223.33	223.14	223.39	0.002234	1.02	1.33	34.64	74.32	0.48	0.36
ruota	tratto1	390	Max WS	SC 500 4h	33.62	18.83	14.80		221.64	223.30	223.12	223.36	0.002357	1.02	1.35	32.83	71.36	0.49	0.36
ruota	tratto1	390	Max WS	SC 500 5h	29.09	14.16	14.93		221.64	223.21	222.91	223.28	0.002948	1.07	1.45	27.23	61.81	0.57	0.40
ruota	tratto1	385			Lat Struct														
ruota	tratto1	380	Max WS	SC 500 2h	41.60	16.54	25.06		220.80	223.16	223.09	223.31	0.004323	1.50	2.01	27.82	51.91	0.74	0.49
ruota	tratto1	380	Max WS	SC 500 3h	37.71	11.40	26.30		220.80	223.06	223.01	223.26	0.005676	1.65	2.24	22.89	49.97	0.92	0.56
ruota	tratto1	380	Max WS	SC 500 4h	33.62	6.49	27.13		220.80	222.91	222.93	223.19	0.008126	2.07	2.55	16.21	32.66	1.06	0.66
ruota	tratto1	380	Max WS	SC 500 5h	29.09	3.69	25.39		220.80	222.81	222.82	223.11	0.008585	2.15	2.55	13.51	25.03	1.05	0.68
ruota	tratto1	370	Max WS	SC 500 2h	41.60	5.85	35.75		220.81	222.73	222.82	223.18	0.012048	2.75	3.15	15.14	34.09	1.15	0.86
ruota	tratto1	370	Max WS	SC 500 3h	37.70	5.14	32.56		220.81	222.72	222.73	223.10	0.010230	2.53	2.89	14.91	33.62	1.06	0.79
ruota	tratto1	370	Max WS	SC 500 4h	33.62	4.38	29.24		220.81	222.70	222.63	223.02	0.008530	2.30	2.63	14.59	32.94	0.96	0.72
ruota	tratto1	370	Max WS	SC 500 5h	29.09	3.36	25.73		220.81	222.66	222.52	222.93	0.007195	2.11	2.38	13.80	31.23	0.88	0.66
ruota	tratto1	360	Max WS	SC 500 2h	41.00	1.82	39.18		220.50	222.83	222.40	222.99	0.004258	1.68	1.80	24.36	47.36	0.65	0.52
ruota	tratto1	360	Max WS	SC 500 3h	37.22	1.38	35.83		220.50	222.80	222.32	222.94	0.003870	1.59	1.69	23.42	46.19	0.61	0.50
ruota	tratto1	360	Max WS	SC 500 4h	33.25	1.00	32.25		220.50	222.77	222.24	222.89	0.003435	1.48	1.56	22.45	44.93	0.57	0.47
ruota	tratto1	360	Max WS	SC 500 5h	28.90	0.58	28.32		220.50	222.72	222.15	222.82	0.003075	1.38	1.43	20.99	42.95	0.52	0.44
ruota	tratto1	355			Lat Struct														
ruota	tratto1	350	Max WS	SC 500 2h	36.82	3.25	33.57		220.14	222.73	221.96	222.91	0.003520	1.67	1.94	22.01	40.75	0.73	0.47
ruota	tratto1	350	Max WS	SC 500 3h	33.93	2.26	31.67		220.14	222.69	221.88	222.86	0.003390	1.64	1.88	20.67	39.94	0.73	0.46
ruota	tratto1	350	Max WS	SC 500 4h	30.77	1.48	29.29		220.14	222.66	221.79	222.81	0.003118	1.58	1.78	19.48	39.21	0.70	0.44
ruota	tratto1	350	Max WS	SC 500 5h	27.41	0.74	26.67		220.14	222.61	221.69	222.75	0.002841	1.52	1.66	18.02	38.28	0.68	0.42
ruota	tratto1	340	Max WS	SC 500 2h	29.66	0.16	29.50		220.60	222.26	222.12	222.65	0.011604	2.72	2.78	10.92	28.81	1.05	0.83
ruota	tratto1	340	Max WS	SC 500 3h	27.88	0.10	27.79		220.60	222.24	222.08	222.60	0.010798	2.61	2.66	10.68	27.86	0.98	0.80
ruota	tratto1	340	Max WS	SC 500 4h	25.98	0.04	25.93		220.60	222.22	222.03	222.54	0.010057	2.51	2.53	10.37	26.54	0.91	0.77
ruota	tratto1	340	Max WS	SC 500 5h	24.00	0.01	24.00		220.60	222.18	221.97	222.48	0.009461	2.40	2.41	9.99	24.72	0.82	0.74

River	Reach	River Sta	Profile	Plan	Q Total (m3/s)	Q Left (m3/s)	Q Channel (m3/s)	Q Right (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Total (m/s)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # XS	Froude # Chl
ruota	tratto1	330	Max WS	SC 500 2h	27.27	9.84	17.43		220.20	222.15	222.03	222.24	0.003029	1.18	1.55	23.11	62.02	0.61	0.43
ruota	tratto1	330	Max WS	SC 500 3h	26.05	8.49	17.55		220.20	222.11	222.02	222.21	0.003357	1.22	1.60	21.43	61.50	0.66	0.45
ruota	tratto1	330	Max WS	SC 500 4h	24.67	7.02	17.65		220.20	222.08	222.00	222.18	0.003708	1.26	1.66	19.65	60.72	0.72	0.47
ruota	tratto1	330	Max WS	SC 500 5h	23.18	5.53	17.65		220.20	222.04	221.68	222.16	0.004058	1.30	1.71	17.88	59.94	0.78	0.49
ruota	tratto1	325			Lat Struct														
ruota	tratto1	320	Max WS	SC 500 2h	28.53	2.13	26.40		219.90	221.70	221.58	221.96	0.007712	2.05	2.34	13.92	43.93	1.02	0.68
ruota	tratto1	320	Max WS	SC 500 3h	26.98	1.50	25.48		219.90	221.65	221.40	221.92	0.008008	2.10	2.34	12.83	39.09	1.00	0.69
ruota	tratto1	320	Max WS	SC 500 4h	25.31	0.97	24.34		219.90	221.61	221.35	221.87	0.008256	2.15	2.33	11.75	33.42	0.96	0.70
ruota	tratto1	320	Max WS	SC 500 5h	23.52	0.51	23.01		219.90	221.55	221.29	221.82	0.008523	2.19	2.32	10.74	28.89	0.94	0.70
ruota	tratto1	310	Max WS	SC 500 2h	28.53	0.09	28.43		219.65	221.39	221.22	221.77	0.012371	2.68	2.73	10.64	16.87	1.10	0.84
ruota	tratto1	310	Max WS	SC 500 3h	26.98	0.01	26.97		219.65	221.35	221.18	221.72	0.012048	2.67	2.68	10.12	12.74	0.96	0.82
ruota	tratto1	310	Max WS	SC 500 4h	25.31		25.31		219.65	221.32	221.13	221.66	0.011488	2.60	2.60	9.73	9.08	0.80	0.80
ruota	tratto1	310	Max WS	SC 500 5h	23.52		23.52		219.65	221.28	221.08	221.60	0.010776	2.51	2.51	9.37	8.78	0.78	0.78
ruota	tratto1	305			Lat Struct														
ruota	tratto1	300	Max WS	SC 500 2h	28.52	4.97	23.55		218.94	221.01	220.89	221.20	0.005470	1.71	2.10	16.69	49.77	0.87	0.57
ruota	tratto1	300	Max WS	SC 500 3h	26.97	3.76	23.21		218.94	220.96	220.83	221.17	0.005951	1.79	2.15	15.09	46.65	0.90	0.60
ruota	tratto1	300	Max WS	SC 500 4h	25.30	3.09	22.21		218.94	220.93	220.66	221.13	0.005785	1.77	2.10	14.32	45.03	0.89	0.59
ruota	tratto1	300	Max WS	SC 500 5h	23.51	2.33	21.18		218.94	220.89	220.55	221.09	0.005738	1.77	2.06	13.31	42.74	0.88	0.58
ruota	tratto1	290	Max WS	SC 500 2h	28.51	7.55	20.96		218.89	220.74	220.62	220.89	0.006467	1.48	1.94	19.22	53.76	0.92	0.61
ruota	tratto1	290	Max WS	SC 500 3h	26.97	3.74	23.23		218.89	220.66	220.62	220.89	0.006942	1.78	2.31	15.14	44.75	1.18	0.64
ruota	tratto1	290	Max WS	SC 500 4h	24.62	2.81	21.81		218.89	220.59	220.47	220.83	0.007196	1.97	2.29	12.50	29.91	1.07	0.65
ruota	tratto1	290	Max WS	SC 500 5h	23.52	2.05	21.47		218.89	220.54	220.44	220.80	0.007881	2.09	2.34	11.28	18.85	0.93	0.68
ruota	tratto1	280	Max WS	SC 500 2h	28.44	5.55	22.90		218.35	220.55	220.02	220.68	0.003538	1.39	1.79	20.50	44.42	0.77	0.46
ruota	tratto1	280	Max WS	SC 500 3h	26.94	2.83	24.11		218.35	220.45	219.97	220.64	0.004758	1.63	2.00	16.53	39.68	0.94	0.53
ruota	tratto1	280	Max WS	SC 500 4h	25.28	1.26	24.02		218.35	220.34	219.92	220.56	0.006081	1.96	2.17	12.90	22.16	0.89	0.59
ruota	tratto1	280	Max WS	SC 500 5h	23.51	0.09	23.42		218.35	220.19	219.86	220.48	0.008089	2.30	2.36	10.20	16.42	0.95	0.68
ruota	tratto1	270	Max WS	SC 500 2h	21.00		21.00		218.11	219.38	219.70	220.28	0.044386	4.20	4.20	5.00	6.34	1.51	1.51
ruota	tratto1	270	Max WS	SC 500 3h	21.00		21.00		218.11	219.38	219.70	220.28	0.044386	4.20	4.20	5.00	6.34	1.51	1.51
ruota	tratto1	270	Max WS	SC 500 4h	21.00		21.00		218.11	219.38	219.70	220.28	0.044386	4.20	4.20	5.00	6.34	1.51	1.51
ruota	tratto1	270	Max WS	SC 500 5h	21.00		21.00		218.11	219.38	219.70	220.28	0.044386	4.20	4.20	5.00	6.34	1.51	1.51
ruota	tratto1	260	Max WS	SC 500 2h	23.25	0.07	23.18		218.01	219.30	219.52	220.09	0.036705	3.85	3.97	6.04	21.82	2.40	1.39
ruota	tratto1	260	Max WS	SC 500 3h	23.25	0.07	23.18		218.01	219.30	219.52	220.09	0.036705	3.85	3.97	6.04	21.82	2.40	1.39
ruota	tratto1	260	Max WS	SC 500 4h	23.25	0.07	23.18		218.01	219.30	219.52	220.09	0.036705	3.85	3.97	6.04	21.82	2.40	1.39
ruota	tratto1	260	Max WS	SC 500 5h	23.25	0.07	23.18		218.01	219.30	219.52	220.09	0.036705	3.85	3.97	6.04	21.82	2.40	1.39
ruota	tratto1	250	Max WS	SC 500 2h	29.04	4.97	24.07		218.20	219.21	219.38	219.95	0.041999	3.02	4.16	9.63	56.23	2.95	1.49
ruota	tratto1	250	Max WS	SC 500 3h	29.04	4.97	24.07		218.20	219.21	219.38	219.95	0.041999	3.02	4.16	9.63	56.23	2.95	1.49
ruota	tratto1	250	Max WS	SC 500 4h	29.04	4.97	24.07		218.20	219.21	219.38	219.95	0.041999	3.02	4.16	9.63	56.23	2.95	1.49
ruota	tratto1	250	Max WS	SC 500 5h	29.04	4.97	24.07		218.20	219.21	219.38	219.95	0.041999	3.02	4.16	9.63	56.23	2.95	1.49
ruota	tratto1	245			Lat Struct														
ruota	tratto1	240	Max WS	SC 500 2h	31.23	9.25	21.98		218.00	219.13	219.25	219.56	0.024550	2.15	3.39	14.51	84.74	2.24	1.15
ruota	tratto1	240	Max WS	SC 500 3h	31.23	9.25	21.98		218.00	219.13	219.25	219.56	0.024550	2.15	3.39	14.51	84.74	2.24	1.15
ruota	tratto1	240	Max WS	SC 500 4h	31.23	9.25	21.98		218.00	219.13	219.25	219.56	0.024550	2.15	3.39	14.51	84.74	2.24	1.15
ruota	tratto1	240	Max WS	SC 500 5h	31.23	9.25	21.98		218.00	219.13	219.25	219.56	0.024550	2.15	3.39	14.51	84.74	2.24	1.15
ruota	tratto1	230	Max WS	SC 500 2h	36.00	18.83	17.17		217.95	219.06	219.13	219.29	0.015660	1.81	2.70	19.91	77.64	1.34	0.92
ruota	tratto1	230	Max WS	SC 500 3h	33.68	15.58	18.11		217.95	219.03	219.12	219.32	0.019580	1.96	2.97	17.18	74.02	1.58	1.02

HEC-RAS Locations: User Defined    Profile: Max WS (Continued)

River	Reach	River Sta	Profile	Plan	Q Total (m3/s)	Q Left (m3/s)	Q Channel (m3/s)	Q Right (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Total (m/s)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # XS	Froude # Chl
ruota	tratto1	230	Max WS	SC 500 4h	33.92	14.89	19.02		217.95	219.02	219.12	219.35	0.022502	2.08	3.16	16.28	72.79	1.73	1.09
ruota	tratto1	230	Max WS	SC 500 5h	33.92	14.89	19.02		217.95	219.02	219.12	219.35	0.022502	2.08	3.16	16.28	72.79	1.73	1.09
ruota	tratto1	220	Max WS	SC 500 2h	36.00	21.51	14.48		217.69	218.95	218.93	219.08	0.008005	1.49	2.02	24.09	68.39	0.87	0.66
ruota	tratto1	220	Max WS	SC 500 3h	33.68	19.30	14.39		217.69	218.93	218.92	219.06	0.008521	1.51	2.07	22.36	66.64	0.91	0.68
ruota	tratto1	220	Max WS	SC 500 4h	33.21	18.22	14.99		217.69	218.90	218.92	219.06	0.009901	1.59	2.21	20.87	65.10	0.99	0.73
ruota	tratto1	220	Max WS	SC 500 5h	33.21	18.22	14.99		217.69	218.90	218.92	219.06	0.009901	1.59	2.21	20.87	65.10	0.99	0.73
ruota	tratto1	210	Max WS	SC 500 2h	36.00	15.52	20.47		217.23	218.80	218.68	218.93	0.005318	1.39	1.94	25.88	65.45	0.82	0.55
ruota	tratto1	210	Max WS	SC 500 3h	33.68	13.37	20.31		217.23	218.77	218.68	218.91	0.005615	1.40	1.97	24.02	64.57	0.86	0.57
ruota	tratto1	210	Max WS	SC 500 4h	31.18	11.37	19.81		217.23	218.75	218.68	218.89	0.005682	1.39	1.96	22.44	63.81	0.89	0.57
ruota	tratto1	210	Max WS	SC 500 5h	28.43	9.63	18.80		217.23	218.73	218.66	218.86	0.005367	1.34	1.89	21.26	63.24	0.89	0.55
ruota	tratto1	200	Max WS	SC 500 2h	36.55	15.96	20.60		216.86	218.55	218.50	218.68	0.005034	1.45	1.94	25.27	54.85	0.76	0.54
ruota	tratto1	200	Max WS	SC 500 3h	33.95	13.50	20.45		216.86	218.51	218.49	218.65	0.005388	1.46	1.98	23.27	54.40	0.82	0.55
ruota	tratto1	200	Max WS	SC 500 4h	31.26	10.93	20.33		216.86	218.47	218.45	218.63	0.005849	1.48	2.03	21.09	53.92	0.89	0.57
ruota	tratto1	200	Max WS	SC 500 5h	28.43	8.50	19.92		216.86	218.43	218.42	218.59	0.006240	1.52	2.06	18.76	51.00	0.95	0.59
ruota	tratto1	195			Lat Struct														
ruota	tratto1	190	Max WS	SC 500 2h	37.60	18.41	19.19		216.73	218.41	218.31	218.53	0.004285	1.43	1.81	26.21	47.29	0.66	0.51
ruota	tratto1	190	Max WS	SC 500 3h	34.70	15.90	18.80		216.73	218.37	218.29	218.49	0.004531	1.43	1.83	24.27	46.86	0.69	0.52
ruota	tratto1	190	Max WS	SC 500 4h	31.70	13.39	18.31		216.73	218.32	218.25	218.45	0.004752	1.42	1.84	22.34	46.43	0.72	0.53
ruota	tratto1	190	Max WS	SC 500 5h	28.46	10.60	17.87		216.73	218.27	218.21	218.41	0.005129	1.42	1.87	20.01	45.91	0.78	0.55
ruota	tratto1	180	Max WS	SC 500 2h	37.61	19.07	18.54		216.57	218.33	218.13	218.42	0.002867	1.28	1.54	29.45	45.12	0.53	0.42
ruota	tratto1	180	Max WS	SC 500 3h	34.70	16.69	18.01		216.57	218.28	218.11	218.37	0.002990	1.27	1.55	27.42	44.57	0.54	0.43
ruota	tratto1	180	Max WS	SC 500 4h	31.70	14.39	17.32		216.57	218.24	218.08	218.33	0.003038	1.24	1.54	25.57	44.06	0.55	0.43
ruota	tratto1	180	Max WS	SC 500 5h	28.46	11.73	16.73		216.57	218.19	218.05	218.28	0.003240	1.23	1.55	23.11	43.37	0.59	0.44
ruota	tratto1	170	Max WS	SC 500 2h	38.01	18.02	19.99		216.40	218.25	218.04	218.34	0.002866	1.31	1.59	28.94	42.45	0.53	0.42
ruota	tratto1	170	Max WS	SC 500 3h	34.74	15.68	19.06		216.40	218.20	218.01	218.30	0.002832	1.28	1.56	27.24	41.89	0.53	0.42
ruota	tratto1	170	Max WS	SC 500 4h	31.70	13.53	18.17		216.40	218.17	217.97	218.25	0.002801	1.24	1.53	25.59	41.33	0.54	0.42
ruota	tratto1	170	Max WS	SC 500 5h	28.46	10.90	17.56		216.40	218.10	217.93	218.19	0.003003	1.24	1.55	23.03	40.45	0.57	0.43
ruota	tratto1	165			Lat Struct														
ruota	tratto1	160	Max WS	SC 500 2h	37.99	16.26	21.73		216.21	218.16	217.98	218.26	0.003382	1.37	1.68	27.79	44.43	0.59	0.46
ruota	tratto1	160	Max WS	SC 500 3h	34.73	13.80	20.93		216.21	218.11	217.94	218.22	0.003441	1.34	1.67	25.84	43.82	0.60	0.46
ruota	tratto1	160	Max WS	SC 500 4h	31.70	11.62	20.08		216.21	218.07	217.91	218.18	0.003449	1.32	1.65	24.08	43.26	0.62	0.46
ruota	tratto1	160	Max WS	SC 500 5h	28.46	8.63	19.83		216.21	217.99	217.86	218.11	0.004002	1.37	1.74	20.71	40.78	0.69	0.49
ruota	tratto1	150	Max WS	SC 500 2h	37.87	10.25	27.62		215.66	218.00	217.72	218.13	0.003487	1.38	1.83	27.48	55.01	0.73	0.47
ruota	tratto1	150	Max WS	SC 500 3h	34.68	7.58	27.10		215.66	217.94	217.64	218.09	0.003687	1.41	1.86	24.65	53.66	0.79	0.48
ruota	tratto1	150	Max WS	SC 500 4h	31.67	5.28	26.39		215.66	217.89	217.35	218.05	0.003826	1.44	1.87	22.05	52.38	0.85	0.49
ruota	tratto1	150	Max WS	SC 500 5h	28.46	3.69	24.77		215.66	217.75	217.26	217.92	0.004476	1.67	1.94	17.04	26.81	0.74	0.52
ruota	tratto1	140	Max WS	SC 500 2h	37.87	16.53	21.34		215.66	217.98	217.51	218.04	0.001511	0.99	1.27	38.34	64.99	0.42	0.32
ruota	tratto1	140	Max WS	SC 500 3h	34.68	13.94	20.73		215.66	217.93	217.44	217.99	0.001569	0.98	1.28	35.32	59.65	0.44	0.32
ruota	tratto1	140	Max WS	SC 500 4h	31.67	11.57	20.10		215.66	217.87	217.36	217.94	0.001618	0.98	1.28	32.47	58.09	0.46	0.33
ruota	tratto1	140	Max WS	SC 500 5h	28.46	7.50	20.95		215.66	217.72	217.25	217.81	0.002365	1.17	1.48	24.31	48.14	0.59	0.39
ruota	tratto1	130	Max WS	SC 500 2h	37.84	19.76	18.08		215.38	217.96	217.33	217.99	0.000684	0.72	0.88	52.63	73.66	0.27	0.21
ruota	tratto1	130	Max WS	SC 500 3h	34.67	17.21	17.46		215.38	217.91	217.21	217.94	0.000703	0.71	0.88	49.09	73.06	0.28	0.22
ruota	tratto1	130	Max WS	SC 500 4h	31.67	14.85	16.82		215.38	217.86	217.15	217.89	0.000718	0.69	0.87	45.75	72.48	0.28	0.22
ruota	tratto1	130	Max WS	SC 500 5h	28.46	10.06	18.40		215.38	217.69	217.06	217.74	0.001193	0.81	1.06	35.13	64.28	0.39	0.28
ruota	tratto1	125			Lat Struct														

River	Reach	River Sta	Profile	Plan	Q Total (m3/s)	Q Left (m3/s)	Q Channel (m3/s)	Q Right (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Total (m/s)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # XS	Froude # Chl
ruota	tratto1	120	Max WS	SC 500 2h	37.84	18.52	19.31		215.15	217.94	216.88	217.97	0.000468	0.65	0.79	58.58	73.80	0.23	0.18
ruota	tratto1	120	Max WS	SC 500 3h	34.65	16.14	18.51		215.15	217.89	216.81	217.91	0.000468	0.63	0.78	55.09	73.19	0.23	0.18
ruota	tratto1	120	Max WS	SC 500 4h	31.67	14.01	17.66		215.15	217.84	216.74	217.86	0.000461	0.61	0.77	51.86	72.24	0.23	0.18
ruota	tratto1	120	Max WS	SC 500 5h	28.45	9.75	18.70		215.15	217.66	216.67	217.69	0.000696	0.69	0.89	40.96	63.89	0.30	0.21
ruota	tratto1	110	Max WS	SC 500 2h	37.85	21.78	16.07		214.90	217.94	217.11	217.96	0.000426	0.62	0.76	60.79	73.30	0.22	0.17
ruota	tratto1	110	Max WS	SC 500 3h	34.65	19.23	15.42		214.90	217.89	216.78	217.91	0.000424	0.61	0.75	57.26	72.46	0.22	0.17
ruota	tratto1	110	Max WS	SC 500 4h	31.66	16.90	14.77		214.90	217.84	216.70	217.86	0.000419	0.59	0.74	53.94	71.66	0.22	0.17
ruota	tratto1	110	Max WS	SC 500 5h	28.45	12.66	15.79		214.90	217.66	216.61	217.69	0.000630	0.67	0.87	42.76	62.98	0.28	0.20
ruota	tratto1	100	Max WS	SC 500 2h	37.84	23.25	14.60		214.84	217.94	216.65	217.95	0.000278	0.55	0.65	68.54	70.11	0.17	0.14
ruota	tratto1	100	Max WS	SC 500 3h	34.65	20.72	13.94		214.84	217.88	216.58	217.90	0.000272	0.53	0.63	65.17	69.82	0.17	0.14
ruota	tratto1	100	Max WS	SC 500 4h	31.66	18.39	13.27		214.84	217.83	216.50	217.85	0.000264	0.51	0.62	62.01	69.54	0.17	0.13
ruota	tratto1	100	Max WS	SC 500 5h	28.45	14.35	14.10		214.84	217.65	216.41	217.67	0.000383	0.56	0.71	50.84	68.57	0.21	0.16
ruota	tratto1	90	Max WS	SC 500 2h	37.83	23.83	14.01		214.79	217.93	216.73	217.95	0.000253	0.55	0.63	68.51	64.71	0.16	0.13
ruota	tratto1	90	Max WS	SC 500 3h	34.65	21.34	13.30		214.79	217.88	216.66	217.89	0.000244	0.53	0.61	65.44	64.43	0.16	0.13
ruota	tratto1	90	Max WS	SC 500 4h	31.66	19.05	12.61		214.79	217.83	216.46	217.84	0.000234	0.51	0.59	62.54	64.18	0.16	0.13
ruota	tratto1	90	Max WS	SC 500 5h	28.44	15.31	13.13		214.79	217.65	216.36	217.66	0.000323	0.54	0.67	52.28	62.87	0.19	0.15
ruota	tratto1	80	Max WS	SC 500 2h	37.83	16.97	16.45	4.41	214.56	217.93	216.06	217.94	0.000196	0.51	0.57	74.92	60.00	0.15	0.11
ruota	tratto1	80	Max WS	SC 500 3h	34.64	15.40	15.54	3.70	214.56	217.87	215.98	217.89	0.000186	0.48	0.55	71.74	60.00	0.15	0.11
ruota	tratto1	80	Max WS	SC 500 4h	31.66	13.94	14.65	3.07	214.56	217.82	215.91	217.84	0.000177	0.46	0.53	68.72	60.00	0.14	0.10
ruota	tratto1	80	Max WS	SC 500 5h	28.44	11.89	14.88	1.66	214.56	217.64	215.83	217.65	0.000232	0.49	0.58	57.78	60.00	0.17	0.12
ruota	tratto1	75 BR U	Max WS	SC 500 2h	37.83	11.61	17.84	8.37	214.58	217.91	216.28	217.93		1.05	1.15	36.17	60.00	0.19	0.19
ruota	tratto1	75 BR U	Max WS	SC 500 3h	34.64	9.42	18.50	6.71	214.58	217.86	216.19	217.87		1.05	1.23	32.84	60.00	0.19	0.19
ruota	tratto1	75 BR U	Max WS	SC 500 4h	31.66	7.57	18.75	5.33	214.58	217.81	216.10	217.82		1.06	1.30	29.84	60.00	0.19	0.19
ruota	tratto1	75 BR U	Max WS	SC 500 5h	28.44	1.91	25.32	1.18	214.58	217.61	216.00	217.63		1.55	2.03	18.30	60.00	0.32	0.32
ruota	tratto1	75 BR D	Max WS	SC 500 2h	37.83	11.61	17.84	8.37	214.25	217.79	215.98	217.88		0.99	1.10	38.23	59.50	0.21	0.21
ruota	tratto1	75 BR D	Max WS	SC 500 3h	34.64	9.42	18.50	6.71	214.25	217.72	215.89	217.83		0.99	1.17	34.93	59.50	0.24	0.24
ruota	tratto1	75 BR D	Max WS	SC 500 4h	31.66	7.57	18.75	5.33	214.25	217.69	215.80	217.78		0.99	1.22	31.95	59.50	0.24	0.24
ruota	tratto1	75 BR D	Max WS	SC 500 5h	28.44	1.91	25.32	1.18	214.25	217.57	215.71	217.61		1.39	1.82	20.50	59.50	0.32	0.32
ruota	tratto1	70	Max WS	SC 500 2h	37.82	11.93	22.10	3.79	214.25	217.79	215.77	217.82	0.000465	0.73	0.85	52.04	39.60	0.21	0.15
ruota	tratto1	70	Max WS	SC 500 3h	34.62	10.21	21.27	3.14	214.25	217.71	215.70	217.74	0.000467	0.71	0.84	48.91	39.60	0.21	0.15
ruota	tratto1	70	Max WS	SC 500 4h	31.64	8.73	20.33	2.59	214.25	217.65	215.62	217.67	0.000457	0.68	0.82	46.24	39.60	0.21	0.15
ruota	tratto1	70	Max WS	SC 500 5h	28.39	5.20	22.76	0.44	214.25	217.23	215.53	217.28	0.000892	0.91	1.05	31.31	32.60	0.32	0.20
ruota	tratto1	60	Max WS	SC 500 2h	37.82	9.92	26.34	1.55	213.75	217.79	215.77	217.82	0.000404	0.73	0.83	52.12	37.69	0.21	0.17
ruota	tratto1	60	Max WS	SC 500 3h	34.61	8.41	24.93	1.28	213.75	217.71	215.68	217.74	0.000402	0.70	0.81	49.13	37.69	0.21	0.17
ruota	tratto1	60	Max WS	SC 500 4h	31.64	7.12	23.48	1.05	213.75	217.64	215.60	217.67	0.000391	0.68	0.79	46.60	37.69	0.21	0.16
ruota	tratto1	60	Max WS	SC 500 5h	28.39	3.69	24.55	0.15	213.75	217.23	215.51	217.27	0.000689	0.88	0.99	32.42	29.72	0.29	0.21
ruota	tratto1	50	Max WS	SC 500 2h	37.82	7.12	29.69	1.02	213.71	217.77	215.67	217.81	0.000625	0.87	0.97	43.49	31.28	0.25	0.20
ruota	tratto1	50	Max WS	SC 500 3h	34.61	5.93	27.92	0.76	213.71	217.69	215.58	217.73	0.000617	0.84	0.95	41.04	31.28	0.25	0.20
ruota	tratto1	50	Max WS	SC 500 4h	31.64	4.94	26.14	0.56	213.71	217.63	215.50	217.66	0.000595	0.81	0.91	38.99	31.28	0.25	0.19
ruota	tratto1	50	Max WS	SC 500 5h	28.39	2.49	25.90		213.71	217.21	215.40	217.27	0.000874	1.02	1.09	27.81	18.04	0.27	0.23
ruota	tratto1	40	Max WS	SC 500 2h	37.81	2.35	32.80	2.66	213.52	217.68	215.81	217.80	0.002026	1.41	1.64	26.76	25.23	0.48	0.29
ruota	tratto1	40	Max WS	SC 500 3h	34.58	1.35	31.18	2.05	213.52	217.60	215.69	217.72	0.001987	1.39	1.59	24.80	25.23	0.49	0.29
ruota	tratto1	40	Max WS	SC 500 4h	31.64	0.75	29.29	1.59	213.52	217.54	215.59	217.65	0.001867	1.36	1.53	23.31	24.93	0.49	0.28
ruota	tratto1	40	Max WS	SC 500 5h	28.37	0.00	28.28	0.09	213.52	217.09	215.48	217.24	0.002653	1.70	1.72	16.66	8.50	0.39	0.33
ruota	tratto1	35 BR U	Max WS	SC 500 2h	37.81	3.51	30.84	3.50	213.52	217.56	215.79	217.72		1.85	2.37	20.44	18.99	0.37	0.37
ruota	tratto1	35 BR U	Max WS	SC 500 3h	34.58	2.64	28.96	3.02	213.52	217.52	215.68	217.66		1.78	2.22	19.39	17.92	0.35	0.35



River	Reach	River Sta	Profile	Plan	Q Total	Q Left	Q Channel	Q Right	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Total	Vel Chnl	Flow Area	Top Width	Froude # XS	Froude # Chl
					(m3/s)	(m3/s)	(m3/s)	(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m2)	(m)		
ruota	tratto1	35 BR U	Max WS	SC 500 4h	31.64	1.92	27.17	2.60	213.52	217.49	215.58	217.61		1.72	2.08	18.40	16.55	0.34	0.34
ruota	tratto1	35 BR U	Max WS	SC 500 5h	28.37		28.00		213.52	216.93	215.47	217.18	0.006754	2.23	2.23	12.58	2.26	0.38	0.38
ruota	tratto1	35 BR D	Max WS	SC 500 2h	37.81	3.51	30.84	3.50	213.52	217.56	215.79	217.71		1.85	2.37	20.44	18.99	0.37	0.37
ruota	tratto1	35 BR D	Max WS	SC 500 3h	34.58	2.64	28.96	3.02	213.52	217.52	215.68	217.66		1.78	2.22	19.39	17.92	0.35	0.35
ruota	tratto1	35 BR D	Max WS	SC 500 4h	31.64	1.92	27.17	2.60	213.52	217.49	215.58	217.61		1.72	2.08	18.40	16.55	0.34	0.34
ruota	tratto1	35 BR D	Max WS	SC 500 5h	28.37		28.00		213.52	216.89	215.47	217.15	0.006781	2.24	2.24	12.49	2.40	0.39	0.39
ruota	tratto1	30	Max WS	SC 500 2h	33.73	0.00	33.57	0.16	213.52	217.12	215.66	217.33	0.003626	1.99	2.02	16.94	8.87	0.47	0.39
ruota	tratto1	30	Max WS	SC 500 3h	34.06	0.00	33.95	0.11	213.52	217.09	215.67	217.31	0.003824	2.04	2.07	16.66	8.49	0.47	0.40
ruota	tratto1	30	Max WS	SC 500 4h	31.43		31.38	0.05	213.52	217.04	215.58	217.23	0.003431	1.93	1.95	16.24	7.85	0.43	0.38
ruota	tratto1	30	Max WS	SC 500 5h	28.30		28.29	0.00	213.52	216.94	215.47	217.11	0.003060	1.82	1.82	15.56	6.68	0.38	0.36
ruota	tratto1	20	Max WS	SC 500 2h	34.30	1.13	31.84	1.33	213.49	217.18	215.41	217.25	0.000886	1.12	1.21	30.72	21.12	0.31	0.24
ruota	tratto1	20	Max WS	SC 500 3h	34.08	1.00	31.83	1.24	213.49	217.15	215.40	217.22	0.000923	1.13	1.23	30.08	21.00	0.32	0.25
ruota	tratto1	20	Max WS	SC 500 4h	31.45	0.71	29.74	1.00	213.49	217.09	215.32	217.16	0.000872	1.09	1.18	28.85	20.75	0.31	0.24
ruota	tratto1	20	Max WS	SC 500 5h	28.30	0.34	27.28	0.67	213.49	216.99	215.23	217.05	0.000847	1.06	1.13	26.75	20.33	0.31	0.24
ruota	tratto1	10	Max WS	SC 500 2h	34.30	4.66	22.77	6.88	213.14	217.18	215.06	217.20	0.000296	0.63	0.78	54.56	45.20	0.20	0.14
ruota	tratto1	10	Max WS	SC 500 3h	34.08	4.42	23.03	6.62	213.14	217.15	215.05	217.17	0.000313	0.64	0.80	53.15	45.16	0.21	0.15
ruota	tratto1	10	Max WS	SC 500 4h	31.45	3.70	22.03	5.72	213.14	217.09	214.97	217.11	0.000307	0.62	0.78	50.43	45.08	0.21	0.15
ruota	tratto1	10	Max WS	SC 500 5h	28.28	2.70	21.12	4.46	213.14	216.98	214.87	217.01	0.000319	0.62	0.78	45.72	44.93	0.22	0.15
ruota	tratto1	5	Max WS	SC 500 2h	34.23	4.63	22.77	6.84	213.14	217.18	215.06	217.20	0.000297	0.63	0.78	54.40	45.20	0.20	0.14
ruota	tratto1	5	Max WS	SC 500 3h	34.08	4.40	23.07	6.60	213.14	217.15	215.05	217.17	0.000316	0.64	0.80	53.00	45.16	0.21	0.15
ruota	tratto1	5	Max WS	SC 500 4h	31.45	3.68	22.07	5.70	213.14	217.09	214.97	217.11	0.000309	0.63	0.78	50.28	45.07	0.21	0.15
ruota	tratto1	5	Max WS	SC 500 5h	28.27	2.68	21.16	4.44	213.14	216.98	214.87	217.01	0.000321	0.62	0.78	45.59	44.93	0.22	0.15
staggia	tratto1	91	Max WS	SC 500 2h	123.26	12.09	84.38	26.79	235.51	238.55	238.58	238.99	0.007849	2.22	3.44	55.42	72.54	1.07	0.76
staggia	tratto1	91	Max WS	SC 500 3h	122.59	12.03	83.89	26.67	235.51	238.55	238.58	238.98	0.007750	2.21	3.42	55.46	72.56	1.06	0.76
staggia	tratto1	91	Max WS	SC 500 4h	115.06	9.94	82.25	22.87	235.51	238.48	238.54	238.94	0.008340	2.28	3.47	50.55	69.48	1.12	0.78
staggia	tratto1	91	Max WS	SC 500 5h	92.65	7.47	71.04	14.14	235.51	238.33	238.34	238.75	0.008071	2.26	3.24	40.99	56.27	1.08	0.76
staggia	tratto1	90	Max WS	SC 500 2h	89.21	2.35	74.33	12.53	234.40	236.91	236.66	237.14	0.003878	1.56	2.33	57.13	109.23	0.95	0.53
staggia	tratto1	90	Max WS	SC 500 3h	94.39	3.31	73.16	17.92	234.40	237.01	236.76	237.20	0.003180	1.33	2.18	71.03	148.39	0.90	0.49
staggia	tratto1	90	Max WS	SC 500 4h	90.51	4.41	66.57	19.54	234.40	237.06	236.69	237.20	0.002422	1.15	1.94	78.78	150.72	0.74	0.43
staggia	tratto1	90	Max WS	SC 500 5h	86.69	1.86	71.63	13.20	234.40	236.94	236.61	237.15	0.003411	1.41	2.21	61.28	138.06	0.97	0.50
staggia	tratto1	89	Max WS	SC 500 2h	68.75	15.26	33.30	20.19	233.40	236.51	235.08	236.51	0.000086	0.24	0.35	291.38	292.54	0.09	0.08
staggia	tratto1	89	Max WS	SC 500 3h	73.67	18.80	31.29	23.58	233.40	236.77	235.13	236.77	0.000050	0.20	0.29	368.44	297.99	0.07	0.06
staggia	tratto1	89	Max WS	SC 500 4h	75.94	20.14	30.94	24.86	233.40	236.87	235.14	236.87	0.000042	0.19	0.28	398.81	300.56	0.06	0.06
staggia	tratto1	89	Max WS	SC 500 5h	71.70	17.55	31.76	22.40	233.40	236.68	235.11	236.68	0.000059	0.21	0.31	340.93	295.65	0.07	0.07
staggia	tratto1	88	Max WS	SC 500 2h	68.08	10.98	7.54	49.55	231.84	236.50	233.66	236.50	0.000004	0.07	0.12	922.43	465.60	0.02	0.02
staggia	tratto1	88	Max WS	SC 500 3h	73.26	11.69	7.49	54.09	231.84	236.76	233.67	236.76	0.000003	0.07	0.11	1046.21	470.19	0.02	0.02
staggia	tratto1	88	Max WS	SC 500 4h	75.55	11.88	7.53	56.14	231.84	236.87	233.68	236.87	0.000003	0.07	0.11	1094.41	474.02	0.02	0.02
staggia	tratto1	88	Max WS	SC 500 5h	71.44	11.50	7.49	52.45	231.84	236.67	233.67	236.67	0.000004	0.07	0.11	1002.22	467.66	0.02	0.02
staggia	tratto1	87	Max WS	SC 500 2h	67.97	4.97	9.17	53.83	231.20	236.50	233.01	236.50	0.000002	0.07	0.10	1004.38	350.28	0.01	0.01
staggia	tratto1	87	Max WS	SC 500 3h	73.30	5.55	9.52	58.23	231.20	236.76	233.01	236.76	0.000002	0.07	0.09	1098.09	355.99	0.01	0.01
staggia	tratto1	87	Max WS	SC 500 4h	75.50	5.79	9.69	60.02	231.20	236.87	233.02	236.87	0.000002	0.07	0.09	1134.70	358.69	0.01	0.01
staggia	tratto1	87	Max WS	SC 500 5h	71.33	5.34	9.40	56.59	231.20	236.67	233.00	236.67	0.000002	0.07	0.09	1064.84	354.74	0.01	0.01
staggia	tratto1	86	Max WS	SC 500 2h	67.99	2.78	11.45	53.76	231.10	236.50	232.46	236.50	0.000002	0.08	0.11	883.14	268.63	0.01	0.02
staggia	tratto1	86	Max WS	SC 500 3h	73.25	3.08	12.02	58.15	231.10	236.76	232.49	236.76	0.000002	0.08	0.11	955.60	276.01	0.01	0.02
staggia	tratto1	86	Max WS	SC 500 4h	75.42	3.19	12.20	60.03	231.10	236.87	232.60	236.87	0.000002	0.08	0.11	983.92	276.92	0.01	0.02
staggia	tratto1	86	Max WS	SC 500 5h	71.29	2.98	11.84	56.47	231.10	236.67	232.47	236.67	0.000002	0.08	0.11	929.82	274.80	0.01	0.02

River	Reach	River Sta	Profile	Plan	Q Total (m3/s)	Q Left (m3/s)	Q Channel (m3/s)	Q Right (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Total (m/s)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # XS	Froude # Chl
staggia	tratto1	85	Max WS	SC 500 2h	67.97	4.79	48.79	14.38	230.50	236.50	231.59	236.50	0.000007	0.16	0.20	434.76	122.30	0.03	0.03
staggia	tratto1	85	Max WS	SC 500 3h	73.25	5.47	51.82	15.96	230.50	236.76	231.64	236.76	0.000006	0.16	0.20	467.86	127.63	0.03	0.03
staggia	tratto1	85	Max WS	SC 500 4h	75.40	5.75	53.03	16.62	230.50	236.86	231.66	236.87	0.000006	0.16	0.20	481.00	129.68	0.03	0.03
staggia	tratto1	85	Max WS	SC 500 5h	71.28	5.22	50.69	15.37	230.50	236.67	231.62	236.67	0.000006	0.16	0.20	455.97	125.74	0.03	0.03
staggia	tratto1	84.5	Max WS	SC 500 2h	67.97		67.97		230.50	236.46	232.59	236.50	0.000340	0.98	0.98	69.61	17.38	0.16	0.16
staggia	tratto1	84.5	Max WS	SC 500 3h	73.25		73.25		230.50	236.72	232.69	236.77	0.000332	0.99	0.99	74.27	17.88	0.15	0.15
staggia	tratto1	84.5	Max WS	SC 500 4h	75.40		75.40		230.50	236.82	232.73	236.87	0.000330	0.99	0.99	76.10	18.08	0.15	0.15
staggia	tratto1	84.5	Max WS	SC 500 5h	71.28		71.28		230.50	236.63	232.65	236.68	0.000334	0.98	0.98	72.60	17.70	0.15	0.15
staggia	tratto1	84	Max WS	SC 500 2h	67.97		67.97		230.50	236.26		236.46	0.000625	1.97	1.97	34.56	6.00	0.26	0.26
staggia	tratto1	84	Max WS	SC 500 3h	73.25		73.25		230.50	236.51		236.72	0.000655	2.03	2.03	36.06	6.00	0.26	0.26
staggia	tratto1	84	Max WS	SC 500 4h	75.40		75.40		230.50	236.61		236.82	0.000667	2.06	2.06	36.63	6.00	0.27	0.27
staggia	tratto1	84	Max WS	SC 500 5h	71.28		71.28		230.50	236.42		236.63	0.000642	2.01	2.01	35.53	6.00	0.26	0.26
staggia	tratto1	83			Culvert														
staggia	tratto1	82	Max WS	SC 500 2h	67.96		67.96		230.70	232.96	233.06	234.24	0.007163	5.01	5.01	13.56	6.00	1.06	1.06
staggia	tratto1	82	Max WS	SC 500 3h	68.55		68.55		230.70	232.97	233.07	234.26	0.007201	5.03	5.03	13.62	6.00	1.07	1.07
staggia	tratto1	82	Max WS	SC 500 4h	68.56		68.56		230.70	232.97	233.07	234.26	0.007200	5.03	5.03	13.62	6.00	1.07	1.07
staggia	tratto1	82	Max WS	SC 500 5h	68.44		68.44		230.70	232.97	233.07	234.26	0.007180	5.03	5.03	13.62	6.00	1.06	1.06
staggia	tratto1	71.5	Max WS	SC 500 2h	67.96	8.88	59.09		228.03	232.97	230.44	233.16	0.000700	1.37	2.04	49.73	58.49	0.54	0.29
staggia	tratto1	71.5	Max WS	SC 500 3h	68.54	9.07	59.47		228.03	232.98	230.45	233.17	0.000705	1.37	2.05	50.02	58.65	0.54	0.30
staggia	tratto1	71.5	Max WS	SC 500 4h	68.55	9.07	59.48		228.03	232.98	230.45	233.17	0.000705	1.37	2.05	50.02	58.65	0.54	0.30
staggia	tratto1	71.5	Max WS	SC 500 5h	68.43	9.05	59.38		228.03	232.98	230.45	233.17	0.000703	1.37	2.05	50.01	58.64	0.54	0.29
staggia	tratto1	71.49			Lat Struct														
staggia	tratto1	71	Max WS	SC 500 2h	67.18		67.18		228.06	232.78	230.41	233.06	0.000993	2.37	2.37	28.40	47.80	0.35	0.35
staggia	tratto1	71	Max WS	SC 500 3h	72.55		72.55		228.06	232.88	230.54	233.20	0.001098	2.50	2.50	29.00	48.69	0.36	0.36
staggia	tratto1	71	Max WS	SC 500 4h	74.62		74.62		228.06	232.91	230.58	233.25	0.001142	2.55	2.55	29.21	48.99	0.37	0.37
staggia	tratto1	71	Max WS	SC 500 5h	70.61		70.61		228.06	232.85	230.49	233.15	0.001059	2.45	2.45	28.80	48.39	0.36	0.36
staggia	tratto1	70.9	Max WS	SC 500 2h	67.17		67.17		228.02	232.79	230.35	233.07	0.000952	2.33	2.33	28.88	53.01	0.34	0.34
staggia	tratto1	70.9	Max WS	SC 500 3h	72.53		54.73	17.80	228.02	232.90	230.47	233.03	0.000597	1.20	1.86	60.50	55.83	0.38	0.27
staggia	tratto1	70.9	Max WS	SC 500 4h	74.54	8.65	49.33	16.55	228.02	232.93	230.51	233.02	0.000475	0.91	1.66	82.26	56.91	0.37	0.24
staggia	tratto1	70.9	Max WS	SC 500 5h	70.61		53.71	16.90	228.02	232.86	230.43	233.00	0.000586	1.19	1.83	59.46	55.04	0.38	0.27
staggia	tratto1	70.8	Max WS	SC 500 2h	67.18		67.18		228.02	232.18	231.04	232.97	0.004061	3.94	3.94	17.06	41.03	0.62	0.62
staggia	tratto1	70.8	Max WS	SC 500 3h	72.53		72.53		228.02	232.22	231.20	233.12	0.004638	4.22	4.22	17.21	41.41	0.66	0.66
staggia	tratto1	70.8	Max WS	SC 500 4h	74.53		74.53		228.02	232.23	231.25	233.18	0.004861	4.32	4.32	17.26	41.55	0.67	0.67
staggia	tratto1	70.8	Max WS	SC 500 5h	70.61		70.61		228.02	232.20	231.14	233.07	0.004426	4.12	4.12	17.16	41.28	0.64	0.64
staggia	tratto1	70.5	Max WS	SC 500 2h	67.17		67.17		228.02	232.12	231.03	232.93	0.004223	4.00	4.00	16.79	27.82	0.63	0.63
staggia	tratto1	70.5	Max WS	SC 500 3h	72.52		72.52		228.02	232.13	231.19	233.07	0.004879	4.30	4.30	16.85	28.16	0.68	0.68
staggia	tratto1	70.5	Max WS	SC 500 4h	74.13		74.13		228.02	232.13	231.24	233.12	0.005088	4.40	4.40	16.87	28.23	0.69	0.69
staggia	tratto1	70.5	Max WS	SC 500 5h	70.60		70.60		228.02	232.13	231.13	233.02	0.004634	4.19	4.19	16.84	28.07	0.66	0.66
staggia	tratto1	70	Max WS	SC 500 2h	67.17		67.17		228.02	232.19	230.85	232.84	0.003092	3.58	3.58	18.76	29.17	0.56	0.56
staggia	tratto1	70	Max WS	SC 500 3h	72.53		72.53		228.02	232.22	231.00	232.97	0.003545	3.84	3.84	18.89	29.51	0.60	0.60
staggia	tratto1	70	Max WS	SC 500 4h	74.53		74.53		228.02	232.23	231.05	233.02	0.003724	3.94	3.94	18.93	29.61	0.61	0.61
staggia	tratto1	70	Max WS	SC 500 5h	70.60		70.60		228.02	232.21	230.95	232.92	0.003377	3.75	3.75	18.85	29.40	0.58	0.58
staggia	tratto1	69	Max WS	SC 500 2h	66.87	0.27	66.61		228.28	232.21	230.94	232.74	0.002084	3.10	3.24	21.56	19.27	0.82	0.54
staggia	tratto1	69	Max WS	SC 500 3h	72.14	0.39	71.75		228.28	232.24	231.07	232.85	0.002348	3.28	3.46	22.02	20.11	0.89	0.58
staggia	tratto1	69	Max WS	SC 500 4h	74.12	0.44	73.69		228.28	232.25	231.11	232.89	0.002455	3.35	3.55	22.16	20.36	0.92	0.59
staggia	tratto1	69	Max WS	SC 500 5h	70.25	0.35	69.90		228.28	232.23	231.03	232.81	0.002250	3.21	3.38	21.87	19.83	0.87	0.56

River	Reach	River Sta		Profile	Plan	Q Total	Q Left	Q Channel	Q Right	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Total	Vel Chnl	Flow Area	Top Width	Froude # XS	Froude # Chl
						(m3/s)	(m3/s)	(m3/s)	(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m2)	(m)		
staggia	tratto1	68	BR U	Max WS	SC 500 2h	66.87	8.32	58.50		228.28	232.20	230.94	232.74		0.00	2.90		19.18	0.62	0.62
staggia	tratto1	68	BR U	Max WS	SC 500 3h	72.14	10.90	61.17		228.28	232.24	231.07	232.85		0.00	2.94		20.11	0.66	0.66
staggia	tratto1	68	BR U	Max WS	SC 500 4h	74.12	11.93	62.23		228.28	232.25	231.11	232.89		0.00	2.96		20.43	0.67	0.67
staggia	tratto1	68	BR U	Max WS	SC 500 5h	70.25	10.02	60.29		228.28	232.23	231.03	232.81		0.00	2.93		19.91	0.65	0.65
staggia	tratto1	68	BR D	Max WS	SC 500 2h	66.87	8.32	58.50		227.96	232.20	230.52	232.59		1.56	2.55	42.95	24.43	0.50	0.50
staggia	tratto1	68	BR D	Max WS	SC 500 3h	72.14	10.90	61.17		227.96	232.24	230.64	232.70		1.55	2.60	46.42	25.26	0.53	0.53
staggia	tratto1	68	BR D	Max WS	SC 500 4h	74.12	11.93	62.23		227.96	232.25	230.69	232.56		1.55	2.62	47.73	25.55	0.54	0.54
staggia	tratto1	68	BR D	Max WS	SC 500 5h	70.25	10.02	60.29		227.96	232.23	230.60	232.66		1.55	2.59	45.27	25.09	0.52	0.52
staggia	tratto1	67		Max WS	SC 500 2h	66.88		66.88		227.96	230.95	230.51	231.82	0.016961	4.14	4.14	16.16	5.65	0.78	0.78
staggia	tratto1	67		Max WS	SC 500 3h	72.15		72.15		227.96	231.10	230.64	232.02	0.017243	4.24	4.24	17.01	5.66	0.78	0.78
staggia	tratto1	67		Max WS	SC 500 4h	74.13		74.13		227.96	231.17	230.69	232.10	0.017122	4.26	4.26	17.41	5.66	0.78	0.78
staggia	tratto1	67		Max WS	SC 500 5h	70.25		70.25		227.96	231.04	230.60	231.95	0.017230	4.21	4.21	16.67	5.66	0.78	0.78
staggia	tratto1	66		Max WS	SC 500 2h	66.87		66.87		227.96	230.41	230.52	231.74	0.029827	5.10	5.10	13.10	5.63	1.07	1.07
staggia	tratto1	66		Max WS	SC 500 3h	72.15		72.15		227.96	230.52	230.64	231.93	0.030463	5.25	5.25	13.75	5.64	1.07	1.07
staggia	tratto1	66		Max WS	SC 500 4h	74.13		74.13		227.96	230.55	230.69	232.00	0.031396	5.34	5.34	13.87	5.64	1.09	1.09
staggia	tratto1	66		Max WS	SC 500 5h	70.25		70.25		227.96	230.49	230.60	231.86	0.029956	5.18	5.18	13.57	5.64	1.07	1.07
staggia	tratto1	65.9				Lat Struct														
staggia	tratto1	65		Max WS	SC 500 2h	66.88	1.89	64.99		227.88	230.79	229.55	230.91	0.002340	1.48	1.54	45.06	34.01	0.42	0.40
staggia	tratto1	65		Max WS	SC 500 3h	72.15	2.34	69.80		227.88	230.92	229.63	231.03	0.002133	1.46	1.53	49.38	36.48	0.41	0.39
staggia	tratto1	65		Max WS	SC 500 4h	74.13	2.51	71.62		227.88	230.95	229.67	231.07	0.002121	1.47	1.54	50.51	37.10	0.42	0.39
staggia	tratto1	65		Max WS	SC 500 5h	70.25	2.18	68.08		227.88	230.88	229.61	231.00	0.002176	1.46	1.53	48.04	35.73	0.42	0.39
staggia	tratto1	64		Max WS	SC 500 2h	66.88	1.81	65.06		227.88	230.74	229.55	230.87	0.002594	1.54	1.60	43.37	32.99	0.44	0.42
staggia	tratto1	64		Max WS	SC 500 3h	72.15	2.20	69.94		227.88	230.87	229.63	230.99	0.002341	1.51	1.58	47.67	35.51	0.43	0.40
staggia	tratto1	64		Max WS	SC 500 4h	74.13	2.35	71.77		227.88	230.90	229.67	231.03	0.002321	1.52	1.59	48.81	36.15	0.43	0.40
staggia	tratto1	64		Max WS	SC 500 5h	70.25	2.05	68.20		227.88	230.83	229.61	230.96	0.002390	1.52	1.58	46.37	34.76	0.43	0.41
staggia	tratto1	63		Max WS	SC 500 2h	66.88	0.60	66.27		227.87	230.74	229.42	230.84	0.001904	1.41	1.44	47.40	33.85	0.39	0.37
staggia	tratto1	63		Max WS	SC 500 3h	72.15	0.96	71.19		227.87	230.86	229.49	230.97	0.001722	1.39	1.43	51.73	35.11	0.37	0.35
staggia	tratto1	63		Max WS	SC 500 4h	74.12	1.08	73.05		227.87	230.90	229.52	231.00	0.001709	1.40	1.44	52.85	35.42	0.37	0.35
staggia	tratto1	63		Max WS	SC 500 5h	70.25	0.84	69.41		227.87	230.83	229.47	230.93	0.001756	1.39	1.43	50.43	34.73	0.38	0.35
staggia	tratto1	62	BR U	Max WS	SC 500 2h	66.88	0.08	66.79		227.87	230.40	229.95	230.83	0.013151	2.91	2.92	23.01	14.57	0.74	0.70
staggia	tratto1	62	BR U	Max WS	SC 500 3h	72.15	0.46	71.68		227.87	230.57	230.04	230.96	0.015468	2.76	2.81	26.09	22.64	0.83	0.78
staggia	tratto1	62	BR U	Max WS	SC 500 4h	74.12	0.63	73.49		227.87	230.62	230.08	231.00	0.014594	2.72	2.77	27.24	23.12	0.81	0.76
staggia	tratto1	62	BR U	Max WS	SC 500 5h	70.25	0.18	70.07		227.87	230.46	230.01	230.91	0.013159	2.93	2.95	24.01	15.34	0.75	0.70
staggia	tratto1	62	BR D	Max WS	SC 500 2h	66.88		66.88		227.87	229.90	229.90	230.65	0.026450	3.85	3.85	17.37	11.43	1.00	1.00
staggia	tratto1	62	BR D	Max WS	SC 500 3h	72.15		72.15		227.87	229.99	229.99	230.77	0.026627	3.92	3.92	18.39	11.69	1.00	1.00
staggia	tratto1	62	BR D	Max WS	SC 500 4h	74.12		74.12		227.87	230.02	230.02	230.81	0.026711	3.95	3.95	18.76	11.79	1.00	1.00
staggia	tratto1	62	BR D	Max WS	SC 500 5h	70.25		70.25		227.87	229.95	229.95	230.73	0.026659	3.90	3.90	18.00	11.59	1.00	1.00
staggia	tratto1	61		Max WS	SC 500 2h	13.35		66.88		227.87	228.84	229.35	230.47	0.066157	5.64	5.64	11.85	13.76	1.94	1.94
staggia	tratto1	61		Max WS	SC 500 3h	13.38		72.15		227.87	228.89	229.42	230.58	0.064877	5.76	5.76	12.54	13.91	1.94	1.94
staggia	tratto1	61		Max WS	SC 500 4h	15.01		74.12		227.87	228.91	229.44	230.62	0.064323	5.79	5.79	12.80	13.97	1.93	1.93
staggia	tratto1	61		Max WS	SC 500 5h	14.11		70.25		227.87	228.87	229.40	230.54	0.065323	5.72	5.72	12.29	13.86	1.94	1.94
staggia	tratto1	60.9				Lat Struct														
staggia	tratto1	60		Max WS	SC 500 2h	66.88		66.88		227.82	229.22	228.86	229.42	0.005300	1.98	1.98	33.81	29.20	0.59	0.59
staggia	tratto1	60		Max WS	SC 500 3h	72.14		72.14		227.82	229.29	228.91	229.50	0.005193	2.02	2.02	35.70	29.37	0.59	0.59
staggia	tratto1	60		Max WS	SC 500 4h	74.12		74.12		227.82	229.31	228.92	229.52	0.005177	2.04	2.04	36.35	29.42	0.59	0.59

River	Reach	River Sta	Profile	Plan	Q Total (m3/s)	Q Left (m3/s)	Q Channel (m3/s)	Q Right (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Total (m/s)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # XS	Froude # Chl
staggia	tratto1	60	Max WS	SC 500 5h	70.25		70.25		227.82	229.26	228.89	229.47	0.005228	2.01	2.01	35.03	29.31	0.59	0.59
staggia	tratto1	59	Max WS	SC 500 2h	66.88		66.88		226.47	229.23	228.28	229.36	0.002464	1.61	1.61	41.62	27.19	0.41	0.41
staggia	tratto1	59	Max WS	SC 500 3h	72.14		72.14		226.47	229.30	228.35	229.44	0.002525	1.66	1.66	43.39	27.38	0.42	0.42
staggia	tratto1	59	Max WS	SC 500 4h	74.12		74.12		226.47	229.32	228.38	229.46	0.002552	1.68	1.68	44.00	27.44	0.42	0.42
staggia	tratto1	59	Max WS	SC 500 5h	70.25		70.25		226.47	229.27	228.33	229.41	0.002502	1.64	1.64	42.77	27.31	0.42	0.42
staggia	tratto1	58	Max WS	SC 500 2h	66.86		66.86		225.81	228.72	228.58	229.11	0.012066	2.75	2.75	24.28	25.20	0.85	0.85
staggia	tratto1	58	Max WS	SC 500 3h	72.13		72.13		225.81	228.79	228.65	229.19	0.011918	2.80	2.80	25.73	26.57	0.85	0.85
staggia	tratto1	58	Max WS	SC 500 4h	74.08		74.08		225.81	228.82	228.68	229.22	0.011596	2.80	2.80	26.48	27.27	0.84	0.84
staggia	tratto1	58	Max WS	SC 500 5h	70.22		70.22		225.81	228.76	228.63	229.16	0.012017	2.79	2.79	25.18	26.05	0.85	0.85
staggia	tratto1	57	Max WS	SC 500 2h	42.56		42.56		225.63	228.09	227.60	228.20	0.003116	1.44	1.44	29.46	34.50	0.44	0.44
staggia	tratto1	57	Max WS	SC 500 3h	42.55		42.55		225.63	228.09	227.59	228.20	0.003114	1.44	1.44	29.46	34.50	0.44	0.44
staggia	tratto1	57	Max WS	SC 500 4h	42.60		42.60		225.63	228.09	227.60	228.20	0.003108	1.44	1.44	29.51	34.53	0.44	0.44
staggia	tratto1	57	Max WS	SC 500 5h	42.56		42.56		225.63	228.09	227.60	228.20	0.003117	1.44	1.44	29.46	34.50	0.44	0.44
staggia	tratto1	56.9			Lat Struct														
staggia	tratto1	56	Max WS	SC 500 2h	36.75		12.75	23.99	224.92	227.38	226.94	227.40	0.000946	0.68	0.79	53.89	99.47	0.23	0.24
staggia	tratto1	56	Max WS	SC 500 3h	47.62		16.61	31.01	224.92	227.37	227.22	227.41	0.001611	0.89	1.03	53.55	98.75	0.29	0.31
staggia	tratto1	56	Max WS	SC 500 4h	57.51		20.14	37.37	224.92	227.37	227.22	227.43	0.002375	1.08	1.26	53.30	98.21	0.36	0.38
staggia	tratto1	56	Max WS	SC 500 5h	59.98		21.74	38.24	224.92	227.33	227.22	227.40	0.002812	1.17	1.40	51.20	94.53	0.39	0.41
staggia	tratto1	55	Max WS	SC 500 2h	64.61		17.37	47.25	224.47	227.20	226.63	227.22	0.000609	0.57	0.67	112.46	108.12	0.18	0.19
staggia	tratto1	55	Max WS	SC 500 3h	60.65		16.80	43.85	224.47	227.16	226.52	227.17	0.000596	0.56	0.67	107.92	105.99	0.18	0.19
staggia	tratto1	55	Max WS	SC 500 4h	58.01		16.41	41.60	224.47	227.13	226.47	227.15	0.000584	0.55	0.67	105.10	104.65	0.18	0.19
staggia	tratto1	55	Max WS	SC 500 5h	58.14		16.47	41.67	224.47	227.13	226.47	227.14	0.000589	0.55	0.67	104.94	104.58	0.18	0.19
staggia	tratto1	53	Max WS	SC 500 2h	117.03		117.03		223.40	226.26	226.28	227.82	0.034357	5.54	5.54	21.14	227.13	1.42	1.42
staggia	tratto1	53	Max WS	SC 500 3h	115.59		115.59		223.40	226.26	226.28	227.79	0.033839	5.49	5.49	21.06	226.74	1.41	1.41
staggia	tratto1	53	Max WS	SC 500 4h	114.64		114.64		223.40	226.25	226.28	227.77	0.033339	5.45	5.45	21.05	226.67	1.40	1.40
staggia	tratto1	53	Max WS	SC 500 5h	106.65		106.65		223.40	226.24	226.28	227.57	0.029442	5.10	5.10	20.90	225.84	1.31	1.31
staggia	tratto1	52	Max WS	SC 500 2h	115.65	66.65	39.88	9.12	222.78	225.95	225.35	225.97	0.000731	0.62	0.88	185.40	195.18	0.22	0.23
staggia	tratto1	52	Max WS	SC 500 3h	105.52	60.88	36.28	8.35	222.78	225.95	225.35	225.97	0.000598	0.57	0.80	186.53	195.39	0.20	0.20
staggia	tratto1	52	Max WS	SC 500 4h	106.12	61.29	36.41	8.42	222.78	225.96	225.35	225.98	0.000596	0.57	0.80	187.43	195.55	0.20	0.20
staggia	tratto1	52	Max WS	SC 500 5h	106.58	61.61	36.50	8.48	222.78	225.96	225.35	225.98	0.000594	0.57	0.80	188.20	195.70	0.20	0.20
staggia	tratto1	51	Max WS	SC 500 2h	117.26	27.85	85.13	4.29	222.16	225.43	225.59	225.94	0.010372	2.03	3.69	57.73	145.02	1.61	0.83
staggia	tratto1	51	Max WS	SC 500 3h	114.60	26.69	83.82	4.09	222.16	225.42	225.58	225.93	0.010148	2.01	3.64	56.93	144.30	1.60	0.82
staggia	tratto1	51	Max WS	SC 500 4h	113.33	25.81	83.59	3.94	222.16	225.42	225.58	225.93	0.010195	2.02	3.64	56.06	143.51	1.62	0.82
staggia	tratto1	51	Max WS	SC 500 5h	105.55	18.48	84.37	2.71	222.16	225.36	225.54	225.95	0.011496	2.21	3.79	47.72	135.74	1.84	0.87
staggia	tratto1	50	Max WS	SC 500 2h	108.02	1.92	54.75	51.35	221.93	225.15	225.01	225.32	0.004219	1.38	2.30	78.06	116.26	0.70	0.52
staggia	tratto1	50	Max WS	SC 500 3h	112.59	2.20	56.05	54.34	221.93	225.17	225.03	225.34	0.004281	1.40	2.34	80.35	117.83	0.70	0.53
staggia	tratto1	50	Max WS	SC 500 4h	112.03	1.99	56.80	53.24	221.93	225.15	225.03	225.33	0.004543	1.44	2.39	78.03	116.24	0.72	0.54
staggia	tratto1	50	Max WS	SC 500 5h	104.97	1.24	57.09	46.64	221.93	225.08	225.00	225.28	0.005210	1.51	2.50	69.61	110.26	0.79	0.58
staggia	tratto1	49	Max WS	SC 500 2h	118.82	45.07	71.80	1.94	221.31	224.79	224.42	225.03	0.004146	1.82	2.54	65.44	65.94	0.69	0.53
staggia	tratto1	49	Max WS	SC 500 3h	121.92	46.76	72.83	2.32	221.31	224.83	224.42	225.06	0.004076	1.80	2.55	67.56	67.72	0.68	0.53
staggia	tratto1	49	Max WS	SC 500 4h	119.83	45.70	72.02	2.11	221.31	224.81	224.42	225.04	0.004083	1.80	2.54	66.43	66.77	0.68	0.53
staggia	tratto1	49	Max WS	SC 500 5h	111.58	41.47	68.77	1.33	221.31	224.74	224.36	224.97	0.004123	1.80	2.50	61.89	62.83	0.68	0.53
staggia	tratto1	48	Max WS	SC 500 2h	118.11	35.79	66.15	16.17	221.03	224.64	224.37	224.80	0.002981	1.40	2.26	84.39	95.32	0.61	0.46
staggia	tratto1	48	Max WS	SC 500 3h	121.52	37.68	66.29	17.55	221.03	224.68	224.37	224.84	0.002832	1.38	2.22	88.29	96.91	0.59	0.45
staggia	tratto1	48	Max WS	SC 500 4h	119.57	36.66	66.09	16.82	221.03	224.66	224.38	224.82	0.002895	1.39	2.23	86.32	96.12	0.60	0.46
staggia	tratto1	48	Max WS	SC 500 5h	111.39	32.13	65.64	13.61	221.03	224.56	224.31	224.74	0.003266	1.44	2.31	77.27	92.33	0.66	0.48

River	Reach	River Sta	Profile	Plan	Q Total	Q Left	Q Channel	Q Right	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Total	Vel Chnl	Flow Area	Top Width	Froude # XS	Froude # Chl
					(m3/s)	(m3/s)	(m3/s)	(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m2)	(m)		
staggia	tratto1	47	Max WS	SC 500 2h	117.89	38.95	58.79	20.15	220.73	224.58	224.11	224.69	0.001823	1.22	1.90	96.36	108.33	0.44	0.37
staggia	tratto1	47	Max WS	SC 500 3h	121.51	41.31	59.29	20.91	220.73	224.62	224.13	224.73	0.001759	1.22	1.89	99.89	109.07	0.43	0.37
staggia	tratto1	47	Max WS	SC 500 4h	119.56	40.08	58.97	20.51	220.73	224.60	224.12	224.71	0.001787	1.22	1.89	98.10	108.70	0.44	0.37
staggia	tratto1	47	Max WS	SC 500 5h	111.32	34.65	57.90	18.76	220.73	224.50	224.08	224.62	0.001956	1.24	1.93	89.87	106.96	0.47	0.38
staggia	tratto1	46	Max WS	SC 500 2h	117.85	28.99	69.78	19.09	220.16	224.38	223.58	224.54	0.001825	1.53	2.09	77.07	60.95	0.43	0.37
staggia	tratto1	46	Max WS	SC 500 3h	121.46	30.49	71.12	19.85	220.16	224.42	223.61	224.58	0.001817	1.54	2.10	78.94	62.04	0.43	0.37
staggia	tratto1	46	Max WS	SC 500 4h	119.50	29.69	70.36	19.44	220.16	224.40	223.60	224.56	0.001817	1.53	2.10	77.99	61.49	0.43	0.37
staggia	tratto1	46	Max WS	SC 500 5h	111.27	26.23	67.34	17.70	220.16	224.30	223.53	224.46	0.001849	1.51	2.07	73.48	59.51	0.43	0.37
staggia	tratto1	45	Max WS	SC 500 2h	117.65	5.11	109.19	3.36	220.03	223.94	223.39	224.45	0.005665	2.71	3.26	43.37	40.20	0.97	0.64
staggia	tratto1	45	Max WS	SC 500 3h	121.40	5.69	112.01	3.70	220.03	223.98	223.46	224.49	0.005699	2.70	3.29	44.90	44.03	1.00	0.64
staggia	tratto1	45	Max WS	SC 500 4h	119.47	5.41	110.54	3.52	220.03	223.96	223.43	224.47	0.005664	2.70	3.27	44.19	42.29	0.99	0.64
staggia	tratto1	45	Max WS	SC 500 5h	111.22	4.01	104.16	3.05	220.03	223.86	223.28	224.35	0.005712	2.75	3.20	40.46	32.98	0.90	0.64
staggia	tratto1	44.5			Lat Struct														
staggia	tratto1	44	Max WS	SC 500 2h	116.09		116.09		219.79	223.62	222.81	224.04	0.005147	2.87	2.87	40.41	22.46	0.61	0.61
staggia	tratto1	44	Max WS	SC 500 3h	118.88		118.88		219.79	223.68	222.84	224.09	0.005021	2.87	2.87	41.45	22.86	0.61	0.61
staggia	tratto1	44	Max WS	SC 500 4h	117.54		117.54		219.79	223.65	222.83	224.07	0.005072	2.87	2.87	40.98	22.68	0.61	0.61
staggia	tratto1	44	Max WS	SC 500 5h	110.96		110.96		219.79	223.53	222.73	223.94	0.005288	2.86	2.86	38.78	21.82	0.62	0.62
staggia	tratto1	42	Max WS	SC 500 2h	114.82		114.82		219.11	223.26	221.77	223.49	0.002380	2.13	2.13	53.87	21.39	0.42	0.42
staggia	tratto1	42	Max WS	SC 500 3h	116.36		116.36		219.11	223.34	221.79	223.56	0.002236	2.09	2.09	55.57	22.69	0.41	0.41
staggia	tratto1	42	Max WS	SC 500 4h	115.68		115.68		219.11	223.30	221.78	223.53	0.002302	2.11	2.11	54.78	22.09	0.41	0.41
staggia	tratto1	42	Max WS	SC 500 5h	110.71		110.71		219.11	223.14	221.72	223.37	0.002516	2.15	2.15	51.51	20.14	0.43	0.43
staggia	tratto1	41.9			Lat Struct														
staggia	tratto1	41.5	Max WS	SC 500 2h	114.81		114.81		219.07	223.24	221.42	223.40	0.001538	1.77	1.77	64.93	24.27	0.35	0.35
staggia	tratto1	41.5	Max WS	SC 500 3h	116.36		116.36		219.07	223.33	221.44	223.48	0.001442	1.74	1.74	67.01	24.44	0.33	0.33
staggia	tratto1	41.5	Max WS	SC 500 4h	115.67		115.67		219.07	223.29	221.43	223.44	0.001487	1.75	1.75	66.04	24.36	0.34	0.34
staggia	tratto1	41.5	Max WS	SC 500 5h	110.70		110.70		219.07	223.12	221.37	223.29	0.001605	1.78	1.78	62.07	23.71	0.35	0.35
staggia	tratto1	41.2 BR U	Max WS	SC 500 2h	114.81		114.81		219.07	223.20	221.42	223.37	0.001536	1.82	1.82	63.25	21.82	0.34	0.34
staggia	tratto1	41.2 BR U	Max WS	SC 500 3h	116.36		116.36		219.07	223.24	221.44	223.41	0.001525	1.82	1.82	63.97	21.82	0.34	0.34
staggia	tratto1	41.2 BR U	Max WS	SC 500 4h	115.67		115.67		219.07	223.22	221.43	223.39	0.001529	1.82	1.82	63.67	21.82	0.34	0.34
staggia	tratto1	41.2 BR U	Max WS	SC 500 5h	110.70		110.70		219.07	223.12	221.37	223.28	0.001565	1.80	1.80	61.37	21.82	0.34	0.34
staggia	tratto1	41.2 BR D	Max WS	SC 500 2h	114.81		114.81		219.07	223.20	221.42	223.37	0.001542	1.82	1.82	63.17	21.82	0.34	0.34
staggia	tratto1	41.2 BR D	Max WS	SC 500 3h	116.36		116.36		219.07	223.23	221.44	223.40	0.001530	1.82	1.82	63.90	21.82	0.34	0.34
staggia	tratto1	41.2 BR D	Max WS	SC 500 4h	115.67		115.67		219.07	223.22	221.43	223.39	0.001534	1.82	1.82	63.59	21.82	0.34	0.34
staggia	tratto1	41.2 BR D	Max WS	SC 500 5h	110.70		110.70		219.07	223.11	221.37	223.28	0.001571	1.81	1.81	61.30	21.82	0.34	0.34
staggia	tratto1	41	Max WS	SC 500 2h	114.76		114.76		219.07	223.20	221.42	223.37	0.001608	1.79	1.79	63.94	24.19	0.35	0.35
staggia	tratto1	41	Max WS	SC 500 3h	116.34		116.34		219.07	223.24	221.44	223.40	0.001593	1.80	1.80	64.75	24.25	0.35	0.35
staggia	tratto1	41	Max WS	SC 500 4h	115.66		115.66		219.07	223.22	221.43	223.39	0.001599	1.80	1.80	64.40	24.23	0.35	0.35
staggia	tratto1	41	Max WS	SC 500 5h	110.69		110.69		219.07	223.11	221.36	223.28	0.001620	1.79	1.79	61.85	23.67	0.35	0.35
staggia	tratto1	40	Max WS	SC 500 2h	114.76		114.76		219.06	223.21	220.97	223.35	0.001153	1.66	1.66	69.18	20.18	0.29	0.29
staggia	tratto1	40	Max WS	SC 500 3h	116.34		116.34		219.06	223.24	220.99	223.38	0.001153	1.67	1.67	69.85	20.22	0.29	0.29
staggia	tratto1	40	Max WS	SC 500 4h	115.66		115.66		219.06	223.23	220.98	223.37	0.001153	1.66	1.66	69.56	20.21	0.29	0.29
staggia	tratto1	40	Max WS	SC 500 5h	110.69		110.69		219.06	223.12	220.93	223.26	0.001154	1.64	1.64	67.44	20.07	0.29	0.29
staggia	tratto1	39 BR U	Max WS	SC 500 2h	114.76		114.76		219.06	222.85	221.09	223.29	0.009295	2.92	2.92	39.34	4.51	0.48	0.48
staggia	tratto1	39 BR U	Max WS	SC 500 3h	116.34		116.34		219.06	222.88	221.11	223.32	0.009479	2.95	2.95	39.45	4.51	0.48	0.48
staggia	tratto1	39 BR U	Max WS	SC 500 4h	115.66		115.66		219.06	222.87	221.10	223.31	0.009399	2.94	2.94	39.40	4.51	0.48	0.48



River	Reach	River Sta	Profile	Plan	Q Total (m3/s)	Q Left (m3/s)	Q Channel (m3/s)	Q Right (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Total (m/s)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # XS	Froude # Chl
staggia	tratto1	39 BR U	Max WS	SC 500 5h	110.69		110.69		219.06	222.79	221.05	223.20	0.008822	2.83	2.83	39.07	4.51	0.47	0.47
staggia	tratto1	39 BR D	Max WS	SC 500 2h	114.76		114.76		219.04	222.79	221.07	223.23	0.009296	2.92	2.92	39.34	4.51	0.48	0.48
staggia	tratto1	39 BR D	Max WS	SC 500 3h	116.34		116.34		219.04	222.82	221.09	223.26	0.009484	2.95	2.95	39.44	4.51	0.48	0.48
staggia	tratto1	39 BR D	Max WS	SC 500 4h	115.66		115.66		219.04	222.81	221.08	223.25	0.009402	2.94	2.94	39.40	4.51	0.48	0.48
staggia	tratto1	39 BR D	Max WS	SC 500 5h	110.69		110.69		219.04	222.74	221.03	223.15	0.008814	2.83	2.83	39.09	4.51	0.47	0.47
staggia	tratto1	38	Max WS	SC 500 2h	114.70		114.70		219.04	222.98	220.95	223.14	0.001380	1.77	1.77	64.95	19.88	0.31	0.31
staggia	tratto1	38	Max WS	SC 500 3h	116.31		116.31		219.04	223.00	220.97	223.16	0.001385	1.78	1.78	65.50	19.92	0.31	0.31
staggia	tratto1	38	Max WS	SC 500 4h	115.64		115.64		219.04	222.99	220.96	223.15	0.001383	1.77	1.77	65.27	19.91	0.31	0.31
staggia	tratto1	38	Max WS	SC 500 5h	110.67		110.67		219.04	222.91	220.91	223.06	0.001368	1.74	1.74	63.56	19.79	0.31	0.31
staggia	tratto1	37.5			Lat Struct														
staggia	tratto1	37	Max WS	SC 500 2h	114.70		114.70		219.15	222.96	221.29	223.12	0.001637	1.82	1.82	63.07	84.22	0.36	0.36
staggia	tratto1	37	Max WS	SC 500 3h	116.31		116.31		219.15	222.98	221.31	223.15	0.001638	1.82	1.82	63.75	84.45	0.36	0.36
staggia	tratto1	37	Max WS	SC 500 4h	115.63		115.63		219.15	222.97	221.29	223.14	0.001638	1.82	1.82	63.46	84.35	0.36	0.36
staggia	tratto1	37	Max WS	SC 500 5h	110.65		110.65		219.15	222.88	221.24	223.05	0.001635	1.80	1.80	61.34	83.66	0.36	0.36
staggia	tratto1	36	Max WS	SC 500 2h	114.59		114.59		218.89	222.10	221.85	222.90	0.010938	3.99	3.99	28.75	75.25	0.86	0.86
staggia	tratto1	36	Max WS	SC 500 3h	116.27		116.27		218.89	222.12	221.87	222.93	0.010950	4.00	4.00	29.06	75.64	0.86	0.86
staggia	tratto1	36	Max WS	SC 500 4h	115.60		115.60		218.89	222.11	221.86	222.92	0.010992	4.00	4.00	28.89	75.43	0.86	0.86
staggia	tratto1	36	Max WS	SC 500 5h	110.61		110.61		218.89	222.02	221.79	222.83	0.011139	3.98	3.98	27.80	74.03	0.87	0.87
staggia	tratto1	35.5	Max WS	SC 500 2h	114.62		114.62		217.85	222.05	221.29	222.52	0.005968	3.04	3.04	37.69	21.64	0.65	0.65
staggia	tratto1	35.5	Max WS	SC 500 3h	116.28		116.28		217.85	222.07	221.32	222.55	0.006045	3.05	3.05	38.07	21.91	0.65	0.65
staggia	tratto1	35.5	Max WS	SC 500 4h	115.60		115.60		217.85	222.06	221.31	222.53	0.006030	3.05	3.05	37.85	21.75	0.65	0.65
staggia	tratto1	35.5	Max WS	SC 500 5h	110.62		110.62		217.85	221.97	221.23	222.44	0.005880	3.04	3.04	36.42	20.76	0.64	0.64
staggia	tratto1	35	Max WS	SC 500 2h	113.44		113.44		218.10	221.40	221.33	222.34	0.013873	4.29	4.29	26.45	12.95	0.96	0.96
staggia	tratto1	35	Max WS	SC 500 3h	114.77		114.77		218.10	221.41	221.35	222.36	0.014026	4.32	4.32	26.57	12.97	0.96	0.96
staggia	tratto1	35	Max WS	SC 500 4h	114.54		114.54		218.10	221.41	221.35	222.35	0.013993	4.31	4.31	26.56	12.97	0.96	0.96
staggia	tratto1	35	Max WS	SC 500 5h	110.33		110.33		218.10	221.37	221.29	222.28	0.013541	4.22	4.22	26.14	12.87	0.95	0.95
staggia	tratto1	34.85			Lat Struct														
staggia	tratto1	33	Max WS	SC 500 2h	114.32		114.32		217.61	221.51	220.46	221.69	0.002359	1.90	1.90	60.20	30.63	0.42	0.42
staggia	tratto1	33	Max WS	SC 500 3h	115.77		115.77		217.61	221.52	220.47	221.71	0.002369	1.91	1.91	60.66	31.13	0.42	0.42
staggia	tratto1	33	Max WS	SC 500 4h	115.29		115.29		217.61	221.52	220.47	221.70	0.002365	1.91	1.91	60.51	30.92	0.42	0.42
staggia	tratto1	33	Max WS	SC 500 5h	110.50		110.50		217.61	221.46	220.43	221.64	0.002339	1.87	1.87	58.99	30.23	0.42	0.42
staggia	tratto1	32	Max WS	SC 500 2h	114.32		114.32		217.92	221.39	220.46	221.58	0.002583	1.96	1.96	58.30	32.33	0.44	0.44
staggia	tratto1	32	Max WS	SC 500 3h	115.77		115.77		217.92	221.40	220.47	221.60	0.002589	1.97	1.97	58.75	32.40	0.44	0.44
staggia	tratto1	32	Max WS	SC 500 4h	115.29		115.29		217.92	221.40	220.47	221.60	0.002586	1.97	1.97	58.60	32.38	0.44	0.44
staggia	tratto1	32	Max WS	SC 500 5h	110.49		110.49		217.92	221.35	220.43	221.54	0.002566	1.93	1.93	57.12	32.13	0.44	0.44
staggia	tratto1	31	Max WS	SC 500 2h	114.32		114.32		217.64	220.71	220.67	221.31	0.014360	3.43	3.43	33.31	25.85	0.96	0.96
staggia	tratto1	31	Max WS	SC 500 3h	115.77		115.77		217.64	220.71	220.69	221.32	0.014474	3.46	3.46	33.50	25.88	0.97	0.97
staggia	tratto1	31	Max WS	SC 500 4h	115.29		115.29		217.64	220.71	220.68	221.32	0.014437	3.45	3.45	33.44	25.87	0.97	0.97
staggia	tratto1	31	Max WS	SC 500 5h	110.49		110.49		217.64	220.69	220.65	221.26	0.014059	3.37	3.37	32.80	25.77	0.95	0.95
staggia	tratto1	30	Max WS	SC 500 2h	114.32		114.32		217.45	220.52	220.14	220.72	0.005309	2.01	2.01	56.97	48.30	0.59	0.59
staggia	tratto1	30	Max WS	SC 500 3h	115.77		115.77		217.45	220.52	220.15	220.73	0.005322	2.02	2.02	57.39	48.34	0.59	0.59
staggia	tratto1	30	Max WS	SC 500 4h	115.29		115.29		217.45	220.52	220.15	220.73	0.005317	2.01	2.01	57.25	48.33	0.59	0.59
staggia	tratto1	30	Max WS	SC 500 5h	110.48		110.48		217.45	220.49	220.12	220.69	0.005278	1.98	1.98	55.86	48.18	0.59	0.59
staggia	tratto1	29	Max WS	SC 500 2h	114.31		114.31		217.23	220.08	219.75	220.23	0.006930	1.72	1.72	66.49	87.47	0.63	0.63
staggia	tratto1	29	Max WS	SC 500 3h	115.74		115.74		217.23	220.09	219.76	220.24	0.006810	1.72	1.72	67.37	87.58	0.63	0.63

River	Reach	River Sta	Profile	Plan	Q Total (m3/s)	Q Left (m3/s)	Q Channel (m3/s)	Q Right (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Total (m/s)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # XS	Froude # Chl
staggia	tratto1	29	Max WS	SC 500 4h	115.27		115.27		217.23	220.09	219.76	220.24	0.006851	1.72	1.72	67.08	87.54	0.63	0.63
staggia	tratto1	29	Max WS	SC 500 5h	110.46		110.46		217.23	220.05	219.73	220.20	0.007271	1.72	1.72	64.12	87.19	0.64	0.64
staggia	tratto1	28	Max WS	SC 500 2h	114.31		114.31		217.07	219.88	219.23	219.99	0.002831	1.43	1.43	80.19	70.91	0.43	0.43
staggia	tratto1	28	Max WS	SC 500 3h	115.73		115.73		217.07	219.89	219.24	220.00	0.002824	1.43	1.43	80.88	70.98	0.43	0.43
staggia	tratto1	28	Max WS	SC 500 4h	115.27		115.27		217.07	219.89	219.24	219.99	0.002825	1.43	1.43	80.66	70.96	0.43	0.43
staggia	tratto1	28	Max WS	SC 500 5h	110.44		110.44		217.07	219.86	219.21	219.96	0.002852	1.41	1.41	78.31	70.71	0.43	0.43
staggia	tratto1	27	Max WS	SC 500 2h	114.31		114.31		217.09	219.77	219.10	219.89	0.003114	1.55	1.55	73.87	65.84	0.45	0.45
staggia	tratto1	27	Max WS	SC 500 3h	115.73		115.73		217.09	219.78	219.11	219.90	0.003108	1.55	1.55	74.48	65.90	0.45	0.45
staggia	tratto1	27	Max WS	SC 500 4h	115.26		115.26		217.09	219.78	219.11	219.90	0.003109	1.55	1.55	74.29	65.88	0.45	0.45
staggia	tratto1	27	Max WS	SC 500 5h	110.44		110.44		217.09	219.74	219.08	219.86	0.003124	1.53	1.53	72.23	65.67	0.45	0.45
staggia	tratto1	26	Max WS	SC 500 2h	114.30		114.30		216.91	219.41	219.15	219.64	0.007172	2.11	2.11	54.23	53.71	0.67	0.67
staggia	tratto1	26	Max WS	SC 500 3h	115.72		115.72		216.91	219.42	219.15	219.65	0.007124	2.11	2.11	54.81	53.86	0.67	0.67
staggia	tratto1	26	Max WS	SC 500 4h	115.26		115.26		216.91	219.42	219.15	219.65	0.007106	2.11	2.11	54.71	53.84	0.67	0.67
staggia	tratto1	26	Max WS	SC 500 5h	110.43		110.43		216.91	219.39	219.13	219.61	0.007083	2.08	2.08	53.22	53.45	0.66	0.66
staggia	tratto1	25	Max WS	SC 500 2h	114.19		114.19		215.99	218.92	218.68	219.17	0.008119	2.20	2.20	51.96	52.55	0.71	0.71
staggia	tratto1	25	Max WS	SC 500 3h	115.42		115.42		215.99	218.92	218.69	219.17	0.008248	2.22	2.22	52.06	52.57	0.71	0.71
staggia	tratto1	25	Max WS	SC 500 4h	115.16		115.16		215.99	218.91	218.69	219.17	0.008477	2.24	2.24	51.51	52.45	0.72	0.72
staggia	tratto1	25	Max WS	SC 500 5h	110.39		110.39		215.99	218.87	218.66	219.12	0.009032	2.25	2.25	49.07	51.88	0.74	0.74
staggia	tratto1	24	Max WS	SC 500 2h	114.15		114.15		215.69	218.80	218.16	218.94	0.004076	1.68	1.68	68.08	60.95	0.51	0.51
staggia	tratto1	24	Max WS	SC 500 3h	115.30		115.30		215.69	218.80	218.17	218.94	0.004164	1.69	1.69	68.04	60.94	0.51	0.51
staggia	tratto1	24	Max WS	SC 500 4h	115.09		115.09		215.69	218.78	218.17	218.93	0.004322	1.71	1.71	67.11	60.71	0.52	0.52
staggia	tratto1	24	Max WS	SC 500 5h	110.35		110.35		215.69	218.72	218.12	218.88	0.004666	1.74	1.74	63.58	59.85	0.54	0.54
staggia	tratto1	23	Max WS	SC 500 2h	114.09		114.09		215.45	218.69	217.85	218.75	0.001298	1.10	1.10	104.09	75.38	0.30	0.30
staggia	tratto1	23	Max WS	SC 500 3h	115.25		115.25		215.45	218.68	217.86	218.74	0.001336	1.11	1.11	103.81	75.37	0.30	0.30
staggia	tratto1	23	Max WS	SC 500 4h	115.02		115.02		215.45	218.66	217.86	218.73	0.001397	1.12	1.12	102.25	75.29	0.31	0.31
staggia	tratto1	23	Max WS	SC 500 5h	110.32		110.32		215.45	218.59	217.83	218.66	0.001528	1.14	1.14	96.91	74.98	0.32	0.32
staggia	tratto1	22	Max WS	SC 500 2h	114.05		114.05		214.92	218.54	217.44	218.64	0.001398	1.39	1.39	81.97	43.70	0.32	0.32
staggia	tratto1	22	Max WS	SC 500 3h	115.18		115.18		214.92	218.53	217.45	218.63	0.001446	1.41	1.41	81.59	43.68	0.33	0.33
staggia	tratto1	22	Max WS	SC 500 4h	114.97		114.97		214.92	218.50	217.45	218.61	0.001507	1.43	1.43	80.44	43.60	0.34	0.34
staggia	tratto1	22	Max WS	SC 500 5h	110.29		110.29		214.92	218.43	217.42	218.53	0.001586	1.43	1.43	77.06	43.36	0.34	0.34
staggia	tratto1	21	Max WS	SC 500 2h	114.05		114.05		214.69	218.49	217.16	218.58	0.001150	1.38	1.38	82.41	37.77	0.30	0.30
staggia	tratto1	21	Max WS	SC 500 3h	115.18		115.18		214.69	218.48	217.17	218.58	0.001190	1.40	1.40	82.02	37.74	0.30	0.30
staggia	tratto1	21	Max WS	SC 500 4h	114.95		114.95		214.69	218.45	217.17	218.55	0.001233	1.42	1.42	80.95	37.64	0.31	0.31
staggia	tratto1	21	Max WS	SC 500 5h	110.27		110.27		214.69	218.37	217.14	218.47	0.001273	1.41	1.41	77.97	37.38	0.31	0.31
staggia	tratto1	20	Max WS	SC 500 2h	114.03		114.03		214.30	218.44	216.99	218.53	0.000958	1.30	1.30	87.68	38.46	0.27	0.27
staggia	tratto1	20	Max WS	SC 500 3h	115.17		115.17		214.30	218.43	217.00	218.52	0.000993	1.32	1.32	87.21	38.41	0.28	0.28
staggia	tratto1	20	Max WS	SC 500 4h	114.95		114.95		214.30	218.40	217.00	218.49	0.001030	1.34	1.34	86.05	38.31	0.28	0.28
staggia	tratto1	20	Max WS	SC 500 5h	110.27		110.27		214.30	218.32	216.96	218.41	0.001060	1.33	1.33	82.94	38.04	0.29	0.29
staggia	tratto1	19	Max WS	SC 500 2h	114.00		114.00		214.92	218.27	217.39	218.44	0.002439	1.81	1.81	63.07	50.21	0.43	0.43
staggia	tratto1	19	Max WS	SC 500 3h	115.14		115.14		214.92	218.25	217.39	218.43	0.002578	1.85	1.85	62.34	50.07	0.44	0.44
staggia	tratto1	19	Max WS	SC 500 4h	114.92		114.92		214.92	218.21	217.39	218.39	0.002752	1.89	1.89	60.94	49.81	0.45	0.45
staggia	tratto1	19	Max WS	SC 500 5h	110.22		110.22		214.92	218.12	217.36	218.31	0.002972	1.91	1.91	57.82	49.23	0.47	0.47
staggia	tratto1	18	Max WS	SC 500 2h	114.00	6.97	107.03		214.79	218.16	217.13	218.29	0.001811	1.47	1.60	77.48	84.01	0.41	0.37
staggia	tratto1	18	Max WS	SC 500 3h	115.14	6.66	108.48		214.79	218.13	217.14	218.27	0.001959	1.52	1.65	75.84	83.75	0.43	0.38
staggia	tratto1	18	Max WS	SC 500 4h	114.91	5.95	108.95		214.79	218.08	217.14	218.22	0.002174	1.58	1.71	72.92	83.30	0.45	0.40
staggia	tratto1	18	Max WS	SC 500 5h	110.13	4.23	105.90		214.79	217.96	217.09	218.12	0.002532	1.65	1.77	66.83	82.56	0.49	0.43

River	Reach	River Sta	Profile	Plan	Q Total (m3/s)	Q Left (m3/s)	Q Channel (m3/s)	Q Right (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Total (m/s)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # XS	Froude # Chl
staggia	tratto1	17.99			Lat Struct														
staggia	tratto1	17	Max WS	SC 500 2h	149.06	20.21	128.85		213.74	217.64	217.30	217.91	0.004963	2.09	2.44	71.36	60.56	0.68	0.59
staggia	tratto1	17	Max WS	SC 500 3h	151.00	20.21	130.80		213.74	217.64	217.31	217.92	0.005198	2.13	2.49	70.82	60.52	0.69	0.61
staggia	tratto1	17	Max WS	SC 500 4h	145.07	18.15	126.93		213.74	217.59	217.28	217.87	0.005302	2.13	2.48	68.23	60.25	0.70	0.61
staggia	tratto1	17	Max WS	SC 500 5h	131.06	14.10	116.96		213.74	217.51	217.20	217.78	0.005274	2.07	2.40	63.29	59.72	0.71	0.60
staggia	tratto1	16.75*	Max WS	SC 500 2h	145.15	17.71	127.44		213.43	217.48	217.20	217.75	0.005109	2.07	2.41	70.18	62.95	0.69	0.60
staggia	tratto1	16.75*	Max WS	SC 500 3h	149.56	16.96	132.60		213.43	217.44	217.22	217.75	0.006016	2.22	2.57	67.45	62.37	0.75	0.65
staggia	tratto1	16.75*	Max WS	SC 500 4h	144.35	14.44	129.92		213.43	217.38	217.19	217.70	0.006549	2.27	2.62	63.52	61.71	0.79	0.67
staggia	tratto1	16.75*	Max WS	SC 500 5h	130.62	10.16	120.46		213.43	217.28	217.11	217.60	0.006877	2.27	2.59	57.54	60.91	0.82	0.68
staggia	tratto1	16.50			Lat Struct														
staggia	tratto1	16.30	Max WS	SC 500 2h	202.08	6.16	121.33	74.58	213.29	217.14	216.79	217.33	0.003854	1.70	2.28	118.95	116.98	0.62	0.53
staggia	tratto1	16.30	Max WS	SC 500 3h	195.50	5.47	118.60	71.43	213.29	217.11	216.77	217.30	0.003854	1.69	2.26	116.01	116.29	0.62	0.53
staggia	tratto1	16.30	Max WS	SC 500 4h	183.00	4.00	113.94	65.06	213.29	217.05	216.62	217.24	0.003982	1.68	2.25	108.90	114.59	0.63	0.54
staggia	tratto1	16.30	Max WS	SC 500 5h	163.35	1.80	107.08	54.46	213.29	216.94	216.49	217.13	0.004400	1.70	2.26	95.83	111.02	0.67	0.56
staggia	tratto1	16.25*	Max WS	SC 500 2h	201.95	6.04	121.55	74.36	213.29	217.13	216.79	217.33	0.003910	1.71	2.30	118.24	116.81	0.62	0.54
staggia	tratto1	16.25*	Max WS	SC 500 3h	195.50	5.34	118.92	71.24	213.29	217.11	216.78	217.30	0.003919	1.70	2.28	115.26	116.11	0.62	0.54
staggia	tratto1	16.25*	Max WS	SC 500 4h	183.00	3.89	114.24	64.87	213.29	217.05	216.62	217.24	0.004049	1.69	2.26	108.20	114.43	0.64	0.54
staggia	tratto1	16.25*	Max WS	SC 500 5h	163.34	1.70	107.46	54.19	213.29	216.93	216.57	217.13	0.004499	1.72	2.28	94.98	110.70	0.68	0.56
staggia	tratto2	16	Max WS	SC 500 2h	237.10	7.23	148.95	80.92	212.80	216.92	216.55	217.18	0.005231	1.99	2.60	119.37	107.04	0.68	0.62
staggia	tratto2	16	Max WS	SC 500 3h	229.67	6.78	145.72	77.17	212.80	216.90	216.55	217.15	0.005260	1.97	2.58	116.54	106.77	0.68	0.62
staggia	tratto2	16	Max WS	SC 500 4h	214.47	5.73	139.51	69.23	212.80	216.84	216.51	217.09	0.005154	1.94	2.55	110.48	103.77	0.68	0.61
staggia	tratto2	16	Max WS	SC 500 5h	191.65	4.16	127.78	59.72	212.80	216.75	216.31	216.99	0.004633	1.89	2.46	101.57	99.49	0.68	0.58
staggia	tratto2	15	Max WS	SC 500 2h	237.03	2.49	129.65	104.89	212.68	216.67	216.37	216.87	0.003631	1.69	2.42	140.39	128.49	0.60	0.53
staggia	tratto2	15	Max WS	SC 500 3h	229.60	2.16	127.09	100.35	212.68	216.65	216.35	216.85	0.003629	1.67	2.40	137.15	128.05	0.61	0.53
staggia	tratto2	15	Max WS	SC 500 4h	214.45	1.52	121.90	91.03	212.68	216.59	216.31	216.79	0.003640	1.65	2.36	130.22	127.23	0.61	0.52
staggia	tratto2	15	Max WS	SC 500 5h	191.61	0.72	113.74	77.15	212.68	216.51	216.26	216.70	0.003638	1.60	2.29	119.61	125.95	0.63	0.52
staggia	tratto2	14	Max WS	SC 500 2h	237.55	25.51	109.90	102.14	212.89	216.51	216.13	216.66	0.002753	1.44	2.20	164.40	145.75	0.51	0.47
staggia	tratto2	14	Max WS	SC 500 3h	230.18	24.15	107.90	98.12	212.89	216.48	216.11	216.63	0.002753	1.43	2.19	160.77	145.36	0.52	0.46
staggia	tratto2	14	Max WS	SC 500 4h	214.95	21.33	103.86	89.76	212.89	216.43	216.07	216.57	0.002772	1.41	2.16	152.73	144.48	0.52	0.46
staggia	tratto2	14	Max WS	SC 500 5h	192.06	17.07	97.09	77.91	212.89	216.34	215.99	216.48	0.002773	1.37	2.10	140.17	141.25	0.53	0.46
staggia	tratto2	13	Max WS	SC 500 2h	237.45		153.74	83.71	212.81	216.34	215.89	216.46	0.003102	1.49	1.78	159.87	153.29	0.47	0.47
staggia	tratto2	13	Max WS	SC 500 3h	230.10		149.31	80.79	212.81	216.31	215.87	216.43	0.003102	1.47	1.76	156.18	151.31	0.47	0.47
staggia	tratto2	13	Max WS	SC 500 4h	214.91		140.24	74.67	212.81	216.25	215.84	216.37	0.003121	1.45	1.72	148.33	147.41	0.47	0.46
staggia	tratto2	13	Max WS	SC 500 5h	192.05		128.22	63.83	212.81	216.16	215.79	216.28	0.003236	1.41	1.68	136.28	145.72	0.48	0.47
staggia	tratto2	12.9			Lat Struct														
staggia	tratto2	12.1	Max WS	SC 500 2h	237.27		112.28	124.99	212.65	216.07	215.64	216.22	0.003686	1.65	2.08	143.47	170.84	0.51	0.51
staggia	tratto2	12.1	Max WS	SC 500 3h	230.06		109.92	120.14	212.65	216.04	215.62	216.19	0.003733	1.64	2.07	140.02	170.41	0.51	0.52
staggia	tratto2	12.1	Max WS	SC 500 4h	214.88		104.26	110.61	212.65	215.98	215.57	216.13	0.003779	1.62	2.04	132.93	168.28	0.51	0.52
staggia	tratto2	12.1	Max WS	SC 500 5h	192.04		96.14	95.90	212.65	215.88	215.54	216.03	0.003873	1.57	2.00	122.40	166.52	0.52	0.52
staggia	tratto2	12	Max WS	SC 500 2h	233.79		144.75	89.04	212.62	215.75	215.67	216.17	0.011005	2.68	3.23	87.13	131.78	0.87	0.87
staggia	tratto2	12	Max WS	SC 500 3h	226.93		141.66	85.27	212.62	215.72	215.65	216.14	0.011273	2.68	3.23	84.76	131.37	0.88	0.87
staggia	tratto2	12	Max WS	SC 500 4h	212.26		134.84	77.43	212.62	215.66	215.54	216.07	0.011865	2.66	3.22	79.69	130.21	0.91	0.89
staggia	tratto2	12	Max WS	SC 500 5h	190.23		123.04	67.19	212.62	215.56	215.52	215.96	0.012463	2.65	3.17	71.86	127.05	0.93	0.90
staggia	tratto2	11.9			Lat Struct														

River	Reach	River Sta	Profile	Plan	Q Total (m3/s)	Q Left (m3/s)	Q Channel (m3/s)	Q Right (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Total (m/s)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # XS	Froude # Chl
staggia	tratto2	11	Max WS	SC 500 2h	236.46	0.22	158.10	78.14	212.47	215.74	215.24	215.93	0.002906	1.74	2.17	135.98	145.96	0.64	0.48
staggia	tratto2	11	Max WS	SC 500 3h	228.78	0.01	154.11	74.67	212.47	215.71	215.22	215.90	0.002891	1.74	2.15	131.80	145.88	0.64	0.48
staggia	tratto2	11	Max WS	SC 500 4h	213.06		145.96	67.10	212.47	215.65	215.17	215.83	0.002843	1.69	2.10	125.93	143.94	0.50	0.47
staggia	tratto2	11	Max WS	SC 500 5h	190.03		134.07	55.96	212.47	215.55	215.10	215.72	0.002793	1.63	2.03	116.85	142.34	0.50	0.47
staggia	tratto2	10	Max WS	SC 500 2h	237.28		181.17	56.11	211.55	215.45	215.40	215.90	0.006903	2.53	3.31	93.87	137.45	0.88	0.72
staggia	tratto2	10	Max WS	SC 500 3h	231.04		178.18	52.86	211.55	215.42	215.38	215.87	0.006906	2.52	3.29	91.86	137.18	0.89	0.72
staggia	tratto2	10	Max WS	SC 500 4h	215.27		170.13	45.14	211.55	215.37	215.33	215.80	0.006834	2.47	3.23	87.06	136.54	0.90	0.71
staggia	tratto2	10	Max WS	SC 500 5h	191.89		157.15	34.75	211.55	215.28	215.24	215.70	0.006485	2.38	3.10	80.50	135.48	0.91	0.69
staggia	tratto2	9	Max WS	SC 500 2h	247.09		130.59	116.50	211.25	215.25	215.07	215.59	0.006353	2.32	3.06	106.49	145.70	0.71	0.68
staggia	tratto2	9	Max WS	SC 500 3h	239.82		127.66	112.15	211.25	215.24	215.06	215.56	0.006196	2.28	3.02	105.18	143.57	0.71	0.67
staggia	tratto2	9	Max WS	SC 500 4h	223.09		120.95	102.14	211.25	215.20	215.01	215.50	0.005850	2.19	2.91	101.95	134.93	0.69	0.65
staggia	tratto2	9	Max WS	SC 500 5h	198.55		110.54	88.01	211.25	215.14	214.93	215.41	0.005243	2.04	2.74	97.49	125.65	0.66	0.62
staggia	tratto2	8	Max WS	SC 500 2h	246.90		105.11	141.79	211.19	215.16	215.05	215.36	0.005369	1.71	2.57	144.72	208.08	0.66	0.62
staggia	tratto2	8	Max WS	SC 500 3h	239.71		104.00	135.71	211.19	215.15	215.04	215.34	0.005345	1.69	2.57	141.68	206.93	0.66	0.61
staggia	tratto2	8	Max WS	SC 500 4h	223.01		102.03	120.99	211.19	215.09	215.01	215.30	0.005382	1.67	2.60	133.50	203.86	0.69	0.62
staggia	tratto2	8	Max WS	SC 500 5h	198.52		98.30	100.22	211.19	215.02	214.96	215.23	0.005301	1.62	2.60	122.17	199.59	0.72	0.61
staggia	tratto2	7	Max WS	SC 500 2h	246.38	46.08	127.22	73.08	210.78	214.92	214.74	215.08	0.002329	1.20	2.30	205.95	259.69	0.63	0.44
staggia	tratto2	7	Max WS	SC 500 3h	239.35	43.42	126.39	69.55	210.78	214.90	214.73	215.06	0.002365	1.20	2.31	199.86	258.96	0.64	0.44
staggia	tratto2	7	Max WS	SC 500 4h	222.87	37.50	124.05	61.32	210.78	214.84	214.71	215.01	0.002436	1.20	2.31	185.81	256.31	0.67	0.45
staggia	tratto2	7	Max WS	SC 500 5h	198.45	29.92	118.12	50.40	210.78	214.78	214.42	214.94	0.002401	1.18	2.26	168.88	253.08	0.70	0.44
staggia	tratto2	6	Max WS	SC 500 2h	246.27	33.66	120.92	91.69	210.63	214.72	214.30	214.88	0.002712	1.26	2.40	195.43	245.96	0.64	0.47
staggia	tratto2	6	Max WS	SC 500 3h	239.27	31.32	120.88	87.07	210.63	214.69	214.30	214.86	0.002810	1.27	2.42	188.38	245.67	0.67	0.48
staggia	tratto2	6	Max WS	SC 500 4h	222.83	25.65	121.47	75.71	210.63	214.62	214.30	214.81	0.003116	1.31	2.50	170.45	244.64	0.74	0.50
staggia	tratto2	6	Max WS	SC 500 5h	198.41	17.85	122.01	58.55	210.63	214.51	214.20	214.73	0.003636	1.38	2.63	143.92	241.04	0.87	0.54
staggia	tratto2	5	Max WS	SC 500 2h	250.28	38.03	127.64	84.60	210.19	214.40	214.00	214.56	0.002241	1.43	2.28	174.87	143.93	0.52	0.43
staggia	tratto2	5	Max WS	SC 500 3h	243.82	36.15	126.57	81.10	210.19	214.37	213.97	214.53	0.002299	1.44	2.29	169.79	142.99	0.53	0.44
staggia	tratto2	5	Max WS	SC 500 4h	227.25	31.40	123.74	72.10	210.19	214.27	213.92	214.45	0.002458	1.45	2.31	156.83	140.57	0.56	0.45
staggia	tratto2	5	Max WS	SC 500 5h	202.55	24.65	119.13	58.77	210.19	214.14	213.77	214.32	0.002710	1.47	2.34	137.92	136.97	0.61	0.47
staggia	tratto2	4	Max WS	SC 500 2h	250.14	10.65	82.21	157.28	210.00	214.19	213.35	214.28	0.001316	1.20	1.69	209.09	132.23	0.33	0.33
staggia	tratto2	4	Max WS	SC 500 3h	243.62	10.04	81.08	152.49	210.00	214.15	213.32	214.24	0.001345	1.20	1.69	203.75	131.16	0.33	0.33
staggia	tratto2	4	Max WS	SC 500 4h	227.13	8.31	78.33	140.49	210.00	214.05	213.29	214.14	0.001434	1.19	1.70	190.13	129.45	0.35	0.34
staggia	tratto2	4	Max WS	SC 500 5h	202.44	6.24	73.96	122.24	210.00	213.89	213.22	213.98	0.001577	1.19	1.71	170.12	125.75	0.36	0.35
staggia	tratto2	3	Max WS	SC 500 2h	250.07	1.64	191.89	56.54	208.39	213.07	212.81	213.68	0.006021	3.06	3.80	81.81	45.04	0.82	0.70
staggia	tratto2	3	Max WS	SC 500 3h	243.56	1.53	188.10	53.93	208.39	213.03	212.78	213.63	0.006033	3.04	3.77	80.14	44.74	0.82	0.70
staggia	tratto2	3	Max WS	SC 500 4h	227.09	1.26	178.34	47.50	208.39	212.94	212.67	213.52	0.006044	2.99	3.70	75.96	43.99	0.82	0.70
staggia	tratto2	3	Max WS	SC 500 5h	202.41	0.90	163.21	38.30	208.39	212.80	212.53	213.34	0.006010	2.90	3.56	69.75	42.85	0.82	0.69

HEC-RAS    Profile: Max WS

River	Reach	River Sta		Profile	Plan	Q Total	Q Culv Group	Q Weir	Culv Inv El Up	Min El Weir Flow	W.S. US.	E.G. US.	E.G. IC	E.G. OC	Q Culv Group	Culv Vel US
						(m3/s)	(m3/s)	(m3/s)	(m)	(m)	(m)	(m)	(m)	(m)	(m3/s)	(m/s)
staggia	tratto1	83	Culvert #1	Max WS	SC 500 2h	67.97	65.66	2.31	231.10	236.05	236.26	236.47	236.47	235.86	65.66	5.10
staggia	tratto1	83	Culvert #1	Max WS	SC 500 3h	73.25	68.47	4.78	231.10	236.05	236.51	236.73	236.73	236.03	68.47	5.32
staggia	tratto1	83	Culvert #1	Max WS	SC 500 4h	75.40	69.53	5.87	231.10	236.05	236.61	236.83	236.83	236.10	69.53	5.40
staggia	tratto1	83	Culvert #1	Max WS	SC 500 5h	71.28	67.46	3.81	231.10	236.05	236.42	236.63	236.63	235.97	67.46	5.24



River	Reach	River Sta	Profile	Plan	Q US	Q Leaving Total	Q DS	Q Weir	Wr Top Width	Weir Max Depth	Weir Avg Depth	Min El Weir Flow	E.G. US.	W.S. US.	E.G. DS	W.S. DS
					(m3/s)	(m3/s)	(m3/s)	(m3/s)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)
staggia	tratto1	71.49	Max WS	SC 500 2h	67.96	1.09	66.87	1.09	14.81	0.31	0.15	231.90	233.16	232.97	232.74	232.21
staggia	tratto1	71.49	Max WS	SC 500 3h	68.54	1.44	72.14	1.44	23.12	0.34	0.13	231.90	233.17	232.98	232.85	232.24
staggia	tratto1	71.49	Max WS	SC 500 4h	68.55	1.62	74.12	1.62	28.13	0.35	0.12	231.90	233.17	232.98	232.89	232.25
staggia	tratto1	71.49	Max WS	SC 500 5h	68.43	1.30	70.25	1.30	18.37	0.33	0.14	231.90	233.17	232.98	232.81	232.23
staggia	tratto1	65.9	Max WS	SC 500 2h	66.87	0.00	66.88	0.00				231.22	231.74	230.41	230.84	230.74
staggia	tratto1	65.9	Max WS	SC 500 3h	72.15	0.00	72.15	0.00				231.22	231.93	230.52	230.97	230.86
staggia	tratto1	65.9	Max WS	SC 500 4h	74.13	0.00	74.12	0.00				231.22	232.00	230.55	231.00	230.90
staggia	tratto1	65.9	Max WS	SC 500 5h	70.25	0.00	70.25	0.00				231.22	231.86	230.49	230.93	230.83
staggia	tratto1	60.9	Max WS	SC 500 2h	13.35	-1.08	42.56	-1.08	42.08	0.12	0.08	230.83	228.91	228.84	228.20	228.09
staggia	tratto1	60.9	Max WS	SC 500 3h	13.38	-1.12	42.55	-1.12	42.53	0.12	0.08	230.83	228.95	228.89	228.20	228.09
staggia	tratto1	60.9	Max WS	SC 500 4h	15.01	-1.28	42.60	-1.28	44.50	0.13	0.08	230.83	228.98	228.91	228.20	228.09
staggia	tratto1	60.9	Max WS	SC 500 5h	14.11	-1.13	42.56	-1.13	42.67	0.13	0.08	230.83	228.94	228.87	228.20	228.09
staggia	tratto1	56.9	Max WS	SC 500 2h	42.56	0.00	117.03	0.00				231.11	228.20	228.09	227.82	226.26
staggia	tratto1	56.9	Max WS	SC 500 3h	42.55	0.00	115.59	0.00				231.11	228.20	228.09	227.79	226.26
staggia	tratto1	56.9	Max WS	SC 500 4h	42.60	0.00	114.64	0.00				231.11	228.20	228.09	227.77	226.25
staggia	tratto1	56.9	Max WS	SC 500 5h	42.56	0.00	106.65	0.00				231.11	228.20	228.09	227.57	226.24
staggia	tratto1	44.5	Max WS	SC 500 2h	117.65	2.46	114.82	2.46	69.01	0.19	0.09	223.43	224.45	223.94	223.49	223.26
staggia	tratto1	44.5	Max WS	SC 500 3h	121.40	4.80	116.36	4.80	90.05	0.25	0.12	223.43	224.49	223.98	223.56	223.34
staggia	tratto1	44.5	Max WS	SC 500 4h	119.47	3.62	115.68	3.62	80.41	0.22	0.11	223.43	224.47	223.96	223.53	223.30
staggia	tratto1	44.5	Max WS	SC 500 5h	111.22	0.46	110.71	0.46	35.04	0.10	0.05	223.43	224.35	223.86	223.37	223.14
staggia	tratto1	41.9	Max WS	SC 500 2h	114.82	0.00	114.81	0.00				223.73	223.49	223.26	223.40	223.24
staggia	tratto1	41.9	Max WS	SC 500 3h	116.36	0.00	116.36	0.00				223.73	223.56	223.34	223.48	223.33
staggia	tratto1	41.9	Max WS	SC 500 4h	115.68	0.00	115.67	0.00				223.73	223.53	223.30	223.45	223.29
staggia	tratto1	41.9	Max WS	SC 500 5h	110.71	0.00	110.70	0.00				223.73	223.37	223.14	223.29	223.12
staggia	tratto1	37.5	Max WS	SC 500 2h	114.70	0.00	113.44	0.00				222.00	223.14	222.98	222.34	221.40
staggia	tratto1	37.5	Max WS	SC 500 3h	116.31	0.00	114.77	0.00				222.00	223.16	223.00	222.36	221.41
staggia	tratto1	37.5	Max WS	SC 500 4h	115.64	0.00	114.54	0.00				222.00	223.15	222.99	222.35	221.41
staggia	tratto1	37.5	Max WS	SC 500 5h	110.67	0.00	110.33	0.00				222.00	223.06	222.91	222.28	221.37
staggia	tratto1	34.85	Max WS	SC 500 2h	113.44	0.17	114.32	0.17	50.23	0.48	0.10	221.00	222.34	221.40	221.69	221.51
staggia	tratto1	34.85	Max WS	SC 500 3h	114.77	0.34	115.77	0.34	50.46	0.49	0.11	221.00	222.36	221.41	221.71	221.52
staggia	tratto1	34.85	Max WS	SC 500 4h	114.54	0.19	115.29	0.19	50.40	0.49	0.11	221.00	222.35	221.41	221.70	221.52
staggia	tratto1	34.85	Max WS	SC 500 5h	110.33	0.07	110.50	0.07	46.83	0.41	0.06	221.00	222.28	221.37	221.64	221.46
staggia	tratto1	17.99	Max WS	SC 500 2h	114.00	-39.57	149.06	-39.57	72.80	1.11	0.65	216.85	218.29	218.16	217.91	217.64
staggia	tratto1	17.99	Max WS	SC 500 3h	115.14	-35.84	151.00	-35.84	72.80	1.08	0.62	216.85	218.27	218.13	217.92	217.64
staggia	tratto1	17.99	Max WS	SC 500 4h	114.91	-29.49	145.07	-29.49	72.80	1.02	0.56	216.85	218.22	218.08	217.87	217.59
staggia	tratto1	17.99	Max WS	SC 500 5h	110.13	-20.83	131.06	-20.83	72.61	0.91	0.45	216.85	218.12	217.96	217.78	217.51
staggia	tratto1	16.50	Max WS	SC 500 2h	145.15	3.06	202.08	3.06	40.00	0.39	0.29	216.95	217.57	217.34	217.33	217.14
staggia	tratto1	16.50	Max WS	SC 500 3h	149.56	2.07	195.50	2.07	40.00	0.35	0.26	216.95	217.56	217.30	217.30	217.11
staggia	tratto1	16.50	Max WS	SC 500 4h	144.35	1.22	183.00	1.22	40.00	0.29	0.19	216.95	217.50	217.24	217.24	217.05
staggia	tratto1	16.50	Max WS	SC 500 5h	130.62	1.12	163.35	1.12	37.14	0.18	0.09	216.95	217.40	217.13	217.13	216.94
staggia	tratto2	12.9	Max WS	SC 500 2h	237.45	3.43	233.79	3.43	54.41	0.80	0.09	214.95	216.46	216.34	216.17	215.75

River	Reach	River Sta	Profile	Plan	Q US	Q Leaving Total	Q DS	Q Weir	Wr Top Width	Weir Max Depth	Weir Avg Depth	Min EI Weir Flow	E.G. US.	W.S. US.	E.G. DS	W.S. DS
					(m3/s)	(m3/s)	(m3/s)	(m3/s)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)
staggia	tratto2	12.9	Max WS	SC 500 3h	230.10	3.00	226.93	3.00	18.60	0.77	0.21	214.95	216.43	216.31	216.14	215.72
staggia	tratto2	12.9	Max WS	SC 500 4h	214.91	2.43	212.26	2.43	9.29	0.71	0.35	214.95	216.37	216.25	216.07	215.66
staggia	tratto2	12.9	Max WS	SC 500 5h	192.05	1.68	190.23	1.68	8.07	0.61	0.30	214.95	216.28	216.16	215.96	215.56
staggia	tratto2	11.9	Max WS	SC 500 2h	233.79	-3.39	237.28	-3.39	48.50	0.93	0.44	214.82	216.17	215.75	215.90	215.48
staggia	tratto2	11.9	Max WS	SC 500 3h	226.93	-3.02	231.04	-3.02	48.50	0.90	0.41	214.82	216.14	215.72	215.88	215.45
staggia	tratto2	11.9	Max WS	SC 500 4h	212.26	-0.09	215.27	-0.09	48.50	0.83	0.34	214.82	216.07	215.66	215.81	215.39
staggia	tratto2	11.9	Max WS	SC 500 5h	190.23	-1.23	191.89	-1.23	48.50	0.73	0.25	214.82	215.96	215.56	215.70	215.31
ruota	tratto1	488.91	Max WS	SC 500 2h	68.65	28.05	27.99	28.05	145.80	0.49	0.29	225.33	227.93	226.46	225.67	225.38
ruota	tratto1	488.91	Max WS	SC 500 3h	61.20	23.88	25.65	23.88	119.50	0.45	0.31	225.33	227.65	226.44	225.59	225.33
ruota	tratto1	488.91	Max WS	SC 500 4h	53.32	20.05	23.21	20.05	111.17	0.41	0.29	225.33	227.38	226.42	225.51	225.28
ruota	tratto1	488.91	Max WS	SC 500 5h	44.36	15.94	20.36	15.94	102.59	0.37	0.26	225.33	227.11	226.37	225.41	225.23
ruota	tratto1	488.9	Max WS	SC 500 2h	68.65	13.14	28.12	13.14	123.00	0.38	0.24	225.67	227.93	226.46	225.85	225.53
ruota	tratto1	488.9	Max WS	SC 500 3h	61.20	11.59	25.65	11.59	123.00	0.36	0.21	225.67	227.65	226.44	225.76	225.47
ruota	tratto1	488.9	Max WS	SC 500 4h	53.32	10.02	23.21	10.02	123.00	0.34	0.18	225.67	227.38	226.42	225.67	225.41
ruota	tratto1	488.9	Max WS	SC 500 5h	44.36	8.02	20.37	8.02	108.62	0.29	0.15	225.67	227.11	226.37	225.56	225.33
ruota	tratto1	479	Max WS	SC 500 2h	28.12	13.94	27.10	13.94	43.01	0.71	0.42	224.67	225.85	225.53	225.40	225.30
ruota	tratto1	479	Max WS	SC 500 3h	25.65	11.74	25.68	11.74	42.29	0.66	0.38	224.67	225.76	225.47	225.34	225.24
ruota	tratto1	479	Max WS	SC 500 4h	23.21	9.58	24.19	9.58	41.55	0.60	0.33	224.67	225.67	225.41	225.28	225.19
ruota	tratto1	479	Max WS	SC 500 5h	20.37	7.19	22.35	7.19	39.61	0.53	0.28	224.67	225.56	225.33	225.21	225.13
ruota	tratto1	465	Max WS	SC 500 2h	27.99	-13.01	27.10	-13.01	53.13	0.60	0.38	224.78	225.67	225.38	225.40	225.30
ruota	tratto1	465	Max WS	SC 500 3h	25.65	-11.57	25.68	-11.57	52.78	0.55	0.34	224.78	225.59	225.33	225.34	225.24
ruota	tratto1	465	Max WS	SC 500 4h	23.21	-10.40	24.19	-10.40	50.35	0.50	0.30	224.78	225.51	225.28	225.28	225.19
ruota	tratto1	465	Max WS	SC 500 5h	20.36	-9.15	22.35	-9.15	47.42	0.44	0.25	224.78	225.41	225.23	225.21	225.13
ruota	tratto1	429	Max WS	SC 500 2h	27.10	0.11	41.78	0.11	12.89	0.07	0.04	223.29	224.32	223.95	223.43	223.36
ruota	tratto1	429	Max WS	SC 500 3h	25.68	0.02	35.30	0.02	6.44	0.04	0.02	223.29	224.27	223.91	223.39	223.33
ruota	tratto1	429	Max WS	SC 500 4h	24.19	0.00	33.62	0.00	1.65	0.01	0.00	223.29	224.20	223.86	223.36	223.30
ruota	tratto1	429	Max WS	SC 500 5h	22.35	0.00	29.09	0.00				223.29	224.11	223.76	223.28	223.21
ruota	tratto1	428.4	Max WS	SC 500 2h	27.10	-14.82	41.91	-14.82	63.50	0.55	0.34	224.83	223.98	223.96	223.89	223.80
ruota	tratto1	428.4	Max WS	SC 500 3h	25.68	-12.04	37.73	-12.04	63.50	0.50	0.29	224.83	223.94	223.92	223.86	223.77
ruota	tratto1	428.4	Max WS	SC 500 4h	24.19	-9.43	33.63	-9.43	59.31	0.45	0.26	224.83	223.89	223.87	223.81	223.72
ruota	tratto1	428.4	Max WS	SC 500 5h	22.34	-6.74	29.09	-6.74	52.49	0.39	0.22	224.83	223.80	223.77	223.75	223.64
ruota	tratto1	385	Max WS	SC 500 2h	41.78	0.77	41.00	0.77	28.31	0.21	0.07	222.62	223.43	223.36	222.99	222.83
ruota	tratto1	385	Max WS	SC 500 3h	35.30	0.51	37.22	0.51	15.68	0.18	0.08	222.62	223.39	223.33	222.94	222.80
ruota	tratto1	385	Max WS	SC 500 4h	33.62	0.37	33.25	0.37	9.36	0.15	0.10	222.62	223.36	223.30	222.89	222.77
ruota	tratto1	385	Max WS	SC 500 5h	29.09	0.19	28.90	0.19	8.03	0.10	0.07	222.62	223.28	223.21	222.82	222.72
ruota	tratto1	355	Max WS	SC 500 2h	41.00	12.46	28.53	12.46	162.62	0.26	0.18	221.90	222.99	222.83	222.01	221.79
ruota	tratto1	355	Max WS	SC 500 3h	37.22	10.23	26.98	10.23	157.20	0.22	0.16	221.90	222.94	222.80	221.98	221.74
ruota	tratto1	355	Max WS	SC 500 4h	33.25	7.94	25.31	7.94	146.07	0.20	0.14	221.90	222.89	222.77	221.93	221.70
ruota	tratto1	355	Max WS	SC 500 5h	28.90	5.38	23.52	5.38	133.62	0.16	0.11	221.90	222.82	222.72	221.89	221.65
ruota	tratto1	325	Max WS	SC 500 2h	27.27	0.00	28.52	0.00				221.70	222.01	221.79	221.51	221.22
ruota	tratto1	325	Max WS	SC 500 3h	26.05	0.00	26.97	0.00				221.70	221.98	221.74	221.47	221.17

River	Reach	River Sta	Profile	Plan	Q US	Q Leaving Total	Q DS	Q Weir	Wr Top Width	Weir Max Depth	Weir Avg Depth	Min El Weir Flow	E.G. US.	W.S. US.	E.G. DS	W.S. DS
					(m3/s)	(m3/s)	(m3/s)	(m3/s)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)
ruota	tratto1	325	Max WS	SC 500 4h	24.67	0.00	25.30	0.00				221.70	221.93	221.70	221.42	221.14
ruota	tratto1	325	Max WS	SC 500 5h	23.18	0.00	23.51	0.00				221.70	221.89	221.65	221.37	221.10
ruota	tratto1	305	Max WS	SC 500 2h	28.53	0.00	29.04	0.00				221.19	221.51	221.22	219.95	219.21
ruota	tratto1	305	Max WS	SC 500 3h	26.98	0.00	29.04	0.00				221.19	221.47	221.17	219.95	219.21
ruota	tratto1	305	Max WS	SC 500 4h	25.31	0.00	29.04	0.00				221.19	221.42	221.14	219.95	219.21
ruota	tratto1	305	Max WS	SC 500 5h	23.52	0.00	29.04	0.00				221.19	221.37	221.10	219.95	219.21
ruota	tratto1	245	Max WS	SC 500 2h	29.04	-1.61	37.60	-1.61	43.55	0.18	0.10	219.80	219.95	219.21	218.60	218.48
ruota	tratto1	245	Max WS	SC 500 3h	29.04	-1.09	34.70	-1.09	37.64	0.15	0.08	219.80	219.95	219.21	218.57	218.44
ruota	tratto1	245	Max WS	SC 500 4h	29.04	-0.54	31.70	-0.54	29.23	0.11	0.06	219.80	219.95	219.21	218.54	218.40
ruota	tratto1	245	Max WS	SC 500 5h	29.04	-0.04	28.46	-0.04	11.53	0.04	0.02	219.80	219.95	219.21	218.50	218.35
ruota	tratto1	195	Max WS	SC 500 2h	36.55	-0.44	38.01	-0.44	33.47	0.08	0.05	219.60	218.60	218.48	218.34	218.25
ruota	tratto1	195	Max WS	SC 500 3h	33.95	-0.06	34.74	-0.06	18.98	0.04	0.02	219.60	218.57	218.44	218.30	218.20
ruota	tratto1	195	Max WS	SC 500 4h	31.26	0.00	31.70	0.00				219.60	218.54	218.40	218.25	218.17
ruota	tratto1	195	Max WS	SC 500 5h	28.43	0.00	28.46	0.00				219.60	218.50	218.35	218.19	218.10
ruota	tratto1	165	Max WS	SC 500 2h	38.01	0.00	37.84	0.00				219.30	218.34	218.25	217.99	217.96
ruota	tratto1	165	Max WS	SC 500 3h	34.74	0.00	34.67	0.00				219.30	218.30	218.20	217.94	217.91
ruota	tratto1	165	Max WS	SC 500 4h	31.70	0.00	31.67	0.00				219.30	218.25	218.17	217.89	217.86
ruota	tratto1	165	Max WS	SC 500 5h	28.46	0.00	28.46	0.00				219.30	218.19	218.10	217.74	217.69
ruota	tratto1	125	Max WS	SC 500 2h	37.84	0.00	37.83	0.00				218.35	217.99	217.96	217.95	217.93
ruota	tratto1	125	Max WS	SC 500 3h	34.67	0.00	34.65	0.00				218.35	217.94	217.91	217.89	217.88
ruota	tratto1	125	Max WS	SC 500 4h	31.67	0.00	31.66	0.00				218.35	217.89	217.86	217.84	217.83
ruota	tratto1	125	Max WS	SC 500 5h	28.46	0.00	28.44	0.00				218.35	217.74	217.69	217.66	217.65

HEC-RAS Profile: Max WS

Storage Area	Profile	Plan	W.S. Elev	SA Min EI	Inflow	Outflow	Net Flux	SA Area	SA Volume
			(m)	(m)	(m3/s)	(m3/s)	(m3/s)	(1000 m2)	(1000 m3)
A1	Max WS	SC 500 2h	223.99	223.25	21.10	21.08	0.02	0.80	0.30
A1	Max WS	SC 500 3h	223.94	223.25	18.11	18.09	0.02	0.80	0.26
A1	Max WS	SC 500 4h	223.89	223.25	15.13	15.13	0.01	0.80	0.22
A1	Max WS	SC 500 5h	223.82	223.25	11.75	11.74	0.01	0.80	0.17
A2	Max WS	SC 500 2h	222.92	220.80	21.19	21.21	-0.02	2.40	1.73
A2	Max WS	SC 500 3h	222.88	220.80	18.11	18.10	0.01	2.40	1.64
A2	Max WS	SC 500 4h	222.85	220.80	15.13	15.12	0.01	2.40	1.55
A2	Max WS	SC 500 5h	222.80	220.80	11.74	11.75	-0.01	2.40	1.44
A3	Max WS	SC 500 2h	222.40	221.60	21.97	21.95	0.03	2.65	0.82
A3	Max WS	SC 500 3h	222.37	221.60	18.61	18.56	0.06	2.65	0.73
A3	Max WS	SC 500 4h	222.33	221.60	15.49	15.47	0.01	2.65	0.63
A3	Max WS	SC 500 5h	222.28	221.60	11.94	11.93	0.01	2.65	0.50
A4	Max WS	SC 500 2h	222.08	221.25	27.51	27.48	0.03	9.78	1.24
A4	Max WS	SC 500 3h	222.06	221.25	22.60	22.62	-0.02	9.78	1.04
A4	Max WS	SC 500 4h	222.04	221.25	17.88	17.87	0.01	9.78	0.82
A4	Max WS	SC 500 5h	222.01	221.25	12.57	12.56	0.01	9.78	0.52
A5	Max WS	SC 500 2h	221.59	220.70	4.72	4.70	0.03	0.87	0.13
A5	Max WS	SC 500 3h	221.54	220.70	3.03	3.03	0.00	0.87	0.08
A5	Max WS	SC 500 4h	221.47	220.70	1.50	1.51	0.00	0.13	0.05
A5	Max WS	SC 500 5h	221.27	220.70	0.13	0.13	0.00	0.13	0.02
B1	Max WS	SC 500 2h	221.76	221.50	11.49	11.49	0.00	2.32	0.22
B1	Max WS	SC 500 3h	221.75	221.50	10.36	10.35	0.01	1.30	0.20
B1	Max WS	SC 500 4h	221.73	221.50	9.25	9.25	0.00	1.30	0.19
B1	Max WS	SC 500 5h	221.72	221.50	7.84	7.85	-0.01	1.30	0.17
B2	Max WS	SC 500 2h	221.69	221.25	4.42	4.39	0.03	3.56	0.79
B2	Max WS	SC 500 3h	221.71	221.25	5.12	4.90	0.22	3.56	0.88
B2	Max WS	SC 500 4h	221.66	221.25	4.14	3.91	0.23	3.56	0.70
B2	Max WS	SC 500 5h	221.51	221.25	1.81	1.75	0.05	3.56	0.18
B3	Max WS	SC 500 2h	221.42	220.25	42.25	42.04	0.21	10.20	6.81
B3	Max WS	SC 500 3h	221.37	220.25	38.21	37.29	0.92	10.20	6.29
B3	Max WS	SC 500 4h	221.30	220.25	31.15	30.84	0.31	10.20	5.53
B3	Max WS	SC 500 5h	221.17	220.25	21.09	21.04	0.06	10.20	4.20
B4	Max WS	SC 500 2h	220.23	219.50	42.31	42.27	0.04	4.17	1.21
B4	Max WS	SC 500 3h	220.20	219.50	37.42	37.37	0.05	4.17	1.10
B4	Max WS	SC 500 4h	220.16	219.50	30.86	30.88	-0.02	4.17	0.94
B4	Max WS	SC 500 5h	220.09	219.50	21.04	21.02	0.02	4.17	0.65
B5	Max WS	SC 500 2h	219.98	218.07	42.27	42.26	0.01	13.88	5.42
B5	Max WS	SC 500 3h	219.95	218.07	37.37	37.19	0.17	13.88	5.05
B5	Max WS	SC 500 4h	219.91	218.07	30.88	30.80	0.07	13.88	4.51
B5	Max WS	SC 500 5h	219.84	218.07	21.02	21.02	-0.01	13.88	3.47
B6	Max WS	SC 500 2h	219.68	218.70	40.65	40.70	-0.05	4.54	2.13
B6	Max WS	SC 500 3h	219.64	218.70	36.10	36.05	0.05	4.54	1.92
B6	Max WS	SC 500 4h	219.57	218.70	30.26	30.20	0.07	4.54	1.60
B6	Max WS	SC 500 5h	219.44	218.70	20.99	21.00	-0.01	2.56	1.14
B7	Max WS	SC 500 2h	218.32	217.50	40.27	40.28	-0.01	7.28	1.99
B7	Max WS	SC 500 3h	218.28	217.50	35.99	36.05	-0.06	7.28	1.70
B7	Max WS	SC 500 4h	218.22	217.50	30.20	30.13	0.06	4.10	1.37
B7	Max WS	SC 500 5h	218.11	217.50	21.00	20.99	0.01	4.10	0.96
B8	Max WS	SC 500 2h	217.96	217.11	40.28	39.57	0.70	3.29	1.01
B8	Max WS	SC 500 3h	217.93	217.11	36.05	35.84	0.21	3.29	0.91

## HEC-RAS Profile: Max WS (Continued)

Storage Area	Profile	Plan	W.S. Elev (m)	SA Min EI (m)	Inflow (m3/s)	Outflow (m3/s)	Net Flux (m3/s)	SA Area (1000 m2)	SA Volume (1000 m3)
B8	Max WS	SC 500 4h	217.87	217.11	30.13	29.49	0.64	2.67	0.73
B8	Max WS	SC 500 5h	217.76	217.11	20.99	20.83	0.16	2.67	0.44
C1	Max WS	SC 500 2h	225.84	225.35	13.14	13.08	0.05	3.76	0.49
C1	Max WS	SC 500 3h	225.81	225.35	11.59	11.59	0.01	3.76	0.38
C1	Max WS	SC 500 4h	225.78	225.35	10.02	10.01	0.01	3.76	0.25
C1	Max WS	SC 500 5h	225.73	225.35	8.02	8.02	0.00	0.50	0.14
C2	Max WS	SC 500 2h	225.11	224.25	6.30	6.29	0.01	1.79	0.22
C2	Max WS	SC 500 3h	225.09	224.25	5.44	5.44	0.00	1.79	0.19
C2	Max WS	SC 500 4h	225.07	224.25	4.55	4.55	0.00	1.79	0.15
C2	Max WS	SC 500 5h	225.04	224.25	3.47	3.46	0.01	1.79	0.10
C3	Max WS	SC 500 2h	224.52	223.85	6.29	6.29	0.00	0.25	0.07
C3	Max WS	SC 500 3h	224.49	223.85	5.44	5.44	0.00	0.16	0.06
C3	Max WS	SC 500 4h	224.45	223.85	4.55	4.56	-0.01	0.16	0.05
C3	Max WS	SC 500 5h	224.39	223.85	3.46	3.47	-0.01	0.16	0.04
C4	Max WS	SC 500 2h	223.33	222.88	5.91	5.89	0.02	0.82	0.15
C4	Max WS	SC 500 3h	223.31	222.88	5.22	5.21	0.01	0.82	0.13
C4	Max WS	SC 500 4h	223.29	222.88	4.46	4.44	0.02	0.82	0.11
C4	Max WS	SC 500 5h	223.25	222.88	3.46	3.44	0.01	0.82	0.09
C5	Max WS	SC 500 2h	223.32	222.30	2.92	2.95	-0.03	3.04	1.50
C5	Max WS	SC 500 3h	223.30	222.30	2.50	2.50	0.00	3.04	1.45
C5	Max WS	SC 500 4h	223.28	222.30	2.02	2.03	-0.01	3.04	1.39
C5	Max WS	SC 500 5h	223.25	222.30	1.40	1.41	-0.01	2.37	1.29
D1	Max WS	SC 500 2h	225.39	224.50	28.05	28.28	-0.23	8.20	2.97
D1	Max WS	SC 500 3h	225.34	224.50	23.88	24.00	-0.12	8.20	2.56
D1	Max WS	SC 500 4h	225.29	224.50	20.05	20.58	-0.53	8.20	2.14
D1	Max WS	SC 500 5h	225.22	224.50	15.94	15.95	-0.01	5.76	1.69
D2	Max WS	SC 500 2h	225.38	224.25	28.28	27.82	0.46	7.40	3.58
D2	Max WS	SC 500 3h	225.33	224.25	24.00	23.60	0.40	7.40	3.22
D2	Max WS	SC 500 4h	225.28	224.25	20.58	19.83	0.75	7.40	2.83
D2	Max WS	SC 500 5h	225.22	224.25	15.95	15.90	0.05	6.64	2.40
E1	Max WS	SC 500 2h	221.48	220.71	0.17	0.00	0.17	4.80	1.79
E1	Max WS	SC 500 3h	221.49	220.71	0.34	0.00	0.34	4.80	1.85
E1	Max WS	SC 500 4h	221.49	220.71	0.19	0.00	0.19	4.80	1.85
E1	Max WS	SC 500 5h	221.41	220.71	0.07	0.00	0.07	4.80	1.44
E2	Max WS	SC 500 2h	221.60	221.60	0.00	0.00	0.00	0.02	0.00
E2	Max WS	SC 500 3h	221.60	221.60	0.00	0.00	0.00	0.02	0.00
E2	Max WS	SC 500 4h	221.60	221.60	0.00	0.00	0.00	0.02	0.00
E2	Max WS	SC 500 5h	221.60	221.60	0.00	0.00	0.00	0.02	0.00
E3	Max WS	SC 500 2h	221.91	221.55	2.46	2.28	0.18	1.75	0.33
E3	Max WS	SC 500 3h	222.02	221.55	4.80	4.55	0.25	3.52	0.54
E3	Max WS	SC 500 4h	221.97	221.55	3.62	3.54	0.08	1.75	0.44
E3	Max WS	SC 500 5h	221.79	221.55	0.46	0.39	0.07	1.75	0.11
F	Max WS	SC 500 2h	215.75	214.25	5.56	3.39	2.17	13.34	9.24
F	Max WS	SC 500 3h	215.72	214.25	4.65	3.02	1.63	13.34	8.85
F	Max WS	SC 500 4h	215.65	214.25	3.14	0.09	3.05	13.34	7.98
F	Max WS	SC 500 5h	215.55	214.25	1.68	1.23	0.45	13.34	6.65
G1	Max WS	SC 500 2h	231.81	230.90	1.09	1.09	0.00	0.61	0.14
G1	Max WS	SC 500 3h	231.81	230.90	1.44	1.13	0.30	0.61	0.14
G1	Max WS	SC 500 4h	231.82	230.90	1.62	1.28	0.34	0.61	0.15
G1	Max WS	SC 500 5h	231.81	230.90	1.30	1.12	0.18	0.61	0.14



## HEC-RAS Profile: Max WS (Continued)

Storage Area	Profile	Plan	W.S. Elev	SA Min El	Inflow	Outflow	Net Flux	SA Area	SA Volume
			(m)	(m)	(m3/s)	(m3/s)	(m3/s)	(1000 m2)	(1000 m3)
G2	Max WS	SC 500 2h	230.95	229.75	1.09	1.08	0.00	0.40	0.17
G2	Max WS	SC 500 3h	230.95	229.75	1.13	1.12	0.01	0.40	0.17
G2	Max WS	SC 500 4h	230.96	229.75	1.28	1.28	0.00	0.40	0.18
G2	Max WS	SC 500 5h	230.96	229.75	1.12	1.13	0.00	0.40	0.17
G3	Max WS	SC 500 2h	230.50	230.25	0.00	0.00	0.00	0.01	0.00
G3	Max WS	SC 500 3h	230.50	230.25	0.00	0.00	0.00	0.01	0.00
G3	Max WS	SC 500 4h	230.50	230.25	0.00	0.00	0.00	0.01	0.00
G3	Max WS	SC 500 5h	230.50	230.25	0.00	0.00	0.00	0.01	0.00
H1	Max WS	SC 500 2h	217.23	216.60	3.06	2.26	0.79	5.84	2.00
H1	Max WS	SC 500 3h	217.21	216.60	2.07	1.73	0.34	5.84	1.83
H1	Max WS	SC 500 4h	217.14	216.60	1.22	0.75	0.47	5.84	1.47
H1	Max WS	SC 500 5h	217.03	216.60	1.12	0.00	1.12	5.84	0.83
H2	Max WS	SC 500 2h	217.02	216.73	2.18	2.14	0.04	3.96	0.43
H2	Max WS	SC 500 3h	217.01	216.73	1.70	1.64	0.06	3.96	0.39
H2	Max WS	SC 500 4h	216.98	216.73	0.69	0.71	-0.02	2.18	0.31
H2	Max WS	SC 500 5h	216.74	216.73	0.00	0.00	0.00	0.20	0.00
H3	Max WS	SC 500 2h	217.23	216.95	1.12	1.11	0.00	0.11	0.01
H3	Max WS	SC 500 3h	217.20	216.95	0.82	0.80	0.02	0.11	0.01
H3	Max WS	SC 500 4h	217.14	216.95	0.27	0.29	-0.02	0.02	0.00
H3	Max WS	SC 500 5h	216.96	216.95	0.00	0.00	0.00	0.02	0.00
H4	Max WS	SC 500 2h	217.02	216.75	1.11	1.03	0.08	5.67	0.50
H4	Max WS	SC 500 3h	217.01	216.75	0.80	0.78	0.02	5.67	0.43
H4	Max WS	SC 500 4h	216.98	216.75	0.29	0.21	0.08	2.43	0.33
H4	Max WS	SC 500 5h	216.78	216.75	0.00	0.00	0.00	0.06	0.00

Connection	Profile	Plan	Q Total	W.S. Elev	Min El Weir Flow	Weir Max Depth	Weir Avg Depth	Weir Flow Area	Wr Top Width
			(m3/s)	(m)	(m)	(m)	(m)	(m2)	(m)
A1-A2	Max WS	SC 500 2h	21.08	223.99	223.08	0.91	0.41	17.80	43.45
A1-A2	Max WS	SC 500 3h	18.09	223.94	223.08	0.86	0.39	15.77	40.07
A1-A2	Max WS	SC 500 4h	15.13	223.89	223.08	0.81	0.36	13.74	38.01
A1-A2	Max WS	SC 500 5h	11.74	223.82	223.08	0.74	0.33	11.29	34.05
A2-A3	Max WS	SC 500 2h	21.21	222.92	222.14	0.78	0.30	20.81	70.34
A2-A3	Max WS	SC 500 3h	18.10	222.88	222.14	0.74	0.27	18.34	68.26
A2-A3	Max WS	SC 500 4h	15.12	222.85	222.14	0.71	0.24	15.82	66.27
A2-A3	Max WS	SC 500 5h	11.75	222.80	222.14	0.66	0.21	12.74	61.31
A3-A4	Max WS	SC 500 2h	15.06	222.40	221.80	0.60	0.25	16.39	65.28
A3-A4	Max WS	SC 500 3h	12.37	222.37	221.80	0.57	0.24	14.12	58.92
A3-A4	Max WS	SC 500 4h	9.94	222.33	221.80	0.53	0.22	12.05	56.00
A3-A4	Max WS	SC 500 5h	7.20	222.28	221.80	0.48	0.18	9.35	52.90
A3-B1	Max WS	SC 500 2h	6.89	222.40	221.73	0.67	0.41	5.60	13.78
A3-B1	Max WS	SC 500 3h	6.18	222.37	221.73	0.64	0.40	5.12	12.87
A3-B1	Max WS	SC 500 4h	5.53	222.33	221.73	0.60	0.42	4.67	11.05
A3-B1	Max WS	SC 500 5h	4.74	222.28	221.73	0.55	0.41	4.15	10.24
A4-A5	Max WS	SC 500 2h	4.72	222.08	222.00	0.08	0.08	9.98	123.11
A4-A5	Max WS	SC 500 3h	3.03	222.06	222.00	0.06	0.06	7.43	123.11
A4-A5	Max WS	SC 500 4h	1.50	222.04	222.00	0.04	0.04	4.65	123.11
A4-A5	Max WS	SC 500 5h	0.13	222.01	222.00	0.01	0.01	0.90	123.11
A4-B3	Max WS	SC 500 2h	22.76	222.08	221.60	0.48	0.20	28.69	145.00
A4-B3	Max WS	SC 500 3h	19.59	222.06	221.60	0.46	0.18	25.68	145.00
A4-B3	Max WS	SC 500 4h	16.37	222.04	221.60	0.44	0.15	22.41	145.00
A4-B3	Max WS	SC 500 5h	12.43	222.01	221.60	0.41	0.12	17.99	145.00
A5-B3	Max WS	SC 500 2h	4.42	221.59	221.22	0.37	0.16	5.86	36.29
A5-B3	Max WS	SC 500 3h	2.91	221.54	221.22	0.32	0.13	4.11	32.86
A5-B3	Max WS	SC 500 4h	1.49	221.47	221.22	0.25	0.10	2.20	22.20
A5-B3	Max WS	SC 500 5h	0.13	221.27	221.22	0.05	0.05	0.33	6.00
A5-B4	Max WS	SC 500 2h	0.27	221.59	221.42	0.17	0.06	0.49	7.53
A5-B4	Max WS	SC 500 3h	0.12	221.54	221.42	0.12	0.07	0.26	3.67
A5-B4	Max WS	SC 500 4h	0.02	221.47	221.42	0.05	0.03	0.06	2.17
A5-B4	Max WS	SC 500 5h	0.00	221.27	221.42				
B1-A2	Max WS	SC 500 2h	0.00	222.92	223.16				
B1-A2	Max WS	SC 500 3h	0.00	222.88	223.16				
B1-A2	Max WS	SC 500 4h	0.00	222.85	223.16				
B1-A2	Max WS	SC 500 5h	0.00	222.80	223.16				
B1-B2	Max WS	SC 500 2h	1.64	221.76	221.50	0.26	0.13	2.54	20.19
B1-B2	Max WS	SC 500 3h	1.45	221.75	221.50	0.25	0.12	2.33	19.84
B1-B2	Max WS	SC 500 4h	1.30	221.73	221.50	0.23	0.11	2.11	19.47
B1-B2	Max WS	SC 500 5h	1.09	221.72	221.50	0.22	0.10	1.83	18.98
B1-B3	Max WS	SC 500 2h	9.85	221.76	221.50	0.26	0.16	14.63	92.00
B1-B3	Max WS	SC 500 3h	8.90	221.75	221.50	0.25	0.15	13.65	92.00
B1-B3	Max WS	SC 500 4h	7.95	221.73	221.50	0.23	0.14	12.64	92.00
B1-B3	Max WS	SC 500 5h	6.76	221.72	221.50	0.22	0.12	11.29	92.00
B2-B3	Max WS	SC 500 2h	4.39	221.69	221.20	0.49	0.28	4.64	16.45
B2-B3	Max WS	SC 500 3h	4.90	221.71	221.20	0.51	0.27	5.07	18.63
B2-B3	Max WS	SC 500 4h	3.91	221.66	221.20	0.46	0.27	4.23	15.77
B2-B3	Max WS	SC 500 5h	1.75	221.51	221.20	0.31	0.19	2.22	11.89
B3-B4	Max WS	SC 500 2h	42.04	221.42	220.54	0.88	0.57	31.66	55.64
B3-B4	Max WS	SC 500 3h	37.29	221.37	220.54	0.83	0.54	28.89	53.40
B3-B4	Max WS	SC 500 4h	30.84	221.30	220.54	0.76	0.49	25.01	50.55
B3-B4	Max WS	SC 500 5h	21.04	221.17	220.54	0.63	0.41	18.75	45.60
B4-B5	Max WS	SC 500 2h	42.27	220.23	219.32	0.91	0.29	42.39	147.24
B4-B5	Max WS	SC 500 3h	37.37	220.20	219.32	0.88	0.26	38.46	146.01
B4-B5	Max WS	SC 500 4h	30.88	220.16	219.32	0.84	0.23	32.88	143.98
B4-B5	Max WS	SC 500 5h	21.02	220.09	219.32	0.77	0.19	23.36	121.84
B5-B6	Max WS	SC 500 2h	40.65	219.98	219.16	0.82	0.32	40.17	124.49
B5-B6	Max WS	SC 500 3h	36.10	219.95	219.16	0.79	0.30	36.80	124.12
B5-B6	Max WS	SC 500 4h	30.26	219.91	219.16	0.75	0.27	32.04	119.83
B5-B6	Max WS	SC 500 5h	20.99	219.84	219.16	0.68	0.23	23.66	103.62
B6-B7	Max WS	SC 500 2h	40.27	219.68	218.39	1.29	0.48	29.80	61.65
B6-B7	Max WS	SC 500 3h	35.99	219.64	218.39	1.25	0.52	27.18	52.15
B6-B7	Max WS	SC 500 4h	30.20	219.57	218.39	1.18	0.51	23.72	46.86
B6-B7	Max WS	SC 500 5h	21.00	219.44	218.39	1.05	0.43	18.06	42.46
B7-B8	Max WS	SC 500 2h	40.28	218.32	217.10	1.22	0.56	32.07	57.40

Connection	Profile	Plan	Q Total	W.S. Elev	Min El Weir Flow	Weir Max Depth	Weir Avg Depth	Weir Flow Area	Wr Top Width
			(m3/s)	(m)	(m)	(m)	(m)	(m2)	(m)
B7-B8	Max WS	SC 500 3h	36.05	218.28	217.10	1.18	0.52	29.74	57.28
B7-B8	Max WS	SC 500 4h	30.13	218.22	217.10	1.12	0.46	26.33	57.09
B7-B8	Max WS	SC 500 5h	20.99	218.11	217.10	1.01	0.36	20.57	56.78
C1-A1	Max WS	SC 500 2h	6.78	225.84	225.28	0.56	0.45	5.91	13.23
C1-A1	Max WS	SC 500 3h	6.15	225.81	225.28	0.53	0.42	5.51	13.02
C1-A1	Max WS	SC 500 4h	5.45	225.78	225.28	0.50	0.40	5.06	12.79
C1-A1	Max WS	SC 500 5h	4.55	225.73	225.28	0.45	0.36	4.45	12.47
C1-C2	Max WS	SC 500 2h	6.30	225.84	225.28	0.56	0.26	6.78	26.27
C1-C2	Max WS	SC 500 3h	5.44	225.81	225.28	0.53	0.24	6.01	24.64
C1-C2	Max WS	SC 500 4h	4.55	225.78	225.28	0.50	0.23	5.18	22.78
C1-C2	Max WS	SC 500 5h	3.47	225.73	225.28	0.45	0.21	4.14	20.19
C2-C3	Max WS	SC 500 2h	6.29	225.11	224.83	0.28	0.17	8.72	51.98
C2-C3	Max WS	SC 500 3h	5.44	225.09	224.83	0.26	0.16	7.82	49.93
C2-C3	Max WS	SC 500 4h	4.55	225.07	224.83	0.24	0.14	6.84	47.61
C2-C3	Max WS	SC 500 5h	3.46	225.04	224.83	0.21	0.13	5.59	44.47
C3-A1	Max WS	SC 500 2h	0.38	224.52	224.34	0.18	0.09	0.75	8.07
C3-A1	Max WS	SC 500 3h	0.22	224.49	224.34	0.15	0.07	0.49	6.54
C3-A1	Max WS	SC 500 4h	0.10	224.45	224.34	0.11	0.05	0.26	4.75
C3-A1	Max WS	SC 500 5h	0.01	224.39	224.34	0.05	0.03	0.05	2.18
C3-C4	Max WS	SC 500 2h	5.91	224.52	223.83	0.69	0.40	5.30	13.34
C3-C4	Max WS	SC 500 3h	5.22	224.49	223.83	0.66	0.36	4.83	13.29
C3-C4	Max WS	SC 500 4h	4.46	224.45	223.83	0.62	0.32	4.29	13.24
C3-C4	Max WS	SC 500 5h	3.46	224.39	223.83	0.56	0.27	3.52	13.16
C4-A2	Max WS	SC 500 2h	0.00	223.33	223.60				
C4-A2	Max WS	SC 500 3h	0.00	223.31	223.60				
C4-A2	Max WS	SC 500 4h	0.00	223.29	223.60				
C4-A2	Max WS	SC 500 5h	0.00	223.25	223.60				
C4-B1	Max WS	SC 500 2h	2.97	223.33	222.80	0.53	0.23	3.11	13.44
C4-B1	Max WS	SC 500 3h	2.71	223.31	222.80	0.51	0.24	2.86	12.08
C4-B1	Max WS	SC 500 4h	2.42	223.29	222.80	0.49	0.25	2.60	10.48
C4-B1	Max WS	SC 500 5h	2.04	223.25	222.80	0.45	0.28	2.29	8.13
C4-C5	Max WS	SC 500 2h	2.92	223.33	222.95	0.38	0.24	4.63	19.00
C4-C5	Max WS	SC 500 3h	2.50	223.31	222.95	0.36	0.22	4.26	19.00
C4-C5	Max WS	SC 500 4h	2.02	223.29	222.95	0.34	0.20	3.83	19.00
C4-C5	Max WS	SC 500 5h	1.40	223.25	222.95	0.30	0.17	3.19	19.00
C5-B1	Max WS	SC 500 2h	1.62	223.32	222.80	0.52	0.26	1.81	7.00
C5-B1	Max WS	SC 500 3h	1.47	223.30	222.80	0.50	0.24	1.69	7.00
C5-B1	Max WS	SC 500 4h	1.30	223.28	222.80	0.48	0.22	1.55	7.00
C5-B1	Max WS	SC 500 5h	1.06	223.25	222.80	0.45	0.19	1.33	7.00
C5-B2	Max WS	SC 500 2h	1.33	223.32	223.20	0.12	0.12	2.34	20.23
C5-B2	Max WS	SC 500 3h	1.03	223.30	223.20	0.10	0.10	1.98	20.19
C5-B2	Max WS	SC 500 4h	0.73	223.28	223.20	0.08	0.08	1.57	20.15
C5-B2	Max WS	SC 500 5h	0.35	223.25	223.20	0.05	0.05	0.96	20.09
D1-D2	Max WS	SC 500 2h	28.28	225.39	224.45	0.94	0.44	63.41	143.01
D1-D2	Max WS	SC 500 3h	24.00	225.34	224.45	0.89	0.40	56.38	141.86
D1-D2	Max WS	SC 500 4h	20.58	225.29	224.45	0.83	0.35	49.10	140.56
D1-D2	Max WS	SC 500 5h	15.95	225.22	224.45	0.77	0.29	40.33	138.97
E3-B2	Max WS	SC 500 2h	1.46	221.91	221.68	0.23	0.21	1.90	9.00
E3-B2	Max WS	SC 500 3h	2.63	222.02	221.68	0.34	0.31	2.82	9.00
E3-B2	Max WS	SC 500 4h	2.12	221.97	221.68	0.29	0.27	2.44	9.00
E3-B2	Max WS	SC 500 5h	0.37	221.79	221.68	0.11	0.08	0.75	9.00
E3-B3	Max WS	SC 500 2h	0.82	221.91	221.76	0.15	0.13	1.35	10.00
E3-B3	Max WS	SC 500 3h	1.92	222.02	221.76	0.26	0.24	2.37	10.00
E3-B3	Max WS	SC 500 4h	1.43	221.97	221.76	0.21	0.19	1.95	10.00
E3-B3	Max WS	SC 500 5h	0.02	221.79	221.76	0.03	0.01	0.09	6.79
E3-E2	Max WS	SC 500 2h	0.00	221.91	223.50				
E3-E2	Max WS	SC 500 3h	0.00	222.02	223.50				
E3-E2	Max WS	SC 500 4h	0.00	221.97	223.50				
E3-E2	Max WS	SC 500 5h	0.00	221.79	223.50				
G1-G2	Max WS	SC 500 2h	1.09	231.81	231.60	0.21	0.14	1.68	12.01
G1-G2	Max WS	SC 500 3h	1.13	231.81	231.60	0.21	0.14	1.73	12.17
G1-G2	Max WS	SC 500 4h	1.28	231.82	231.60	0.22	0.15	1.90	12.68
G1-G2	Max WS	SC 500 5h	1.12	231.81	231.60	0.21	0.14	1.72	12.14
G2-G3	Max WS	SC 500 2h	0.00	230.95	230.98				
G2-G3	Max WS	SC 500 3h	0.00	230.95	230.98				

Connection	Profile	Plan	Q Total	W.S. Elev	Min El Weir Flow	Weir Max Depth	Weir Avg Depth	Weir Flow Area	Wr Top Wdth
			(m3/s)	(m)	(m)	(m)	(m)	(m2)	(m)
G2-G3	Max WS	SC 500 4h	0.00	230.96	230.98				
G2-G3	Max WS	SC 500 5h	0.00	230.96	230.98				
H1-H2	Max WS	SC 500 2h	1.15	217.23	217.03	0.20	0.20	1.53	7.50
H1-H2	Max WS	SC 500 3h	0.91	217.21	217.03	0.18	0.18	1.31	7.50
H1-H2	Max WS	SC 500 4h	0.48	217.14	217.03	0.11	0.11	0.85	7.50
H1-H2	Max WS	SC 500 5h	0.00	217.03	217.03	0.00	0.00	0.03	7.50
H1-H3	Max WS	SC 500 2h	1.12	217.23	217.04	0.19	0.16	2.37	14.48
H1-H3	Max WS	SC 500 3h	0.82	217.21	217.04	0.17	0.14	1.96	13.99
H1-H3	Max WS	SC 500 4h	0.27	217.14	217.04	0.10	0.09	1.13	12.95
H1-H3	Max WS	SC 500 5h	0.00	217.03	217.04				
H2-F	Max WS	SC 500 2h	2.14	217.02	216.88	0.14	0.06	4.93	87.60
H2-F	Max WS	SC 500 3h	1.64	217.01	216.88	0.13	0.05	4.02	87.60
H2-F	Max WS	SC 500 4h	0.71	216.98	216.88	0.10	0.02	1.70	84.07
H2-F	Max WS	SC 500 5h	0.00	216.74	216.88				
H3-H4	Max WS	SC 500 2h	1.11	217.23	217.05	0.18	0.12	1.82	15.01
H3-H4	Max WS	SC 500 3h	0.80	217.20	217.05	0.15	0.10	1.42	14.14
H3-H4	Max WS	SC 500 4h	0.29	217.14	217.05	0.09	0.06	0.67	11.31
H3-H4	Max WS	SC 500 5h	0.00	216.96	217.05				
H4-F	Max WS	SC 500 2h	0.00	217.02	217.05				
H4-F	Max WS	SC 500 3h	0.00	217.01	217.05				
H4-F	Max WS	SC 500 4h	0.00	216.98	217.05				
H4-F	Max WS	SC 500 5h	0.00	216.78	217.05				
H4-H2	Max WS	SC 500 2h	1.03	217.02	216.90	0.12	0.09	2.84	30.52
H4-H2	Max WS	SC 500 3h	0.78	217.01	216.90	0.11	0.08	2.49	29.89
H4-H2	Max WS	SC 500 4h	0.21	216.98	216.90	0.08	0.06	1.68	26.25
H4-H2	Max WS	SC 500 5h	0.00	216.78	216.90				

River	Reach	River Sta	Profile	Plan	Q Total (m3/s)	Q Left (m3/s)	Q Channel (m3/s)	Q Right (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Total (m/s)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # XS	Froude # Chl
ruota	tratto1	489	Max WS	SC 200 2h	53.35		53.35		224.65	226.42	226.67	227.38	0.034307	4.35	4.35	12.26	220.79	1.43	1.43
ruota	tratto1	489	Max WS	SC 200 3h	47.86		47.86		224.65	226.39	226.58	227.21	0.030195	4.01	4.01	11.94	220.73	1.33	1.33
ruota	tratto1	489	Max WS	SC 200 4h	42.07		42.07		224.65	226.36	226.50	227.04	0.026258	3.65	3.65	11.52	220.66	1.24	1.24
ruota	tratto1	489	Max WS	SC 200 5h	35.18		35.18		224.65	226.32	226.38	226.84	0.021794	3.21	3.21	10.94	220.56	1.12	1.12
ruota	tratto1	488.91			Lat Struct														
ruota	tratto1	488.9			Lat Struct														
ruota	tratto1	488	Max WS	SC 200 2h	35.14		35.14		224.50	225.99	226.07	226.52	0.025531	3.24	3.24	10.84	203.91	1.17	1.17
ruota	tratto1	488	Max WS	SC 200 3h	31.69		31.69		224.50	225.96	226.01	226.43	0.023068	3.02	3.02	10.50	203.43	1.11	1.11
ruota	tratto1	488	Max WS	SC 200 4h	28.16		28.16		224.50	225.94	225.96	226.33	0.020381	2.77	2.77	10.15	202.94	1.04	1.04
ruota	tratto1	488	Max WS	SC 200 5h	14.98		14.98		224.50	225.92	225.69	226.04	0.006145	1.50	1.50	9.96	202.67	0.57	0.57
ruota	tratto1	485	Max WS	SC 200 2h	24.03		24.03		224.22	225.78	225.67	226.04	0.012238	2.29	2.29	10.51	198.92	0.81	0.81
ruota	tratto1	485	Max WS	SC 200 3h	22.06		22.06		224.22	225.73	225.62	225.98	0.012537	2.23	2.23	9.91	192.87	0.81	0.81
ruota	tratto1	485	Max WS	SC 200 4h	20.04		20.04		224.22	225.68	225.57	225.92	0.012951	2.16	2.16	9.27	179.38	0.82	0.82
ruota	tratto1	485	Max WS	SC 200 5h	17.71		17.71		224.22	225.61	225.51	225.84	0.013303	2.11	2.11	8.40	170.44	0.82	0.82
ruota	tratto1	480	Max WS	SC 200 2h	23.09		23.09		223.63	225.40	225.03	225.66	0.007578	2.26	2.26	10.21	207.89	0.63	0.63
ruota	tratto1	480	Max WS	SC 200 3h	21.43		21.43		223.63	225.36	224.97	225.60	0.007184	2.17	2.17	9.87	206.53	0.62	0.62
ruota	tratto1	480	Max WS	SC 200 4h	19.62		19.62		223.63	225.31	224.92	225.53	0.006740	2.07	2.07	9.50	203.92	0.59	0.59
ruota	tratto1	480	Max WS	SC 200 5h	17.59		17.59		223.63	225.25	224.85	225.44	0.006289	1.95	1.95	9.02	184.51	0.57	0.57
ruota	tratto1	479			Lat Struct														
ruota	tratto1	470	Max WS	SC 200 2h	23.11		23.11		222.95	225.28	224.68	225.50	0.005466	2.08	2.08	11.10	169.01	0.54	0.54
ruota	tratto1	470	Max WS	SC 200 3h	21.43		21.43		222.95	225.25	224.61	225.45	0.004984	1.97	1.97	10.86	168.09	0.52	0.52
ruota	tratto1	470	Max WS	SC 200 4h	19.63		19.63		222.95	225.21	224.55	225.39	0.004480	1.85	1.85	10.59	167.02	0.49	0.49
ruota	tratto1	470	Max WS	SC 200 5h	17.59		17.59		222.95	225.16	224.47	225.31	0.003966	1.72	1.72	10.22	165.54	0.46	0.46
ruota	tratto1	465			Lat Struct														
ruota	tratto1	460	Max WS	SC 200 2h	22.73		22.73		222.53	225.28	224.42	225.43	0.003547	1.72	1.72	13.18	155.25	0.44	0.44
ruota	tratto1	460	Max WS	SC 200 3h	21.15		21.15		222.53	225.25	224.36	225.38	0.003311	1.64	1.64	12.88	154.72	0.42	0.42
ruota	tratto1	460	Max WS	SC 200 4h	19.49		19.49		222.53	225.21	224.29	225.33	0.003001	1.55	1.55	12.53	153.86	0.40	0.40
ruota	tratto1	460	Max WS	SC 200 5h	17.56		17.56		222.53	225.15	224.22	225.26	0.002653	1.45	1.45	12.10	152.74	0.38	0.38
ruota	tratto1	450	Max WS	SC 200 2h	23.09		23.09		222.37	225.27	223.97	225.31	0.000826	0.89	0.89	25.90	124.50	0.23	0.23
ruota	tratto1	450	Max WS	SC 200 3h	22.00		22.00		222.37	225.23	223.94	225.27	0.000821	0.87	0.87	25.21	123.10	0.23	0.23
ruota	tratto1	450	Max WS	SC 200 4h	20.88		20.88		222.37	225.18	223.90	225.22	0.000824	0.86	0.86	24.41	119.89	0.23	0.23
ruota	tratto1	450	Max WS	SC 200 5h	19.40		19.40		222.37	225.13	223.85	225.16	0.000817	0.83	0.83	23.41	115.93	0.23	0.23
ruota	tratto1	440	Max WS	SC 200 2h	24.13		24.13		222.59	225.15	223.91	225.26	0.002165	1.51	1.51	16.03	121.76	0.34	0.34
ruota	tratto1	440	Max WS	SC 200 3h	23.06		23.06		222.59	225.11	223.87	225.22	0.002068	1.46	1.46	15.76	120.01	0.33	0.33
ruota	tratto1	440	Max WS	SC 200 4h	21.86		21.86		222.59	225.08	223.83	225.18	0.001960	1.41	1.41	15.46	116.94	0.32	0.32
ruota	tratto1	440	Max WS	SC 200 5h	20.23		20.23		222.59	225.03	223.77	225.12	0.001787	1.34	1.34	15.11	110.22	0.30	0.30
ruota	tratto1	435 BR U	Max WS	SC 200 2h	24.13		24.14		222.59	225.15	223.87	225.26		0.00	2.20			0.47	0.47
ruota	tratto1	435 BR U	Max WS	SC 200 3h	23.06		23.06		222.59	225.11	223.84	225.22		0.00	2.16			0.45	0.45
ruota	tratto1	435 BR U	Max WS	SC 200 4h	21.86		21.86		222.59	225.08	223.80	225.18		0.00	2.12			0.43	0.43
ruota	tratto1	435 BR U	Max WS	SC 200 5h	20.23		20.23		222.59	224.80	223.75	225.12	0.009178	1.97	1.97	10.27		0.42	0.42
ruota	tratto1	435 BR D	Max WS	SC 200 2h	24.13		24.14		222.34	225.15	223.59	225.24		0.00	1.85			0.38	0.38
ruota	tratto1	435 BR D	Max WS	SC 200 3h	23.06		23.06		222.34	225.11	223.56	225.21		0.00	1.82			0.36	0.36
ruota	tratto1	435 BR D	Max WS	SC 200 4h	21.86		21.86		222.34	225.08	223.53	225.18		0.00	1.79			0.35	0.35
ruota	tratto1	435 BR D	Max WS	SC 200 5h	20.23		20.23		222.34	223.63	223.48	223.99	0.014826	2.76	2.76	7.32	6.01	0.78	0.78



River	Reach	River Sta	Profile	Plan	Q Total (m3/s)	Q Left (m3/s)	Q Channel (m3/s)	Q Right (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Total (m/s)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # XS	Froude # Chl
ruota	tratto1	430	Max WS	SC 200 2h	24.12		24.12		222.34	223.85	223.63	224.20	0.010606	2.60	2.60	9.27	89.79	0.76	0.76
ruota	tratto1	430	Max WS	SC 200 3h	23.06		23.06		222.34	223.80	223.59	224.15	0.011097	2.60	2.60	8.85	88.37	0.77	0.77
ruota	tratto1	430	Max WS	SC 200 4h	21.86		21.86		222.34	223.73	223.56	224.08	0.011811	2.62	2.62	8.34	84.59	0.79	0.79
ruota	tratto1	430	Max WS	SC 200 5h	20.23		20.23		222.34	223.63	223.50	223.99	0.013486	2.68	2.68	7.54	77.02	0.84	0.84
ruota	tratto1	429			Lat Struct														
ruota	tratto1	428.4			Lat Struct														
ruota	tratto1	420	Max WS	SC 200 2h	33.45	16.76	16.69		222.07	223.65	223.64	223.79	0.006771	1.45	2.01	23.13	81.51	0.86	0.61
ruota	tratto1	420	Max WS	SC 200 3h	30.79	13.93	16.86		222.07	223.61	223.63	223.76	0.007709	1.49	2.10	20.70	80.61	0.96	0.65
ruota	tratto1	420	Max WS	SC 200 4h	27.95	11.02	16.93		222.07	223.57	223.61	223.74	0.008704	1.54	2.20	18.18	78.40	1.07	0.69
ruota	tratto1	420	Max WS	SC 200 5h	24.58	7.45	17.14		222.07	223.49	223.50	223.72	0.011317	1.84	2.42	13.36	65.32	1.33	0.78
ruota	tratto1	410	Max WS	SC 200 2h	33.44	16.48	16.96		221.74	223.50	223.36	223.63	0.006100	1.41	1.97	23.71	62.87	0.83	0.57
ruota	tratto1	410	Max WS	SC 200 3h	30.79	15.77	15.02		221.74	223.45	223.33	223.57	0.005335	1.45	1.81	21.18	52.41	0.77	0.53
ruota	tratto1	410	Max WS	SC 200 4h	27.95	12.97	14.97		221.74	223.38	223.30	223.52	0.006359	1.54	1.93	18.13	38.91	0.77	0.58
ruota	tratto1	410	Max WS	SC 200 5h	24.58	9.70	14.88		221.74	223.29	223.25	223.45	0.007990	1.66	2.08	14.77	34.07	0.88	0.65
ruota	tratto1	400	Max WS	SC 200 2h	33.44	18.37	15.06		221.92	223.42	223.32	223.51	0.004249	1.21	1.65	27.63	69.15	0.67	0.49
ruota	tratto1	400	Max WS	SC 200 3h	30.78	15.96	14.82		221.92	223.38	223.30	223.47	0.004491	1.22	1.67	25.23	64.98	0.69	0.50
ruota	tratto1	400	Max WS	SC 200 4h	27.95	12.49	15.46		221.92	223.31	223.28	223.43	0.005832	1.34	1.86	20.89	59.21	0.82	0.57
ruota	tratto1	400	Max WS	SC 200 5h	24.58	8.45	16.13		221.92	223.22	223.14	223.39	0.008008	1.53	2.10	16.06	50.21	1.02	0.66
ruota	tratto1	390	Max WS	SC 200 2h	33.43	18.63	14.80		221.64	223.30	223.12	223.36	0.002378	1.03	1.35	32.60	71.27	0.49	0.37
ruota	tratto1	390	Max WS	SC 200 3h	30.78	15.96	14.82		221.64	223.25	223.11	223.31	0.002675	1.05	1.40	29.43	62.71	0.54	0.39
ruota	tratto1	390	Max WS	SC 200 4h	27.95	12.95	15.00		221.64	223.19	222.91	223.26	0.003145	1.08	1.48	25.79	61.22	0.60	0.42
ruota	tratto1	390	Max WS	SC 200 5h	24.58	9.57	15.01		221.64	223.12	222.89	223.21	0.003690	1.13	1.57	21.71	57.67	0.69	0.45
ruota	tratto1	385			Lat Struct														
ruota	tratto1	380	Max WS	SC 200 2h	33.43	6.36	27.07		220.80	222.91	222.92	223.19	0.008162	2.08	2.55	16.08	32.02	1.06	0.67
ruota	tratto1	380	Max WS	SC 200 3h	30.78	4.62	26.16		220.80	222.85	222.86	223.14	0.008524	2.13	2.56	14.42	26.71	1.04	0.68
ruota	tratto1	380	Max WS	SC 200 4h	27.94	3.07	24.88		220.80	222.79	222.79	223.08	0.008678	2.17	2.54	12.85	23.73	1.05	0.68
ruota	tratto1	380	Max WS	SC 200 5h	24.58	1.61	22.97		220.80	222.71	222.40	223.00	0.008617	2.20	2.48	11.15	20.00	1.03	0.68
ruota	tratto1	370	Max WS	SC 200 2h	33.43	4.34	29.09		220.81	222.70	222.62	223.01	0.008456	2.29	2.62	14.57	32.90	0.96	0.72
ruota	tratto1	370	Max WS	SC 200 3h	30.78	3.78	26.99		220.81	222.68	222.56	222.96	0.007575	2.17	2.46	14.20	32.11	0.90	0.68
ruota	tratto1	370	Max WS	SC 200 4h	27.94	3.10	24.84		220.81	222.65	222.49	222.90	0.006893	2.06	2.32	13.57	30.46	0.85	0.65
ruota	tratto1	370	Max WS	SC 200 5h	24.58	2.39	22.19		220.81	222.61	222.37	222.83	0.006033	1.92	2.13	12.82	27.64	0.79	0.60
ruota	tratto1	360	Max WS	SC 200 2h	33.06	0.98	32.08		220.50	222.77	222.24	222.89	0.003414	1.48	1.56	22.40	44.87	0.57	0.47
ruota	tratto1	360	Max WS	SC 200 3h	30.51	0.74	29.77		220.50	222.74	222.19	222.85	0.003174	1.41	1.48	21.64	43.84	0.54	0.45
ruota	tratto1	360	Max WS	SC 200 4h	27.81	0.48	27.33		220.50	222.71	222.13	222.80	0.003009	1.35	1.41	20.55	42.31	0.51	0.43
ruota	tratto1	360	Max WS	SC 200 5h	24.56	0.24	24.32		220.50	222.65	222.05	222.74	0.002814	1.28	1.31	19.17	40.24	0.48	0.41
ruota	tratto1	355			Lat Struct														
ruota	tratto1	350	Max WS	SC 200 2h	30.61	1.45	29.17		220.14	222.65	221.79	222.81	0.003104	1.58	1.77	19.42	39.17	0.70	0.44
ruota	tratto1	350	Max WS	SC 200 3h	28.60	1.02	27.58		220.14	222.63	221.73	222.77	0.002915	1.53	1.70	18.65	38.68	0.69	0.42
ruota	tratto1	350	Max WS	SC 200 4h	26.59	0.56	26.02		220.14	222.59	221.67	222.73	0.002786	1.51	1.64	17.59	38.00	0.68	0.41
ruota	tratto1	350	Max WS	SC 200 5h	24.08	0.25	23.83		220.14	222.55	221.58	222.67	0.002576	1.48	1.54	16.28	31.96	0.60	0.39
ruota	tratto1	340	Max WS	SC 200 2h	25.88	0.04	25.84		220.60	222.21	222.02	222.54	0.010018	2.50	2.53	10.35	26.47	0.90	0.76
ruota	tratto1	340	Max WS	SC 200 3h	24.65	0.02	24.63		220.60	222.20	221.99	222.50	0.009621	2.43	2.45	10.12	25.40	0.85	0.75
ruota	tratto1	340	Max WS	SC 200 4h	23.55	0.00	23.55		220.60	222.18	221.95	222.47	0.009339	2.38	2.38	9.90	24.26	0.79	0.73
ruota	tratto1	340	Max WS	SC 200 5h	19.44	0.00	19.44		220.60	222.17	221.79	222.37	0.006432	1.97	1.97	9.87	24.06	0.65	0.61

River	Reach	River Sta	Profile	Plan	Q Total (m3/s)	Q Left (m3/s)	Q Channel (m3/s)	Q Right (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Total (m/s)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # XS	Froude # Chl
ruota	tratto1	330	Max WS	SC 200 2h	24.60	6.93	17.66		220.20	222.07	222.00	222.18	0.003730	1.26	1.66	19.55	60.68	0.72	0.47
ruota	tratto1	330	Max WS	SC 200 3h	23.67	6.01	17.66		220.20	222.05	221.70	222.17	0.003943	1.28	1.70	18.45	60.19	0.76	0.48
ruota	tratto1	330	Max WS	SC 200 4h	22.83	5.21	17.61		220.20	222.03	221.67	222.15	0.004123	1.30	1.72	17.50	59.77	0.80	0.49
ruota	tratto1	330	Max WS	SC 200 5h	21.74	3.98	17.76		220.20	221.99	221.63	222.13	0.004566	1.37	1.78	15.91	59.05	0.88	0.52
ruota	tratto1	325			Lat Struct														
ruota	tratto1	320	Max WS	SC 200 2h	25.22	0.95	24.27		219.90	221.60	221.35	221.87	0.008269	2.16	2.33	11.70	33.09	0.96	0.70
ruota	tratto1	320	Max WS	SC 200 3h	24.12	0.66	23.46		219.90	221.57	221.31	221.84	0.008436	2.18	2.32	11.07	30.15	0.94	0.70
ruota	tratto1	320	Max WS	SC 200 4h	23.09	0.41	22.68		219.90	221.54	221.28	221.80	0.008590	2.20	2.31	10.50	27.95	0.93	0.70
ruota	tratto1	320	Max WS	SC 200 5h	21.80	0.09	21.71		219.90	221.47	221.24	221.75	0.009406	2.30	2.35	9.47	23.23	0.93	0.73
ruota	tratto1	310	Max WS	SC 200 2h	25.22		25.22		219.65	221.31	221.13	221.66	0.011456	2.60	2.60	9.71	9.07	0.80	0.80
ruota	tratto1	310	Max WS	SC 200 3h	24.12		24.12		219.65	221.29	221.10	221.62	0.011009	2.54	2.54	9.50	8.89	0.78	0.78
ruota	tratto1	310	Max WS	SC 200 4h	23.09		23.09		219.65	221.27	221.06	221.58	0.010635	2.49	2.49	9.28	8.73	0.77	0.77
ruota	tratto1	310	Max WS	SC 200 5h	21.80		21.80		219.65	221.22	221.03	221.53	0.010589	2.44	2.44	8.92	8.60	0.77	0.77
ruota	tratto1	305			Lat Struct														
ruota	tratto1	300	Max WS	SC 200 2h	25.20	3.06	22.14		218.94	220.93	220.66	221.13	0.005766	1.76	2.09	14.29	44.96	0.89	0.59
ruota	tratto1	300	Max WS	SC 200 3h	24.11	2.45	21.66		218.94	220.90	220.59	221.10	0.005942	1.80	2.10	13.42	43.00	0.90	0.59
ruota	tratto1	300	Max WS	SC 200 4h	23.04	2.25	20.79		218.94	220.89	220.52	221.08	0.005560	1.74	2.03	13.24	42.60	0.87	0.57
ruota	tratto1	300	Max WS	SC 200 5h	21.80	1.66	20.14		218.94	220.85	220.48	221.05	0.005703	1.77	2.02	12.31	40.29	0.87	0.58
ruota	tratto1	290	Max WS	SC 200 2h	24.70	2.86	21.84		218.89	220.59	220.48	220.83	0.007169	1.96	2.28	12.58	30.54	1.08	0.65
ruota	tratto1	290	Max WS	SC 200 3h	24.12	2.46	21.65		218.89	220.57	220.46	220.82	0.007461	2.02	2.31	11.92	25.09	1.02	0.66
ruota	tratto1	290	Max WS	SC 200 4h	23.09	1.82	21.27		218.89	220.52	220.42	220.78	0.008088	2.11	2.36	10.94	18.30	0.94	0.69
ruota	tratto1	290	Max WS	SC 200 5h	21.80	1.24	20.57		218.89	220.47	220.34	220.74	0.008612	2.17	2.38	10.05	16.72	0.96	0.70
ruota	tratto1	280	Max WS	SC 200 2h	25.12	1.14	23.99		218.35	220.33	219.92	220.56	0.006213	1.98	2.18	12.67	21.10	0.88	0.60
ruota	tratto1	280	Max WS	SC 200 3h	24.07	0.37	23.71		218.35	220.24	219.88	220.51	0.007344	2.18	2.30	11.06	18.19	0.93	0.65
ruota	tratto1	280	Max WS	SC 200 4h	23.07	0.01	23.06		218.35	220.16	219.85	220.45	0.008518	2.38	2.39	9.69	11.66	0.84	0.69
ruota	tratto1	280	Max WS	SC 200 5h	21.78		21.78		218.35	220.06	219.80	220.36	0.009630	2.46	2.46	8.85	7.67	0.73	0.73
ruota	tratto1	270	Max WS	SC 200 2h	16.66		16.66		218.11	219.31	219.66	219.99	0.036341	3.65	3.65	4.56	6.15	1.35	1.35
ruota	tratto1	270	Max WS	SC 200 3h	21.00		21.00		218.11	219.38	219.70	220.28	0.044386	4.20	4.20	5.00	6.34	1.51	1.51
ruota	tratto1	270	Max WS	SC 200 4h	21.00		21.00		218.11	219.38	219.70	220.28	0.044386	4.20	4.20	5.00	6.34	1.51	1.51
ruota	tratto1	270	Max WS	SC 200 5h	21.00		21.00		218.11	219.38	219.70	220.28	0.044386	4.20	4.20	5.00	6.34	1.51	1.51
ruota	tratto1	260	Max WS	SC 200 2h	18.52		18.52		218.01	219.24	219.48	219.83	0.028464	3.39	3.39	5.46	6.91	1.22	1.22
ruota	tratto1	260	Max WS	SC 200 3h	23.25	0.07	23.18		218.01	219.30	219.52	220.09	0.036705	3.85	3.97	6.04	21.82	2.40	1.39
ruota	tratto1	260	Max WS	SC 200 4h	23.25	0.07	23.18		218.01	219.30	219.52	220.09	0.036706	3.85	3.97	6.04	21.82	2.40	1.39
ruota	tratto1	260	Max WS	SC 200 5h	23.25	0.07	23.18		218.01	219.30	219.52	220.09	0.036706	3.85	3.97	6.04	21.82	2.40	1.39
ruota	tratto1	250	Max WS	SC 200 2h	26.12	1.13	25.00		218.20	219.13	219.36	220.24	0.059523	4.07	4.76	6.42	35.47	3.50	1.76
ruota	tratto1	250	Max WS	SC 200 3h	29.04	4.97	24.07		218.20	219.21	219.38	219.95	0.041999	3.02	4.16	9.63	56.23	2.95	1.49
ruota	tratto1	250	Max WS	SC 200 4h	29.04	4.97	24.07		218.20	219.21	219.38	219.95	0.041999	3.02	4.16	9.63	56.23	2.95	1.49
ruota	tratto1	250	Max WS	SC 200 5h	29.04	4.97	24.07		218.20	219.21	219.38	219.95	0.041999	3.02	4.16	9.63	56.23	2.95	1.49
ruota	tratto1	245			Lat Struct														
ruota	tratto1	240	Max WS	SC 200 2h	26.41	4.08	22.33		218.00	219.07	219.23	219.67	0.031292	2.67	3.71	9.90	59.16	2.68	1.29
ruota	tratto1	240	Max WS	SC 200 3h	31.23	9.25	21.98		218.00	219.13	219.25	219.56	0.024550	2.15	3.39	14.51	84.74	2.24	1.15
ruota	tratto1	240	Max WS	SC 200 4h	31.23	9.25	21.98		218.00	219.13	219.25	219.56	0.024550	2.15	3.39	14.51	84.74	2.24	1.15
ruota	tratto1	240	Max WS	SC 200 5h	31.23	9.25	21.98		218.00	219.13	219.25	219.56	0.024550	2.15	3.39	14.51	84.74	2.24	1.15
ruota	tratto1	230	Max WS	SC 200 2h	30.96	11.67	19.29		217.95	218.99	219.11	219.37	0.025542	2.18	3.32	14.20	69.84	1.95	1.16
ruota	tratto1	230	Max WS	SC 200 3h	33.92	14.89	19.02		217.95	219.02	219.12	219.35	0.022502	2.08	3.16	16.28	72.79	1.73	1.09

HEC-RAS Locations: User Defined    Profile: Max WS (Continued)

River	Reach	River Sta	Profile	Plan	Q Total (m3/s)	Q Left (m3/s)	Q Channel (m3/s)	Q Right (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Total (m/s)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # XS	Froude # Chl
ruota	tratto1	230	Max WS	SC 200 4h	33.92	14.89	19.02		217.95	219.02	219.12	219.35	0.022502	2.08	3.16	16.28	72.79	1.73	1.09
ruota	tratto1	230	Max WS	SC 200 5h	33.92	14.89	19.02		217.95	219.02	219.12	219.35	0.022502	2.08	3.16	16.28	72.79	1.73	1.09
ruota	tratto1	220	Max WS	SC 200 2h	30.96	16.74	14.22		217.69	218.90	218.91	219.04	0.009105	1.52	2.11	20.42	64.63	0.96	0.70
ruota	tratto1	220	Max WS	SC 200 3h	33.21	18.23	14.98		217.69	218.90	218.92	219.06	0.009874	1.59	2.20	20.89	65.13	0.99	0.73
ruota	tratto1	220	Max WS	SC 200 4h	33.21	18.22	14.99		217.69	218.90	218.92	219.06	0.009901	1.59	2.21	20.87	65.10	0.99	0.73
ruota	tratto1	220	Max WS	SC 200 5h	33.21	18.22	14.99		217.69	218.90	218.92	219.06	0.009901	1.59	2.21	20.87	65.10	0.99	0.73
ruota	tratto1	210	Max WS	SC 200 2h	30.96	11.28	19.68		217.23	218.75	218.68	218.89	0.005612	1.38	1.95	22.42	63.80	0.89	0.57
ruota	tratto1	210	Max WS	SC 200 3h	29.37	10.28	19.09		217.23	218.74	218.67	218.87	0.005422	1.35	1.91	21.76	63.48	0.88	0.56
ruota	tratto1	210	Max WS	SC 200 4h	29.57	9.92	19.64		217.23	218.73	218.68	218.87	0.005892	1.40	1.98	21.12	63.17	0.93	0.58
ruota	tratto1	210	Max WS	SC 200 5h	29.57	9.92	19.64		217.23	218.73	218.68	218.87	0.005892	1.40	1.98	21.12	63.17	0.93	0.58
ruota	tratto1	200	Max WS	SC 200 2h	30.98	10.54	20.44		216.86	218.46	218.45	218.62	0.006016	1.50	2.05	20.70	53.83	0.91	0.58
ruota	tratto1	200	Max WS	SC 200 3h	29.37	9.21	20.17		216.86	218.44	218.43	218.60	0.006199	1.51	2.07	19.42	52.08	0.94	0.59
ruota	tratto1	200	Max WS	SC 200 4h	27.73	8.01	19.72		216.86	218.42	218.41	218.58	0.006242	1.51	2.06	18.31	50.25	0.95	0.59
ruota	tratto1	200	Max WS	SC 200 5h	25.69	6.23	19.45		216.86	218.38	218.38	218.56	0.006699	1.57	2.09	16.39	46.90	1.01	0.61
ruota	tratto1	195			Lat Struct														
ruota	tratto1	190	Max WS	SC 200 2h	31.26	12.95	18.32		216.73	218.32	218.24	218.44	0.004858	1.43	1.85	21.93	46.34	0.73	0.54
ruota	tratto1	190	Max WS	SC 200 3h	29.48	11.42	18.06		216.73	218.29	218.22	218.42	0.005055	1.43	1.87	20.67	46.06	0.76	0.54
ruota	tratto1	190	Max WS	SC 200 4h	27.73	9.99	17.74		216.73	218.26	218.20	218.40	0.005201	1.42	1.88	19.51	45.79	0.79	0.55
ruota	tratto1	190	Max WS	SC 200 5h	25.69	8.45	17.24		216.73	218.23	218.18	218.37	0.005336	1.42	1.87	18.06	44.06	0.81	0.56
ruota	tratto1	180	Max WS	SC 200 2h	31.26	13.95	17.31		216.57	218.23	218.08	218.32	0.003115	1.25	1.55	25.09	43.93	0.56	0.44
ruota	tratto1	180	Max WS	SC 200 3h	29.48	12.51	16.97		216.57	218.20	218.06	218.29	0.003211	1.24	1.56	23.78	43.56	0.58	0.44
ruota	tratto1	180	Max WS	SC 200 4h	27.73	11.15	16.59		216.57	218.17	218.05	218.26	0.003280	1.23	1.56	22.57	43.22	0.59	0.44
ruota	tratto1	180	Max WS	SC 200 5h	25.69	9.59	16.10		216.57	218.14	218.03	218.23	0.003352	1.22	1.55	21.14	42.81	0.61	0.45
ruota	tratto1	170	Max WS	SC 200 2h	31.26	13.07	18.19		216.40	218.15	217.96	218.24	0.002890	1.25	1.55	25.04	41.14	0.55	0.42
ruota	tratto1	170	Max WS	SC 200 3h	29.48	11.64	17.83		216.40	218.12	217.94	218.21	0.002988	1.24	1.55	23.68	40.68	0.56	0.43
ruota	tratto1	170	Max WS	SC 200 4h	27.73	10.32	17.42		216.40	218.09	217.92	218.18	0.003055	1.24	1.55	22.44	40.24	0.58	0.43
ruota	tratto1	170	Max WS	SC 200 5h	25.69	8.89	16.79		216.40	218.06	217.89	218.15	0.003056	1.21	1.53	21.15	39.80	0.59	0.43
ruota	tratto1	165			Lat Struct														
ruota	tratto1	160	Max WS	SC 200 2h	31.26	10.95	20.30		216.21	218.05	217.90	218.16	0.003675	1.34	1.70	23.24	42.99	0.64	0.47
ruota	tratto1	160	Max WS	SC 200 3h	29.47	9.37	20.10		216.21	218.01	217.88	218.13	0.003944	1.37	1.73	21.49	41.58	0.68	0.49
ruota	tratto1	160	Max WS	SC 200 4h	27.73	7.87	19.86		216.21	217.97	217.85	218.09	0.004232	1.40	1.77	19.75	39.77	0.71	0.51
ruota	tratto1	160	Max WS	SC 200 5h	25.69	6.13	19.55		216.21	217.91	217.82	218.05	0.004633	1.45	1.82	17.69	37.52	0.77	0.53
ruota	tratto1	150	Max WS	SC 200 2h	31.03	4.47	26.56		215.66	217.78	217.33	217.97	0.004772	1.71	2.02	18.13	29.94	0.78	0.54
ruota	tratto1	150	Max WS	SC 200 3h	29.47	3.83	25.64		215.66	217.75	217.29	217.93	0.004780	1.73	2.01	17.08	26.93	0.76	0.54
ruota	tratto1	150	Max WS	SC 200 4h	27.73	3.04	24.68		215.66	217.71	217.24	217.89	0.004813	1.73	1.99	16.00	25.16	0.76	0.54
ruota	tratto1	150	Max WS	SC 200 5h	25.68	1.83	23.86		215.66	217.63	217.17	217.83	0.005276	1.82	2.04	14.12	22.52	0.80	0.56
ruota	tratto1	140	Max WS	SC 200 2h	30.97	8.96	22.01		215.66	217.76	217.34	217.85	0.002417	1.18	1.51	26.23	52.14	0.60	0.40
ruota	tratto1	140	Max WS	SC 200 3h	29.47	7.75	21.72		215.66	217.72	217.30	217.81	0.002545	1.21	1.53	24.27	48.05	0.61	0.41
ruota	tratto1	140	Max WS	SC 200 4h	27.72	6.47	21.25		215.66	217.67	217.22	217.77	0.002672	1.25	1.55	22.20	43.43	0.62	0.41
ruota	tratto1	140	Max WS	SC 200 5h	25.68	4.42	21.26		215.66	217.57	217.11	217.69	0.003315	1.40	1.67	18.30	33.23	0.67	0.46
ruota	tratto1	130	Max WS	SC 200 2h	30.94	11.92	19.01		215.38	217.73	217.13	217.78	0.001175	0.82	1.07	37.65	64.88	0.38	0.28
ruota	tratto1	130	Max WS	SC 200 3h	29.47	10.34	19.13		215.38	217.69	217.09	217.74	0.001299	0.84	1.11	34.92	64.24	0.41	0.29
ruota	tratto1	130	Max WS	SC 200 4h	27.71	8.43	19.29		215.38	217.64	217.04	217.69	0.001473	0.88	1.16	31.65	63.59	0.46	0.31
ruota	tratto1	130	Max WS	SC 200 5h	25.68	4.45	21.23		215.38	217.52	216.97	217.60	0.002344	1.07	1.39	24.09	62.08	0.65	0.38
ruota	tratto1	125			Lat Struct														

River	Reach	River Sta	Profile	Plan	Q Total	Q Left	Q Channel	Q Right	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Total	Vel Chnl	Flow Area	Top Width	Froude # XS	Froude # Chl
					(m3/s)	(m3/s)	(m3/s)	(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m2)	(m)		
ruota	tratto1	120	Max WS	SC 200 2h	30.87	11.36	19.51		215.15	217.70	216.73	217.74	0.000708	0.71	0.91	43.37	68.31	0.30	0.22
ruota	tratto1	120	Max WS	SC 200 3h	29.46	9.97	19.50		215.15	217.66	216.70	217.69	0.000766	0.73	0.93	40.56	63.59	0.32	0.22
ruota	tratto1	120	Max WS	SC 200 4h	27.71	8.34	19.37		215.15	217.60	216.66	217.64	0.000832	0.74	0.96	37.37	62.06	0.34	0.23
ruota	tratto1	120	Max WS	SC 200 5h	25.67	4.92	20.75		215.15	217.47	216.61	217.52	0.001232	0.87	1.11	29.54	58.57	0.45	0.28
ruota	tratto1	110	Max WS	SC 200 2h	30.83	14.39	16.44		214.90	217.70	216.68	217.72	0.000643	0.68	0.89	45.14	68.39	0.28	0.21
ruota	tratto1	110	Max WS	SC 200 3h	29.46	12.98	16.48		214.90	217.65	216.64	217.68	0.000695	0.70	0.91	42.32	62.75	0.29	0.21
ruota	tratto1	110	Max WS	SC 200 4h	27.70	11.25	16.45		214.90	217.60	216.59	217.63	0.000756	0.71	0.94	39.04	61.06	0.31	0.22
ruota	tratto1	110	Max WS	SC 200 5h	25.67	7.73	17.94		214.90	217.46	216.52	217.50	0.001141	0.83	1.11	30.93	56.93	0.42	0.27
ruota	tratto1	100	Max WS	SC 200 2h	30.83	16.13	14.70		214.84	217.69	216.47	217.71	0.000393	0.58	0.73	53.23	68.78	0.21	0.16
ruota	tratto1	100	Max WS	SC 200 3h	29.45	14.74	14.71		214.84	217.64	216.44	217.66	0.000421	0.58	0.75	50.37	65.85	0.22	0.17
ruota	tratto1	100	Max WS	SC 200 4h	27.70	13.04	14.67		214.84	217.59	216.38	217.61	0.000454	0.59	0.77	46.99	63.14	0.23	0.17
ruota	tratto1	100	Max WS	SC 200 5h	25.66	10.14	15.53		214.84	217.45	216.32	217.48	0.000632	0.67	0.87	38.55	57.01	0.29	0.20
ruota	tratto1	90	Max WS	SC 200 2h	30.79	17.04	13.74		214.79	217.69	216.43	217.70	0.000336	0.57	0.69	54.44	63.45	0.19	0.15
ruota	tratto1	90	Max WS	SC 200 3h	29.46	15.76	13.70		214.79	217.64	216.39	217.66	0.000356	0.57	0.70	51.82	61.50	0.20	0.15
ruota	tratto1	90	Max WS	SC 200 4h	27.70	14.14	13.56		214.79	217.58	216.34	217.60	0.000377	0.57	0.71	48.71	57.78	0.21	0.16
ruota	tratto1	90	Max WS	SC 200 5h	25.66	11.46	14.20		214.79	217.44	216.28	217.46	0.000509	0.63	0.80	40.89	53.45	0.25	0.18
ruota	tratto1	80	Max WS	SC 200 2h	30.78	13.04	15.68	2.06	214.56	217.68	215.89	217.69	0.000244	0.51	0.60	60.05	60.00	0.17	0.12
ruota	tratto1	80	Max WS	SC 200 3h	29.46	12.28	15.52	1.66	214.56	217.63	215.85	217.65	0.000255	0.51	0.61	57.25	60.00	0.18	0.12
ruota	tratto1	80	Max WS	SC 200 4h	27.68	11.16	15.14	1.39	214.56	217.58	215.81	217.59	0.000258	0.51	0.61	53.97	55.88	0.18	0.12
ruota	tratto1	80	Max WS	SC 200 5h	25.65	9.09	15.82	0.75	214.56	217.43	215.75	217.45	0.000315	0.55	0.67	46.27	51.20	0.20	0.14
ruota	tratto1	75 BR U	Max WS	SC 200 2h	30.78	2.92	25.96	1.89	214.58	217.65	216.07	217.67		1.48	2.02	20.79	60.00	0.30	0.30
ruota	tratto1	75 BR U	Max WS	SC 200 3h	29.46	1.63	26.83	0.99	214.58	217.60	216.04	217.62		1.68	2.18	17.53	59.77	0.36	0.36
ruota	tratto1	75 BR U	Max WS	SC 200 4h	27.68	0.71	26.56	0.40	214.58	217.55	215.98	217.57		1.88	2.25	14.69	54.21	0.40	0.40
ruota	tratto1	75 BR U	Max WS	SC 200 5h	25.65		25.65		214.58	216.54	215.92	217.41	0.017863	2.30	2.30	11.13		0.52	0.52
ruota	tratto1	75 BR D	Max WS	SC 200 2h	30.78	2.92	25.96	1.89	214.25	217.60	215.78	217.65		1.34	1.82	22.98	59.50	0.32	0.32
ruota	tratto1	75 BR D	Max WS	SC 200 3h	29.46	1.63	26.83	0.99	214.25	217.57	215.74	217.60		1.49	1.94	19.74	59.50	0.34	0.34
ruota	tratto1	75 BR D	Max WS	SC 200 4h	27.68	0.71	26.56	0.40	214.25	217.54	215.68	217.56		1.65	1.98	16.83	59.50	0.35	0.35
ruota	tratto1	75 BR D	Max WS	SC 200 5h	25.65		25.65		214.25	216.54	215.62	217.06	0.011822	1.99	1.99	12.89		0.42	0.42
ruota	tratto1	70	Max WS	SC 200 2h	30.06	5.80	23.66	0.59	214.25	217.26	215.58	217.32	0.000935	0.93	1.08	32.30	32.73	0.32	0.21
ruota	tratto1	70	Max WS	SC 200 3h	29.30	4.69	24.41	0.20	214.25	217.17	215.56	217.23	0.001098	1.00	1.15	29.17	32.17	0.36	0.23
ruota	tratto1	70	Max WS	SC 200 4h	27.53	3.91	23.53	0.09	214.25	217.12	215.51	217.18	0.001073	0.99	1.13	27.67	29.86	0.36	0.22
ruota	tratto1	70	Max WS	SC 200 5h	25.55	2.37	23.18	0.00	214.25	216.99	215.46	217.06	0.001196	1.05	1.17	24.31	22.97	0.35	0.24
ruota	tratto1	60	Max WS	SC 200 2h	30.01	4.15	25.65	0.21	213.75	217.26	215.55	217.31	0.000723	0.90	1.02	33.30	29.80	0.29	0.22
ruota	tratto1	60	Max WS	SC 200 3h	29.30	3.25	25.99	0.06	213.75	217.16	215.53	217.22	0.000848	0.96	1.08	30.44	29.29	0.32	0.23
ruota	tratto1	60	Max WS	SC 200 4h	27.52	2.66	24.84	0.02	213.75	217.11	215.48	217.17	0.000828	0.95	1.05	29.08	27.79	0.32	0.23
ruota	tratto1	60	Max WS	SC 200 5h	25.54	1.49	24.05		213.75	216.99	215.42	217.04	0.000931	0.99	1.08	25.78	24.44	0.33	0.24
ruota	tratto1	50	Max WS	SC 200 2h	30.01	2.81	27.20	0.00	213.71	217.24	215.45	217.30	0.000955	1.06	1.13	28.30	18.61	0.28	0.24
ruota	tratto1	50	Max WS	SC 200 3h	29.29	2.17	27.12		213.71	217.14	215.43	217.21	0.001022	1.10	1.18	26.58	17.64	0.30	0.25
ruota	tratto1	50	Max WS	SC 200 4h	27.52	1.80	25.72		213.71	217.10	215.37	217.16	0.000967	1.07	1.14	25.80	17.49	0.29	0.24
ruota	tratto1	50	Max WS	SC 200 5h	25.54	1.08	24.46		213.71	216.97	215.30	217.04	0.001016	1.08	1.15	23.66	17.08	0.31	0.25
ruota	tratto1	40	Max WS	SC 200 2h	29.73	0.00	29.62	0.12	213.52	217.10	215.53	217.27	0.002869	1.77	1.80	16.78	8.67	0.41	0.35
ruota	tratto1	40	Max WS	SC 200 3h	29.16		29.14	0.02	213.52	217.00	215.50	217.17	0.003061	1.83	1.83	15.98	7.42	0.40	0.36
ruota	tratto1	40	Max WS	SC 200 4h	27.47		27.45	0.01	213.52	216.97	215.44	217.13	0.002798	1.74	1.75	15.76	7.05	0.37	0.34
ruota	tratto1	40	Max WS	SC 200 5h	25.52		25.52		213.52	216.86	215.37	217.01	0.002706	1.70	1.70	15.05	5.89	0.34	0.34
ruota	tratto1	35 BR U	Max WS	SC 200 2h	29.73		29.33		213.52	216.91	215.52	217.19	0.007433	2.34	2.34	12.53	2.34	0.41	0.41
ruota	tratto1	35 BR U	Max WS	SC 200 3h	29.16		28.90		213.52	216.86	215.49	217.14	0.007197	2.33	2.33	12.41	2.51	0.41	0.41

River	Reach	River Sta	Profile	Plan	Q Total	Q Left	Q Channel	Q Right	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Total	Vel Chnl	Flow Area	Top Width	Froude # XS	Froude # Chl
					(m3/s)	(m3/s)	(m3/s)	(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m2)	(m)		
ruota	tratto1	35 BR U	Max WS	SC 200 4h	27.47		27.30		213.52	216.85	215.43	217.10	0.006394	2.20	2.20	12.39	2.55	0.39	0.39
ruota	tratto1	35 BR U	Max WS	SC 200 5h	25.52		25.49		213.52	216.76	215.36	216.98	0.005675	2.10	2.10	12.13	2.81	0.37	0.37
ruota	tratto1	35 BR D	Max WS	SC 200 2h	29.73		29.33		213.52	216.87	215.52	217.15	0.007473	2.36	2.36	12.43	2.49	0.41	0.41
ruota	tratto1	35 BR D	Max WS	SC 200 3h	29.16		28.90		213.52	216.82	215.49	217.10	0.007257	2.35	2.35	12.31	2.65	0.41	0.41
ruota	tratto1	35 BR D	Max WS	SC 200 4h	27.47		27.30		213.52	216.81	215.43	217.06	0.006449	2.22	2.22	12.29	2.66	0.39	0.39
ruota	tratto1	35 BR D	Max WS	SC 200 5h	25.52		25.49		213.52	216.72	215.36	216.95	0.005742	2.12	2.12	12.04	2.89	0.38	0.38
ruota	tratto1	30	Max WS	SC 200 2h	28.37		28.37	0.00	213.52	216.92	215.47	217.10	0.003138	1.84	1.84	15.44	6.44	0.38	0.36
ruota	tratto1	30	Max WS	SC 200 3h	29.10		29.10		213.52	216.88	215.50	217.06	0.003471	1.92	1.92	15.13	5.89	0.38	0.38
ruota	tratto1	30	Max WS	SC 200 4h	27.44		27.44		213.52	216.86	215.44	217.03	0.003126	1.82	1.82	15.06	5.89	0.36	0.36
ruota	tratto1	30	Max WS	SC 200 5h	25.50		25.50		213.52	216.76	215.37	216.92	0.002989	1.76	1.76	14.49	5.83	0.36	0.36
ruota	tratto1	20	Max WS	SC 200 2h	28.46	0.29	27.54	0.64	213.49	216.97	215.23	217.03	0.000887	1.08	1.15	26.37	20.26	0.32	0.24
ruota	tratto1	20	Max WS	SC 200 3h	29.15	0.20	28.40	0.54	213.49	216.92	215.25	216.99	0.001009	1.15	1.21	25.45	19.49	0.33	0.26
ruota	tratto1	20	Max WS	SC 200 4h	27.44	0.16	26.81	0.47	213.49	216.90	215.20	216.97	0.000924	1.09	1.15	25.10	19.14	0.32	0.24
ruota	tratto1	20	Max WS	SC 200 5h	25.51	0.04	25.22	0.24	213.49	216.80	215.13	216.87	0.000955	1.10	1.13	23.25	17.16	0.31	0.25
ruota	tratto1	10	Max WS	SC 200 2h	28.44	2.58	21.52	4.34	213.14	216.96	214.87	216.99	0.000339	0.63	0.80	44.82	44.91	0.23	0.15
ruota	tratto1	10	Max WS	SC 200 3h	29.12	2.33	22.71	4.09	213.14	216.92	214.90	216.95	0.000400	0.68	0.86	42.69	44.84	0.25	0.17
ruota	tratto1	10	Max WS	SC 200 4h	27.44	2.08	21.65	3.72	213.14	216.90	214.84	216.93	0.000372	0.66	0.82	41.88	44.82	0.25	0.16
ruota	tratto1	10	Max WS	SC 200 5h	25.51	1.39	21.46	2.66	213.14	216.79	214.78	216.82	0.000418	0.69	0.85	37.16	43.08	0.27	0.17
ruota	tratto1	5	Max WS	SC 200 2h	28.44	2.56	21.56	4.32	213.14	216.96	214.87	216.99	0.000342	0.64	0.80	44.66	44.90	0.23	0.15
ruota	tratto1	5	Max WS	SC 200 3h	29.05	2.29	22.72	4.04	213.14	216.91	214.89	216.94	0.000403	0.68	0.86	42.49	44.83	0.26	0.17
ruota	tratto1	5	Max WS	SC 200 4h	27.43	2.05	21.69	3.69	213.14	216.89	214.84	216.92	0.000375	0.66	0.82	41.70	44.81	0.25	0.16
ruota	tratto1	5	Max WS	SC 200 5h	25.51	1.37	21.51	2.62	213.14	216.79	214.78	216.82	0.000423	0.69	0.85	36.97	42.99	0.27	0.17
staggia	tratto1	91	Max WS	SC 200 2h	93.19	7.60	71.17	14.42	235.51	238.34	238.34	238.76	0.007987	2.25	3.23	41.44	56.69	1.07	0.75
staggia	tratto1	91	Max WS	SC 200 3h	92.27	7.36	71.01	13.90	235.51	238.32	238.34	238.75	0.008165	2.27	3.25	40.60	55.90	1.09	0.76
staggia	tratto1	91	Max WS	SC 200 4h	89.79	6.98	69.70	13.10	235.51	238.30	238.31	238.73	0.008116	2.26	3.22	39.65	55.00	1.08	0.76
staggia	tratto1	91	Max WS	SC 200 5h	78.49	4.76	65.31	8.42	235.51	238.16	238.22	238.63	0.009296	2.42	3.26	32.43	47.53	1.16	0.80
staggia	tratto1	90	Max WS	SC 200 2h	82.19	1.45	72.39	8.34	234.40	236.82	236.32	237.07	0.004319	1.71	2.38	48.00	91.83	0.99	0.56
staggia	tratto1	90	Max WS	SC 200 3h	77.44	0.80	71.41	5.23	234.40	236.72	236.25	237.01	0.004967	1.92	2.47	40.39	76.13	1.04	0.59
staggia	tratto1	90	Max WS	SC 200 4h	84.21	0.56	79.51	4.15	234.40	236.67	236.34	237.06	0.006885	2.32	2.85	36.27	66.19	1.19	0.70
staggia	tratto1	90	Max WS	SC 200 5h	76.81	0.15	74.97	1.70	234.40	236.56	236.24	236.97	0.007571	2.55	2.86	30.18	50.85	1.17	0.72
staggia	tratto1	89	Max WS	SC 200 2h	60.11	7.68	42.81	9.62	233.40	235.81	234.99	235.83	0.000640	0.50	0.72	120.17	215.15	0.27	0.21
staggia	tratto1	89	Max WS	SC 200 3h	61.62	10.50	37.15	13.96	233.40	236.04	235.01	236.05	0.000273	0.36	0.52	171.16	234.44	0.16	0.14
staggia	tratto1	89	Max WS	SC 200 4h	62.01	11.22	35.66	15.14	233.40	236.12	235.02	236.13	0.000211	0.33	0.48	190.04	242.58	0.14	0.12
staggia	tratto1	89	Max WS	SC 200 5h	60.00	9.17	38.83	11.99	233.40	235.93	234.99	235.95	0.000382	0.41	0.59	147.38	225.76	0.20	0.16
staggia	tratto1	88	Max WS	SC 200 2h	56.62	7.48	6.91	42.22	231.84	235.75	233.61	235.75	0.000008	0.09	0.14	609.49	370.33	0.02	0.03
staggia	tratto1	88	Max WS	SC 200 3h	59.97	8.66	7.20	44.10	231.84	236.01	233.62	236.01	0.000006	0.08	0.13	710.30	399.75	0.02	0.02
staggia	tratto1	88	Max WS	SC 200 4h	61.07	8.98	7.18	44.91	231.84	236.10	233.63	236.10	0.000006	0.08	0.13	744.97	406.92	0.02	0.02
staggia	tratto1	88	Max WS	SC 200 5h	58.58	8.30	7.21	43.07	231.84	235.89	233.61	235.89	0.000007	0.09	0.14	664.87	387.56	0.02	0.03
staggia	tratto1	87	Max WS	SC 200 2h	56.74	3.56	8.57	44.61	231.20	235.75	232.89	235.75	0.000004	0.08	0.11	748.93	324.54	0.02	0.02
staggia	tratto1	87	Max WS	SC 200 3h	59.93	4.05	8.74	47.15	231.20	236.01	232.89	236.01	0.000003	0.07	0.10	835.71	337.26	0.02	0.02
staggia	tratto1	87	Max WS	SC 200 4h	61.03	4.19	8.75	48.10	231.20	236.10	232.90	236.10	0.000003	0.07	0.10	864.75	338.40	0.01	0.02
staggia	tratto1	87	Max WS	SC 200 5h	58.54	3.82	8.65	46.06	231.20	235.89	232.89	235.89	0.000003	0.07	0.11	797.17	330.71	0.02	0.02
staggia	tratto1	86	Max WS	SC 200 2h	56.64	2.11	10.57	43.97	231.10	235.75	232.44	235.75	0.000003	0.08	0.12	686.92	253.23	0.02	0.02
staggia	tratto1	86	Max WS	SC 200 3h	59.89	2.31	10.74	46.83	231.10	236.01	232.46	236.01	0.000003	0.08	0.11	753.95	258.51	0.02	0.02
staggia	tratto1	86	Max WS	SC 200 4h	60.98	2.38	10.79	47.81	231.10	236.09	232.47	236.10	0.000003	0.08	0.11	776.21	259.58	0.02	0.02
staggia	tratto1	86	Max WS	SC 200 5h	58.50	2.22	10.67	45.61	231.10	235.89	232.46	235.89	0.000003	0.08	0.12	724.27	256.07	0.02	0.02

River	Reach	River Sta	Profile	Plan	Q Total (m3/s)	Q Left (m3/s)	Q Channel (m3/s)	Q Right (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Total (m/s)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # XS	Froude # Chl
staggia	tratto1	85	Max WS	SC 200 2h	56.61	3.27	42.16	11.18	230.50	235.74	231.46	235.75	0.000008	0.16	0.20	348.42	107.17	0.03	0.03
staggia	tratto1	85	Max WS	SC 200 3h	59.89	3.73	44.08	12.07	230.50	236.01	231.50	236.01	0.000007	0.16	0.19	377.20	112.44	0.03	0.03
staggia	tratto1	85	Max WS	SC 200 4h	60.98	3.89	44.70	12.39	230.50	236.09	231.51	236.09	0.000007	0.16	0.19	386.97	114.18	0.03	0.03
staggia	tratto1	85	Max WS	SC 200 5h	58.47	3.53	43.27	11.67	230.50	235.89	231.48	235.89	0.000008	0.16	0.20	364.35	110.12	0.03	0.03
staggia	tratto1	84.5	Max WS	SC 200 2h	56.61		56.61		230.50	235.70	232.38	235.75	0.000402	0.99	0.99	57.04	15.94	0.17	0.17
staggia	tratto1	84.5	Max WS	SC 200 3h	59.89		59.89		230.50	235.96	232.44	236.01	0.000371	0.98	0.98	61.32	16.44	0.16	0.16
staggia	tratto1	84.5	Max WS	SC 200 4h	60.98		60.98		230.50	236.05	232.46	236.10	0.000362	0.97	0.97	62.74	16.61	0.16	0.16
staggia	tratto1	84.5	Max WS	SC 200 5h	58.47		58.47		230.50	235.85	232.41	235.90	0.000385	0.98	0.98	59.41	16.22	0.16	0.16
staggia	tratto1	84	Max WS	SC 200 2h	56.61		56.61		230.50	235.53		235.71	0.000608	1.88	1.88	30.17	6.00	0.27	0.27
staggia	tratto1	84	Max WS	SC 200 3h	59.88		59.88		230.50	235.79		235.97	0.000600	1.89	1.89	31.73	6.00	0.26	0.26
staggia	tratto1	84	Max WS	SC 200 4h	60.98		60.98		230.50	235.87		236.06	0.000597	1.89	1.89	32.24	6.00	0.26	0.26
staggia	tratto1	84	Max WS	SC 200 5h	58.47		58.47		230.50	235.67		235.85	0.000604	1.88	1.88	31.04	6.00	0.26	0.26
staggia	tratto1	83			Culvert														
staggia	tratto1	82	Max WS	SC 200 2h	56.61		56.61		230.70	232.34	232.79	234.03	0.012346	5.77	5.77	9.81	6.00	1.44	1.44
staggia	tratto1	82	Max WS	SC 200 3h	59.88		59.88		230.70	232.54	232.86	234.04	0.009807	5.41	5.41	11.07	6.00	1.27	1.27
staggia	tratto1	82	Max WS	SC 200 4h	60.97		60.97		230.70	232.60	232.89	234.06	0.009339	5.35	5.35	11.41	6.00	1.24	1.24
staggia	tratto1	82	Max WS	SC 200 5h	58.46		58.46		230.70	232.46	232.83	234.02	0.010611	5.52	5.52	10.58	6.00	1.33	1.33
staggia	tratto1	71.5	Max WS	SC 200 2h	56.61		56.61		228.03	232.57	230.16	232.80	0.000842	2.13	2.13	26.57	48.02	0.32	0.32
staggia	tratto1	71.5	Max WS	SC 200 3h	59.88	4.09	55.80		228.03	232.69	230.24	232.89	0.000757	1.52	2.05	39.41	52.85	0.60	0.30
staggia	tratto1	71.5	Max WS	SC 200 4h	60.98	4.64	56.33		228.03	232.73	230.27	232.93	0.000752	1.50	2.05	40.72	53.60	0.59	0.30
staggia	tratto1	71.5	Max WS	SC 200 5h	58.46	3.38	55.09		228.03	232.64	230.21	232.84	0.000763	1.55	2.04	37.68	51.03	0.60	0.30
staggia	tratto1	71.49			Lat Struct														
staggia	tratto1	71	Max WS	SC 200 2h	56.61		56.61		228.06	232.51	230.16	232.74	0.000817	2.11	2.11	26.80	45.43	0.32	0.32
staggia	tratto1	71	Max WS	SC 200 3h	59.88		59.88		228.06	232.60	230.24	232.84	0.000873	2.19	2.19	27.29	46.15	0.33	0.33
staggia	tratto1	71	Max WS	SC 200 4h	60.96		60.96		228.06	232.62	230.27	232.87	0.000891	2.22	2.22	27.44	46.38	0.33	0.33
staggia	tratto1	71	Max WS	SC 200 5h	58.47		58.47		228.06	232.56	230.21	232.80	0.000849	2.16	2.16	27.08	45.84	0.33	0.33
staggia	tratto1	70.9	Max WS	SC 200 2h	56.61		56.61		228.02	232.51	230.10	232.73	0.000791	2.09	2.09	27.14	46.50	0.31	0.31
staggia	tratto1	70.9	Max WS	SC 200 3h	59.88		59.88		228.02	232.59	230.17	232.83	0.000846	2.17	2.17	27.62	47.86	0.32	0.32
staggia	tratto1	70.9	Max WS	SC 200 4h	60.96		60.96		228.02	232.61	230.20	232.86	0.000865	2.19	2.19	27.78	48.50	0.33	0.33
staggia	tratto1	70.9	Max WS	SC 200 5h	58.46		58.46		228.02	232.55	230.14	232.78	0.000822	2.13	2.13	27.42	47.02	0.32	0.32
staggia	tratto1	70.8	Max WS	SC 200 2h	56.61		56.61		228.02	232.09	230.71	232.67	0.003053	3.40	3.40	16.67	39.99	0.54	0.54
staggia	tratto1	70.8	Max WS	SC 200 3h	59.88		59.88		228.02	232.12	230.81	232.77	0.003350	3.56	3.56	16.80	40.34	0.56	0.56
staggia	tratto1	70.8	Max WS	SC 200 4h	60.96		60.96		228.02	232.13	230.85	232.80	0.003451	3.62	3.62	16.85	40.45	0.57	0.57
staggia	tratto1	70.8	Max WS	SC 200 5h	58.46		58.46		228.02	232.11	230.77	232.73	0.003218	3.49	3.49	16.75	40.20	0.55	0.55
staggia	tratto1	70.5	Max WS	SC 200 2h	56.61		56.61		228.02	232.05	230.71	232.64	0.003128	3.43	3.43	16.50	26.23	0.55	0.55
staggia	tratto1	70.5	Max WS	SC 200 3h	59.88		59.88		228.02	232.07	230.81	232.73	0.003445	3.60	3.60	16.61	26.82	0.57	0.57
staggia	tratto1	70.5	Max WS	SC 200 4h	60.96		60.96		228.02	232.08	230.85	232.76	0.003554	3.66	3.66	16.64	27.00	0.58	0.58
staggia	tratto1	70.5	Max WS	SC 200 5h	58.46		58.46		228.02	232.06	230.77	232.70	0.003305	3.53	3.53	16.57	26.59	0.56	0.56
staggia	tratto1	70	Max WS	SC 200 2h	56.61		56.61		228.02	232.10	230.55	232.58	0.002321	3.09	3.09	18.35	27.53	0.49	0.49
staggia	tratto1	70	Max WS	SC 200 3h	59.88		59.88		228.02	232.13	230.65	232.66	0.002546	3.24	3.24	18.49	28.24	0.51	0.51
staggia	tratto1	70	Max WS	SC 200 4h	60.96		60.96		228.02	232.14	230.68	232.69	0.002623	3.29	3.29	18.54	28.46	0.52	0.52
staggia	tratto1	70	Max WS	SC 200 5h	58.46		58.46		228.02	232.12	230.61	232.63	0.002447	3.17	3.17	18.43	27.96	0.50	0.50
staggia	tratto1	69	Max WS	SC 200 2h	56.49	0.06	56.44		228.28	232.11	230.67	232.51	0.001639	2.78	2.82	20.35	16.75	0.66	0.48
staggia	tratto1	69	Max WS	SC 200 3h	59.71	0.11	59.61		228.28	232.14	230.76	232.59	0.001771	2.88	2.95	20.74	17.62	0.71	0.50
staggia	tratto1	69	Max WS	SC 200 4h	60.77	0.13	60.65		228.28	232.15	230.78	232.61	0.001816	2.91	3.00	20.87	17.89	0.73	0.50
staggia	tratto1	69	Max WS	SC 200 5h	58.32	0.08	58.24		228.28	232.13	230.72	232.56	0.001712	2.83	2.90	20.58	17.27	0.69	0.49

River	Reach	River Sta		Profile	Plan	Q Total	Q Left	Q Channel	Q Right	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Total	Vel Chnl	Flow Area	Top Width	Froude # XS	Froude # Chl
						(m3/s)	(m3/s)	(m3/s)	(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m2)	(m)		
staggia	tratto1	68	BR U	Max WS	SC 200 2h	56.49	3.81	52.66		228.28	232.11	230.67	232.51		0.00	2.79		11.56	0.55	0.55
staggia	tratto1	68	BR U	Max WS	SC 200 3h	59.71	5.12	54.59		228.28	232.14	230.76	232.59		0.00	2.83		16.57	0.58	0.58
staggia	tratto1	68	BR U	Max WS	SC 200 4h	60.77	5.58	55.19		228.28	232.15	230.78	232.61		0.00	2.84		17.87	0.58	0.58
staggia	tratto1	68	BR U	Max WS	SC 200 5h	58.32	4.55	53.73		228.28	232.13	230.72	232.56		0.00	2.81		14.48	0.57	0.57
staggia	tratto1	68	BR D	Max WS	SC 200 2h	56.49	3.81	52.66		227.96	232.11	230.26	232.35		1.58	2.44	35.79	22.25	0.45	0.45
staggia	tratto1	68	BR D	Max WS	SC 200 3h	59.71	5.12	54.59		227.96	232.14	230.34	232.43		1.57	2.48	38.08	23.02	0.47	0.47
staggia	tratto1	68	BR D	Max WS	SC 200 4h	60.77	5.58	55.19		227.96	232.15	230.36	232.46		1.57	2.49	38.82	23.26	0.47	0.47
staggia	tratto1	68	BR D	Max WS	SC 200 5h	58.32	4.55	53.73		227.96	232.13	230.30	232.40		1.57	2.46	37.10	22.70	0.46	0.46
staggia	tratto1	67		Max WS	SC 200 2h	56.49		56.49		227.96	230.66	230.26	231.43	0.016220	3.90	3.90	14.49	5.64	0.78	0.78
staggia	tratto1	67		Max WS	SC 200 3h	59.71		59.71		227.96	230.75	230.34	231.55	0.016474	3.98	3.98	15.01	5.65	0.78	0.78
staggia	tratto1	67		Max WS	SC 200 4h	60.77		60.77		227.96	230.78	230.37	231.59	0.016580	4.01	4.01	15.17	5.65	0.78	0.78
staggia	tratto1	67		Max WS	SC 200 5h	58.32		58.32		227.96	230.71	230.31	231.50	0.016340	3.94	3.94	14.79	5.64	0.78	0.78
staggia	tratto1	66		Max WS	SC 200 2h	56.49		56.49		227.96	230.16	230.26	231.35	0.029030	4.83	4.83	11.70	5.62	1.07	1.07
staggia	tratto1	66		Max WS	SC 200 3h	59.71		59.71		227.96	230.24	230.34	231.47	0.029204	4.91	4.91	12.16	5.63	1.07	1.07
staggia	tratto1	66		Max WS	SC 200 4h	60.77		60.77		227.96	230.27	230.37	231.51	0.029184	4.93	4.93	12.32	5.63	1.06	1.06
staggia	tratto1	66		Max WS	SC 200 5h	58.32		58.32		227.96	230.20	230.30	231.42	0.029207	4.88	4.88	11.95	5.62	1.07	1.07
staggia	tratto1	65.9				Lat Struct														
staggia	tratto1	65		Max WS	SC 200 2h	56.49	0.84	55.65		227.88	230.53	229.39	230.65	0.002612	1.54	1.59	36.65	28.58	0.44	0.42
staggia	tratto1	65		Max WS	SC 200 3h	59.71	1.17	58.55		227.88	230.62	229.44	230.74	0.002576	1.52	1.57	39.24	30.67	0.44	0.42
staggia	tratto1	65		Max WS	SC 200 4h	60.77	1.30	59.47		227.88	230.64	229.45	230.77	0.002548	1.51	1.56	40.14	31.25	0.44	0.41
staggia	tratto1	65		Max WS	SC 200 5h	58.32	1.01	57.31		227.88	230.58	229.41	230.70	0.002606	1.53	1.58	38.07	29.88	0.44	0.42
staggia	tratto1	64		Max WS	SC 200 2h	56.49	0.68	55.81		227.88	230.47	229.38	230.61	0.002808	1.61	1.65	35.06	27.03	0.46	0.43
staggia	tratto1	64		Max WS	SC 200 3h	59.71	0.97	58.74		227.88	230.56	229.44	230.69	0.002803	1.59	1.64	37.50	29.33	0.46	0.43
staggia	tratto1	64		Max WS	SC 200 4h	60.77	1.08	59.70		227.88	230.58	229.45	230.72	0.002791	1.59	1.64	38.33	30.05	0.46	0.43
staggia	tratto1	64		Max WS	SC 200 5h	58.32	0.84	57.48		227.88	230.52	229.41	230.66	0.002811	1.60	1.65	36.42	28.34	0.46	0.43
staggia	tratto1	63		Max WS	SC 200 2h	56.49	0.10	56.39		227.87	230.47	229.27	230.58	0.001556	1.46	1.47	38.72	22.42	0.36	0.34
staggia	tratto1	63		Max WS	SC 200 3h	59.71	0.24	59.48		227.87	230.55	229.32	230.66	0.002290	1.45	1.47	41.22	31.98	0.41	0.39
staggia	tratto1	63		Max WS	SC 200 4h	60.77	0.28	60.49		227.87	230.58	229.34	230.69	0.002226	1.44	1.46	42.11	32.25	0.41	0.39
staggia	tratto1	63		Max WS	SC 200 5h	58.32	0.19	58.13		227.87	230.51	229.30	230.62	0.002379	1.46	1.47	40.06	31.61	0.42	0.40
staggia	tratto1	62	BR U	Max WS	SC 200 2h	56.49		56.49		227.87	230.19	229.77	230.59	0.012895	2.80	2.80	20.17	12.26	0.70	0.70
staggia	tratto1	62	BR U	Max WS	SC 200 3h	59.71	0.00	59.71		227.87	230.25	229.82	230.66	0.013007	2.84	2.84	21.01	12.91	0.71	0.70
staggia	tratto1	62	BR U	Max WS	SC 200 4h	60.77	0.01	60.77		227.87	230.27	229.85	230.69	0.013033	2.85	2.86	21.30	13.17	0.72	0.70
staggia	tratto1	62	BR U	Max WS	SC 200 5h	58.32	0.00	58.32		227.87	230.22	229.80	230.63	0.012972	2.83	2.83	20.64	12.58	0.70	0.70
staggia	tratto1	62	BR D	Max WS	SC 200 2h	56.49		56.49		227.87	229.71	229.71	230.41	0.026299	3.71	3.71	15.24	10.86	1.00	1.00
staggia	tratto1	62	BR D	Max WS	SC 200 3h	59.71		59.71		227.87	229.76	229.76	230.49	0.026522	3.76	3.76	15.86	11.03	1.00	1.00
staggia	tratto1	62	BR D	Max WS	SC 200 4h	60.77		60.77		227.87	229.79	229.79	230.51	0.026321	3.77	3.77	16.13	11.10	1.00	1.00
staggia	tratto1	62	BR D	Max WS	SC 200 5h	58.32		58.32		227.87	229.74	229.74	230.45	0.026340	3.74	3.74	15.61	10.96	1.00	1.00
staggia	tratto1	61		Max WS	SC 200 2h	14.98		14.98		227.87	228.78	228.44	228.87	0.004206	1.37	1.37	10.96	13.57	0.49	0.49
staggia	tratto1	61		Max WS	SC 200 3h	20.01		20.01		227.87	228.73	228.56	228.92	0.009152	1.95	1.95	10.27	13.41	0.71	0.71
staggia	tratto1	61		Max WS	SC 200 4h	20.04		60.77		227.87	228.78	229.26	230.33	0.067780	5.51	5.51	11.04	13.58	1.95	1.95
staggia	tratto1	61		Max WS	SC 200 5h	20.03		20.03		227.87	228.73	228.56	228.92	0.009184	1.95	1.95	10.27	13.41	0.71	0.71
staggia	tratto1	60.9				Lat Struct														
staggia	tratto1	60		Max WS	SC 200 2h	56.49		56.49		227.82	229.06	228.77	229.25	0.006169	1.95	1.95	28.98	28.76	0.62	0.62
staggia	tratto1	60		Max WS	SC 200 3h	59.71		59.71		227.82	229.11	228.80	229.31	0.005831	1.96	1.96	30.54	28.90	0.61	0.61
staggia	tratto1	60		Max WS	SC 200 4h	60.77		60.77		227.82	229.13	228.81	229.32	0.005730	1.96	1.96	31.05	28.95	0.60	0.60

River	Reach	River Sta	Profile	Plan	Q Total (m3/s)	Q Left (m3/s)	Q Channel (m3/s)	Q Right (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Total (m/s)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # XS	Froude # Chl
staggia	tratto1	60	Max WS	SC 200 5h	58.32		58.32		227.82	229.09	228.78	229.28	0.005962	1.95	1.95	29.88	28.84	0.61	0.61
staggia	tratto1	59	Max WS	SC 200 2h	56.49		56.49		226.47	229.07	228.15	229.18	0.002494	1.52	1.52	37.16	26.70	0.41	0.41
staggia	tratto1	59	Max WS	SC 200 3h	59.71		59.71		226.47	229.12	228.19	229.24	0.002477	1.55	1.55	38.61	26.86	0.41	0.41
staggia	tratto1	59	Max WS	SC 200 4h	60.77		60.77		226.47	229.14	228.20	229.26	0.002471	1.55	1.55	39.08	26.91	0.41	0.41
staggia	tratto1	59	Max WS	SC 200 5h	58.32		58.32		226.47	229.10	228.17	229.22	0.002481	1.53	1.53	38.00	26.79	0.41	0.41
staggia	tratto1	58	Max WS	SC 200 2h	56.49		56.49		225.81	228.56	228.38	228.94	0.012513	2.71	2.71	20.81	20.69	0.86	0.86
staggia	tratto1	58	Max WS	SC 200 3h	59.71		59.71		225.81	228.60	228.45	228.99	0.012950	2.76	2.76	21.64	22.12	0.87	0.87
staggia	tratto1	58	Max WS	SC 200 4h	60.75		60.75		225.81	228.62	228.47	229.01	0.013059	2.77	2.77	21.93	22.59	0.88	0.88
staggia	tratto1	58	Max WS	SC 200 5h	58.27		58.27		225.81	228.58	228.42	228.97	0.012854	2.75	2.75	21.19	21.35	0.87	0.87
staggia	tratto1	57	Max WS	SC 200 2h	42.60		42.60		225.63	228.09	227.60	228.20	0.003100	1.44	1.44	29.53	34.55	0.44	0.44
staggia	tratto1	57	Max WS	SC 200 3h	42.62		42.62		225.63	228.09	227.60	228.20	0.003104	1.44	1.44	29.53	34.55	0.44	0.44
staggia	tratto1	57	Max WS	SC 200 4h	42.65		42.65		225.63	228.09	227.60	228.20	0.003108	1.44	1.44	29.53	34.55	0.44	0.44
staggia	tratto1	57	Max WS	SC 200 5h	42.66		42.66		225.63	228.09	227.60	228.20	0.003109	1.44	1.44	29.53	34.55	0.44	0.44
staggia	tratto1	56.9			Lat Struct														
staggia	tratto1	56	Max WS	SC 200 2h	55.75		21.05	34.70	224.92	227.28	227.22	227.35	0.002700	1.14	1.41	48.75	91.11	0.39	0.40
staggia	tratto1	56	Max WS	SC 200 3h	43.23		16.26	26.96	224.92	227.29	227.10	227.33	0.001581	0.88	1.08	49.22	91.62	0.30	0.31
staggia	tratto1	56	Max WS	SC 200 4h	51.77		19.50	32.28	224.92	227.29	227.22	227.35	0.002272	1.05	1.30	49.18	91.55	0.36	0.37
staggia	tratto1	56	Max WS	SC 200 5h	51.49		19.41	32.08	224.92	227.29	227.22	227.35	0.002265	1.05	1.30	49.03	91.40	0.36	0.37
staggia	tratto1	55	Max WS	SC 200 2h	61.25		16.83	44.42	224.47	227.17	226.54	227.18	0.000591	0.56	0.67	109.12	106.56	0.18	0.19
staggia	tratto1	55	Max WS	SC 200 3h	58.11		16.40	41.71	224.47	227.13	226.47	227.15	0.000581	0.55	0.67	105.41	104.80	0.18	0.19
staggia	tratto1	55	Max WS	SC 200 4h	54.79		15.60	39.19	224.47	227.12	226.41	227.14	0.000531	0.53	0.64	104.27	104.25	0.17	0.18
staggia	tratto1	55	Max WS	SC 200 5h	55.11		15.70	39.41	224.47	227.12	226.41	227.14	0.000539	0.53	0.64	104.17	104.21	0.17	0.18
staggia	tratto1	53	Max WS	SC 200 2h	93.51		93.51		223.40	226.17	226.28	227.29	0.025939	4.69	4.69	19.93	151.83	1.23	1.23
staggia	tratto1	53	Max WS	SC 200 3h	96.51		96.51		223.40	226.19	226.28	227.36	0.026781	4.79	4.79	20.15	157.80	1.25	1.25
staggia	tratto1	53	Max WS	SC 200 4h	93.54		93.54		223.40	226.17	226.28	227.29	0.025884	4.69	4.69	19.95	152.38	1.22	1.22
staggia	tratto1	53	Max WS	SC 200 5h	87.90		87.90		223.40	226.14	226.28	227.17	0.024306	4.50	4.50	19.52	140.77	1.18	1.18
staggia	tratto1	52	Max WS	SC 200 2h	93.40	52.60	33.83	6.97	222.78	225.85	225.35	225.87	0.000646	0.56	0.79	167.47	191.86	0.21	0.21
staggia	tratto1	52	Max WS	SC 200 3h	96.38	54.66	34.42	7.31	222.78	225.88	225.35	225.90	0.000631	0.56	0.79	172.39	192.78	0.21	0.21
staggia	tratto1	52	Max WS	SC 200 4h	93.53	52.72	33.82	6.99	222.78	225.86	225.35	225.87	0.000641	0.56	0.79	168.05	191.97	0.21	0.21
staggia	tratto1	52	Max WS	SC 200 5h	86.39	47.92	32.24	6.23	222.78	225.80	225.10	225.82	0.000661	0.55	0.78	157.75	190.04	0.21	0.21
staggia	tratto1	51	Max WS	SC 200 2h	93.38	11.03	80.76	1.60	222.16	225.30	225.50	225.92	0.011728	2.36	3.75	39.64	127.77	2.00	0.88
staggia	tratto1	51	Max WS	SC 200 3h	96.36	12.37	82.20	1.79	222.16	225.31	225.50	225.94	0.011916	2.35	3.79	41.05	129.20	1.99	0.88
staggia	tratto1	51	Max WS	SC 200 4h	93.42	10.84	81.00	1.58	222.16	225.29	225.50	225.92	0.011843	2.37	3.76	39.37	127.49	2.02	0.88
staggia	tratto1	51	Max WS	SC 200 5h	87.72	9.16	77.22	1.34	222.16	225.28	225.48	225.87	0.011009	2.32	3.61	37.79	125.87	1.98	0.85
staggia	tratto1	50	Max WS	SC 200 2h	83.93	0.28	52.78	30.86	221.93	224.94	224.88	225.15	0.005764	1.54	2.49	54.66	98.78	0.88	0.60
staggia	tratto1	50	Max WS	SC 200 3h	96.30	0.27	61.48	34.55	221.93	224.92	224.96	225.22	0.008028	1.81	2.93	53.29	97.65	1.05	0.70
staggia	tratto1	50	Max WS	SC 200 4h	91.89	0.43	56.11	35.36	221.93	224.96	224.93	225.20	0.006183	1.60	2.61	57.47	101.03	0.90	0.62
staggia	tratto1	50	Max WS	SC 200 5h	85.81	0.17	56.13	29.51	221.93	224.90	224.89	225.16	0.006985	1.68	2.71	51.11	95.84	0.99	0.65
staggia	tratto1	49	Max WS	SC 200 2h	93.98	32.26	61.47	0.25	221.31	224.58	224.24	224.80	0.004215	1.79	2.40	52.50	54.42	0.67	0.53
staggia	tratto1	49	Max WS	SC 200 3h	96.16	33.49	62.32	0.35	221.31	224.60	224.26	224.82	0.004176	1.79	2.41	53.77	55.53	0.67	0.53
staggia	tratto1	49	Max WS	SC 200 4h	98.47	34.69	63.33	0.45	221.31	224.62	224.28	224.84	0.004182	1.79	2.43	54.86	56.45	0.68	0.53
staggia	tratto1	49	Max WS	SC 200 5h	91.38	31.04	60.15	0.19	221.31	224.56	224.22	224.78	0.004139	1.77	2.37	51.64	53.67	0.67	0.52
staggia	tratto1	48	Max WS	SC 200 2h	93.14	21.50	64.39	7.25	221.03	224.34	224.23	224.57	0.004401	1.62	2.51	57.67	82.11	0.82	0.55
staggia	tratto1	48	Max WS	SC 200 3h	95.89	23.28	64.41	8.20	221.03	224.38	224.25	224.60	0.004141	1.57	2.46	60.93	84.07	0.78	0.54
staggia	tratto1	48	Max WS	SC 200 4h	98.25	24.64	64.68	8.93	221.03	224.40	224.26	224.62	0.003998	1.55	2.44	63.31	85.46	0.76	0.53
staggia	tratto1	48	Max WS	SC 200 5h	91.12	20.16	64.39	6.58	221.03	224.31	224.21	224.55	0.004613	1.65	2.54	55.26	80.63	0.85	0.56



River	Reach	River Sta	Profile	Plan	Q Total	Q Left	Q Channel	Q Right	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Total	Vel Chnl	Flow Area	Top Width	Froude # XS	Froude # Chl
					(m3/s)	(m3/s)	(m3/s)	(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m2)	(m)		
staggia	tratto1	47	Max WS	SC 200 2h	93.11	22.37	56.06	14.68	220.73	224.26	223.98	224.40	0.002546	1.32	2.06	70.48	100.70	0.57	0.43
staggia	tratto1	47	Max WS	SC 200 3h	95.85	24.45	56.04	15.35	220.73	224.30	224.00	224.44	0.002386	1.29	2.02	74.04	102.10	0.54	0.42
staggia	tratto1	47	Max WS	SC 200 4h	98.19	26.00	56.30	15.88	220.73	224.33	224.01	224.47	0.002308	1.28	2.00	76.49	103.05	0.53	0.41
staggia	tratto1	47	Max WS	SC 200 5h	91.07	20.81	56.09	14.16	220.73	224.22	223.97	224.38	0.002676	1.34	2.09	67.82	99.66	0.59	0.44
staggia	tratto1	46	Max WS	SC 200 2h	93.09	18.62	60.70	13.77	220.16	224.05	223.37	224.21	0.001983	1.49	2.03	62.58	57.45	0.46	0.38
staggia	tratto1	46	Max WS	SC 200 3h	95.83	19.92	61.50	14.42	220.16	224.10	223.40	224.26	0.001919	1.48	2.02	64.77	57.87	0.45	0.38
staggia	tratto1	46	Max WS	SC 200 4h	98.20	20.86	62.41	14.92	220.16	224.14	223.42	224.29	0.001908	1.49	2.03	66.12	58.13	0.45	0.38
staggia	tratto1	46	Max WS	SC 200 5h	91.05	17.66	60.11	13.29	220.16	224.02	223.36	224.17	0.002032	1.49	2.03	60.95	57.14	0.47	0.39
staggia	tratto1	45	Max WS	SC 200 2h	93.07	1.20	91.87		220.03	223.54	222.98	224.07	0.006727	3.08	3.22	30.18	23.31	0.81	0.68
staggia	tratto1	45	Max WS	SC 200 3h	95.79	1.52	94.27		220.03	223.59	223.02	224.12	0.006659	3.08	3.24	31.10	24.17	0.81	0.68
staggia	tratto1	45	Max WS	SC 200 4h	98.13	1.84	96.29		220.03	223.63	223.05	224.16	0.006585	3.07	3.25	31.93	24.94	0.81	0.67
staggia	tratto1	45	Max WS	SC 200 5h	91.04	0.99	90.04		220.03	223.51	222.94	224.03	0.006775	3.09	3.21	29.51	22.65	0.80	0.68
staggia	tratto1	44.5			Lat Struct														
staggia	tratto1	44	Max WS	SC 200 2h	93.05		93.05		219.79	223.19	222.49	223.59	0.005690	2.81	2.81	33.08	16.32	0.63	0.63
staggia	tratto1	44	Max WS	SC 200 3h	95.76		95.76		219.79	223.25	222.52	223.65	0.005629	2.82	2.82	33.97	16.57	0.63	0.63
staggia	tratto1	44	Max WS	SC 200 4h	98.06		98.06		219.79	223.29	222.55	223.70	0.005573	2.82	2.82	34.74	16.78	0.63	0.63
staggia	tratto1	44	Max WS	SC 200 5h	91.01		91.01		219.79	223.15	222.45	223.55	0.005739	2.81	2.81	32.41	16.13	0.63	0.63
staggia	tratto1	42	Max WS	SC 200 2h	93.02		93.02		219.11	222.76	221.48	222.99	0.002768	2.11	2.11	44.05	19.28	0.45	0.45
staggia	tratto1	42	Max WS	SC 200 3h	95.72		95.72		219.11	222.82	221.52	223.05	0.002743	2.12	2.12	45.20	19.56	0.44	0.44
staggia	tratto1	42	Max WS	SC 200 4h	98.01		98.01		219.11	222.87	221.55	223.10	0.002702	2.12	2.12	46.18	19.65	0.44	0.44
staggia	tratto1	42	Max WS	SC 200 5h	90.97		90.97		219.11	222.72	221.45	222.94	0.002783	2.11	2.11	43.18	19.04	0.45	0.45
staggia	tratto1	41.9			Lat Struct														
staggia	tratto1	41.5	Max WS	SC 200 2h	93.02		93.02		219.07	222.74	221.14	222.90	0.001715	1.74	1.74	53.32	22.15	0.36	0.36
staggia	tratto1	41.5	Max WS	SC 200 3h	95.72		95.72		219.07	222.80	221.18	222.96	0.001698	1.75	1.75	54.65	22.39	0.36	0.36
staggia	tratto1	41.5	Max WS	SC 200 4h	98.01		98.01		219.07	222.85	221.21	223.01	0.001682	1.76	1.76	55.79	22.60	0.36	0.36
staggia	tratto1	41.5	Max WS	SC 200 5h	90.96		90.96		219.07	222.70	221.11	222.85	0.001728	1.74	1.74	52.31	21.96	0.36	0.36
staggia	tratto1	41.2 BR U	Max WS	SC 200 2h	93.02		93.02		219.07	222.74	221.14	222.90	0.001693	1.75	1.75	53.14	21.47	0.36	0.36
staggia	tratto1	41.2 BR U	Max WS	SC 200 3h	95.72		95.72		219.07	222.80	221.17	222.96	0.001675	1.76	1.76	54.41	21.58	0.35	0.35
staggia	tratto1	41.2 BR U	Max WS	SC 200 4h	98.01		98.01		219.07	222.85	221.20	223.01	0.001658	1.77	1.77	55.50	21.68	0.35	0.35
staggia	tratto1	41.2 BR U	Max WS	SC 200 5h	90.96		90.96		219.07	222.69	221.11	222.85	0.001708	1.74	1.74	52.16	21.38	0.36	0.36
staggia	tratto1	41.2 BR D	Max WS	SC 200 2h	93.02		93.02		219.07	222.74	221.14	222.89	0.001701	1.75	1.75	53.06	21.46	0.36	0.36
staggia	tratto1	41.2 BR D	Max WS	SC 200 3h	95.72		95.72		219.07	222.79	221.17	222.95	0.001682	1.76	1.76	54.33	21.58	0.35	0.35
staggia	tratto1	41.2 BR D	Max WS	SC 200 4h	98.01		98.01		219.07	222.85	221.20	223.00	0.001665	1.77	1.77	55.42	21.68	0.35	0.35
staggia	tratto1	41.2 BR D	Max WS	SC 200 5h	90.96		90.96		219.07	222.69	221.11	222.85	0.001716	1.75	1.75	52.08	21.37	0.36	0.36
staggia	tratto1	41	Max WS	SC 200 2h	93.02		93.02		219.07	222.73	221.14	222.89	0.001732	1.75	1.75	53.13	22.11	0.36	0.36
staggia	tratto1	41	Max WS	SC 200 3h	95.72		95.72		219.07	222.79	221.18	222.95	0.001715	1.76	1.76	54.45	22.36	0.36	0.36
staggia	tratto1	41	Max WS	SC 200 4h	98.01		98.01		219.07	222.84	221.21	223.00	0.001699	1.76	1.76	55.58	22.56	0.36	0.36
staggia	tratto1	41	Max WS	SC 200 5h	90.95		90.95		219.07	222.69	221.11	222.84	0.001745	1.75	1.75	52.12	21.92	0.36	0.36
staggia	tratto1	40	Max WS	SC 200 2h	93.02		93.02		219.06	222.74	220.74	222.87	0.001144	1.55	1.55	59.97	19.56	0.28	0.28
staggia	tratto1	40	Max WS	SC 200 3h	95.72		95.72		219.06	222.80	220.77	222.93	0.001146	1.57	1.57	61.13	19.64	0.28	0.28
staggia	tratto1	40	Max WS	SC 200 4h	98.01		98.01		219.06	222.85	220.79	222.98	0.001147	1.58	1.58	62.11	19.71	0.28	0.28
staggia	tratto1	40	Max WS	SC 200 5h	90.96		90.96		219.06	222.70	220.72	222.82	0.001142	1.54	1.54	59.08	19.50	0.28	0.28
staggia	tratto1	39 BR U	Max WS	SC 200 2h	93.02		93.02		219.06	222.52	220.85	222.83	0.006849	2.46	2.46	37.84	4.51	0.42	0.42
staggia	tratto1	39 BR U	Max WS	SC 200 3h	95.72		95.72		219.06	222.57	220.89	222.89	0.007140	2.52	2.52	38.04	4.51	0.43	0.43
staggia	tratto1	39 BR U	Max WS	SC 200 4h	98.01		98.01		219.06	222.60	220.91	222.94	0.007390	2.57	2.57	38.20	4.51	0.44	0.44

River	Reach	River Sta	Profile	Plan	Q Total (m3/s)	Q Left (m3/s)	Q Channel (m3/s)	Q Right (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Total (m/s)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # XS	Froude # Chl
staggia	tratto1	39 BR U	Max WS	SC 200 5h	90.96		90.96		219.06	222.49	220.83	222.78	0.006629	2.41	2.41	37.68	4.51	0.42	0.42
staggia	tratto1	39 BR D	Max WS	SC 200 2h	93.02		93.02		219.04	222.48	220.83	222.78	0.006809	2.45	2.45	37.91	4.51	0.42	0.42
staggia	tratto1	39 BR D	Max WS	SC 200 3h	95.72		95.72		219.04	222.52	220.87	222.84	0.007104	2.51	2.51	38.10	4.51	0.43	0.43
staggia	tratto1	39 BR D	Max WS	SC 200 4h	98.01		98.01		219.04	222.55	220.89	222.89	0.007357	2.56	2.56	38.26	4.51	0.44	0.44
staggia	tratto1	39 BR D	Max WS	SC 200 5h	90.96		90.96		219.04	222.44	220.81	222.74	0.006588	2.41	2.41	37.76	4.51	0.42	0.42
staggia	tratto1	38	Max WS	SC 200 2h	93.02		93.02		219.04	222.59	220.72	222.72	0.001293	1.62	1.62	57.38	19.24	0.30	0.30
staggia	tratto1	38	Max WS	SC 200 3h	95.71		95.71		219.04	222.64	220.75	222.78	0.001310	1.64	1.64	58.35	19.42	0.30	0.30
staggia	tratto1	38	Max WS	SC 200 4h	97.98		97.98		219.04	222.68	220.77	222.82	0.001320	1.66	1.66	59.16	19.50	0.30	0.30
staggia	tratto1	38	Max WS	SC 200 5h	90.95		90.95		219.04	222.55	220.70	222.68	0.001280	1.61	1.61	56.62	19.10	0.30	0.30
staggia	tratto1	37.5			Lat Struct														
staggia	tratto1	37	Max WS	SC 200 2h	93.00		93.00		219.15	222.56	221.04	222.71	0.001620	1.72	1.72	53.93	79.22	0.35	0.35
staggia	tratto1	37	Max WS	SC 200 3h	95.69		95.69		219.15	222.61	221.08	222.77	0.001619	1.74	1.74	55.08	79.61	0.35	0.35
staggia	tratto1	37	Max WS	SC 200 4h	97.98		97.98		219.15	222.65	221.10	222.81	0.001618	1.75	1.75	56.04	80.05	0.35	0.35
staggia	tratto1	37	Max WS	SC 200 5h	90.93		90.93		219.15	222.52	221.02	222.67	0.001621	1.71	1.71	53.05	78.91	0.35	0.35
staggia	tratto1	36	Max WS	SC 200 2h	92.98		92.98		218.89	221.75	221.52	222.49	0.011178	3.82	3.82	24.34	71.46	0.86	0.86
staggia	tratto1	36	Max WS	SC 200 3h	95.68		95.68		218.89	221.79	221.57	222.54	0.011216	3.85	3.85	24.84	71.73	0.86	0.86
staggia	tratto1	36	Max WS	SC 200 4h	97.92		97.92		218.89	221.82	221.60	222.59	0.011235	3.88	3.88	25.27	71.96	0.87	0.87
staggia	tratto1	36	Max WS	SC 200 5h	90.90		90.90		218.89	221.71	221.50	222.45	0.011144	3.79	3.79	23.95	71.25	0.86	0.86
staggia	tratto1	35.5	Max WS	SC 200 2h	92.98		92.98		217.85	221.68	220.99	222.11	0.005943	2.92	2.92	31.85	19.36	0.64	0.64
staggia	tratto1	35.5	Max WS	SC 200 3h	95.68		95.68		217.85	221.72	221.03	222.16	0.005950	2.94	2.94	32.53	19.57	0.64	0.64
staggia	tratto1	35.5	Max WS	SC 200 4h	97.93		97.93		217.85	221.76	221.06	222.21	0.005948	2.96	2.96	33.10	19.75	0.64	0.64
staggia	tratto1	35.5	Max WS	SC 200 5h	90.91		90.91		217.85	221.64	220.96	222.07	0.005930	2.90	2.90	31.34	19.20	0.64	0.64
staggia	tratto1	35	Max WS	SC 200 2h	92.98		92.98		218.10	221.25	221.03	221.98	0.011434	3.79	3.79	24.51	12.49	0.86	0.86
staggia	tratto1	35	Max WS	SC 200 3h	95.67		95.67		218.10	221.27	221.07	222.03	0.011778	3.86	3.86	24.76	12.55	0.88	0.88
staggia	tratto1	35	Max WS	SC 200 4h	97.90		97.90		218.10	221.28	221.10	222.07	0.012073	3.92	3.92	24.96	12.60	0.89	0.89
staggia	tratto1	35	Max WS	SC 200 5h	90.90		90.90		218.10	221.23	220.99	221.94	0.011175	3.74	3.74	24.31	12.44	0.85	0.85
staggia	tratto1	34.85			Lat Struct														
staggia	tratto1	33	Max WS	SC 200 2h	92.77		92.77		217.61	221.26	220.27	221.42	0.002224	1.74	1.74	53.25	28.28	0.40	0.40
staggia	tratto1	33	Max WS	SC 200 3h	95.42		95.42		217.61	221.29	220.29	221.45	0.002242	1.76	1.76	54.13	28.58	0.41	0.41
staggia	tratto1	33	Max WS	SC 200 4h	97.62		97.62		217.61	221.32	220.32	221.48	0.002256	1.78	1.78	54.86	28.83	0.41	0.41
staggia	tratto1	33	Max WS	SC 200 5h	90.73		90.73		217.61	221.24	220.25	221.39	0.002208	1.73	1.73	52.57	28.04	0.40	0.40
staggia	tratto1	32	Max WS	SC 200 2h	92.77		92.77		217.92	221.15	220.28	221.32	0.002473	1.80	1.80	51.49	31.06	0.43	0.43
staggia	tratto1	32	Max WS	SC 200 3h	95.42		95.42		217.92	221.18	220.30	221.35	0.002488	1.82	1.82	52.36	31.27	0.43	0.43
staggia	tratto1	32	Max WS	SC 200 4h	97.62		97.62		217.92	221.21	220.32	221.38	0.002498	1.84	1.84	53.08	31.44	0.43	0.43
staggia	tratto1	32	Max WS	SC 200 5h	90.72		90.72		217.92	221.13	220.27	221.29	0.002461	1.79	1.79	50.82	30.90	0.42	0.42
staggia	tratto1	31	Max WS	SC 200 2h	92.77		92.77		217.64	220.58	220.50	221.07	0.012836	3.08	3.08	30.14	25.34	0.90	0.90
staggia	tratto1	31	Max WS	SC 200 3h	95.42		95.42		217.64	220.60	220.52	221.10	0.013029	3.12	3.12	30.55	25.41	0.91	0.91
staggia	tratto1	31	Max WS	SC 200 4h	97.61		97.61		217.64	220.61	220.54	221.12	0.013181	3.16	3.16	30.89	25.46	0.92	0.92
staggia	tratto1	31	Max WS	SC 200 5h	90.72		90.72		217.64	220.57	220.48	221.04	0.012677	3.04	3.04	29.82	25.29	0.89	0.89
staggia	tratto1	30	Max WS	SC 200 2h	92.77		92.77		217.45	220.38	220.00	220.55	0.005132	1.84	1.84	50.46	47.57	0.57	0.57
staggia	tratto1	30	Max WS	SC 200 3h	95.41		95.41		217.45	220.40	220.02	220.57	0.005165	1.86	1.86	51.25	47.66	0.57	0.57
staggia	tratto1	30	Max WS	SC 200 4h	97.60		97.60		217.45	220.41	220.04	220.59	0.005192	1.88	1.88	51.91	47.74	0.58	0.58
staggia	tratto1	30	Max WS	SC 200 5h	90.72		90.72		217.45	220.37	219.99	220.54	0.005093	1.82	1.82	49.86	47.49	0.57	0.57
staggia	tratto1	29	Max WS	SC 200 2h	92.75		92.75		217.23	219.93	219.65	220.08	0.007768	1.73	1.73	53.46	75.46	0.66	0.66
staggia	tratto1	29	Max WS	SC 200 3h	95.39		95.39		217.23	219.95	219.66	220.10	0.007883	1.74	1.74	54.98	78.51	0.66	0.66

HEC-RAS Locations: User Defined    Profile: Max WS (Continued)

River	Reach	River Sta	Profile	Plan	Q Total (m3/s)	Q Left (m3/s)	Q Channel (m3/s)	Q Right (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Total (m/s)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # XS	Froude # Chl
staggia	tratto1	29	Max WS	SC 200 4h	97.56		97.56		217.23	219.96	219.67	220.12	0.008015	1.73	1.73	56.27	81.49	0.67	0.67
staggia	tratto1	29	Max WS	SC 200 5h	90.69		90.69		217.23	219.91	219.64	220.06	0.007609	1.74	1.74	52.21	72.42	0.65	0.65
staggia	tratto1	28	Max WS	SC 200 2h	92.74		92.74		217.07	219.73	219.09	219.82	0.002945	1.33	1.33	69.55	69.93	0.43	0.43
staggia	tratto1	28	Max WS	SC 200 3h	95.38		95.38		217.07	219.75	219.10	219.84	0.002932	1.35	1.35	70.87	70.04	0.43	0.43
staggia	tratto1	28	Max WS	SC 200 4h	97.56		97.56		217.07	219.76	219.12	219.86	0.002920	1.36	1.36	71.96	70.12	0.43	0.43
staggia	tratto1	28	Max WS	SC 200 5h	90.68		90.68		217.07	219.71	219.07	219.80	0.002980	1.33	1.33	68.34	69.83	0.43	0.43
staggia	tratto1	27	Max WS	SC 200 2h	92.74		92.74		217.09	219.62	218.97	219.72	0.003151	1.44	1.44	64.59	64.32	0.45	0.45
staggia	tratto1	27	Max WS	SC 200 3h	95.38		95.38		217.09	219.64	218.99	219.75	0.003153	1.45	1.45	65.74	64.80	0.45	0.45
staggia	tratto1	27	Max WS	SC 200 4h	97.55		97.55		217.09	219.65	218.99	219.76	0.003152	1.46	1.46	66.68	65.12	0.45	0.45
staggia	tratto1	27	Max WS	SC 200 5h	90.67		90.67		217.09	219.60	218.95	219.71	0.003159	1.43	1.43	63.63	63.93	0.45	0.45
staggia	tratto1	26	Max WS	SC 200 2h	92.00		92.00		216.91	219.29	219.03	219.48	0.006771	1.93	1.93	47.68	51.62	0.64	0.64
staggia	tratto1	26	Max WS	SC 200 3h	95.36		95.36		216.91	219.30	219.05	219.50	0.006989	1.97	1.97	48.34	51.84	0.65	0.65
staggia	tratto1	26	Max WS	SC 200 4h	97.54		97.54		216.91	219.32	219.06	219.52	0.006973	1.99	1.99	49.13	52.11	0.65	0.65
staggia	tratto1	26	Max WS	SC 200 5h	90.67		90.67		216.91	219.28	219.02	219.47	0.006731	1.92	1.92	47.30	51.49	0.64	0.64
staggia	tratto1	25	Max WS	SC 200 2h	92.69		92.69		215.99	218.74	218.52	218.98	0.009779	2.18	2.18	42.52	50.01	0.75	0.75
staggia	tratto1	25	Max WS	SC 200 3h	95.33		95.33		215.99	218.76	218.55	219.00	0.009706	2.19	2.19	43.44	50.30	0.75	0.75
staggia	tratto1	25	Max WS	SC 200 4h	97.50		97.50		215.99	218.77	218.57	219.02	0.009769	2.22	2.22	44.01	50.47	0.76	0.76
staggia	tratto1	25	Max WS	SC 200 5h	90.65		90.65		215.99	218.71	218.50	218.96	0.010213	2.21	2.21	40.98	48.69	0.77	0.77
staggia	tratto1	24	Max WS	SC 200 2h	92.61		92.61		215.69	218.58	217.97	218.72	0.004992	1.68	1.68	55.16	57.41	0.55	0.55
staggia	tratto1	24	Max WS	SC 200 3h	95.29		95.29		215.69	218.60	217.99	218.75	0.005000	1.70	1.70	56.22	57.73	0.55	0.55
staggia	tratto1	24	Max WS	SC 200 4h	97.43		97.43		215.69	218.61	218.01	218.76	0.005086	1.72	1.72	56.74	57.89	0.55	0.55
staggia	tratto1	24	Max WS	SC 200 5h	90.63		90.63		215.69	218.53	217.95	218.68	0.005542	1.73	1.73	52.45	56.54	0.57	0.57
staggia	tratto1	23	Max WS	SC 200 2h	92.53		92.53		215.45	218.43	217.58	218.49	0.001627	1.09	1.09	85.22	74.25	0.32	0.32
staggia	tratto1	23	Max WS	SC 200 3h	95.25		95.25		215.45	218.45	217.60	218.51	0.001645	1.10	1.10	86.47	74.33	0.33	0.33
staggia	tratto1	23	Max WS	SC 200 4h	97.34		97.34		215.45	218.46	217.62	218.52	0.001694	1.12	1.12	86.85	74.35	0.33	0.33
staggia	tratto1	23	Max WS	SC 200 5h	90.57		90.57		215.45	218.37	217.56	218.43	0.001885	1.13	1.13	80.37	73.95	0.35	0.35
staggia	tratto1	22	Max WS	SC 200 2h	92.48		92.48		214.92	218.29	217.28	218.37	0.001447	1.30	1.30	70.93	42.93	0.32	0.32
staggia	tratto1	22	Max WS	SC 200 3h	95.22		95.22		214.92	218.30	217.30	218.39	0.001502	1.33	1.33	71.41	42.96	0.33	0.33
staggia	tratto1	22	Max WS	SC 200 4h	97.31		97.31		214.92	218.29	217.32	218.39	0.001573	1.36	1.36	71.35	42.96	0.34	0.34
staggia	tratto1	22	Max WS	SC 200 5h	90.55		90.55		214.92	218.20	217.26	218.29	0.001634	1.34	1.34	67.34	42.67	0.34	0.34
staggia	tratto1	21	Max WS	SC 200 2h	92.43		92.43		214.69	218.23	216.98	218.32	0.001094	1.27	1.27	73.01	36.94	0.29	0.29
staggia	tratto1	21	Max WS	SC 200 3h	95.22		95.22		214.69	218.24	217.01	218.33	0.001145	1.30	1.30	73.33	36.97	0.29	0.29
staggia	tratto1	21	Max WS	SC 200 4h	97.29		97.29		214.69	218.24	217.03	218.33	0.001202	1.33	1.33	73.19	36.95	0.30	0.30
staggia	tratto1	21	Max WS	SC 200 5h	90.53		90.53		214.69	218.15	216.97	218.23	0.001209	1.30	1.30	69.72	36.64	0.30	0.30
staggia	tratto1	20	Max WS	SC 200 2h	92.41		92.41		214.30	218.19	216.81	218.26	0.000891	1.18	1.18	78.19	37.61	0.26	0.26
staggia	tratto1	20	Max WS	SC 200 3h	95.22		95.22		214.30	218.20	216.83	218.27	0.000937	1.21	1.21	78.45	37.63	0.27	0.27
staggia	tratto1	20	Max WS	SC 200 4h	97.26		97.26		214.30	218.19	216.85	218.27	0.000987	1.24	1.24	78.19	37.61	0.28	0.28
staggia	tratto1	20	Max WS	SC 200 5h	90.52		90.52		214.30	218.10	216.79	218.17	0.000985	1.21	1.21	74.67	37.29	0.27	0.27
staggia	tratto1	19	Max WS	SC 200 2h	92.33		92.33		214.92	218.04	217.22	218.18	0.002439	1.68	1.68	54.94	48.69	0.42	0.42
staggia	tratto1	19	Max WS	SC 200 3h	95.21		95.21		214.92	218.03	217.24	218.18	0.002619	1.74	1.74	54.77	48.66	0.43	0.43
staggia	tratto1	19	Max WS	SC 200 4h	97.22		97.22		214.92	218.01	217.25	218.17	0.002836	1.80	1.80	54.09	48.53	0.45	0.45
staggia	tratto1	19	Max WS	SC 200 5h	90.47		90.47		214.92	217.91	217.20	218.07	0.002967	1.78	1.78	50.86	47.80	0.46	0.46
staggia	tratto1	18	Max WS	SC 200 2h	92.24	2.97	89.27		214.79	217.91	216.94	218.03	0.001990	1.44	1.54	64.04	82.22	0.44	0.38
staggia	tratto1	18	Max WS	SC 200 3h	95.21	2.85	92.35		214.79	217.89	216.97	218.02	0.002210	1.51	1.61	63.05	82.10	0.46	0.40
staggia	tratto1	18	Max WS	SC 200 4h	97.09	2.48	94.62		214.79	217.85	216.98	217.99	0.002502	1.59	1.69	61.04	81.85	0.49	0.42
staggia	tratto1	18	Max WS	SC 200 5h	90.43	1.30	89.13		214.79	217.74	216.92	217.89	0.002779	1.64	1.71	55.22	79.66	0.52	0.44

River	Reach	River Sta	Profile	Plan	Q Total (m3/s)	Q Left (m3/s)	Q Channel (m3/s)	Q Right (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Total (m/s)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # XS	Froude # Chl
staggia	tratto1	17.99			Lat Struct														
staggia	tratto1	17	Max WS	SC 200 2h	117.64	10.83	106.81		213.74	217.44	217.11	217.69	0.005054	1.99	2.29	59.17	59.27	0.70	0.59
staggia	tratto1	17	Max WS	SC 200 3h	118.13	10.62	107.51		213.74	217.43	217.12	217.68	0.005217	2.01	2.32	58.63	59.21	0.71	0.60
staggia	tratto1	17	Max WS	SC 200 4h	115.60	10.12	105.48		213.74	217.42	217.10	217.67	0.005132	1.99	2.29	58.02	59.14	0.71	0.59
staggia	tratto1	17	Max WS	SC 200 5h	103.54	8.25	95.29		213.74	217.33	217.02	217.56	0.005052	1.95	2.20	53.04	53.05	0.68	0.58
staggia	tratto1	16.75*	Max WS	SC 200 2h	112.94	8.95	103.99		213.43	217.29	216.85	217.52	0.005056	1.95	2.23	57.93	60.95	0.70	0.58
staggia	tratto1	16.75*	Max WS	SC 200 3h	111.67	7.38	104.29		213.43	217.23	216.84	217.49	0.005724	2.05	2.32	54.56	60.55	0.76	0.62
staggia	tratto1	16.75*	Max WS	SC 200 4h	115.22	7.09	108.14		213.43	217.21	216.99	217.50	0.006413	2.16	2.44	53.42	60.41	0.81	0.65
staggia	tratto1	16.75*	Max WS	SC 200 5h	103.31	3.90	99.41		213.43	217.11	216.77	217.40	0.006781	2.18	2.41	47.47	59.68	0.85	0.67
staggia	tratto1	16.50			Lat Struct														
staggia	tratto1	16.30	Max WS	SC 200 2h	158.44	1.53	104.64	52.27	213.29	216.92	216.51	217.11	0.004340	1.68	2.23	94.04	110.34	0.67	0.55
staggia	tratto1	16.30	Max WS	SC 200 3h	149.45	1.01	100.41	48.02	213.29	216.88	216.45	217.07	0.004309	1.66	2.19	90.00	108.79	0.67	0.55
staggia	tratto1	16.30	Max WS	SC 200 4h	147.06	0.73	99.97	46.36	213.29	216.86	216.45	217.05	0.004497	1.68	2.21	87.32	108.05	0.69	0.56
staggia	tratto1	16.30	Max WS	SC 200 5h	129.70		92.95	36.75	213.29	216.75	216.33	216.94	0.004928	1.72	2.21	75.56	105.48	0.66	0.58
staggia	tratto1	16.25*	Max WS	SC 200 2h	158.44	1.44	104.99	52.01	213.29	216.91	216.51	217.11	0.004435	1.70	2.25	93.23	110.04	0.68	0.56
staggia	tratto1	16.25*	Max WS	SC 200 3h	149.45	0.93	100.76	47.76	213.29	216.88	216.46	217.07	0.004405	1.68	2.21	89.20	108.48	0.68	0.56
staggia	tratto1	16.25*	Max WS	SC 200 4h	147.03	0.64	100.34	46.05	213.29	216.85	216.45	217.05	0.004609	1.70	2.23	86.43	107.91	0.70	0.57
staggia	tratto1	16.25*	Max WS	SC 200 5h	129.70		93.37	36.33	213.29	216.74	216.35	216.94	0.005014	1.73	2.23	74.94	104.20	0.67	0.58
staggia	tratto2	16	Max WS	SC 200 2h	187.34	3.89	125.95	57.50	212.80	216.73	216.31	216.97	0.004556	1.88	2.44	99.88	98.36	0.68	0.58
staggia	tratto2	16	Max WS	SC 200 3h	178.60	3.35	122.06	53.19	212.80	216.69	216.31	216.92	0.004494	1.86	2.42	95.97	96.15	0.68	0.57
staggia	tratto2	16	Max WS	SC 200 4h	174.55	3.12	120.08	51.35	212.80	216.68	216.31	216.90	0.004468	1.85	2.41	94.25	95.27	0.68	0.57
staggia	tratto2	16	Max WS	SC 200 5h	155.23	2.08	109.85	43.31	212.80	216.59	216.15	216.80	0.004291	1.81	2.31	85.90	89.87	0.67	0.56
staggia	tratto2	15	Max WS	SC 200 2h	187.16	0.61	112.16	74.38	212.68	216.49	216.26	216.68	0.003646	1.59	2.28	117.35	125.44	0.63	0.52
staggia	tratto2	15	Max WS	SC 200 3h	178.50	0.39	109.17	68.93	212.68	216.45	216.26	216.64	0.003683	1.58	2.27	112.68	123.76	0.63	0.52
staggia	tratto2	15	Max WS	SC 200 4h	174.51	0.32	107.60	66.59	212.68	216.44	216.26	216.62	0.003670	1.57	2.25	110.87	123.10	0.63	0.52
staggia	tratto2	15	Max WS	SC 200 5h	155.22	0.09	100.29	54.84	212.68	216.36	216.09	216.53	0.003692	1.54	2.19	101.01	115.82	0.64	0.52
staggia	tratto2	14	Max WS	SC 200 2h	187.51	16.21	95.53	75.77	212.89	216.32	215.98	216.46	0.002762	1.36	2.08	137.64	140.07	0.53	0.46
staggia	tratto2	14	Max WS	SC 200 3h	178.57	14.64	92.80	71.13	212.89	216.29	215.95	216.42	0.002756	1.34	2.06	132.79	139.15	0.53	0.46
staggia	tratto2	14	Max WS	SC 200 4h	174.98	14.03	91.66	69.28	212.89	216.27	215.95	216.41	0.002750	1.34	2.05	130.89	138.78	0.54	0.46
staggia	tratto2	14	Max WS	SC 200 5h	155.63	10.85	85.36	59.41	212.89	216.20	215.88	216.33	0.002705	1.29	1.98	120.43	136.76	0.54	0.45
staggia	tratto2	13	Max WS	SC 200 2h	187.44		125.79	61.65	212.81	216.15	215.78	216.26	0.003264	1.40	1.67	133.76	145.36	0.48	0.47
staggia	tratto2	13	Max WS	SC 200 3h	178.50		121.02	57.49	212.81	216.11	215.76	216.22	0.003310	1.38	1.65	128.98	144.69	0.48	0.47
staggia	tratto2	13	Max WS	SC 200 4h	174.94		119.10	55.84	212.81	216.10	215.75	216.21	0.003326	1.38	1.64	127.09	144.42	0.48	0.47
staggia	tratto2	13	Max WS	SC 200 5h	155.61		108.70	46.92	212.81	216.02	215.70	216.12	0.003447	1.34	1.60	116.31	142.86	0.49	0.47
staggia	tratto2	12.9			Lat Struct														
staggia	tratto2	12.1	Max WS	SC 200 2h	187.38		94.49	92.90	212.65	215.86	215.54	216.01	0.003902	1.56	1.99	120.14	166.15	0.52	0.52
staggia	tratto2	12.1	Max WS	SC 200 3h	178.49		91.38	87.12	212.65	215.82	215.54	215.97	0.003981	1.54	1.98	115.55	165.40	0.53	0.52
staggia	tratto2	12.1	Max WS	SC 200 4h	174.92		90.12	84.80	212.65	215.81	215.53	215.95	0.004013	1.54	1.97	113.72	165.09	0.53	0.52
staggia	tratto2	12.1	Max WS	SC 200 5h	155.61		83.03	72.57	212.65	215.72	215.45	215.86	0.004124	1.49	1.93	104.25	163.52	0.54	0.53
staggia	tratto2	12	Max WS	SC 200 2h	185.69		120.81	64.88	212.62	215.53	215.51	215.94	0.012687	2.65	3.17	70.13	125.10	0.93	0.91
staggia	tratto2	12	Max WS	SC 200 3h	177.22		117.50	59.72	212.62	215.49	215.51	215.90	0.012864	2.64	3.19	67.01	122.55	0.94	0.92
staggia	tratto2	12	Max WS	SC 200 4h	173.57		116.25	57.33	212.62	215.48	215.51	215.89	0.012736	2.64	3.20	65.87	121.64	0.95	0.91
staggia	tratto2	12	Max WS	SC 200 5h	154.80		109.68	45.12	212.62	215.38	215.43	215.81	0.012989	2.63	3.27	58.79	117.55	1.00	0.92
staggia	tratto2	11.9			Lat Struct														

River	Reach	River Sta	Profile	Plan	Q Total (m3/s)	Q Left (m3/s)	Q Channel (m3/s)	Q Right (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Total (m/s)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # XS	Froude # Chl
staggia	tratto2	11	Max WS	SC 200 2h	185.41		131.71	53.69	212.47	215.53	215.09	215.69	0.002790	1.61	2.02	114.85	141.99	0.50	0.46
staggia	tratto2	11	Max WS	SC 200 3h	176.85		127.20	49.65	212.47	215.49	215.06	215.65	0.002774	1.59	1.99	111.28	141.39	0.51	0.46
staggia	tratto2	11	Max WS	SC 200 4h	173.26		125.18	48.08	212.47	215.47	215.05	215.63	0.002750	1.57	1.97	110.01	141.19	0.51	0.46
staggia	tratto2	11	Max WS	SC 200 5h	154.35		114.92	39.43	212.47	215.38	214.84	215.53	0.002702	1.51	1.90	101.90	139.77	0.51	0.45
staggia	tratto2	10	Max WS	SC 200 2h	185.16		152.68	32.48	211.55	215.27	215.21	215.67	0.006241	2.34	3.04	79.27	135.15	0.90	0.68
staggia	tratto2	10	Max WS	SC 200 3h	176.91		148.25	28.66	211.55	215.23	215.18	215.63	0.006160	2.32	3.00	76.40	134.27	0.91	0.67
staggia	tratto2	10	Max WS	SC 200 4h	174.77		147.19	27.58	211.55	215.22	215.17	215.62	0.006159	2.31	3.00	75.52	134.00	0.92	0.67
staggia	tratto2	10	Max WS	SC 200 5h	155.50		136.05	19.45	211.55	215.14	214.49	215.52	0.005866	2.26	2.89	68.84	131.93	0.93	0.65
staggia	tratto2	9	Max WS	SC 200 2h	192.98		108.06	84.93	211.25	215.13	214.92	215.39	0.005085	2.00	2.69	96.56	123.53	0.66	0.61
staggia	tratto2	9	Max WS	SC 200 3h	183.61		104.14	79.47	211.25	215.10	214.89	215.35	0.004894	1.94	2.63	94.45	118.76	0.65	0.59
staggia	tratto2	9	Max WS	SC 200 4h	180.92		103.13	77.79	211.25	215.09	214.88	215.34	0.004870	1.93	2.62	93.62	116.89	0.65	0.59
staggia	tratto2	9	Max WS	SC 200 5h	160.79		94.98	65.81	211.25	215.02	214.71	215.25	0.004566	1.83	2.50	88.00	99.27	0.64	0.57
staggia	tratto2	8	Max WS	SC 200 2h	192.95		97.14	95.81	211.19	215.01	214.96	215.21	0.005235	1.61	2.59	119.91	198.74	0.73	0.61
staggia	tratto2	8	Max WS	SC 200 3h	183.54		95.36	88.18	211.19	214.98	214.96	215.19	0.005146	1.59	2.58	115.73	197.15	0.74	0.60
staggia	tratto2	8	Max WS	SC 200 4h	180.78		95.35	85.42	211.19	214.97	214.96	215.18	0.005192	1.59	2.60	113.76	195.87	0.75	0.61
staggia	tratto2	8	Max WS	SC 200 5h	160.77		96.75	64.02	211.19	214.88	214.94	215.13	0.004875	1.59	2.75	101.17	182.10	0.86	0.60
staggia	tratto2	7	Max WS	SC 200 2h	192.88	28.58	115.94	48.36	210.78	214.77	214.37	214.93	0.002341	1.16	2.22	166.49	252.62	0.70	0.44
staggia	tratto2	7	Max WS	SC 200 3h	183.49	26.32	112.25	44.93	210.78	214.75	214.60	214.91	0.002242	1.13	2.16	162.26	251.81	0.69	0.43
staggia	tratto2	7	Max WS	SC 200 4h	180.61	25.09	112.32	43.20	210.78	214.74	214.57	214.89	0.002289	1.14	2.18	158.36	251.06	0.71	0.43
staggia	tratto2	7	Max WS	SC 200 5h	160.57	15.15	116.45	28.97	210.78	214.60	214.29	214.81	0.002961	1.30	2.39	123.86	244.30	0.92	0.49
staggia	tratto2	6	Max WS	SC 200 2h	192.78	15.89	122.85	54.05	210.63	214.48	214.18	214.72	0.003844	1.41	2.68	136.52	239.79	0.93	0.55
staggia	tratto2	6	Max WS	SC 200 3h	183.35	13.36	121.46	48.53	210.63	214.44	214.14	214.69	0.003951	1.43	2.69	127.84	236.73	0.97	0.56
staggia	tratto2	6	Max WS	SC 200 4h	180.60	12.37	118.04	50.18	210.63	214.43	214.14	214.67	0.003785	1.44	2.62	125.55	219.31	0.92	0.54
staggia	tratto2	6	Max WS	SC 200 5h	160.53	6.02	100.53	53.98	210.63	214.32	214.03	214.51	0.003210	1.50	2.34	106.79	158.29	0.76	0.50
staggia	tratto2	5	Max WS	SC 200 2h	195.29	22.72	117.76	54.82	210.19	214.10	213.75	214.28	0.002797	1.48	2.36	132.27	135.87	0.62	0.48
staggia	tratto2	5	Max WS	SC 200 3h	186.46	20.47	115.86	50.14	210.19	214.05	213.71	214.24	0.002890	1.48	2.36	125.71	134.59	0.64	0.48
staggia	tratto2	5	Max WS	SC 200 4h	184.08	19.86	115.35	48.87	210.19	214.03	213.69	214.23	0.002918	1.49	2.37	123.91	134.24	0.65	0.48
staggia	tratto2	5	Max WS	SC 200 5h	163.69	14.77	110.82	38.10	210.19	213.92	213.61	214.12	0.003181	1.51	2.39	108.16	130.64	0.71	0.50
staggia	tratto2	4	Max WS	SC 200 2h	195.06	5.78	72.65	116.64	210.00	213.84	213.13	213.93	0.001631	1.19	1.71	163.91	124.27	0.37	0.36
staggia	tratto2	4	Max WS	SC 200 3h	186.35	5.03	71.19	110.13	210.00	213.78	213.10	213.87	0.001704	1.19	1.72	156.59	123.56	0.38	0.36
staggia	tratto2	4	Max WS	SC 200 4h	183.98	4.84	70.79	108.36	210.00	213.77	213.09	213.86	0.001725	1.19	1.72	154.59	123.37	0.38	0.36
staggia	tratto2	4	Max WS	SC 200 5h	163.61	3.25	67.28	93.08	210.00	213.63	213.04	213.72	0.001924	1.19	1.74	137.45	121.65	0.41	0.38
staggia	tratto2	3	Max WS	SC 200 2h	195.01	0.79	158.72	35.50	208.39	212.75	212.49	213.29	0.006041	2.88	3.53	67.66	42.45	0.82	0.69
staggia	tratto2	3	Max WS	SC 200 3h	186.32	0.68	153.25	32.39	208.39	212.69	212.43	213.22	0.006061	2.86	3.48	65.22	41.84	0.83	0.69
staggia	tratto2	3	Max WS	SC 200 4h	183.93	0.65	151.72	31.57	208.39	212.67	212.42	213.20	0.006063	2.85	3.47	64.56	41.67	0.83	0.69
staggia	tratto2	3	Max WS	SC 200 5h	163.58	0.42	138.31	24.84	208.39	212.54	212.29	213.03	0.006026	2.77	3.34	59.03	40.20	0.82	0.68

HEC-RAS    Profile: Max WS

River	Reach	River Sta		Profile	Plan	Q Total	Q Culv Group	Q Weir	Culv Inv El Up	Min El Weir Flow	W.S. US.	E.G. US.	E.G. IC	E.G. OC	Q Culv Group	Culv Vel US
						(m3/s)	(m3/s)	(m3/s)	(m)	(m)	(m)	(m)	(m)	(m)	(m3/s)	(m/s)
staggia	tratto1	83	Culvert #1	Max WS	SC 200 2h	56.61	56.61		231.10	236.05	235.53	235.71	235.71	235.28	56.61	4.40
staggia	tratto1	83	Culvert #1	Max WS	SC 200 3h	59.88	59.88		231.10	236.05	235.79	235.97	235.97	235.49	59.88	4.65
staggia	tratto1	83	Culvert #1	Max WS	SC 200 4h	60.98	60.97	0.00	231.10	236.05	235.87	236.06	236.06	235.56	60.97	4.73
staggia	tratto1	83	Culvert #1	Max WS	SC 200 5h	58.47	58.47		231.10	236.05	235.67	235.85	235.85	235.40	58.47	4.54

River	Reach	River Sta	Profile	Plan	Q US	Q Leaving Total	Q DS	Q Weir	Wr Top Width	Weir Max Depth	Weir Avg Depth	Min El Weir Flow	E.G. US.	W.S. US.	E.G. DS	W.S. DS
					(m3/s)	(m3/s)	(m3/s)	(m3/s)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)
staggia	tratto1	71.49	Max WS	SC 200 2h	56.61	0.11	56.49	0.11	2.75	0.21	0.10	231.90	232.80	232.57	232.52	232.11
staggia	tratto1	71.49	Max WS	SC 200 3h	59.88	0.17	59.71	0.17	4.25	0.24	0.09	231.90	232.89	232.69	232.59	232.14
staggia	tratto1	71.49	Max WS	SC 200 4h	60.98	0.20	60.77	0.20	5.94	0.25	0.08	231.90	232.93	232.73	232.61	232.15
staggia	tratto1	71.49	Max WS	SC 200 5h	58.46	0.14	58.32	0.14	3.01	0.23	0.11	231.90	232.84	232.64	232.56	232.13
staggia	tratto1	65.9	Max WS	SC 200 2h	56.49	0.00	56.49	0.00				231.22	231.35	230.16	230.58	230.47
staggia	tratto1	65.9	Max WS	SC 200 3h	59.71	0.00	59.71	0.00				231.22	231.47	230.24	230.66	230.55
staggia	tratto1	65.9	Max WS	SC 200 4h	60.77	0.00	60.77	0.00				231.22	231.51	230.27	230.69	230.58
staggia	tratto1	65.9	Max WS	SC 200 5h	58.32	0.00	58.32	0.00				231.22	231.42	230.20	230.62	230.51
staggia	tratto1	60.9	Max WS	SC 200 2h	14.98	-0.11	42.60	-0.11	22.45	0.04	0.03	230.83	228.87	228.78	228.20	228.09
staggia	tratto1	60.9	Max WS	SC 200 3h	20.01	-0.17	42.62	-0.17	24.49	0.05	0.03	230.83	228.92	228.73	228.20	228.09
staggia	tratto1	60.9	Max WS	SC 200 4h	20.04	-0.20	42.65	-0.20	25.59	0.05	0.04	230.83	228.95	228.78	228.20	228.09
staggia	tratto1	60.9	Max WS	SC 200 5h	20.03	-0.14	42.66	-0.14	23.62	0.05	0.03	230.83	228.92	228.73	228.20	228.09
staggia	tratto1	56.9	Max WS	SC 200 2h	42.60	0.00	93.51	0.00				231.11	228.20	228.09	227.29	226.17
staggia	tratto1	56.9	Max WS	SC 200 3h	42.62	0.00	96.51	0.00				231.11	228.20	228.09	227.36	226.19
staggia	tratto1	56.9	Max WS	SC 200 4h	42.65	0.00	93.54	0.00				231.11	228.20	228.09	227.29	226.17
staggia	tratto1	56.9	Max WS	SC 200 5h	42.66	0.00	87.90	0.00				231.11	228.20	228.09	227.17	226.14
staggia	tratto1	44.5	Max WS	SC 200 2h	93.07	0.00	93.02	0.00				223.43	224.07	223.54	222.99	222.76
staggia	tratto1	44.5	Max WS	SC 200 3h	95.79	0.00	95.72	0.00				223.43	224.12	223.59	223.05	222.82
staggia	tratto1	44.5	Max WS	SC 200 4h	98.13	0.00	98.01	0.00				223.43	224.16	223.63	223.10	222.87
staggia	tratto1	44.5	Max WS	SC 200 5h	91.04	0.00	90.97	0.00				223.43	224.03	223.51	222.94	222.72
staggia	tratto1	41.9	Max WS	SC 200 2h	93.02	0.00	93.02	0.00				223.73	222.99	222.76	222.90	222.74
staggia	tratto1	41.9	Max WS	SC 200 3h	95.72	0.00	95.72	0.00				223.73	223.05	222.82	222.96	222.80
staggia	tratto1	41.9	Max WS	SC 200 4h	98.01	0.00	98.01	0.00				223.73	223.10	222.87	223.01	222.85
staggia	tratto1	41.9	Max WS	SC 200 5h	90.97	0.00	90.96	0.00				223.73	222.94	222.72	222.85	222.70
staggia	tratto1	37.5	Max WS	SC 200 2h	93.02	0.00	92.98	0.00				222.00	222.72	222.59	221.98	221.25
staggia	tratto1	37.5	Max WS	SC 200 3h	95.71	0.00	95.67	0.00				222.00	222.78	222.64	222.03	221.27
staggia	tratto1	37.5	Max WS	SC 200 4h	97.98	0.00	97.90	0.00				222.00	222.82	222.68	222.07	221.28
staggia	tratto1	37.5	Max WS	SC 200 5h	90.95	0.00	90.90	0.00				222.00	222.68	222.55	221.94	221.23
staggia	tratto1	34.85	Max WS	SC 200 2h	92.98	0.20	92.77	0.20	3.54	0.25	0.13	221.00	221.98	221.25	221.42	221.26
staggia	tratto1	34.85	Max WS	SC 200 3h	95.67	0.25	95.42	0.25	3.84	0.28	0.14	221.00	222.03	221.27	221.45	221.29
staggia	tratto1	34.85	Max WS	SC 200 4h	97.90	0.28	97.62	0.28	4.09	0.29	0.15	221.00	222.07	221.28	221.48	221.32
staggia	tratto1	34.85	Max WS	SC 200 5h	90.90	0.17	90.73	0.17	3.29	0.24	0.12	221.00	221.94	221.23	221.39	221.24
staggia	tratto1	17.99	Max WS	SC 200 2h	92.24	-27.03	117.64	-27.03	72.36	0.90	0.45	216.85	218.03	217.91	217.69	217.44
staggia	tratto1	17.99	Max WS	SC 200 3h	95.21	-23.31	118.13	-23.31	69.00	0.86	0.43	216.85	218.02	217.89	217.68	217.43
staggia	tratto1	17.99	Max WS	SC 200 4h	97.09	-18.44	115.60	-18.44	65.39	0.82	0.41	216.85	217.99	217.85	217.67	217.42
staggia	tratto1	17.99	Max WS	SC 200 5h	90.43	-13.10	103.54	-13.10	57.03	0.71	0.36	216.85	217.89	217.74	217.56	217.33
staggia	tratto1	16.50	Max WS	SC 200 2h	112.94	1.12	158.44	1.12	34.23	0.18	0.09	216.95	217.35	217.13	217.11	216.92
staggia	tratto1	16.50	Max WS	SC 200 3h	111.67	0.56	149.45	0.56	26.49	0.13	0.07	216.95	217.31	217.08	217.07	216.88
staggia	tratto1	16.50	Max WS	SC 200 4h	115.22	0.35	147.06	0.35	21.82	0.11	0.06	216.95	217.31	217.06	217.05	216.86
staggia	tratto1	16.50	Max WS	SC 200 5h	103.31	0.00	129.70	0.00	1.19	0.01	0.00	216.95	217.20	216.96	216.94	216.75
staggia	tratto2	12.9	Max WS	SC 200 2h	187.44	1.53	185.69	1.53	7.79	0.58	0.29	214.95	216.26	216.15	215.94	215.53

River	Reach	River Sta	Profile	Plan	Q US	Q Leaving Total	Q DS	Q Weir	Wr Top Width	Weir Max Depth	Weir Avg Depth	Min EI Weir Flow	E.G. US.	W.S. US.	E.G. DS	W.S. DS
					(m3/s)	(m3/s)	(m3/s)	(m3/s)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)
staggia	tratto2	12.9	Max WS	SC 200 3h	178.50	1.27	177.22	1.27	7.25	0.54	0.27	214.95	216.22	216.11	215.90	215.49
staggia	tratto2	12.9	Max WS	SC 200 4h	174.94	1.18	173.57	1.18	7.03	0.53	0.26	214.95	216.21	216.10	215.89	215.48
staggia	tratto2	12.9	Max WS	SC 200 5h	155.61	0.71	154.80	0.71	5.82	0.43	0.21	214.95	216.12	216.02	215.81	215.38
staggia	tratto2	11.9	Max WS	SC 200 2h	185.69	0.02	185.16	0.02	48.50	0.71	0.22	214.82	215.94	215.53	215.67	215.29
staggia	tratto2	11.9	Max WS	SC 200 3h	177.22	-0.54	176.91	-0.54	17.90	0.67	0.51	214.82	215.90	215.49	215.63	215.26
staggia	tratto2	11.9	Max WS	SC 200 4h	173.57	-0.21	174.77	-0.21	17.90	0.65	0.49	214.82	215.89	215.48	215.62	215.25
staggia	tratto2	11.9	Max WS	SC 200 5h	154.80	-0.54	155.50	-0.54	15.40	0.56	0.47	214.82	215.81	215.38	215.52	215.16
ruota	tratto1	488.91	Max WS	SC 200 2h	53.35	20.01	23.11	20.01	110.87	0.41	0.29	225.33	227.38	226.42	225.50	225.28
ruota	tratto1	488.91	Max WS	SC 200 3h	47.86	17.50	21.43	17.50	105.90	0.39	0.27	225.33	227.21	226.39	225.45	225.25
ruota	tratto1	488.91	Max WS	SC 200 4h	42.07	14.94	19.63	14.94	100.30	0.36	0.25	225.33	227.04	226.36	225.39	225.21
ruota	tratto1	488.91	Max WS	SC 200 5h	35.18	12.57	17.59	12.57	92.68	0.35	0.24	225.33	226.84	226.32	225.31	225.16
ruota	tratto1	488.9	Max WS	SC 200 2h	53.35	10.03	23.09	10.03	123.00	0.34	0.18	225.67	227.38	226.42	225.66	225.40
ruota	tratto1	488.9	Max WS	SC 200 3h	47.86	8.84	21.43	8.84	117.84	0.31	0.16	225.67	227.21	226.39	225.60	225.36
ruota	tratto1	488.9	Max WS	SC 200 4h	42.07	7.45	19.62	7.45	101.85	0.28	0.15	225.67	227.04	226.36	225.53	225.31
ruota	tratto1	488.9	Max WS	SC 200 5h	35.18	6.03	17.59	6.03	76.90	0.24	0.17	225.67	226.84	226.32	225.44	225.25
ruota	tratto1	479	Max WS	SC 200 2h	23.09	9.49	24.13	9.49	41.52	0.60	0.33	224.67	225.66	225.40	225.28	225.19
ruota	tratto1	479	Max WS	SC 200 3h	21.43	8.08	23.06	8.08	40.90	0.56	0.30	224.67	225.60	225.36	225.24	225.15
ruota	tratto1	479	Max WS	SC 200 4h	19.62	6.58	21.86	6.58	38.66	0.51	0.27	224.67	225.53	225.31	225.19	225.11
ruota	tratto1	479	Max WS	SC 200 5h	17.59	4.95	20.23	4.95	35.76	0.46	0.23	224.67	225.44	225.25	225.13	225.06
ruota	tratto1	465	Max WS	SC 200 2h	23.11	-10.42	24.13	-10.42	50.24	0.50	0.30	224.78	225.50	225.28	225.28	225.19
ruota	tratto1	465	Max WS	SC 200 3h	21.43	-9.54	23.06	-9.54	48.58	0.46	0.27	224.78	225.45	225.25	225.24	225.15
ruota	tratto1	465	Max WS	SC 200 4h	19.63	-8.80	21.86	-8.80	46.56	0.42	0.24	224.78	225.39	225.21	225.19	225.11
ruota	tratto1	465	Max WS	SC 200 5h	17.59	-7.59	20.23	-7.59	43.83	0.37	0.20	224.78	225.31	225.16	225.13	225.06
ruota	tratto1	429	Max WS	SC 200 2h	24.12	0.00	33.43	0.00	1.03	0.01	0.00	223.29	224.20	223.85	223.36	223.30
ruota	tratto1	429	Max WS	SC 200 3h	23.06	0.00	30.78	0.00				223.29	224.15	223.80	223.31	223.25
ruota	tratto1	429	Max WS	SC 200 4h	21.86	0.00	27.95	0.00				223.29	224.08	223.73	223.26	223.19
ruota	tratto1	429	Max WS	SC 200 5h	20.23	0.00	24.58	0.00				223.29	223.99	223.63	223.21	223.12
ruota	tratto1	428.4	Max WS	SC 200 2h	24.12	-9.33	33.45	-9.33	59.08	0.45	0.26	224.83	223.89	223.87	223.80	223.71
ruota	tratto1	428.4	Max WS	SC 200 3h	23.05	-7.72	30.79	-7.72	55.12	0.41	0.24	224.83	223.84	223.81	223.77	223.67
ruota	tratto1	428.4	Max WS	SC 200 4h	21.86	-6.08	27.95	-6.08	50.60	0.37	0.21	224.83	223.78	223.75	223.74	223.62
ruota	tratto1	428.4	Max WS	SC 200 5h	20.23	-4.36	24.58	-4.36	45.77	0.32	0.18	224.83	223.69	223.64	223.72	223.53
ruota	tratto1	385	Max WS	SC 200 2h	33.43	0.36	33.06	0.36	8.89	0.15	0.11	222.62	223.36	223.30	222.89	222.77
ruota	tratto1	385	Max WS	SC 200 3h	30.78	0.27	30.51	0.27	8.08	0.12	0.10	222.62	223.31	223.25	222.85	222.74
ruota	tratto1	385	Max WS	SC 200 4h	27.95	0.14	27.81	0.14	8.00	0.09	0.06	222.62	223.26	223.19	222.80	222.71
ruota	tratto1	385	Max WS	SC 200 5h	24.58	0.02	24.56	0.02	7.17	0.03	0.02	222.62	223.21	223.12	222.74	222.65
ruota	tratto1	355	Max WS	SC 200 2h	33.06	7.83	25.22	7.83	145.49	0.19	0.14	221.90	222.89	222.77	221.93	221.70
ruota	tratto1	355	Max WS	SC 200 3h	30.51	6.39	24.12	6.39	138.29	0.18	0.13	221.90	222.85	222.74	221.90	221.66
ruota	tratto1	355	Max WS	SC 200 4h	27.81	4.72	23.09	4.72	130.08	0.16	0.11	221.90	222.80	222.71	221.87	221.63
ruota	tratto1	355	Max WS	SC 200 5h	24.56	3.32	21.80	3.32	117.93	0.15	0.08	221.90	222.74	222.65	221.83	221.58
ruota	tratto1	325	Max WS	SC 200 2h	24.60	0.00	25.20	0.00				221.70	221.93	221.70	221.42	221.14
ruota	tratto1	325	Max WS	SC 200 3h	23.67	0.00	24.11	0.00				221.70	221.90	221.66	221.39	221.11



River	Reach	River Sta	Profile	Plan	Q US	Q Leaving Total	Q DS	Q Weir	Wr Top Width	Weir Max Depth	Weir Avg Depth	Min El Weir Flow	E.G. US.	W.S. US.	E.G. DS	W.S. DS
					(m3/s)	(m3/s)	(m3/s)	(m3/s)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)
ruota	tratto1	325	Max WS	SC 200 4h	22.83	0.00	23.04	0.00				221.70	221.87	221.63	221.36	221.10
ruota	tratto1	325	Max WS	SC 200 5h	21.74	0.00	21.80	0.00				221.70	221.83	221.58	221.31	221.06
ruota	tratto1	305	Max WS	SC 200 2h	25.22	0.00	26.12	0.00				221.19	221.42	221.14	220.24	219.13
ruota	tratto1	305	Max WS	SC 200 3h	24.12	0.00	29.04	0.00				221.19	221.39	221.11	219.95	219.21
ruota	tratto1	305	Max WS	SC 200 4h	23.09	0.00	29.04	0.00				221.19	221.36	221.10	219.95	219.21
ruota	tratto1	305	Max WS	SC 200 5h	21.80	0.00	29.04	0.00				221.19	221.31	221.06	219.95	219.21
ruota	tratto1	245	Max WS	SC 200 2h	26.12	-0.31	31.26	-0.31	24.12	0.09	0.05	219.80	220.24	219.13	218.53	218.39
ruota	tratto1	245	Max WS	SC 200 3h	29.04	-0.11	29.48	-0.11	17.42	0.06	0.03	219.80	219.95	219.21	218.51	218.36
ruota	tratto1	245	Max WS	SC 200 4h	29.04	0.00	27.73	0.00	5.04	0.02	0.01	219.80	219.95	219.21	218.49	218.34
ruota	tratto1	245	Max WS	SC 200 5h	29.04	0.00	25.69	0.00				219.80	219.95	219.21	218.46	218.30
ruota	tratto1	195	Max WS	SC 200 2h	30.98	0.00	31.26	0.00				219.60	218.53	218.39	218.24	218.15
ruota	tratto1	195	Max WS	SC 200 3h	29.37	0.00	29.48	0.00				219.60	218.51	218.36	218.21	218.12
ruota	tratto1	195	Max WS	SC 200 4h	27.73	0.00	27.73	0.00				219.60	218.49	218.34	218.18	218.09
ruota	tratto1	195	Max WS	SC 200 5h	25.69	0.00	25.69	0.00				219.60	218.46	218.30	218.15	218.06
ruota	tratto1	165	Max WS	SC 200 2h	31.26	0.00	30.94	0.00				219.30	218.24	218.15	217.78	217.73
ruota	tratto1	165	Max WS	SC 200 3h	29.48	0.00	29.47	0.00				219.30	218.21	218.12	217.74	217.69
ruota	tratto1	165	Max WS	SC 200 4h	27.73	0.00	27.71	0.00				219.30	218.18	218.09	217.69	217.64
ruota	tratto1	165	Max WS	SC 200 5h	25.69	0.00	25.68	0.00				219.30	218.15	218.06	217.60	217.52
ruota	tratto1	125	Max WS	SC 200 2h	30.94	0.00	30.79	0.00				218.35	217.78	217.73	217.70	217.69
ruota	tratto1	125	Max WS	SC 200 3h	29.47	0.00	29.46	0.00				218.35	217.74	217.69	217.66	217.64
ruota	tratto1	125	Max WS	SC 200 4h	27.71	0.00	27.70	0.00				218.35	217.69	217.64	217.60	217.58
ruota	tratto1	125	Max WS	SC 200 5h	25.68	0.00	25.66	0.00				218.35	217.60	217.52	217.46	217.44

Storage Area	Profile	Plan	W.S. Elev	SA Min EI	Inflow	Outflow	Net Flux	SA Area	SA Volume
			(m)	(m)	(m3/s)	(m3/s)	(m3/s)	(1000 m2)	(1000 m3)
A1	Max WS	SC 200 2h	223.89	223.25	15.03	15.03	0.00	0.80	0.22
A1	Max WS	SC 200 3h	223.85	223.25	13.05	13.01	0.04	0.80	0.19
A1	Max WS	SC 200 4h	223.80	223.25	10.86	10.84	0.02	0.80	0.15
A1	Max WS	SC 200 5h	223.74	223.25	8.32	8.31	0.00	0.40	0.11
A2	Max WS	SC 200 2h	222.85	220.80	15.03	15.03	0.00	2.40	1.55
A2	Max WS	SC 200 3h	222.82	220.80	13.01	13.01	0.00	2.40	1.48
A2	Max WS	SC 200 4h	222.78	220.80	10.84	10.86	-0.01	2.40	1.40
A2	Max WS	SC 200 5h	222.74	220.80	8.31	8.32	0.00	2.40	1.29
A3	Max WS	SC 200 2h	222.33	221.60	15.39	15.35	0.04	2.65	0.63
A3	Max WS	SC 200 3h	222.30	221.60	13.27	13.29	-0.01	2.65	0.56
A3	Max WS	SC 200 4h	222.27	221.60	10.99	10.99	0.00	2.65	0.46
A3	Max WS	SC 200 5h	222.22	221.60	8.33	8.33	0.00	1.18	0.38
A4	Max WS	SC 200 2h	222.04	221.25	17.68	17.63	0.04	9.78	0.81
A4	Max WS	SC 200 3h	222.02	221.25	14.61	14.61	0.00	9.78	0.65
A4	Max WS	SC 200 4h	222.00	221.25	11.22	11.21	0.01	1.67	0.45
A4	Max WS	SC 200 5h	221.95	221.25	7.88	7.29	0.59	1.67	0.37
A5	Max WS	SC 200 2h	221.46	220.70	1.43	1.43	0.00	0.13	0.05
A5	Max WS	SC 200 3h	221.37	220.70	0.58	0.58	0.00	0.13	0.03
A5	Max WS	SC 200 4h	220.90	220.70	0.00	0.00	0.00	0.02	0.00
A5	Max WS	SC 200 5h	220.90	220.70	0.00	0.00	0.00	0.02	0.00
B1	Max WS	SC 200 2h	221.73	221.50	9.22	9.22	0.00	1.30	0.19
B1	Max WS	SC 200 3h	221.73	221.50	8.43	8.42	0.01	1.30	0.18
B1	Max WS	SC 200 4h	221.71	221.50	7.41	7.40	0.01	1.30	0.16
B1	Max WS	SC 200 5h	221.70	221.50	5.99	5.99	-0.01	1.30	0.14
B2	Max WS	SC 200 2h	221.53	221.25	2.02	2.00	0.02	3.56	0.25
B2	Max WS	SC 200 3h	221.51	221.25	1.67	1.66	0.01	3.56	0.15
B2	Max WS	SC 200 4h	221.47	221.25	1.27	1.27	0.00	1.48	0.08
B2	Max WS	SC 200 5h	221.42	221.25	0.83	0.83	0.00	0.52	0.04
B3	Max WS	SC 200 2h	221.26	220.25	27.55	27.50	0.05	10.20	5.11
B3	Max WS	SC 200 3h	221.20	220.25	23.52	23.46	0.06	10.20	4.56
B3	Max WS	SC 200 4h	221.13	220.25	18.85	18.82	0.03	10.20	3.87
B3	Max WS	SC 200 5h	221.04	220.25	13.28	13.27	0.01	10.20	2.92
B4	Max WS	SC 200 2h	220.14	219.50	27.51	27.54	-0.03	4.17	0.85
B4	Max WS	SC 200 3h	220.11	219.50	23.46	23.42	0.03	4.17	0.73
B4	Max WS	SC 200 4h	220.07	219.50	18.82	18.82	0.00	4.17	0.57
B4	Max WS	SC 200 5h	220.02	219.50	13.27	13.29	-0.01	4.17	0.32
B5	Max WS	SC 200 2h	219.89	218.07	27.54	27.45	0.09	13.88	4.18
B5	Max WS	SC 200 3h	219.86	218.07	23.42	23.46	-0.03	13.88	3.75
B5	Max WS	SC 200 4h	219.82	218.07	18.82	18.82	0.01	13.88	3.18
B5	Max WS	SC 200 5h	219.76	218.07	13.29	13.24	0.05	13.88	2.34
B6	Max WS	SC 200 2h	219.53	218.70	27.14	27.08	0.06	4.54	1.41
B6	Max WS	SC 200 3h	219.47	218.70	23.35	23.34	0.01	2.56	1.23
B6	Max WS	SC 200 4h	219.41	218.70	18.81	18.81	0.00	2.56	1.06
B6	Max WS	SC 200 5h	219.31	218.70	13.24	13.24	0.01	2.56	0.80
B7	Max WS	SC 200 2h	218.18	217.50	27.08	27.09	-0.01	4.10	1.24
B7	Max WS	SC 200 3h	218.14	217.50	23.34	23.35	-0.02	4.10	1.07
B7	Max WS	SC 200 4h	218.09	217.50	18.81	18.81	0.00	4.10	0.85
B7	Max WS	SC 200 5h	218.02	217.50	13.24	13.26	-0.02	4.10	0.55
B8	Max WS	SC 200 2h	217.75	217.11	27.09	27.03	0.05	2.67	0.43
B8	Max WS	SC 200 3h	217.71	217.11	23.35	23.31	0.04	1.28	0.37

## HEC-RAS Profile: Max WS (Continued)

Storage Area	Profile	Plan	W.S. Elev (m)	SA Min EI (m)	Inflow (m3/s)	Outflow (m3/s)	Net Flux (m3/s)	SA Area (1000 m2)	SA Volume (1000 m3)
B8	Max WS	SC 200 4h	217.67	217.11	18.81	18.44	0.38	1.28	0.31
B8	Max WS	SC 200 5h	217.56	217.11	13.26	13.10	0.16	1.28	0.18
C1	Max WS	SC 200 2h	225.78	225.35	10.03	9.98	0.05	3.76	0.24
C1	Max WS	SC 200 3h	225.75	225.35	8.84	8.84	0.00	0.50	0.15
C1	Max WS	SC 200 4h	225.71	225.35	7.45	7.44	0.01	0.50	0.13
C1	Max WS	SC 200 5h	225.66	225.35	6.03	5.59	0.44	0.50	0.10
C2	Max WS	SC 200 2h	225.07	224.25	4.54	4.54	0.00	1.79	0.15
C2	Max WS	SC 200 3h	225.05	224.25	3.91	3.91	0.00	1.79	0.12
C2	Max WS	SC 200 4h	225.04	224.25	3.17	3.17	-0.01	1.79	0.09
C2	Max WS	SC 200 5h	225.01	224.25	2.22	2.22	0.01	1.79	0.04
C3	Max WS	SC 200 2h	224.45	223.85	4.54	4.54	-0.01	0.16	0.05
C3	Max WS	SC 200 3h	224.42	223.85	3.91	3.91	0.00	0.16	0.05
C3	Max WS	SC 200 4h	224.37	223.85	3.17	3.17	0.00	0.16	0.04
C3	Max WS	SC 200 5h	224.30	223.85	2.22	2.22	-0.01	0.16	0.03
C4	Max WS	SC 200 2h	223.29	222.88	4.44	4.43	0.02	0.82	0.11
C4	Max WS	SC 200 3h	223.27	222.88	3.87	3.88	-0.01	0.82	0.10
C4	Max WS	SC 200 4h	223.24	222.88	3.16	3.17	0.00	0.33	0.08
C4	Max WS	SC 200 5h	223.20	222.88	2.22	2.23	-0.01	0.33	0.07
C5	Max WS	SC 200 2h	223.28	222.30	2.01	2.02	-0.01	3.04	1.38
C5	Max WS	SC 200 3h	223.26	222.30	1.68	1.66	0.02	3.04	1.33
C5	Max WS	SC 200 4h	223.24	222.30	1.24	1.23	0.01	2.37	1.27
C5	Max WS	SC 200 5h	223.20	222.30	0.73	0.72	0.01	2.37	1.17
D1	Max WS	SC 200 2h	225.28	224.50	20.01	19.64	0.37	8.20	2.12
D1	Max WS	SC 200 3h	225.25	224.50	17.50	17.39	0.10	5.76	1.83
D1	Max WS	SC 200 4h	225.20	224.50	14.94	14.92	0.02	5.76	1.59
D1	Max WS	SC 200 5h	225.15	224.50	12.57	11.90	0.67	5.76	1.30
D2	Max WS	SC 200 2h	225.28	224.25	19.64	19.75	-0.11	7.40	2.82
D2	Max WS	SC 200 3h	225.24	224.25	17.39	17.26	0.13	6.64	2.56
D2	Max WS	SC 200 4h	225.20	224.25	14.92	14.89	0.03	6.64	2.28
D2	Max WS	SC 200 5h	225.15	224.25	11.90	11.94	-0.04	6.64	1.94
E1	Max WS	SC 200 2h	221.20	220.71	0.20	0.00	0.20	2.56	0.57
E1	Max WS	SC 200 3h	221.23	220.71	0.25	0.00	0.25	2.56	0.64
E1	Max WS	SC 200 4h	221.27	220.71	0.28	0.00	0.28	4.80	0.79
E1	Max WS	SC 200 5h	221.21	220.71	0.17	0.00	0.17	2.56	0.60
E2	Max WS	SC 200 2h	221.60	221.60	0.00	0.00	0.00	0.02	0.00
E2	Max WS	SC 200 3h	221.60	221.60	0.00	0.00	0.00	0.02	0.00
E2	Max WS	SC 200 4h	221.60	221.60	0.00	0.00	0.00	0.02	0.00
E2	Max WS	SC 200 5h	221.60	221.60	0.00	0.00	0.00	0.02	0.00
E3	Max WS	SC 200 2h	221.60	221.55	0.00	0.00	0.00	0.04	0.00
E3	Max WS	SC 200 3h	221.60	221.55	0.00	0.00	0.00	0.04	0.00
E3	Max WS	SC 200 4h	221.60	221.55	0.00	0.00	0.00	0.04	0.00
E3	Max WS	SC 200 5h	221.60	221.55	0.00	0.00	0.00	0.04	0.00
F	Max WS	SC 200 2h	215.53	214.25	1.55	0.00	1.55	13.34	6.33
F	Max WS	SC 200 3h	215.49	214.25	1.27	0.54	0.73	8.06	5.84
F	Max WS	SC 200 4h	215.47	214.25	1.18	0.21	0.97	8.06	5.72
F	Max WS	SC 200 5h	215.38	214.25	0.71	0.54	0.17	8.06	4.93
G1	Max WS	SC 200 2h	231.66	230.90	0.11	0.11	0.00	0.33	0.08
G1	Max WS	SC 200 3h	231.67	230.90	0.17	0.17	0.00	0.33	0.08
G1	Max WS	SC 200 4h	231.68	230.90	0.20	0.20	0.00	0.33	0.08
G1	Max WS	SC 200 5h	231.67	230.90	0.14	0.14	0.00	0.33	0.08

HEC-RAS Profile: Max WS (Continued)

Storage Area	Profile	Plan	W.S. Elev	SA Min El	Inflow	Outflow	Net Flux	SA Area	SA Volume
			(m)	(m)	(m3/s)	(m3/s)	(m3/s)	(1000 m2)	(1000 m3)
G2	Max WS	SC 200 2h	230.87	229.75	0.11	0.11	0.00	0.40	0.14
G2	Max WS	SC 200 3h	230.88	229.75	0.17	0.17	0.00	0.40	0.14
G2	Max WS	SC 200 4h	230.88	229.75	0.20	0.20	0.00	0.40	0.14
G2	Max WS	SC 200 5h	230.88	229.75	0.14	0.14	0.00	0.40	0.14
G3	Max WS	SC 200 2h	230.50	230.25	0.00	0.00	0.00	0.01	0.00
G3	Max WS	SC 200 3h	230.50	230.25	0.00	0.00	0.00	0.01	0.00
G3	Max WS	SC 200 4h	230.50	230.25	0.00	0.00	0.00	0.01	0.00
G3	Max WS	SC 200 5h	230.50	230.25	0.00	0.00	0.00	0.01	0.00
H1	Max WS	SC 200 2h	217.02	216.60	1.12	0.00	1.12	5.84	0.77
H1	Max WS	SC 200 3h	216.98	216.60	0.56	0.00	0.56	2.36	0.58
H1	Max WS	SC 200 4h	216.95	216.60	0.35	0.00	0.35	2.36	0.52
H1	Max WS	SC 200 5h	216.65	216.60	0.00	0.00	0.00	0.26	0.01
H2	Max WS	SC 200 2h	216.73	216.73	0.00	0.00	0.00	0.20	0.00
H2	Max WS	SC 200 3h	216.73	216.73	0.00	0.00	0.00	0.20	0.00
H2	Max WS	SC 200 4h	216.73	216.73	0.00	0.00	0.00	0.20	0.00
H2	Max WS	SC 200 5h	216.73	216.73	0.00	0.00	0.00	0.20	0.00
H3	Max WS	SC 200 2h	216.96	216.95	0.00	0.00	0.00	0.02	0.00
H3	Max WS	SC 200 3h	216.96	216.95	0.00	0.00	0.00	0.02	0.00
H3	Max WS	SC 200 4h	216.96	216.95	0.00	0.00	0.00	0.02	0.00
H3	Max WS	SC 200 5h	216.96	216.95	0.00	0.00	0.00	0.02	0.00
H4	Max WS	SC 200 2h	216.78	216.75	0.00	0.00	0.00	0.06	0.00
H4	Max WS	SC 200 3h	216.78	216.75	0.00	0.00	0.00	0.06	0.00
H4	Max WS	SC 200 4h	216.78	216.75	0.00	0.00	0.00	0.06	0.00
H4	Max WS	SC 200 5h	216.78	216.75	0.00	0.00	0.00	0.06	0.00

Connection	Profile	Plan	Q Total	W.S. Elev	Min El Weir Flow	Weir Max Depth	Weir Avg Depth	Weir Flow Area	Wr Top Width
			(m3/s)	(m)	(m)	(m)	(m)	(m2)	(m)
A1-A2	Max WS	SC 200 2h	15.03	223.89	223.08	0.81	0.36	13.67	37.97
A1-A2	Max WS	SC 200 3h	13.01	223.85	223.08	0.77	0.34	12.21	35.55
A1-A2	Max WS	SC 200 4h	10.84	223.80	223.08	0.72	0.32	10.63	32.83
A1-A2	Max WS	SC 200 5h	8.31	223.74	223.08	0.66	0.29	8.72	30.22
A2-A3	Max WS	SC 200 2h	15.03	222.85	222.14	0.71	0.24	15.74	66.21
A2-A3	Max WS	SC 200 3h	13.01	222.82	222.14	0.68	0.22	13.92	63.30
A2-A3	Max WS	SC 200 4h	10.86	222.78	222.14	0.64	0.20	11.87	59.89
A2-A3	Max WS	SC 200 5h	8.32	222.74	222.14	0.60	0.18	9.25	50.34
A3-A4	Max WS	SC 200 2h	9.85	222.33	221.80	0.53	0.21	11.96	56.00
A3-A4	Max WS	SC 200 3h	8.22	222.30	221.80	0.50	0.19	10.48	56.00
A3-A4	Max WS	SC 200 4h	6.49	222.27	221.80	0.47	0.17	8.54	50.31
A3-A4	Max WS	SC 200 5h	4.56	222.22	221.80	0.42	0.15	6.24	41.99
A3-B1	Max WS	SC 200 2h	5.51	222.33	221.73	0.60	0.42	4.66	11.02
A3-B1	Max WS	SC 200 3h	5.07	222.30	221.73	0.57	0.41	4.37	10.58
A3-B1	Max WS	SC 200 4h	4.50	222.27	221.73	0.54	0.40	4.00	10.08
A3-B1	Max WS	SC 200 5h	3.77	222.22	221.73	0.49	0.36	3.50	9.63
A4-A5	Max WS	SC 200 2h	1.43	222.04	222.00	0.04	0.04	4.50	123.11
A4-A5	Max WS	SC 200 3h	0.58	222.02	222.00	0.02	0.02	2.48	123.11
A4-A5	Max WS	SC 200 4h	0.00	222.00	222.00				
A4-A5	Max WS	SC 200 5h	0.00	221.95	222.00				
A4-B3	Max WS	SC 200 2h	16.20	222.04	221.60	0.44	0.15	22.24	145.00
A4-B3	Max WS	SC 200 3h	14.02	222.02	221.60	0.42	0.14	19.85	145.00
A4-B3	Max WS	SC 200 4h	11.21	222.00	221.60	0.40	0.12	16.45	142.60
A4-B3	Max WS	SC 200 5h	7.29	221.95	221.60	0.35	0.10	11.05	112.21
A5-B3	Max WS	SC 200 2h	1.42	221.46	221.22	0.24	0.10	2.10	21.89
A5-B3	Max WS	SC 200 3h	0.58	221.37	221.22	0.15	0.15	0.90	6.00
A5-B3	Max WS	SC 200 4h	0.00	221.13	221.22				
A5-B3	Max WS	SC 200 5h	0.00	221.04	221.22				
A5-B4	Max WS	SC 200 2h	0.01	221.46	221.42	0.04	0.02	0.05	2.08
A5-B4	Max WS	SC 200 3h	0.00	221.37	221.42				
A5-B4	Max WS	SC 200 4h	0.00	220.90	221.42				
A5-B4	Max WS	SC 200 5h	0.00	220.90	221.42				
B1-A2	Max WS	SC 200 2h	0.00	222.85	223.16				
B1-A2	Max WS	SC 200 3h	0.00	222.82	223.16				
B1-A2	Max WS	SC 200 4h	0.00	222.78	223.16				
B1-A2	Max WS	SC 200 5h	0.00	222.74	223.16				
B1-B2	Max WS	SC 200 2h	1.29	221.73	221.50	0.23	0.11	2.11	19.46
B1-B2	Max WS	SC 200 3h	1.17	221.73	221.50	0.23	0.10	1.95	19.19
B1-B2	Max WS	SC 200 4h	1.03	221.71	221.50	0.21	0.09	1.74	18.82
B1-B2	Max WS	SC 200 5h	0.83	221.70	221.50	0.20	0.11	1.44	13.24
B1-B3	Max WS	SC 200 2h	7.93	221.73	221.50	0.23	0.14	12.61	92.00
B1-B3	Max WS	SC 200 3h	7.25	221.73	221.50	0.23	0.13	11.85	92.00
B1-B3	Max WS	SC 200 4h	6.37	221.71	221.50	0.21	0.12	10.84	92.00
B1-B3	Max WS	SC 200 5h	5.16	221.70	221.50	0.20	0.11	9.34	87.64
B2-B3	Max WS	SC 200 2h	2.00	221.53	221.20	0.33	0.20	2.47	12.43
B2-B3	Max WS	SC 200 3h	1.66	221.51	221.20	0.31	0.18	2.13	11.68
B2-B3	Max WS	SC 200 4h	1.27	221.47	221.20	0.27	0.16	1.70	10.66
B2-B3	Max WS	SC 200 5h	0.83	221.42	221.20	0.22	0.13	1.19	9.29
B3-B4	Max WS	SC 200 2h	27.50	221.26	220.54	0.72	0.47	22.93	48.96
B3-B4	Max WS	SC 200 3h	23.46	221.20	220.54	0.66	0.43	20.35	46.91
B3-B4	Max WS	SC 200 4h	18.82	221.13	220.54	0.59	0.39	17.26	44.33
B3-B4	Max WS	SC 200 5h	13.27	221.04	220.54	0.50	0.33	13.33	40.81
B4-B5	Max WS	SC 200 2h	27.54	220.14	219.32	0.82	0.21	29.76	139.71
B4-B5	Max WS	SC 200 3h	23.42	220.11	219.32	0.79	0.20	25.76	128.04
B4-B5	Max WS	SC 200 4h	18.82	220.07	219.32	0.75	0.18	21.10	118.15
B4-B5	Max WS	SC 200 5h	13.29	220.02	219.32	0.70	0.16	14.73	90.73
B5-B6	Max WS	SC 200 2h	27.14	219.89	219.16	0.73	0.26	29.29	114.76
B5-B6	Max WS	SC 200 3h	23.35	219.86	219.16	0.70	0.24	25.86	108.10
B5-B6	Max WS	SC 200 4h	18.81	219.82	219.16	0.66	0.22	21.59	99.21
B5-B6	Max WS	SC 200 5h	13.24	219.76	219.16	0.59	0.19	16.09	82.67
B6-B7	Max WS	SC 200 2h	27.08	219.53	218.39	1.14	0.48	21.85	45.45
B6-B7	Max WS	SC 200 3h	23.34	219.47	218.39	1.08	0.45	19.54	43.65
B6-B7	Max WS	SC 200 4h	18.81	219.41	218.39	1.01	0.40	16.64	41.28
B6-B7	Max WS	SC 200 5h	13.24	219.31	218.39	0.92	0.34	12.74	37.85
B7-B8	Max WS	SC 200 2h	27.09	218.18	217.10	1.08	0.43	24.49	56.99

Connection	Profile	Plan	Q Total	W.S. Elev	Min El Weir Flow	Weir Max Depth	Weir Avg Depth	Weir Flow Area	Wr Top Width
			(m3/s)	(m)	(m)	(m)	(m)	(m2)	(m)
B7-B8	Max WS	SC 200 3h	23.35	218.14	217.10	1.04	0.39	22.13	56.86
B7-B8	Max WS	SC 200 4h	18.81	218.09	217.10	0.99	0.34	19.08	56.70
B7-B8	Max WS	SC 200 5h	13.26	218.02	217.10	0.92	0.27	14.98	56.47
C1-A1	Max WS	SC 200 2h	5.44	225.78	225.28	0.50	0.39	5.05	12.79
C1-A1	Max WS	SC 200 3h	4.93	225.75	225.28	0.47	0.37	4.70	12.61
C1-A1	Max WS	SC 200 4h	4.28	225.71	225.28	0.43	0.34	4.26	12.37
C1-A1	Max WS	SC 200 5h	3.37	225.66	225.28	0.38	0.30	3.60	12.01
C1-C2	Max WS	SC 200 2h	4.54	225.78	225.28	0.50	0.23	5.17	22.75
C1-C2	Max WS	SC 200 3h	3.91	225.75	225.28	0.47	0.21	4.57	21.30
C1-C2	Max WS	SC 200 4h	3.17	225.71	225.28	0.43	0.20	3.84	19.37
C1-C2	Max WS	SC 200 5h	2.22	225.66	225.28	0.38	0.17	2.88	16.48
C2-C3	Max WS	SC 200 2h	4.54	225.07	224.83	0.24	0.14	6.82	47.57
C2-C3	Max WS	SC 200 3h	3.91	225.05	224.83	0.22	0.13	6.11	45.81
C2-C3	Max WS	SC 200 4h	3.17	225.04	224.83	0.21	0.12	5.24	43.56
C2-C3	Max WS	SC 200 5h	2.22	225.01	224.83	0.18	0.10	4.04	40.25
C3-A1	Max WS	SC 200 2h	0.10	224.45	224.34	0.11	0.05	0.26	4.73
C3-A1	Max WS	SC 200 3h	0.04	224.42	224.34	0.08	0.04	0.12	3.29
C3-A1	Max WS	SC 200 4h	0.00	224.37	224.34	0.03	0.02	0.02	1.36
C3-A1	Max WS	SC 200 5h	0.00	224.30	224.34				
C3-C4	Max WS	SC 200 2h	4.44	224.45	223.83	0.62	0.32	4.28	13.24
C3-C4	Max WS	SC 200 3h	3.87	224.42	223.83	0.59	0.29	3.85	13.19
C3-C4	Max WS	SC 200 4h	3.16	224.37	223.83	0.54	0.25	3.27	13.14
C3-C4	Max WS	SC 200 5h	2.22	224.30	223.83	0.47	0.30	2.42	8.04
C4-A2	Max WS	SC 200 2h	0.00	223.29	223.60				
C4-A2	Max WS	SC 200 3h	0.00	223.27	223.60				
C4-A2	Max WS	SC 200 4h	0.00	223.24	223.60				
C4-A2	Max WS	SC 200 5h	0.00	223.20	223.60				
C4-B1	Max WS	SC 200 2h	2.42	223.29	222.80	0.49	0.25	2.60	10.45
C4-B1	Max WS	SC 200 3h	2.20	223.27	222.80	0.47	0.26	2.42	9.13
C4-B1	Max WS	SC 200 4h	1.93	223.24	222.80	0.44	0.28	2.20	8.00
C4-B1	Max WS	SC 200 5h	1.50	223.20	222.80	0.40	0.23	1.86	8.00
C4-C5	Max WS	SC 200 2h	2.01	223.29	222.95	0.34	0.20	3.82	19.00
C4-C5	Max WS	SC 200 3h	1.68	223.27	222.95	0.32	0.18	3.46	19.00
C4-C5	Max WS	SC 200 4h	1.24	223.24	222.95	0.29	0.22	3.03	14.00
C4-C5	Max WS	SC 200 5h	0.73	223.20	222.95	0.25	0.17	2.43	14.00
C5-B1	Max WS	SC 200 2h	1.30	223.28	222.80	0.48	0.22	1.55	7.00
C5-B1	Max WS	SC 200 3h	1.16	223.26	222.80	0.46	0.20	1.42	7.00
C5-B1	Max WS	SC 200 4h	0.99	223.24	222.80	0.44	0.18	1.26	7.00
C5-B1	Max WS	SC 200 5h	0.72	223.20	222.80	0.40	0.14	0.98	7.00
C5-B2	Max WS	SC 200 2h	0.73	223.28	223.20	0.08	0.08	1.57	20.15
C5-B2	Max WS	SC 200 3h	0.50	223.26	223.20	0.06	0.06	1.22	20.12
C5-B2	Max WS	SC 200 4h	0.24	223.24	223.20	0.04	0.04	0.75	20.07
C5-B2	Max WS	SC 200 5h	0.00	223.20	223.20				
D1-D2	Max WS	SC 200 2h	19.64	225.28	224.45	0.83	0.35	48.76	140.50
D1-D2	Max WS	SC 200 3h	17.39	225.25	224.45	0.80	0.31	43.68	139.58
D1-D2	Max WS	SC 200 4h	14.92	225.20	224.45	0.75	0.27	37.92	138.53
D1-D2	Max WS	SC 200 5h	11.90	225.15	224.45	0.70	0.23	30.89	137.24
E3-B2	Max WS	SC 200 2h	0.00	221.60	221.68				
E3-B2	Max WS	SC 200 3h	0.00	221.60	221.68				
E3-B2	Max WS	SC 200 4h	0.00	221.60	221.68				
E3-B2	Max WS	SC 200 5h	0.00	221.60	221.68				
E3-B3	Max WS	SC 200 2h	0.00	221.60	221.76				
E3-B3	Max WS	SC 200 3h	0.00	221.60	221.76				
E3-B3	Max WS	SC 200 4h	0.00	221.60	221.76				
E3-B3	Max WS	SC 200 5h	0.00	221.60	221.76				
E3-E2	Max WS	SC 200 2h	0.00	221.60	223.50				
E3-E2	Max WS	SC 200 3h	0.00	221.60	223.50				
E3-E2	Max WS	SC 200 4h	0.00	221.60	223.50				
E3-E2	Max WS	SC 200 5h	0.00	221.60	223.50				
G1-G2	Max WS	SC 200 2h	0.11	231.66	231.60	0.06	0.05	0.31	6.45
G1-G2	Max WS	SC 200 3h	0.17	231.67	231.60	0.07	0.06	0.41	7.01
G1-G2	Max WS	SC 200 4h	0.20	231.68	231.60	0.08	0.06	0.47	7.31
G1-G2	Max WS	SC 200 5h	0.14	231.67	231.60	0.07	0.05	0.36	6.77
G2-G3	Max WS	SC 200 2h	0.00	230.87	230.98				
G2-G3	Max WS	SC 200 3h	0.00	230.88	230.98				

Connection	Profile	Plan	Q Total	W.S. Elev	Min El Weir Flow	Weir Max Depth	Weir Avg Depth	Weir Flow Area	Wr Top Wdth
			(m3/s)	(m)	(m)	(m)	(m)	(m2)	(m)
G2-G3	Max WS	SC 200 4h	0.00	230.88	230.98				
G2-G3	Max WS	SC 200 5h	0.00	230.88	230.98				
H1-H2	Max WS	SC 200 2h	0.00	217.02	217.03				
H1-H2	Max WS	SC 200 3h	0.00	216.98	217.03				
H1-H2	Max WS	SC 200 4h	0.00	216.95	217.03				
H1-H2	Max WS	SC 200 5h	0.00	216.73	217.03				
H1-H3	Max WS	SC 200 2h	0.00	217.02	217.04				
H1-H3	Max WS	SC 200 3h	0.00	216.98	217.04				
H1-H3	Max WS	SC 200 4h	0.00	216.96	217.04				
H1-H3	Max WS	SC 200 5h	0.00	216.96	217.04				
H2-F	Max WS	SC 200 2h	0.00	216.73	216.88				
H2-F	Max WS	SC 200 3h	0.00	216.73	216.88				
H2-F	Max WS	SC 200 4h	0.00	216.73	216.88				
H2-F	Max WS	SC 200 5h	0.00	216.73	216.88				
H3-H4	Max WS	SC 200 2h	0.00	216.96	217.05				
H3-H4	Max WS	SC 200 3h	0.00	216.96	217.05				
H3-H4	Max WS	SC 200 4h	0.00	216.96	217.05				
H3-H4	Max WS	SC 200 5h	0.00	216.96	217.05				
H4-F	Max WS	SC 200 2h	0.00	216.78	217.05				
H4-F	Max WS	SC 200 3h	0.00	216.78	217.05				
H4-F	Max WS	SC 200 4h	0.00	216.78	217.05				
H4-F	Max WS	SC 200 5h	0.00	216.78	217.05				
H4-H2	Max WS	SC 200 2h	0.00	216.78	216.90				
H4-H2	Max WS	SC 200 3h	0.00	216.78	216.90				
H4-H2	Max WS	SC 200 4h	0.00	216.78	216.90				
H4-H2	Max WS	SC 200 5h	0.00	216.78	216.90				

River	Reach	River Sta	Profile	Plan	Q Total (m3/s)	Q Left (m3/s)	Q Channel (m3/s)	Q Right (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Total (m/s)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # XS	Froude # Chl
ruota	tratto1	489	Max WS	SC 30 2h	29.64		29.64		224.65	226.27	226.28	226.69	0.018273	2.85	2.85	10.41	220.46	1.01	1.01
ruota	tratto1	489	Max WS	SC 30 3h	27.66		27.66		224.65	226.26	226.25	226.63	0.017052	2.71	2.71	10.20	220.43	0.98	0.98
ruota	tratto1	489	Max WS	SC 30 4h	24.92		24.92		224.65	226.23	226.20	226.56	0.015400	2.52	2.52	9.88	220.37	0.92	0.92
ruota	tratto1	489	Max WS	SC 30 5h	15.05		15.05		224.65	226.20	225.89	226.33	0.006605	1.60	1.60	9.41	220.28	0.60	0.60
ruota	tratto1	488.91			Lat Struct														
ruota	tratto1	488.9			Lat Struct														
ruota	tratto1	488	Max WS	SC 30 2h	14.03		14.03		224.50	225.89	225.67	226.00	0.006181	1.47	1.47	9.56	202.10	0.57	0.57
ruota	tratto1	488	Max WS	SC 30 3h	14.98		14.98		224.50	225.92	225.69	226.04	0.006127	1.50	1.50	9.97	202.68	0.57	0.57
ruota	tratto1	488	Max WS	SC 30 4h	14.98		14.98		224.50	225.92	225.69	226.04	0.006127	1.50	1.50	9.97	202.68	0.57	0.57
ruota	tratto1	488	Max WS	SC 30 5h	14.98		14.98		224.50	225.92	225.69	226.04	0.006127	1.50	1.50	9.97	202.68	0.57	0.57
ruota	tratto1	485	Max WS	SC 30 2h	15.35		15.35		224.22	225.50	225.42	225.74	0.016117	2.18	2.18	7.04	156.22	0.88	0.88
ruota	tratto1	485	Max WS	SC 30 3h	14.81		14.81		224.22	225.50	225.40	225.73	0.015112	2.11	2.11	7.01	156.04	0.86	0.86
ruota	tratto1	485	Max WS	SC 30 4h	14.81		14.81		224.22	225.50	225.40	225.73	0.015112	2.11	2.11	7.01	156.04	0.86	0.86
ruota	tratto1	485	Max WS	SC 30 5h	14.81		14.81		224.22	225.50	225.40	225.73	0.015112	2.11	2.11	7.01	156.04	0.86	0.86
ruota	tratto1	480	Max WS	SC 30 2h	15.20		15.20		223.63	225.11	224.77	225.29	0.006794	1.91	1.91	7.95	134.61	0.59	0.59
ruota	tratto1	480	Max WS	SC 30 3h	14.71		14.71		223.63	225.05	224.75	225.24	0.007489	1.96	1.96	7.52	120.60	0.62	0.62
ruota	tratto1	480	Max WS	SC 30 4h	16.20		16.20		223.63	224.87	224.80	225.22	0.015906	2.60	2.60	6.23	45.72	0.89	0.89
ruota	tratto1	480	Max WS	SC 30 5h	16.20		16.20		223.63	224.87	224.80	225.22	0.015906	2.60	2.60	6.23	45.72	0.89	0.89
ruota	tratto1	479			Lat Struct														
ruota	tratto1	470	Max WS	SC 30 2h	15.20		15.20		222.95	225.02	224.36	225.16	0.003899	1.64	1.64	9.25	138.27	0.45	0.45
ruota	tratto1	470	Max WS	SC 30 3h	14.70		14.70		222.95	224.96	224.34	225.10	0.004159	1.67	1.67	8.81	92.75	0.47	0.47
ruota	tratto1	470	Max WS	SC 30 4h	13.78		13.78		222.95	224.62	224.30	224.84	0.008037	2.08	2.08	6.63	14.54	0.64	0.64
ruota	tratto1	470	Max WS	SC 30 5h	12.80		12.80		222.95	224.46	224.25	224.72	0.010911	2.27	2.27	5.64	6.69	0.74	0.74
ruota	tratto1	465			Lat Struct														
ruota	tratto1	460	Max WS	SC 30 2h	15.21		15.21		222.53	225.01	224.12	225.11	0.002469	1.38	1.38	11.03	138.31	0.36	0.36
ruota	tratto1	460	Max WS	SC 30 3h	14.71		14.71		222.53	224.95	224.10	225.05	0.002604	1.39	1.39	10.56	124.48	0.37	0.37
ruota	tratto1	460	Max WS	SC 30 4h	13.78		13.78		222.53	224.60	224.06	224.74	0.004785	1.70	1.70	8.09	23.57	0.49	0.49
ruota	tratto1	460	Max WS	SC 30 5h	12.80		12.80		222.53	224.41	224.01	224.58	0.006497	1.86	1.86	6.89	14.89	0.57	0.57
ruota	tratto1	450	Max WS	SC 30 2h	18.42		18.42		222.37	224.97	223.82	225.01	0.001114	0.89	0.89	20.68	92.65	0.26	0.26
ruota	tratto1	450	Max WS	SC 30 3h	18.20		18.20		222.37	224.89	223.81	224.94	0.001341	0.94	0.94	19.42	75.36	0.28	0.28
ruota	tratto1	450	Max WS	SC 30 4h	17.56		17.56		222.37	224.43	223.78	224.54	0.005471	1.48	1.48	11.89	24.85	0.53	0.53
ruota	tratto1	450	Max WS	SC 30 5h	15.84		15.84		222.37	224.18	223.73	224.34	0.005714	1.77	1.77	8.96	16.58	0.55	0.55
ruota	tratto1	440	Max WS	SC 30 2h	19.73		19.73		222.59	224.85	223.75	224.95	0.002206	1.44	1.44	13.75	93.92	0.34	0.34
ruota	tratto1	440	Max WS	SC 30 3h	19.66		19.66		222.59	224.76	223.75	224.88	0.002502	1.50	1.50	13.10	84.76	0.36	0.36
ruota	tratto1	440	Max WS	SC 30 4h	19.16		19.16		222.59	224.12	223.73	224.37	0.007733	2.23	2.23	8.60	16.91	0.62	0.62
ruota	tratto1	440	Max WS	SC 30 5h	17.12		17.12		222.59	223.77	223.65	224.14	0.014707	2.69	2.69	6.36	13.91	0.85	0.85
ruota	tratto1	435 BR U	Max WS	SC 30 2h	19.73		19.73		222.59	224.80	223.74	225.10	0.008732	1.92	1.92	10.27		0.41	0.41
ruota	tratto1	435 BR U	Max WS	SC 30 3h	19.66		19.66		222.59	224.80	223.73	225.10	0.008671	1.91	1.91	10.27		0.41	0.41
ruota	tratto1	435 BR U	Max WS	SC 30 4h	19.16		19.16		222.59	224.80	223.72	225.09	0.008231	1.87	1.87	10.27		0.40	0.40
ruota	tratto1	435 BR U	Max WS	SC 30 5h	17.12		17.12		222.59	223.64	223.64	224.13	0.021992	3.09	3.09	5.55	5.69	0.96	0.96
ruota	tratto1	435 BR D	Max WS	SC 30 2h	19.73		19.73		222.34	223.55	223.46	223.96	0.016936	2.88	2.88	6.86	6.17	0.84	0.84
ruota	tratto1	435 BR D	Max WS	SC 30 3h	19.66		19.66		222.34	223.55	223.46	223.96	0.016793	2.87	2.87	6.86	6.17	0.83	0.83
ruota	tratto1	435 BR D	Max WS	SC 30 4h	19.16		19.16		222.34	223.55	223.44	223.93	0.015941	2.79	2.79	6.86	6.17	0.81	0.81
ruota	tratto1	435 BR D	Max WS	SC 30 5h	17.12		17.12		222.34	223.55	223.37	223.87	0.012875	2.51	2.51	6.83	6.18	0.73	0.73



River	Reach	River Sta	Profile	Plan	Q Total (m3/s)	Q Left (m3/s)	Q Channel (m3/s)	Q Right (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Total (m/s)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # XS	Froude # Chl
ruota	tratto1	430	Max WS	SC 30 2h	19.71		19.71		222.34	223.55	223.49	223.95	0.015916	2.82	2.82	6.99	70.96	0.91	0.91
ruota	tratto1	430	Max WS	SC 30 3h	15.82		15.82		222.34	223.55	223.34	223.81	0.010240	2.26	2.26	6.99	71.01	0.73	0.73
ruota	tratto1	430	Max WS	SC 30 4h	15.82		15.82		222.34	223.55	223.34	223.81	0.010240	2.26	2.26	6.99	71.01	0.73	0.73
ruota	tratto1	430	Max WS	SC 30 5h	15.82		15.82		222.34	223.55	223.34	223.81	0.010240	2.26	2.26	6.99	71.01	0.73	0.73
ruota	tratto1	429			Lat Struct														
ruota	tratto1	428.4			Lat Struct														
ruota	tratto1	420	Max WS	SC 30 2h	22.85	5.21	17.64		222.07	223.42	223.50	223.72	0.014650	2.18	2.67	10.47	46.49	1.43	0.89
ruota	tratto1	420	Max WS	SC 30 3h	22.52	4.78	17.74		222.07	223.40	223.50	223.73	0.015577	2.27	2.73	9.93	41.92	1.43	0.91
ruota	tratto1	420	Max WS	SC 30 4h	19.98	4.14	15.84		222.07	223.40	223.50	223.66	0.012650	2.05	2.46	9.75	40.29	1.27	0.82
ruota	tratto1	420	Max WS	SC 30 5h	19.98	4.14	15.84		222.07	223.40	223.50	223.66	0.012650	2.05	2.46	9.75	40.29	1.27	0.82
ruota	tratto1	410	Max WS	SC 30 2h	22.85	8.05	14.80		221.74	223.24	223.23	223.42	0.009111	1.74	2.18	13.10	31.38	0.94	0.69
ruota	tratto1	410	Max WS	SC 30 3h	22.52	7.65	14.87		221.74	223.22	223.22	223.42	0.009573	1.78	2.22	12.65	30.63	0.97	0.71
ruota	tratto1	410	Max WS	SC 30 4h	20.18	6.30	13.88		221.74	223.19	223.18	223.37	0.009137	1.72	2.14	11.72	28.98	0.95	0.69
ruota	tratto1	410	Max WS	SC 30 5h	20.18	6.30	13.88		221.74	223.19	223.18	223.37	0.009137	1.72	2.14	11.72	28.98	0.95	0.69
ruota	tratto1	400	Max WS	SC 30 2h	22.85	7.11	15.74		221.92	223.18	223.14	223.36	0.008685	1.64	2.15	13.95	40.02	1.02	0.69
ruota	tratto1	400	Max WS	SC 30 3h	22.52	6.87	15.65		221.92	223.16	223.14	223.35	0.008929	1.68	2.17	13.42	37.03	1.01	0.70
ruota	tratto1	400	Max WS	SC 30 4h	21.71	6.27	15.43		221.92	223.13	223.14	223.33	0.009618	1.77	2.22	12.25	31.34	1.01	0.72
ruota	tratto1	400	Max WS	SC 30 5h	21.88	4.89	16.99		221.92	223.06	223.14	223.35	0.014313	2.13	2.62	10.26	27.46	1.25	0.87
ruota	tratto1	390	Max WS	SC 30 2h	22.85	7.85	14.99		221.64	223.08	222.86	223.18	0.004015	1.17	1.62	19.61	55.39	0.74	0.47
ruota	tratto1	390	Max WS	SC 30 3h	22.52	7.38	15.14		221.64	223.07	222.85	223.17	0.004223	1.19	1.65	18.91	54.46	0.77	0.48
ruota	tratto1	390	Max WS	SC 30 4h	21.70	6.60	15.10		221.64	223.04	222.83	223.15	0.004541	1.26	1.69	17.26	47.20	0.78	0.50
ruota	tratto1	390	Max WS	SC 30 5h	20.18	5.30	14.88		221.64	222.96	222.80	223.09	0.005337	1.42	1.78	14.22	33.23	0.78	0.54
ruota	tratto1	385			Lat Struct														
ruota	tratto1	380	Max WS	SC 30 2h	22.85	1.02	21.83		220.80	222.66	222.34	222.95	0.008520	2.22	2.44	10.30	17.85	1.00	0.67
ruota	tratto1	380	Max WS	SC 30 3h	22.52	0.94	21.58		220.80	222.66	222.32	222.94	0.008442	2.21	2.42	10.18	17.53	1.00	0.67
ruota	tratto1	380	Max WS	SC 30 4h	21.70	0.75	20.95		220.80	222.64	222.29	222.92	0.008272	2.20	2.39	9.87	16.64	0.97	0.66
ruota	tratto1	380	Max WS	SC 30 5h	19.10	0.25	18.86		220.80	222.56	222.19	222.82	0.007808	2.17	2.27	8.79	13.16	0.88	0.64
ruota	tratto1	370	Max WS	SC 30 2h	22.85	2.03	20.82		220.81	222.59	222.30	222.78	0.005659	1.85	2.05	12.34	25.74	0.75	0.58
ruota	tratto1	370	Max WS	SC 30 3h	22.52	1.96	20.56		220.81	222.58	222.28	222.77	0.005607	1.84	2.03	12.23	25.28	0.74	0.58
ruota	tratto1	370	Max WS	SC 30 4h	21.70	1.77	19.93		220.81	222.56	222.24	222.75	0.005514	1.82	2.00	11.91	23.94	0.73	0.57
ruota	tratto1	370	Max WS	SC 30 5h	19.10	1.06	18.04		220.81	222.48	222.12	222.66	0.005530	1.79	1.93	10.65	19.30	0.72	0.57
ruota	tratto1	360	Max WS	SC 30 2h	22.85	0.14	22.71		220.50	222.62	222.01	222.70	0.002727	1.24	1.27	18.38	38.97	0.46	0.41
ruota	tratto1	360	Max WS	SC 30 3h	22.52	0.12	22.40		220.50	222.61	222.00	222.69	0.002709	1.24	1.26	18.21	38.30	0.46	0.40
ruota	tratto1	360	Max WS	SC 30 4h	21.70	0.08	21.62		220.50	222.59	221.98	222.67	0.002674	1.22	1.24	17.76	36.29	0.45	0.40
ruota	tratto1	360	Max WS	SC 30 5h	19.10	0.01	19.10		220.50	222.51	221.90	222.59	0.002668	1.19	1.19	16.07	28.03	0.42	0.40
ruota	tratto1	355			Lat Struct														
ruota	tratto1	350	Max WS	SC 30 2h	22.68	0.14	22.55		220.14	222.52	221.54	222.63	0.002448	1.45	1.49	15.67	26.93	0.52	0.38
ruota	tratto1	350	Max WS	SC 30 3h	22.40	0.12	22.28		220.14	222.51	221.53	222.62	0.002423	1.44	1.48	15.55	25.84	0.51	0.38
ruota	tratto1	350	Max WS	SC 30 4h	21.67	0.08	21.59		220.14	222.50	221.51	222.60	0.002357	1.42	1.45	15.27	23.23	0.46	0.37
ruota	tratto1	350	Max WS	SC 30 5h	19.10	0.01	19.10		220.14	222.43	221.41	222.52	0.001941	1.33	1.34	14.33	18.45	0.38	0.34
ruota	tratto1	340	Max WS	SC 30 2h	19.52	0.00	19.51		220.60	222.17	221.79	222.37	0.006461	1.98	1.98	9.88	24.12	0.66	0.61
ruota	tratto1	340	Max WS	SC 30 3h	19.44	0.00	19.44		220.60	222.17	221.79	222.37	0.006430	1.97	1.97	9.87	24.06	0.65	0.61
ruota	tratto1	340	Max WS	SC 30 4h	19.42	0.00	19.42		220.60	222.17	221.79	222.37	0.006429	1.97	1.97	9.86	24.03	0.65	0.61
ruota	tratto1	340	Max WS	SC 30 5h	18.52		18.52		220.60	222.13	221.75	222.32	0.006718	1.96	1.96	9.43	22.66	0.62	0.62

River	Reach	River Sta	Profile	Plan	Q Total (m3/s)	Q Left (m3/s)	Q Channel (m3/s)	Q Right (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Total (m/s)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # XS	Froude # Chl
ruota	tratto1	330	Max WS	SC 30 2h	21.15	2.75	18.40		220.20	221.95	221.61	222.12	0.005436	1.50	1.91	14.06	57.18	1.01	0.56
ruota	tratto1	330	Max WS	SC 30 3h	21.02	2.52	18.50		220.20	221.94	221.61	222.11	0.005614	1.53	1.94	13.69	55.49	1.03	0.57
ruota	tratto1	330	Max WS	SC 30 4h	20.62	1.86	18.76		220.20	221.92	221.59	222.11	0.006161	1.63	2.01	12.63	49.31	1.11	0.60
ruota	tratto1	330	Max WS	SC 30 5h	18.37		18.37		220.20	221.75	221.51	222.02	0.009291	2.29	2.29	8.02	7.81	0.72	0.72
ruota	tratto1	325			Lat Struct														
ruota	tratto1	320	Max WS	SC 30 2h	21.15	0.02	21.13		219.90	221.44	221.22	221.72	0.009778	2.35	2.37	9.01	19.53	0.87	0.74
ruota	tratto1	320	Max WS	SC 30 3h	21.02	0.01	21.00		219.90	221.43	221.22	221.72	0.009835	2.35	2.37	8.93	18.82	0.86	0.75
ruota	tratto1	320	Max WS	SC 30 4h	20.62	0.00	20.62		219.90	221.41	221.21	221.70	0.010011	2.37	2.37	8.72	16.70	0.81	0.75
ruota	tratto1	320	Max WS	SC 30 5h	18.37		18.37		219.90	221.29	221.13	221.58	0.011147	2.39	2.39	7.70	10.91	0.79	0.79
ruota	tratto1	310	Max WS	SC 30 2h	21.15		21.15		219.65	221.20	221.01	221.50	0.010694	2.43	2.43	8.70	8.52	0.77	0.77
ruota	tratto1	310	Max WS	SC 30 3h	21.01		21.01		219.65	221.19	221.00	221.49	0.010700	2.43	2.43	8.66	8.51	0.77	0.77
ruota	tratto1	310	Max WS	SC 30 4h	20.62		20.62		219.65	221.18	220.99	221.48	0.010699	2.41	2.41	8.54	8.47	0.77	0.77
ruota	tratto1	310	Max WS	SC 30 5h	18.37		18.37		219.65	221.09	220.92	221.37	0.010851	2.35	2.35	7.83	8.21	0.77	0.77
ruota	tratto1	305			Lat Struct														
ruota	tratto1	300	Max WS	SC 30 2h	21.14	1.21	19.93		218.94	220.82	220.46	221.02	0.006132	1.85	2.06	11.44	36.19	0.88	0.60
ruota	tratto1	300	Max WS	SC 30 3h	21.00	1.13	19.87		218.94	220.81	220.46	221.02	0.006209	1.86	2.07	11.28	35.36	0.88	0.60
ruota	tratto1	300	Max WS	SC 30 4h	20.61	0.87	19.75		218.94	220.78	220.44	221.00	0.006570	1.92	2.11	10.72	32.22	0.89	0.62
ruota	tratto1	300	Max WS	SC 30 5h	18.37	0.09	18.28		218.94	220.62	220.36	220.88	0.008599	2.20	2.25	8.34	15.19	0.83	0.69
ruota	tratto1	290	Max WS	SC 30 2h	21.01	1.03	19.98		218.89	220.45	220.25	220.72	0.008551	2.16	2.35	9.73	16.12	0.95	0.70
ruota	tratto1	290	Max WS	SC 30 3h	20.94	1.00	19.95		218.89	220.45	220.24	220.72	0.008598	2.16	2.35	9.67	16.02	0.95	0.70
ruota	tratto1	290	Max WS	SC 30 4h	20.61	0.81	19.80		218.89	220.42	220.22	220.70	0.009012	2.21	2.39	9.31	15.31	0.96	0.72
ruota	tratto1	290	Max WS	SC 30 5h	17.11	0.05	17.06		218.89	220.26	220.08	220.55	0.010517	2.35	2.39	7.27	10.10	0.90	0.76
ruota	tratto1	280	Max WS	SC 30 2h	21.08		21.08		218.35	219.99	219.78	220.32	0.010607	2.52	2.52	8.35	7.51	0.76	0.76
ruota	tratto1	280	Max WS	SC 30 3h	20.97		20.97		218.35	219.97	219.77	220.30	0.010943	2.55	2.55	8.23	7.48	0.78	0.78
ruota	tratto1	280	Max WS	SC 30 4h	20.57		20.57		218.35	219.94	219.76	220.28	0.011628	2.59	2.59	7.94	7.39	0.80	0.80
ruota	tratto1	280	Max WS	SC 30 5h	16.16		16.16		218.35	219.92	219.60	220.13	0.007558	2.07	2.07	7.80	7.34	0.64	0.64
ruota	tratto1	270	Max WS	SC 30 2h	21.31		21.31		218.11	219.35	219.71	220.34	0.050289	4.40	4.40	4.84	6.27	1.60	1.60
ruota	tratto1	270	Max WS	SC 30 3h	21.00		21.00		218.11	219.38	219.70	220.28	0.044386	4.20	4.20	5.00	6.34	1.51	1.51
ruota	tratto1	270	Max WS	SC 30 4h	21.00		21.00		218.11	219.38	219.70	220.28	0.044386	4.20	4.20	5.00	6.34	1.51	1.51
ruota	tratto1	270	Max WS	SC 30 5h	21.00		21.00		218.11	219.38	219.70	220.28	0.044386	4.20	4.20	5.00	6.34	1.51	1.51
ruota	tratto1	260	Max WS	SC 30 2h	22.48	0.00	22.48		218.01	219.28	219.51	220.07	0.036831	3.92	3.93	5.73	11.17	1.75	1.39
ruota	tratto1	260	Max WS	SC 30 3h	23.25	0.07	23.18		218.01	219.30	219.52	220.09	0.036705	3.85	3.97	6.04	21.82	2.40	1.39
ruota	tratto1	260	Max WS	SC 30 4h	23.25	0.07	23.18		218.01	219.30	219.52	220.09	0.036705	3.85	3.97	6.04	21.82	2.40	1.39
ruota	tratto1	260	Max WS	SC 30 5h	23.25	0.07	23.18		218.01	219.30	219.52	220.09	0.036705	3.85	3.97	6.04	21.82	2.40	1.39
ruota	tratto1	250	Max WS	SC 30 2h	27.69	4.02	23.67		218.20	219.19	219.37	219.96	0.043061	3.14	4.18	8.81	46.82	2.87	1.51
ruota	tratto1	250	Max WS	SC 30 3h	29.04	4.97	24.07		218.20	219.21	219.38	219.95	0.042000	3.02	4.16	9.63	56.23	2.95	1.49
ruota	tratto1	250	Max WS	SC 30 4h	29.04	4.97	24.07		218.20	219.21	219.38	219.95	0.042000	3.02	4.16	9.63	56.23	2.95	1.49
ruota	tratto1	250	Max WS	SC 30 5h	29.04	4.97	24.07		218.20	219.21	219.38	219.95	0.042000	3.02	4.16	9.63	56.23	2.95	1.49
ruota	tratto1	245			Lat Struct														
ruota	tratto1	240	Max WS	SC 30 2h	30.02	7.83	22.19		218.00	219.12	219.25	219.59	0.026246	2.26	3.48	13.28	79.25	2.37	1.19
ruota	tratto1	240	Max WS	SC 30 3h	31.23	9.25	21.98		218.00	219.13	219.25	219.56	0.024550	2.15	3.39	14.51	84.74	2.24	1.15
ruota	tratto1	240	Max WS	SC 30 4h	31.23	9.25	21.98		218.00	219.13	219.25	219.56	0.024550	2.15	3.39	14.51	84.74	2.24	1.15
ruota	tratto1	240	Max WS	SC 30 5h	31.23	9.25	21.98		218.00	219.13	219.25	219.56	0.024550	2.15	3.39	14.51	84.74	2.24	1.15
ruota	tratto1	230	Max WS	SC 30 2h	33.07	13.70	19.37		217.95	219.00	219.12	219.37	0.024299	2.15	3.27	15.40	71.56	1.84	1.13
ruota	tratto1	230	Max WS	SC 30 3h	33.92	14.89	19.02		217.95	219.02	219.12	219.35	0.022501	2.08	3.16	16.28	72.79	1.73	1.09

HEC-RAS Locations: User Defined    Profile: Max WS (Continued)

River	Reach	River Sta	Profile	Plan	Q Total (m3/s)	Q Left (m3/s)	Q Channel (m3/s)	Q Right (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Total (m/s)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # XS	Froude # Chl
ruota	tratto1	230	Max WS	SC 30 4h	33.92	14.89	19.02		217.95	219.02	219.12	219.35	0.022501	2.08	3.16	16.28	72.79	1.73	1.09
ruota	tratto1	230	Max WS	SC 30 5h	33.92	14.89	19.02		217.95	219.02	219.12	219.35	0.022501	2.08	3.16	16.28	72.79	1.73	1.09
ruota	tratto1	220	Max WS	SC 30 2h	32.10	17.48	14.62		217.69	218.90	218.91	219.05	0.009526	1.56	2.16	20.64	64.85	0.98	0.72
ruota	tratto1	220	Max WS	SC 30 3h	33.21	18.23	14.98		217.69	218.90	218.92	219.06	0.009874	1.59	2.20	20.89	65.13	0.99	0.73
ruota	tratto1	220	Max WS	SC 30 4h	33.21	18.23	14.98		217.69	218.90	218.92	219.06	0.009874	1.59	2.20	20.89	65.13	0.99	0.73
ruota	tratto1	220	Max WS	SC 30 5h	33.21	18.23	14.98		217.69	218.90	218.92	219.06	0.009874	1.59	2.20	20.89	65.13	0.99	0.73
ruota	tratto1	210	Max WS	SC 30 2h	27.04	8.63	18.40		217.23	218.72	218.65	218.85	0.005318	1.32	1.87	20.43	62.83	0.90	0.55
ruota	tratto1	210	Max WS	SC 30 3h	29.56	10.03	19.54		217.23	218.73	218.68	218.87	0.005792	1.39	1.96	21.28	63.25	0.92	0.57
ruota	tratto1	210	Max WS	SC 30 4h	29.56	10.03	19.54		217.23	218.73	218.68	218.87	0.005792	1.39	1.96	21.28	63.25	0.92	0.57
ruota	tratto1	210	Max WS	SC 30 5h	29.56	10.03	19.54		217.23	218.73	218.68	218.87	0.005792	1.39	1.96	21.28	63.25	0.92	0.57
ruota	tratto1	200	Max WS	SC 30 2h	24.35	4.86	19.48		216.86	218.34	218.37	218.54	0.007353	1.65	2.16	14.77	43.89	1.08	0.64
ruota	tratto1	200	Max WS	SC 30 3h	26.32	5.78	20.54		216.86	218.36	218.40	218.57	0.007839	1.70	2.25	15.50	45.28	1.11	0.66
ruota	tratto1	200	Max WS	SC 30 4h	26.32	5.78	20.54		216.86	218.36	218.40	218.57	0.007839	1.70	2.25	15.50	45.28	1.11	0.66
ruota	tratto1	200	Max WS	SC 30 5h	26.32	5.78	20.54		216.86	218.36	218.40	218.57	0.007839	1.70	2.25	15.50	45.28	1.11	0.66
ruota	tratto1	195			Lat Struct														
ruota	tratto1	190	Max WS	SC 30 2h	24.35	7.45	16.90		216.73	218.21	218.16	218.35	0.005453	1.43	1.87	17.05	42.69	0.83	0.56
ruota	tratto1	190	Max WS	SC 30 3h	25.48	7.80	17.68		216.73	218.21	218.17	218.36	0.005972	1.49	1.96	17.05	42.69	0.87	0.59
ruota	tratto1	190	Max WS	SC 30 4h	25.48	7.80	17.68		216.73	218.21	218.17	218.36	0.005972	1.49	1.96	17.05	42.69	0.87	0.59
ruota	tratto1	190	Max WS	SC 30 5h	25.48	7.80	17.68		216.73	218.21	218.17	218.36	0.005972	1.49	1.96	17.05	42.69	0.87	0.59
ruota	tratto1	180	Max WS	SC 30 2h	24.35	8.48	15.87		216.57	218.11	218.01	218.21	0.003478	1.22	1.56	20.01	42.49	0.63	0.46
ruota	tratto1	180	Max WS	SC 30 3h	24.03	8.21	15.82		216.57	218.11	218.01	218.20	0.003515	1.22	1.57	19.72	42.41	0.64	0.46
ruota	tratto1	180	Max WS	SC 30 4h	24.18	7.92	16.26		216.57	218.09	218.01	218.20	0.003849	1.26	1.63	19.13	42.24	0.68	0.48
ruota	tratto1	180	Max WS	SC 30 5h	24.18	7.92	16.26		216.57	218.09	218.01	218.20	0.003849	1.26	1.63	19.13	42.24	0.68	0.48
ruota	tratto1	170	Max WS	SC 30 2h	24.34	7.84	16.51		216.40	218.03	217.87	218.12	0.003152	1.21	1.54	20.04	39.40	0.61	0.44
ruota	tratto1	170	Max WS	SC 30 3h	24.03	7.57	16.46		216.40	218.02	217.87	218.11	0.003190	1.22	1.54	19.74	39.29	0.61	0.44
ruota	tratto1	170	Max WS	SC 30 4h	23.91	7.32	16.59		216.40	218.01	217.86	218.11	0.003319	1.23	1.57	19.36	39.16	0.63	0.45
ruota	tratto1	170	Max WS	SC 30 5h	23.91	7.32	16.59		216.40	218.01	217.86	218.11	0.003319	1.23	1.57	19.36	39.16	0.63	0.45
ruota	tratto1	165			Lat Struct														
ruota	tratto1	160	Max WS	SC 30 2h	24.34	5.14	19.20		216.21	217.88	217.80	218.03	0.004804	1.47	1.84	16.54	36.20	0.79	0.53
ruota	tratto1	160	Max WS	SC 30 3h	24.03	4.83	19.20		216.21	217.87	217.79	218.02	0.004932	1.49	1.85	16.14	35.73	0.81	0.54
ruota	tratto1	160	Max WS	SC 30 4h	23.30	4.09	19.21		216.21	217.84	217.78	218.00	0.005275	1.54	1.90	15.16	34.55	0.85	0.56
ruota	tratto1	160	Max WS	SC 30 5h	22.74	3.13	19.61		216.21	217.80	217.51	217.98	0.006070	1.65	2.01	13.79	32.82	0.93	0.60
ruota	tratto1	150	Max WS	SC 30 2h	24.34	0.62	23.72		215.66	217.51	217.13	217.76	0.006630	2.06	2.21	11.79	18.73	0.88	0.62
ruota	tratto1	150	Max WS	SC 30 3h	24.02	0.56	23.45		215.66	217.51	217.12	217.75	0.006563	2.06	2.19	11.68	18.54	0.87	0.62
ruota	tratto1	150	Max WS	SC 30 4h	23.29	0.42	22.87		215.66	217.49	217.10	217.73	0.006488	2.05	2.17	11.36	17.95	0.86	0.61
ruota	tratto1	150	Max WS	SC 30 5h	22.71	0.11	22.60		215.66	217.44	217.08	217.69	0.007234	2.18	2.24	10.42	16.17	0.89	0.65
ruota	tratto1	140	Max WS	SC 30 2h	24.33	2.54	21.79		215.66	217.43	217.04	217.60	0.004720	1.67	1.89	14.58	23.34	0.73	0.54
ruota	tratto1	140	Max WS	SC 30 3h	24.01	2.45	21.56		215.66	217.43	217.03	217.60	0.004681	1.66	1.88	14.45	23.13	0.73	0.54
ruota	tratto1	140	Max WS	SC 30 4h	23.29	2.17	21.12		215.66	217.41	217.00	217.57	0.004711	1.66	1.87	13.99	22.34	0.73	0.54
ruota	tratto1	140	Max WS	SC 30 5h	22.30	1.22	21.08		215.66	217.31	216.96	217.51	0.005919	1.85	2.03	12.02	18.97	0.79	0.60
ruota	tratto1	130	Max WS	SC 30 2h	24.31	1.98	22.34		215.38	217.32	216.93	217.46	0.004285	1.53	1.71	15.93	27.89	0.70	0.51
ruota	tratto1	130	Max WS	SC 30 3h	24.00	1.88	22.12		215.38	217.31	216.92	217.45	0.004281	1.52	1.71	15.74	27.43	0.70	0.51
ruota	tratto1	130	Max WS	SC 30 4h	23.26	1.49	21.77		215.38	217.27	216.90	217.42	0.004583	1.57	1.74	14.78	25.13	0.70	0.52
ruota	tratto1	130	Max WS	SC 30 5h	20.69	0.74	19.95		215.38	217.16	216.83	217.32	0.005292	1.66	1.76	12.43	18.47	0.67	0.55
ruota	tratto1	125			Lat Struct														

River	Reach	River Sta	Profile	Plan	Q Total (m3/s)	Q Left (m3/s)	Q Channel (m3/s)	Q Right (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Total (m/s)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # XS	Froude # Chl
ruota	tratto1	120	Max WS	SC 30 2h	24.25	1.37	22.88		215.15	217.21	216.58	217.31	0.002614	1.32	1.46	18.31	28.16	0.56	0.40
ruota	tratto1	120	Max WS	SC 30 3h	23.97	1.31	22.66		215.15	217.20	216.57	217.31	0.002599	1.32	1.46	18.15	27.83	0.56	0.40
ruota	tratto1	120	Max WS	SC 30 4h	23.24	0.93	22.31		215.15	217.16	216.55	217.27	0.002790	1.37	1.48	17.01	25.41	0.56	0.41
ruota	tratto1	120	Max WS	SC 30 5h	20.69	0.21	20.48		215.15	217.02	216.49	217.14	0.003316	1.47	1.51	14.09	17.98	0.54	0.44
ruota	tratto1	110	Max WS	SC 30 2h	24.18	1.35	22.84		214.90	217.13	216.48	217.28	0.003431	1.52	1.73	15.94	31.25	0.75	0.46
ruota	tratto1	110	Max WS	SC 30 3h	23.95	1.31	22.65		214.90	217.13	216.47	217.27	0.003411	1.52	1.73	15.78	29.94	0.74	0.46
ruota	tratto1	110	Max WS	SC 30 4h	23.21	0.86	22.35		214.90	217.07	216.44	217.23	0.003729	1.61	1.77	14.37	23.69	0.71	0.48
ruota	tratto1	110	Max WS	SC 30 5h	20.69	0.05	20.64		214.90	216.92	216.36	217.09	0.004437	1.80	1.83	11.51	14.42	0.65	0.51
ruota	tratto1	100	Max WS	SC 30 2h	24.16	4.82	19.34		214.84	217.12	216.28	217.19	0.001735	1.05	1.31	22.97	39.03	0.50	0.33
ruota	tratto1	100	Max WS	SC 30 3h	23.94	4.69	19.25		214.84	217.11	216.27	217.18	0.001737	1.05	1.31	22.76	38.76	0.50	0.33
ruota	tratto1	100	Max WS	SC 30 4h	23.20	3.49	19.71		214.84	217.05	216.25	217.13	0.002052	1.14	1.39	20.39	36.74	0.56	0.35
ruota	tratto1	100	Max WS	SC 30 5h	20.69	0.47	20.22		214.84	216.86	216.17	216.99	0.003147	1.47	1.62	14.05	32.25	0.77	0.43
ruota	tratto1	90	Max WS	SC 30 2h	24.13	6.16	17.96		214.79	217.10	216.23	217.16	0.001430	0.97	1.22	24.88	39.65	0.44	0.30
ruota	tratto1	90	Max WS	SC 30 3h	23.93	6.04	17.89		214.79	217.09	216.22	217.15	0.001431	0.97	1.22	24.68	39.41	0.44	0.30
ruota	tratto1	90	Max WS	SC 30 4h	23.19	4.79	18.40		214.79	217.02	216.20	217.10	0.001708	1.05	1.31	22.12	37.14	0.49	0.33
ruota	tratto1	90	Max WS	SC 30 5h	20.69	1.28	19.41		214.79	216.82	216.12	216.94	0.002831	1.36	1.58	15.17	30.74	0.70	0.41
ruota	tratto1	80	Max WS	SC 30 2h	24.12	4.56	19.57	0.00	214.56	217.07	215.71	217.12	0.000769	0.81	0.97	29.88	36.83	0.32	0.21
ruota	tratto1	80	Max WS	SC 30 3h	23.90	4.44	19.46	0.00	214.56	217.07	215.71	217.11	0.000767	0.81	0.97	29.69	36.73	0.32	0.21
ruota	tratto1	80	Max WS	SC 30 4h	23.17	3.34	19.82		214.56	217.00	215.69	217.05	0.000883	0.85	1.02	27.12	35.82	0.35	0.23
ruota	tratto1	80	Max WS	SC 30 5h	20.68	1.13	19.56		214.56	216.79	215.61	216.85	0.001194	1.00	1.12	20.59	27.01	0.40	0.26
ruota	tratto1	75 BR U	Max WS	SC 30 2h	24.12		24.12		214.58	216.54	215.87	217.08	0.015795	2.17	2.17	11.13		0.49	0.49
ruota	tratto1	75 BR U	Max WS	SC 30 3h	23.90		23.90		214.58	216.54	215.86	217.07	0.015511	2.15	2.15	11.13		0.49	0.49
ruota	tratto1	75 BR U	Max WS	SC 30 4h	23.17		23.17		214.58	216.54	215.84	217.01	0.014570	2.08	2.08	11.13		0.47	0.47
ruota	tratto1	75 BR U	Max WS	SC 30 5h	20.68		20.68		214.58	216.54	215.75	216.81	0.011613	1.86	1.86	11.13		0.42	0.42
ruota	tratto1	75 BR D	Max WS	SC 30 2h	24.12		24.12		214.25	216.54	215.57	216.80	0.010453	1.87	1.87	12.89		0.39	0.39
ruota	tratto1	75 BR D	Max WS	SC 30 3h	23.90		23.90		214.25	216.54	215.57	216.80	0.010265	1.85	1.85	12.89		0.39	0.39
ruota	tratto1	75 BR D	Max WS	SC 30 4h	23.17		23.17		214.25	216.54	215.54	216.76	0.009642	1.80	1.80	12.89		0.38	0.38
ruota	tratto1	75 BR D	Max WS	SC 30 5h	20.68		20.68		214.25	216.53	215.46	216.62	0.003097	1.61	1.61	12.85	6.00	0.34	0.34
ruota	tratto1	70	Max WS	SC 30 2h	23.19	0.08	23.10		214.25	216.71	215.40	216.80	0.001660	1.28	1.32	18.06	21.53	0.46	0.28
ruota	tratto1	70	Max WS	SC 30 3h	23.64	0.08	23.56		214.25	216.71	215.41	216.80	0.001732	1.31	1.34	18.00	20.70	0.46	0.29
ruota	tratto1	70	Max WS	SC 30 4h	22.81	0.02	22.79		214.25	216.67	215.38	216.76	0.001699	1.31	1.32	17.39	13.77	0.38	0.28
ruota	tratto1	70	Max WS	SC 30 5h	20.63		20.63		214.25	216.53	215.32	216.62	0.001667	1.28	1.28	16.18	7.77	0.28	0.28
ruota	tratto1	60	Max WS	SC 30 2h	23.14		23.14		213.75	216.70	215.34	216.78	0.001275	1.20	1.20	19.21	10.24	0.28	0.28
ruota	tratto1	60	Max WS	SC 30 3h	23.64		23.64		213.75	216.70	215.36	216.78	0.001337	1.23	1.23	19.17	10.23	0.29	0.29
ruota	tratto1	60	Max WS	SC 30 4h	22.78		22.78		213.75	216.66	215.33	216.74	0.001312	1.21	1.21	18.79	10.15	0.28	0.28
ruota	tratto1	60	Max WS	SC 30 5h	20.63		20.63		213.75	216.53	215.26	216.60	0.001323	1.18	1.18	17.42	9.84	0.28	0.28
ruota	tratto1	50	Max WS	SC 30 2h	23.14	0.05	23.09		213.71	216.70	215.23	216.77	0.001287	1.21	1.23	19.07	16.15	0.36	0.27
ruota	tratto1	50	Max WS	SC 30 3h	23.61	0.04	23.57		213.71	216.69	215.25	216.77	0.001348	1.24	1.26	19.01	16.14	0.37	0.28
ruota	tratto1	50	Max WS	SC 30 4h	22.78	0.00	22.78		213.71	216.65	215.22	216.73	0.001325	1.24	1.24	18.43	13.20	0.33	0.28
ruota	tratto1	50	Max WS	SC 30 5h	20.63		20.63		213.71	216.52	215.14	216.59	0.001311	1.20	1.20	17.15	8.88	0.28	0.28
ruota	tratto1	40	Max WS	SC 30 2h	22.47		22.47		213.52	216.60	215.25	216.74	0.002777	1.66	1.66	13.54	5.74	0.34	0.34
ruota	tratto1	40	Max WS	SC 30 3h	23.46		23.46		213.52	216.59	215.29	216.74	0.003073	1.74	1.74	13.46	5.73	0.36	0.36
ruota	tratto1	40	Max WS	SC 30 4h	22.57		22.57		213.52	216.56	215.25	216.70	0.002945	1.70	1.70	13.29	5.71	0.36	0.36
ruota	tratto1	40	Max WS	SC 30 5h	20.63		20.63		213.52	216.43	215.18	216.57	0.002851	1.64	1.64	12.57	5.64	0.35	0.35
ruota	tratto1	35 BR U	Max WS	SC 30 2h	22.47		22.47		213.52	216.52	215.24	216.72	0.004900	1.97	1.97	11.42	3.33	0.36	0.36
ruota	tratto1	35 BR U	Max WS	SC 30 3h	23.46		23.46		213.52	216.50	215.28	216.72	0.005429	2.07	2.07	11.33	3.38	0.38	0.38

HEC-RAS Locations: User Defined Profile: Max WS (Continued)

River	Reach	River Sta		Profile	Plan	Q Total	Q Left	Q Channel	Q Right	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Total	Vel Chnl	Flow Area	Top Width	Froude # XS	Froude # Chl
						(m3/s)	(m3/s)	(m3/s)	(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m2)	(m)		
ruota	tratto1	35	BR U	Max WS	SC 30 4h	22.57		22.57		213.52	216.48	215.24	216.68	0.005092	2.01	2.01	11.26	3.43	0.37	0.37
ruota	tratto1	35	BR U	Max WS	SC 30 5h	20.63		20.63		213.52	216.36	215.17	216.54	0.004605	1.90	1.90	10.85	3.61	0.36	0.36
ruota	tratto1	35	BR D	Max WS	SC 30 2h	22.47		22.47		213.52	216.50	215.24	216.70	0.004981	1.98	1.98	11.33	3.39	0.37	0.37
ruota	tratto1	35	BR D	Max WS	SC 30 3h	23.46		23.46		213.52	216.47	215.28	216.69	0.005539	2.09	2.09	11.22	3.44	0.39	0.39
ruota	tratto1	35	BR D	Max WS	SC 30 4h	22.57		22.57		213.52	216.45	215.24	216.65	0.005194	2.02	2.02	11.15	3.48	0.38	0.38
ruota	tratto1	35	BR D	Max WS	SC 30 5h	20.63		20.63		213.52	216.33	215.17	216.52	0.004697	1.92	1.92	10.76	3.65	0.36	0.36
ruota	tratto1	30		Max WS	SC 30 2h	21.69		21.69		213.52	216.52	215.22	216.66	0.002821	1.66	1.66	13.10	5.69	0.35	0.35
ruota	tratto1	30		Max WS	SC 30 3h	23.35		23.35		213.52	216.50	215.28	216.66	0.003378	1.80	1.80	12.94	5.68	0.38	0.38
ruota	tratto1	30		Max WS	SC 30 4h	22.36		22.36		213.52	216.47	215.25	216.63	0.003183	1.75	1.75	12.81	5.66	0.37	0.37
ruota	tratto1	30		Max WS	SC 30 5h	20.62		20.62		213.52	216.36	215.18	216.50	0.003120	1.70	1.70	12.15	5.60	0.37	0.37
ruota	tratto1	20		Max WS	SC 30 2h	21.87		21.87		213.49	216.55	215.01	216.62	0.001050	1.11	1.11	19.73	10.22	0.25	0.25
ruota	tratto1	20		Max WS	SC 30 3h	23.39		23.39		213.49	216.53	215.06	216.60	0.001241	1.20	1.20	19.49	10.16	0.28	0.28
ruota	tratto1	20		Max WS	SC 30 4h	22.42		22.42		213.49	216.51	215.03	216.58	0.001180	1.17	1.17	19.23	10.10	0.27	0.27
ruota	tratto1	20		Max WS	SC 30 5h	20.62		20.62		213.49	216.38	214.96	216.45	0.001190	1.14	1.14	18.02	9.81	0.27	0.27
ruota	tratto1	10		Max WS	SC 30 2h	21.73	0.39	20.80	0.54	213.14	216.53	214.64	216.57	0.000558	0.81	0.91	26.84	35.99	0.33	0.19
ruota	tratto1	10		Max WS	SC 30 3h	23.32	0.37	22.55	0.40	213.14	216.50	214.70	216.55	0.000683	0.90	1.00	25.81	35.13	0.37	0.21
ruota	tratto1	10		Max WS	SC 30 4h	22.39	0.30	21.63	0.46	213.14	216.48	214.67	216.53	0.000653	0.90	0.97	24.99	27.72	0.32	0.21
ruota	tratto1	10		Max WS	SC 30 5h	20.62	0.10	20.33	0.19	213.14	216.36	214.60	216.40	0.000693	0.93	0.97	22.26	19.16	0.28	0.

River	Reach	River Sta	Profile	Plan	Q Total (m3/s)	Q Left (m3/s)	Q Channel (m3/s)	Q Right (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Total (m/s)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # XS	Froude # Chl
staggia	tratto1	85	Max WS	SC 30 2h	37.70	1.21	30.22	6.27	230.50	234.32	231.21	234.32	0.000014	0.18	0.20	212.33	86.81	0.04	0.04
staggia	tratto1	85	Max WS	SC 30 3h	40.86	1.44	32.37	7.05	230.50	234.50	231.25	234.50	0.000014	0.18	0.21	227.98	88.71	0.04	0.04
staggia	tratto1	85	Max WS	SC 30 4h	41.82	1.51	33.01	7.29	230.50	234.55	231.26	234.55	0.000014	0.18	0.21	232.67	89.28	0.04	0.04
staggia	tratto1	85	Max WS	SC 30 5h	39.07	1.31	31.16	6.61	230.50	234.40	231.22	234.40	0.000014	0.18	0.21	219.16	87.65	0.04	0.04
staggia	tratto1	84.5	Max WS	SC 30 2h	37.70		37.70		230.50	234.27	231.97	234.32	0.000610	1.04	1.04	36.18	13.20	0.20	0.20
staggia	tratto1	84.5	Max WS	SC 30 3h	40.86		40.86		230.50	234.45	232.04	234.50	0.000603	1.06	1.06	38.55	13.54	0.20	0.20
staggia	tratto1	84.5	Max WS	SC 30 4h	41.82		41.82		230.50	234.50	232.06	234.56	0.000601	1.07	1.07	39.26	13.64	0.20	0.20
staggia	tratto1	84.5	Max WS	SC 30 5h	39.07		39.07		230.50	234.35	232.00	234.40	0.000607	1.05	1.05	37.21	13.35	0.20	0.20
staggia	tratto1	84	Max WS	SC 30 2h	37.70		37.70		230.50	234.13		234.29	0.000616	1.73	1.73	21.80	6.00	0.29	0.29
staggia	tratto1	84	Max WS	SC 30 3h	40.86		40.86		230.50	234.30		234.46	0.000646	1.79	1.79	22.79	6.00	0.29	0.29
staggia	tratto1	84	Max WS	SC 30 4h	41.82		41.82		230.50	234.35		234.51	0.000654	1.81	1.81	23.08	6.00	0.29	0.29
staggia	tratto1	84	Max WS	SC 30 5h	39.07		39.07		230.50	234.21		234.36	0.000629	1.76	1.76	22.24	6.00	0.29	0.29
staggia	tratto1	83			Culvert														
staggia	tratto1	82	Max WS	SC 30 2h	37.70		37.70		230.70	231.27	232.29	237.49	0.130562	11.05	11.05	3.41	6.00	4.68	4.68
staggia	tratto1	82	Max WS	SC 30 3h	40.86		40.86		230.70	231.32	232.38	237.51	0.118742	11.03	11.03	3.71	6.00	4.48	4.48
staggia	tratto1	82	Max WS	SC 30 4h	41.82		41.82		230.70	231.33	232.40	237.51	0.115126	11.01	11.01	3.80	6.00	4.42	4.42
staggia	tratto1	82	Max WS	SC 30 5h	39.07		39.07		230.70	231.29	232.33	237.52	0.126053	11.06	11.06	3.53	6.00	4.60	4.60
staggia	tratto1	71.5	Max WS	SC 30 2h	37.70		37.70		228.03	231.16	229.66	231.38	0.000977	2.06	2.06	18.31	5.86	0.37	0.37
staggia	tratto1	71.5	Max WS	SC 30 3h	40.86		40.86		228.03	231.31	229.74	231.55	0.001015	2.13	2.13	19.19	5.86	0.38	0.38
staggia	tratto1	71.5	Max WS	SC 30 4h	41.82		41.82		228.03	231.36	229.77	231.60	0.001025	2.15	2.15	19.45	5.86	0.38	0.38
staggia	tratto1	71.5	Max WS	SC 30 5h	39.07		39.07		228.03	231.23	229.69	231.45	0.000996	2.09	2.09	18.67	5.86	0.37	0.37
staggia	tratto1	71.49			Lat Struct														
staggia	tratto1	71	Max WS	SC 30 2h	37.70		37.70		228.06	231.15	229.67	231.36	0.000943	2.03	2.03	18.55	6.05	0.37	0.37
staggia	tratto1	71	Max WS	SC 30 3h	40.86		40.86		228.06	231.30	229.76	231.52	0.000977	2.10	2.10	19.45	6.05	0.37	0.37
staggia	tratto1	71	Max WS	SC 30 4h	41.82		41.82		228.06	231.35	229.78	231.57	0.000986	2.12	2.12	19.73	6.05	0.37	0.37
staggia	tratto1	71	Max WS	SC 30 5h	39.07		39.07		228.06	231.21	229.71	231.43	0.000961	2.07	2.07	18.92	6.05	0.37	0.37
staggia	tratto1	70.9	Max WS	SC 30 2h	37.70		37.70		228.02	231.14	229.60	231.34	0.000899	2.00	2.00	18.88	6.05	0.36	0.36
staggia	tratto1	70.9	Max WS	SC 30 3h	40.86		40.86		228.02	231.29	229.69	231.51	0.000934	2.07	2.07	19.78	10.96	0.36	0.36
staggia	tratto1	70.9	Max WS	SC 30 4h	41.82		41.82		228.02	231.34	229.72	231.56	0.000943	2.08	2.08	20.06	12.54	0.37	0.37
staggia	tratto1	70.9	Max WS	SC 30 5h	39.07		39.07		228.02	231.20	229.64	231.41	0.000917	2.03	2.03	19.26	7.90	0.36	0.36
staggia	tratto1	70.8	Max WS	SC 30 2h	37.70		37.70		228.02	230.68	230.07	231.29	0.003924	3.45	3.45	10.91	4.10	0.68	0.68
staggia	tratto1	70.8	Max WS	SC 30 3h	40.86		40.86		228.02	230.79	230.18	231.45	0.004168	3.60	3.60	11.35	4.10	0.69	0.69
staggia	tratto1	70.8	Max WS	SC 30 4h	41.82		41.82		228.02	230.82	230.22	231.50	0.004232	3.64	3.64	11.49	4.10	0.69	0.69
staggia	tratto1	70.8	Max WS	SC 30 5h	39.07		39.07		228.02	230.72	230.12	231.36	0.004055	3.53	3.53	11.08	4.10	0.68	0.68
staggia	tratto1	70.5	Max WS	SC 30 2h	37.70		37.70		228.02	230.60	230.07	231.25	0.004252	3.56	3.56	10.58	4.10	0.71	0.71
staggia	tratto1	70.5	Max WS	SC 30 3h	40.86		40.86		228.02	230.70	230.18	231.40	0.004550	3.73	3.73	10.97	4.10	0.73	0.73
staggia	tratto1	70.5	Max WS	SC 30 4h	41.82		41.82		228.02	230.73	230.22	231.45	0.004630	3.77	3.77	11.09	4.10	0.73	0.73
staggia	tratto1	70.5	Max WS	SC 30 5h	39.07		39.07		228.02	230.63	230.12	231.31	0.004417	3.65	3.65	10.72	4.10	0.72	0.72
staggia	tratto1	70	Max WS	SC 30 2h	37.70		37.70		228.02	230.66	229.94	231.17	0.003108	3.17	3.17	11.88	4.50	0.62	0.62
staggia	tratto1	70	Max WS	SC 30 3h	40.86		40.86		228.02	230.76	230.05	231.32	0.003310	3.31	3.31	12.34	4.50	0.64	0.64
staggia	tratto1	70	Max WS	SC 30 4h	41.82		41.82		228.02	230.79	230.09	231.37	0.003364	3.35	3.35	12.48	4.50	0.64	0.64
staggia	tratto1	70	Max WS	SC 30 5h	39.07		39.07		228.02	230.70	229.99	231.23	0.003219	3.24	3.24	12.05	4.50	0.63	0.63
staggia	tratto1	69	Max WS	SC 30 2h	37.70		37.70		228.28	230.61	230.11	231.14	0.003103	3.21	3.21	11.75	5.35	0.69	0.69
staggia	tratto1	69	Max WS	SC 30 3h	40.86		40.86		228.28	230.73	230.22	231.28	0.003168	3.30	3.30	12.37	5.37	0.69	0.69
staggia	tratto1	69	Max WS	SC 30 4h	41.82		41.82		228.28	230.76	230.25	231.33	0.003192	3.33	3.33	12.55	5.38	0.70	0.70
staggia	tratto1	69	Max WS	SC 30 5h	39.07		39.07		228.28	230.66	230.16	231.20	0.003160	3.26	3.26	11.98	5.36	0.70	0.70

River	Reach	River Sta		Profile	Plan	Q Total (m3/s)	Q Left (m3/s)	Q Channel (m3/s)	Q Right (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Total (m/s)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # XS	Froude # Chl
staggia	tratto1	68	BR U	Max WS	SC 30 2h	37.70		37.70		228.28	230.46	230.11	231.07	0.003745	3.44	3.44	10.96	5.32	0.76	0.76
staggia	tratto1	68	BR U	Max WS	SC 30 3h	40.86		40.86		228.28	230.58	230.22	231.22	0.003783	3.53	3.53	11.59	5.34	0.76	0.76
staggia	tratto1	68	BR U	Max WS	SC 30 4h	41.82		41.82		228.28	230.62	230.25	231.26	0.003792	3.55	3.55	11.78	5.35	0.76	0.76
staggia	tratto1	68	BR U	Max WS	SC 30 5h	39.07		39.07		228.28	230.52	230.16	231.13	0.003763	3.48	3.48	11.23	5.33	0.76	0.76
staggia	tratto1	68	BR D	Max WS	SC 30 2h	37.70		37.70		227.96	230.05	229.74	230.64	0.014931	3.39	3.39	11.11	5.62	0.77	0.77
staggia	tratto1	68	BR D	Max WS	SC 30 3h	40.86		40.86		227.96	230.17	229.83	230.78	0.015028	3.48	3.48	11.75	5.62	0.77	0.77
staggia	tratto1	68	BR D	Max WS	SC 30 4h	41.82		41.82		227.96	230.20	229.85	230.83	0.015052	3.50	3.50	11.94	5.62	0.77	0.77
staggia	tratto1	68	BR D	Max WS	SC 30 5h	39.07		39.07		227.96	230.10	229.77	230.70	0.014985	3.43	3.43	11.38	5.62	0.77	0.77
staggia	tratto1	67		Max WS	SC 30 2h	37.70		37.70		227.96	230.03	229.74	230.63	0.015559	3.44	3.44	10.95	5.62	0.79	0.79
staggia	tratto1	67		Max WS	SC 30 3h	40.86		40.86		227.96	230.14	229.83	230.77	0.015619	3.53	3.53	11.58	5.62	0.78	0.78
staggia	tratto1	67		Max WS	SC 30 4h	41.82		41.82		227.96	230.17	229.86	230.82	0.015632	3.55	3.55	11.78	5.62	0.78	0.78
staggia	tratto1	67		Max WS	SC 30 5h	39.07		39.07		227.96	230.07	229.77	230.69	0.015597	3.48	3.48	11.22	5.62	0.79	0.79
staggia	tratto1	66		Max WS	SC 30 2h	37.70		37.70		227.96	229.74	229.74	230.57	0.024128	4.03	4.03	9.36	5.61	0.99	0.99
staggia	tratto1	66		Max WS	SC 30 3h	40.86		40.86		227.96	229.81	229.83	230.71	0.025441	4.20	4.20	9.73	5.61	1.02	1.02
staggia	tratto1	66		Max WS	SC 30 4h	41.82		41.82		227.96	229.83	229.85	230.75	0.025829	4.25	4.25	9.83	5.61	1.03	1.03
staggia	tratto1	66		Max WS	SC 30 5h	39.07		39.07		227.96	229.77	229.78	230.63	0.024688	4.10	4.10	9.52	5.61	1.00	1.00
staggia	tratto1	65.9				Lat Struct														
staggia	tratto1	65		Max WS	SC 30 2h	37.70	0.02	37.68		227.88	230.02	229.05	230.13	0.002153	1.49	1.49	25.37	17.23	0.39	0.38
staggia	tratto1	65		Max WS	SC 30 3h	40.86	0.06	40.81		227.88	230.10	229.11	230.22	0.002187	1.52	1.53	26.91	18.28	0.40	0.38
staggia	tratto1	65		Max WS	SC 30 4h	41.82	0.07	41.74		227.88	230.13	229.12	230.25	0.002195	1.53	1.54	27.38	18.59	0.40	0.39
staggia	tratto1	65		Max WS	SC 30 5h	39.07	0.03	39.04		227.88	230.06	229.07	230.17	0.002169	1.50	1.51	26.03	17.69	0.40	0.38
staggia	tratto1	64		Max WS	SC 30 2h	37.70	0.01	37.69		227.88	229.97	229.04	230.09	0.002319	1.53	1.53	24.62	16.67	0.40	0.39
staggia	tratto1	64		Max WS	SC 30 3h	40.86	0.03	40.83		227.88	230.05	229.10	230.18	0.002370	1.57	1.58	26.04	17.67	0.41	0.40
staggia	tratto1	64		Max WS	SC 30 4h	41.82	0.04	41.77		227.88	230.08	229.12	230.21	0.002379	1.58	1.59	26.49	17.98	0.42	0.40
staggia	tratto1	64		Max WS	SC 30 5h	39.07	0.02	39.05		227.88	230.01	229.07	230.13	0.002344	1.55	1.55	25.23	17.11	0.41	0.40
staggia	tratto1	63		Max WS	SC 30 2h	37.70		37.70		227.87	229.97	228.97	230.06	0.001608	1.31	1.31	28.84	18.34	0.33	0.33
staggia	tratto1	63		Max WS	SC 30 3h	40.86		40.86		227.87	230.06	229.02	230.15	0.001634	1.35	1.35	30.38	18.71	0.34	0.34
staggia	tratto1	63		Max WS	SC 30 4h	41.82		41.82		227.87	230.08	229.04	230.18	0.001639	1.36	1.36	30.85	18.82	0.34	0.34
staggia	tratto1	63		Max WS	SC 30 5h	39.07		39.07		227.87	230.01	228.99	230.10	0.001621	1.32	1.32	29.50	18.50	0.33	0.33
staggia	tratto1	62	BR U	Max WS	SC 30 2h	37.70		37.70		227.87	229.74	229.37	230.06	0.012003	2.50	2.50	15.07	10.90	0.68	0.68
staggia	tratto1	62	BR U	Max WS	SC 30 3h	40.86		40.86		227.87	229.83	229.45	230.16	0.012188	2.56	2.56	15.96	11.15	0.68	0.68
staggia	tratto1	62	BR U	Max WS	SC 30 4h	41.82		41.82		227.87	229.85	229.46	230.19	0.012244	2.58	2.58	16.23	11.22	0.68	0.68
staggia	tratto1	62	BR U	Max WS	SC 30 5h	39.07		39.07		227.87	229.78	229.40	230.11	0.012088	2.53	2.53	15.46	11.01	0.68	0.68
staggia	tratto1	62	BR D	Max WS	SC 30 2h	37.70		37.70		227.87	229.31	229.31	229.89	0.025772	3.38	3.38	11.16	9.67	1.00	1.00
staggia	tratto1	62	BR D	Max WS	SC 30 3h	40.86		40.86		227.87	229.38	229.38	229.98	0.025851	3.44	3.44	11.88	9.89	1.00	1.00
staggia	tratto1	62	BR D	Max WS	SC 30 4h	41.82		41.82		227.87	229.41	229.41	230.01	0.025794	3.45	3.45	12.11	9.96	1.00	1.00
staggia	tratto1	62	BR D	Max WS	SC 30 5h	39.07		39.07		227.87	229.34	229.34	229.93	0.025762	3.40	3.40	11.49	9.77	1.00	1.00
staggia	tratto1	61		Max WS	SC 30 2h	20.00		20.00		227.87	228.73	228.56	228.92	0.009144	1.95	1.95	10.27	13.41	0.71	0.71
staggia	tratto1	61		Max WS	SC 30 3h	20.00		20.00		227.87	228.73	228.56	228.92	0.009145	1.95	1.95	10.27	13.41	0.71	0.71
staggia	tratto1	61		Max WS	SC 30 4h	20.00		20.00		227.87	228.73	228.56	228.92	0.009146	1.95	1.95	10.27	13.41	0.71	0.71
staggia	tratto1	61		Max WS	SC 30 5h	20.00		20.00		227.87	228.73	228.56	228.92	0.009148	1.95	1.95	10.27	13.41	0.71	0.71
staggia	tratto1	60.9				Lat Struct														
staggia	tratto1	60		Max WS	SC 30 2h	37.69		37.69		227.82	228.62	228.57	228.88	0.015341	2.26	2.26	16.66	26.41	0.91	0.91
staggia	tratto1	60		Max WS	SC 30 3h	40.86		40.86		227.82	228.71	228.61	228.94	0.011722	2.12	2.12	19.30	27.62	0.81	0.81
staggia	tratto1	60		Max WS	SC 30 4h	41.74		41.74		227.82	228.74	228.62	228.96	0.011011	2.09	2.09	20.02	27.94	0.79	0.79

River	Reach	River Sta	Profile	Plan	Q Total (m3/s)	Q Left (m3/s)	Q Channel (m3/s)	Q Right (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Total (m/s)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # XS	Froude # Chl
staggia	tratto1	60	Max WS	SC 30 5h	39.07		39.07		227.82	228.66	228.59	228.90	0.013616	2.20	2.20	17.78	26.93	0.86	0.86
staggia	tratto1	59	Max WS	SC 30 2h	37.69		37.69		226.47	228.63	227.86	228.74	0.002460	1.43	1.43	26.31	20.43	0.40	0.40
staggia	tratto1	59	Max WS	SC 30 3h	40.86		40.86		226.47	228.73	227.91	228.83	0.002674	1.44	1.44	28.39	23.38	0.42	0.42
staggia	tratto1	59	Max WS	SC 30 4h	41.74		41.74		226.47	228.75	227.93	228.86	0.002718	1.44	1.44	28.97	24.15	0.42	0.42
staggia	tratto1	59	Max WS	SC 30 5h	39.07		39.07		226.47	228.67	227.88	228.78	0.002568	1.44	1.44	27.17	21.70	0.41	0.41
staggia	tratto1	58	Max WS	SC 30 2h	37.68		37.68		225.81	228.22	227.88	228.54	0.008978	2.49	2.49	15.13	12.75	0.73	0.73
staggia	tratto1	58	Max WS	SC 30 3h	40.84		40.84		225.81	228.31	227.96	228.63	0.009720	2.50	2.50	16.36	14.74	0.76	0.76
staggia	tratto1	58	Max WS	SC 30 4h	41.64		41.64		225.81	228.33	227.97	228.65	0.009837	2.49	2.49	16.70	15.24	0.76	0.76
staggia	tratto1	58	Max WS	SC 30 5h	39.05		39.05		225.81	228.26	227.92	228.58	0.009378	2.50	2.50	15.60	13.55	0.74	0.74
staggia	tratto1	57	Max WS	SC 30 2h	37.66		37.66		225.63	227.95	227.54	228.06	0.003754	1.47	1.47	25.70	31.55	0.47	0.47
staggia	tratto1	57	Max WS	SC 30 3h	40.82		40.82		225.63	228.04	227.58	228.14	0.003375	1.46	1.46	27.97	33.34	0.45	0.45
staggia	tratto1	57	Max WS	SC 30 4h	41.61		41.61		225.63	228.06	227.59	228.17	0.003286	1.46	1.46	28.56	33.79	0.45	0.45
staggia	tratto1	57	Max WS	SC 30 5h	39.02		39.02		225.63	227.98	227.56	228.09	0.003625	1.47	1.47	26.57	32.24	0.47	0.47
staggia	tratto1	56.9			Lat Struct														
staggia	tratto1	56	Max WS	SC 30 2h	20.04		7.69	12.35	224.92	227.23	226.37	227.24	0.000416	0.44	0.54	45.83	88.10	0.15	0.16
staggia	tratto1	56	Max WS	SC 30 3h	33.51		12.80	20.71	224.92	227.24	226.84	227.27	0.001107	0.72	0.89	46.62	88.93	0.25	0.26
staggia	tratto1	56	Max WS	SC 30 4h	37.80		14.40	23.39	224.92	227.25	226.97	227.28	0.001375	0.80	0.99	47.03	89.35	0.28	0.29
staggia	tratto1	56	Max WS	SC 30 5h	32.91		12.52	20.39	224.92	227.25	226.83	227.28	0.001024	0.70	0.86	47.33	89.65	0.24	0.25
staggia	tratto1	55	Max WS	SC 30 2h	56.46		16.16	40.30	224.47	227.11	226.44	227.13	0.000573	0.54	0.67	103.60	103.93	0.18	0.19
staggia	tratto1	55	Max WS	SC 30 3h	56.02		16.21	39.82	224.47	227.10	226.43	227.12	0.000583	0.55	0.67	102.31	103.31	0.18	0.19
staggia	tratto1	55	Max WS	SC 30 4h	53.66		15.57	38.08	224.47	227.10	226.38	227.11	0.000540	0.53	0.65	101.90	103.11	0.17	0.18
staggia	tratto1	55	Max WS	SC 30 5h	55.98		15.80	40.18	224.47	227.13	226.43	227.15	0.000540	0.53	0.64	105.41	104.80	0.17	0.18
staggia	tratto1	53	Max WS	SC 30 2h	59.58		59.58		223.40	226.02	225.91	226.58	0.014340	3.33	3.33	17.89	104.76	0.90	0.90
staggia	tratto1	53	Max WS	SC 30 3h	58.88		58.88		223.40	226.01	225.90	226.57	0.014031	3.29	3.29	17.88	104.65	0.89	0.89
staggia	tratto1	53	Max WS	SC 30 4h	59.10		59.10		223.40	226.02	225.90	226.57	0.014075	3.30	3.30	17.90	104.91	0.89	0.89
staggia	tratto1	53	Max WS	SC 30 5h	56.89		56.89		223.40	226.00	225.87	226.53	0.013528	3.22	3.22	17.68	102.74	0.87	0.87
staggia	tratto1	52	Max WS	SC 30 2h	59.36	30.20	25.66	3.50	222.78	225.58	224.58	225.60	0.000748	0.51	0.74	116.31	176.92	0.23	0.22
staggia	tratto1	52	Max WS	SC 30 3h	58.78	29.95	25.34	3.49	222.78	225.58	224.57	225.60	0.000721	0.50	0.73	117.07	177.38	0.22	0.21
staggia	tratto1	52	Max WS	SC 30 4h	58.94	30.13	25.28	3.54	222.78	225.59	224.58	225.61	0.000700	0.50	0.72	118.59	178.29	0.22	0.21
staggia	tratto1	52	Max WS	SC 30 5h	56.73	28.17	25.47	3.09	222.78	225.52	224.54	225.54	0.000875	0.54	0.78	106.04	170.58	0.25	0.23
staggia	tratto1	51	Max WS	SC 30 2h	53.73	1.07	52.40	0.26	222.16	225.18	224.63	225.51	0.006111	2.11	2.60	25.47	109.88	1.70	0.63
staggia	tratto1	51	Max WS	SC 30 3h	53.90	1.22	52.40	0.28	222.16	225.18	224.64	225.52	0.006064	2.08	2.59	25.98	111.00	1.69	0.62
staggia	tratto1	51	Max WS	SC 30 4h	53.93	1.26	52.38	0.29	222.16	225.18	224.64	225.52	0.006046	2.07	2.59	26.11	111.29	1.68	0.62
staggia	tratto1	51	Max WS	SC 30 5h	55.93	2.55	52.94	0.44	222.16	225.21	224.67	225.53	0.005850	1.89	2.57	29.64	117.15	1.59	0.61
staggia	tratto1	50	Max WS	SC 30 2h	54.17		47.76	6.42	221.93	224.61	224.69	224.95	0.008063	1.96	2.74	27.62	68.44	1.30	0.69
staggia	tratto1	50	Max WS	SC 30 3h	57.10		49.92	7.18	221.93	224.62	224.73	224.98	0.008659	2.02	2.85	28.25	69.13	1.34	0.71
staggia	tratto1	50	Max WS	SC 30 4h	58.04		49.86	8.18	221.93	224.64	224.75	224.99	0.008343	1.96	2.81	29.57	70.54	1.29	0.70
staggia	tratto1	50	Max WS	SC 30 5h	57.31		52.90	4.41	221.93	224.56	224.74	225.02	0.010944	2.38	3.14	24.08	64.45	1.58	0.80
staggia	tratto1	49	Max WS	SC 30 2h	60.15	17.24	42.91		221.31	224.36	223.95	224.50	0.002916	1.42	1.87	42.25	42.14	0.53	0.43
staggia	tratto1	49	Max WS	SC 30 3h	60.77	17.61	43.15		221.31	224.37	223.95	224.51	0.002901	1.42	1.87	42.69	42.29	0.52	0.43
staggia	tratto1	49	Max WS	SC 30 4h	61.98	18.34	43.64		221.31	224.39	223.96	224.53	0.002875	1.42	1.87	43.53	42.56	0.52	0.43
staggia	tratto1	49	Max WS	SC 30 5h	57.30	15.60	41.70		221.31	224.32	223.91	224.46	0.002967	1.42	1.86	40.34	41.51	0.53	0.44
staggia	tratto1	48	Max WS	SC 30 2h	58.01	2.31	55.53	0.17	221.03	223.88	223.45	224.25	0.007164	2.29	2.76	25.29	55.57	1.28	0.68
staggia	tratto1	48	Max WS	SC 30 3h	60.72	2.50	58.02	0.20	221.03	223.88	223.51	224.28	0.007767	2.38	2.88	25.51	56.28	1.34	0.71
staggia	tratto1	48	Max WS	SC 30 4h	61.95	2.79	58.90	0.25	221.03	223.89	223.53	224.30	0.007856	2.37	2.91	26.12	58.17	1.35	0.71
staggia	tratto1	48	Max WS	SC 30 5h	57.28	2.19	54.93	0.16	221.03	223.87	223.44	224.24	0.007062	2.29	2.74	25.05	54.80	1.27	0.67



River	Reach	River Sta	Profile	Plan	Q Total (m3/s)	Q Left (m3/s)	Q Channel (m3/s)	Q Right (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Total (m/s)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # XS	Froude # Chl
staggia	tratto1	47	Max WS	SC 30 2h	59.97	0.38	54.74	4.85	220.73	223.68	223.50	224.02	0.006256	2.19	2.67	27.37	76.34	1.26	0.64
staggia	tratto1	47	Max WS	SC 30 3h	60.44	0.38	55.04	5.02	220.73	223.69	223.50	224.03	0.006222	2.16	2.67	27.95	83.11	1.30	0.64
staggia	tratto1	47	Max WS	SC 30 4h	61.78	0.78	55.54	5.46	220.73	223.71	223.53	224.04	0.006073	2.09	2.66	29.55	83.81	1.26	0.64
staggia	tratto1	47	Max WS	SC 30 5h	57.14	0.11	53.14	3.90	220.73	223.63	223.30	223.97	0.006483	2.28	2.67	25.06	46.44	1.00	0.65
staggia	tratto1	46	Max WS	SC 30 2h	59.92	3.61	51.20	5.11	220.16	223.32	222.83	223.55	0.003790	1.81	2.30	33.12	48.92	0.71	0.50
staggia	tratto1	46	Max WS	SC 30 3h	60.40	3.80	51.35	5.25	220.16	223.33	222.85	223.56	0.003737	1.80	2.29	33.58	49.10	0.71	0.50
staggia	tratto1	46	Max WS	SC 30 4h	61.71	4.35	51.71	5.65	220.16	223.37	222.89	223.59	0.003579	1.77	2.27	34.93	49.63	0.69	0.49
staggia	tratto1	46	Max WS	SC 30 5h	57.10	2.54	50.31	4.25	220.16	223.24	222.61	223.49	0.004151	1.88	2.35	30.31	47.80	0.76	0.52
staggia	tratto1	45	Max WS	SC 30 2h	59.91		59.91		220.03	222.91	222.40	223.33	0.007068	2.85	2.85	20.99	11.41	0.67	0.67
staggia	tratto1	45	Max WS	SC 30 3h	60.39		60.39		220.03	222.92	222.41	223.34	0.007078	2.86	2.86	21.11	11.43	0.67	0.67
staggia	tratto1	45	Max WS	SC 30 4h	61.70		61.70		220.03	222.95	222.43	223.37	0.007090	2.88	2.88	21.43	11.51	0.67	0.67
staggia	tratto1	45	Max WS	SC 30 5h	57.09		57.09		220.03	222.85	222.34	223.26	0.007018	2.81	2.81	20.32	11.25	0.67	0.67
staggia	tratto1	44.5			Lat Struct														
staggia	tratto1	44	Max WS	SC 30 2h	59.89		59.89		219.79	222.48	221.96	222.84	0.006324	2.65	2.65	22.62	13.22	0.65	0.65
staggia	tratto1	44	Max WS	SC 30 3h	60.35		60.35		219.79	222.49	221.97	222.85	0.006318	2.65	2.65	22.76	13.25	0.65	0.65
staggia	tratto1	44	Max WS	SC 30 4h	61.68		61.68		219.79	222.52	221.99	222.88	0.006284	2.66	2.66	23.16	13.35	0.65	0.65
staggia	tratto1	44	Max WS	SC 30 5h	57.06		57.06		219.79	222.41	221.91	222.76	0.006385	2.62	2.62	21.76	13.00	0.65	0.65
staggia	tratto1	42	Max WS	SC 30 2h	59.84		59.84		219.11	221.99	220.94	222.18	0.003024	1.96	1.96	30.49	15.85	0.45	0.45
staggia	tratto1	42	Max WS	SC 30 3h	60.27		60.27		219.11	222.00	220.95	222.19	0.003024	1.97	1.97	30.65	15.89	0.45	0.45
staggia	tratto1	42	Max WS	SC 30 4h	61.62		61.62		219.11	222.03	220.97	222.23	0.003016	1.98	1.98	31.19	16.03	0.45	0.45
staggia	tratto1	42	Max WS	SC 30 5h	57.02		57.02		219.11	221.92	220.88	222.11	0.003032	1.94	1.94	29.38	15.56	0.45	0.45
staggia	tratto1	41.9			Lat Struct														
staggia	tratto1	41.5	Max WS	SC 30 2h	59.83		59.83		219.07	221.96	220.66	222.09	0.001865	1.61	1.61	37.26	18.66	0.36	0.36
staggia	tratto1	41.5	Max WS	SC 30 3h	60.27		60.27		219.07	221.97	220.67	222.10	0.001867	1.61	1.61	37.46	18.71	0.36	0.36
staggia	tratto1	41.5	Max WS	SC 30 4h	61.61		61.61		219.07	222.00	220.69	222.14	0.001864	1.62	1.62	38.10	18.87	0.36	0.36
staggia	tratto1	41.5	Max WS	SC 30 5h	57.01		57.01		219.07	221.89	220.62	222.01	0.001865	1.59	1.59	35.94	18.33	0.36	0.36
staggia	tratto1	41.2 BR U	Max WS	SC 30 2h	59.83		59.83		219.07	221.95	220.66	222.09	0.001873	1.61	1.61	37.21	18.65	0.36	0.36
staggia	tratto1	41.2 BR U	Max WS	SC 30 3h	60.27		60.27		219.07	221.97	220.67	222.10	0.001875	1.61	1.61	37.40	18.70	0.36	0.36
staggia	tratto1	41.2 BR U	Max WS	SC 30 4h	61.61		61.61		219.07	222.00	220.70	222.13	0.001872	1.62	1.62	38.04	18.86	0.36	0.36
staggia	tratto1	41.2 BR U	Max WS	SC 30 5h	57.01		57.01		219.07	221.88	220.62	222.01	0.001873	1.59	1.59	35.89	18.31	0.36	0.36
staggia	tratto1	41.2 BR D	Max WS	SC 30 2h	59.83		59.83		219.07	221.95	220.66	222.08	0.001884	1.61	1.61	37.13	18.63	0.36	0.36
staggia	tratto1	41.2 BR D	Max WS	SC 30 3h	60.27		60.27		219.07	221.96	220.67	222.09	0.001886	1.62	1.62	37.32	18.68	0.36	0.36
staggia	tratto1	41.2 BR D	Max WS	SC 30 4h	61.61		61.61		219.07	222.00	220.70	222.13	0.001883	1.62	1.62	37.96	18.84	0.36	0.36
staggia	tratto1	41.2 BR D	Max WS	SC 30 5h	57.01		57.01		219.07	221.88	220.62	222.01	0.001884	1.59	1.59	35.81	18.29	0.36	0.36
staggia	tratto1	41	Max WS	SC 30 2h	59.83		59.83		219.07	221.95	220.66	222.08	0.001889	1.61	1.61	37.09	18.62	0.36	0.36
staggia	tratto1	41	Max WS	SC 30 3h	60.25		60.25		219.07	221.96	220.67	222.09	0.001890	1.62	1.62	37.28	18.67	0.37	0.37
staggia	tratto1	41	Max WS	SC 30 4h	61.61		61.61		219.07	221.99	220.69	222.13	0.001888	1.62	1.62	37.92	18.83	0.37	0.37
staggia	tratto1	41	Max WS	SC 30 5h	57.01		57.01		219.07	221.88	220.62	222.01	0.001889	1.59	1.59	35.77	18.28	0.36	0.36
staggia	tratto1	40	Max WS	SC 30 2h	59.83		59.83		219.06	221.96	220.35	222.05	0.001033	1.32	1.32	45.46	17.92	0.26	0.26
staggia	tratto1	40	Max WS	SC 30 3h	60.27		60.27		219.06	221.97	220.36	222.06	0.001036	1.32	1.32	45.64	17.93	0.26	0.26
staggia	tratto1	40	Max WS	SC 30 4h	61.61		61.61		219.06	222.01	220.38	222.10	0.001041	1.33	1.33	46.26	17.98	0.27	0.27
staggia	tratto1	40	Max WS	SC 30 5h	57.01		57.01		219.06	221.89	220.32	221.98	0.001020	1.29	1.29	44.18	17.83	0.26	0.26
staggia	tratto1	39 BR U	Max WS	SC 30 2h	59.83		59.83		219.06	221.87	220.45	222.04	0.003236	1.78	1.78	33.53	9.08	0.34	0.34
staggia	tratto1	39 BR U	Max WS	SC 30 3h	60.27		60.27		219.06	221.88	220.46	222.05	0.003268	1.79	1.79	33.61	9.04	0.34	0.34
staggia	tratto1	39 BR U	Max WS	SC 30 4h	61.61		61.61		219.06	221.91	220.48	222.08	0.003359	1.82	1.82	33.88	8.90	0.34	0.34

River	Reach	River Sta	Profile	Plan	Q Total (m3/s)	Q Left (m3/s)	Q Channel (m3/s)	Q Right (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Total (m/s)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # XS	Froude # Chl
staggia	tratto1	39 BR U	Max WS	SC 30 5h	57.01		57.01		219.06	221.81	220.41	221.96	0.003049	1.73	1.73	32.94	9.38	0.33	0.33
staggia	tratto1	39 BR D	Max WS	SC 30 2h	59.83		59.83		219.04	221.85	220.43	222.02	0.003197	1.78	1.78	33.62	9.18	0.34	0.34
staggia	tratto1	39 BR D	Max WS	SC 30 3h	60.27		60.27		219.04	221.86	220.44	222.03	0.003229	1.79	1.79	33.70	9.14	0.34	0.34
staggia	tratto1	39 BR D	Max WS	SC 30 4h	61.61		61.61		219.04	221.89	220.46	222.06	0.003319	1.81	1.81	33.97	9.00	0.34	0.34
staggia	tratto1	39 BR D	Max WS	SC 30 5h	57.01		57.01		219.04	221.79	220.39	221.94	0.003012	1.73	1.73	33.03	9.47	0.33	0.33
staggia	tratto1	38	Max WS	SC 30 2h	59.83		59.83		219.04	221.90	220.33	221.99	0.001088	1.34	1.34	44.66	17.86	0.27	0.27
staggia	tratto1	38	Max WS	SC 30 3h	60.25		60.25		219.04	221.91	220.34	222.00	0.001091	1.34	1.34	44.83	17.87	0.27	0.27
staggia	tratto1	38	Max WS	SC 30 4h	61.60		61.60		219.04	221.94	220.36	222.03	0.001099	1.36	1.36	45.40	17.91	0.27	0.27
staggia	tratto1	38	Max WS	SC 30 5h	57.00		57.00		219.04	221.83	220.30	221.92	0.001069	1.31	1.31	43.48	17.78	0.27	0.27
staggia	tratto1	37.5			Lat Struct														
staggia	tratto1	37	Max WS	SC 30 2h	59.81		59.81		219.15	221.86	220.63	221.98	0.001625	1.52	1.52	39.23	73.07	0.34	0.34
staggia	tratto1	37	Max WS	SC 30 3h	60.23		60.23		219.15	221.87	220.63	221.99	0.001625	1.53	1.53	39.43	73.14	0.34	0.34
staggia	tratto1	37	Max WS	SC 30 4h	61.58		61.58		219.15	221.90	220.65	222.02	0.001626	1.54	1.54	40.06	73.37	0.35	0.35
staggia	tratto1	37	Max WS	SC 30 5h	56.99		56.99		219.15	221.79	220.59	221.91	0.001621	1.50	1.50	37.93	72.59	0.34	0.34
staggia	tratto1	36	Max WS	SC 30 2h	59.79		59.79		218.89	221.22	220.96	221.76	0.010182	3.27	3.27	18.26	68.15	0.81	0.81
staggia	tratto1	36	Max WS	SC 30 3h	60.20		60.20		218.89	221.22	220.97	221.77	0.010203	3.28	3.28	18.34	68.21	0.81	0.81
staggia	tratto1	36	Max WS	SC 30 4h	61.55		61.55		218.89	221.25	221.00	221.81	0.010265	3.31	3.31	18.59	68.40	0.81	0.81
staggia	tratto1	36	Max WS	SC 30 5h	56.96		56.96		218.89	221.17	220.90	221.69	0.010033	3.21	3.21	17.73	67.76	0.80	0.80
staggia	tratto1	35.5	Max WS	SC 30 2h	59.78		59.78		217.85	221.13	220.42	221.44	0.005167	2.48	2.48	24.11	16.74	0.58	0.58
staggia	tratto1	35.5	Max WS	SC 30 3h	60.20		60.20		217.85	221.13	220.43	221.45	0.005184	2.49	2.49	24.20	16.78	0.58	0.58
staggia	tratto1	35.5	Max WS	SC 30 4h	61.55		61.55		217.85	221.16	220.45	221.48	0.005240	2.51	2.51	24.51	16.89	0.59	0.59
staggia	tratto1	35.5	Max WS	SC 30 5h	56.96		56.96		217.85	221.08	220.36	221.38	0.005041	2.43	2.43	23.47	16.51	0.57	0.57
staggia	tratto1	35	Max WS	SC 30 2h	59.78		59.78		218.10	220.92	220.44	221.35	0.007532	2.90	2.90	20.60	11.52	0.69	0.69
staggia	tratto1	35	Max WS	SC 30 3h	60.20		60.20		218.10	220.93	220.45	221.36	0.007578	2.91	2.91	20.66	11.53	0.69	0.69
staggia	tratto1	35	Max WS	SC 30 4h	61.55		61.55		218.10	220.94	220.47	221.39	0.007725	2.95	2.95	20.86	11.58	0.70	0.70
staggia	tratto1	35	Max WS	SC 30 5h	56.96		56.96		218.10	220.89	220.39	221.29	0.007212	2.82	2.82	20.20	11.41	0.68	0.68
staggia	tratto1	34.85			Lat Struct														
staggia	tratto1	33	Max WS	SC 30 2h	59.77		59.77		217.61	220.84	219.68	220.94	0.001893	1.43	1.43	41.85	26.32	0.36	0.36
staggia	tratto1	33	Max WS	SC 30 3h	60.19		60.19		217.61	220.85	219.68	220.95	0.001898	1.43	1.43	42.00	26.34	0.36	0.36
staggia	tratto1	33	Max WS	SC 30 4h	61.54		61.54		217.61	220.87	219.70	220.97	0.001914	1.45	1.45	42.52	26.42	0.36	0.36
staggia	tratto1	33	Max WS	SC 30 5h	56.95		56.95		217.61	220.80	219.62	220.90	0.001858	1.40	1.40	40.78	26.17	0.36	0.36
staggia	tratto1	32	Max WS	SC 30 2h	59.77		59.77		217.92	220.75	219.97	220.86	0.002166	1.48	1.48	40.29	27.04	0.39	0.39
staggia	tratto1	32	Max WS	SC 30 3h	60.18		60.18		217.92	220.75	219.98	220.86	0.002170	1.49	1.49	40.45	27.06	0.39	0.39
staggia	tratto1	32	Max WS	SC 30 4h	61.54		61.54		217.92	220.77	219.99	220.89	0.002185	1.50	1.50	40.95	27.11	0.39	0.39
staggia	tratto1	32	Max WS	SC 30 5h	56.95		56.95		217.92	220.71	219.94	220.81	0.002131	1.45	1.45	39.25	26.91	0.38	0.38
staggia	tratto1	31	Max WS	SC 30 2h	59.77		59.77		217.64	220.35	220.18	220.66	0.010234	2.45	2.45	24.35	24.30	0.78	0.78
staggia	tratto1	31	Max WS	SC 30 3h	60.18		60.18		217.64	220.35	220.19	220.66	0.010273	2.46	2.46	24.43	24.32	0.78	0.78
staggia	tratto1	31	Max WS	SC 30 4h	61.54		61.54		217.64	220.36	220.20	220.68	0.010382	2.49	2.49	24.70	24.38	0.79	0.79
staggia	tratto1	31	Max WS	SC 30 5h	56.95		56.95		217.64	220.33	220.15	220.62	0.009971	2.39	2.39	23.78	24.17	0.77	0.77
staggia	tratto1	30	Max WS	SC 30 2h	59.77		59.77		217.45	220.15	219.55	220.26	0.004524	1.51	1.51	39.63	45.77	0.52	0.52
staggia	tratto1	30	Max WS	SC 30 3h	60.18		60.18		217.45	220.15	219.55	220.27	0.004536	1.51	1.51	39.77	45.80	0.52	0.52
staggia	tratto1	30	Max WS	SC 30 4h	61.54		61.54		217.45	220.16	219.57	220.28	0.004585	1.53	1.53	40.20	45.87	0.52	0.52
staggia	tratto1	30	Max WS	SC 30 5h	56.95		56.95		217.45	220.13	219.52	220.24	0.004415	1.47	1.47	38.72	45.61	0.51	0.51
staggia	tratto1	29	Max WS	SC 30 2h	59.75		59.75		217.23	219.64	219.41	219.78	0.007871	1.66	1.66	36.10	55.08	0.65	0.65
staggia	tratto1	29	Max WS	SC 30 3h	60.15		60.15		217.23	219.65	219.41	219.78	0.007833	1.66	1.66	36.32	55.15	0.65	0.65

River	Reach	River Sta	Profile	Plan	Q Total (m3/s)	Q Left (m3/s)	Q Channel (m3/s)	Q Right (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Total (m/s)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # XS	Froude # Chl
staggia	tratto1	29	Max WS	SC 30 4h	61.52		61.52		217.23	219.66	219.42	219.80	0.007723	1.66	1.66	37.02	55.36	0.65	0.65
staggia	tratto1	29	Max WS	SC 30 5h	56.94		56.94		217.23	219.61	219.36	219.75	0.008107	1.64	1.64	34.64	54.63	0.66	0.66
staggia	tratto1	28	Max WS	SC 30 2h	59.74		59.74		217.07	219.43	218.81	219.50	0.002590	1.19	1.19	50.09	53.88	0.39	0.39
staggia	tratto1	28	Max WS	SC 30 3h	60.14		60.14		217.07	219.43	218.82	219.50	0.002591	1.20	1.20	50.32	53.96	0.40	0.40
staggia	tratto1	28	Max WS	SC 30 4h	61.51		61.51		217.07	219.44	218.83	219.52	0.002603	1.20	1.20	51.06	54.31	0.40	0.40
staggia	tratto1	28	Max WS	SC 30 5h	56.93		56.93		217.07	219.40	218.70	219.47	0.002582	1.17	1.17	48.52	53.36	0.39	0.39
staggia	tratto1	27	Max WS	SC 30 2h	59.73		59.73		217.09	219.34	218.71	219.42	0.002250	1.22	1.22	48.93	46.35	0.38	0.38
staggia	tratto1	27	Max WS	SC 30 3h	60.14		60.14		217.09	219.34	218.72	219.42	0.002272	1.22	1.22	49.10	46.62	0.38	0.38
staggia	tratto1	27	Max WS	SC 30 4h	61.51		61.51		217.09	219.36	218.73	219.43	0.002345	1.24	1.24	49.66	47.49	0.39	0.39
staggia	tratto1	27	Max WS	SC 30 5h	56.92		56.92		217.09	219.32	218.69	219.39	0.002183	1.19	1.19	47.77	45.89	0.37	0.37
staggia	tratto1	26	Max WS	SC 30 2h	59.71		59.71		216.91	219.05	218.84	219.19	0.006806	1.66	1.66	35.96	48.97	0.62	0.62
staggia	tratto1	26	Max WS	SC 30 3h	60.12		60.12		216.91	219.06	218.84	219.20	0.006827	1.67	1.67	36.08	48.99	0.62	0.62
staggia	tratto1	26	Max WS	SC 30 4h	61.50		61.50		216.91	219.07	218.85	219.21	0.006817	1.68	1.68	36.62	49.08	0.62	0.62
staggia	tratto1	26	Max WS	SC 30 5h	56.91		56.91		216.91	219.04	218.81	219.17	0.006695	1.62	1.62	35.07	48.82	0.61	0.61
staggia	tratto1	25	Max WS	SC 30 2h	59.67		59.67		215.99	218.36	218.24	218.61	0.012161	2.25	2.25	26.56	34.86	0.82	0.82
staggia	tratto1	25	Max WS	SC 30 3h	60.09		60.09		215.99	218.36	218.24	218.62	0.012043	2.24	2.24	26.82	35.09	0.82	0.82
staggia	tratto1	25	Max WS	SC 30 4h	61.47		61.47		215.99	218.38	218.25	218.64	0.011885	2.24	2.24	27.47	35.65	0.81	0.81
staggia	tratto1	25	Max WS	SC 30 5h	56.89		56.89		215.99	218.31	218.21	218.58	0.012858	2.28	2.28	24.98	33.46	0.84	0.84
staggia	tratto1	24	Max WS	SC 30 2h	59.62		59.62		215.69	218.17	217.66	218.31	0.004386	1.68	1.68	35.45	32.84	0.52	0.52
staggia	tratto1	24	Max WS	SC 30 3h	60.07		60.07		215.69	218.18	217.67	218.32	0.004383	1.68	1.68	35.71	33.06	0.52	0.52
staggia	tratto1	24	Max WS	SC 30 4h	61.46		61.46		215.69	218.20	217.68	218.34	0.004429	1.69	1.69	36.29	33.52	0.52	0.52
staggia	tratto1	24	Max WS	SC 30 5h	56.86		56.86		215.69	218.12	217.64	218.26	0.004429	1.68	1.68	33.78	31.46	0.52	0.52
staggia	tratto1	23	Max WS	SC 30 2h	59.53		59.53		215.45	217.98	217.30	218.05	0.003089	1.13	1.13	52.59	69.63	0.42	0.42
staggia	tratto1	23	Max WS	SC 30 3h	59.96		59.96		215.45	217.99	217.30	218.06	0.003035	1.13	1.13	53.12	69.70	0.41	0.41
staggia	tratto1	23	Max WS	SC 30 4h	61.41		61.41		215.45	218.01	217.32	218.07	0.002972	1.13	1.13	54.27	69.85	0.41	0.41
staggia	tratto1	23	Max WS	SC 30 5h	56.80		56.80		215.45	217.94	217.27	218.00	0.003422	1.15	1.15	49.41	69.05	0.43	0.43
staggia	tratto1	22	Max WS	SC 30 2h	59.44		59.44		214.92	217.78	216.96	217.86	0.001835	1.19	1.19	49.82	41.40	0.35	0.35
staggia	tratto1	22	Max WS	SC 30 3h	59.46		59.46		214.92	217.80	216.96	217.87	0.001783	1.18	1.18	50.28	41.43	0.34	0.34
staggia	tratto1	22	Max WS	SC 30 4h	61.38		61.38		214.92	217.81	216.98	217.89	0.001822	1.20	1.20	50.94	41.48	0.35	0.35
staggia	tratto1	22	Max WS	SC 30 5h	56.75		56.75		214.92	217.74	216.93	217.81	0.001898	1.19	1.19	47.89	41.25	0.35	0.35
staggia	tratto1	21	Max WS	SC 30 2h	58.50		58.50		214.69	217.73	216.55	217.79	0.001057	1.07	1.07	54.89	35.27	0.27	0.27
staggia	tratto1	21	Max WS	SC 30 3h	59.45		59.45		214.69	217.74	216.56	217.80	0.001068	1.08	1.08	55.29	35.31	0.27	0.27
staggia	tratto1	21	Max WS	SC 30 4h	61.37		61.37		214.69	217.76	216.59	217.82	0.001107	1.10	1.10	55.79	35.36	0.28	0.28
staggia	tratto1	21	Max WS	SC 30 5h	56.75		56.75		214.69	217.68	216.52	217.74	0.001100	1.07	1.07	53.16	35.11	0.28	0.28
staggia	tratto1	20	Max WS	SC 30 2h	58.47		58.47		214.30	217.69	216.30	217.74	0.000813	0.98	0.98	59.83	35.92	0.24	0.24
staggia	tratto1	20	Max WS	SC 30 3h	59.44		59.44		214.30	217.70	216.32	217.75	0.000824	0.99	0.99	60.21	35.96	0.24	0.24
staggia	tratto1	20	Max WS	SC 30 4h	61.37		61.37		214.30	217.72	216.35	217.77	0.000858	1.01	1.01	60.66	36.00	0.25	0.25
staggia	tratto1	20	Max WS	SC 30 5h	56.73		56.73		214.30	217.64	216.27	217.69	0.000844	0.98	0.98	57.98	35.75	0.25	0.25
staggia	tratto1	19	Max WS	SC 30 2h	58.16		58.16		214.92	217.54	216.86	217.65	0.002822	1.50	1.50	38.74	31.75	0.43	0.43
staggia	tratto1	19	Max WS	SC 30 3h	59.41		59.41		214.92	217.54	216.88	217.66	0.002895	1.53	1.53	38.95	32.21	0.44	0.44
staggia	tratto1	19	Max WS	SC 30 4h	61.36		61.36		214.92	217.55	216.90	217.67	0.003068	1.57	1.57	39.04	32.39	0.45	0.45
staggia	tratto1	19	Max WS	SC 30 5h	56.71		56.71		214.92	217.47	216.84	217.59	0.003159	1.55	1.55	36.70	30.97	0.45	0.45
staggia	tratto1	18	Max WS	SC 30 2h	57.88	0.11	57.77		214.79	217.38	216.61	217.48	0.002301	1.41	1.42	40.95	62.59	0.41	0.39
staggia	tratto1	18	Max WS	SC 30 3h	59.35	0.11	59.24		214.79	217.38	216.63	217.49	0.002422	1.45	1.46	40.93	62.58	0.42	0.40
staggia	tratto1	18	Max WS	SC 30 4h	61.35	0.10	61.25		214.79	217.37	216.65	217.49	0.002649	1.51	1.52	40.55	62.32	0.44	0.42
staggia	tratto1	18	Max WS	SC 30 5h	56.69	0.03	56.66		214.79	217.29	216.60	217.40	0.002667	1.49	1.50	38.00	60.36	0.44	0.42

HEC-RAS Locations: User Defined    Profile: Max WS (Continued)

River	Reach	River Sta	Profile	Plan	Q Total	Q Left	Q Channel	Q Right	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Total	Vel Chnl	Flow Area	Top Width	Froude # XS	Froude # Chl
					(m3/s)	(m3/s)	(m3/s)	(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m/s)	(m2)	(m)		
staggia	tratto1	17.99			Lat Struct														
staggia	tratto1	17	Max WS	SC 30 2h	63.02	1.23	61.79		213.74	217.01	216.58	217.18	0.004642	1.71	1.82	36.96	48.53	0.66	0.54
staggia	tratto1	17	Max WS	SC 30 3h	64.26	1.07	63.19		213.74	217.00	216.58	217.18	0.005085	1.78	1.89	36.14	48.34	0.69	0.56
staggia	tratto1	17	Max WS	SC 30 4h	65.32	0.99	64.33		213.74	216.99	216.60	217.18	0.005403	1.83	1.94	35.72	48.24	0.71	0.58
staggia	tratto1	17	Max WS	SC 30 5h	59.21	0.07	59.15		213.74	216.88	216.22	217.08	0.006294	1.94	1.97	30.51	46.81	0.78	0.62
staggia	tratto1	16.75*	Max WS	SC 30 2h	61.82		61.82		213.43	216.87	215.97	217.04	0.004703	1.83	1.83	33.82	47.42	0.54	0.54
staggia	tratto1	16.75*	Max WS	SC 30 3h	63.69		63.69		213.43	216.83	216.01	217.02	0.005363	1.95	1.95	32.68	45.31	0.58	0.58
staggia	tratto1	16.75*	Max WS	SC 30 4h	65.22		65.22		213.43	216.79	216.04	217.01	0.006027	2.05	2.05	31.79	42.66	0.61	0.61
staggia	tratto1	16.75*	Max WS	SC 30 5h	55.78		55.78		213.43	216.65	215.85	216.85	0.006313	1.99	1.99	27.98	38.54	0.62	0.62
staggia	tratto1	16.50			Lat Struct														
staggia	tratto1	16.30	Max WS	SC 30 2h	91.02		69.81	21.21	213.29	216.51	215.93	216.67	0.003632	1.59	1.94	57.35	77.45	0.60	0.50
staggia	tratto1	16.30	Max WS	SC 30 3h	87.02		66.99	20.04	213.29	216.50	215.88	216.65	0.003426	1.54	1.87	56.54	75.69	0.58	0.48
staggia	tratto1	16.30	Max WS	SC 30 4h	85.13		66.16	18.96	213.29	216.46	215.85	216.62	0.003577	1.57	1.89	54.39	72.06	0.58	0.49
staggia	tratto1	16.30	Max WS	SC 30 5h	72.31		58.99	13.32	213.29	216.33	215.63	216.48	0.003142	1.53	1.84	47.34	56.58	0.54	0.46
staggia	tratto1	16.25*	Max WS	SC 30 2h	90.93		69.86	21.06	213.29	216.51	215.92	216.67	0.003680	1.60	1.95	56.96	76.62	0.60	0.50
staggia	tratto1	16.25*	Max WS	SC 30 3h	87.02		67.10	19.93	213.29	216.49	215.88	216.64	0.003476	1.55	1.88	56.17	74.84	0.58	0.49
staggia	tratto1	16.25*	Max WS	SC 30 4h	85.07		66.20	18.87	213.29	216.46	215.85	216.61	0.003614	1.57	1.90	54.11	71.80	0.59	0.49
staggia	tratto1	16.25*	Max WS	SC 30 5h	72.31		59.06	13.24	213.29	216.33	215.63	216.48	0.003166	1.53	1.84	47.14	56.18	0.54	0.47
staggia	tratto2	16	Max WS	SC 30 2h	113.52	0.43	86.06	27.02	212.80	216.38	215.81	216.56	0.003664	1.65	2.05	68.84	70.52	0.60	0.51
staggia	tratto2	16	Max WS	SC 30 3h	110.60	0.34	84.42	25.84	212.80	216.36	215.79	216.53	0.003646	1.64	2.03	67.43	69.98	0.60	0.51
staggia	tratto2	16	Max WS	SC 30 4h	107.74	0.25	81.52	25.96	212.80	216.34	215.76	216.51	0.003513	1.63	1.99	66.07	69.06	0.59	0.50
staggia	tratto2	16	Max WS	SC 30 5h	92.95		72.89	20.06	212.80	216.23	215.56	216.39	0.003025	1.57	1.90	59.02	56.51	0.52	0.46
staggia	tratto2	15	Max WS	SC 30 2h	113.48		84.40	29.08	212.68	216.16	215.79	216.33	0.003312	1.43	2.06	79.09	105.20	0.67	0.49
staggia	tratto2	15	Max WS	SC 30 3h	110.57		83.38	27.20	212.68	216.14	215.77	216.31	0.003263	1.43	2.05	77.33	104.57	0.68	0.48
staggia	tratto2	15	Max WS	SC 30 4h	107.71		81.78	25.93	212.68	216.13	215.74	216.29	0.003173	1.42	2.03	75.61	103.61	0.68	0.48
staggia	tratto2	15	Max WS	SC 30 5h	92.94		74.02	18.92	212.68	216.04	215.18	216.20	0.002845	1.38	1.93	67.30	92.48	0.65	0.45
staggia	tratto2	14	Max WS	SC 30 2h	113.70	5.03	69.96	38.72	212.89	216.01	215.72	216.12	0.002526	1.19	1.79	95.60	127.94	0.55	0.43
staggia	tratto2	14	Max WS	SC 30 3h	110.78	4.68	68.81	37.29	212.89	216.00	215.70	216.11	0.002508	1.18	1.78	93.85	126.84	0.55	0.43
staggia	tratto2	14	Max WS	SC 30 4h	107.93	4.36	67.66	35.91	212.89	215.98	215.70	216.09	0.002485	1.17	1.76	92.20	125.80	0.55	0.42
staggia	tratto2	14	Max WS	SC 30 5h	92.93	2.88	61.10	28.95	212.89	215.92	215.62	216.02	0.002305	1.11	1.65	84.00	121.50	0.54	0.41
staggia	tratto2	13	Max WS	SC 30 2h	113.63		85.60	28.02	212.81	215.83	215.60	215.92	0.003840	1.25	1.51	90.94	139.15	0.53	0.49
staggia	tratto2	13	Max WS	SC 30 3h	110.73		84.08	26.65	212.81	215.81	215.54	215.90	0.003921	1.25	1.51	88.73	138.82	0.53	0.49
staggia	tratto2	13	Max WS	SC 30 4h	107.90		82.53	25.36	212.81	215.79	215.52	215.89	0.003982	1.24	1.50	86.71	138.53	0.54	0.49
staggia	tratto2	13	Max WS	SC 30 5h	92.92		74.05	18.87	212.81	215.71	215.47	215.81	0.004271	1.22	1.47	76.29	136.77	0.57	0.50
staggia	tratto2	12.9			Lat Struct														
staggia	tratto2	12.1	Max WS	SC 30 2h	113.61		65.61	48.00	212.65	215.54	215.30	215.66	0.003944	1.35	1.75	84.34	155.38	0.53	0.51
staggia	tratto2	12.1	Max WS	SC 30 3h	110.71		65.11	45.60	212.65	215.52	215.29	215.64	0.003950	1.35	1.77	82.24	154.14	0.54	0.51
staggia	tratto2	12.1	Max WS	SC 30 4h	107.86		64.41	43.46	212.65	215.51	215.28	215.62	0.003909	1.34	1.77	80.56	153.13	0.54	0.51
staggia	tratto2	12.1	Max WS	SC 30 5h	92.44		59.39	33.05	212.65	215.42	215.22	215.54	0.003663	1.28	1.75	72.08	149.01	0.56	0.49
staggia	tratto2	12	Max WS	SC 30 2h	113.01		91.85	21.16	212.62	215.12	215.24	215.62	0.016813	2.72	3.40	41.56	111.04	1.24	1.03
staggia	tratto2	12	Max WS	SC 30 3h	110.63		90.59	20.04	212.62	215.10	215.23	215.60	0.016901	2.71	3.39	40.75	110.04	1.26	1.03
staggia	tratto2	12	Max WS	SC 30 4h	107.76		89.24	18.52	212.62	215.08	215.22	215.59	0.017235	2.72	3.40	39.56	105.01	1.28	1.04
staggia	tratto2	12	Max WS	SC 30 5h	93.00		81.10	11.90	212.62	214.99	215.14	215.51	0.018673	2.77	3.39	33.53	65.79	1.36	1.07
staggia	tratto2	11.9			Lat Struct														

River	Reach	River Sta	Profile	Plan	Q Total (m3/s)	Q Left (m3/s)	Q Channel (m3/s)	Q Right (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Total (m/s)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # XS	Froude # Chl
staggia	tratto2	11	Max WS	SC 30 2h	112.37		91.87	20.50	212.47	215.13	214.61	215.27	0.002706	1.40	1.76	80.21	128.89	0.54	0.44
staggia	tratto2	11	Max WS	SC 30 3h	110.15		90.59	19.56	212.47	215.12	214.38	215.25	0.002706	1.40	1.75	78.95	125.99	0.54	0.44
staggia	tratto2	11	Max WS	SC 30 4h	107.40		89.02	18.38	212.47	215.10	214.36	215.23	0.002708	1.39	1.74	77.36	121.78	0.55	0.44
staggia	tratto2	11	Max WS	SC 30 5h	92.67		80.33	12.33	212.47	215.01	214.22	215.13	0.002436	1.34	1.67	69.20	98.14	0.55	0.42
staggia	tratto2	10	Max WS	SC 30 2h	111.99		106.25	5.74	211.55	214.95	213.97	215.25	0.004669	2.08	2.48	53.87	77.63	0.93	0.57
staggia	tratto2	10	Max WS	SC 30 3h	110.17		104.98	5.20	211.55	214.94	213.94	215.23	0.004643	2.08	2.47	52.93	77.01	0.93	0.57
staggia	tratto2	10	Max WS	SC 30 4h	107.58		102.96	4.62	211.55	214.92	213.91	215.22	0.004555	2.07	2.44	51.94	76.36	0.92	0.57
staggia	tratto2	10	Max WS	SC 30 5h	92.70		90.36	2.33	211.55	214.87	213.71	215.11	0.003801	1.95	2.21	47.59	72.89	0.86	0.52
staggia	tratto2	9	Max WS	SC 30 2h	116.34		74.87	41.47	211.25	214.87	214.57	215.04	0.003545	1.53	2.13	75.94	79.39	0.59	0.50
staggia	tratto2	9	Max WS	SC 30 3h	114.10		73.87	40.23	211.25	214.86	214.55	215.03	0.003496	1.52	2.11	75.19	79.33	0.59	0.50
staggia	tratto2	9	Max WS	SC 30 4h	111.28		72.53	38.75	211.25	214.85	214.54	215.01	0.003418	1.50	2.09	74.37	79.26	0.59	0.49
staggia	tratto2	9	Max WS	SC 30 5h	95.85		64.32	31.53	211.25	214.81	214.33	214.94	0.002857	1.35	1.90	70.85	78.97	0.55	0.45
staggia	tratto2	8	Max WS	SC 30 2h	116.23		94.54	21.68	211.19	214.55	214.73	214.97	0.007523	2.13	3.16	54.59	117.91	1.35	0.73
staggia	tratto2	8	Max WS	SC 30 3h	114.03		94.10	19.93	211.19	214.53	214.66	214.96	0.007663	2.17	3.17	52.54	113.63	1.36	0.73
staggia	tratto2	8	Max WS	SC 30 4h	111.22		93.46	17.76	211.19	214.51	214.65	214.95	0.007845	2.23	3.19	49.97	108.02	1.38	0.74
staggia	tratto2	8	Max WS	SC 30 5h	95.81		85.73	10.08	211.19	214.38	214.39	214.84	0.008152	2.45	3.14	39.15	61.12	1.19	0.75
staggia	tratto2	7	Max WS	SC 30 2h	116.19	4.63	95.86	15.70	210.78	214.29	213.74	214.50	0.003154	1.62	2.25	71.60	112.89	0.83	0.49
staggia	tratto2	7	Max WS	SC 30 3h	114.01	4.23	94.83	14.94	210.78	214.27	213.70	214.49	0.003164	1.63	2.24	69.83	111.29	0.83	0.49
staggia	tratto2	7	Max WS	SC 30 4h	111.19	3.73	93.44	14.01	210.78	214.25	213.65	214.47	0.003174	1.65	2.23	67.56	106.43	0.83	0.49
staggia	tratto2	7	Max WS	SC 30 5h	95.80	1.57	84.66	9.58	210.78	214.14	213.37	214.35	0.003133	1.67	2.14	57.35	81.03	0.77	0.48
staggia	tratto2	6	Max WS	SC 30 2h	116.17	1.04	85.70	29.43	210.63	214.05	213.78	214.25	0.003297	1.59	2.27	73.02	96.56	0.73	0.50
staggia	tratto2	6	Max WS	SC 30 3h	114.00	0.88	84.93	28.19	210.63	214.03	213.75	214.23	0.003317	1.60	2.26	71.38	95.18	0.74	0.50
staggia	tratto2	6	Max WS	SC 30 4h	111.18	0.71	83.84	26.63	210.63	214.01	213.74	214.21	0.003330	1.60	2.26	69.38	93.15	0.74	0.50
staggia	tratto2	6	Max WS	SC 30 5h	95.79	0.14	77.28	18.37	210.63	213.89	213.50	214.09	0.003373	1.62	2.21	59.31	76.85	0.73	0.50
staggia	tratto2	5	Max WS	SC 30 2h	117.99	4.78	90.76	22.44	210.19	213.64	213.31	213.84	0.003274	1.57	2.23	75.24	101.49	0.74	0.50
staggia	tratto2	5	Max WS	SC 30 3h	115.76	4.41	89.75	21.60	210.19	213.62	213.29	213.82	0.003275	1.57	2.22	73.83	100.11	0.74	0.50
staggia	tratto2	5	Max WS	SC 30 4h	112.85	3.97	88.32	20.55	210.19	213.60	213.28	213.80	0.003264	1.56	2.20	72.11	96.90	0.73	0.50
staggia	tratto2	5	Max WS	SC 30 5h	97.26	1.74	81.33	14.19	210.19	213.48	212.95	213.68	0.003384	1.60	2.16	60.70	86.03	0.76	0.50
staggia	tratto2	4	Max WS	SC 30 2h	117.86	0.41	59.27	58.18	210.00	213.28	212.73	213.38	0.002711	1.23	1.84	95.67	114.12	0.51	0.44
staggia	tratto2	4	Max WS	SC 30 3h	115.58	0.32	58.93	56.33	210.00	213.25	212.72	213.37	0.002785	1.24	1.85	93.34	113.67	0.52	0.44
staggia	tratto2	4	Max WS	SC 30 4h	112.68	0.23	58.61	53.83	210.00	213.23	212.71	213.34	0.002871	1.25	1.87	90.39	111.83	0.53	0.45
staggia	tratto2	4	Max WS	SC 30 5h	97.18	0.00	54.26	42.91	210.00	213.08	212.63	213.20	0.003076	1.30	1.88	74.86	96.01	0.56	0.46
staggia	tratto2	3	Max WS	SC 30 2h	117.84	0.08	106.59	11.17	208.39	212.18	211.91	212.61	0.006016	2.59	3.01	45.51	36.30	0.82	0.66
staggia	tratto2	3	Max WS	SC 30 3h	115.55	0.07	104.96	10.52	208.39	212.16	211.89	212.58	0.006040	2.58	2.99	44.73	36.06	0.82	0.66
staggia	tratto2	3	Max WS	SC 30 4h	112.64	0.06	102.86	9.72	208.39	212.14	211.86	212.55	0.006063	2.57	2.97	43.74	35.75	0.82	0.66
staggia	tratto2	3	Max WS	SC 30 5h	97.15	0.01	91.13	6.01	208.39	211.99	211.65	212.38	0.006091	2.51	2.83	38.67	33.75	0.82	0.66

HEC-RAS    Profile: Max WS

River	Reach	River Sta		Profile	Plan	Q Total	Q Culv Group	Q Weir	Culv Inv El Up	Min El Weir Flow	W.S. US.	E.G. US.	E.G. IC	E.G. OC	Q Culv Group	Culv Vel US
						(m3/s)	(m3/s)	(m3/s)	(m)	(m)	(m)	(m)	(m)	(m)	(m3/s)	(m/s)
staggia	tratto1	83	Culvert #1	Max WS	SC 30 2h	-37.70	-37.70		231.10	236.05	234.13	234.29	234.18	234.64	-37.70	-2.93
staggia	tratto1	83	Culvert #1	Max WS	SC 30 3h	-40.86	-40.86		231.10	236.05	234.30	234.46	234.36	234.88	-40.86	-3.17
staggia	tratto1	83	Culvert #1	Max WS	SC 30 4h	-41.82	-41.82		231.10	236.05	234.35	234.51	234.42	234.96	-41.82	-3.25
staggia	tratto1	83	Culvert #1	Max WS	SC 30 5h	-39.07	-39.07		231.10	236.05	234.21	234.36	234.26	234.74	-39.07	-3.03

River	Reach	River Sta	Profile	Plan	Q US	Q Leaving Total	Q DS	Q Weir	Wr Top Wdth	Weir Max Depth	Weir Avg Depth	Min EI Weir Flow	E.G. U.S.	W.S. U.S.	E.G. DS	W.S. DS
					(m3/s)	(m3/s)	(m3/s)	(m3/s)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)
staggia	tratto1	71.49	Max WS	SC 30 2h	37.70	0.00	37.70	0.00				231.90	231.38	231.16	231.14	230.61
staggia	tratto1	71.49	Max WS	SC 30 3h	40.86	0.00	40.86	0.00				231.90	231.55	231.31	231.28	230.73
staggia	tratto1	71.49	Max WS	SC 30 4h	41.82	0.00	41.82	0.00				231.90	231.60	231.36	231.33	230.76
staggia	tratto1	71.49	Max WS	SC 30 5h	39.07	0.00	39.07	0.00				231.90	231.45	231.23	231.20	230.66
staggia	tratto1	65.9	Max WS	SC 30 2h	37.70	0.00	37.70	0.00				231.22	230.57	229.74	230.06	229.97
staggia	tratto1	65.9	Max WS	SC 30 3h	40.86	0.00	40.86	0.00				231.22	230.71	229.81	230.15	230.06
staggia	tratto1	65.9	Max WS	SC 30 4h	41.82	0.00	41.82	0.00				231.22	230.75	229.83	230.18	230.08
staggia	tratto1	65.9	Max WS	SC 30 5h	39.07	0.00	39.07	0.00				231.22	230.63	229.77	230.10	230.01
staggia	tratto1	60.9	Max WS	SC 30 2h	20.00	0.00	37.66	0.00				230.83	228.92	228.73	228.06	227.95
staggia	tratto1	60.9	Max WS	SC 30 3h	20.00	0.00	40.82	0.00				230.83	228.92	228.73	228.14	228.04
staggia	tratto1	60.9	Max WS	SC 30 4h	20.00	0.00	41.61	0.00				230.83	228.92	228.73	228.17	228.06
staggia	tratto1	60.9	Max WS	SC 30 5h	20.00	0.00	39.02	0.00				230.83	228.92	228.73	228.09	227.98
staggia	tratto1	56.9	Max WS	SC 30 2h	37.66	0.00	59.58	0.00				231.11	228.06	227.95	226.58	226.02
staggia	tratto1	56.9	Max WS	SC 30 3h	40.82	0.00	58.88	0.00				231.11	228.14	228.04	226.57	226.01
staggia	tratto1	56.9	Max WS	SC 30 4h	41.61	0.00	59.10	0.00				231.11	228.17	228.06	226.57	226.02
staggia	tratto1	56.9	Max WS	SC 30 5h	39.02	0.00	56.89	0.00				231.11	228.09	227.98	226.53	226.00
staggia	tratto1	44.5	Max WS	SC 30 2h	59.91	0.00	59.84	0.00				223.43	223.33	222.91	222.18	221.99
staggia	tratto1	44.5	Max WS	SC 30 3h	60.39	0.00	60.27	0.00				223.43	223.34	222.92	222.19	222.00
staggia	tratto1	44.5	Max WS	SC 30 4h	61.70	0.00	61.62	0.00				223.43	223.37	222.95	222.23	222.03
staggia	tratto1	44.5	Max WS	SC 30 5h	57.09	0.00	57.02	0.00				223.43	223.26	222.85	222.11	221.92
staggia	tratto1	41.9	Max WS	SC 30 2h	59.84	0.00	59.83	0.00				223.73	222.18	221.99	222.09	221.96
staggia	tratto1	41.9	Max WS	SC 30 3h	60.27	0.00	60.27	0.00				223.73	222.19	222.00	222.10	221.97
staggia	tratto1	41.9	Max WS	SC 30 4h	61.62	0.00	61.61	0.00				223.73	222.23	222.03	222.14	222.00
staggia	tratto1	41.9	Max WS	SC 30 5h	57.02	0.00	57.01	0.00				223.73	222.11	221.92	222.02	221.89
staggia	tratto1	37.5	Max WS	SC 30 2h	59.83	0.00	59.78	0.00				222.00	221.99	221.90	221.35	220.92
staggia	tratto1	37.5	Max WS	SC 30 3h	60.25	0.00	60.20	0.00				222.00	222.00	221.91	221.36	220.93
staggia	tratto1	37.5	Max WS	SC 30 4h	61.60	0.00	61.55	0.00				222.00	222.03	221.94	221.39	220.94
staggia	tratto1	37.5	Max WS	SC 30 5h	57.00	0.00	56.96	0.00				222.00	221.92	221.83	221.29	220.89
staggia	tratto1	34.85	Max WS	SC 30 2h	59.78	0.00	59.77	0.00				221.00	221.35	220.92	220.94	220.84
staggia	tratto1	34.85	Max WS	SC 30 3h	60.20	0.00	60.19	0.00				221.00	221.36	220.93	220.95	220.85
staggia	tratto1	34.85	Max WS	SC 30 4h	61.55	0.00	61.54	0.00				221.00	221.39	220.94	220.97	220.87
staggia	tratto1	34.85	Max WS	SC 30 5h	56.96	0.00	56.95	0.00				221.00	221.29	220.89	220.90	220.80
staggia	tratto1	17.99	Max WS	SC 30 2h	57.88	-7.13	63.02	-7.13	42.25	0.53	0.26	216.85	217.48	217.38	217.18	217.01
staggia	tratto1	17.99	Max WS	SC 30 3h	59.35	-5.71	64.26	-5.71	38.67	0.48	0.24	216.85	217.49	217.38	217.18	217.00
staggia	tratto1	17.99	Max WS	SC 30 4h	61.35	-4.21	65.32	-4.21	34.23	0.43	0.21	216.85	217.49	217.37	217.18	216.99
staggia	tratto1	17.99	Max WS	SC 30 5h	56.69	-2.60	59.21	-2.60	28.23	0.35	0.18	216.85	217.40	217.29	217.08	216.88
staggia	tratto1	16.50	Max WS	SC 30 2h	61.82	0.00	91.02	0.00				216.95	216.88	216.71	216.67	216.51
staggia	tratto1	16.50	Max WS	SC 30 3h	63.69	0.00	87.02	0.00				216.95	216.86	216.69	216.65	216.50
staggia	tratto1	16.50	Max WS	SC 30 4h	65.22	0.00	85.13	0.00				216.95	216.84	216.65	216.62	216.46

River	Reach	River Sta	Profile	Plan	Q US	Q Leaving Total	Q DS	Q Weir	Wr Top Wdth	Weir Max Depth	Weir Avg Depth	Min El Weir Flow	E.G. US.	W.S. US.	E.G. DS	W.S. DS
					(m3/s)	(m3/s)	(m3/s)	(m3/s)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)
staggia	tratto1	16.50	Max WS	SC 30 5h	55.78	0.00	72.31	0.00				216.95	216.69	216.52	216.48	216.33
staggia	tratto2	12.9	Max WS	SC 30 2h	113.63	0.08	113.01	0.08	2.54	0.17	0.08	214.95	215.92	215.83	215.62	215.12
staggia	tratto2	12.9	Max WS	SC 30 3h	110.73	0.06	110.63	0.06	2.32	0.15	0.08	214.95	215.90	215.81	215.60	215.10
staggia	tratto2	12.9	Max WS	SC 30 4h	107.90	0.04	107.76	0.04	2.04	0.13	0.07	214.95	215.89	215.79	215.59	215.08
staggia	tratto2	12.9	Max WS	SC 30 5h	92.92	0.00	93.00	0.00	0.57	0.04	0.02	214.95	215.81	215.71	215.51	214.99
staggia	tratto2	11.9	Max WS	SC 30 2h	113.01	0.09	111.99	0.09	15.40	0.31	0.21	214.82	215.62	215.12	215.25	214.97
staggia	tratto2	11.9	Max WS	SC 30 3h	110.63	0.18	110.17	0.18	15.40	0.29	0.20	214.82	215.60	215.10	215.24	214.96
staggia	tratto2	11.9	Max WS	SC 30 4h	107.76	0.03	107.58	0.03	15.40	0.28	0.18	214.82	215.59	215.08	215.22	214.94
staggia	tratto2	11.9	Max WS	SC 30 5h	93.00	-0.26	92.70	-0.26	15.40	0.18	0.09	214.82	215.51	214.99	215.11	214.88
ruota	tratto1	488.91	Max WS	SC 30 2h	29.64	10.54	15.20	10.54	81.17	0.32	0.23	225.33	226.69	226.27	225.16	225.02
ruota	tratto1	488.91	Max WS	SC 30 3h	27.66	10.87	14.70	10.87	80.97	0.35	0.24	225.33	226.63	226.26	225.10	224.96
ruota	tratto1	488.91	Max WS	SC 30 4h	24.92	10.34	13.78	10.34	80.91	0.35	0.23	225.33	226.56	226.23	224.84	224.62
ruota	tratto1	488.91	Max WS	SC 30 5h	15.05	9.77	12.80	9.77	80.91	0.35	0.22	225.33	226.33	226.20	224.72	224.46
ruota	tratto1	488.9	Max WS	SC 30 2h	29.64	4.74	15.20	4.74	72.26	0.19	0.15	225.67	226.69	226.27	225.29	225.11
ruota	tratto1	488.9	Max WS	SC 30 3h	27.66	4.99	14.71	4.99	71.71	0.18	0.16	225.67	226.63	226.26	225.24	225.05
ruota	tratto1	488.9	Max WS	SC 30 4h	24.92	4.54	16.20	4.54	71.37	0.17	0.15	225.67	226.56	226.23	225.22	224.87
ruota	tratto1	488.9	Max WS	SC 30 5h	15.05	4.02	16.20	4.02	71.37	0.17	0.13	225.67	226.33	226.20	225.22	224.87
ruota	tratto1	479	Max WS	SC 30 2h	15.20	1.72	19.73	1.72	24.02	0.30	0.15	224.67	225.29	225.11	224.97	224.88
ruota	tratto1	479	Max WS	SC 30 3h	14.71	0.85	19.66	0.85	18.29	0.22	0.11	224.67	225.24	225.05	224.89	224.79
ruota	tratto1	479	Max WS	SC 30 4h	16.20	0.00	19.16	0.00				224.67	225.22	224.87	224.40	224.15
ruota	tratto1	479	Max WS	SC 30 5h	16.20	0.00	17.12	0.00				224.67	225.22	224.87	224.20	223.85
ruota	tratto1	465	Max WS	SC 30 2h	15.20	-6.54	19.73	-6.54	41.49	0.33	0.17	224.78	225.16	225.02	224.97	224.88
ruota	tratto1	465	Max WS	SC 30 3h	14.70	-6.06	19.66	-6.06	40.94	0.32	0.16	224.78	225.10	224.96	224.89	224.79
ruota	tratto1	465	Max WS	SC 30 4h	13.78	-5.43	19.16	-5.43	39.67	0.31	0.15	224.78	224.84	224.62	224.40	224.15
ruota	tratto1	465	Max WS	SC 30 5h	12.80	-4.32	17.12	-4.32	36.73	0.28	0.14	224.78	224.72	224.46	224.20	223.85
ruota	tratto1	429	Max WS	SC 30 2h	19.71	0.00	22.85	0.00				223.29	223.95	223.55	223.18	223.08
ruota	tratto1	429	Max WS	SC 30 3h	15.82	0.00	22.52	0.00				223.29	223.81	223.55	223.17	223.07
ruota	tratto1	429	Max WS	SC 30 4h	15.82	0.00	21.70	0.00				223.29	223.81	223.55	223.15	223.04
ruota	tratto1	429	Max WS	SC 30 5h	15.82	0.00	20.18	0.00				223.29	223.81	223.55	223.09	222.96
ruota	tratto1	428.4	Max WS	SC 30 2h	19.71	-3.16	22.85	-3.16	41.99	0.28	0.16	224.83	223.65	223.56	223.71	223.46
ruota	tratto1	428.4	Max WS	SC 30 3h	16.09	-2.91	22.52	-2.91	41.06	0.27	0.15	224.83	223.62	223.56	223.72	223.44
ruota	tratto1	428.4	Max WS	SC 30 4h	16.09	-2.57	19.96	-2.57	39.45	0.26	0.14	224.83	223.62	223.56	223.66	223.44
ruota	tratto1	428.4	Max WS	SC 30 5h	16.09	-1.99	19.96	-1.99	36.29	0.23	0.13	224.83	223.62	223.56	223.66	223.44
ruota	tratto1	385	Max WS	SC 30 2h	22.85	0.00	22.85	0.00	0.23	0.00	0.00	222.62	223.18	223.08	222.70	222.62
ruota	tratto1	385	Max WS	SC 30 3h	22.52	0.00	22.52	0.00				222.62	223.17	223.07	222.69	222.61
ruota	tratto1	385	Max WS	SC 30 4h	21.70	0.00	21.70	0.00				222.62	223.15	223.04	222.67	222.59
ruota	tratto1	385	Max WS	SC 30 5h	20.18	0.00	19.10	0.00				222.62	223.09	222.96	222.59	222.51
ruota	tratto1	355	Max WS	SC 30 2h	22.85	2.64	21.15	2.64	103.95	0.15	0.07	221.90	222.70	222.62	221.80	221.54



River	Reach	River Sta	Profile	Plan	Q US	Q Leaving Total	Q DS	Q Weir	Wr Top Wdth	Weir Max Depth	Weir Avg Depth	Min El Weir Flow	E.G. US.	W.S. US.	E.G. DS	W.S. DS
					(m3/s)	(m3/s)	(m3/s)	(m3/s)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)
ruota	tratto1	355	Max WS	SC 30 3h	22.52	2.48	21.02	2.48	99.45	0.15	0.07	221.90	222.69	222.61	221.79	221.53
ruota	tratto1	355	Max WS	SC 30 4h	21.70	2.16	20.62	2.16	86.27	0.15	0.07	221.90	222.67	222.59	221.78	221.51
ruota	tratto1	355	Max WS	SC 30 5h	19.10	0.73	18.37	0.73	46.44	0.11	0.05	221.90	222.59	222.51	221.67	221.38
ruota	tratto1	325	Max WS	SC 30 2h	21.15	0.00	21.14	0.00				221.70	221.80	221.54	221.28	221.03
ruota	tratto1	325	Max WS	SC 30 3h	21.02	0.00	21.00	0.00				221.70	221.79	221.53	221.28	221.02
ruota	tratto1	325	Max WS	SC 30 4h	20.62	0.00	20.61	0.00				221.70	221.78	221.51	221.26	221.00
ruota	tratto1	325	Max WS	SC 30 5h	18.37	0.00	18.37	0.00				221.70	221.67	221.38	221.15	220.88
ruota	tratto1	305	Max WS	SC 30 2h	21.15	0.00	27.69	0.00				221.19	221.28	221.03	219.96	219.19
ruota	tratto1	305	Max WS	SC 30 3h	21.01	0.00	29.04	0.00				221.19	221.28	221.02	219.95	219.21
ruota	tratto1	305	Max WS	SC 30 4h	20.62	0.00	29.04	0.00				221.19	221.26	221.00	219.95	219.21
ruota	tratto1	305	Max WS	SC 30 5h	18.37	0.00	29.04	0.00				221.19	221.15	220.88	219.95	219.21
ruota	tratto1	245	Max WS	SC 30 2h	27.69	0.00	24.35	0.00				219.80	219.96	219.19	218.44	218.27
ruota	tratto1	245	Max WS	SC 30 3h	29.04	0.00	25.48	0.00				219.80	219.95	219.21	218.46	218.28
ruota	tratto1	245	Max WS	SC 30 4h	29.04	0.00	25.48	0.00				219.80	219.95	219.21	218.46	218.28
ruota	tratto1	245	Max WS	SC 30 5h	29.04	0.00	25.48	0.00				219.80	219.95	219.21	218.46	218.28
ruota	tratto1	195	Max WS	SC 30 2h	24.35	0.00	24.34	0.00				219.60	218.44	218.27	218.12	218.03
ruota	tratto1	195	Max WS	SC 30 3h	26.32	0.00	24.03	0.00				219.60	218.46	218.28	218.11	218.02
ruota	tratto1	195	Max WS	SC 30 4h	26.32	0.00	23.91	0.00				219.60	218.46	218.28	218.11	218.01
ruota	tratto1	195	Max WS	SC 30 5h	26.32	0.00	23.91	0.00				219.60	218.46	218.28	218.11	218.01
ruota	tratto1	165	Max WS	SC 30 2h	24.34	0.00	24.31	0.00				219.30	218.12	218.03	217.46	217.32
ruota	tratto1	165	Max WS	SC 30 3h	24.03	0.00	24.00	0.00				219.30	218.11	218.02	217.45	217.31
ruota	tratto1	165	Max WS	SC 30 4h	23.91	0.00	23.26	0.00				219.30	218.11	218.01	217.42	217.27
ruota	tratto1	165	Max WS	SC 30 5h	23.91	0.00	20.69	0.00				219.30	218.11	218.01	217.32	217.16
ruota	tratto1	125	Max WS	SC 30 2h	24.31	0.00	24.13	0.00				218.35	217.46	217.32	217.16	217.10
ruota	tratto1	125	Max WS	SC 30 3h	24.00	0.00	23.93	0.00				218.35	217.45	217.31	217.15	217.09
ruota	tratto1	125	Max WS	SC 30 4h	23.26	0.00	23.19	0.00				218.35	217.42	217.27	217.10	217.02
ruota	tratto1	125	Max WS	SC 30 5h	20.69	0.00	20.69	0.00				218.35	217.32	217.16	216.94	216.82

Storage Area	Profile	Plan	W.S. Elev	SA Min EI	Inflow	Outflow	Net Flux	SA Area	SA Volume
			(m)	(m)	(m3/s)	(m3/s)	(m3/s)	(1000 m2)	(1000 m3)
A1	Max WS	SC 30 2h	223.62	223.25	4.40	4.13	0.27	0.40	0.06
A1	Max WS	SC 30 3h	223.58	223.25	3.26	3.06	0.19	0.40	0.04
A1	Max WS	SC 30 4h	223.53	223.25	2.01	2.01	0.00	0.40	0.02
A1	Max WS	SC 30 5h	223.49	223.25	1.53	1.38	0.15	0.09	0.01
A2	Max WS	SC 30 2h	222.62	220.80	4.13	4.15	-0.02	2.40	1.02
A2	Max WS	SC 30 3h	222.58	220.80	3.06	3.05	0.01	2.40	0.91
A2	Max WS	SC 30 4h	222.52	220.80	2.01	2.01	0.00	2.40	0.76
A2	Max WS	SC 30 5h	222.46	220.80	1.38	1.38	0.00	0.72	0.69
A3	Max WS	SC 30 2h	222.10	221.60	4.15	4.15	0.00	1.18	0.25
A3	Max WS	SC 30 3h	222.06	221.60	3.05	3.05	0.00	1.18	0.19
A3	Max WS	SC 30 4h	222.00	221.60	2.01	2.01	0.00	0.46	0.12
A3	Max WS	SC 30 5h	221.95	221.60	1.38	1.38	0.00	0.46	0.10
A4	Max WS	SC 30 2h	221.89	221.25	4.43	3.46	0.97	1.67	0.26
A4	Max WS	SC 30 3h	221.86	221.25	3.67	2.67	1.00	1.67	0.22
A4	Max WS	SC 30 4h	221.85	221.25	2.86	2.30	0.56	1.67	0.19
A4	Max WS	SC 30 5h	221.77	221.25	1.17	1.15	0.01	1.67	0.06
A5	Max WS	SC 30 2h	220.90	220.70	0.00	0.00	0.00	0.02	0.00
A5	Max WS	SC 30 3h	220.90	220.70	0.00	0.00	0.00	0.02	0.00
A5	Max WS	SC 30 4h	220.90	220.70	0.00	0.00	0.00	0.02	0.00
A5	Max WS	SC 30 5h	220.90	220.70	0.00	0.00	0.00	0.02	0.00
B1	Max WS	SC 30 2h	221.67	221.50	3.85	3.78	0.07	1.30	0.10
B1	Max WS	SC 30 3h	221.66	221.50	3.20	3.12	0.08	1.30	0.09
B1	Max WS	SC 30 4h	221.64	221.50	2.32	2.33	-0.01	0.75	0.07
B1	Max WS	SC 30 5h	221.62	221.50	1.50	1.49	0.01	0.75	0.06
B2	Max WS	SC 30 2h	221.37	221.25	0.55	0.55	0.00	0.52	0.01
B2	Max WS	SC 30 3h	221.35	221.25	0.47	0.47	0.00	0.52	0.01
B2	Max WS	SC 30 4h	221.33	221.25	0.37	0.37	0.00	0.04	0.00
B2	Max WS	SC 30 5h	221.31	221.25	0.26	0.26	0.00	0.04	0.00
B3	Max WS	SC 30 2h	220.92	220.25	7.24	7.19	0.06	6.03	2.00
B3	Max WS	SC 30 3h	220.88	220.25	5.78	5.76	0.02	6.03	1.78
B3	Max WS	SC 30 4h	220.84	220.25	4.63	4.31	0.32	6.03	1.54
B3	Max WS	SC 30 5h	220.79	220.25	2.65	2.63	0.02	6.03	1.21
B4	Max WS	SC 30 2h	219.90	219.50	7.19	7.16	0.03	0.95	0.16
B4	Max WS	SC 30 3h	219.86	219.50	5.76	5.75	0.01	0.95	0.12
B4	Max WS	SC 30 4h	219.80	219.50	4.31	4.30	0.01	0.95	0.07
B4	Max WS	SC 30 5h	219.72	219.50	2.63	2.63	0.00	0.17	0.01
B5	Max WS	SC 30 2h	219.66	218.07	7.16	7.09	0.07	5.31	1.79
B5	Max WS	SC 30 3h	219.63	218.07	5.75	5.70	0.05	5.31	1.62
B5	Max WS	SC 30 4h	219.59	218.07	4.30	4.21	0.09	5.31	1.40
B5	Max WS	SC 30 5h	219.52	218.07	2.63	2.60	0.03	5.31	1.05
B6	Max WS	SC 30 2h	219.17	218.70	7.09	7.12	-0.03	2.11	0.49
B6	Max WS	SC 30 3h	219.13	218.70	5.70	5.70	0.01	2.11	0.41
B6	Max WS	SC 30 4h	219.08	218.70	4.21	4.19	0.02	2.11	0.31
B6	Max WS	SC 30 5h	219.02	218.70	2.60	2.60	0.00	2.11	0.18
B7	Max WS	SC 30 2h	217.92	217.50	7.12	7.13	-0.01	1.68	0.35
B7	Max WS	SC 30 3h	217.90	217.50	5.70	5.70	-0.01	1.68	0.31
B7	Max WS	SC 30 4h	217.86	217.50	4.19	4.21	-0.02	1.68	0.26
B7	Max WS	SC 30 5h	217.83	217.50	2.60	2.60	-0.01	1.68	0.19
B8	Max WS	SC 30 2h	217.38	217.11	7.13	7.13	0.01	0.25	0.03
B8	Max WS	SC 30 3h	217.33	217.11	5.70	5.71	-0.01	0.25	0.02

HEC-RAS Profile: Max WS (Continued)

Storage Area	Profile	Plan	W.S. Elev (m)	SA Min EI (m)	Inflow (m3/s)	Outflow (m3/s)	Net Flux (m3/s)	SA Area (1000 m2)	SA Volume (1000 m3)
B8	Max WS	SC 30 4h	217.28	217.11	4.21	4.21	0.00	0.25	0.01
B8	Max WS	SC 30 5h	217.20	217.11	2.60	2.60	0.00	0.02	0.00
C1	Max WS	SC 30 2h	225.61	225.35	4.74	4.25	0.49	0.50	0.08
C1	Max WS	SC 30 3h	225.59	225.35	4.99	3.75	1.24	0.50	0.07
C1	Max WS	SC 30 4h	225.56	225.35	4.54	3.03	1.51	0.50	0.06
C1	Max WS	SC 30 5h	225.53	225.35	4.02	2.22	1.80	0.50	0.04
C2	Max WS	SC 30 2h	224.98	224.25	1.58	1.58	0.00	0.05	0.03
C2	Max WS	SC 30 3h	224.98	224.25	1.34	1.35	0.00	0.05	0.02
C2	Max WS	SC 30 4h	224.96	224.25	1.03	1.02	0.00	0.05	0.02
C2	Max WS	SC 30 5h	224.94	224.25	0.68	0.59	0.09	0.05	0.02
C3	Max WS	SC 30 2h	224.24	223.85	1.58	1.58	0.00	0.07	0.02
C3	Max WS	SC 30 3h	224.21	223.85	1.35	1.35	0.00	0.07	0.02
C3	Max WS	SC 30 4h	224.18	223.85	1.02	1.03	0.00	0.07	0.01
C3	Max WS	SC 30 5h	224.11	223.85	0.59	0.59	0.00	0.07	0.01
C4	Max WS	SC 30 2h	223.15	222.88	1.58	1.48	0.10	0.33	0.05
C4	Max WS	SC 30 3h	223.14	222.88	1.35	1.32	0.03	0.33	0.05
C4	Max WS	SC 30 4h	223.11	222.88	1.03	1.00	0.03	0.33	0.04
C4	Max WS	SC 30 5h	223.06	222.88	0.59	0.59	0.00	0.33	0.02
C5	Max WS	SC 30 2h	223.15	222.30	0.43	0.44	-0.02	2.37	1.06
C5	Max WS	SC 30 3h	223.13	222.30	0.38	0.39	-0.01	2.37	1.03
C5	Max WS	SC 30 4h	223.11	222.30	0.28	0.29	-0.01	2.37	0.96
C5	Max WS	SC 30 5h	223.03	222.30	0.21	0.18	0.03	2.37	0.77
D1	Max WS	SC 30 2h	225.11	224.50	10.54	9.95	0.59	5.76	1.06
D1	Max WS	SC 30 3h	225.10	224.50	10.87	9.04	1.83	5.76	1.00
D1	Max WS	SC 30 4h	225.09	224.50	10.34	7.99	2.35	5.76	0.92
D1	Max WS	SC 30 5h	225.06	224.50	9.77	6.38	3.38	5.76	0.76
D2	Max WS	SC 30 2h	225.11	224.25	9.95	9.71	0.25	6.64	1.66
D2	Max WS	SC 30 3h	225.10	224.25	9.04	8.96	0.08	6.64	1.60
D2	Max WS	SC 30 4h	225.09	224.25	7.99	8.01	-0.02	6.64	1.51
D2	Max WS	SC 30 5h	225.06	224.25	6.38	6.30	0.08	6.64	1.33
E1	Max WS	SC 30 2h	220.90	220.71	0.00	0.00	0.00	0.33	0.02
E1	Max WS	SC 30 3h	220.90	220.71	0.00	0.00	0.00	0.33	0.02
E1	Max WS	SC 30 4h	220.90	220.71	0.00	0.00	0.00	0.33	0.02
E1	Max WS	SC 30 5h	220.90	220.71	0.00	0.00	0.00	0.33	0.02
E2	Max WS	SC 30 2h	221.60	221.60	0.00	0.00	0.00	0.02	0.00
E2	Max WS	SC 30 3h	221.60	221.60	0.00	0.00	0.00	0.02	0.00
E2	Max WS	SC 30 4h	221.60	221.60	0.00	0.00	0.00	0.02	0.00
E2	Max WS	SC 30 5h	221.60	221.60	0.00	0.00	0.00	0.02	0.00
E3	Max WS	SC 30 2h	221.60	221.55	0.00	0.00	0.00	0.04	0.00
E3	Max WS	SC 30 3h	221.60	221.55	0.00	0.00	0.00	0.04	0.00
E3	Max WS	SC 30 4h	221.60	221.55	0.00	0.00	0.00	0.04	0.00
E3	Max WS	SC 30 5h	221.60	221.55	0.00	0.00	0.00	0.04	0.00
F	Max WS	SC 30 2h	215.12	214.25	0.17	0.00	0.17	8.06	2.85
F	Max WS	SC 30 3h	215.11	214.25	0.24	0.00	0.24	8.06	2.75
F	Max WS	SC 30 4h	215.09	214.25	0.07	0.00	0.07	8.06	2.60
F	Max WS	SC 30 5h	215.00	214.25	0.00	0.26	-0.26	4.99	1.89
G1	Max WS	SC 30 2h	231.00	230.90	0.00	0.00	0.00	0.02	0.00
G1	Max WS	SC 30 3h	231.00	230.90	0.00	0.00	0.00	0.02	0.00
G1	Max WS	SC 30 4h	231.00	230.90	0.00	0.00	0.00	0.02	0.00
G1	Max WS	SC 30 5h	231.00	230.90	0.00	0.00	0.00	0.02	0.00

HEC-RAS Profile: Max WS (Continued)

Storage Area	Profile	Plan	W.S. Elev	SA Min El	Inflow	Outflow	Net Flux	SA Area	SA Volume
			(m)	(m)	(m3/s)	(m3/s)	(m3/s)	(1000 m2)	(1000 m3)
G2	Max WS	SC 30 2h	230.00	229.75	0.00	0.00	0.00	0.01	0.00
G2	Max WS	SC 30 3h	230.00	229.75	0.00	0.00	0.00	0.01	0.00
G2	Max WS	SC 30 4h	230.00	229.75	0.00	0.00	0.00	0.01	0.00
G2	Max WS	SC 30 5h	230.00	229.75	0.00	0.00	0.00	0.01	0.00
G3	Max WS	SC 30 2h	230.50	230.25	0.00	0.00	0.00	0.01	0.00
G3	Max WS	SC 30 3h	230.50	230.25	0.00	0.00	0.00	0.01	0.00
G3	Max WS	SC 30 4h	230.50	230.25	0.00	0.00	0.00	0.01	0.00
G3	Max WS	SC 30 5h	230.50	230.25	0.00	0.00	0.00	0.01	0.00
H1	Max WS	SC 30 2h	216.65	216.60	0.00	0.00	0.00	0.26	0.01
H1	Max WS	SC 30 3h	216.65	216.60	0.00	0.00	0.00	0.26	0.01
H1	Max WS	SC 30 4h	216.65	216.60	0.00	0.00	0.00	0.26	0.01
H1	Max WS	SC 30 5h	216.65	216.60	0.00	0.00	0.00	0.26	0.01
H2	Max WS	SC 30 2h	216.73	216.73	0.00	0.00	0.00	0.20	0.00
H2	Max WS	SC 30 3h	216.73	216.73	0.00	0.00	0.00	0.20	0.00
H2	Max WS	SC 30 4h	216.73	216.73	0.00	0.00	0.00	0.20	0.00
H2	Max WS	SC 30 5h	216.73	216.73	0.00	0.00	0.00	0.20	0.00
H3	Max WS	SC 30 2h	216.96	216.95	0.00	0.00	0.00	0.02	0.00
H3	Max WS	SC 30 3h	216.96	216.95	0.00	0.00	0.00	0.02	0.00
H3	Max WS	SC 30 4h	216.96	216.95	0.00	0.00	0.00	0.02	0.00
H3	Max WS	SC 30 5h	216.96	216.95	0.00	0.00	0.00	0.02	0.00
H4	Max WS	SC 30 2h	216.78	216.75	0.00	0.00	0.00	0.06	0.00
H4	Max WS	SC 30 3h	216.78	216.75	0.00	0.00	0.00	0.06	0.00
H4	Max WS	SC 30 4h	216.78	216.75	0.00	0.00	0.00	0.06	0.00
H4	Max WS	SC 30 5h	216.78	216.75	0.00	0.00	0.00	0.06	0.00

Connection	Profile	Plan	Q Total	W.S. Elev	Min El Weir Flow	Weir Max Depth	Weir Avg Depth	Weir Flow Area	Wr Top Width
			(m3/s)	(m)	(m)	(m)	(m)	(m2)	(m)
A1-A2	Max WS	SC 30 2h	4.13	223.62	223.08	0.54	0.20	5.23	25.80
A1-A2	Max WS	SC 30 3h	3.06	223.58	223.08	0.50	0.17	4.20	25.09
A1-A2	Max WS	SC 30 4h	2.01	223.53	223.08	0.45	0.13	3.05	23.83
A1-A2	Max WS	SC 30 5h	1.38	223.49	223.08	0.41	0.10	2.26	22.79
A2-A3	Max WS	SC 30 2h	4.15	222.62	222.14	0.48	0.16	4.89	30.16
A2-A3	Max WS	SC 30 3h	3.05	222.58	222.14	0.44	0.15	3.65	24.13
A2-A3	Max WS	SC 30 4h	2.01	222.52	222.14	0.38	0.19	2.43	12.87
A2-A3	Max WS	SC 30 5h	1.38	222.46	222.14	0.32	0.18	1.79	10.00
A3-A4	Max WS	SC 30 2h	1.79	222.10	221.80	0.30	0.11	2.55	23.16
A3-A4	Max WS	SC 30 3h	1.19	222.06	221.80	0.26	0.11	1.66	15.44
A3-A4	Max WS	SC 30 4h	0.70	222.00	221.80	0.20	0.17	1.02	6.00
A3-A4	Max WS	SC 30 5h	0.44	221.95	221.80	0.15	0.12	0.75	6.00
A3-B1	Max WS	SC 30 2h	2.35	222.10	221.73	0.37	0.29	2.48	8.47
A3-B1	Max WS	SC 30 3h	1.87	222.06	221.73	0.33	0.26	2.09	8.05
A3-B1	Max WS	SC 30 4h	1.30	222.00	221.73	0.27	0.22	1.62	7.41
A3-B1	Max WS	SC 30 5h	0.94	221.95	221.73	0.22	0.18	1.28	7.07
A4-A5	Max WS	SC 30 2h	0.00	221.89	222.00				
A4-A5	Max WS	SC 30 3h	0.00	221.86	222.00				
A4-A5	Max WS	SC 30 4h	0.00	221.85	222.00				
A4-A5	Max WS	SC 30 5h	0.00	221.77	222.00				
A4-B3	Max WS	SC 30 2h	3.46	221.89	221.60	0.29	0.10	5.25	54.81
A4-B3	Max WS	SC 30 3h	2.67	221.86	221.60	0.26	0.09	3.97	43.89
A4-B3	Max WS	SC 30 4h	2.30	221.85	221.60	0.25	0.09	3.37	37.73
A4-B3	Max WS	SC 30 5h	1.15	221.77	221.60	0.17	0.17	1.69	10.00
A5-B3	Max WS	SC 30 2h	0.00	220.92	221.22				
A5-B3	Max WS	SC 30 3h	0.00	220.90	221.22				
A5-B3	Max WS	SC 30 4h	0.00	220.90	221.22				
A5-B3	Max WS	SC 30 5h	0.00	220.90	221.22				
A5-B4	Max WS	SC 30 2h	0.00	220.90	221.42				
A5-B4	Max WS	SC 30 3h	0.00	220.90	221.42				
A5-B4	Max WS	SC 30 4h	0.00	220.90	221.42				
A5-B4	Max WS	SC 30 5h	0.00	220.90	221.42				
B1-A2	Max WS	SC 30 2h	0.00	222.62	223.16				
B1-A2	Max WS	SC 30 3h	0.00	222.58	223.16				
B1-A2	Max WS	SC 30 4h	0.00	222.52	223.16				
B1-A2	Max WS	SC 30 5h	0.00	222.46	223.16				
B1-B2	Max WS	SC 30 2h	0.55	221.67	221.50	0.17	0.09	1.05	11.55
B1-B2	Max WS	SC 30 3h	0.47	221.66	221.50	0.16	0.08	0.93	10.96
B1-B2	Max WS	SC 30 4h	0.37	221.64	221.50	0.14	0.08	0.77	10.18
B1-B2	Max WS	SC 30 5h	0.26	221.62	221.50	0.12	0.06	0.60	9.22
B1-B3	Max WS	SC 30 2h	3.23	221.67	221.50	0.17	0.08	6.66	81.38
B1-B3	Max WS	SC 30 3h	2.65	221.66	221.50	0.16	0.07	5.78	79.21
B1-B3	Max WS	SC 30 4h	1.96	221.64	221.50	0.14	0.06	4.65	74.82
B1-B3	Max WS	SC 30 5h	1.23	221.62	221.50	0.12	0.05	3.34	71.27
B2-B3	Max WS	SC 30 2h	0.55	221.37	221.20	0.17	0.14	0.85	6.00
B2-B3	Max WS	SC 30 3h	0.47	221.35	221.20	0.15	0.13	0.76	5.80
B2-B3	Max WS	SC 30 4h	0.37	221.33	221.20	0.13	0.11	0.63	5.55
B2-B3	Max WS	SC 30 5h	0.26	221.31	221.20	0.11	0.09	0.50	5.25
B3-B4	Max WS	SC 30 2h	7.19	220.92	220.54	0.38	0.24	8.52	36.05
B3-B4	Max WS	SC 30 3h	5.76	220.88	220.54	0.34	0.21	7.27	34.70
B3-B4	Max WS	SC 30 4h	4.31	220.84	220.54	0.30	0.18	5.91	33.17
B3-B4	Max WS	SC 30 5h	2.63	220.79	220.54	0.25	0.13	4.16	31.11
B4-B5	Max WS	SC 30 2h	7.16	219.90	219.32	0.58	0.18	7.56	43.22
B4-B5	Max WS	SC 30 3h	5.75	219.86	219.32	0.54	0.24	6.02	25.58
B4-B5	Max WS	SC 30 4h	4.30	219.80	219.32	0.48	0.26	4.82	18.70
B4-B5	Max WS	SC 30 5h	2.63	219.72	219.32	0.40	0.19	3.35	17.50
B5-B6	Max WS	SC 30 2h	7.09	219.66	219.16	0.50	0.16	9.29	59.01
B5-B6	Max WS	SC 30 3h	5.70	219.63	219.16	0.47	0.15	7.56	51.26
B5-B6	Max WS	SC 30 4h	4.21	219.59	219.16	0.43	0.14	5.63	40.96
B5-B6	Max WS	SC 30 5h	2.60	219.52	219.16	0.36	0.14	3.49	24.93
B6-B7	Max WS	SC 30 2h	7.12	219.17	218.39	0.78	0.25	7.96	32.07
B6-B7	Max WS	SC 30 3h	5.70	219.13	218.39	0.74	0.22	6.71	30.77
B6-B7	Max WS	SC 30 4h	4.19	219.08	218.39	0.69	0.18	5.29	29.22
B6-B7	Max WS	SC 30 5h	2.60	219.02	218.39	0.63	0.13	3.58	27.23
B7-B8	Max WS	SC 30 2h	7.13	217.92	217.10	0.82	0.17	9.64	56.18

Connection	Profile	Plan	Q Total	W.S. Elev	Min El Weir Flow	Weir Max Depth	Weir Avg Depth	Weir Flow Area	Wr Top Width
			(m3/s)	(m)	(m)	(m)	(m)	(m2)	(m)
B7-B8	Max WS	SC 30 3h	5.70	217.90	217.10	0.80	0.15	8.16	56.10
B7-B8	Max WS	SC 30 4h	4.21	217.86	217.10	0.76	0.12	6.46	56.00
B7-B8	Max WS	SC 30 5h	2.60	217.83	217.10	0.73	0.08	4.26	53.36
C1-A1	Max WS	SC 30 2h	2.67	225.61	225.28	0.33	0.26	3.06	11.71
C1-A1	Max WS	SC 30 3h	2.40	225.59	225.28	0.31	0.25	2.84	11.59
C1-A1	Max WS	SC 30 4h	2.01	225.56	225.28	0.28	0.22	2.50	11.39
C1-A1	Max WS	SC 30 5h	1.53	225.53	225.28	0.25	0.19	2.07	11.14
C1-C2	Max WS	SC 30 2h	1.58	225.61	225.28	0.33	0.16	2.18	14.05
C1-C2	Max WS	SC 30 3h	1.34	225.59	225.28	0.31	0.15	1.93	13.04
C1-C2	Max WS	SC 30 4h	1.03	225.56	225.28	0.28	0.14	1.57	11.47
C1-C2	Max WS	SC 30 5h	0.68	225.53	225.28	0.25	0.12	1.17	9.48
C2-C3	Max WS	SC 30 2h	1.58	224.98	224.83	0.15	0.08	3.17	37.67
C2-C3	Max WS	SC 30 3h	1.35	224.98	224.83	0.15	0.08	2.84	36.65
C2-C3	Max WS	SC 30 4h	1.02	224.96	224.83	0.13	0.07	2.35	35.07
C2-C3	Max WS	SC 30 5h	0.59	224.94	224.83	0.11	0.05	1.55	28.97
C3-A1	Max WS	SC 30 2h	0.00	224.24	224.34				
C3-A1	Max WS	SC 30 3h	0.00	224.21	224.34				
C3-A1	Max WS	SC 30 4h	0.00	224.18	224.34				
C3-A1	Max WS	SC 30 5h	0.00	224.11	224.34				
C3-C4	Max WS	SC 30 2h	1.58	224.24	223.83	0.41	0.24	1.92	7.96
C3-C4	Max WS	SC 30 3h	1.35	224.21	223.83	0.38	0.22	1.73	7.93
C3-C4	Max WS	SC 30 4h	1.03	224.18	223.83	0.35	0.18	1.44	7.84
C3-C4	Max WS	SC 30 5h	0.59	224.11	223.83	0.28	0.14	0.96	6.81
C4-A2	Max WS	SC 30 2h	0.00	223.15	223.60				
C4-A2	Max WS	SC 30 3h	0.00	223.14	223.60				
C4-A2	Max WS	SC 30 4h	0.00	223.11	223.60				
C4-A2	Max WS	SC 30 5h	0.00	223.06	223.60				
C4-B1	Max WS	SC 30 2h	1.05	223.15	222.80	0.35	0.18	1.46	8.00
C4-B1	Max WS	SC 30 3h	0.94	223.14	222.80	0.34	0.17	1.36	8.00
C4-B1	Max WS	SC 30 4h	0.73	223.11	222.80	0.31	0.14	1.14	8.00
C4-B1	Max WS	SC 30 5h	0.38	223.06	222.80	0.26	0.09	0.74	8.00
C4-C5	Max WS	SC 30 2h	0.43	223.15	222.95	0.20	0.12	1.73	14.00
C4-C5	Max WS	SC 30 3h	0.38	223.14	222.95	0.19	0.11	1.55	14.00
C4-C5	Max WS	SC 30 4h	0.28	223.11	222.95	0.16	0.08	1.17	14.00
C4-C5	Max WS	SC 30 5h	0.21	223.06	222.95	0.11	0.05	0.55	10.10
C5-B1	Max WS	SC 30 2h	0.44	223.15	222.80	0.35	0.09	0.63	7.00
C5-B1	Max WS	SC 30 3h	0.39	223.13	222.80	0.33	0.08	0.54	7.00
C5-B1	Max WS	SC 30 4h	0.29	223.11	222.80	0.31	0.05	0.35	7.00
C5-B1	Max WS	SC 30 5h	0.18	223.03	222.80	0.23	0.23	0.23	1.00
C5-B2	Max WS	SC 30 2h	0.00	223.15	223.20				
C5-B2	Max WS	SC 30 3h	0.00	223.13	223.20				
C5-B2	Max WS	SC 30 4h	0.00	223.11	223.20				
C5-B2	Max WS	SC 30 5h	0.00	223.03	223.20				
D1-D2	Max WS	SC 30 2h	9.95	225.11	224.45	0.66	0.19	25.24	134.33
D1-D2	Max WS	SC 30 3h	9.04	225.10	224.45	0.65	0.18	23.86	131.97
D1-D2	Max WS	SC 30 4h	7.99	225.09	224.45	0.64	0.17	22.04	128.36
D1-D2	Max WS	SC 30 5h	6.38	225.06	224.45	0.61	0.15	18.65	122.18
E3-B2	Max WS	SC 30 2h	0.00	221.60	221.68				
E3-B2	Max WS	SC 30 3h	0.00	221.60	221.68				
E3-B2	Max WS	SC 30 4h	0.00	221.60	221.68				
E3-B2	Max WS	SC 30 5h	0.00	221.60	221.68				
E3-B3	Max WS	SC 30 2h	0.00	221.60	221.76				
E3-B3	Max WS	SC 30 3h	0.00	221.60	221.76				
E3-B3	Max WS	SC 30 4h	0.00	221.60	221.76				
E3-B3	Max WS	SC 30 5h	0.00	221.60	221.76				
E3-E2	Max WS	SC 30 2h	0.00	221.60	223.50				
E3-E2	Max WS	SC 30 3h	0.00	221.60	223.50				
E3-E2	Max WS	SC 30 4h	0.00	221.60	223.50				
E3-E2	Max WS	SC 30 5h	0.00	221.60	223.50				
G1-G2	Max WS	SC 30 2h	0.00	231.00	231.60				
G1-G2	Max WS	SC 30 3h	0.00	231.00	231.60				
G1-G2	Max WS	SC 30 4h	0.00	231.00	231.60				
G1-G2	Max WS	SC 30 5h	0.00	231.00	231.60				
G2-G3	Max WS	SC 30 2h	0.00	230.50	230.98				
G2-G3	Max WS	SC 30 3h	0.00	230.50	230.98				

Connection	Profile	Plan	Q Total	W.S. Elev	Min El Weir Flow	Weir Max Depth	Weir Avg Depth	Weir Flow Area	Wr Top Wdth
			(m3/s)	(m)	(m)	(m)	(m)	(m2)	(m)
G2-G3	Max WS	SC 30 4h	0.00	230.50	230.98				
G2-G3	Max WS	SC 30 5h	0.00	230.50	230.98				
H1-H2	Max WS	SC 30 2h	0.00	216.73	217.03				
H1-H2	Max WS	SC 30 3h	0.00	216.73	217.03				
H1-H2	Max WS	SC 30 4h	0.00	216.73	217.03				
H1-H2	Max WS	SC 30 5h	0.00	216.73	217.03				
H1-H3	Max WS	SC 30 2h	0.00	216.96	217.04				
H1-H3	Max WS	SC 30 3h	0.00	216.96	217.04				
H1-H3	Max WS	SC 30 4h	0.00	216.96	217.04				
H1-H3	Max WS	SC 30 5h	0.00	216.96	217.04				
H2-F	Max WS	SC 30 2h	0.00	216.73	216.88				
H2-F	Max WS	SC 30 3h	0.00	216.73	216.88				
H2-F	Max WS	SC 30 4h	0.00	216.73	216.88				
H2-F	Max WS	SC 30 5h	0.00	216.73	216.88				
H3-H4	Max WS	SC 30 2h	0.00	216.96	217.05				
H3-H4	Max WS	SC 30 3h	0.00	216.96	217.05				
H3-H4	Max WS	SC 30 4h	0.00	216.96	217.05				
H3-H4	Max WS	SC 30 5h	0.00	216.96	217.05				
H4-F	Max WS	SC 30 2h	0.00	216.78	217.05				
H4-F	Max WS	SC 30 3h	0.00	216.78	217.05				
H4-F	Max WS	SC 30 4h	0.00	216.78	217.05				
H4-F	Max WS	SC 30 5h	0.00	216.78	217.05				
H4-H2	Max WS	SC 30 2h	0.00	216.78	216.90				
H4-H2	Max WS	SC 30 3h	0.00	216.78	216.90				
H4-H2	Max WS	SC 30 4h	0.00	216.78	216.90				
H4-H2	Max WS	SC 30 5h	0.00	216.78	216.90				

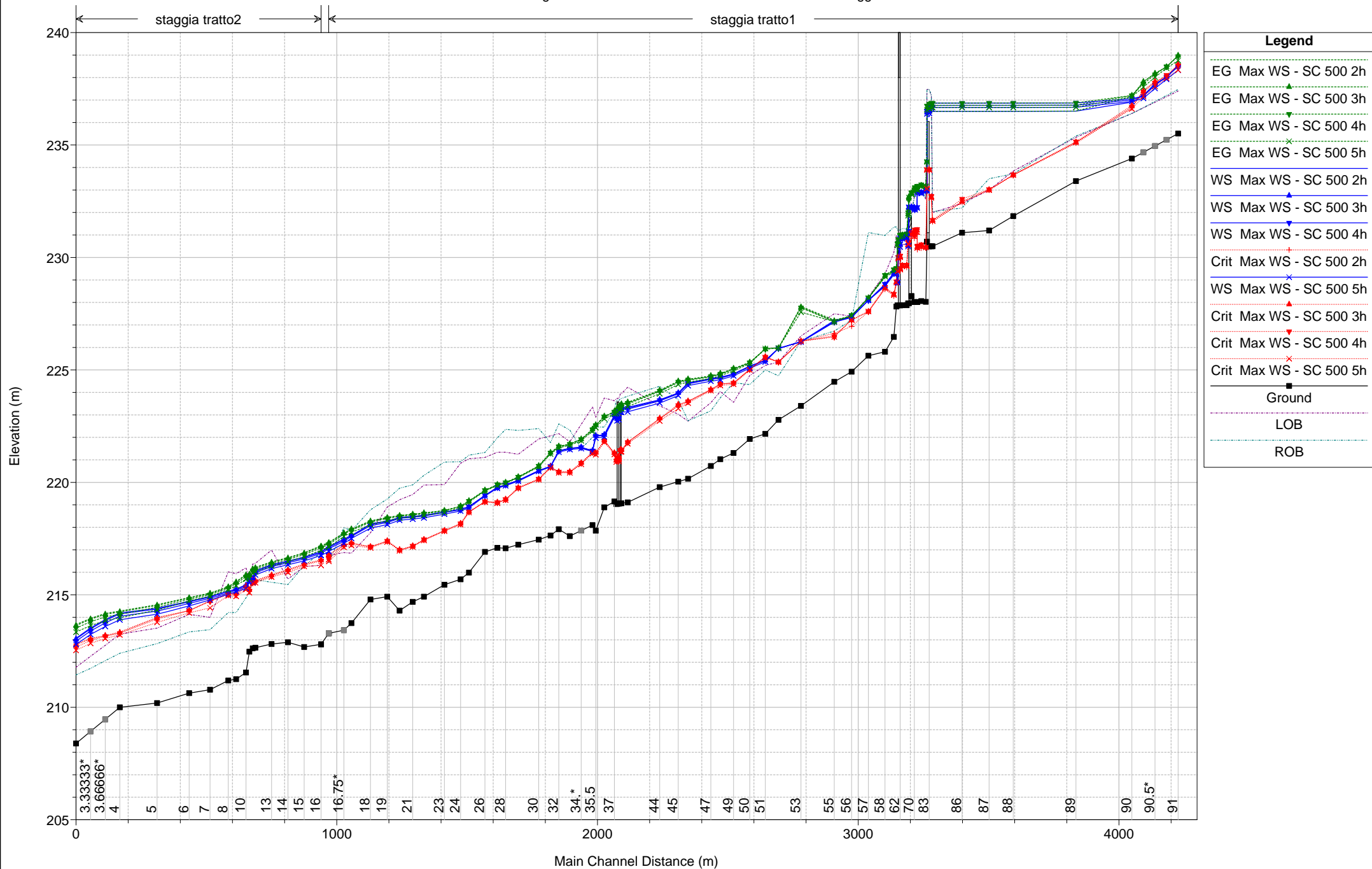
***ALLEGATI DI CALCOLO APPLICATIVO HEC RAS***

***Profili longitudinali con livelli idraulici per tempi di ritorno 500, 200 e 30 anni***



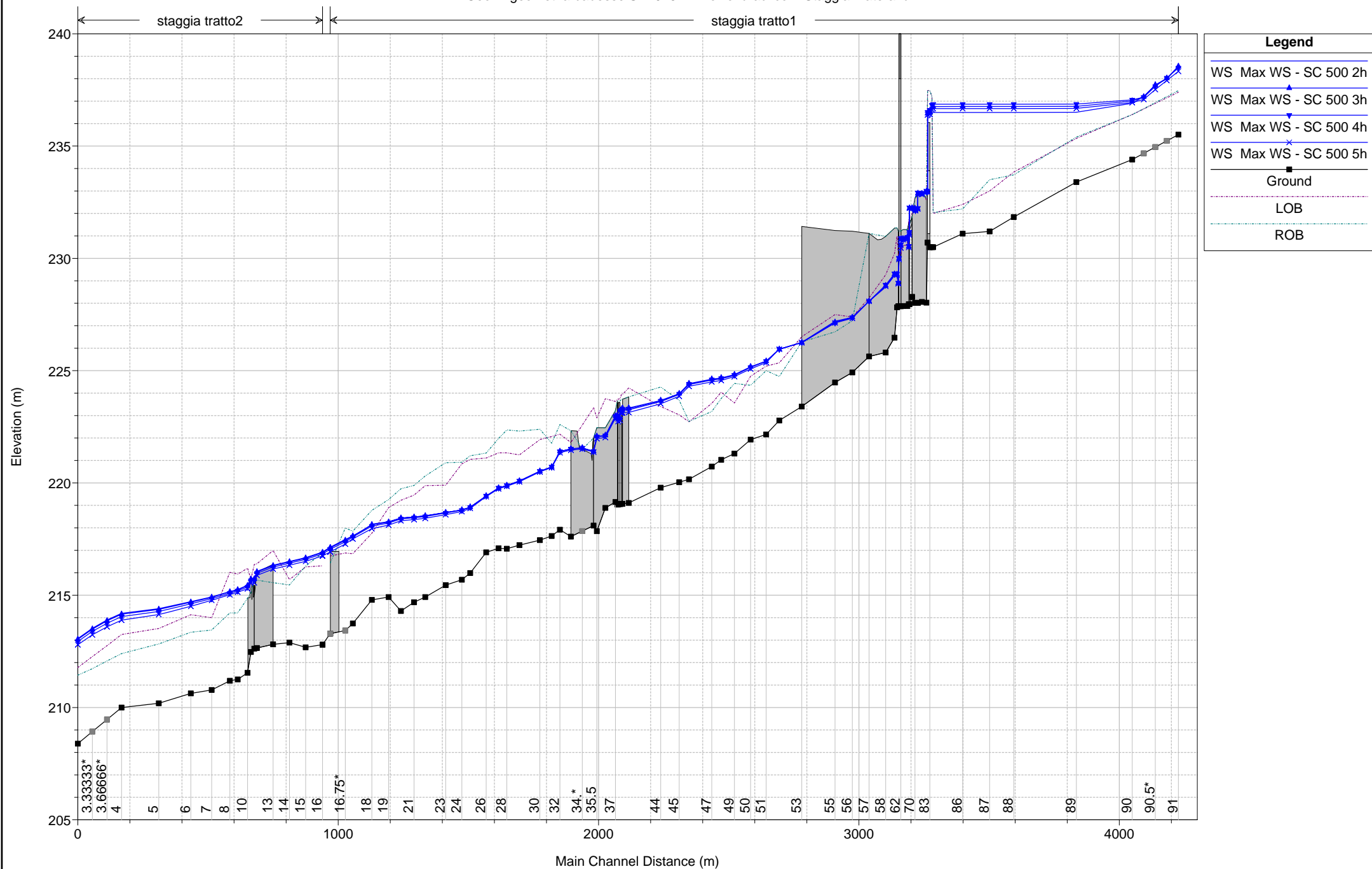
1) SC 500 2h   2) SC 500 3h   3) SC 500 4h   4) SC 500 5h

Geom: geometria badesse SA2015 2   Profilo idraulico T.Staggia



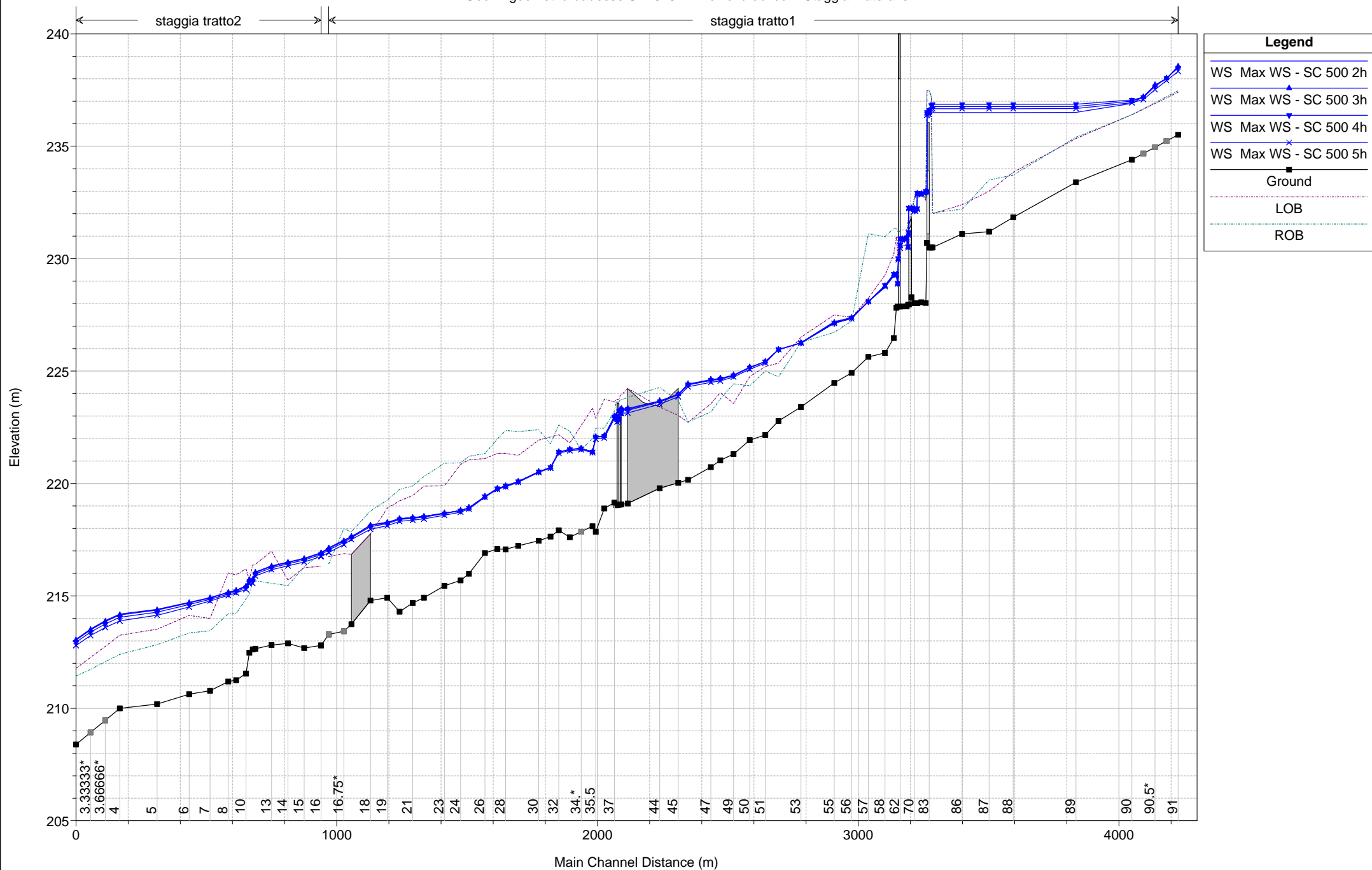
1) SC 500 2h   2) SC 500 3h   3) SC 500 4h   4) SC 500 5h

Geom: geometria badesse SA2015 2   Profilo idraulico T.Staggia - lateral dx



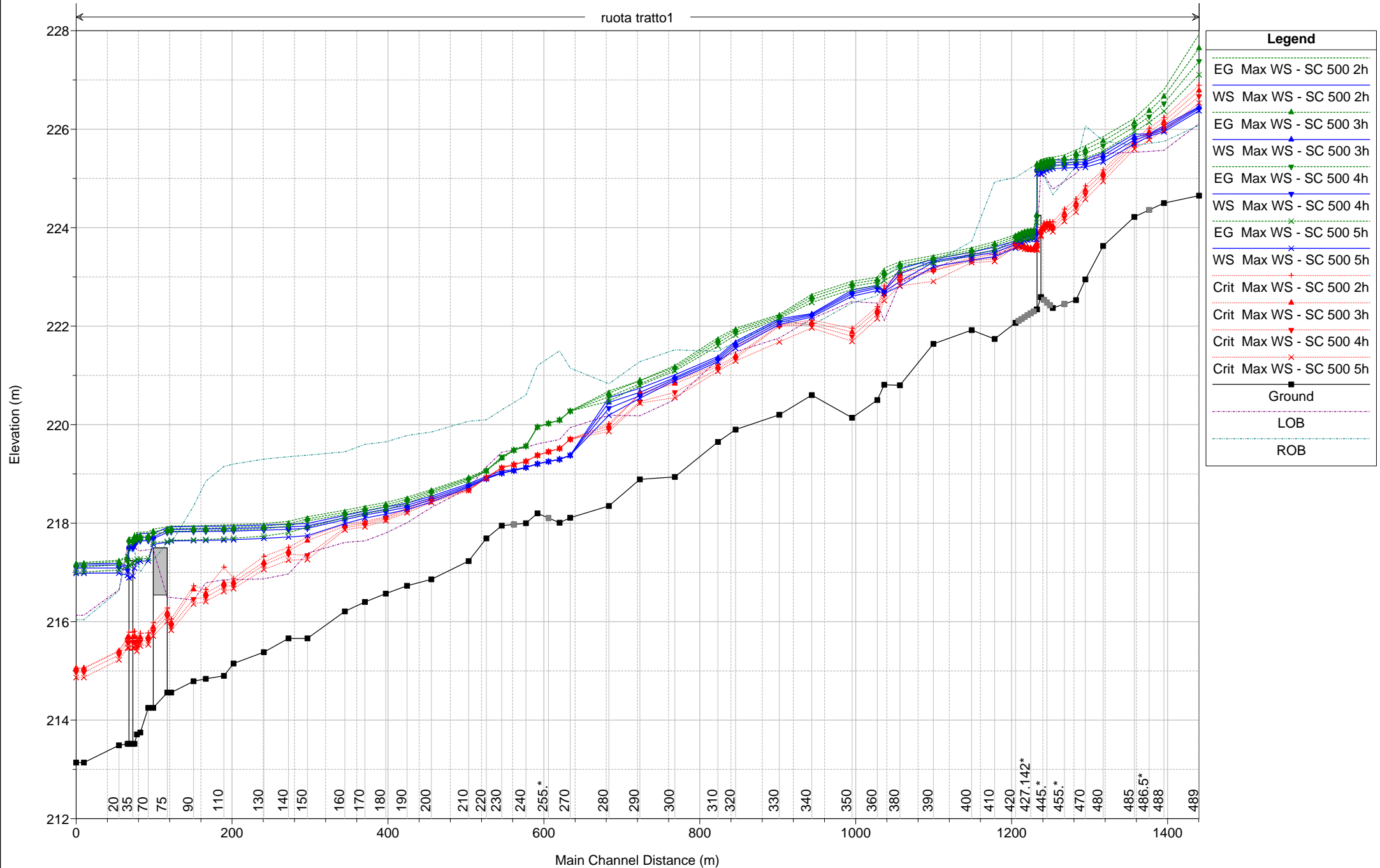
1) SC 500 2h 2) SC 500 3h 3) SC 500 4h 4) SC 500 5h

Geom: geometria badesse SA2015 2 Profilo idraulico T.Staggia - lateral sx

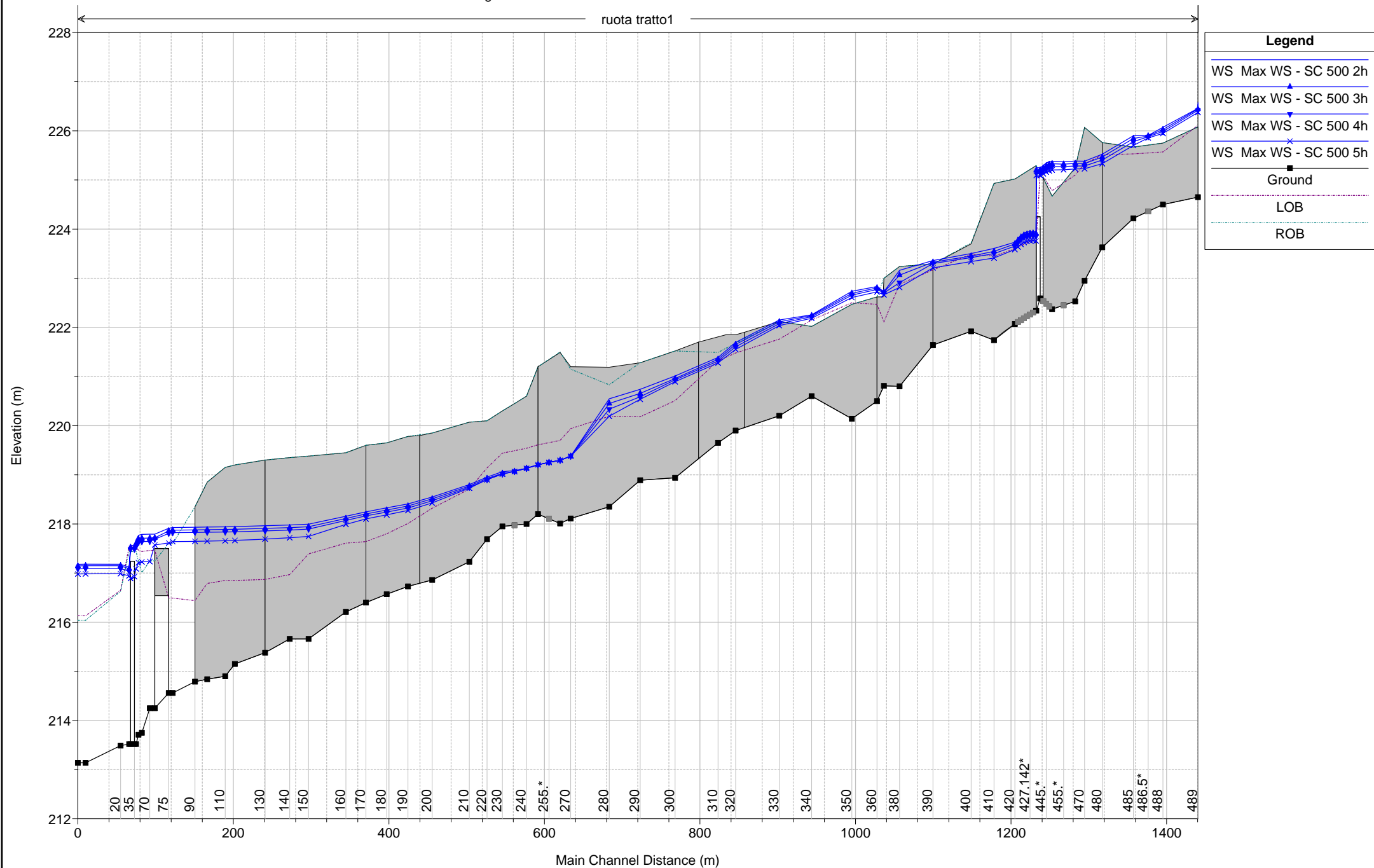


1) SC 500 2h   2) SC 500 3h   3) SC 500 4h   4) SC 500 5h

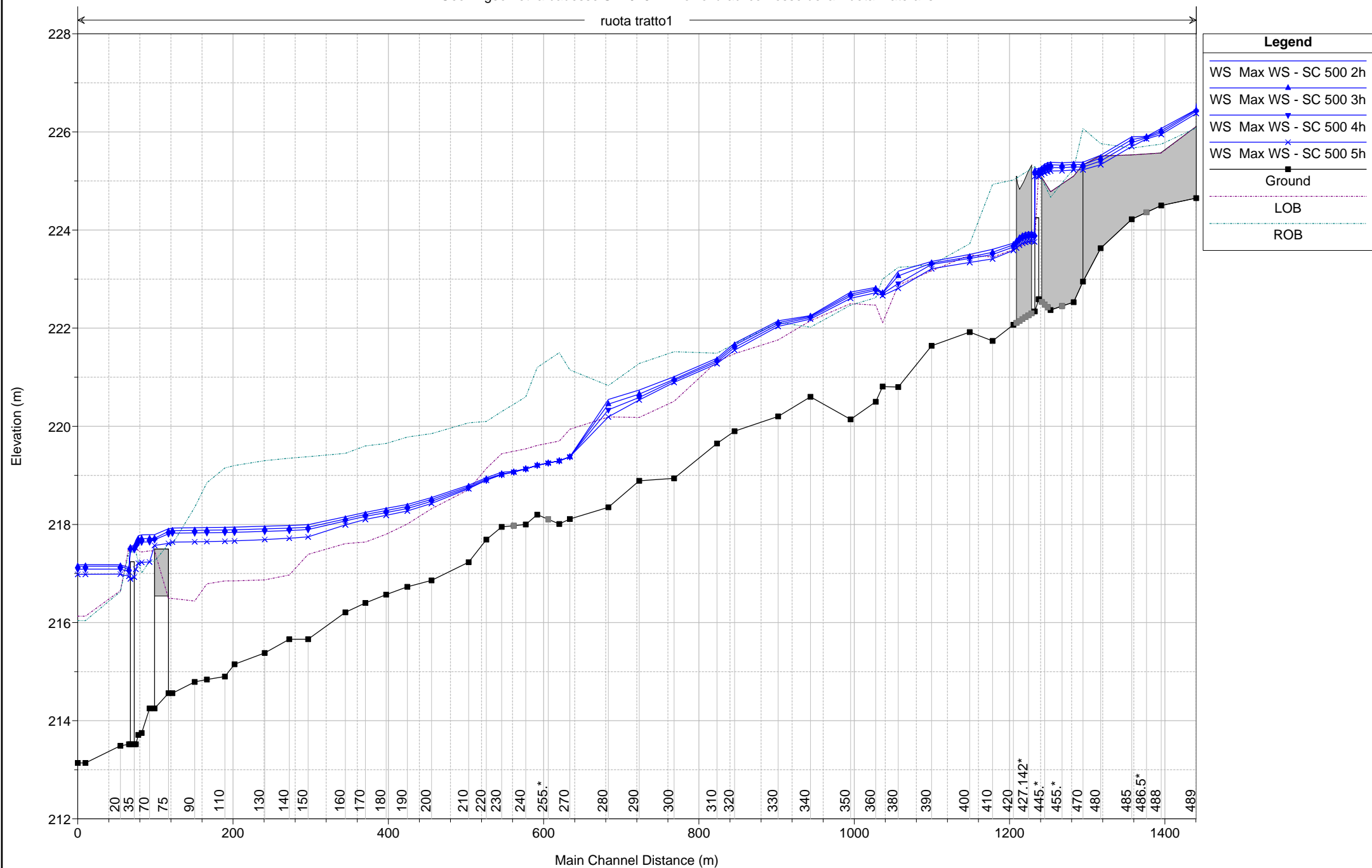
Geom: geometria badesse SA2015 2   Profilo idraulico Fosso della Ruota



1) SC 500 2h   2) SC 500 3h   3) SC 500 4h   4) SC 500 5h  
 Geom: geometria badesse SA2015 2   Profilo idraulico Fosso della Ruota - lateral dx

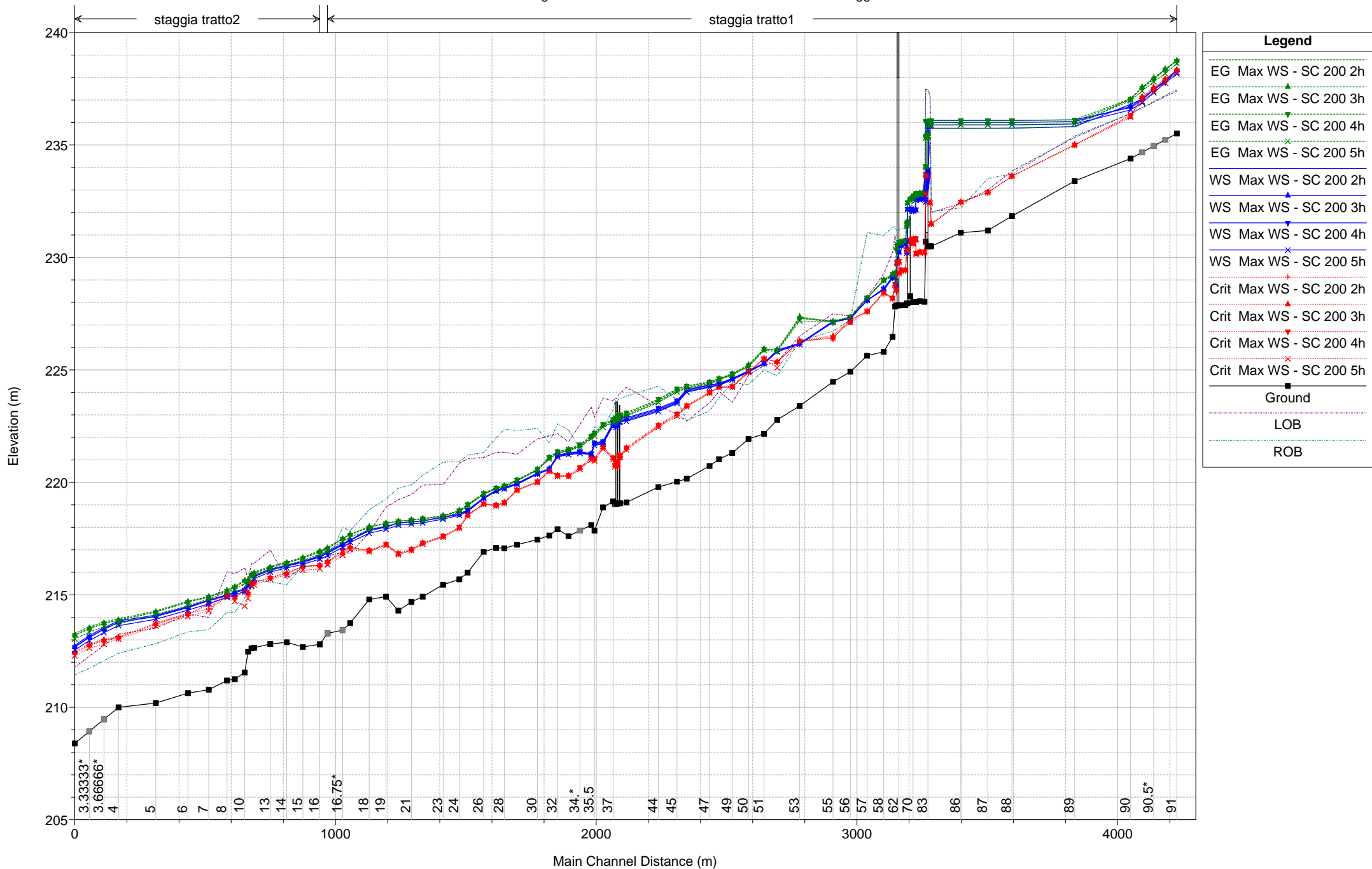


1) SC 500 2h 2) SC 500 3h 3) SC 500 4h 4) SC 500 5h  
Geom: geometria badesse SA2015 2 Profilo idraulico Fosso della Ruota - lateral sx



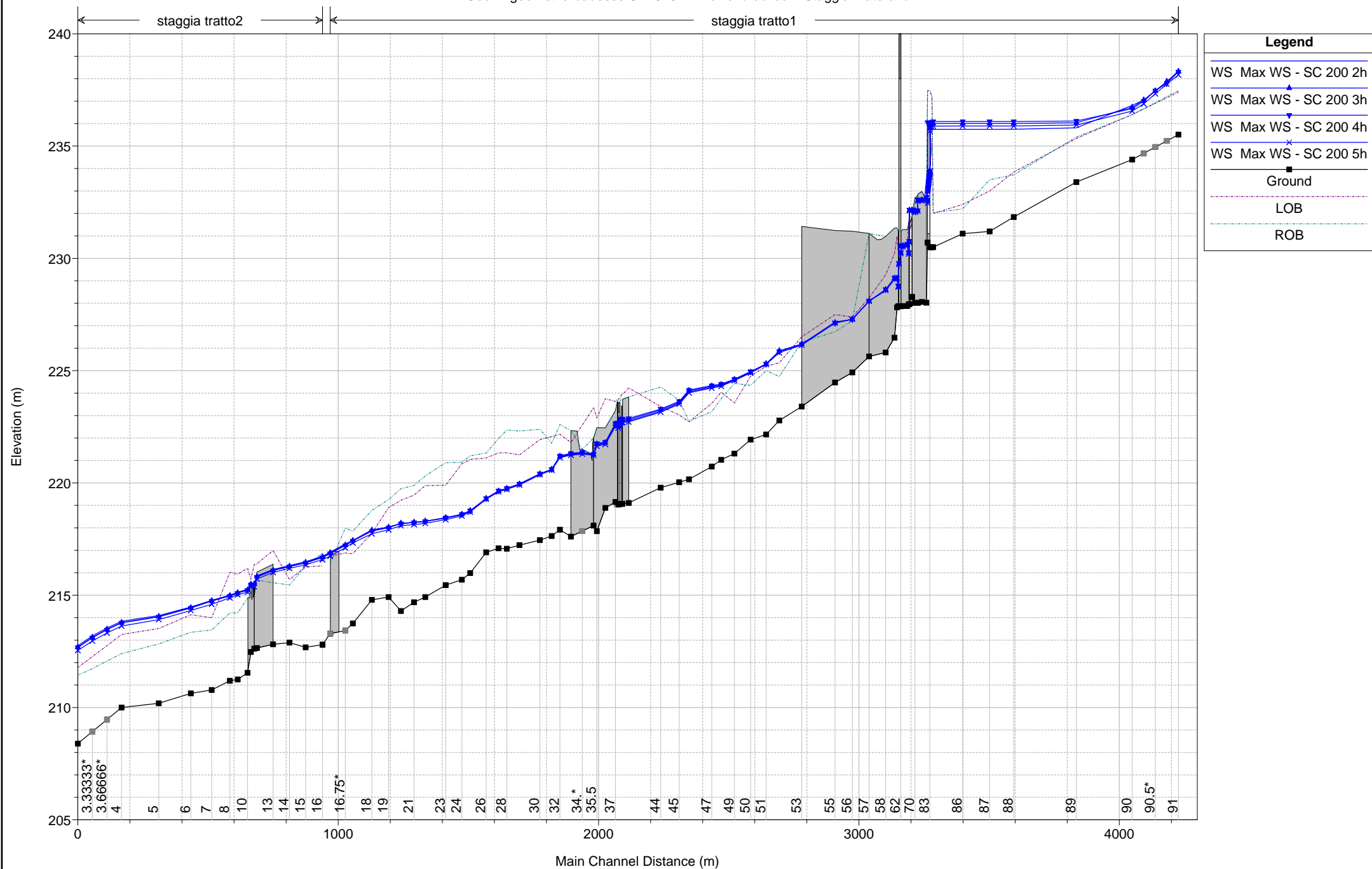
1) SC 200 2h 2) SC 200 3h 3) SC 200 4h 4) SC 200 5h

Geom: geometria badesse SA2015 2 Profilo idraulico T.Staggia



1) SC 200 2h 2) SC 200 3h 3) SC 200 4h 4) SC 200 5h

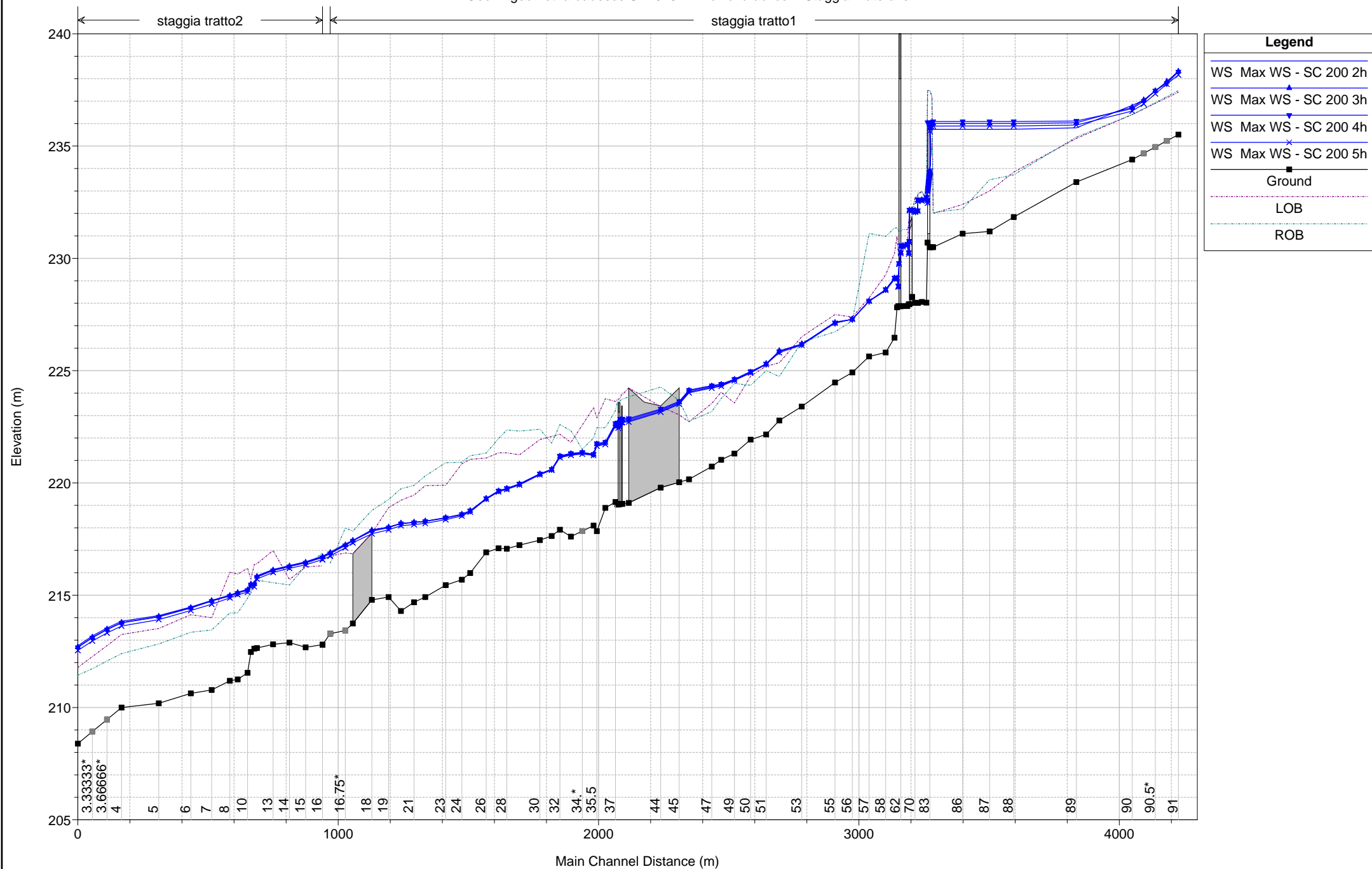
Geom: geometria badesse SA2015 2 Profilo idraulico T.Staggia - lateral dx





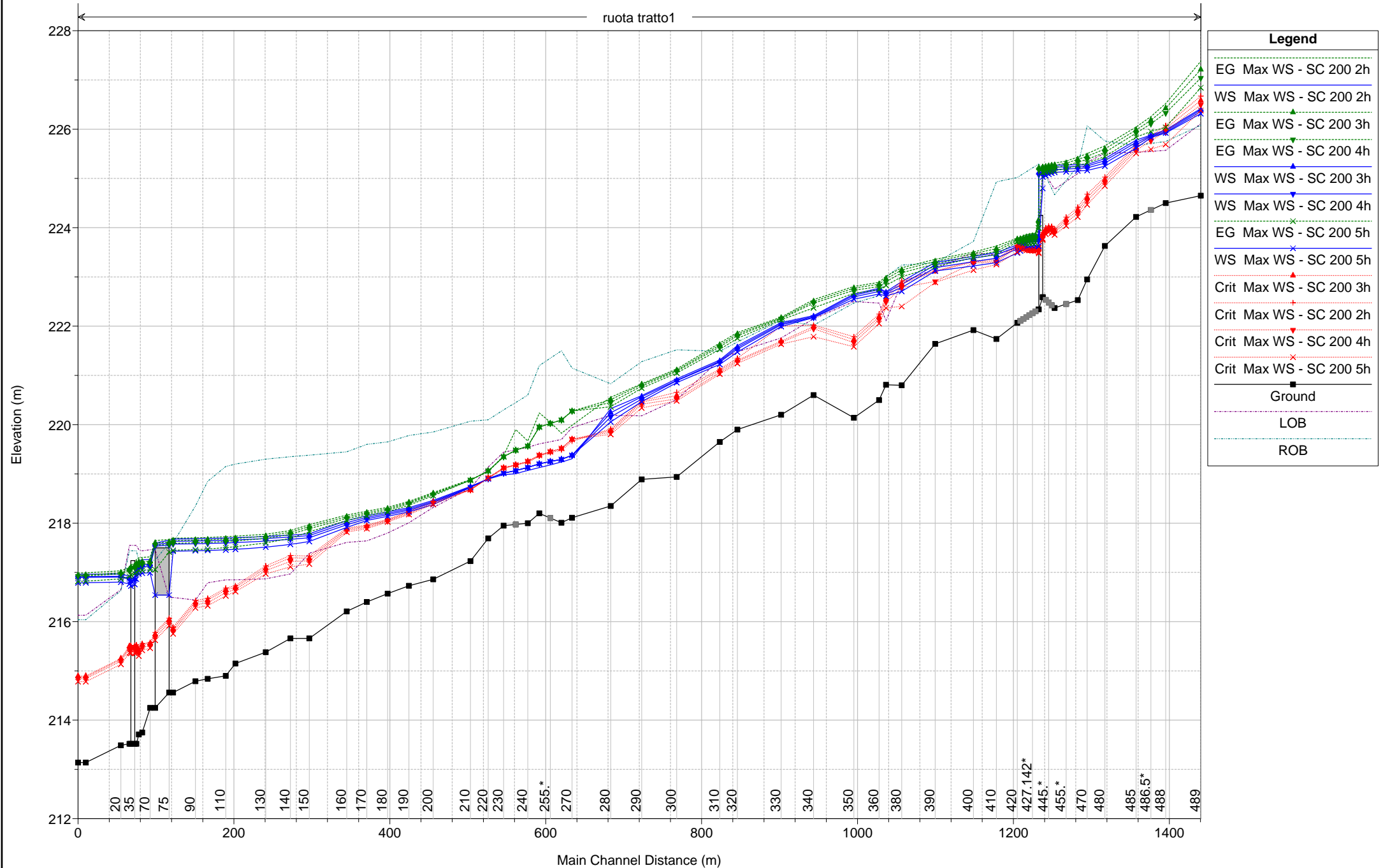
1) SC 200 2h   2) SC 200 3h   3) SC 200 4h   4) SC 200 5h

Geom: geometria badesse SA2015 2   Profilo idraulico T.Staggia - lateral sx

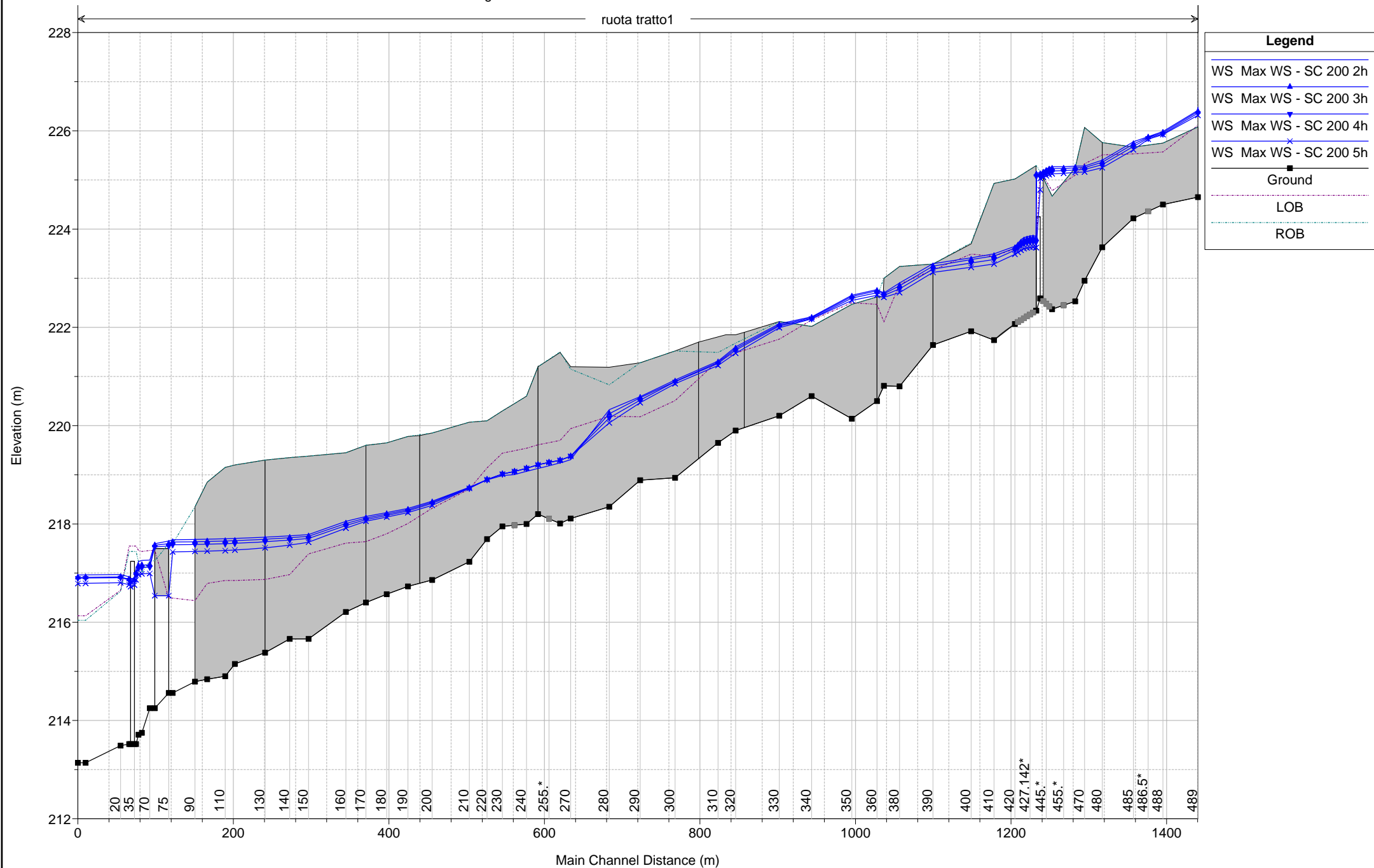


1) SC 200 2h   2) SC 200 3h   3) SC 200 4h   4) SC 200 5h

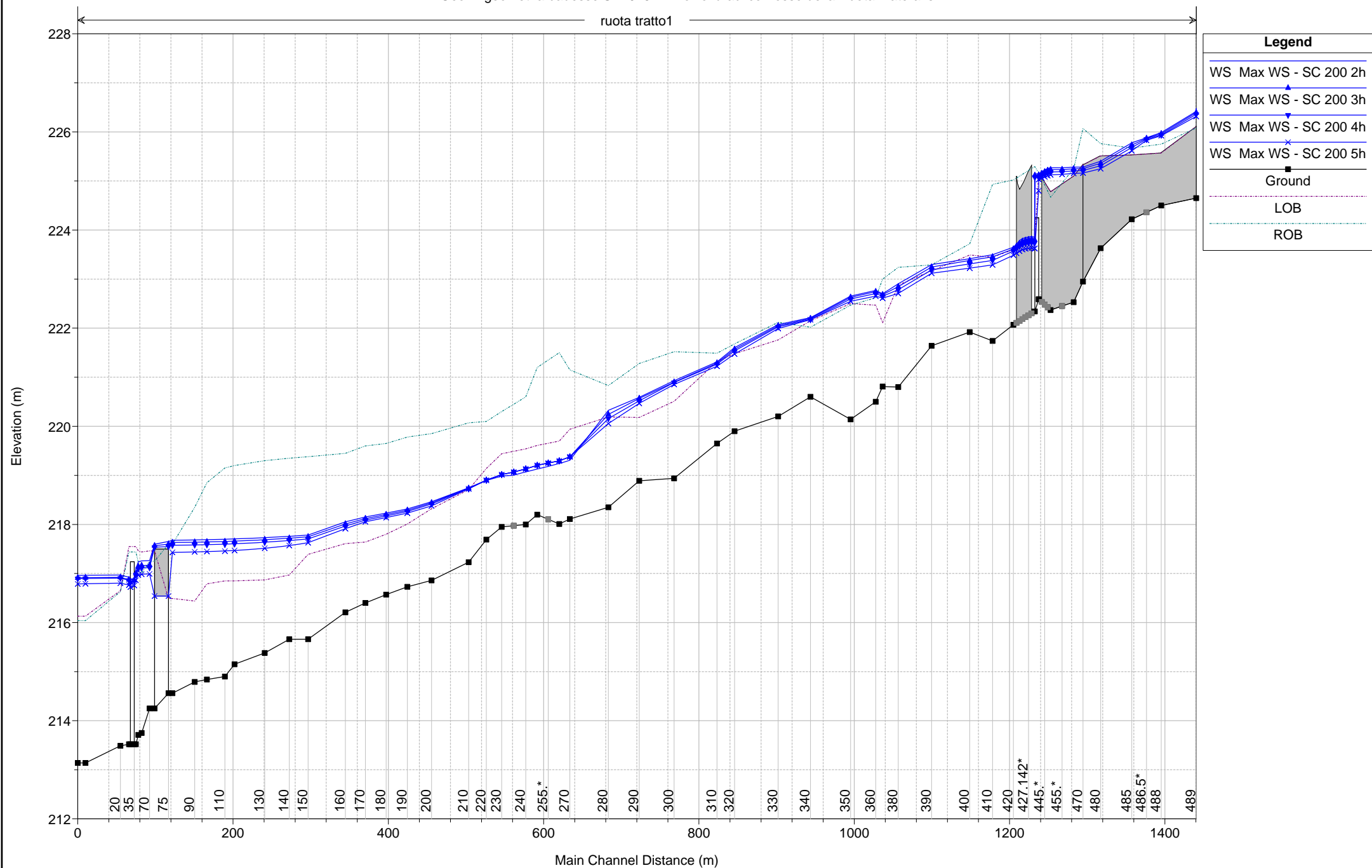
Geom: geometria badesse SA2015 2   Profilo idraulico Fosso della Ruota



1) SC 200 2h   2) SC 200 3h   3) SC 200 4h   4) SC 200 5h  
 Geom: geometria badesse SA2015 2   Profilo idraulico Fosso della Ruota - lateral dx

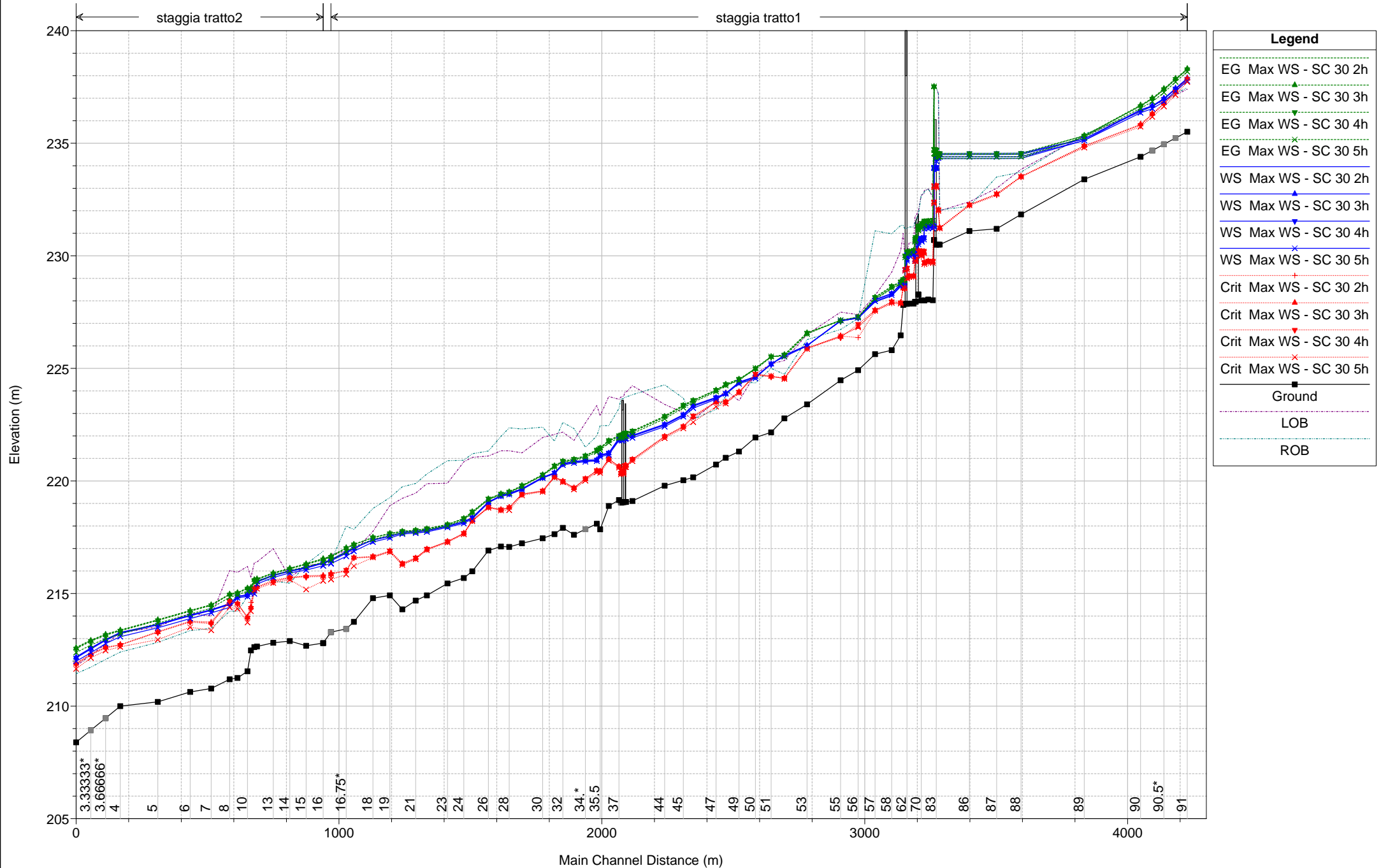


1) SC 200 2h   2) SC 200 3h   3) SC 200 4h   4) SC 200 5h  
 Geom: geometria badesse SA2015 2   Profilo idraulico Fosso della Ruota - lateral sx

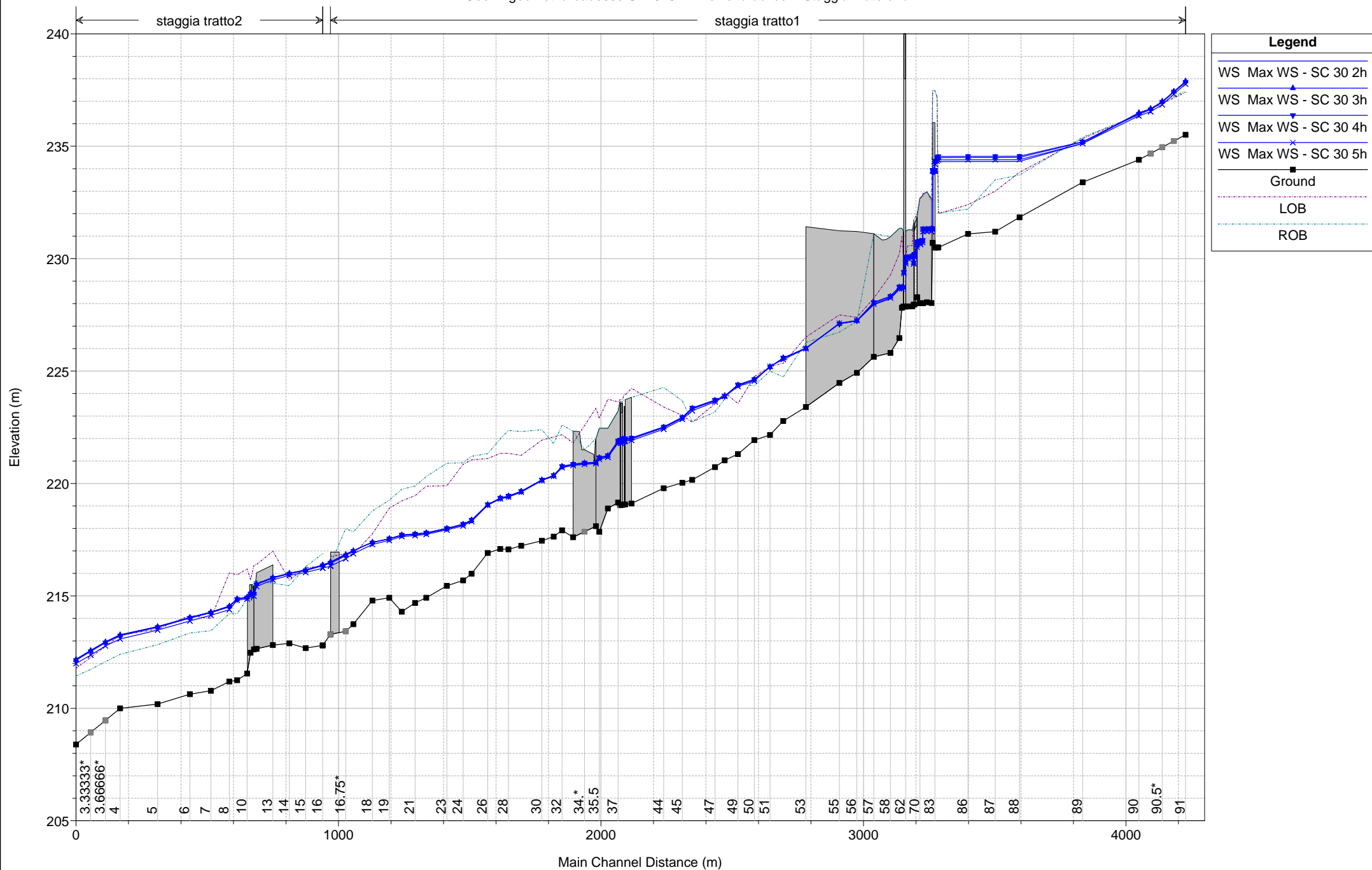


1) SC 30 2h   2) SC 30 3h   3) SC 30 4h   4) SC 30 5h

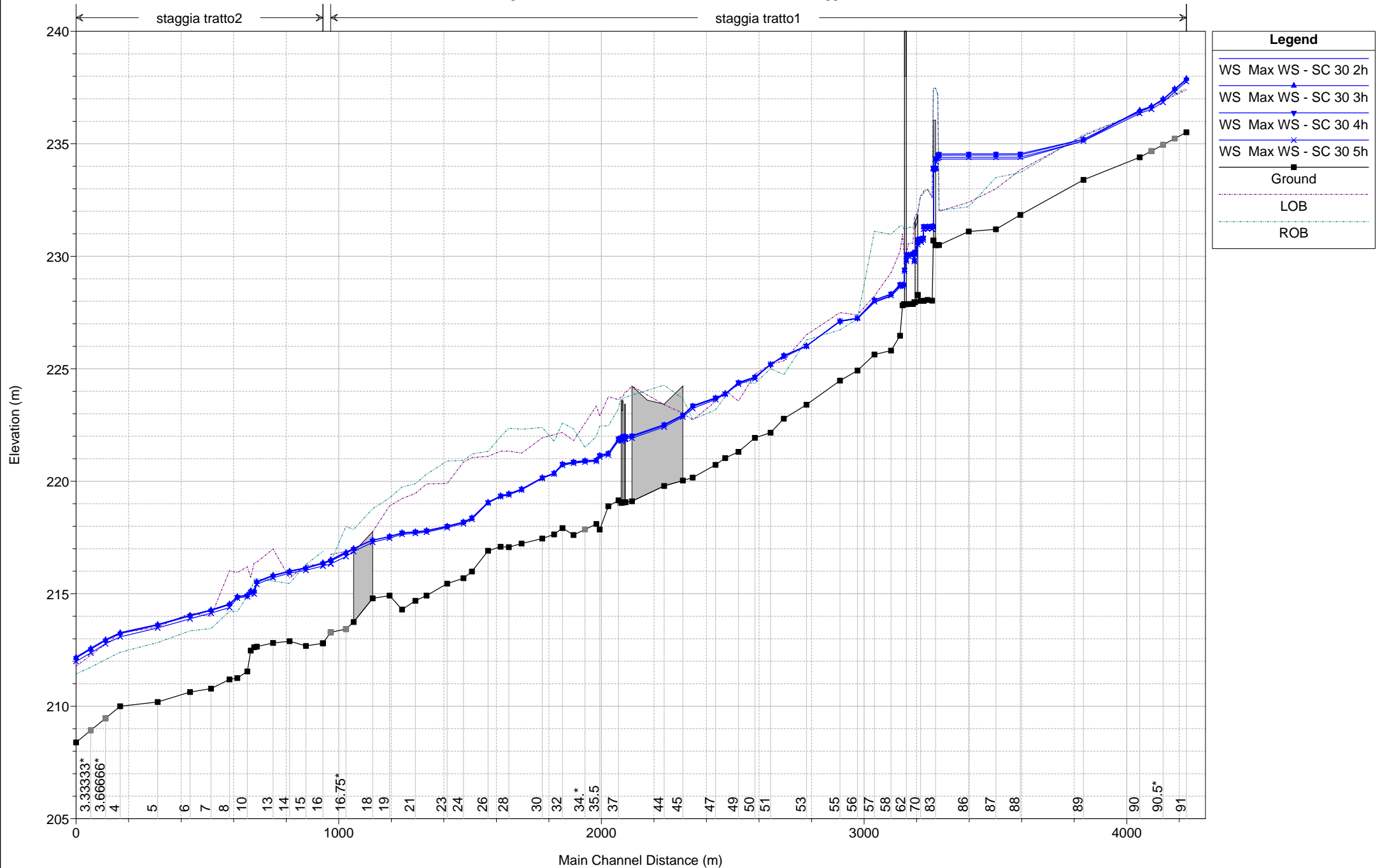
Geom: geometria badesse SA2015 2 Profilo idraulico T.Staggia



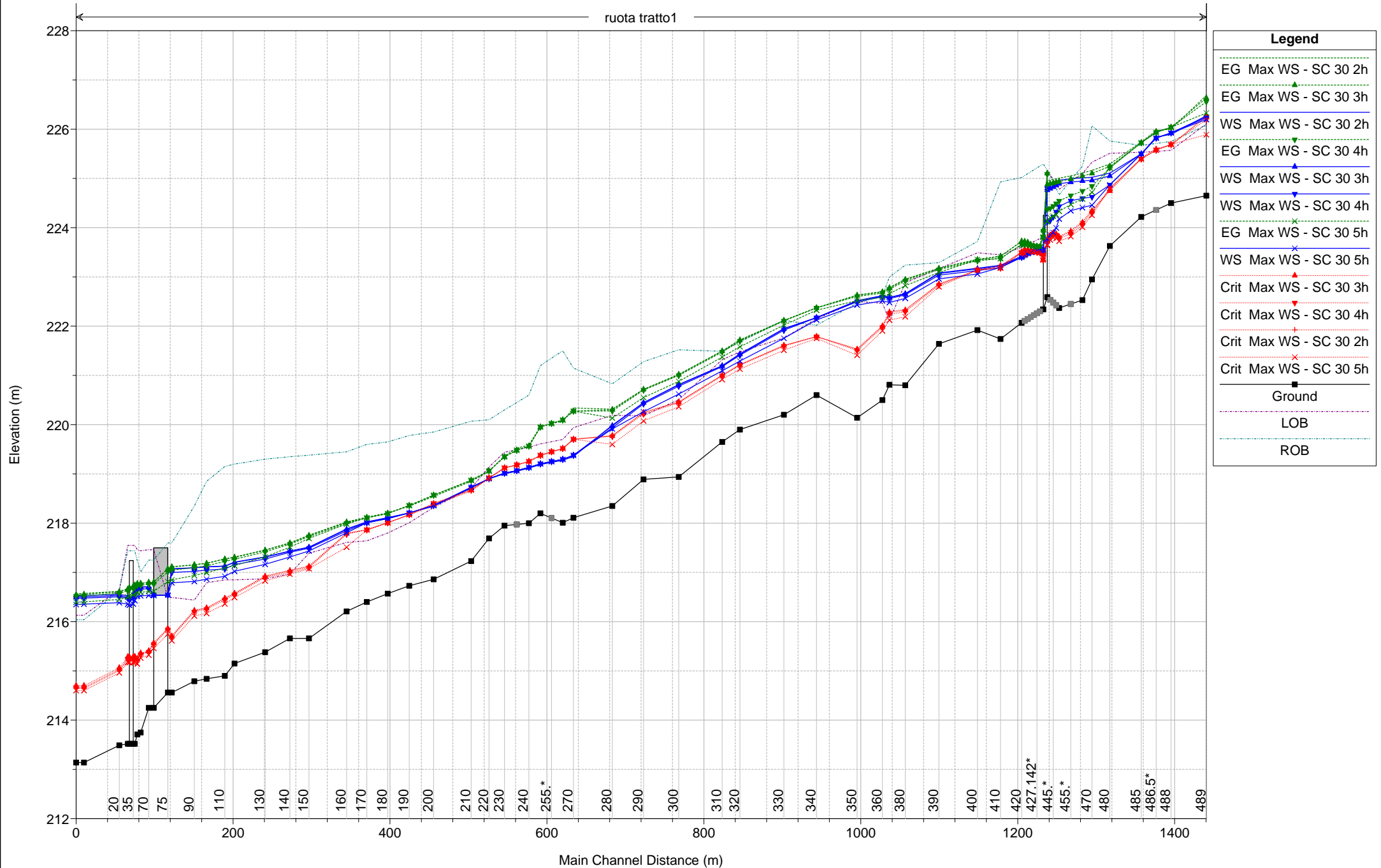
1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h  
 Geom: geometria badesse SA2015 2 Profilo idraulico T.Staggia - lateral dx



1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h  
 Geom: geometria badesse SA2015 2 Profilo idraulico T.Staggia - lateral sx

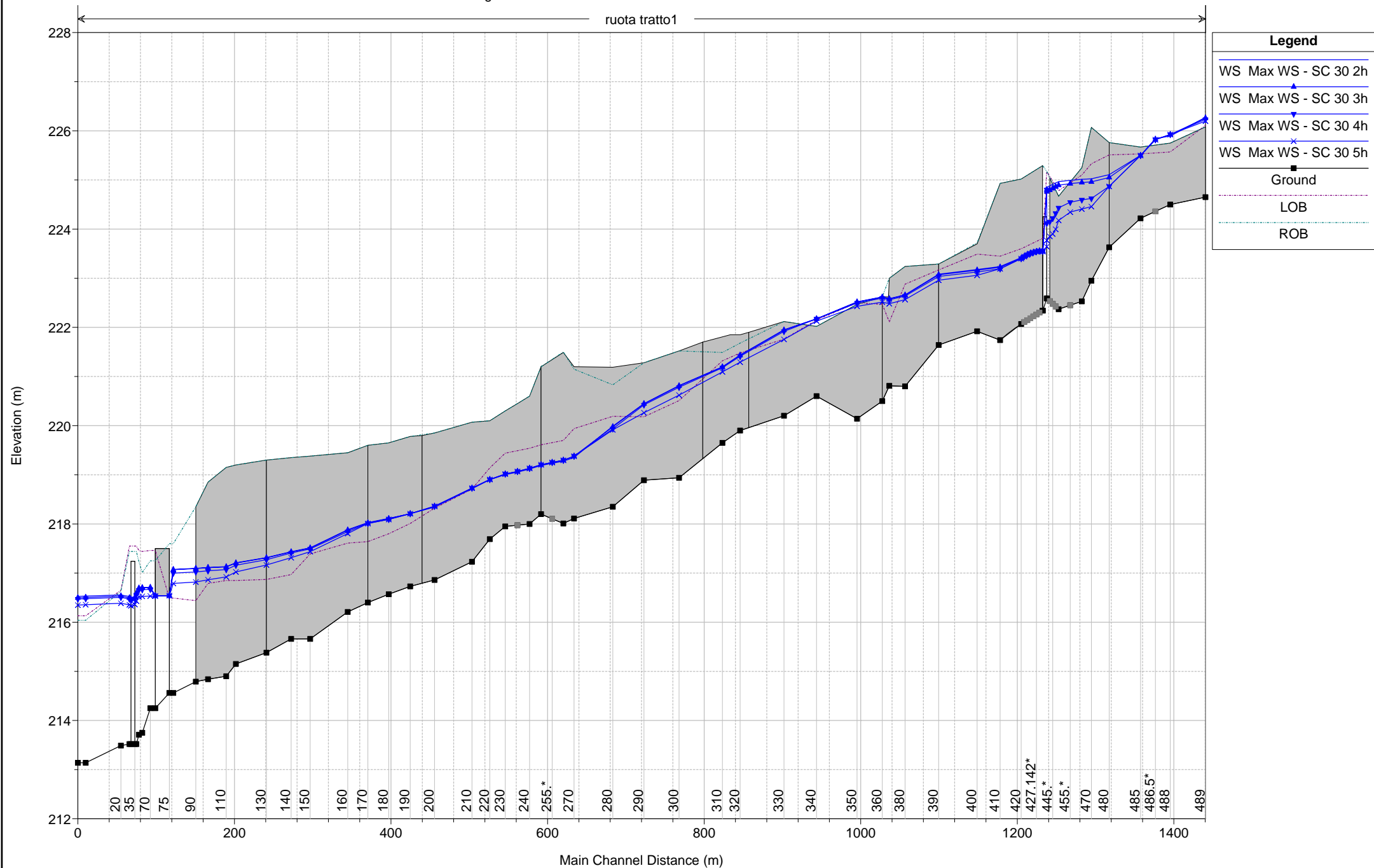


1) SC 30 2h   2) SC 30 3h   3) SC 30 4h   4) SC 30 5h  
 Geom: geometria badesse SA2015 2   Profilo idraulico Fosso della Ruota

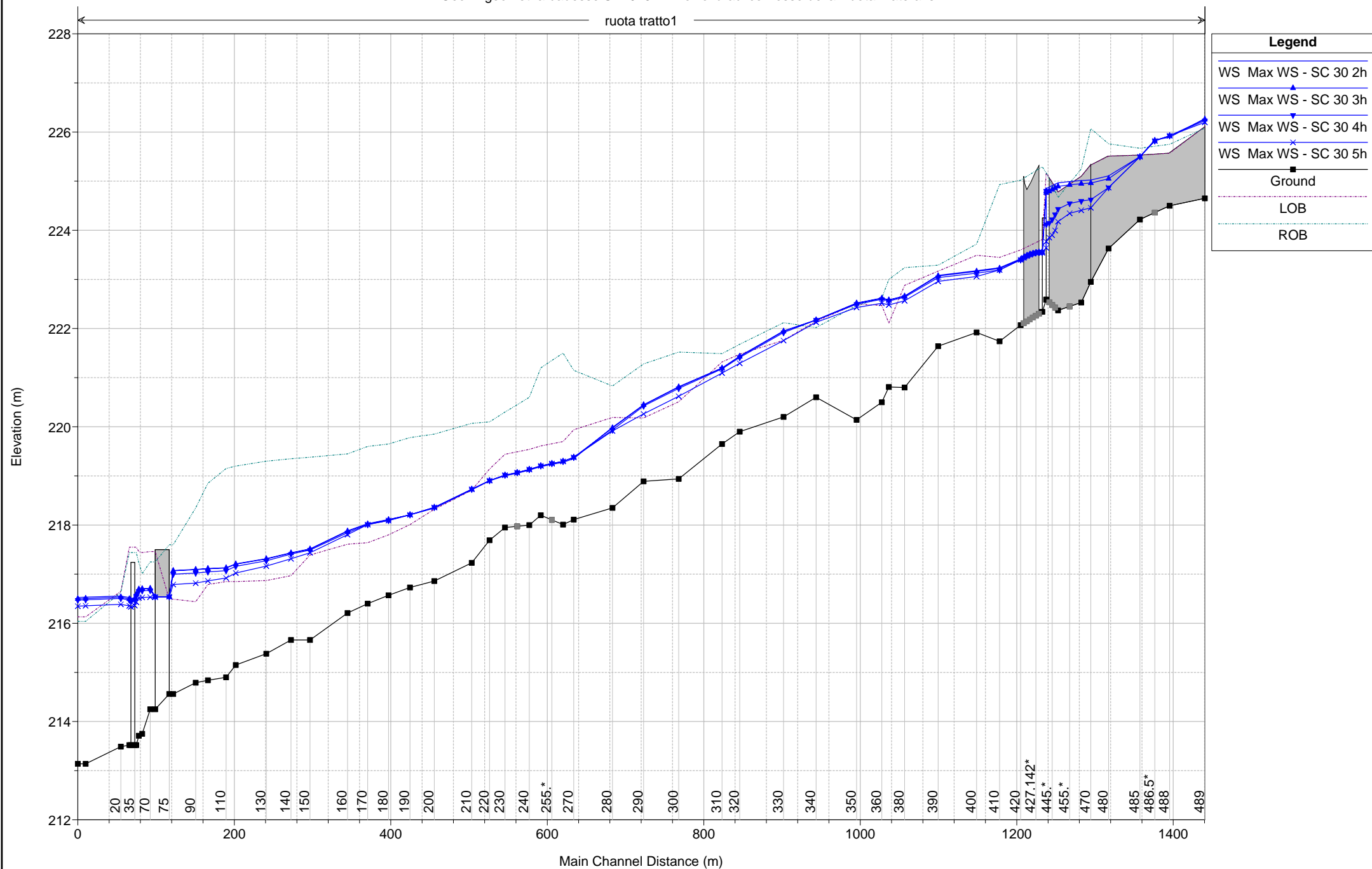




1) SC 30 2h   2) SC 30 3h   3) SC 30 4h   4) SC 30 5h  
 Geom: geometria badesse SA2015 2 Profilo idraulico Fosso della Ruota - lateral dx



1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h  
 Geom: geometria badesse SA2015 2 Profilo idraulico Fosso della Ruota - lateral sx

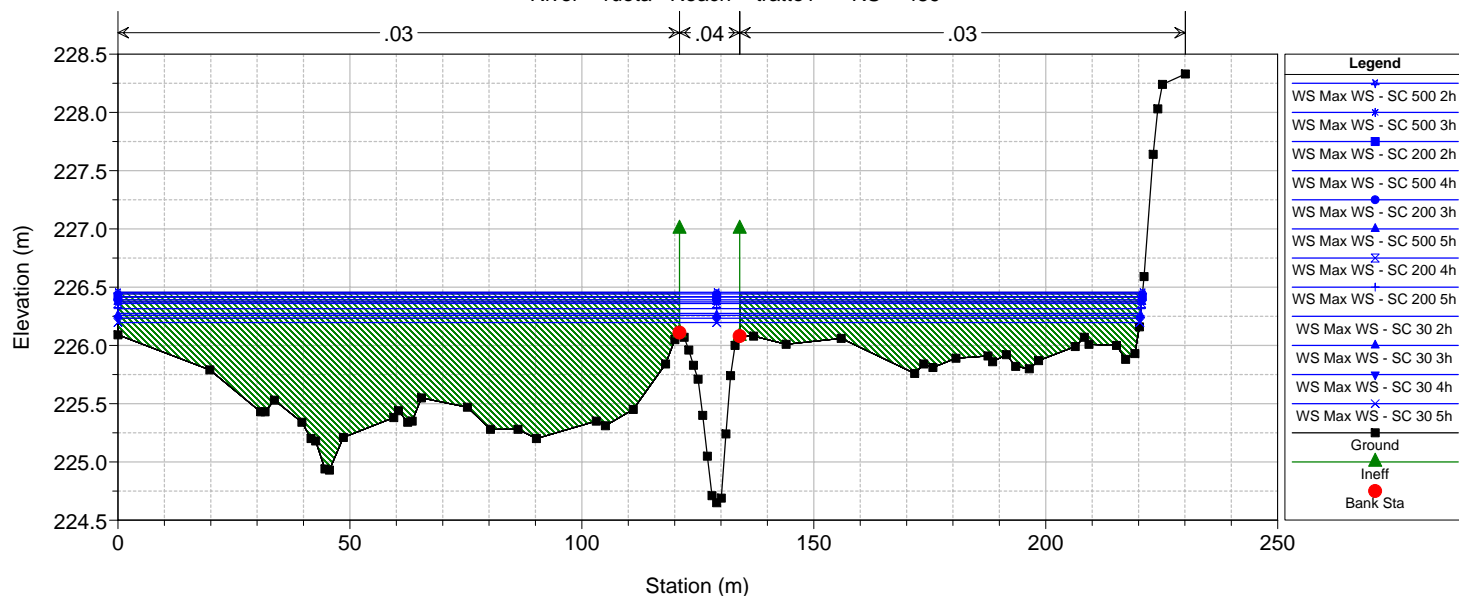


***ALLEGATI DI CALCOLO APPLICATIVO HEC RAS***

***Sezioni idrauliche con livelli idraulici per tempi di ritorno 500, 200 e 30 anni***

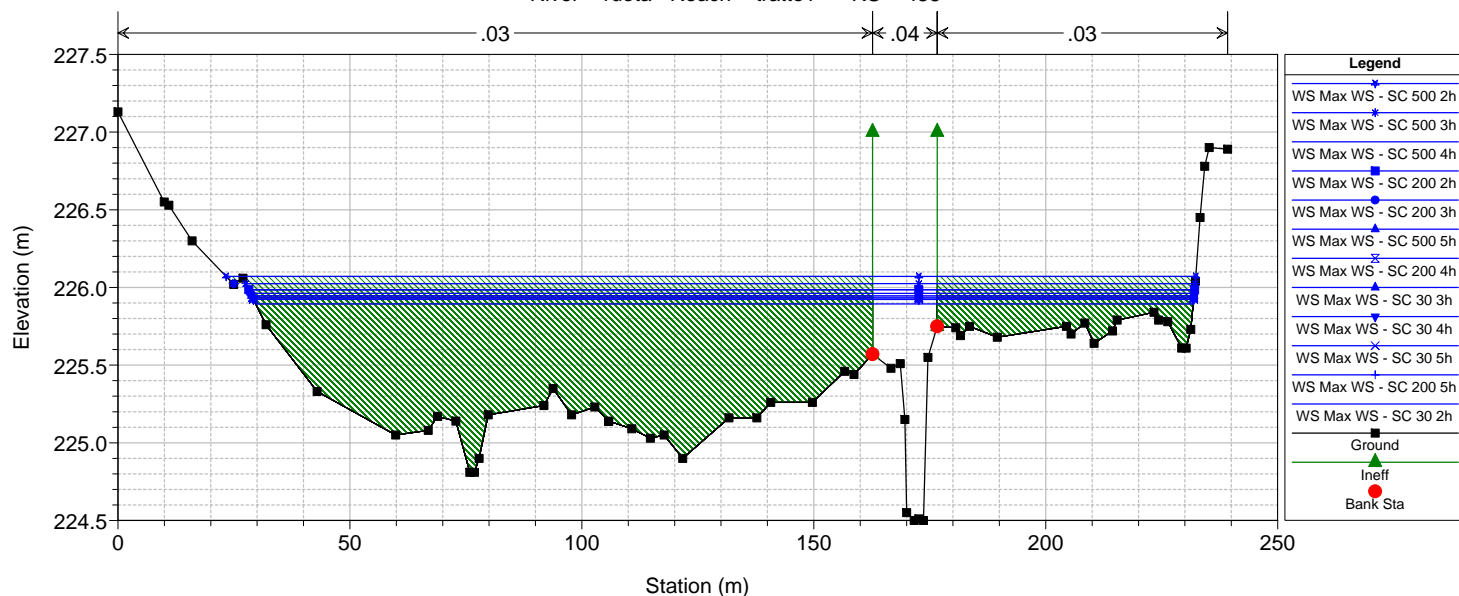
1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2  
River = ruota Reach = tratto1 RS = 489



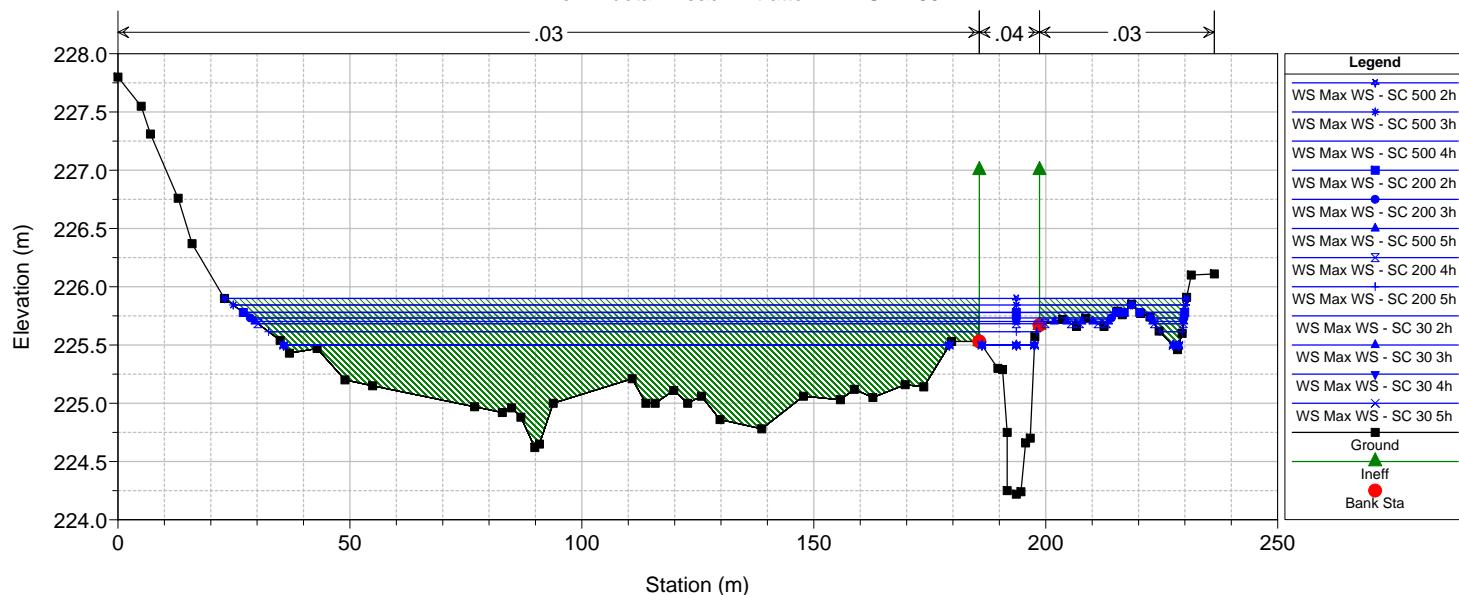
1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2  
River = ruota Reach = tratto1 RS = 488



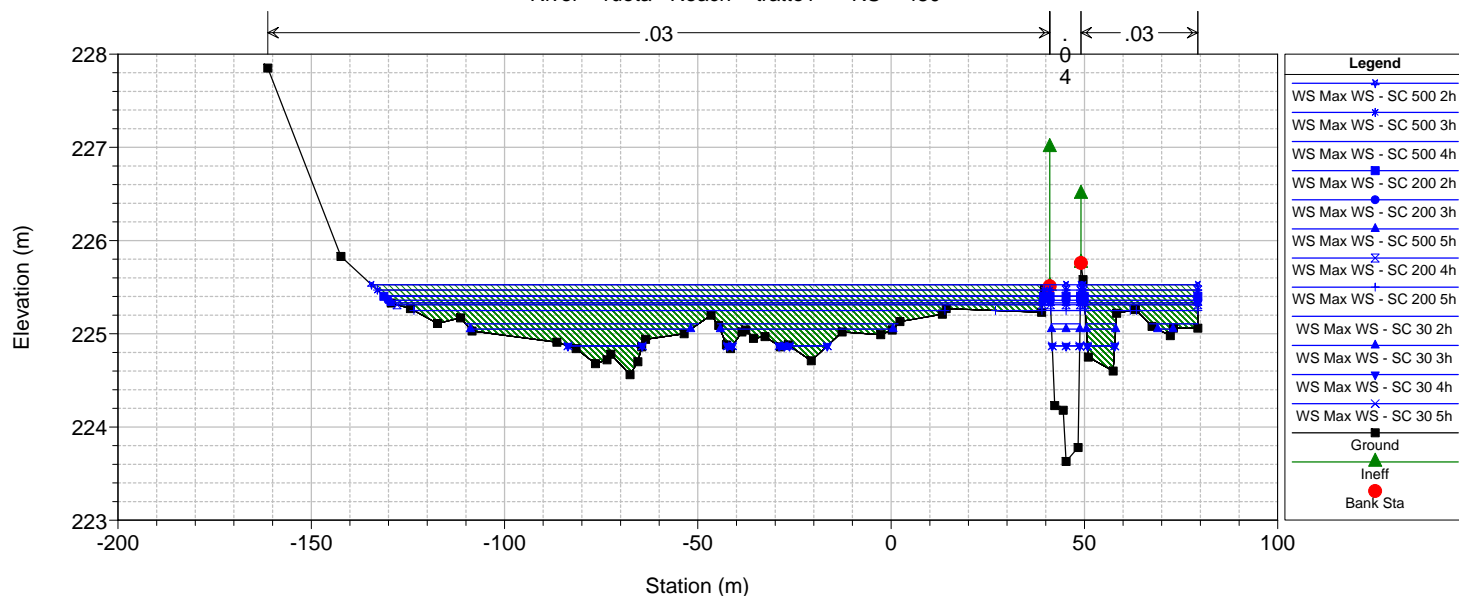
1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2  
River = ruota Reach = tratto1 RS = 485



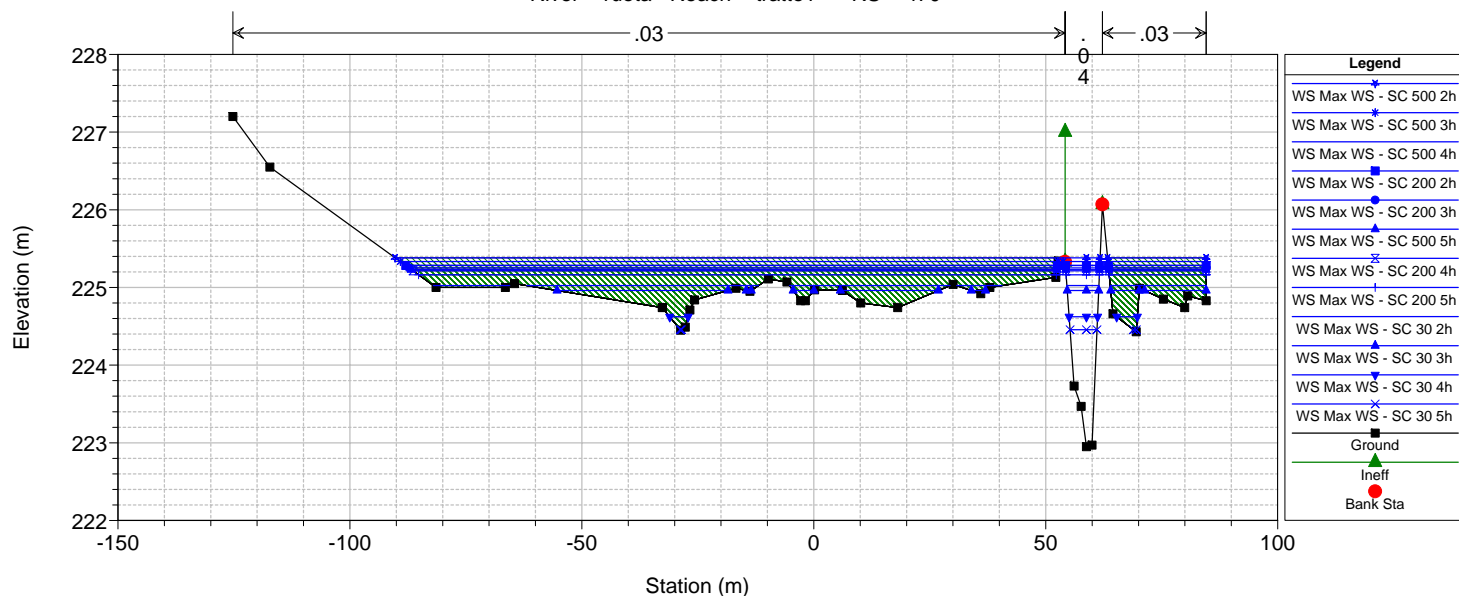
1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2  
River = ruota Reach = tratto1 RS = 480



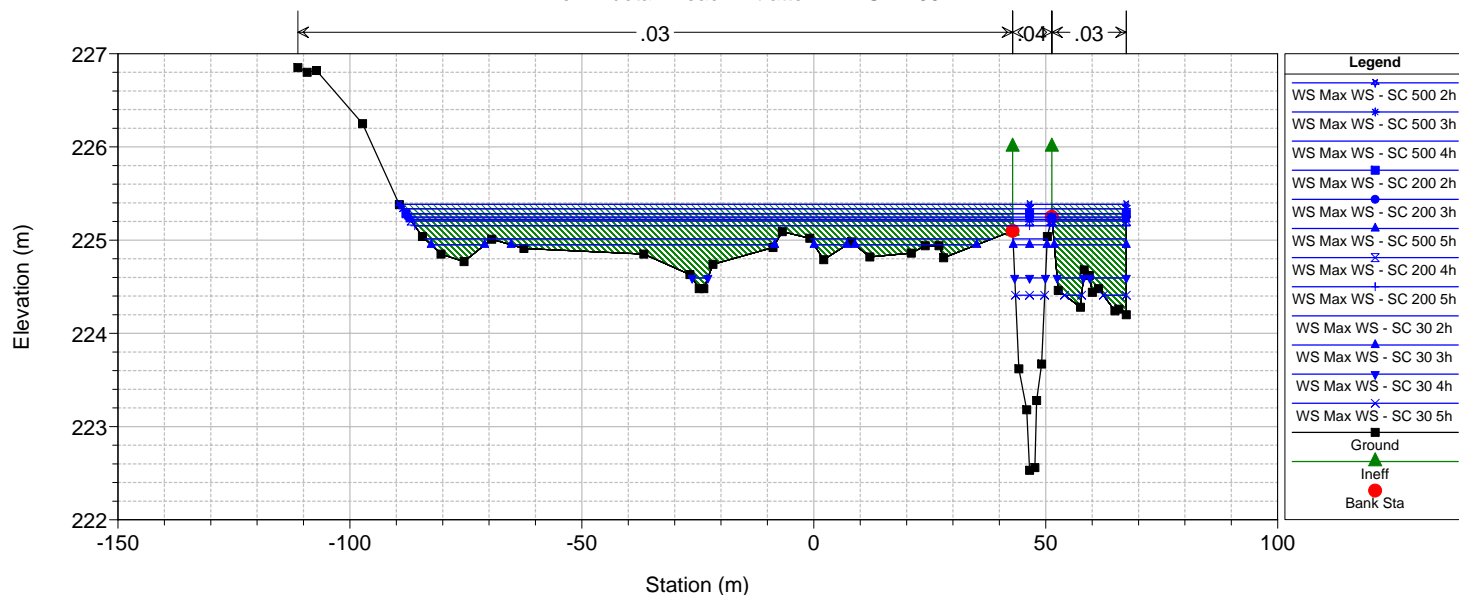
1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2  
River = ruota Reach = tratto1 RS = 470



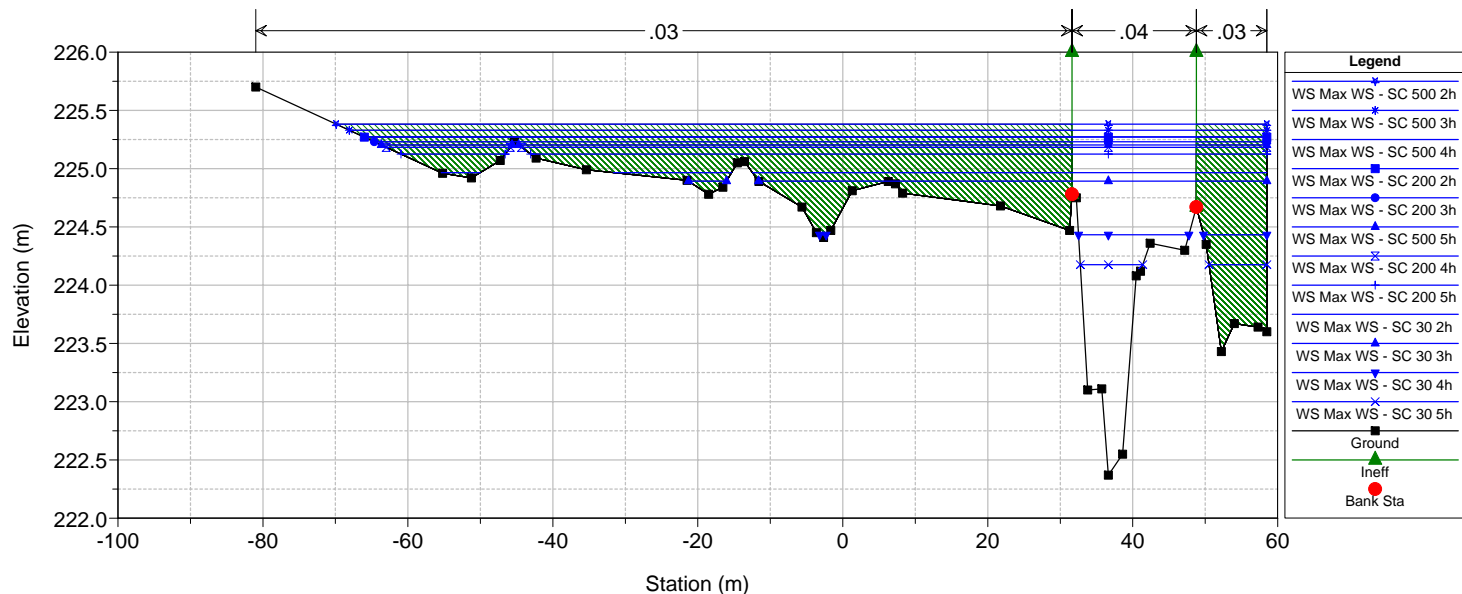
1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2  
River = ruota Reach = tratto1 RS = 460



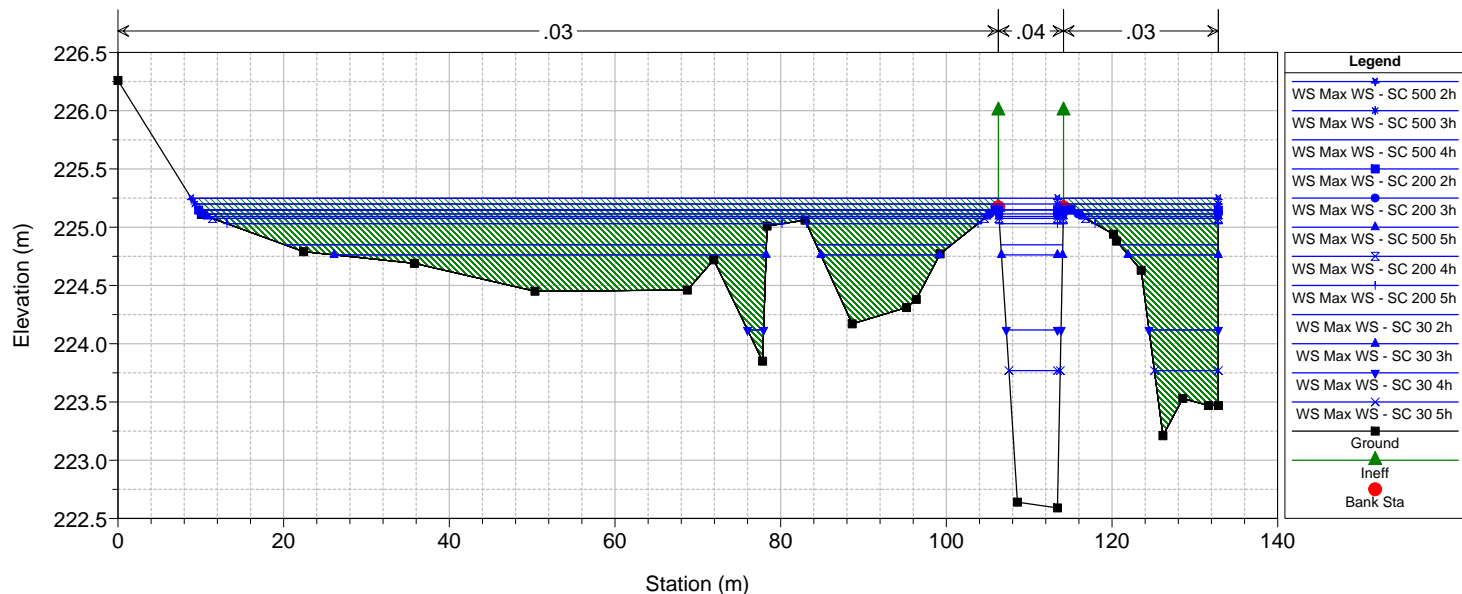
1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2  
River = ruota Reach = tratto1 RS = 450



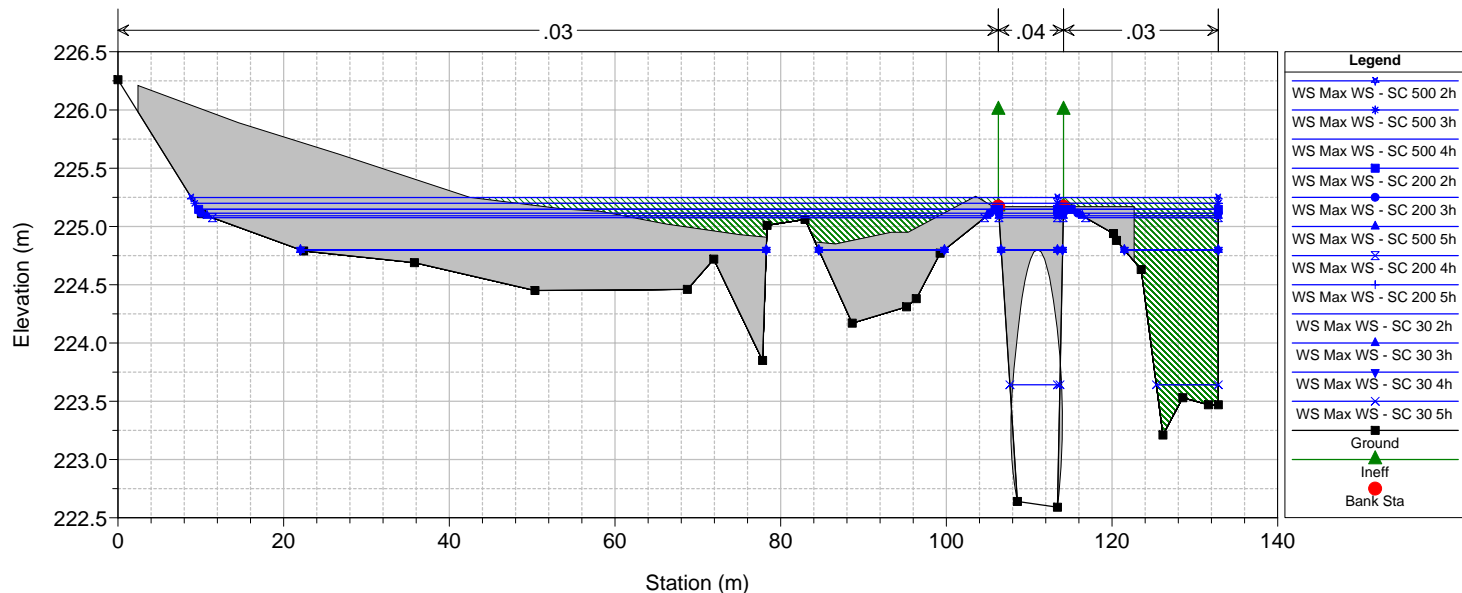
1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2  
River = ruota Reach = tratto1 RS = 440



1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

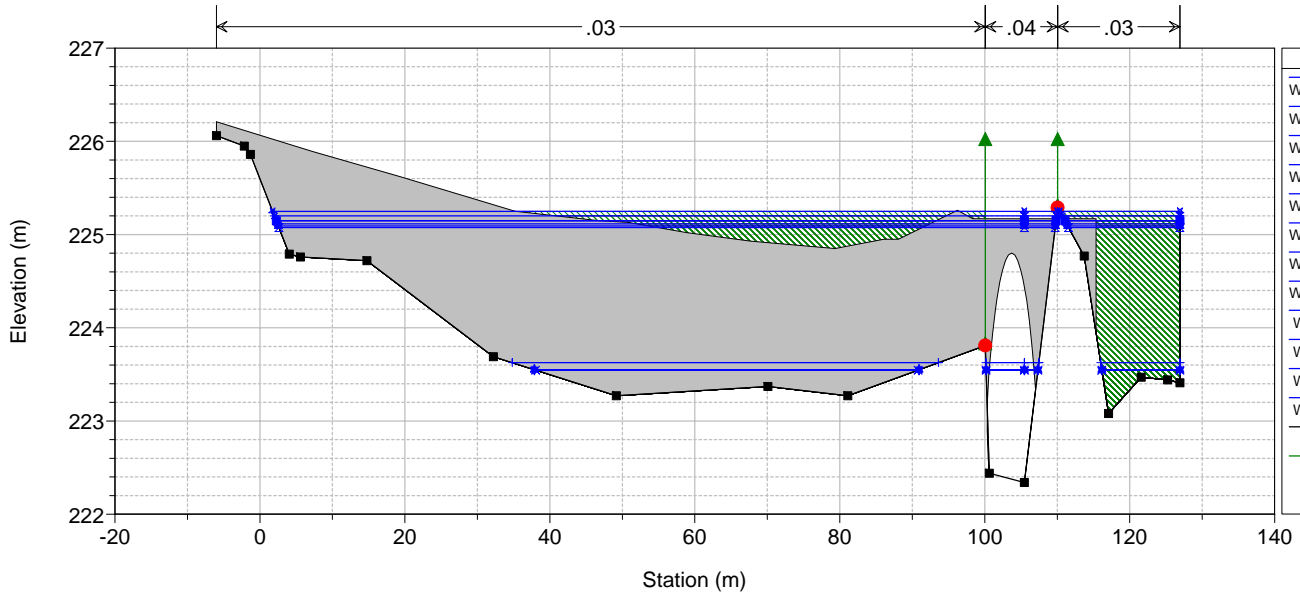
Geom: geometria badesse SA2015 2  
River = ruota Reach = tratto1 RS = 435 BR



1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2

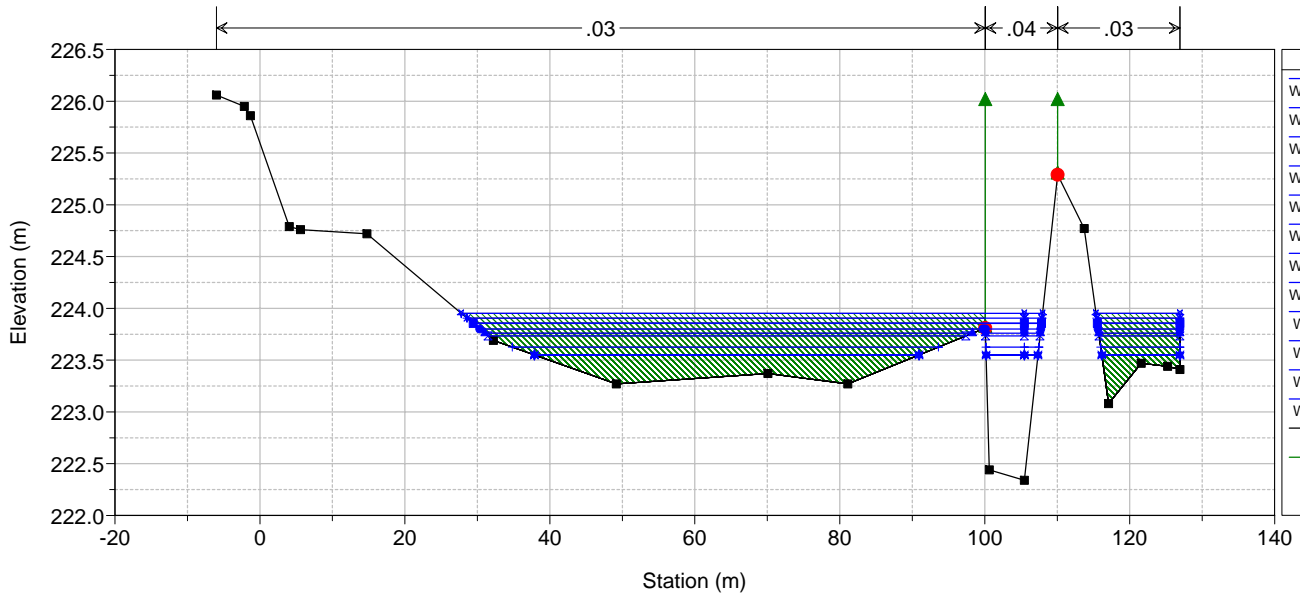
River = ruota Reach = tratto1 RS = 435 BR



1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2

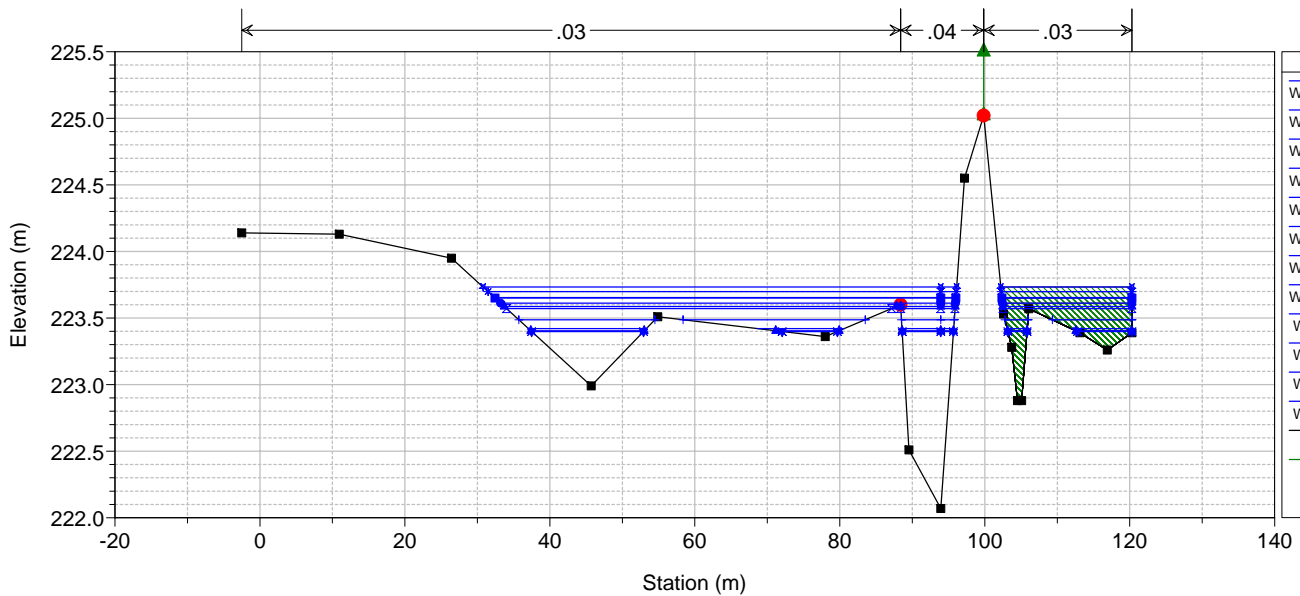
River = ruota Reach = tratto1 RS = 430



1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

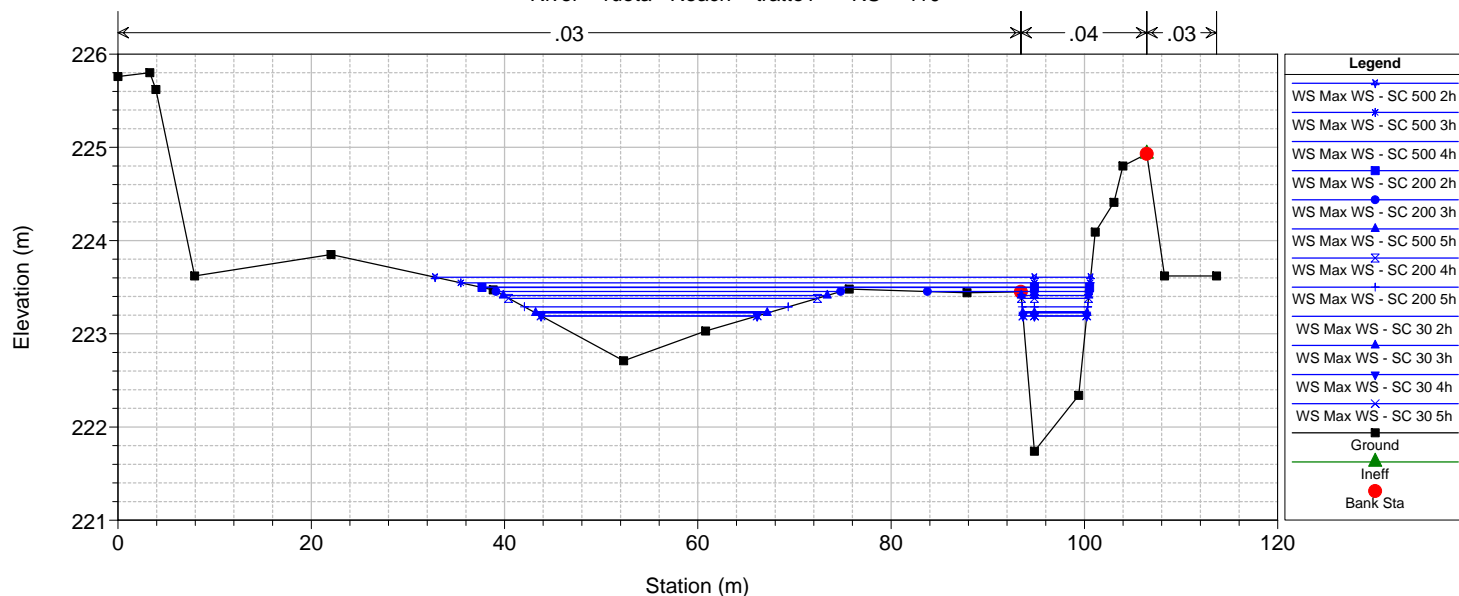
Geom: geometria badesse SA2015 2

River = ruota Reach = tratto1 RS = 420



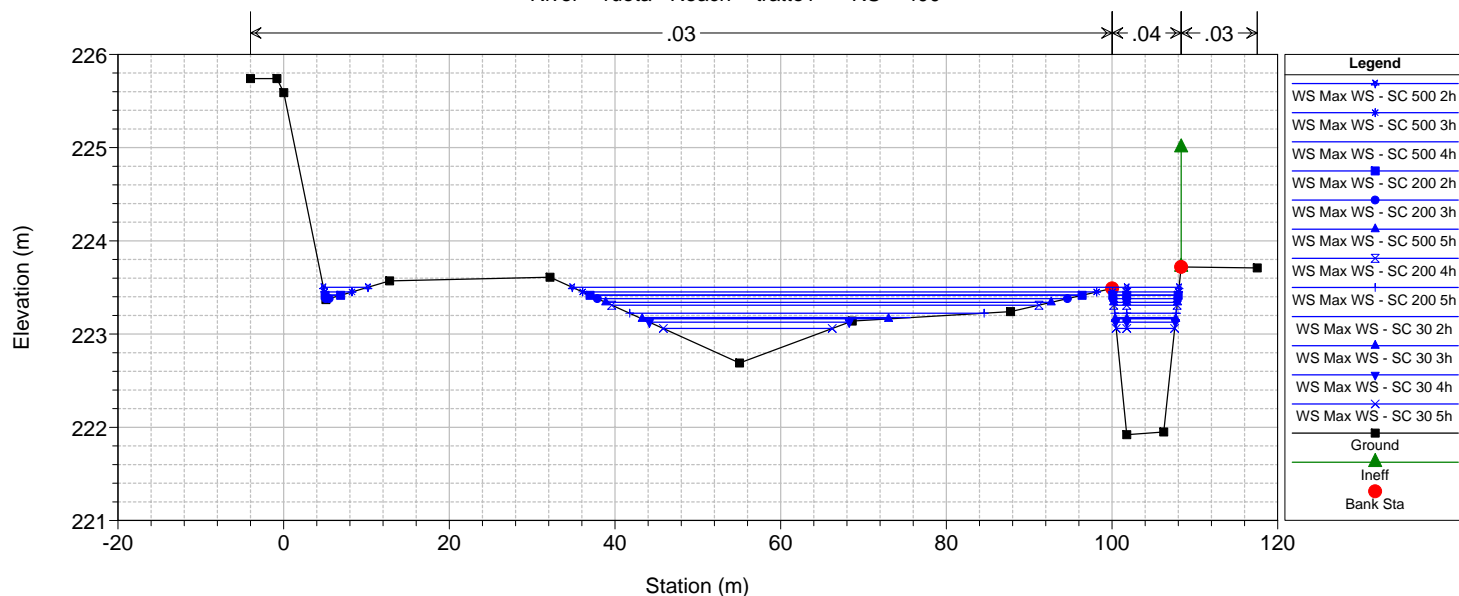
1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2  
River = ruota Reach = tratto1 RS = 410



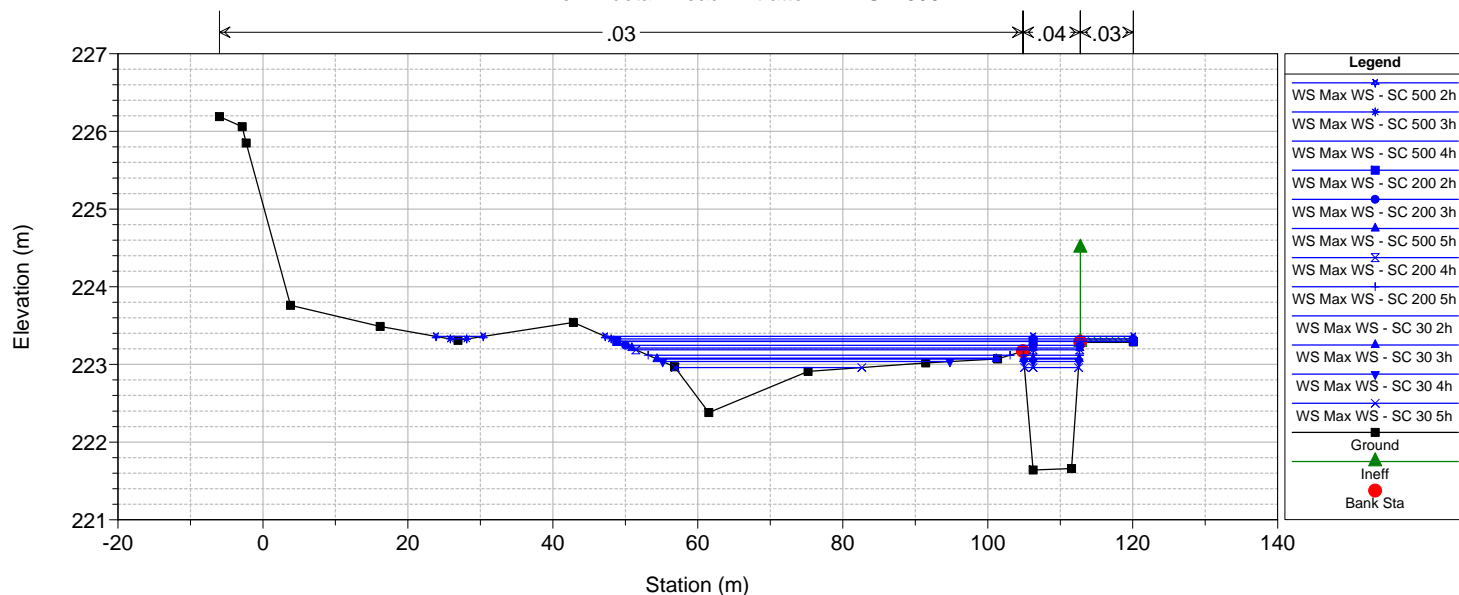
1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2  
River = ruota Reach = tratto1 RS = 400



1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

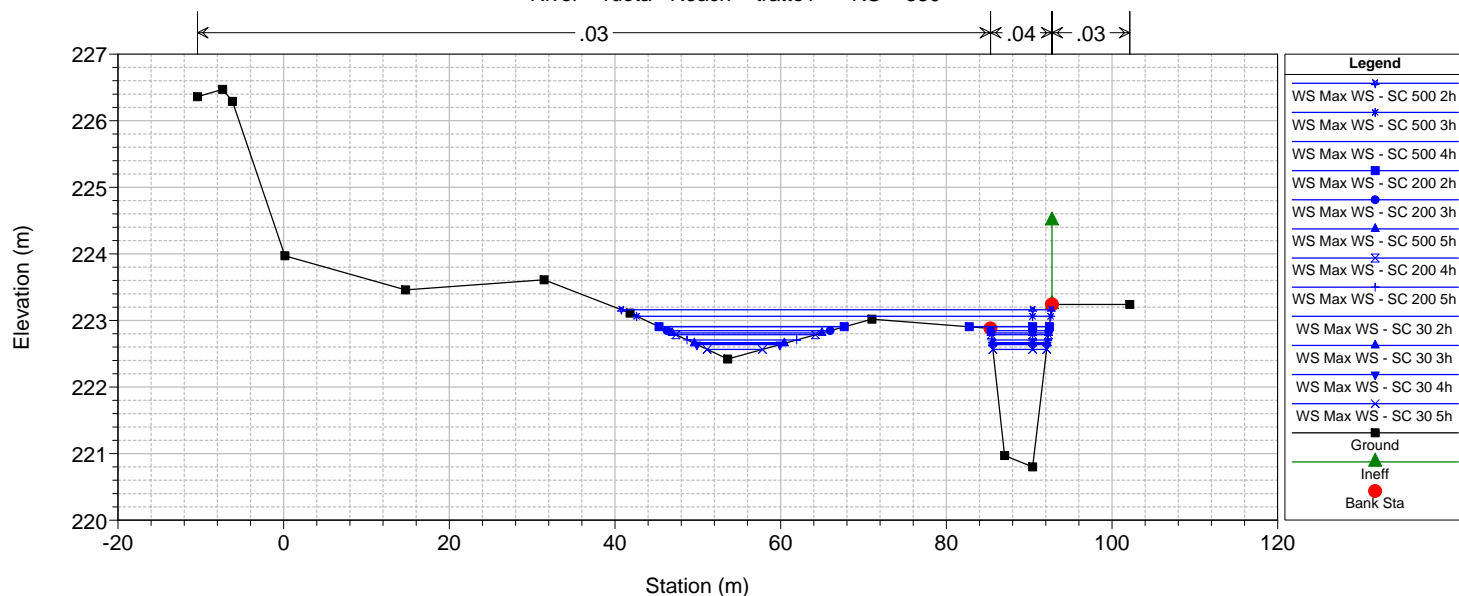
Geom: geometria badesse SA2015 2  
River = ruota Reach = tratto1 RS = 390





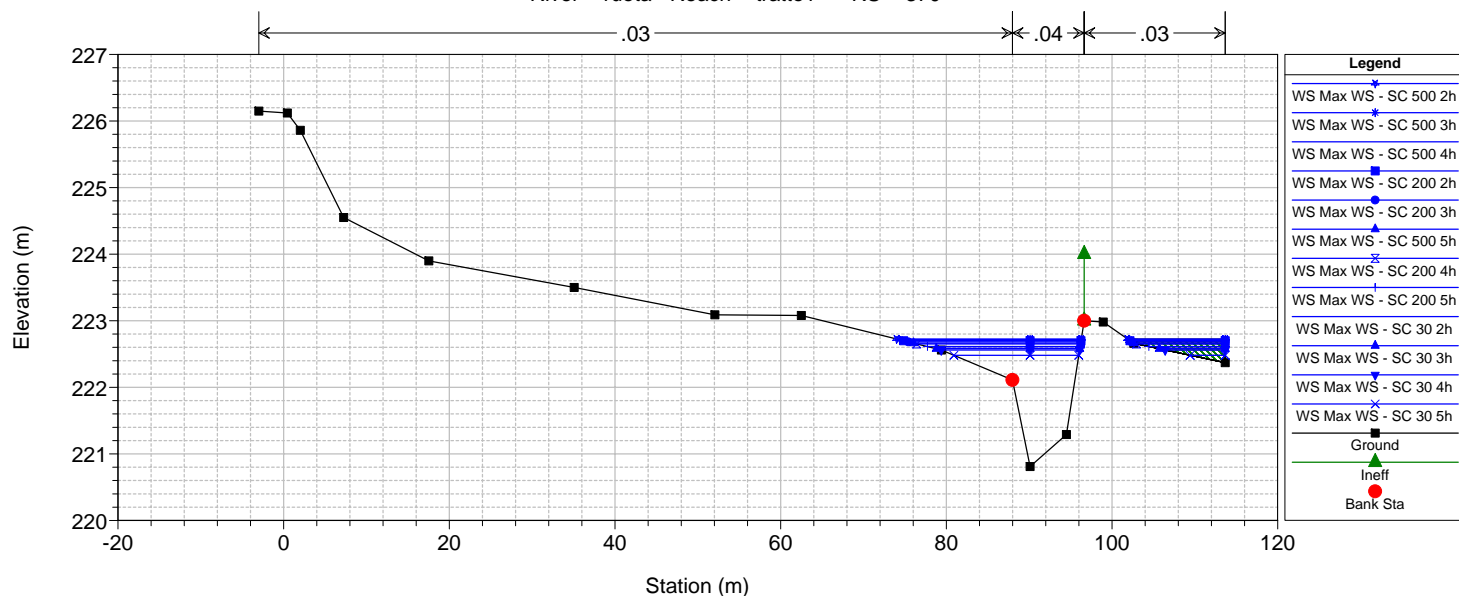
1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2  
River = ruota Reach = tratto1 RS = 380



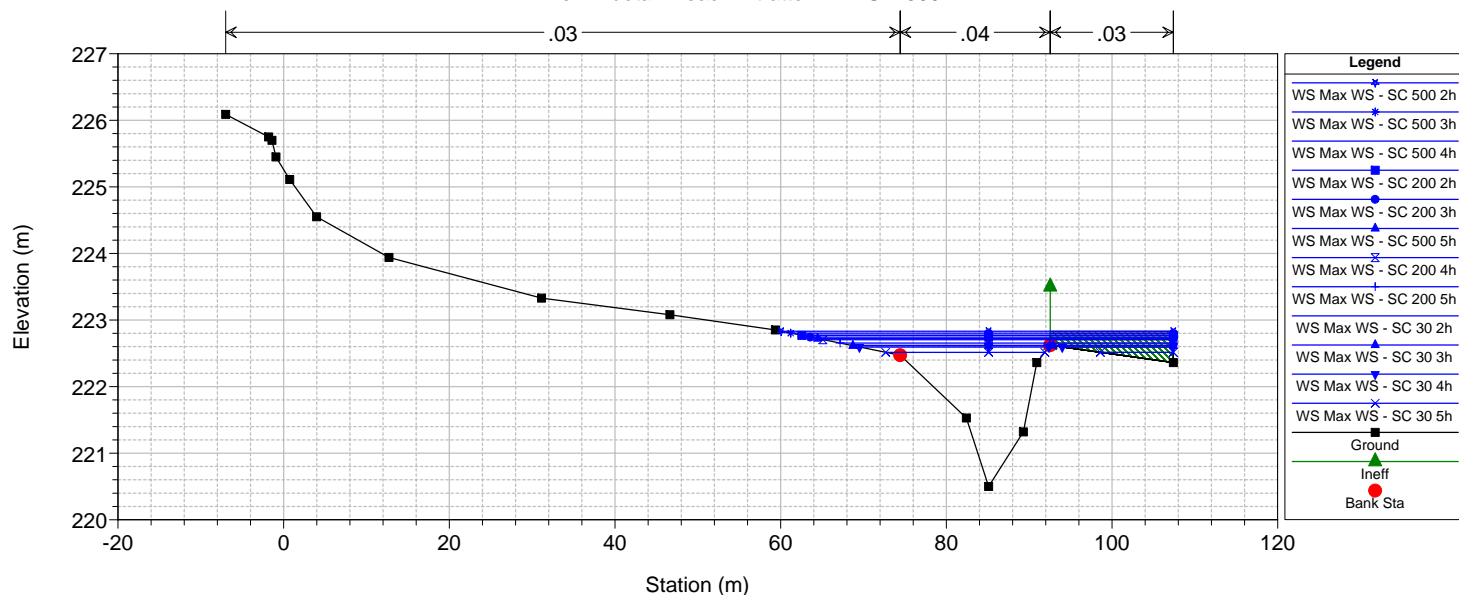
1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2  
River = ruota Reach = tratto1 RS = 370



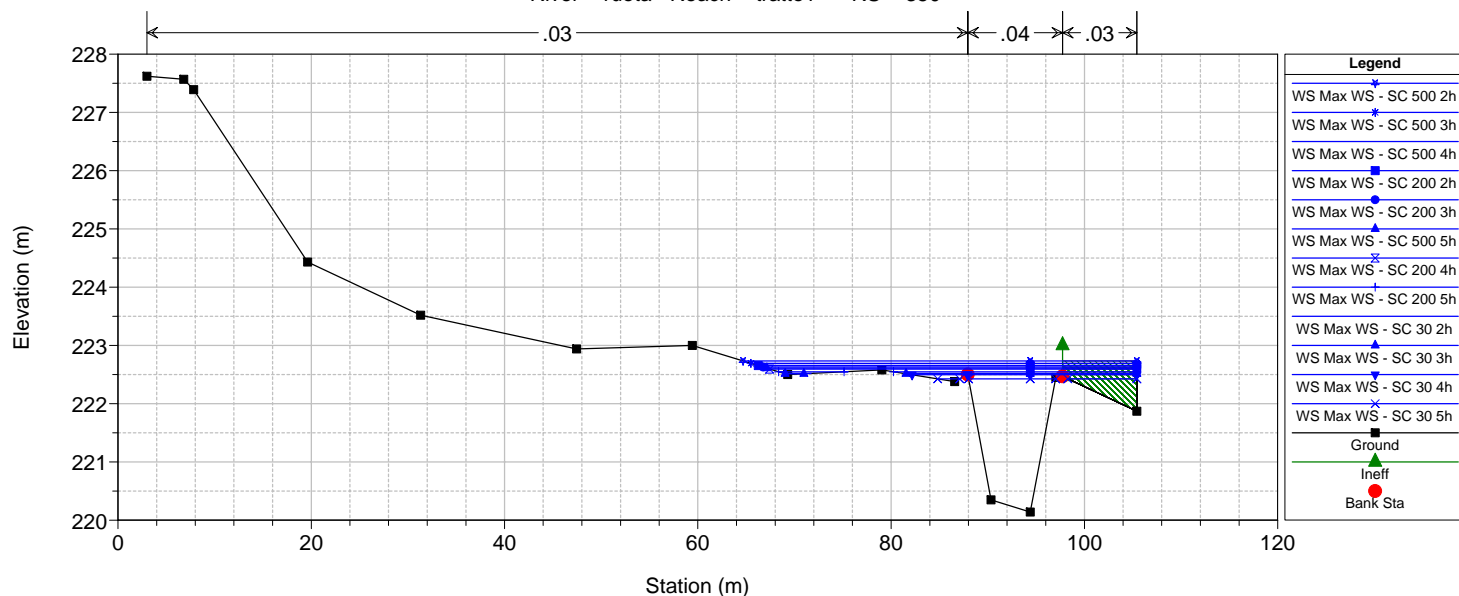
1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2  
River = ruota Reach = tratto1 RS = 360



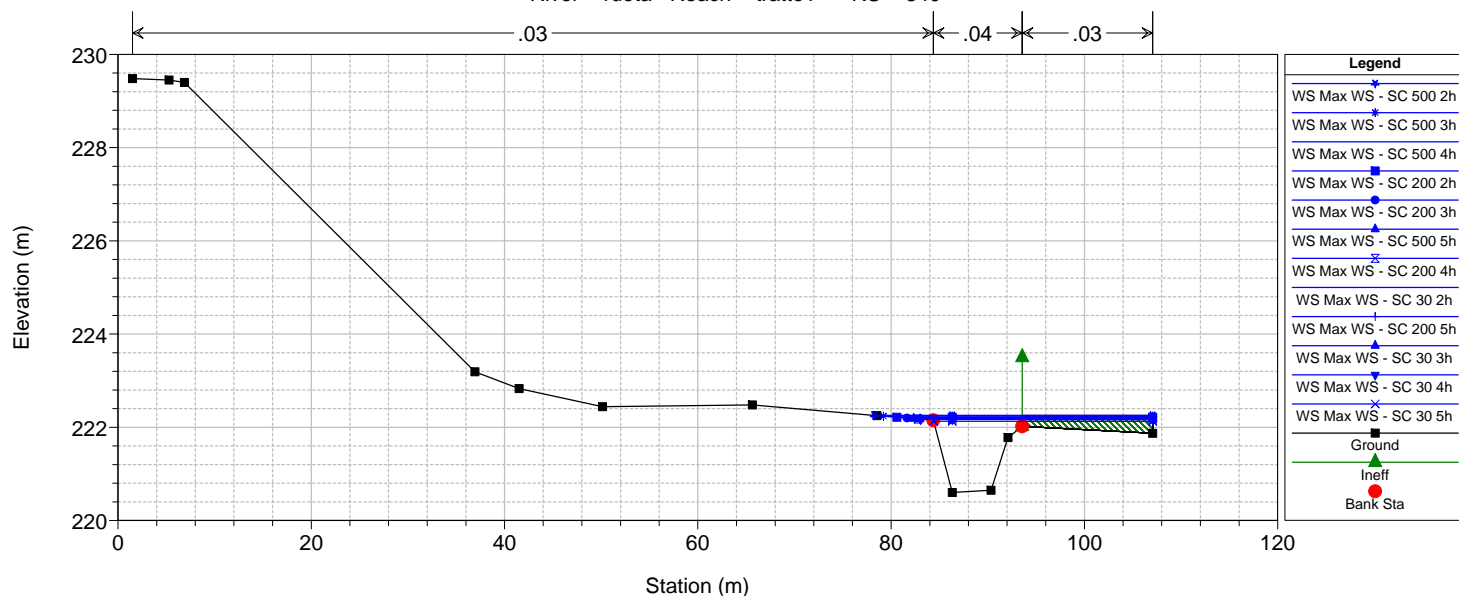
1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2  
River = ruota Reach = tratto1 RS = 350



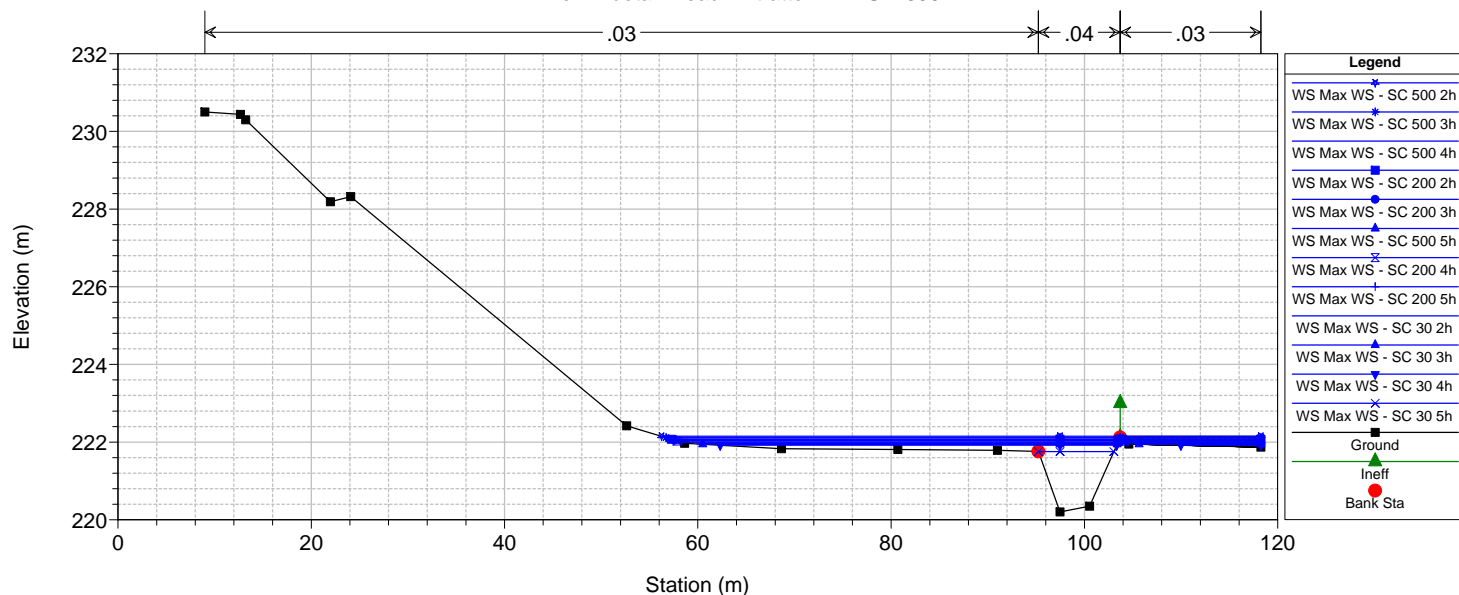
1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2  
River = ruota Reach = tratto1 RS = 340



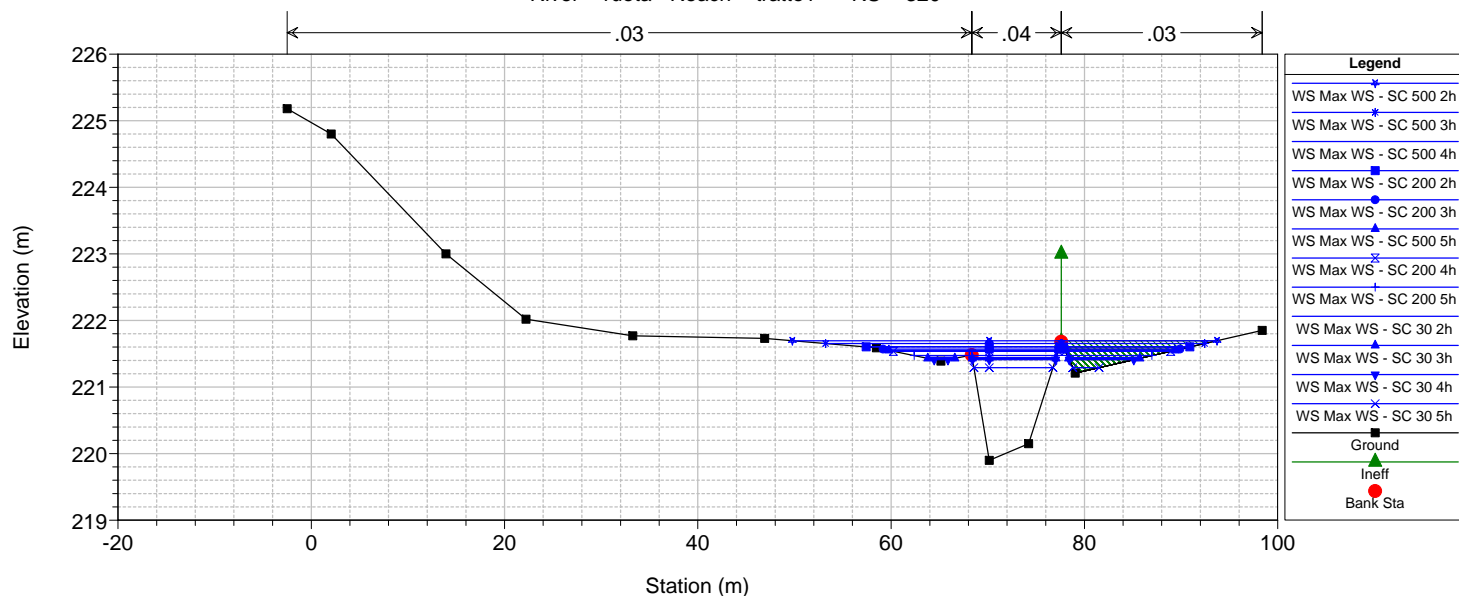
1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2  
River = ruota Reach = tratto1 RS = 330



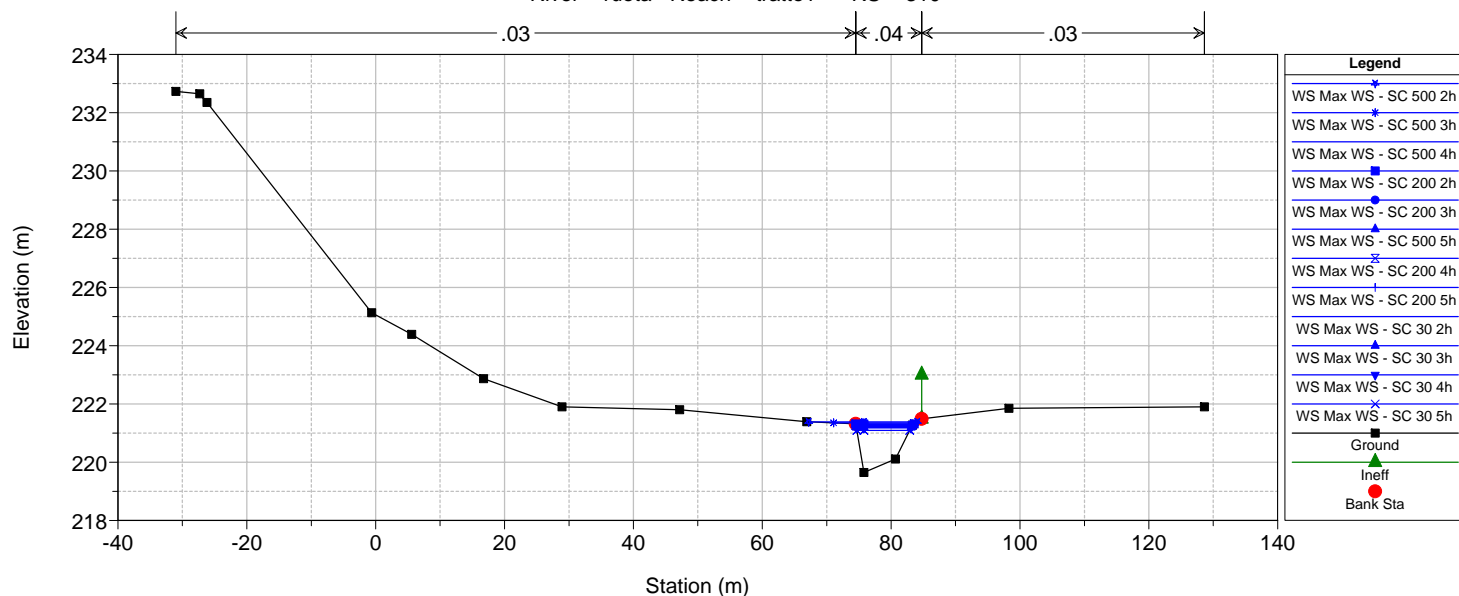
1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2  
River = ruota Reach = tratto1 RS = 320



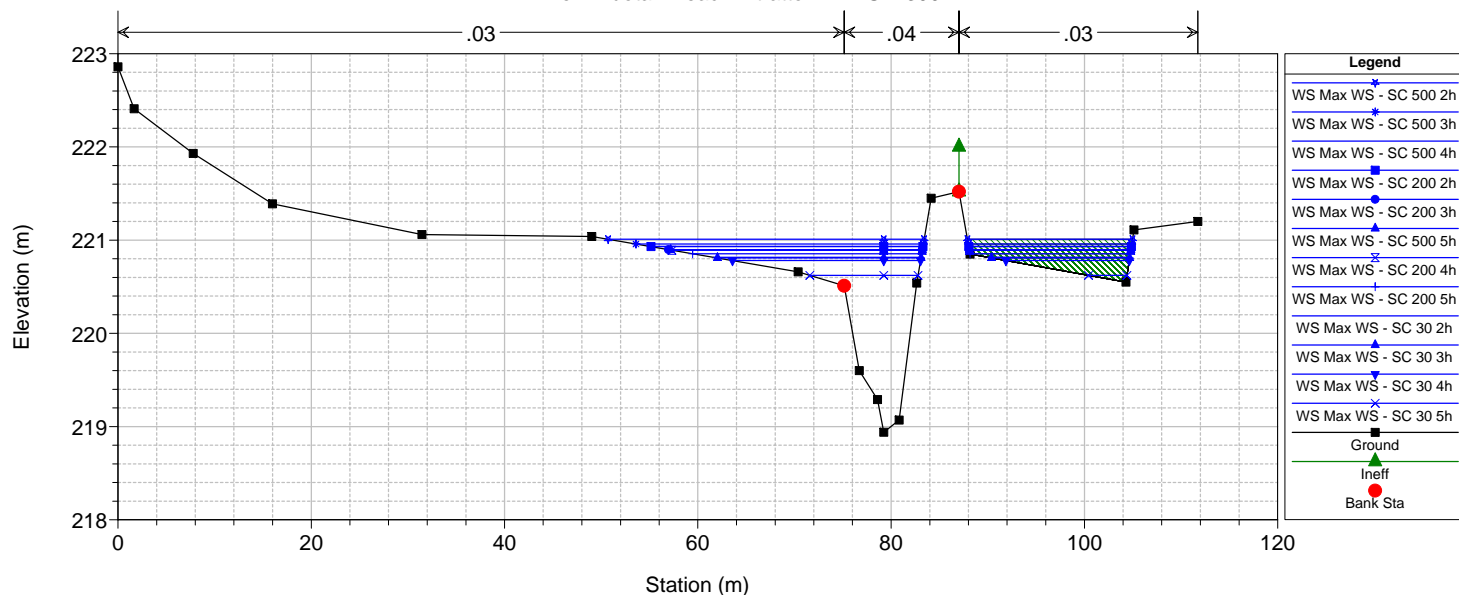
1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2  
River = ruota Reach = tratto1 RS = 310



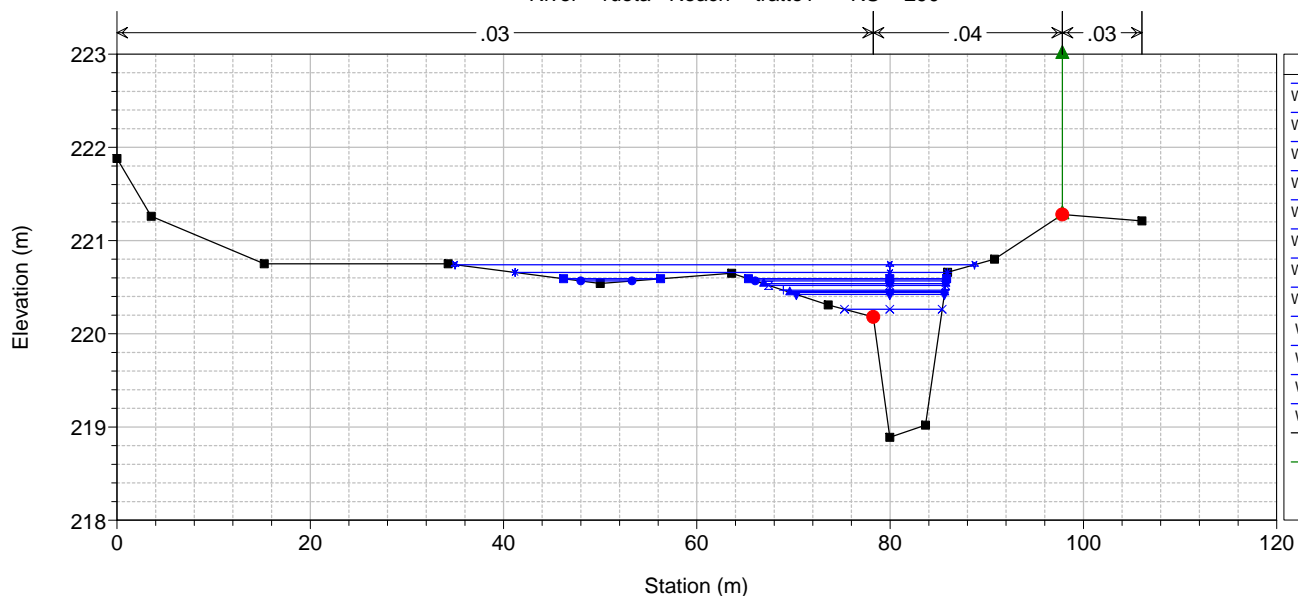
1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2  
River = ruota Reach = tratto1 RS = 300



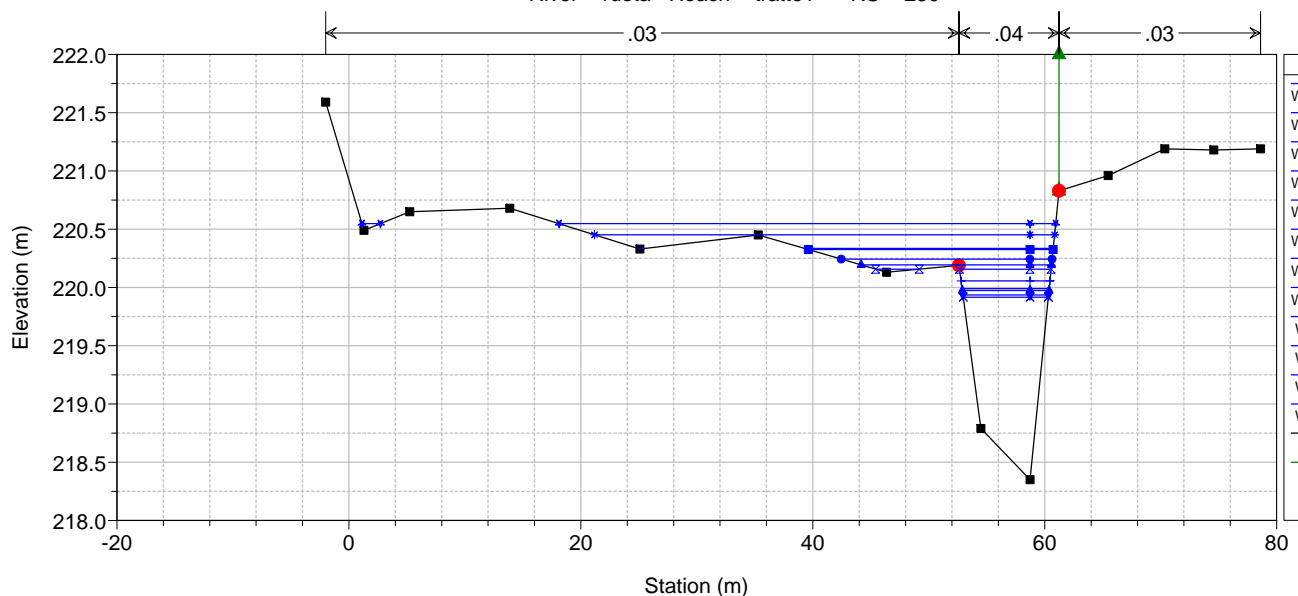
1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2  
River = ruota Reach = tratto1 RS = 290



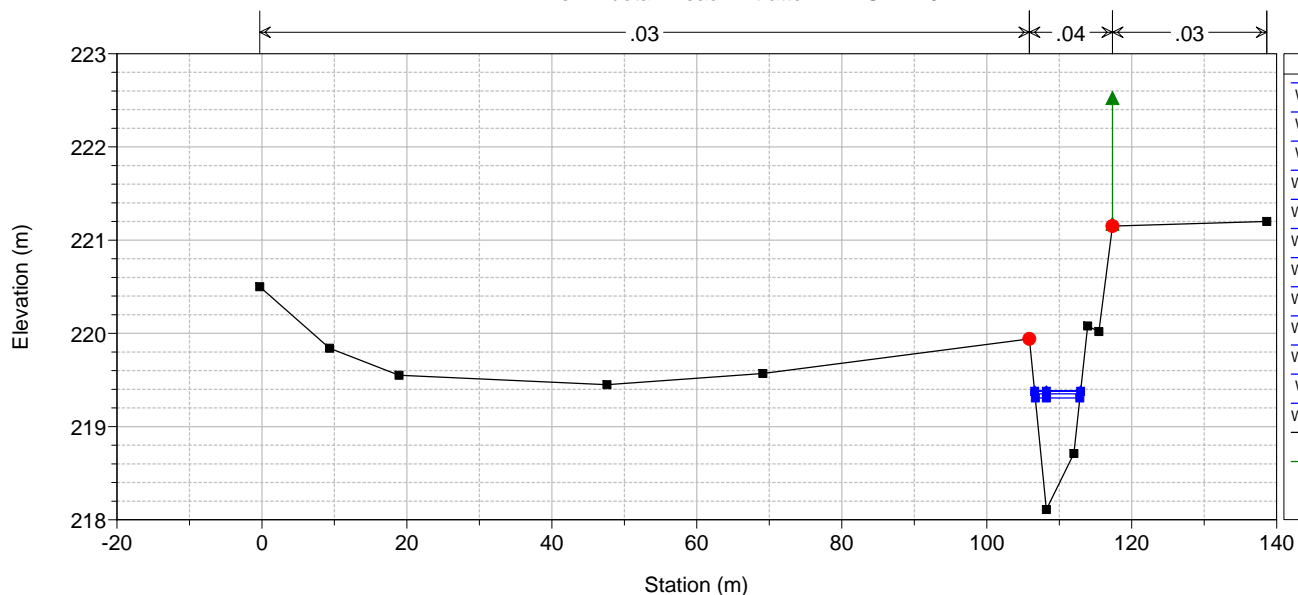
1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2  
River = ruota Reach = tratto1 RS = 280

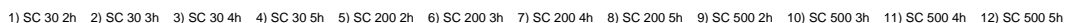


1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2  
River = ruota Reach = tratto1 RS = 270



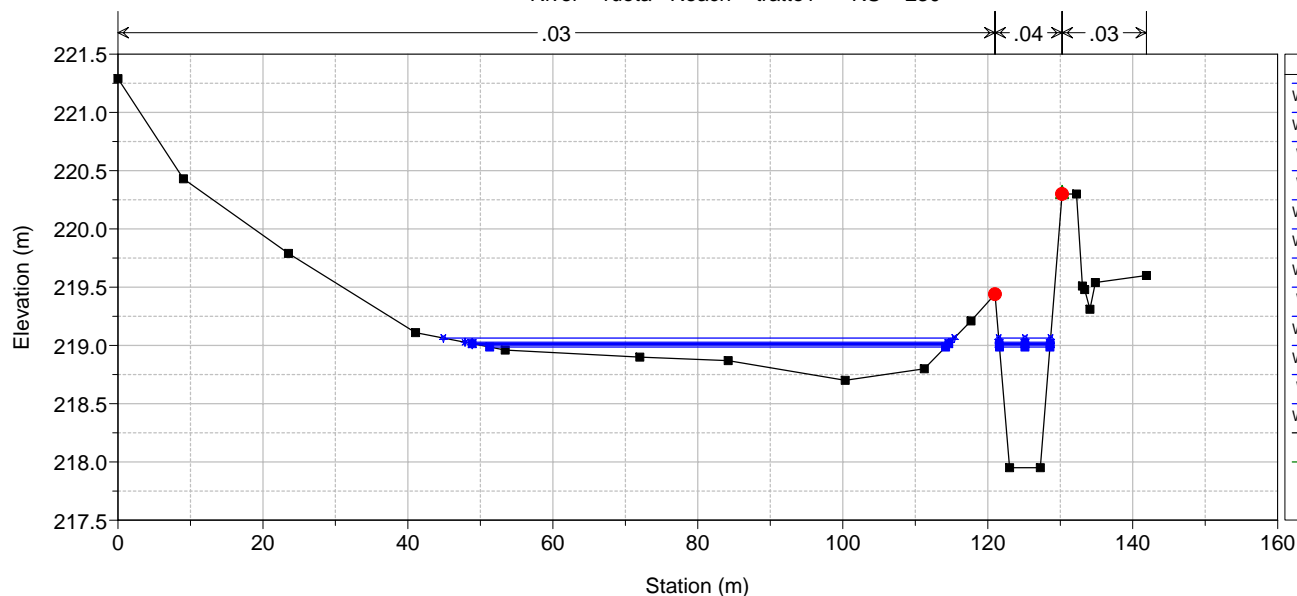
Geom: geometria badesse SA2015 2  
River = ruota Reach = tratto1 RS = 260



1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

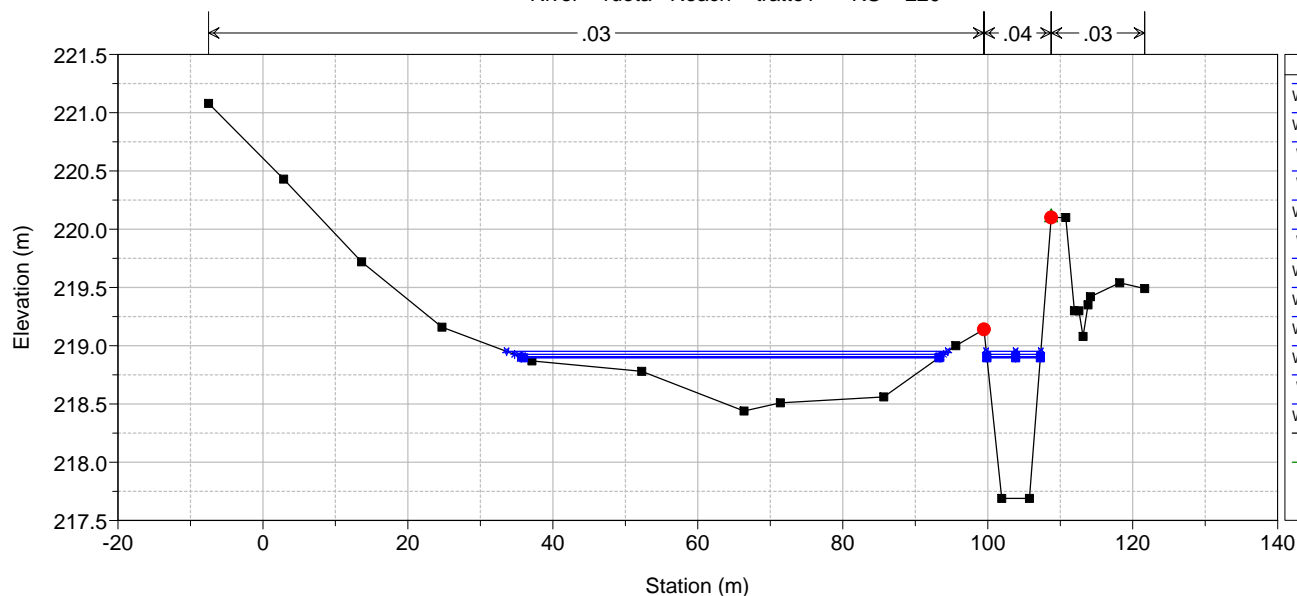
1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2  
River = ruota Reach = tratto1 RS = 230



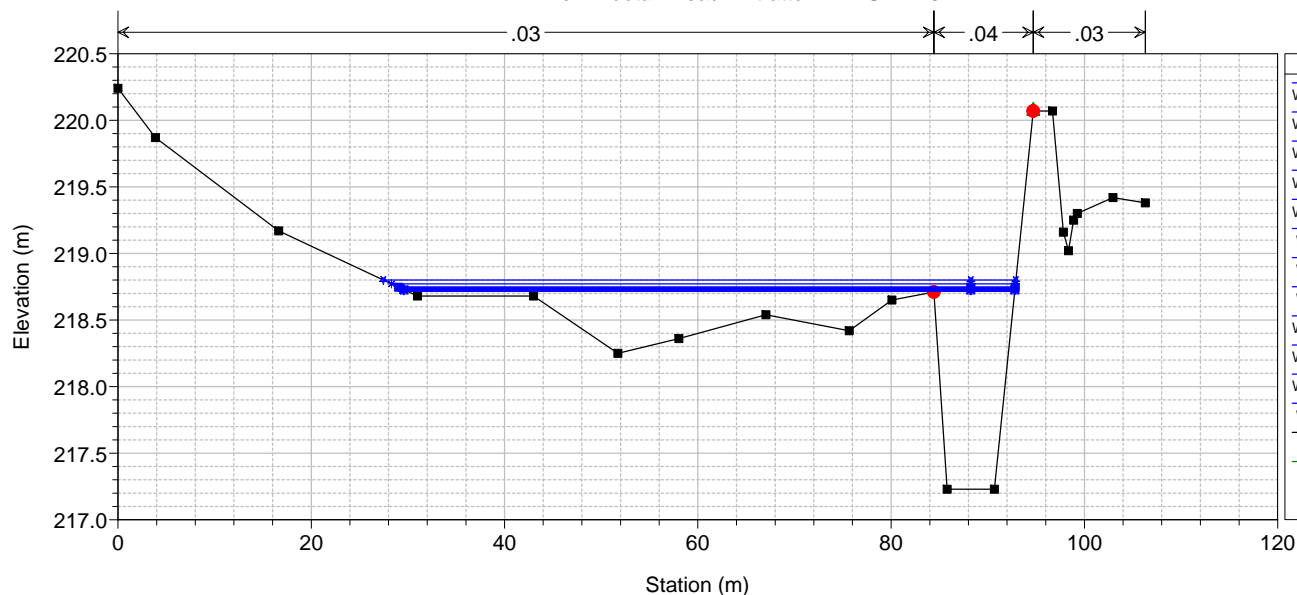
1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2  
River = ruota Reach = tratto1 RS = 220



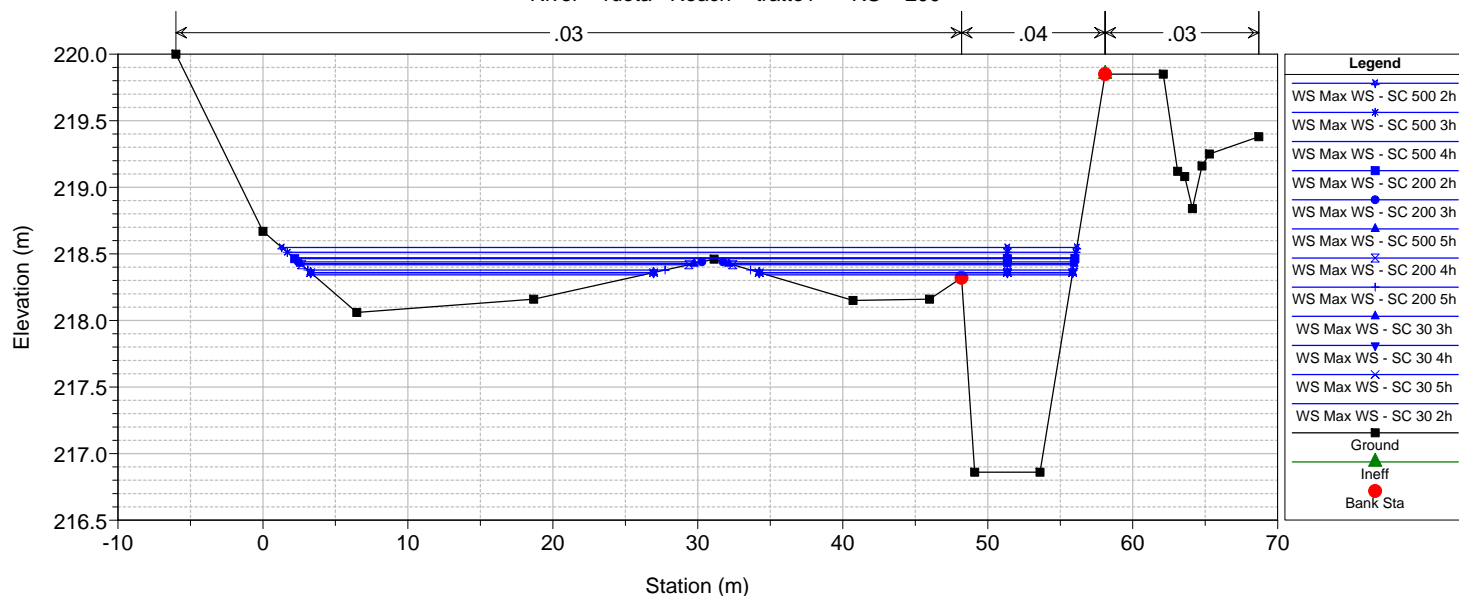
1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2  
River = ruota Reach = tratto1 RS = 210



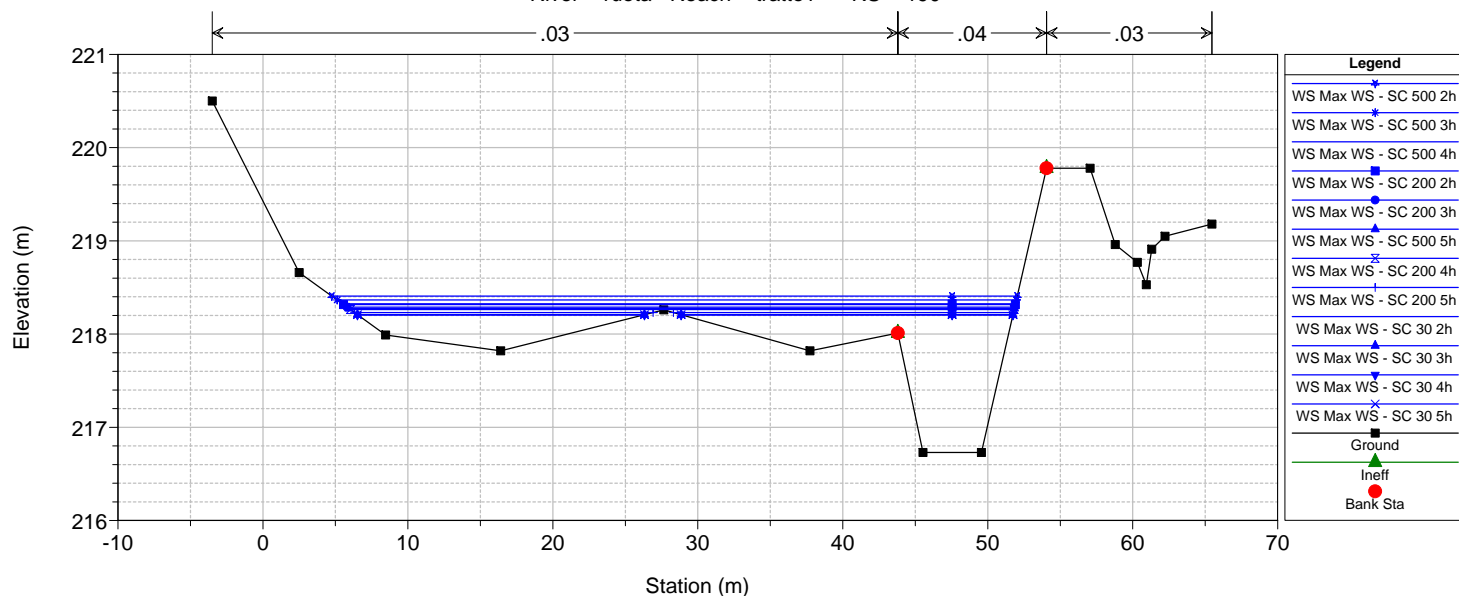
1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2  
River = ruota Reach = tratto1 RS = 200



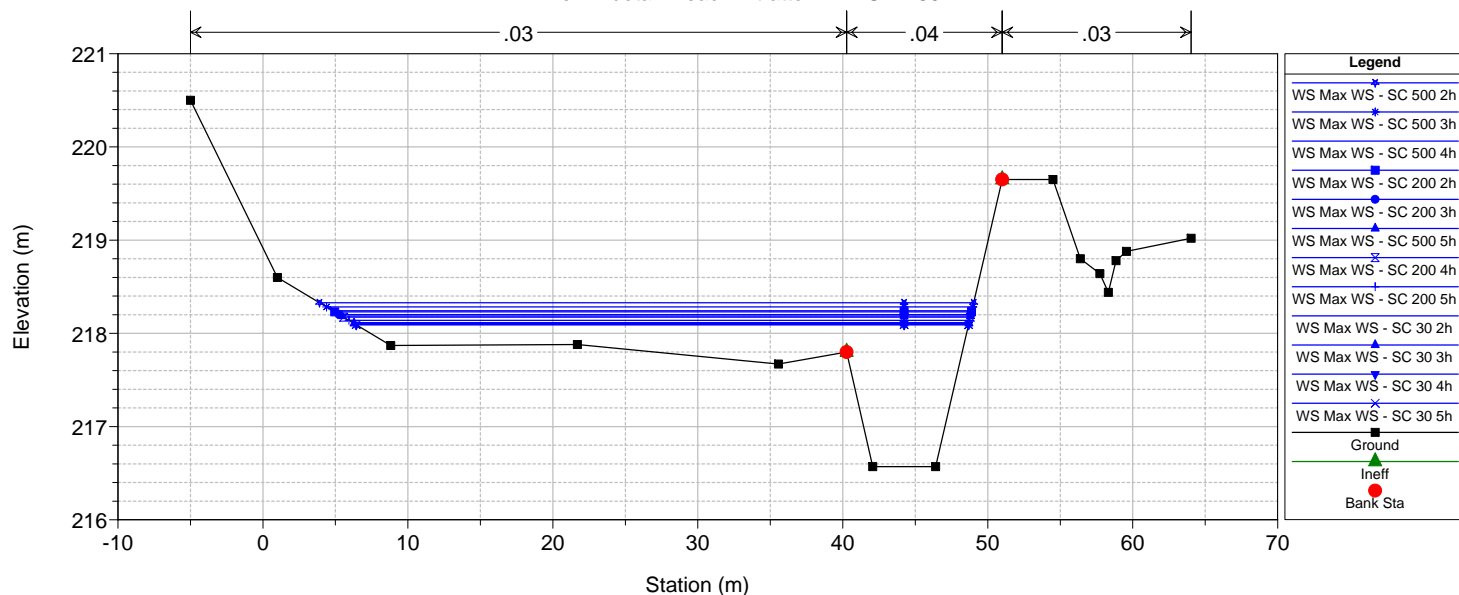
1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2  
River = ruota Reach = tratto1 RS = 190



1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

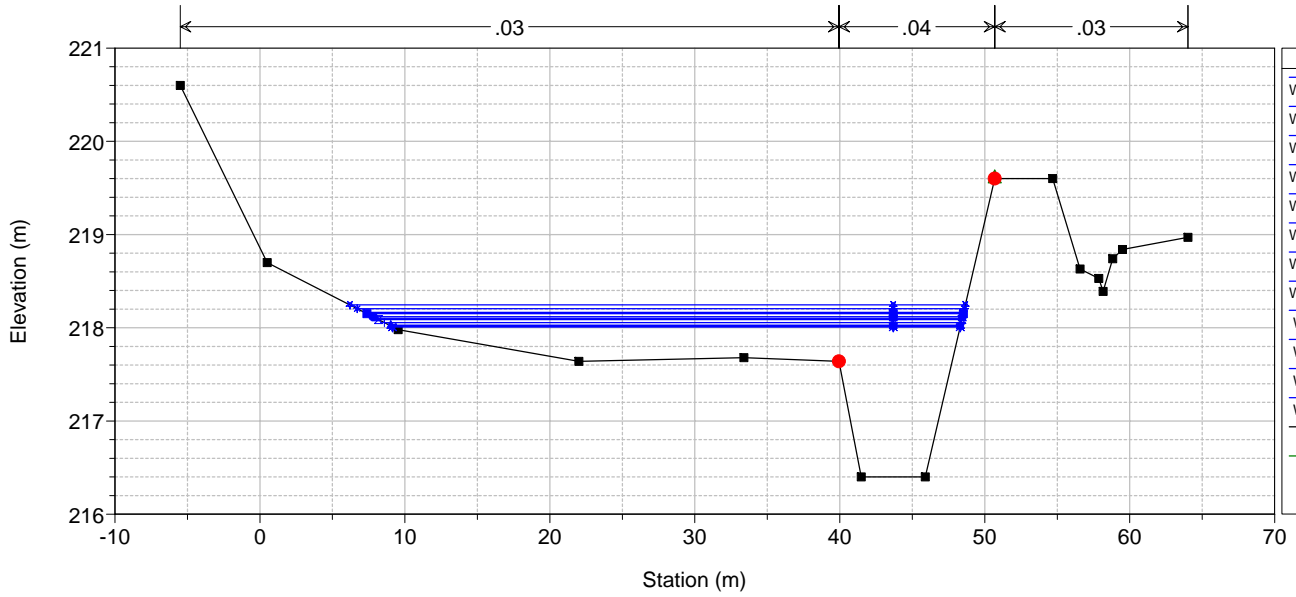
Geom: geometria badesse SA2015 2  
River = ruota Reach = tratto1 RS = 180





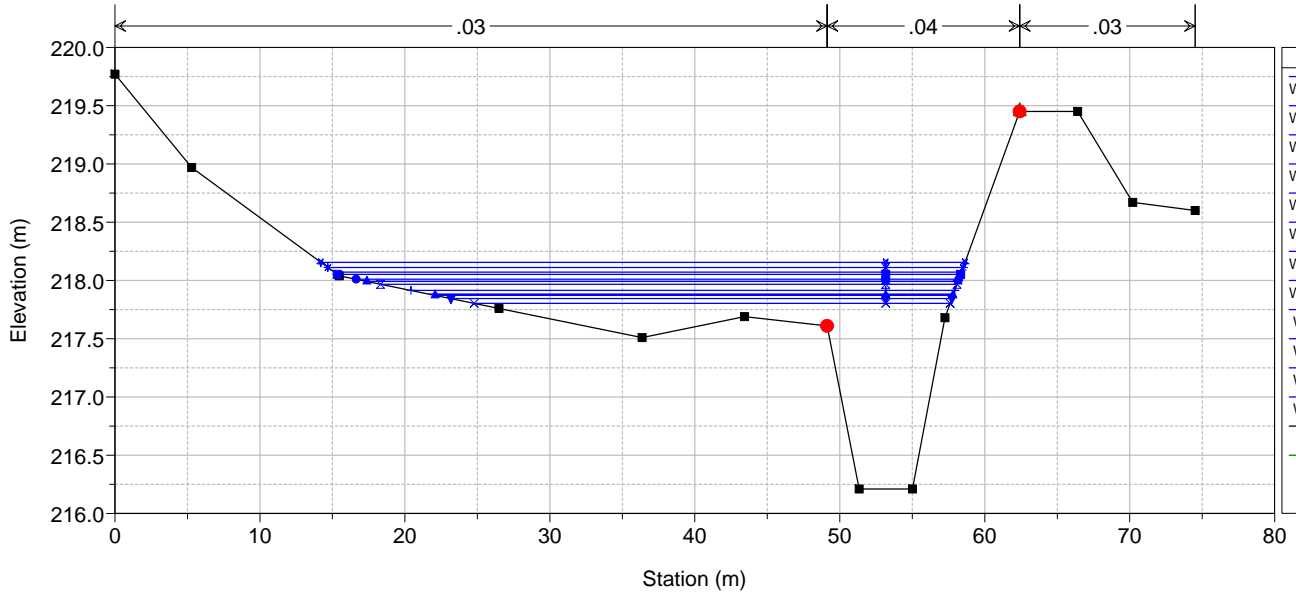
1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2  
River = ruota Reach = tratto1 RS = 170



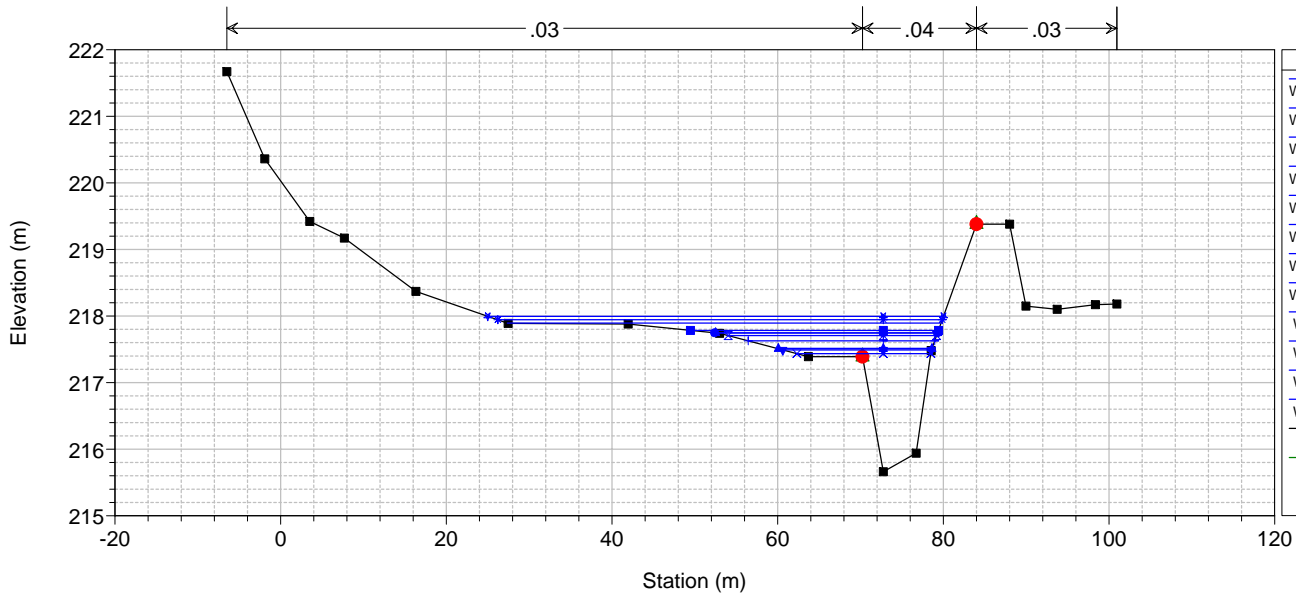
1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2  
River = ruota Reach = tratto1 RS = 160



1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

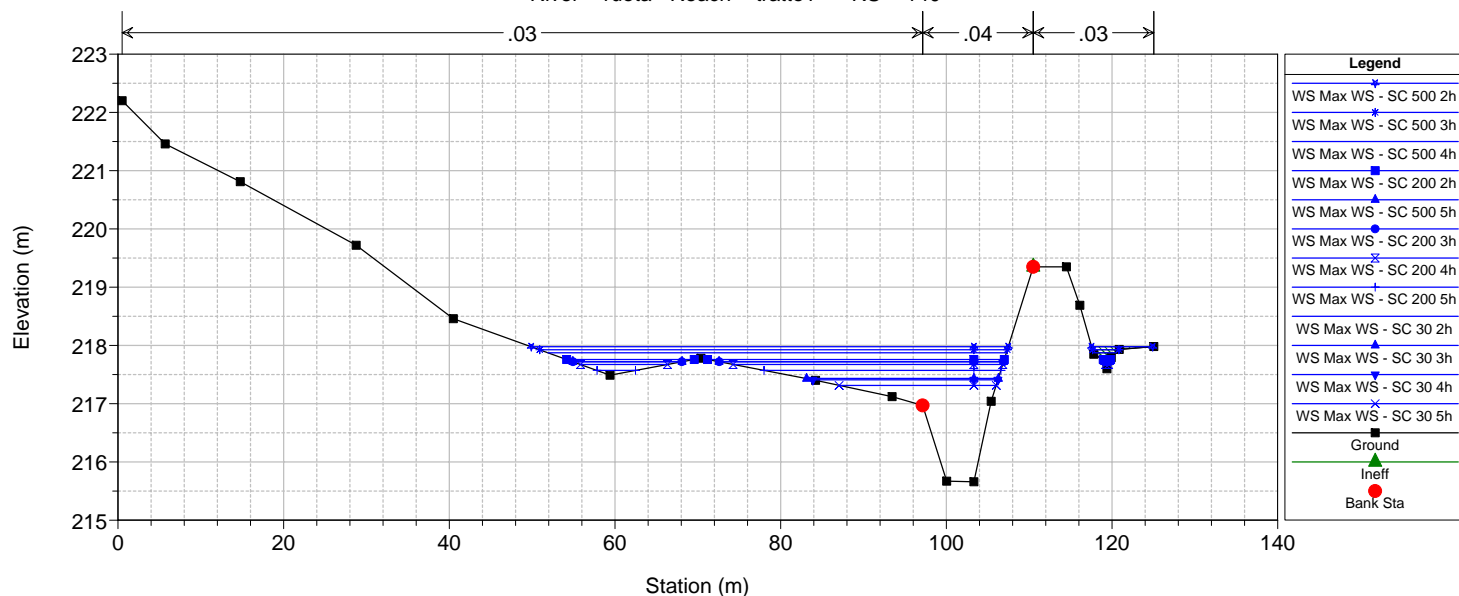
Geom: geometria badesse SA2015 2  
River = ruota Reach = tratto1 RS = 150





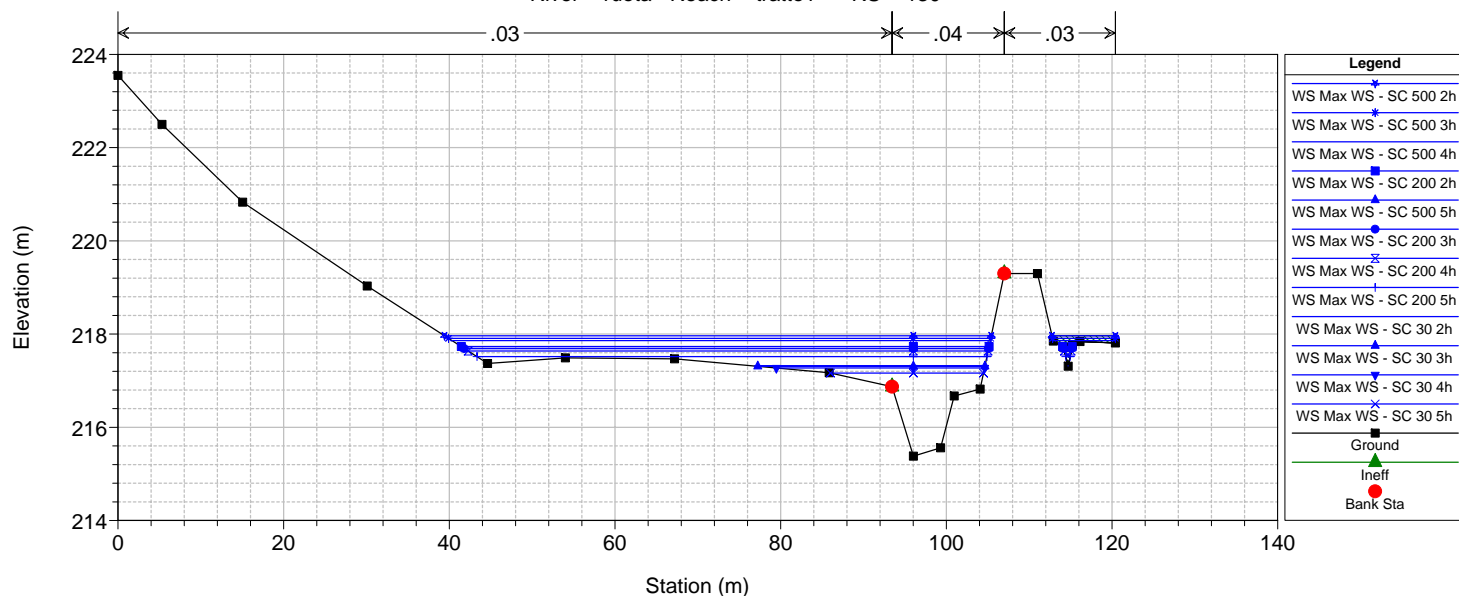
1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2  
River = ruota Reach = tratto1 RS = 140



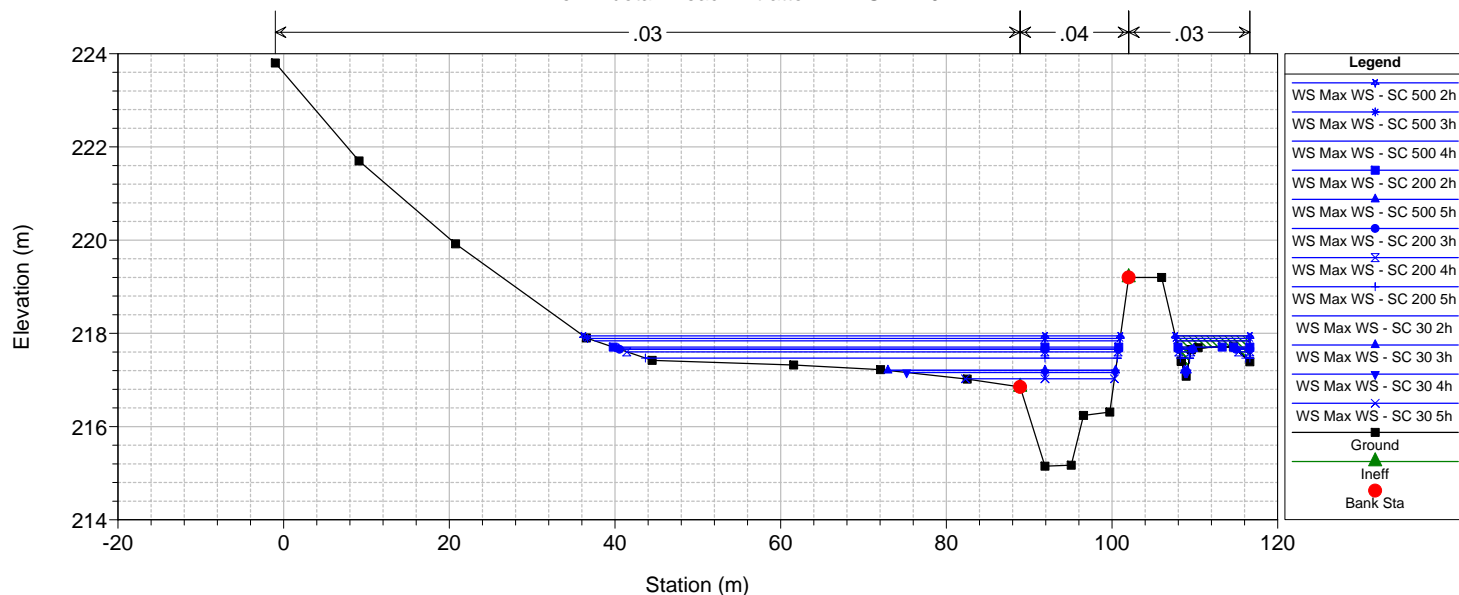
1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2  
River = ruota Reach = tratto1 RS = 130



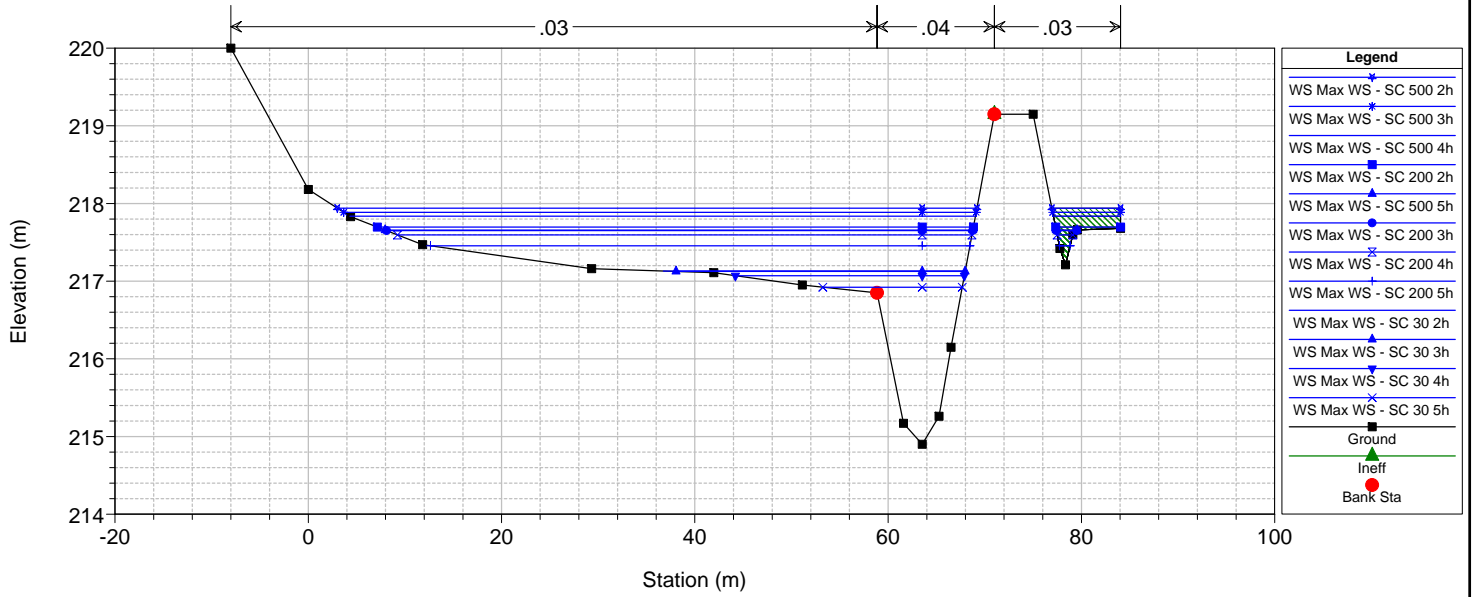
1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2  
River = ruota Reach = tratto1 RS = 120



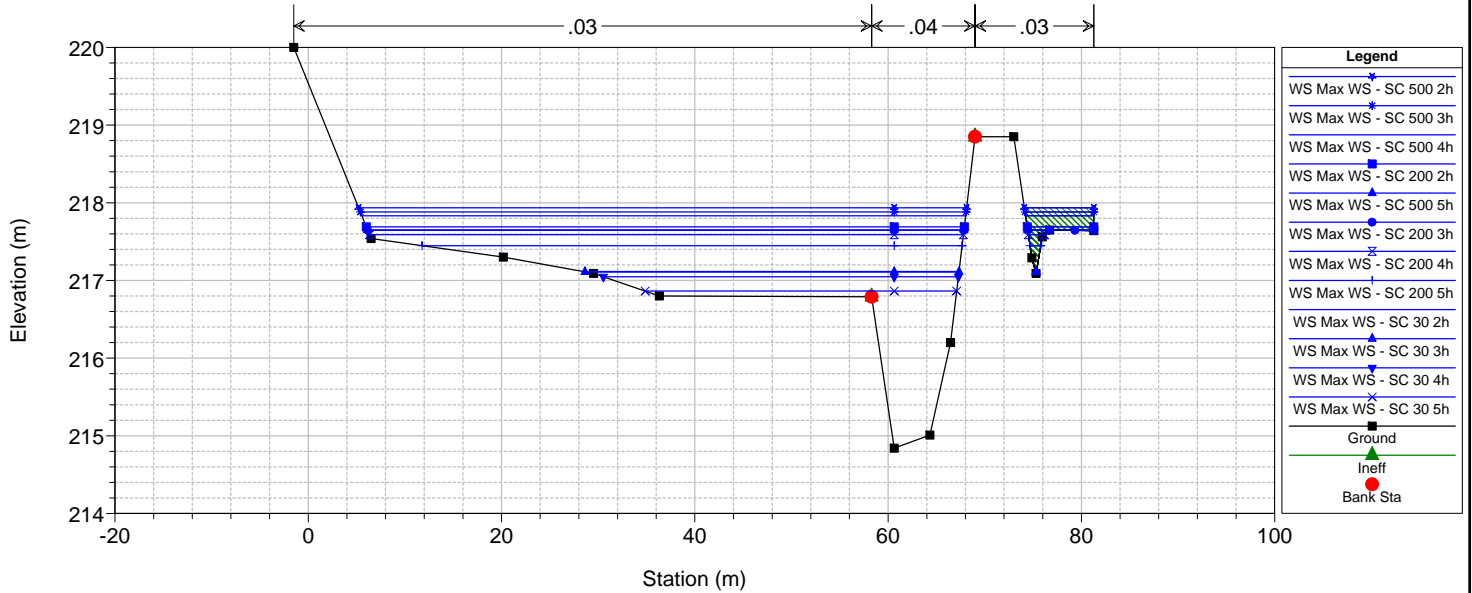
1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2  
River = ruota Reach = tratto1 RS = 110



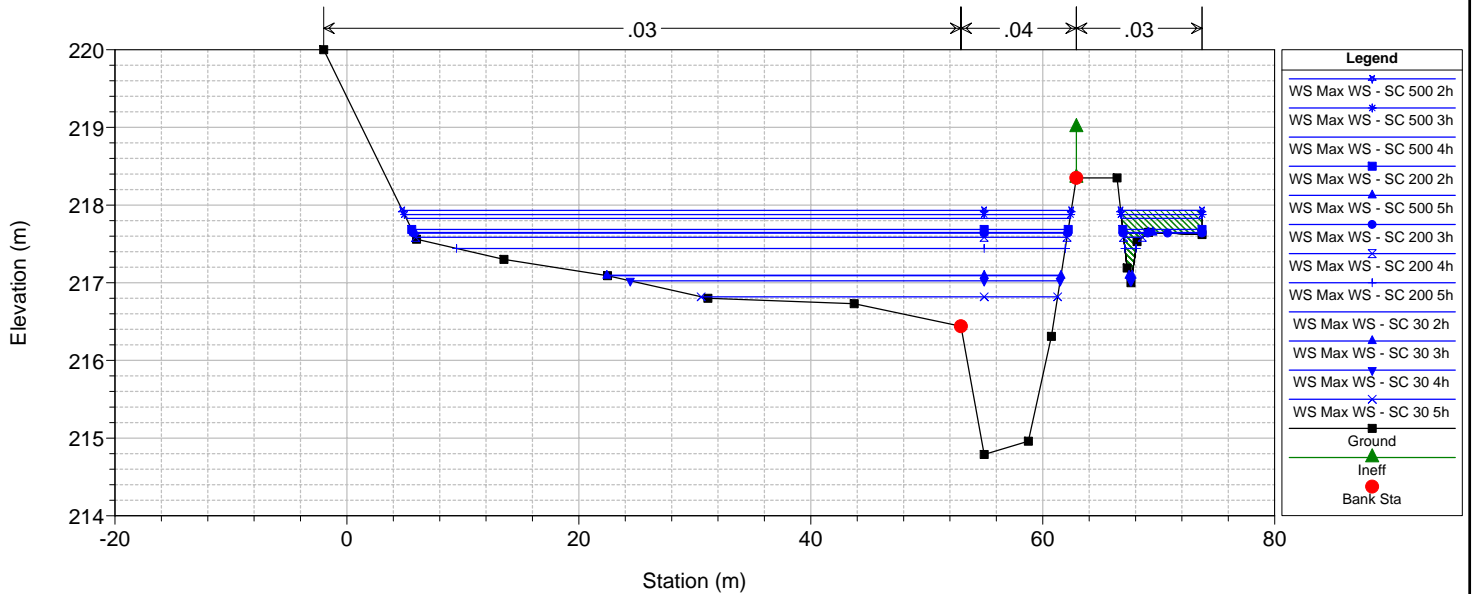
1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2  
River = ruota Reach = tratto1 RS = 100



1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

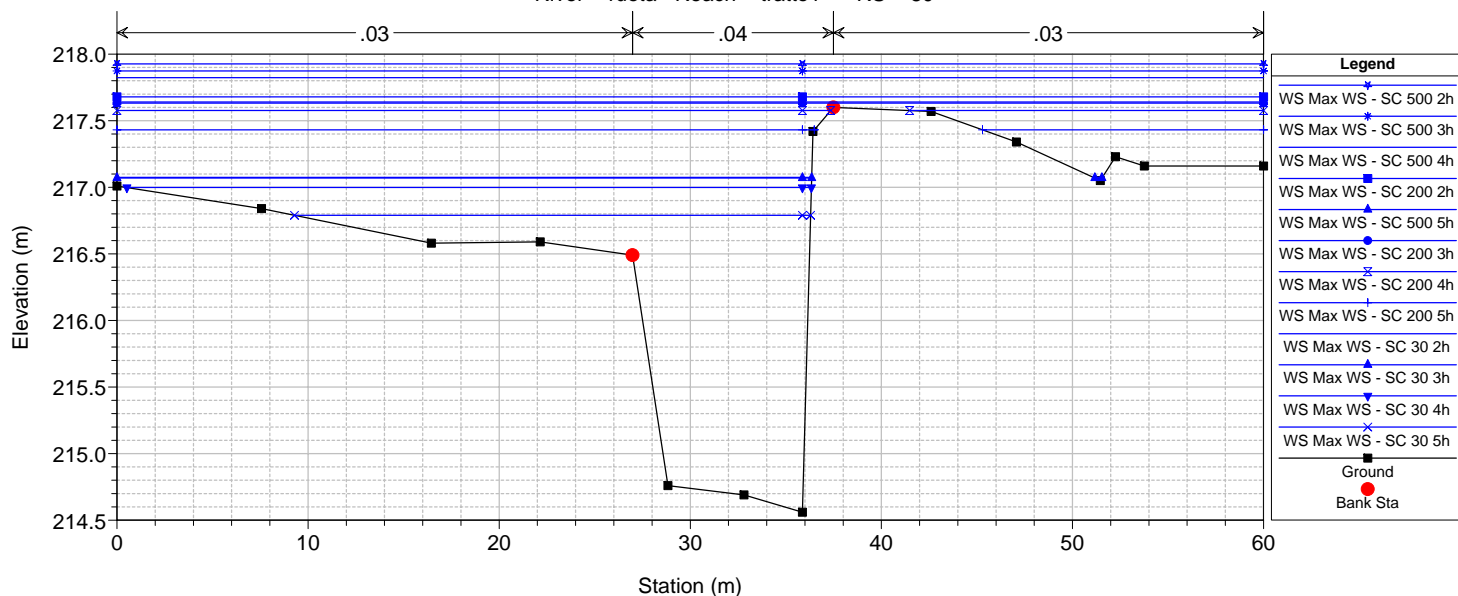
Geom: geometria badesse SA2015 2  
River = ruota Reach = tratto1 RS = 90



1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2

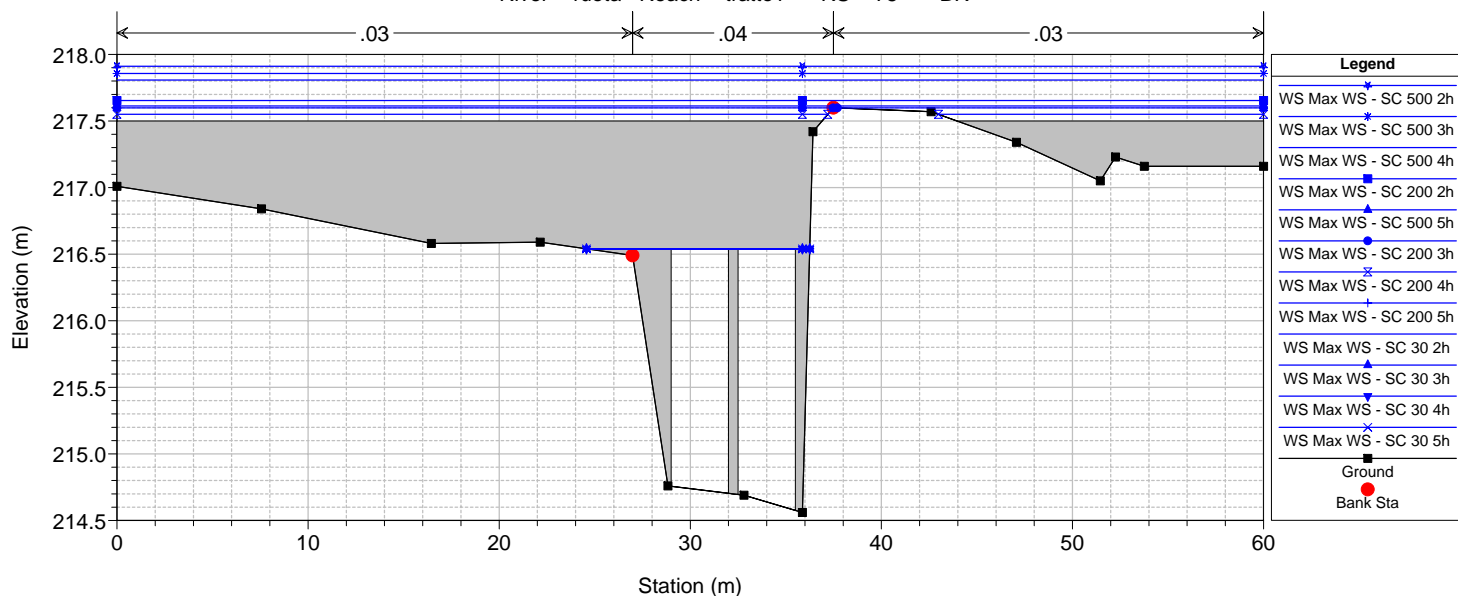
River = ruota Reach = tratto1 RS = 80



1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2

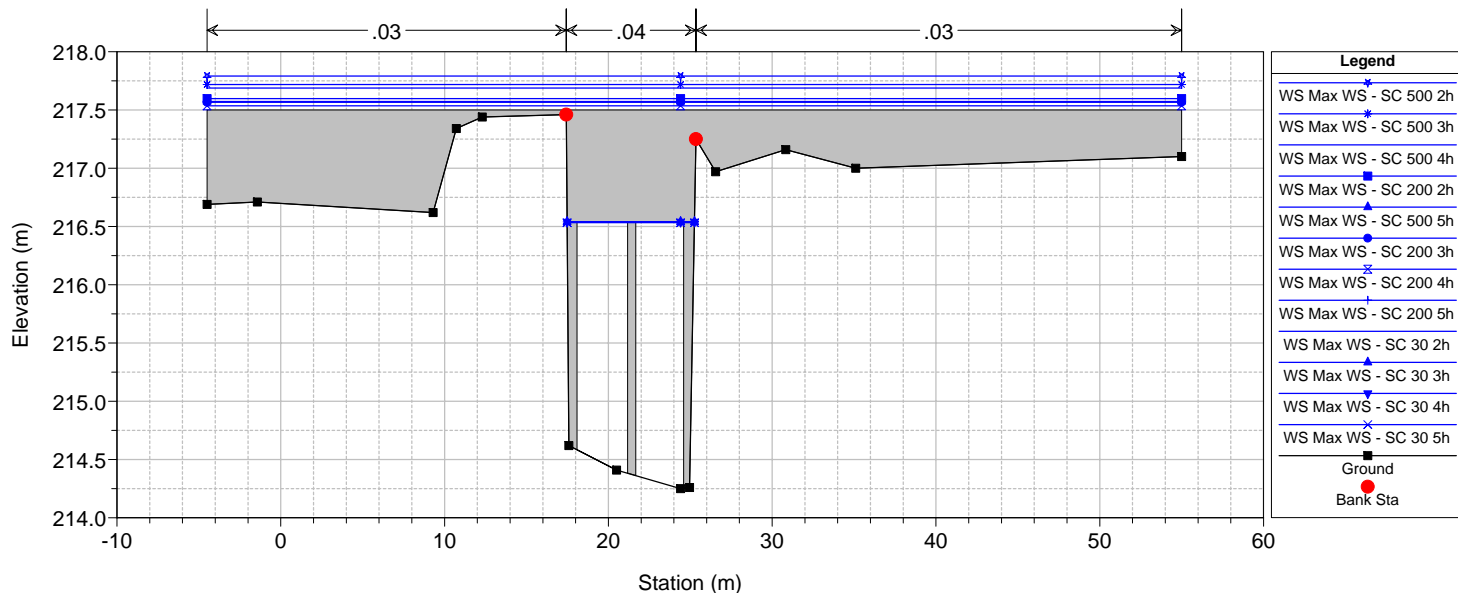
River = ruota Reach = tratto1 RS = 75 BR



1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2

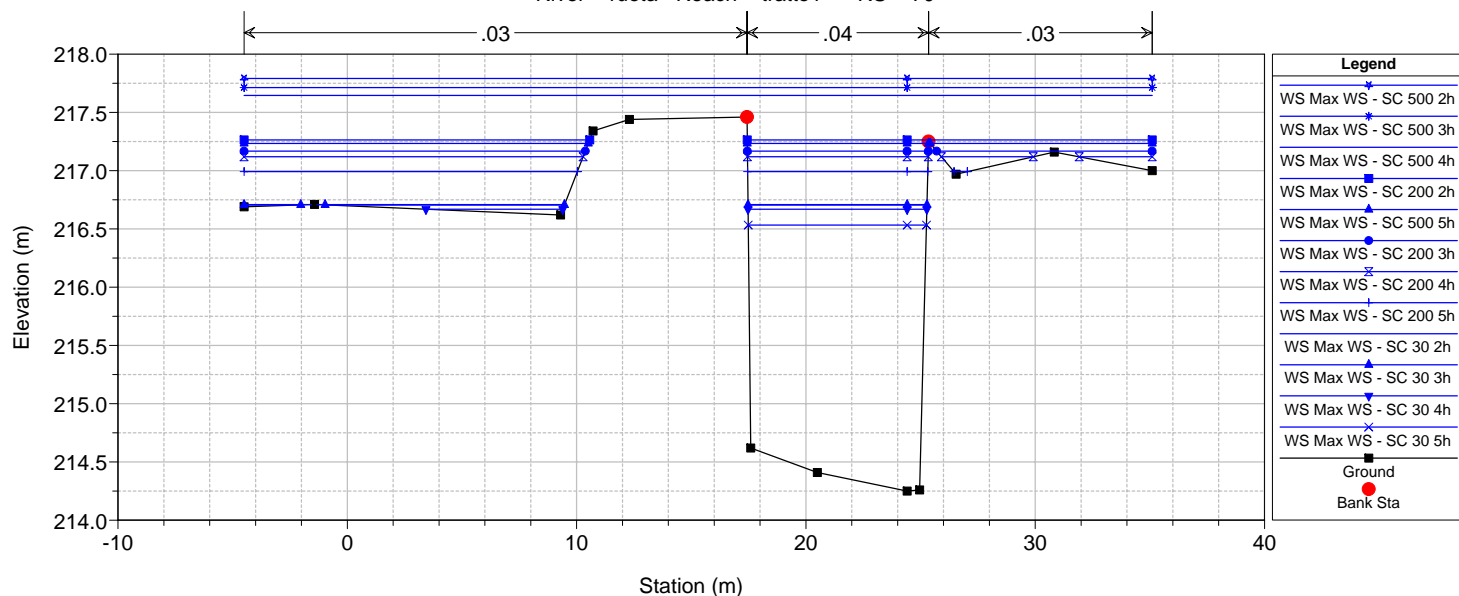
River = ruota Reach = tratto1 RS = 75 BR



1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2

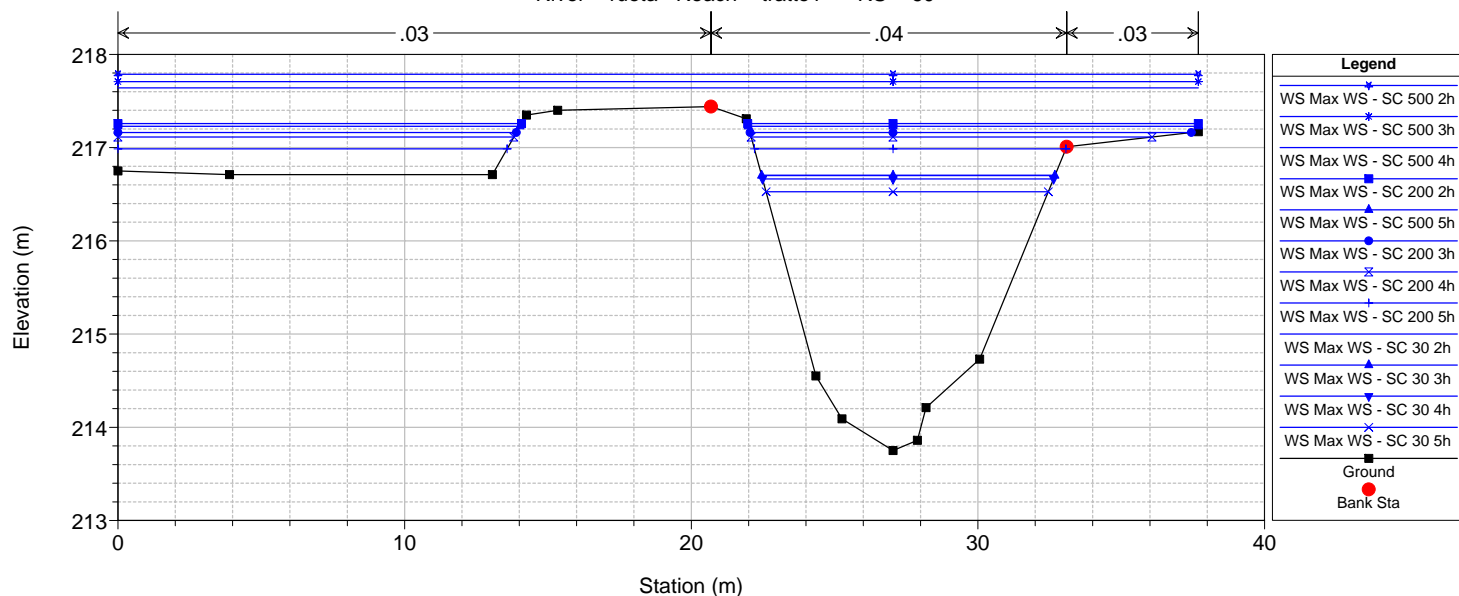
River = ruota Reach = tratto1 RS = 70



1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2

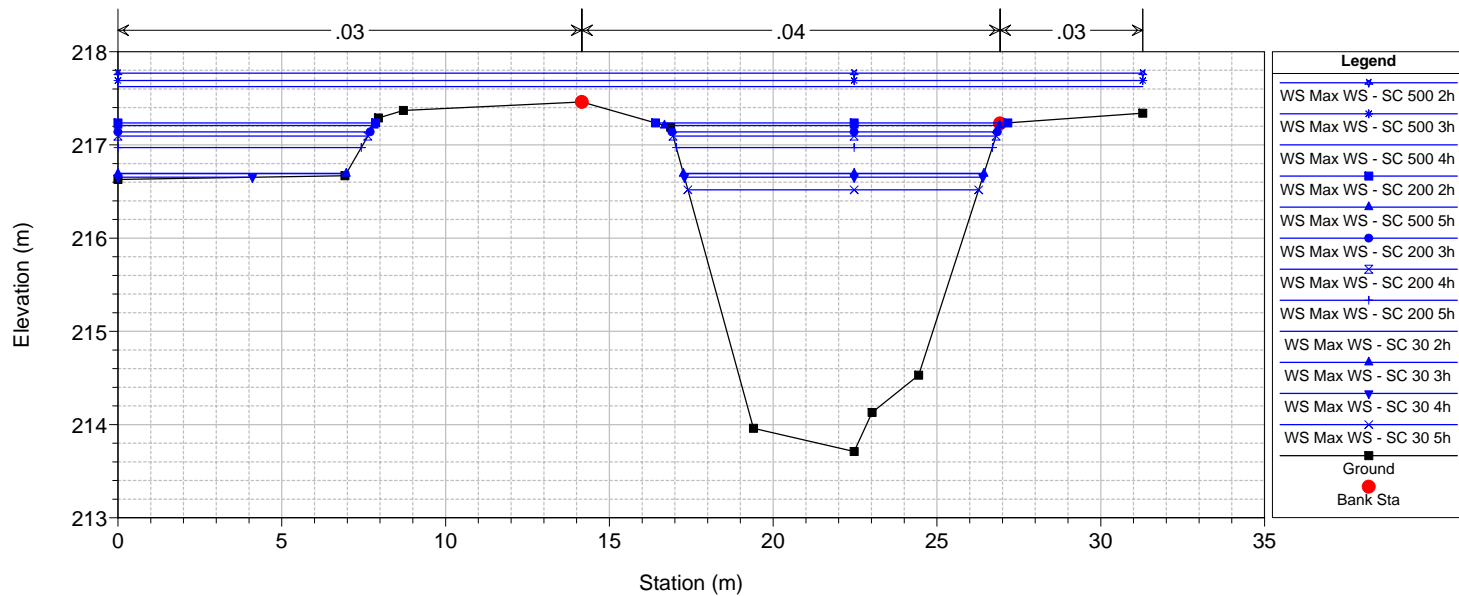
River = ruota Reach = tratto1 RS = 60



1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

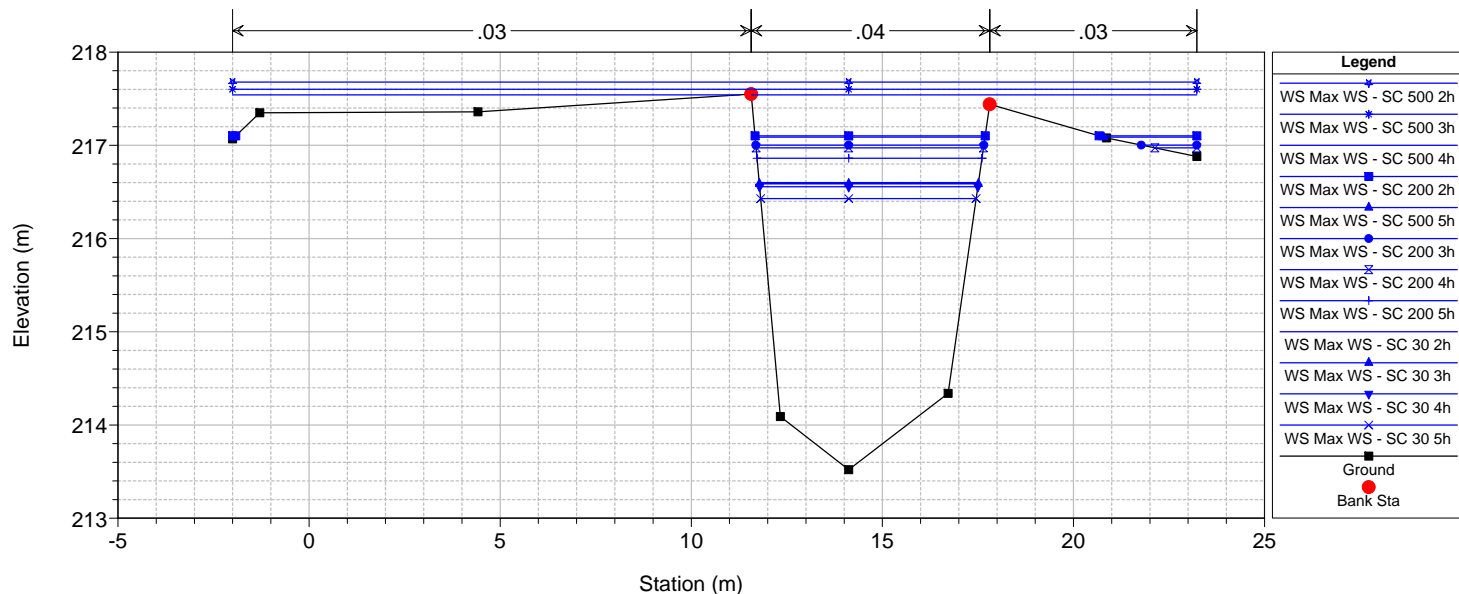
Geom: geometria badesse SA2015 2

River = ruota Reach = tratto1 RS = 50



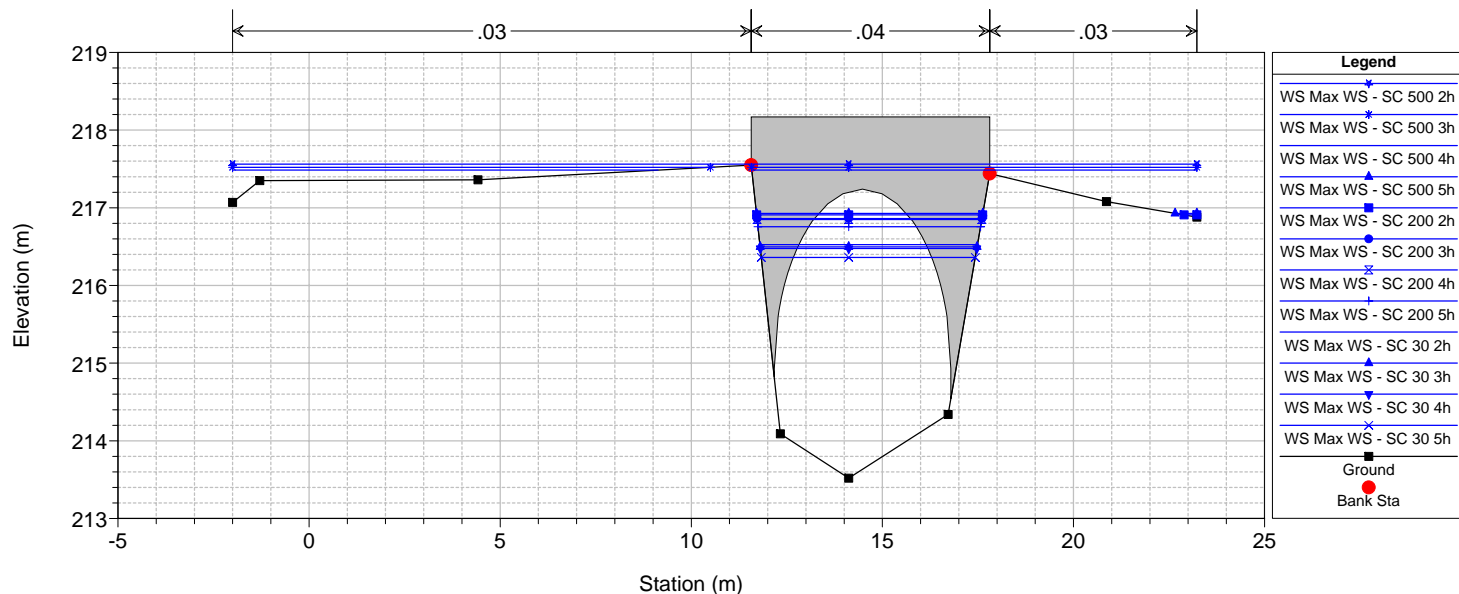
1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2  
River = ruota Reach = tratto1 RS = 40



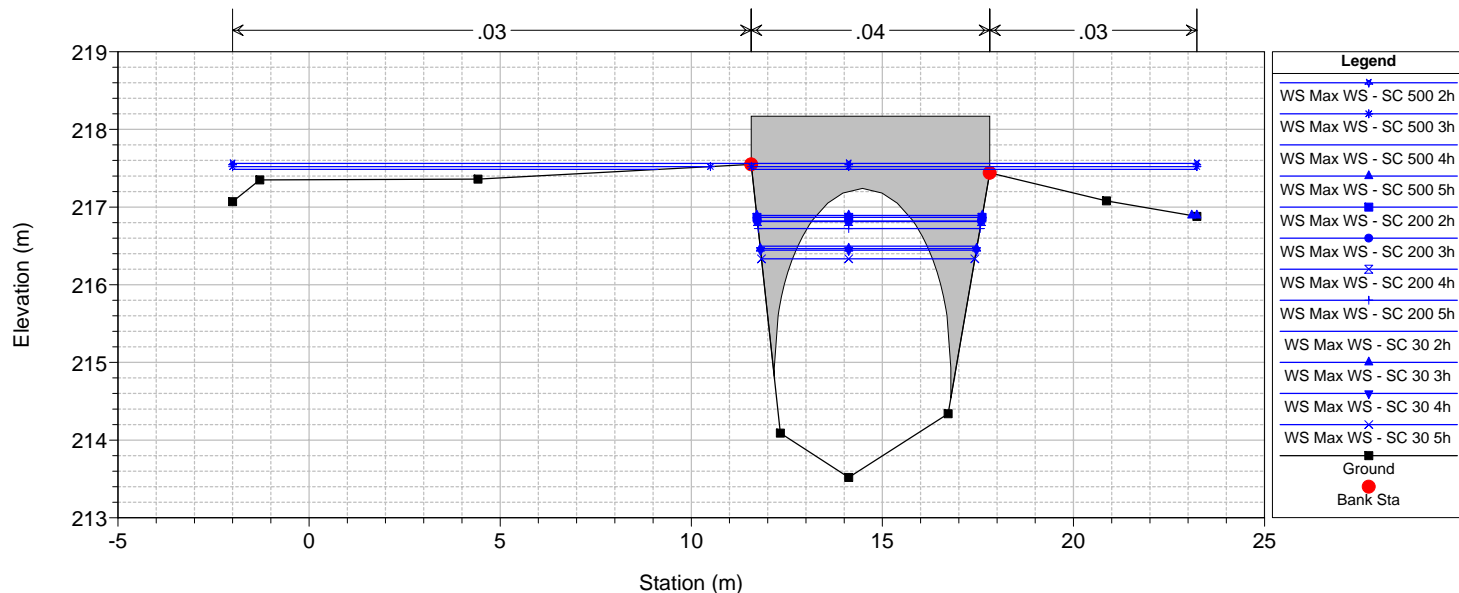
1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2  
River = ruota Reach = tratto1 RS = 35 BR



1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

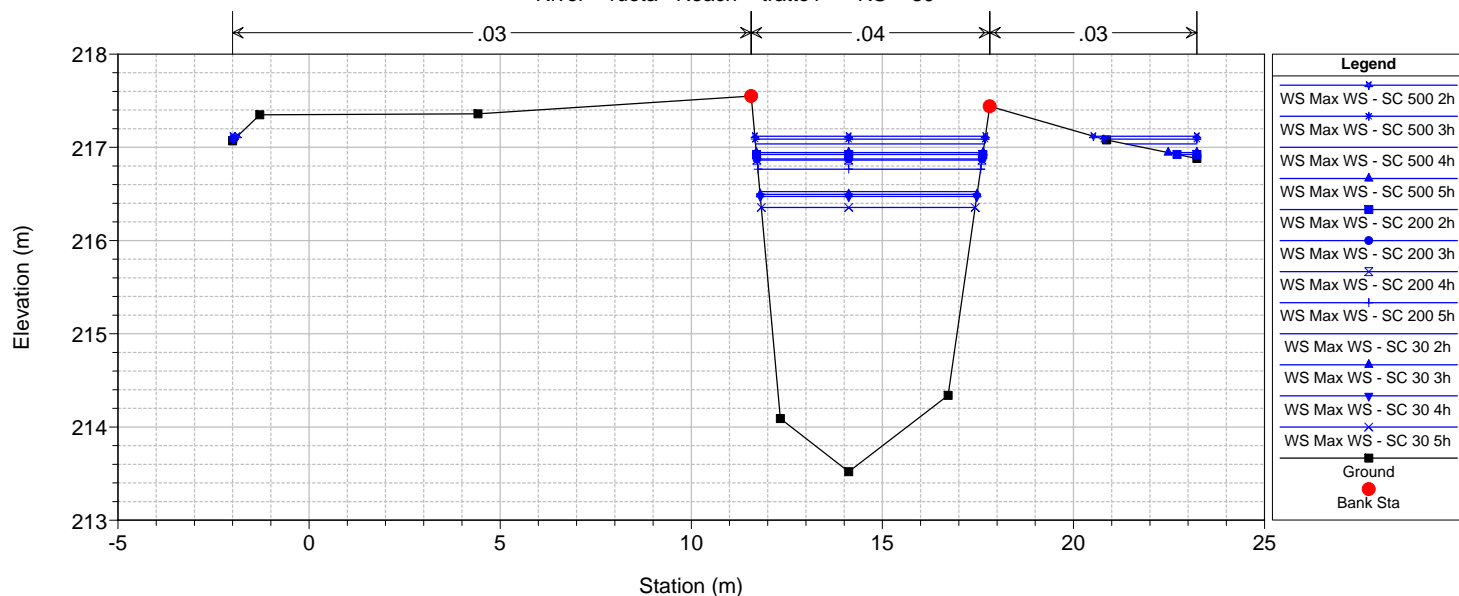
Geom: geometria badesse SA2015 2  
River = ruota Reach = tratto1 RS = 35 BR



1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2

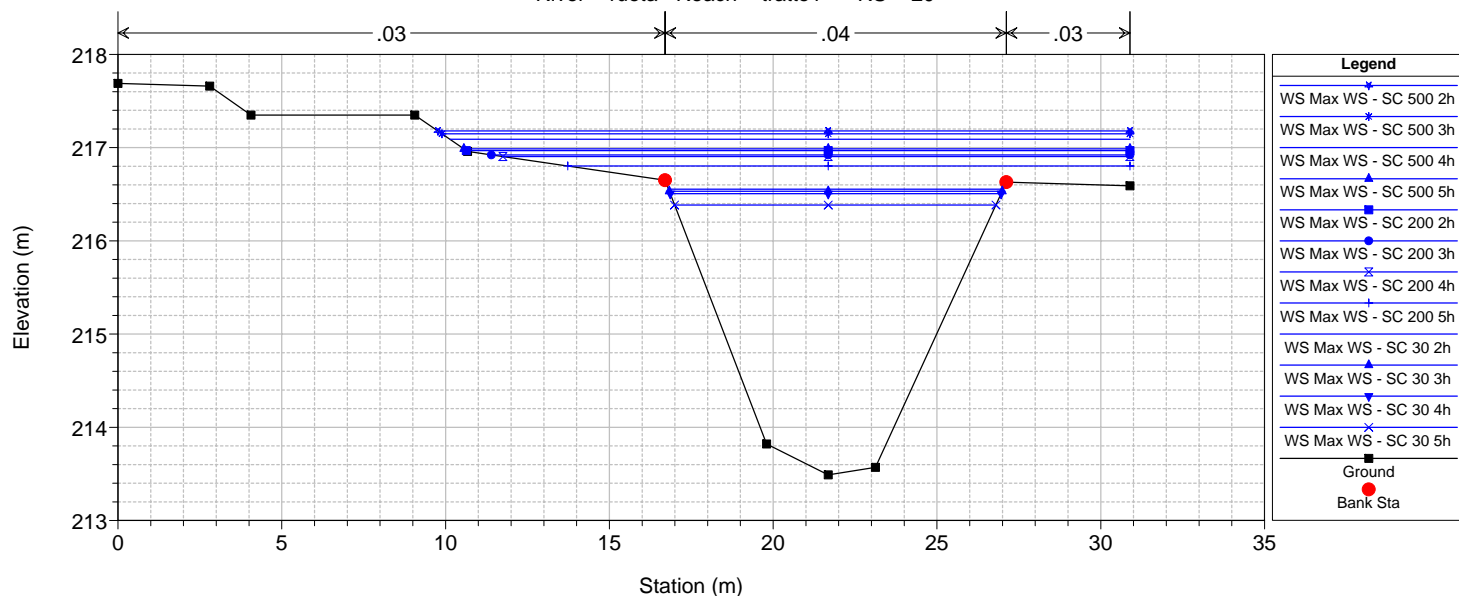
River = ruota Reach = tratto1 RS = 30



1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2

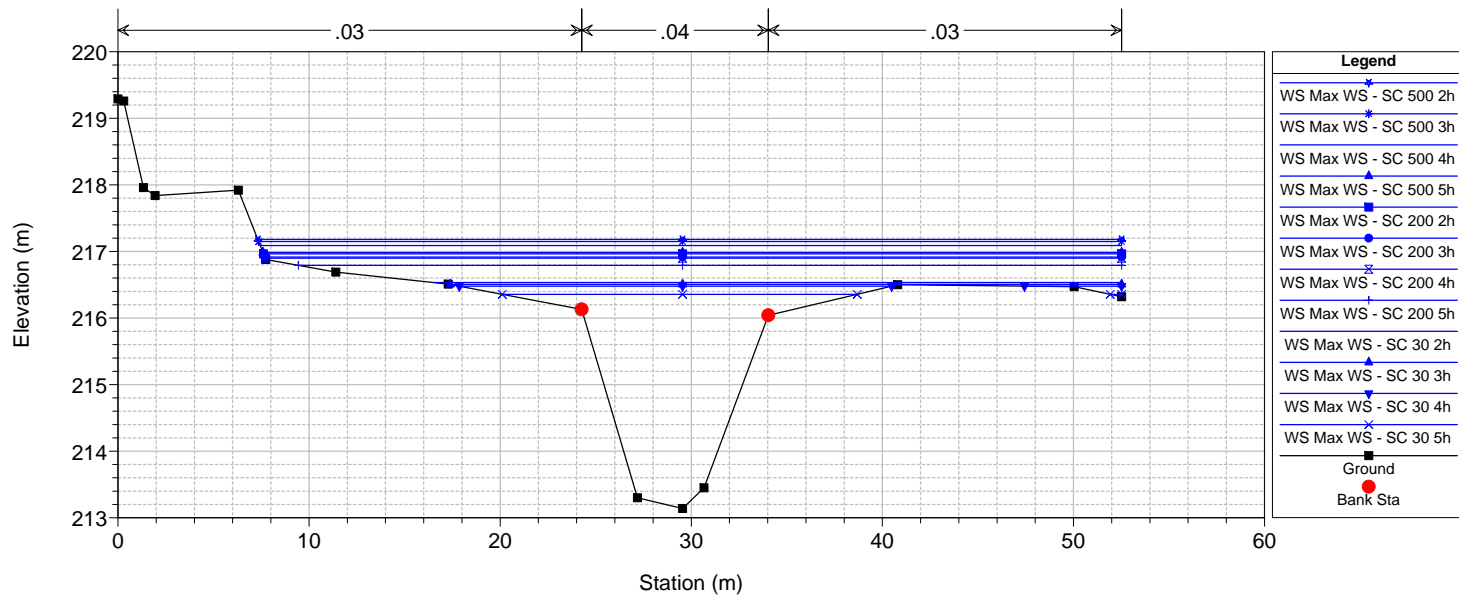
River = ruota Reach = tratto1 RS = 20



1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2

River = ruota Reach = tratto1 RS = 10

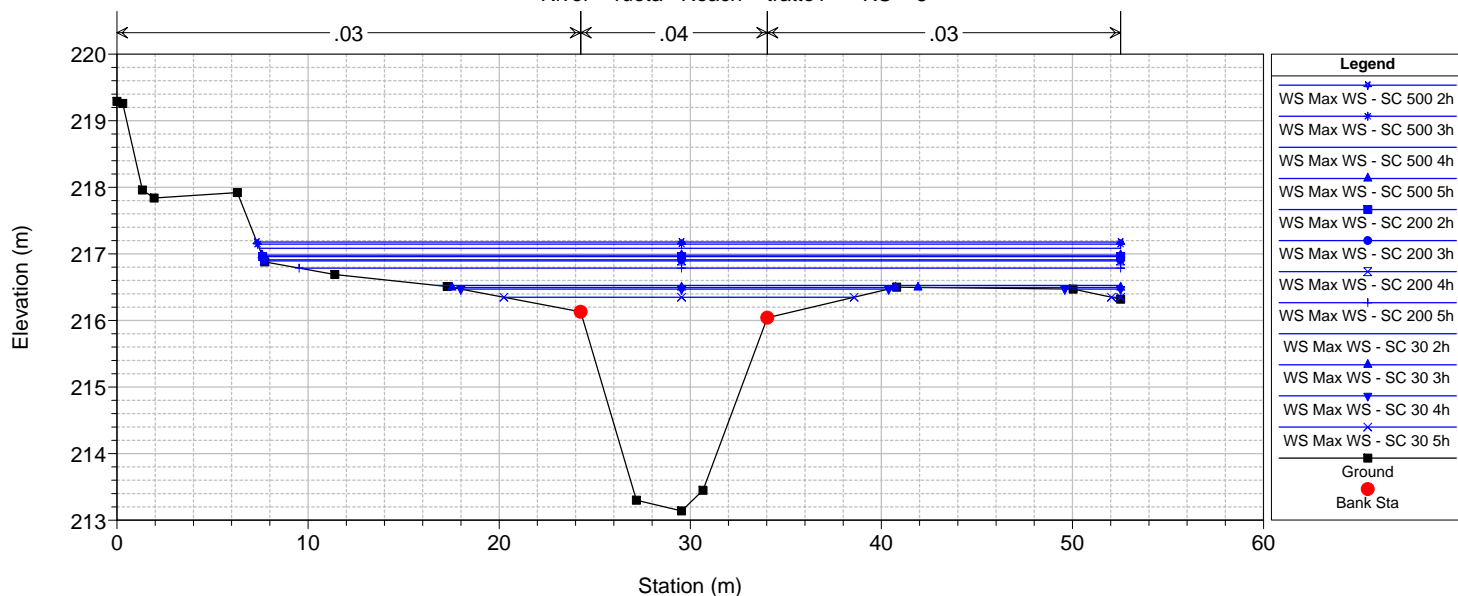




1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2

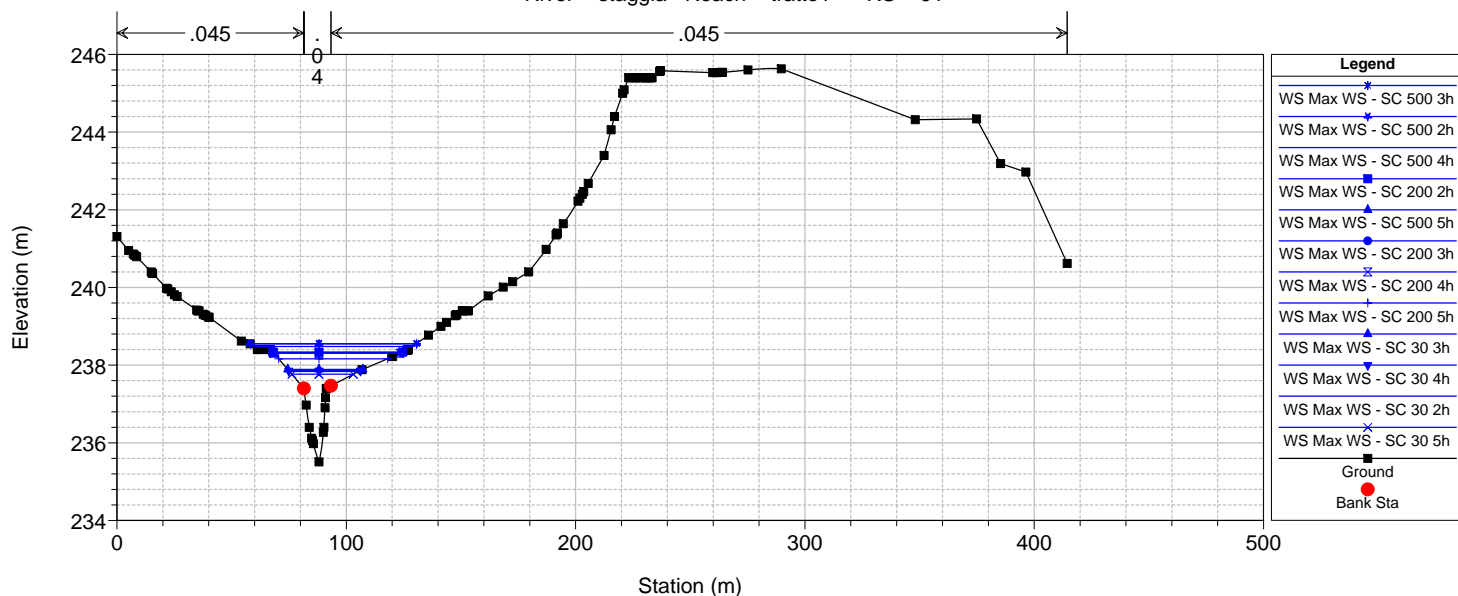
River = ruota Reach = tratto1 RS = 5



1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2

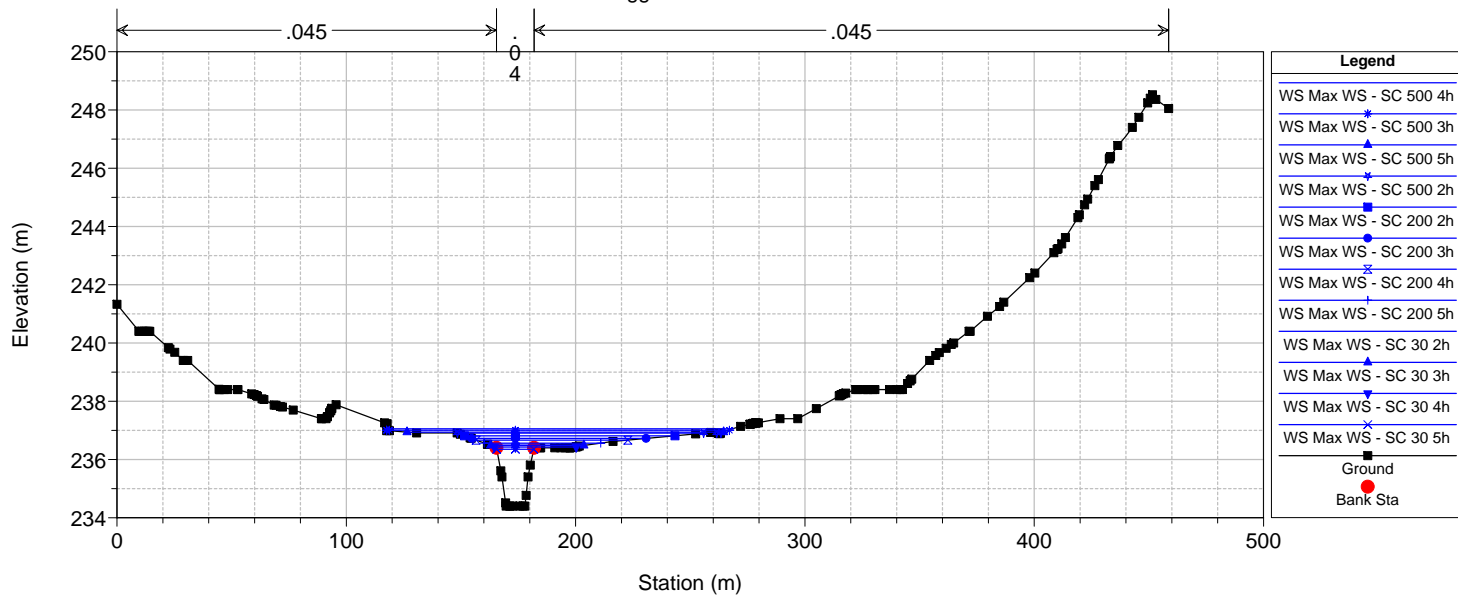
River = staggia Reach = tratto1 RS = 91



1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

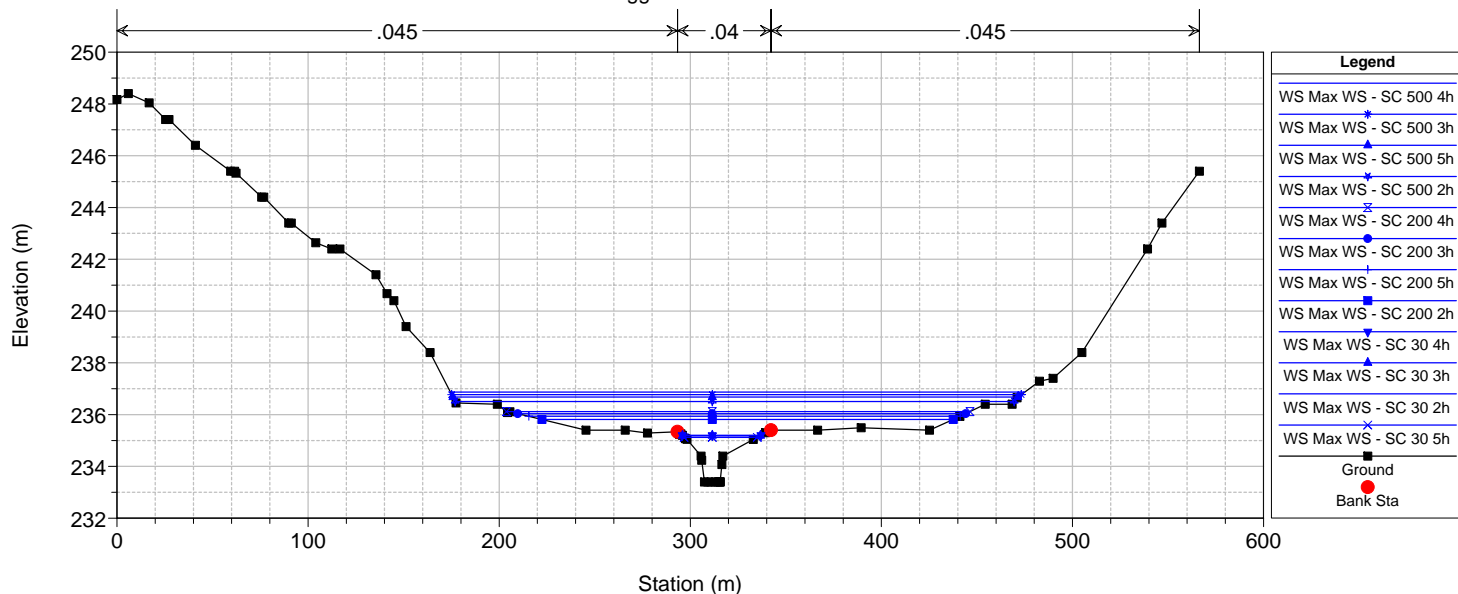
Geom: geometria badesse SA2015 2

River = staggia Reach = tratto1 RS = 90



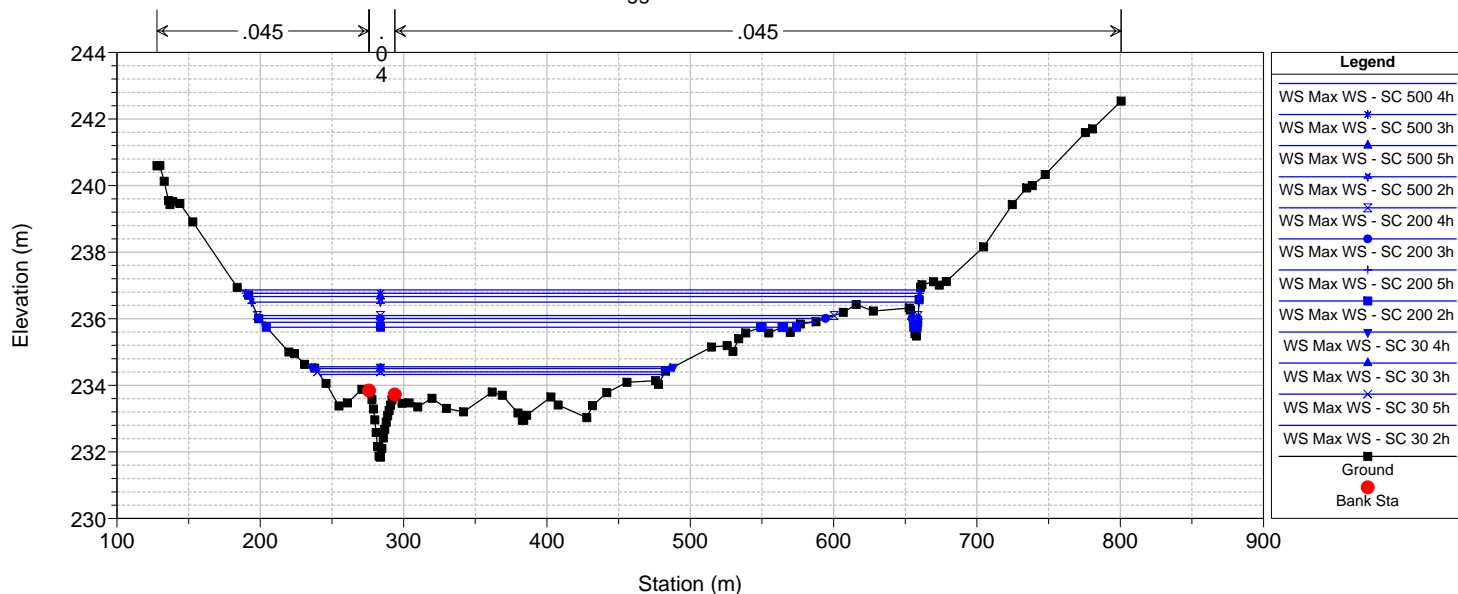
1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2  
River = staggia Reach = tratto1 RS = 89



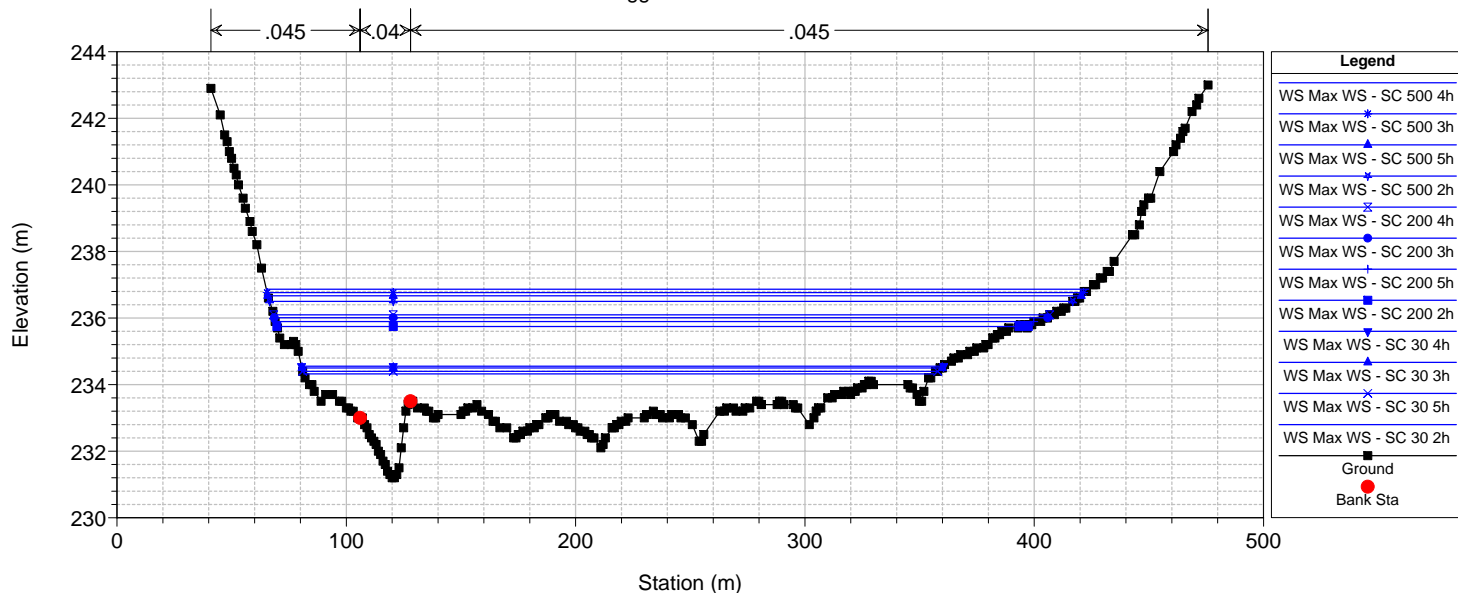
1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2  
River = staggia Reach = tratto1 RS = 88



1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

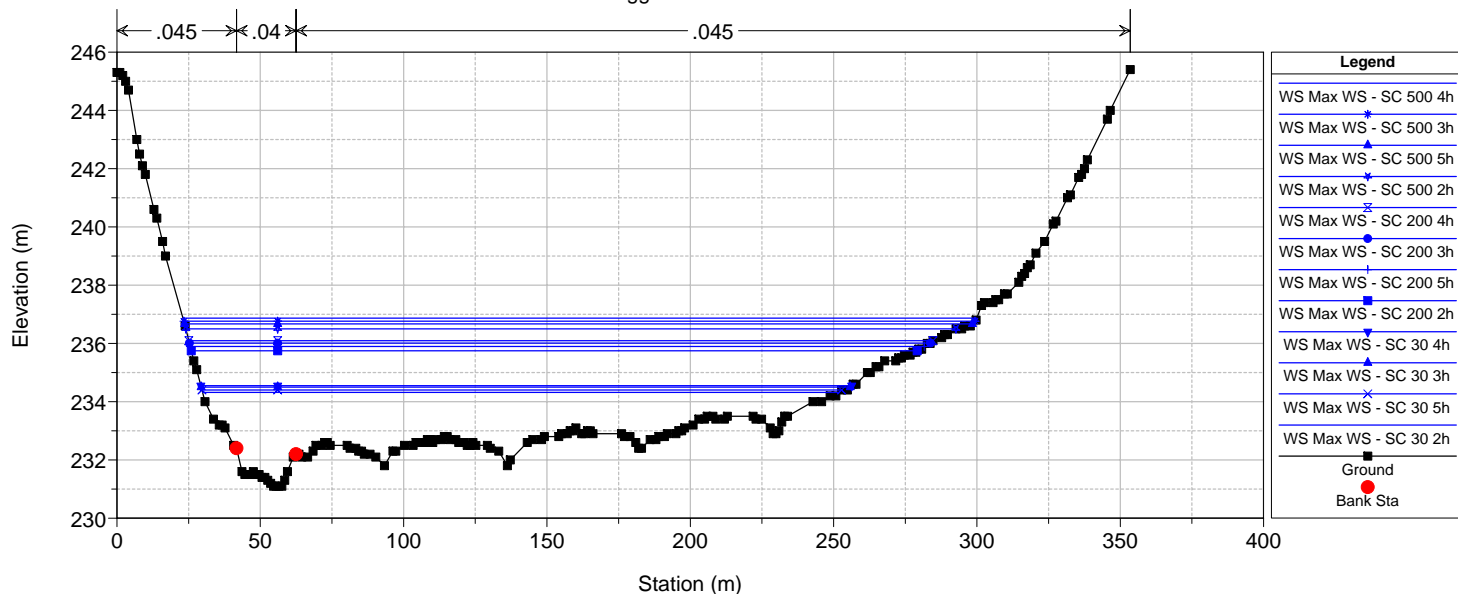
Geom: geometria badesse SA2015 2  
River = staggia Reach = tratto1 RS = 87





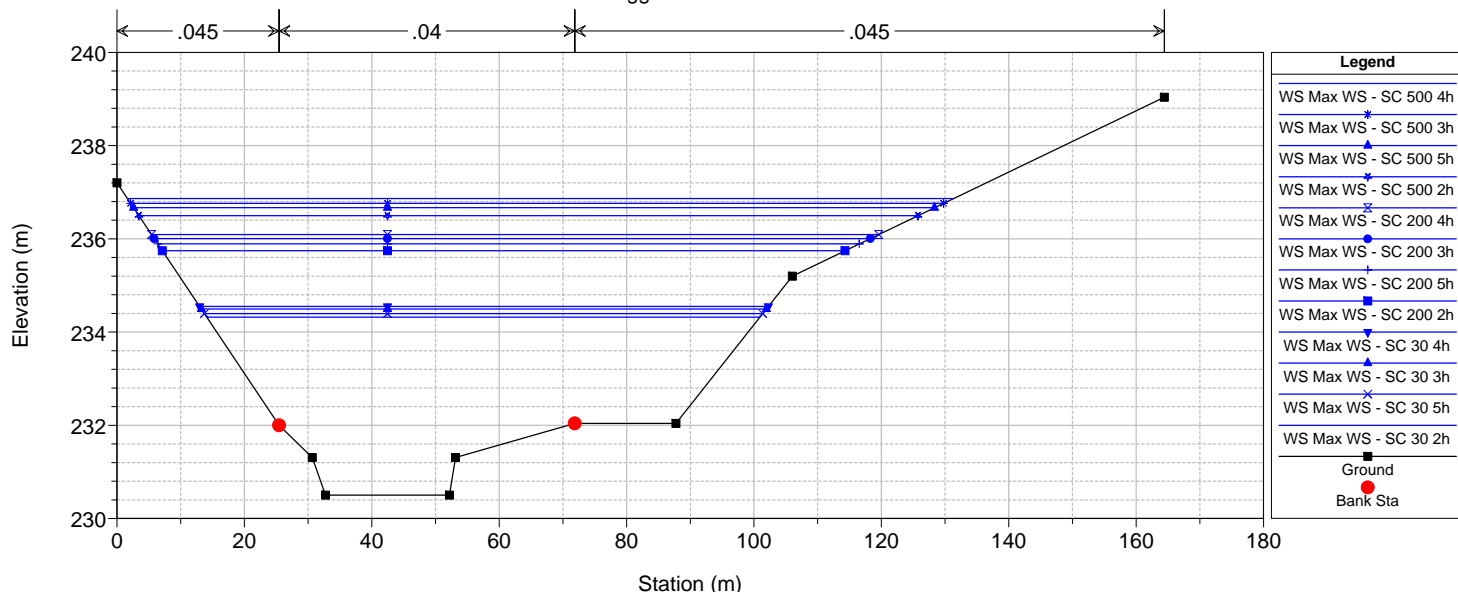
1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2  
River = staggia Reach = tratto1 RS = 86



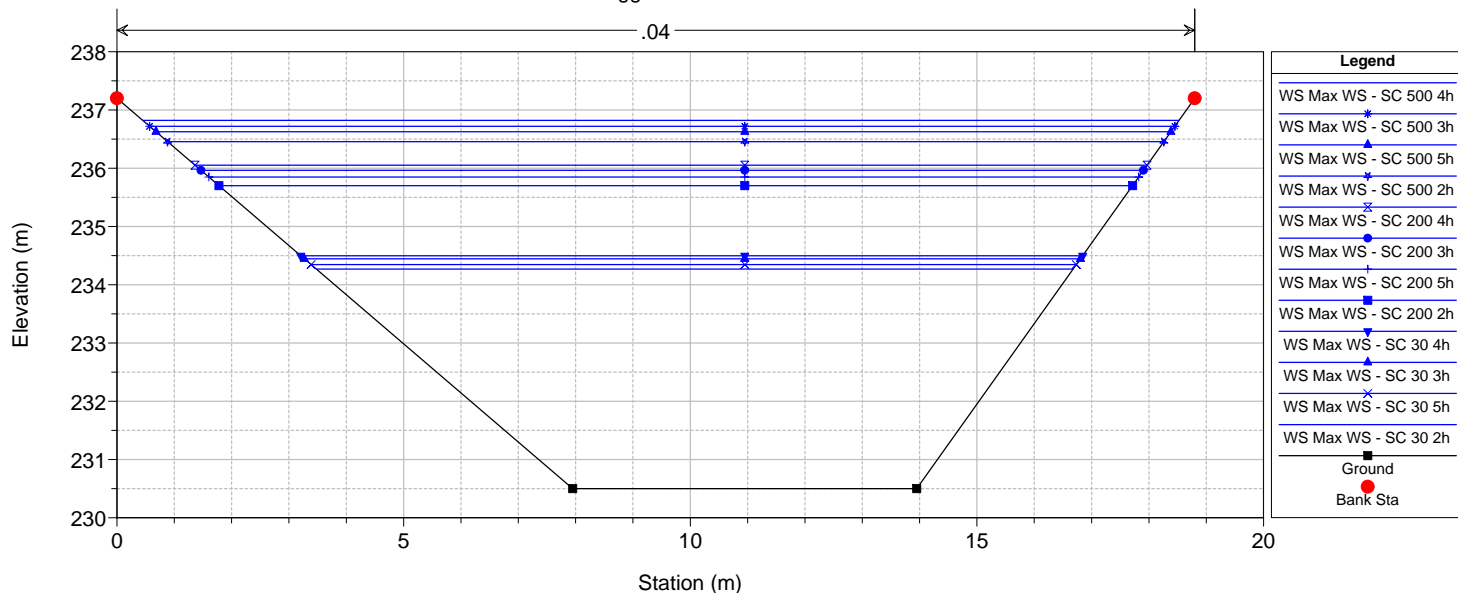
1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

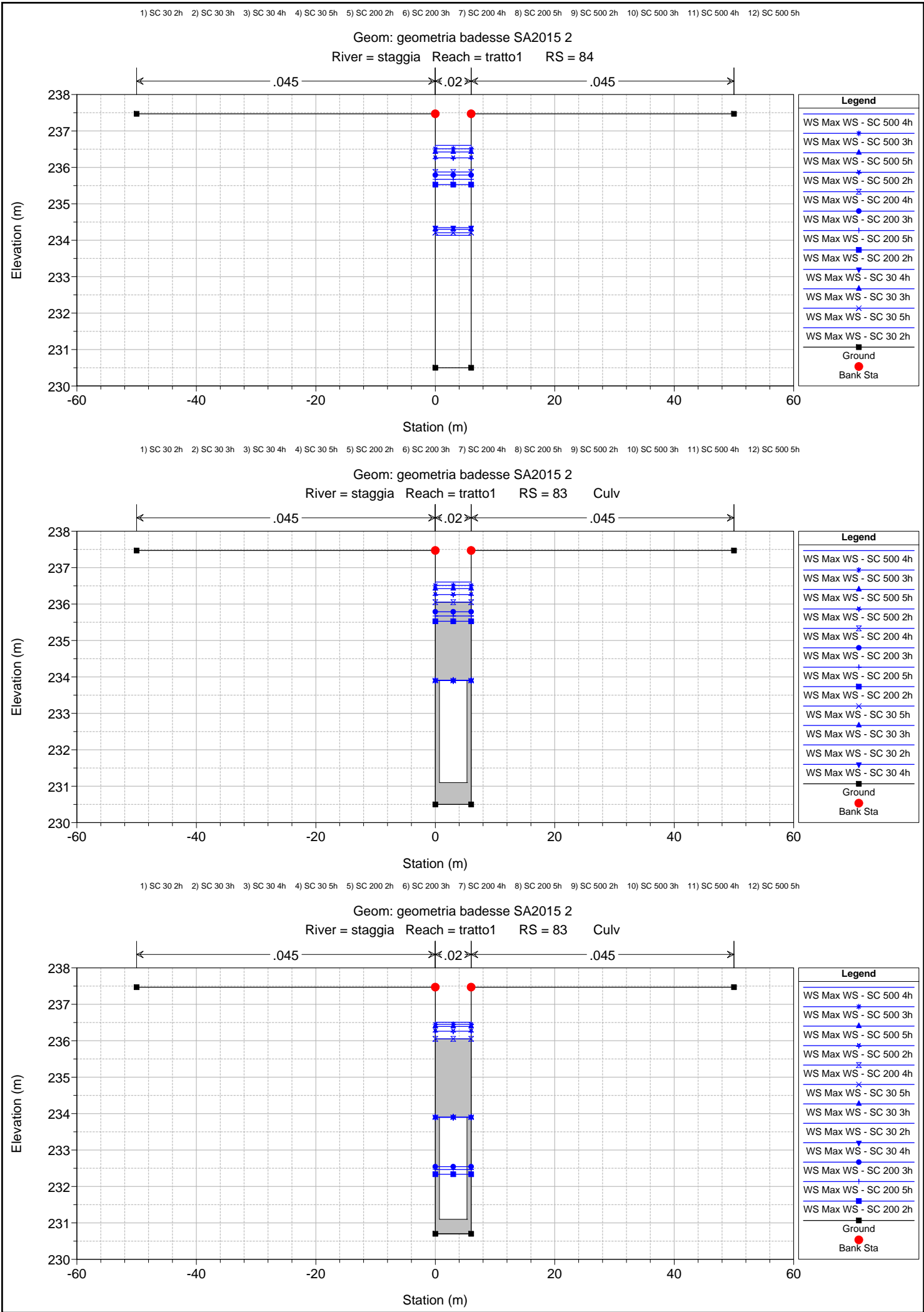
Geom: geometria badesse SA2015 2  
River = staggia Reach = tratto1 RS = 85



1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

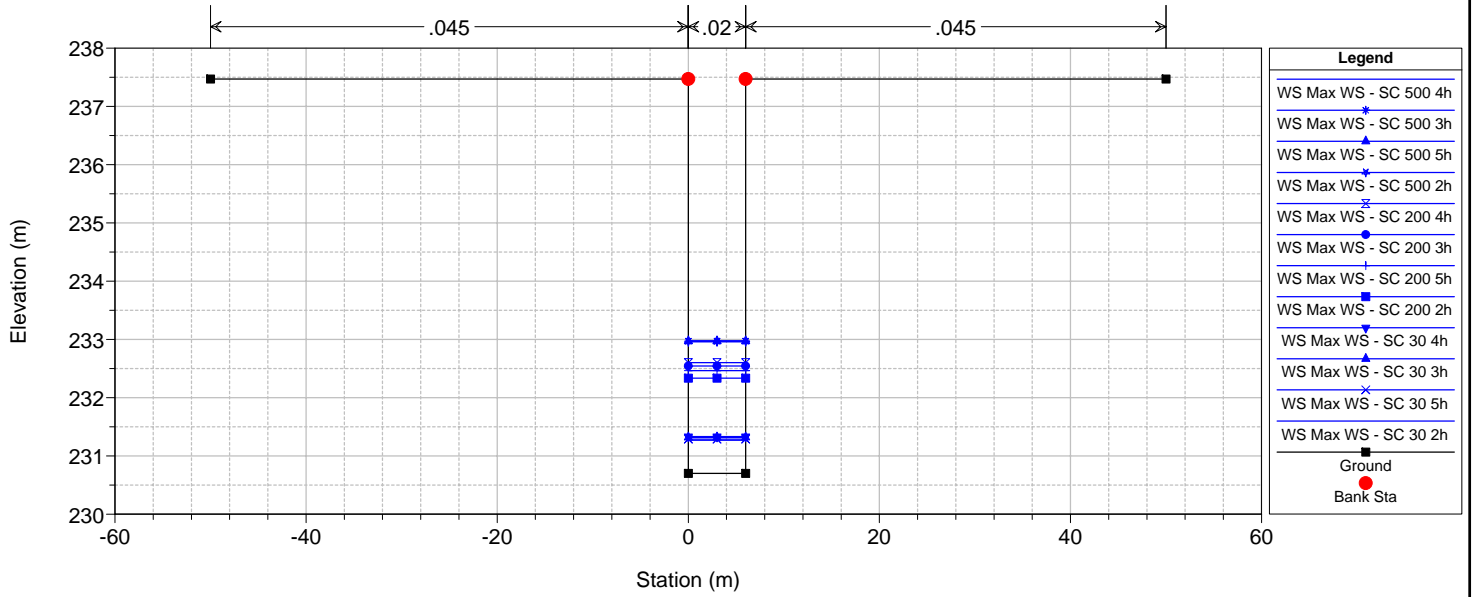
Geom: geometria badesse SA2015 2  
River = staggia Reach = tratto1 RS = 84.5





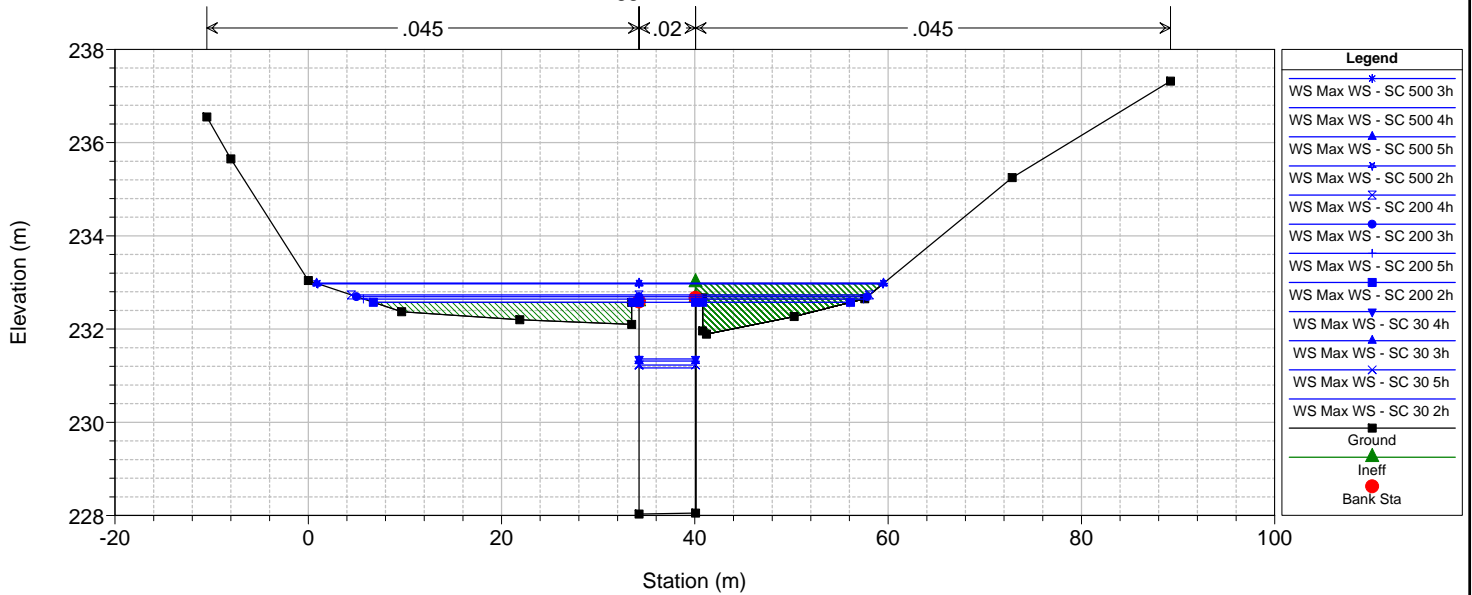
1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2  
River = staggia Reach = tratto1 RS = 82



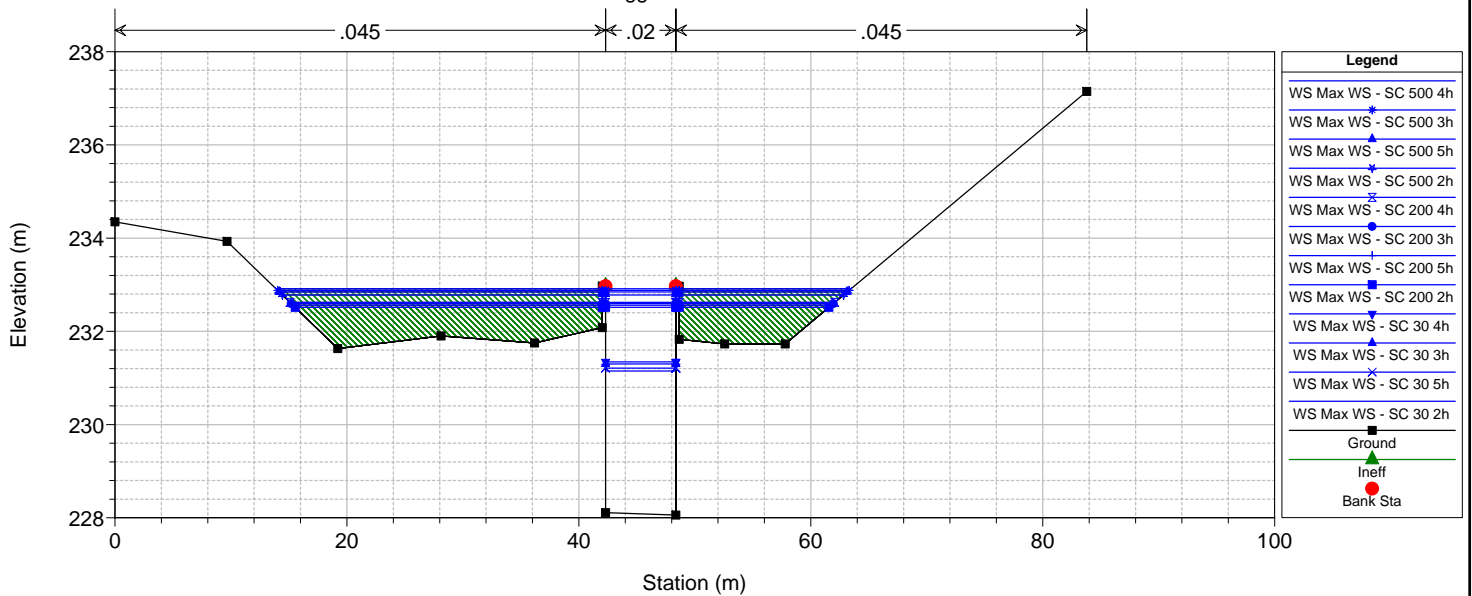
1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2  
River = staggia Reach = tratto1 RS = 71.5



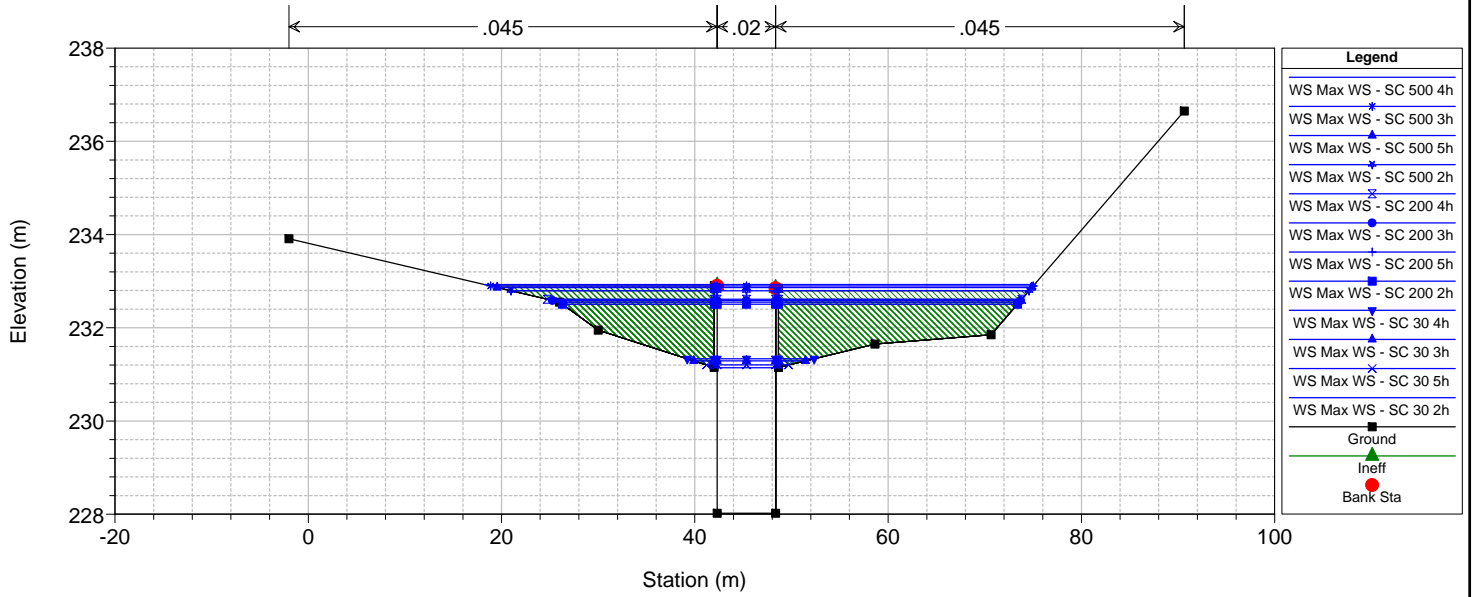
1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2  
River = staggia Reach = tratto1 RS = 71



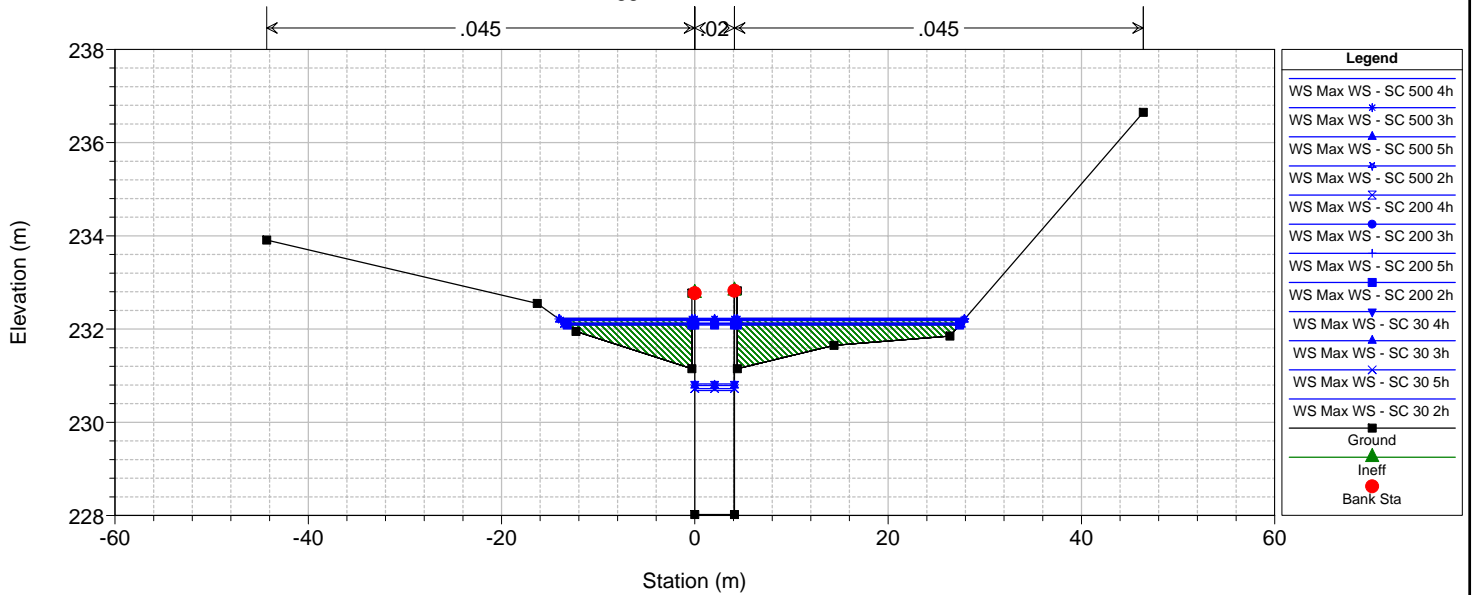
1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2  
River = staggia Reach = tratto1 RS = 70.9



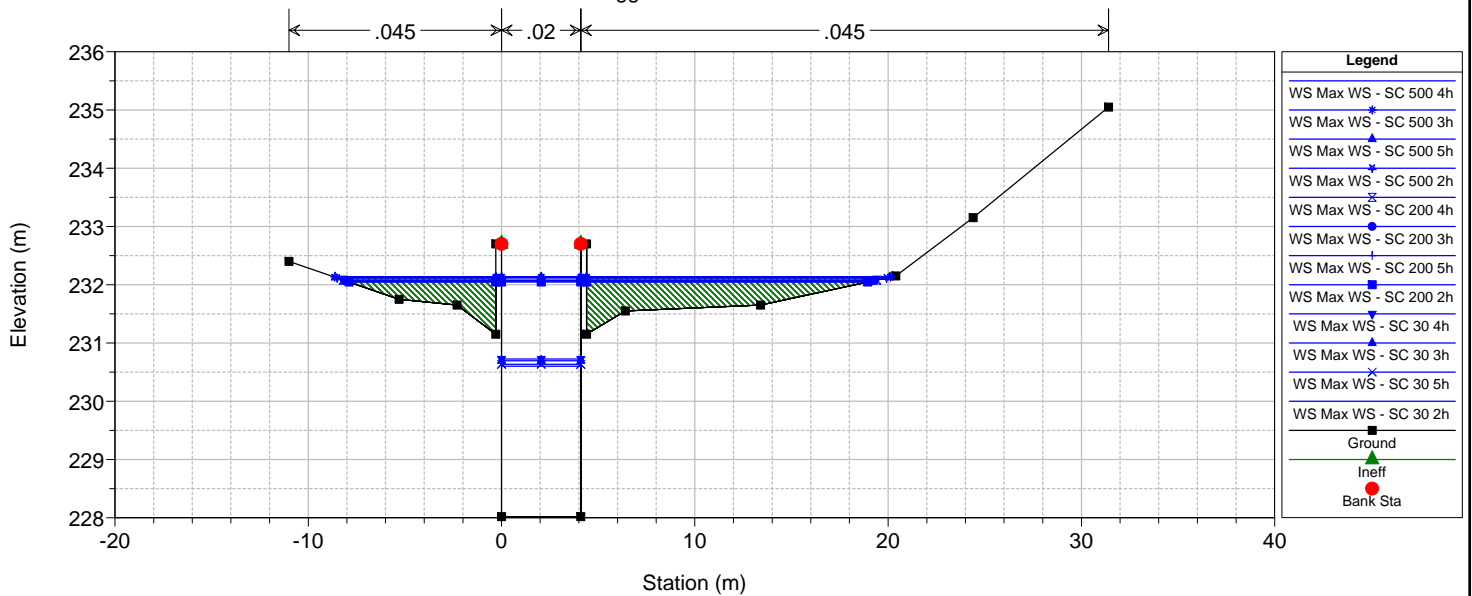
1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2  
River = staggia Reach = tratto1 RS = 70.8



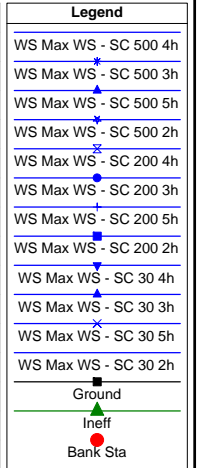
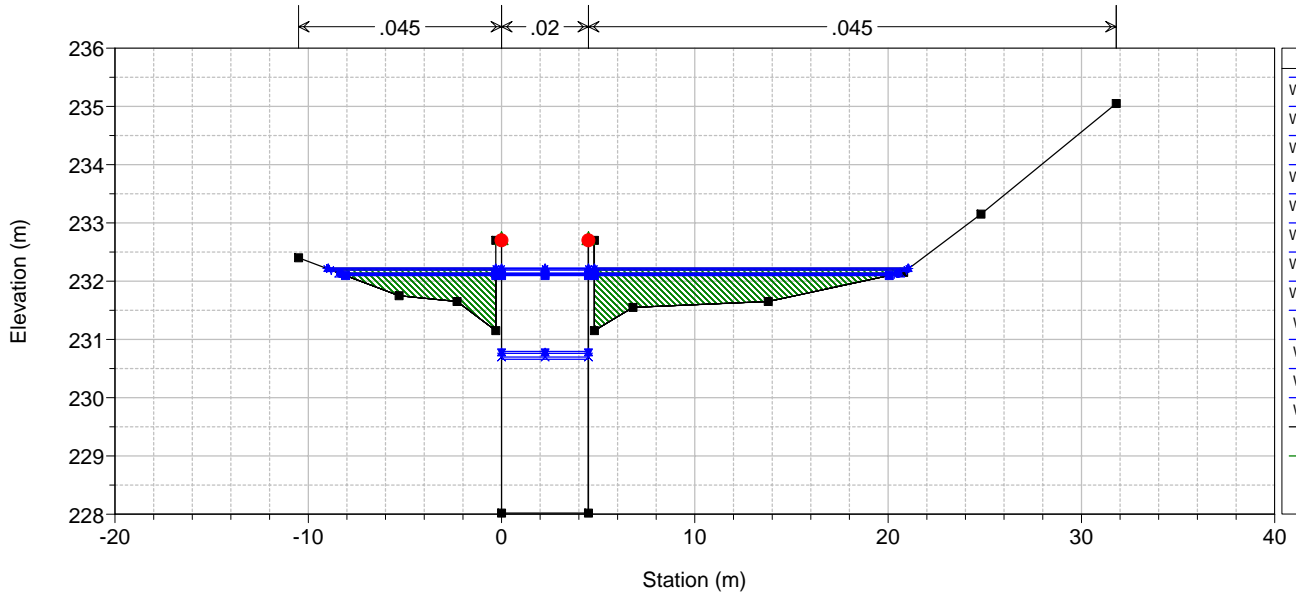
1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2  
River = staggia Reach = tratto1 RS = 70.5



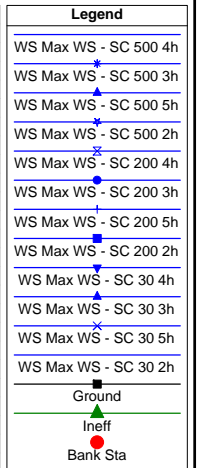
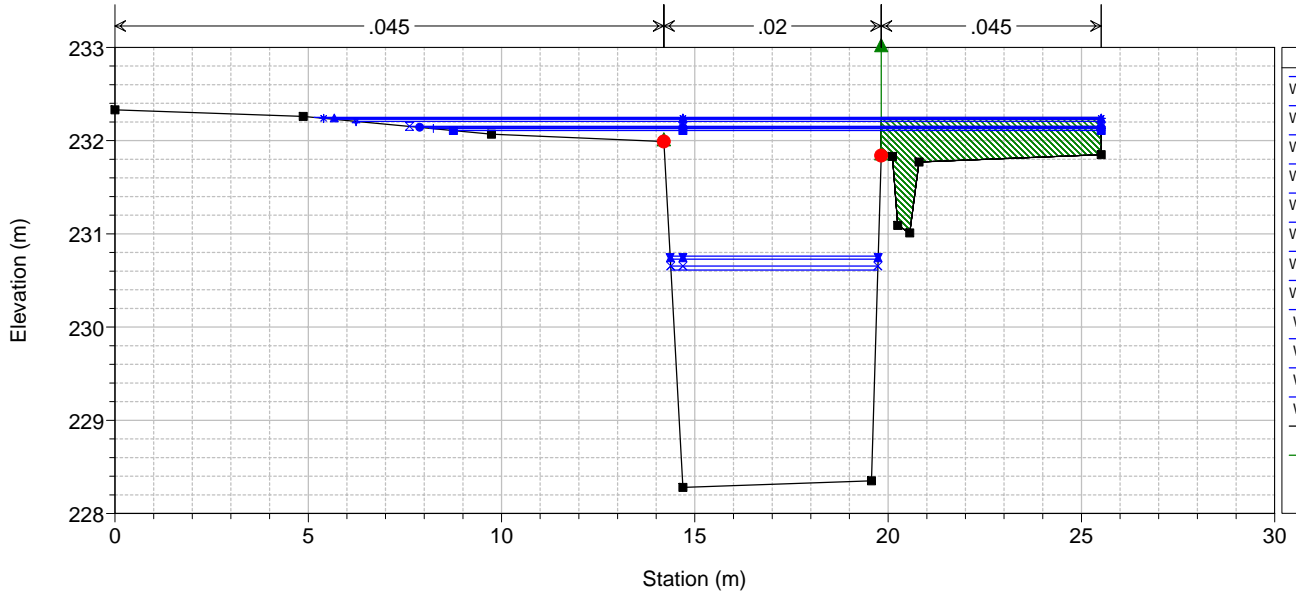
1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2  
River = staggia Reach = tratto1 RS = 70



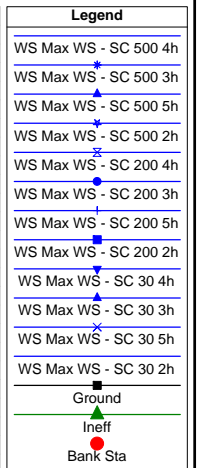
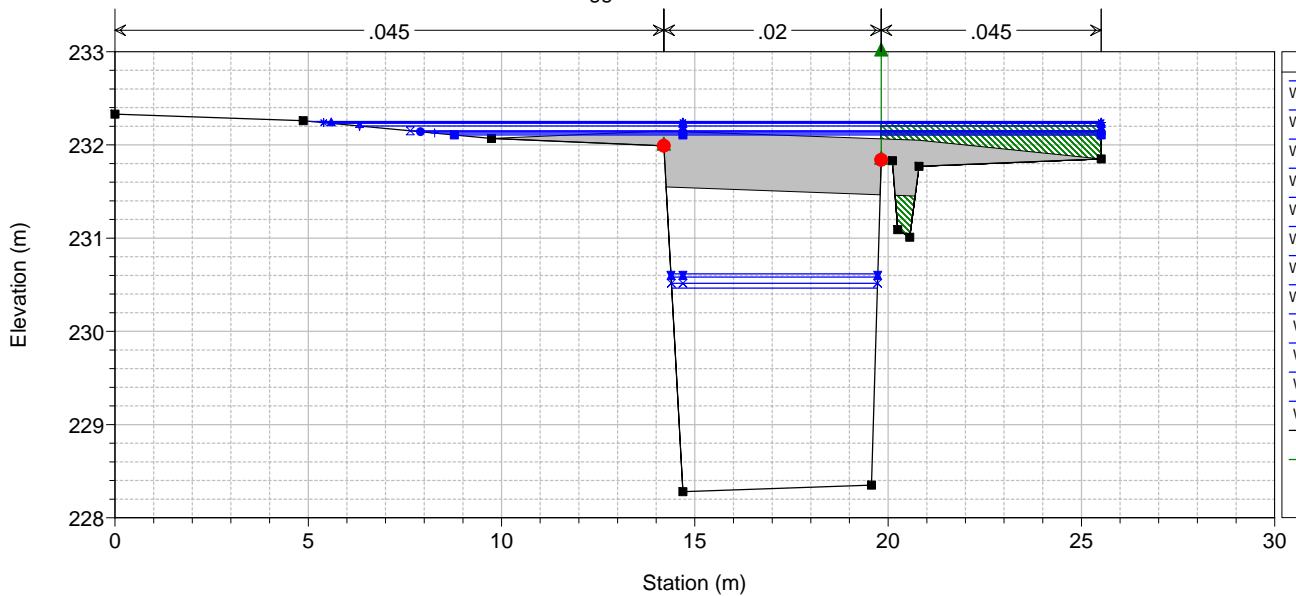
1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2  
River = staggia Reach = tratto1 RS = 69



1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

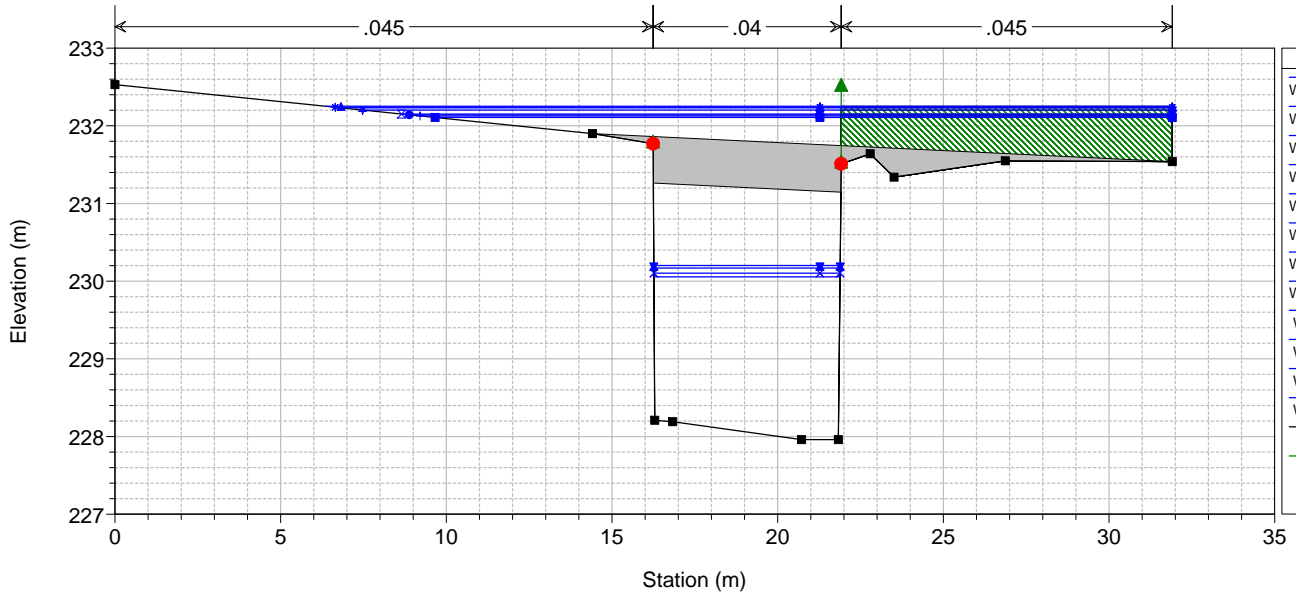
Geom: geometria badesse SA2015 2  
River = staggia Reach = tratto1 RS = 68 BR



1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2

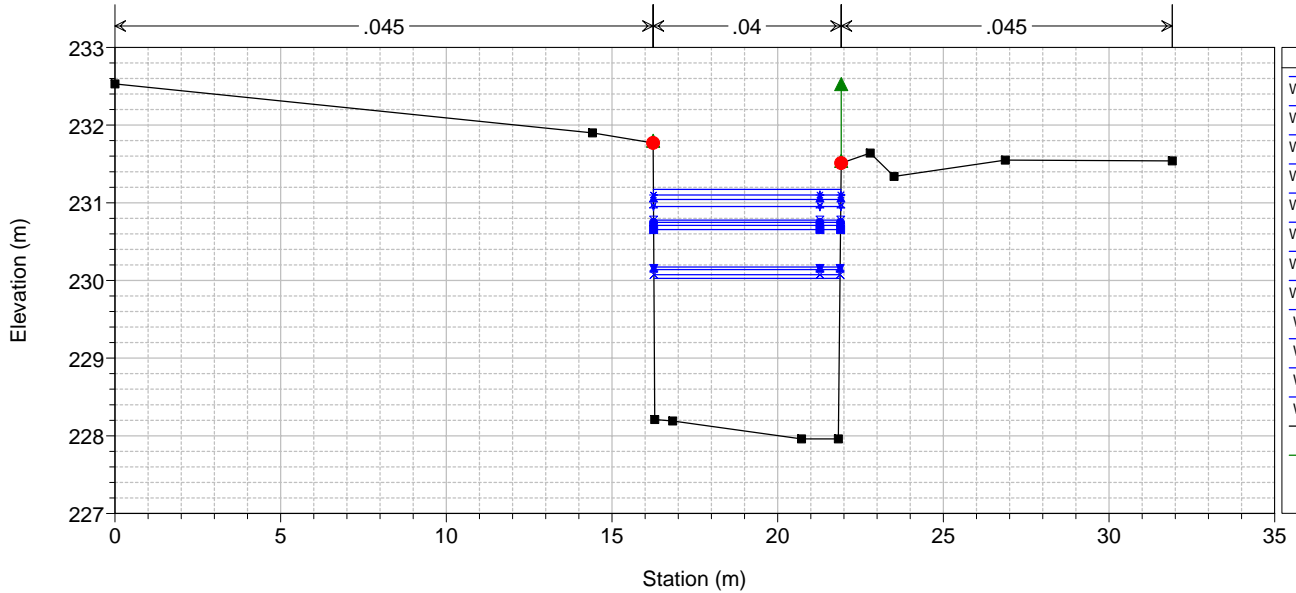
River = staggia Reach = tratto1 RS = 68 BR



1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2

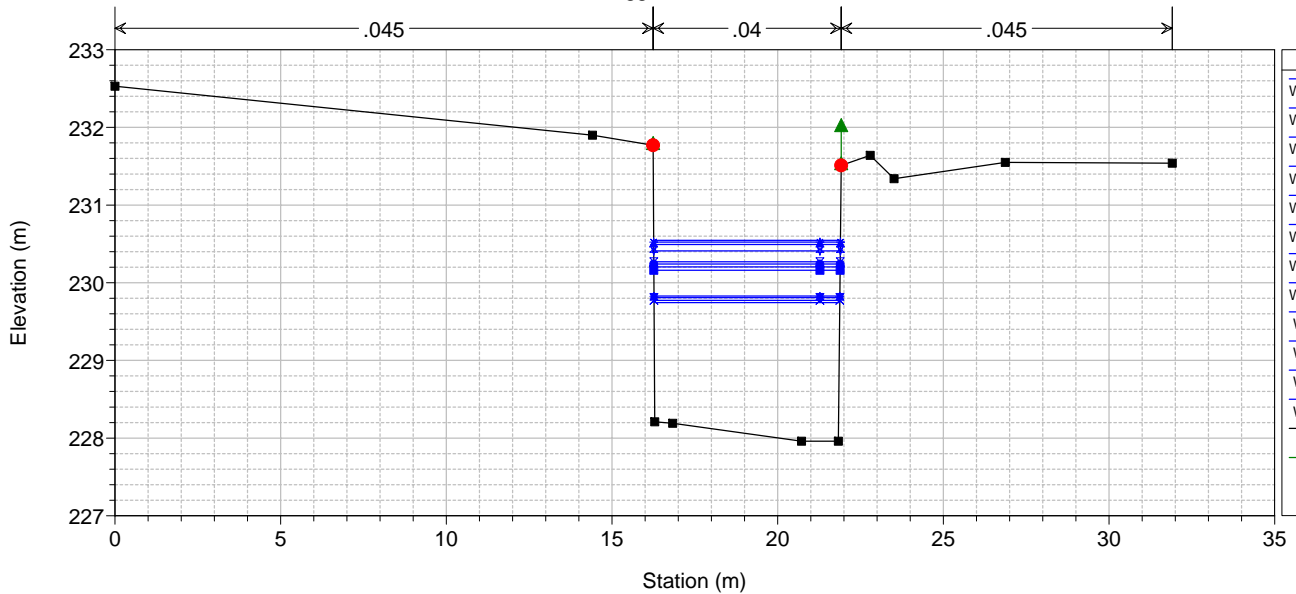
River = staggia Reach = tratto1 RS = 67



1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2

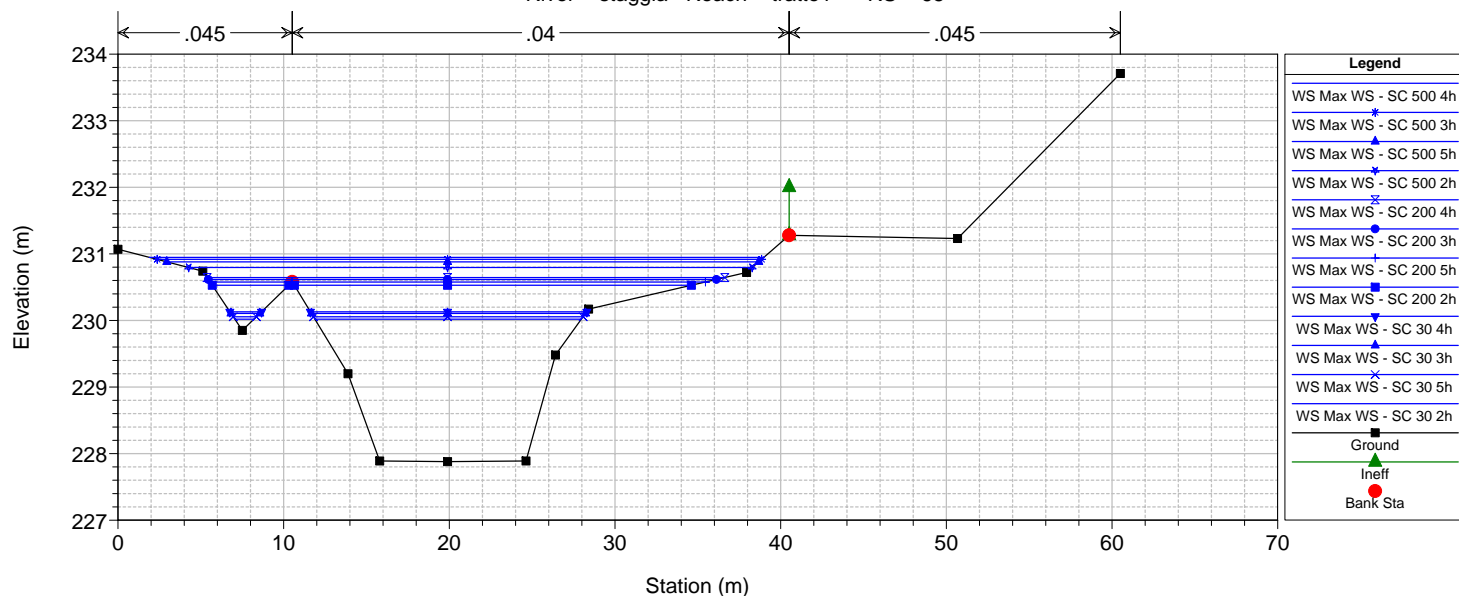
River = staggia Reach = tratto1 RS = 66





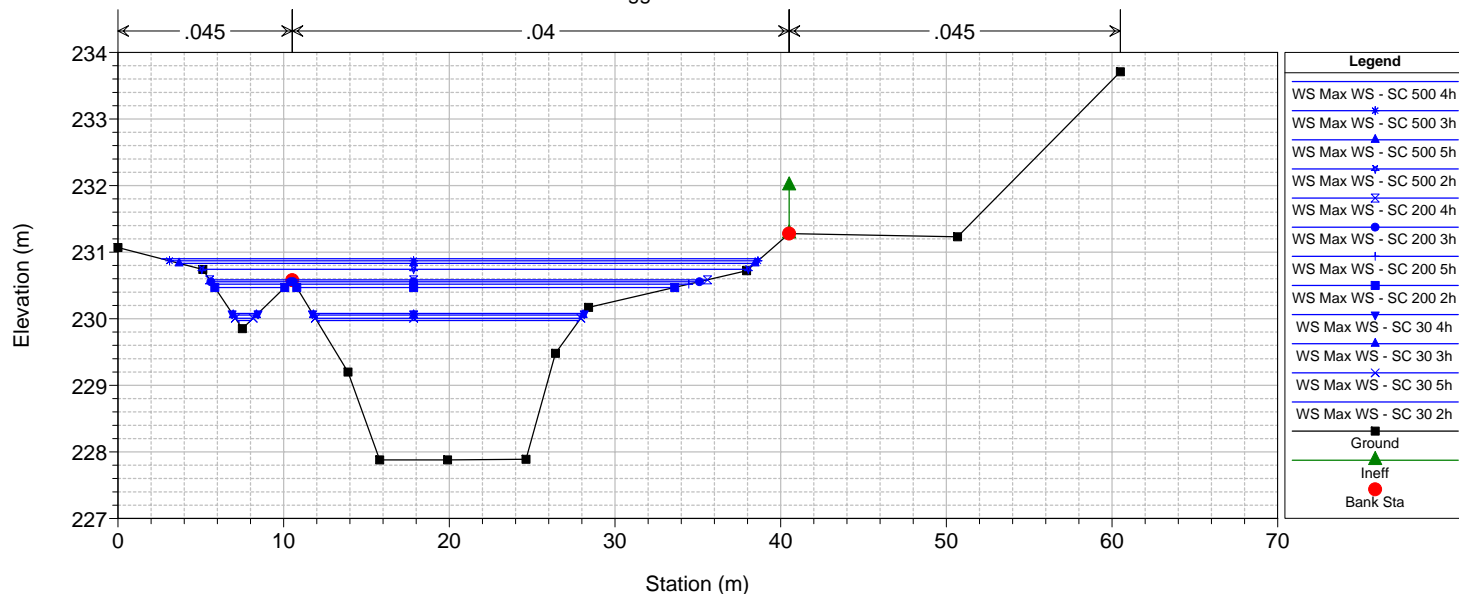
1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2  
River = staggia Reach = tratto1 RS = 65



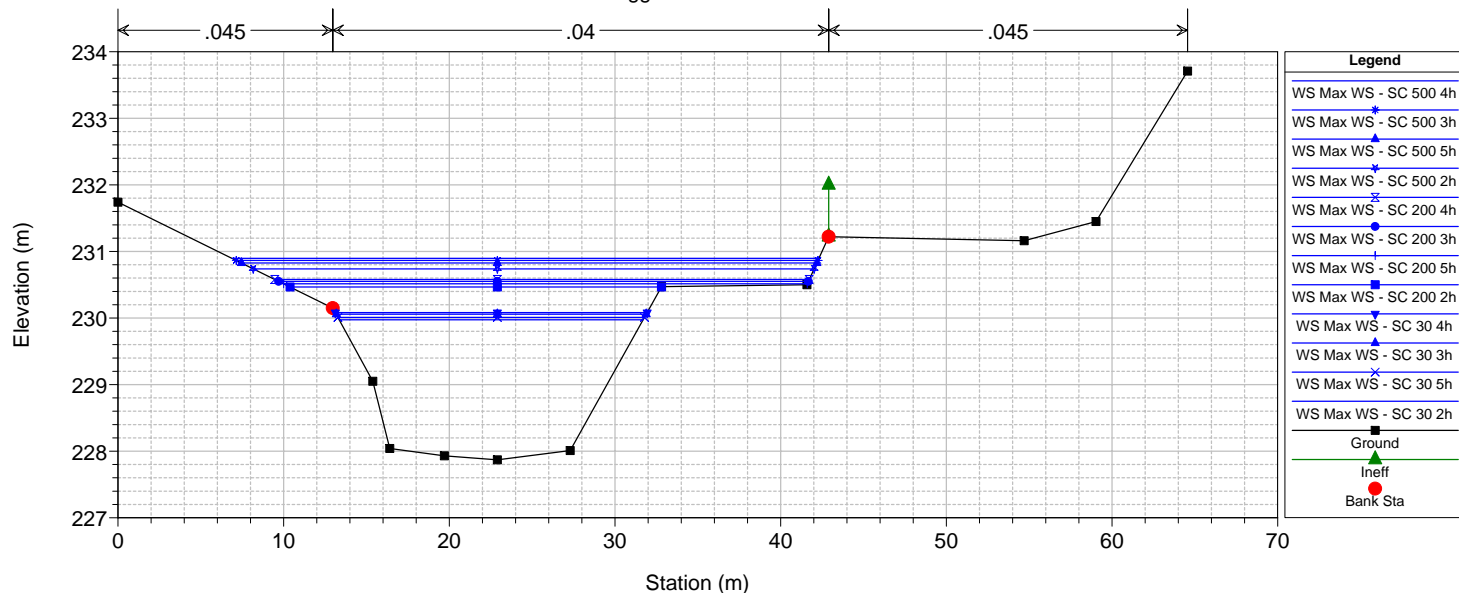
1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2  
River = staggia Reach = tratto1 RS = 64



1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

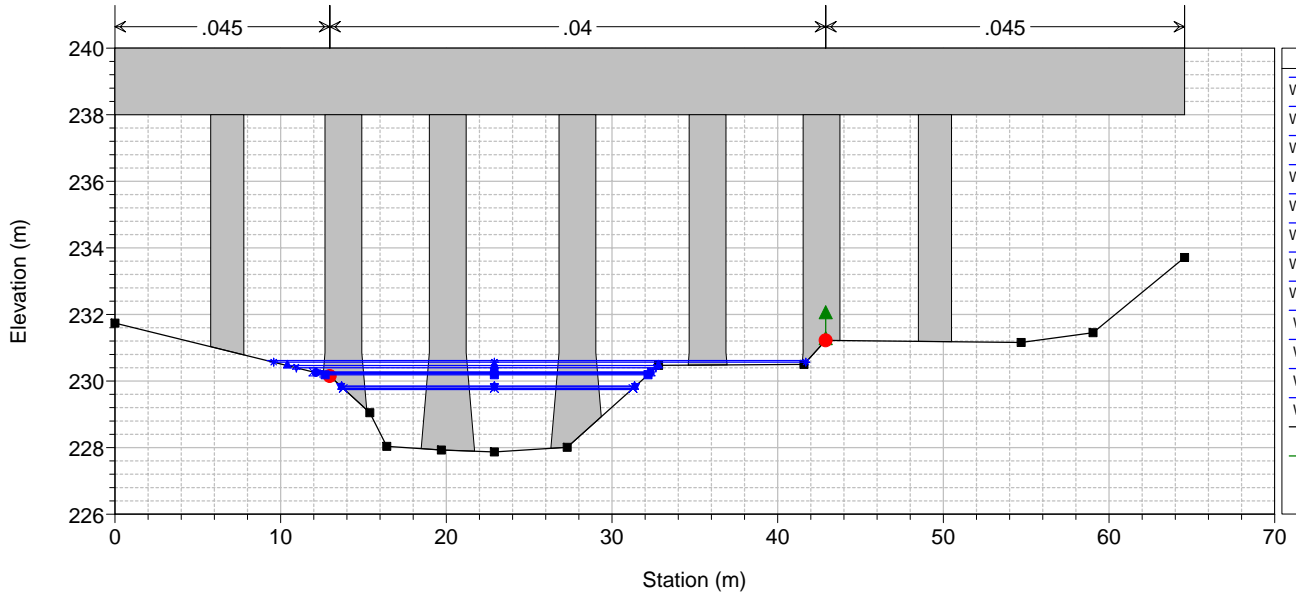
Geom: geometria badesse SA2015 2  
River = staggia Reach = tratto1 RS = 63



1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2

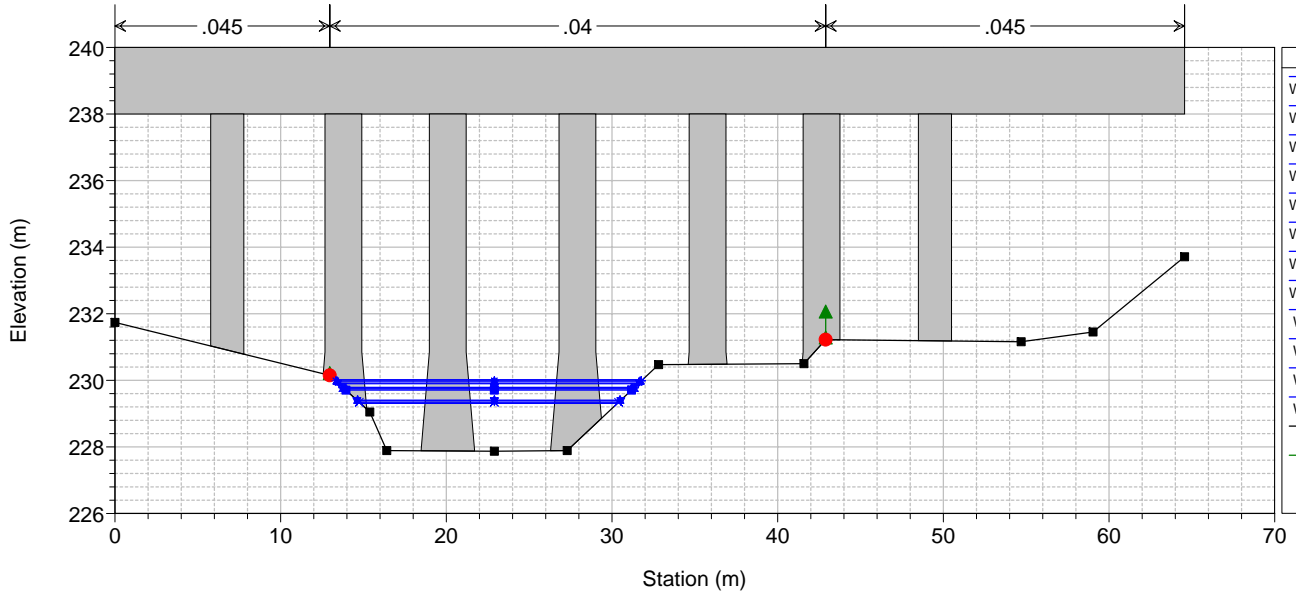
River = staggia Reach = tratto1 RS = 62 BR



1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2

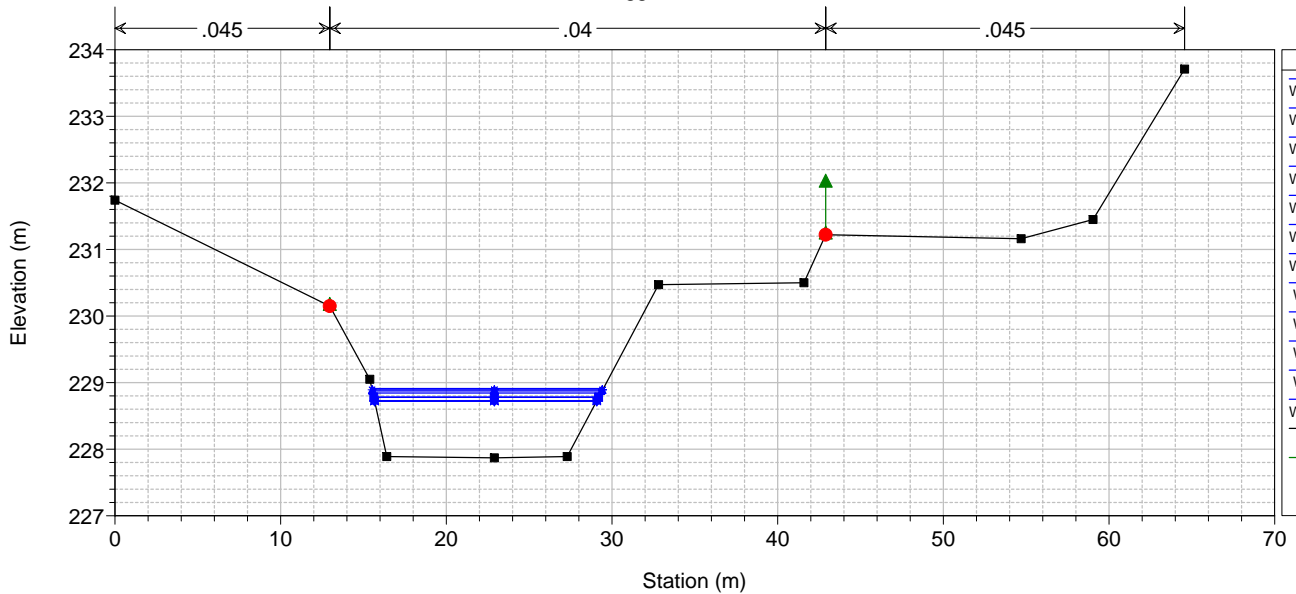
River = staggia Reach = tratto1 RS = 62 BR



1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2

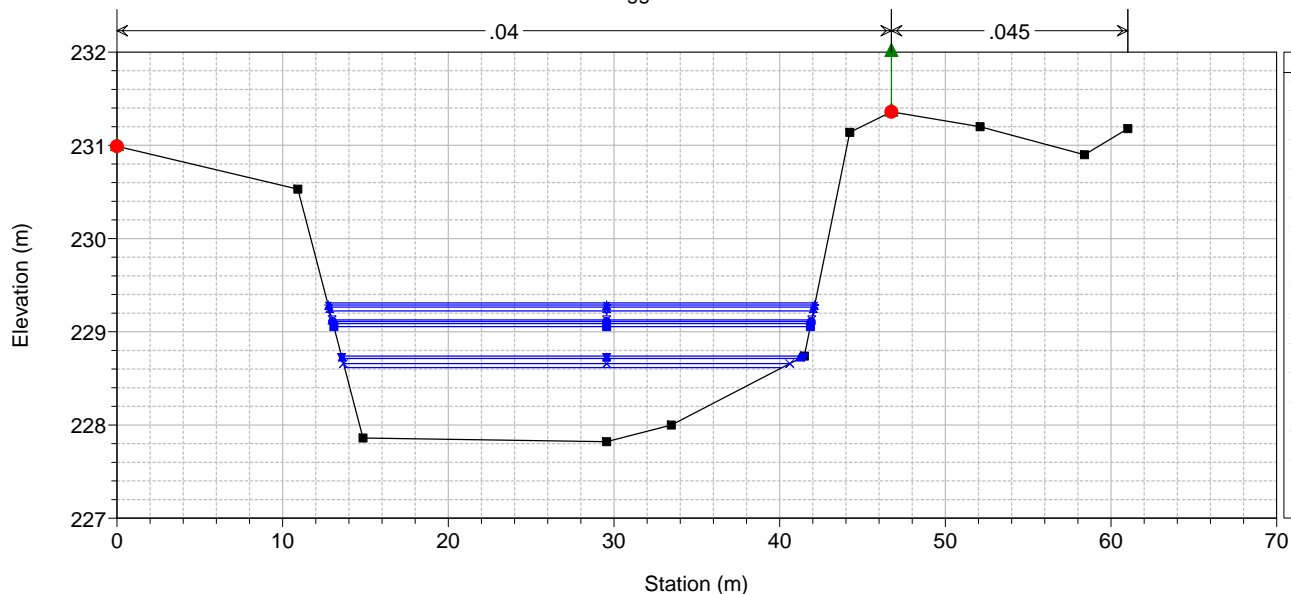
River = staggia Reach = tratto1 RS = 61





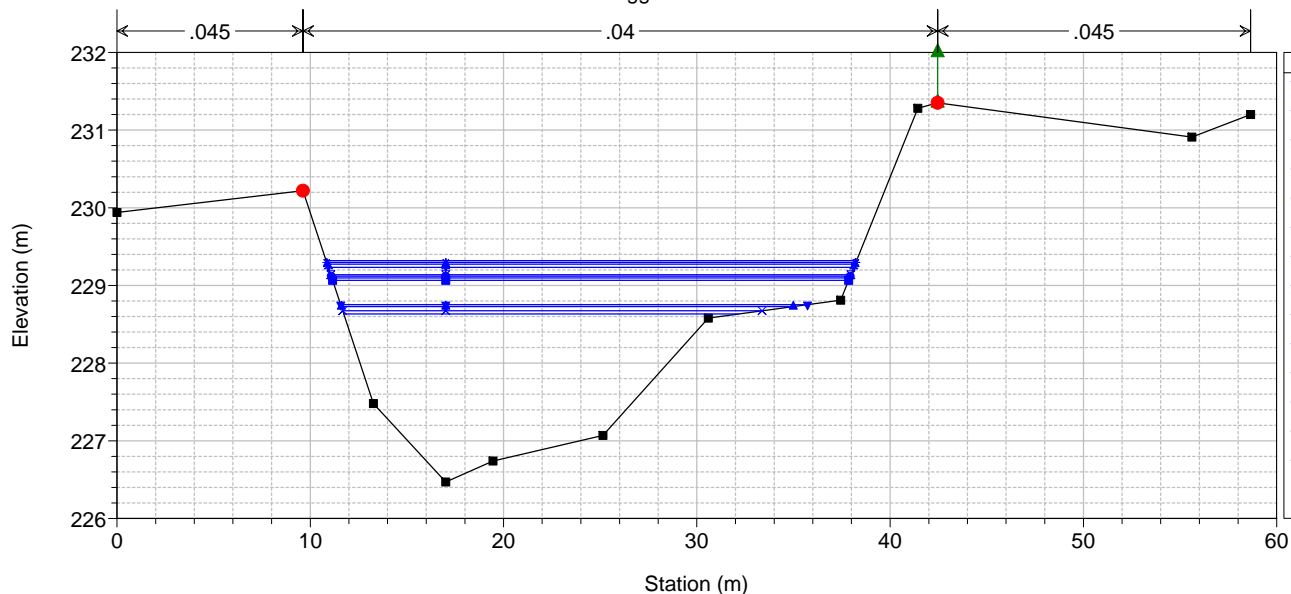
1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2  
River = staggia Reach = tratto1 RS = 60



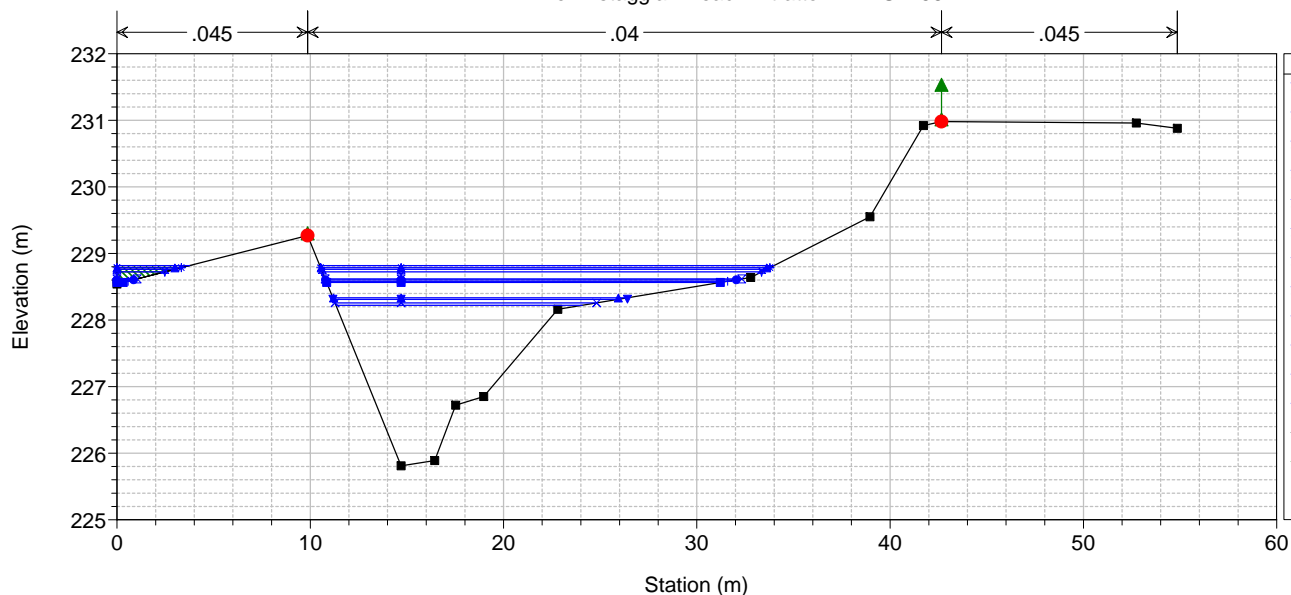
1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2  
River = staggia Reach = tratto1 RS = 59



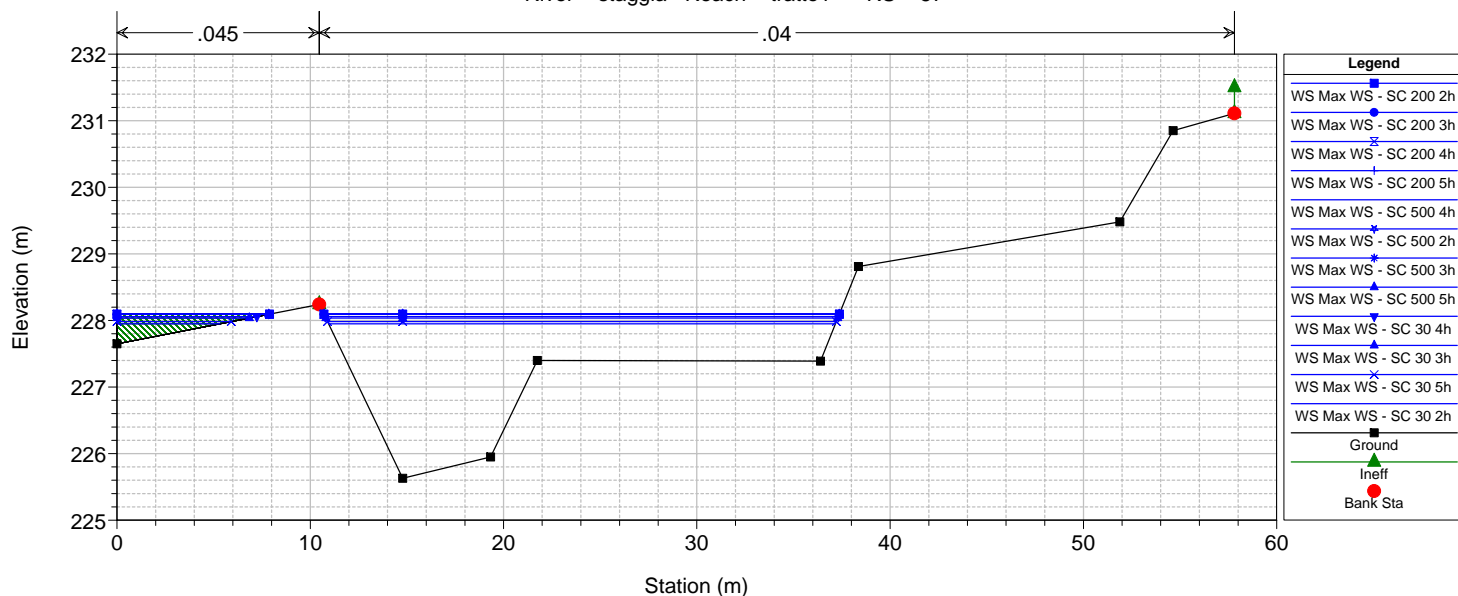
1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2  
River = staggia Reach = tratto1 RS = 58



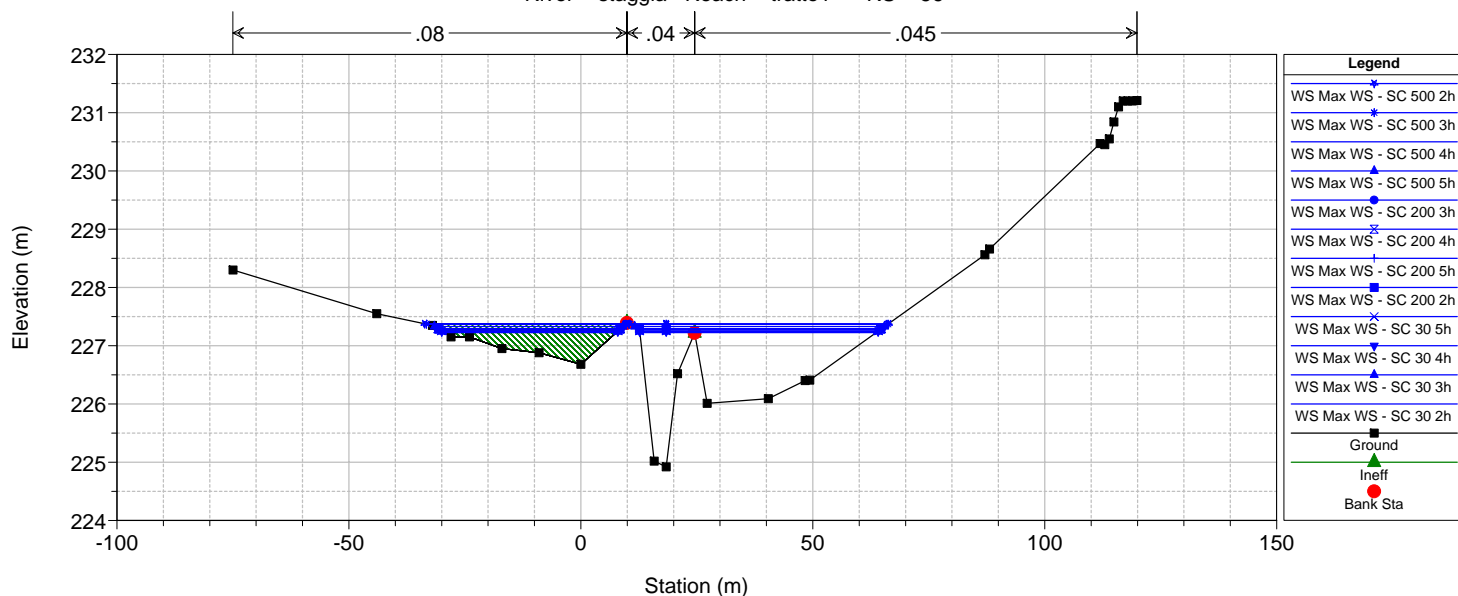
1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2  
River = staggia Reach = tratto1 RS = 57



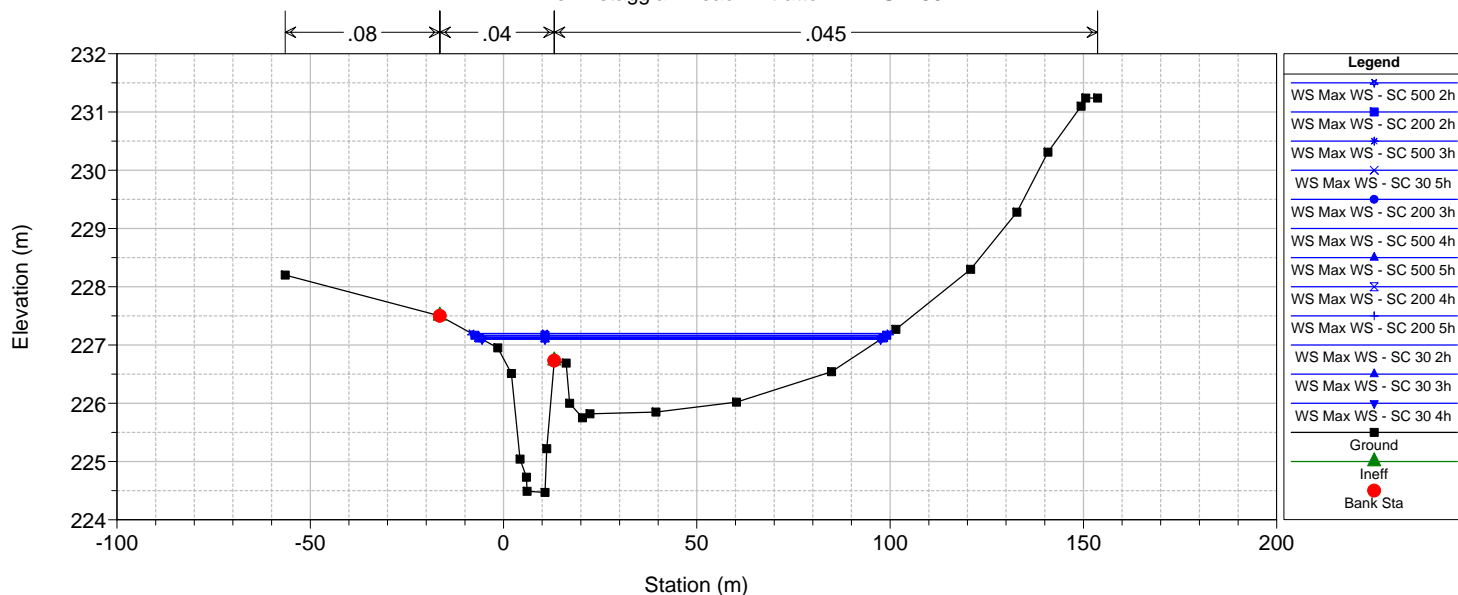
1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2  
River = staggia Reach = tratto1 RS = 56



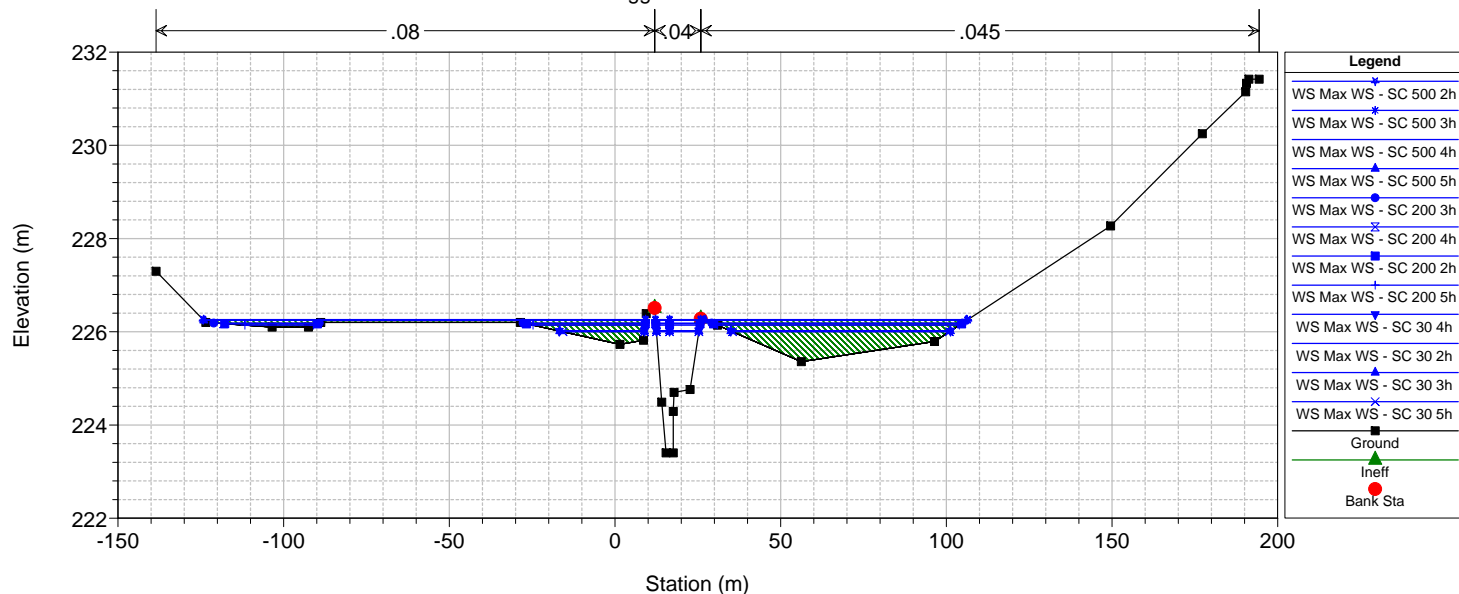
1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2  
River = staggia Reach = tratto1 RS = 55



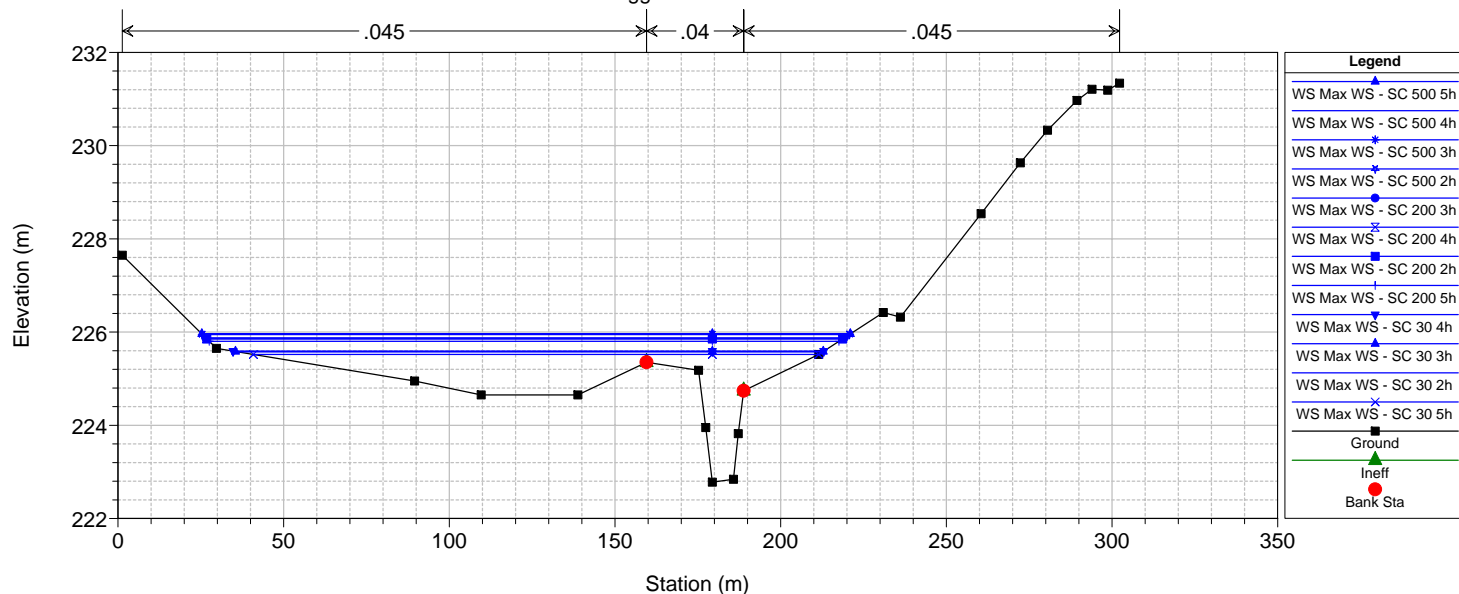
1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2  
River = staggia Reach = tratto1 RS = 53



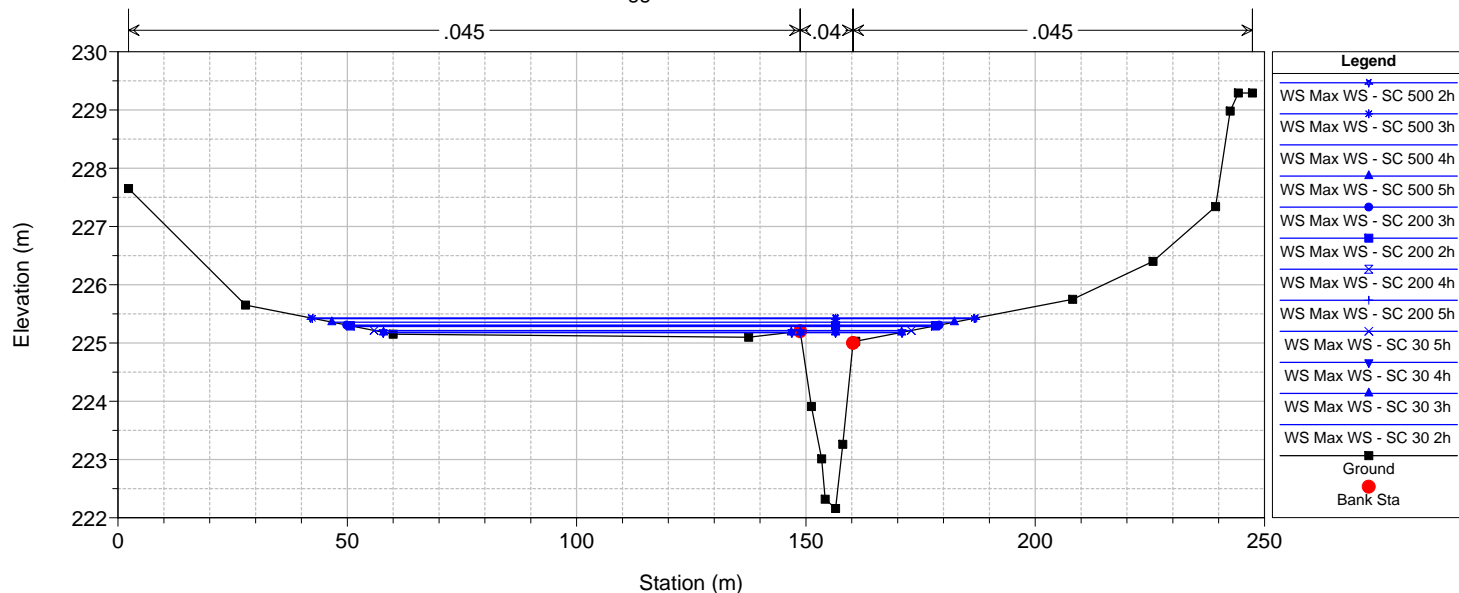
1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2  
River = staggia Reach = tratto1 RS = 52



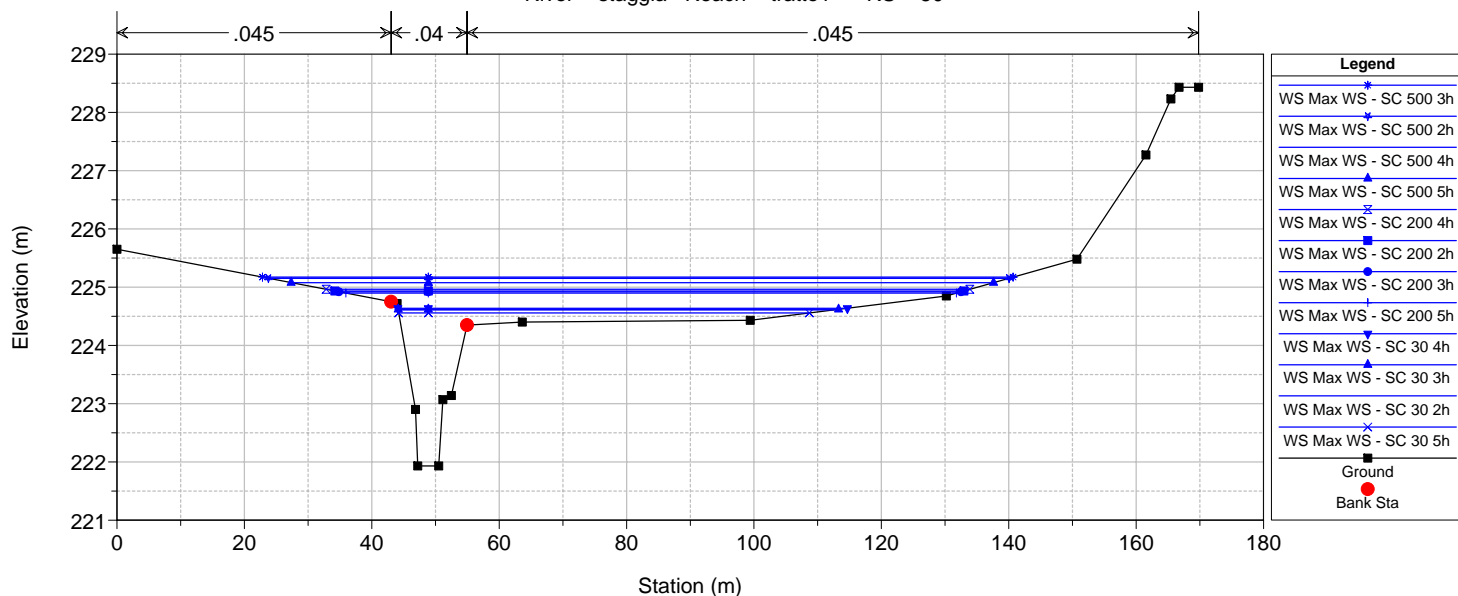
1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2  
River = staggia Reach = tratto1 RS = 51



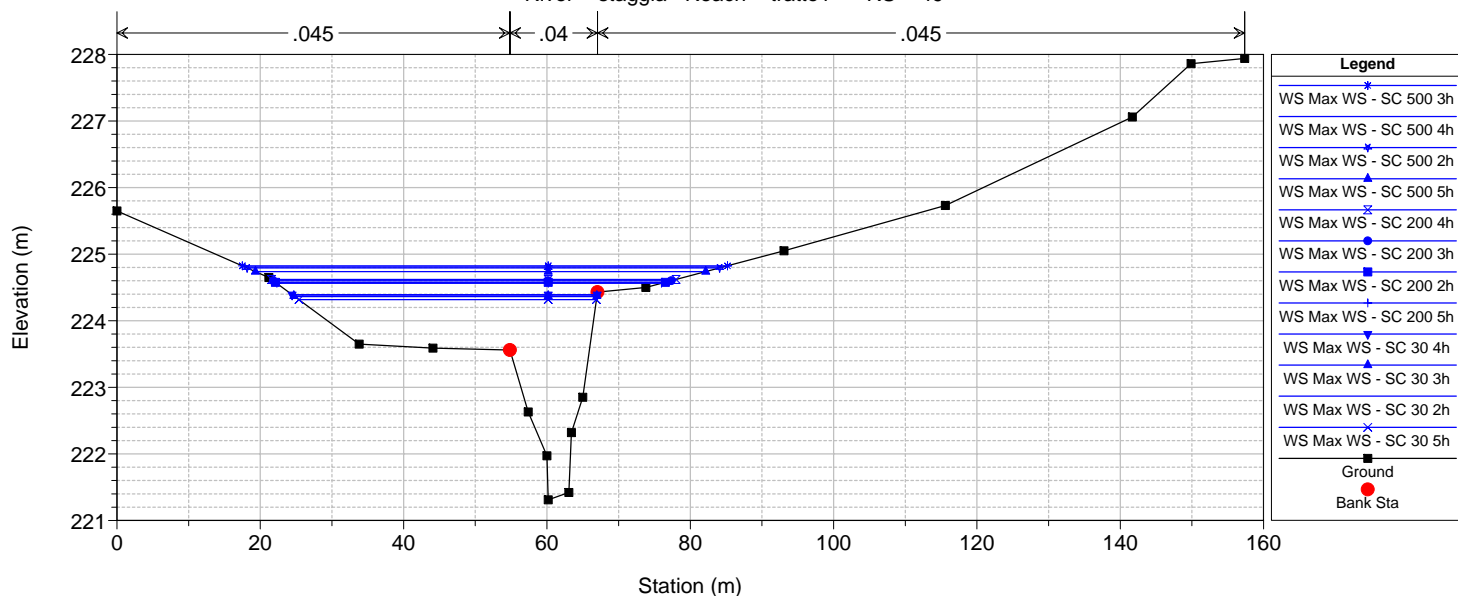
1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2  
River = staggia Reach = tratto1 RS = 50



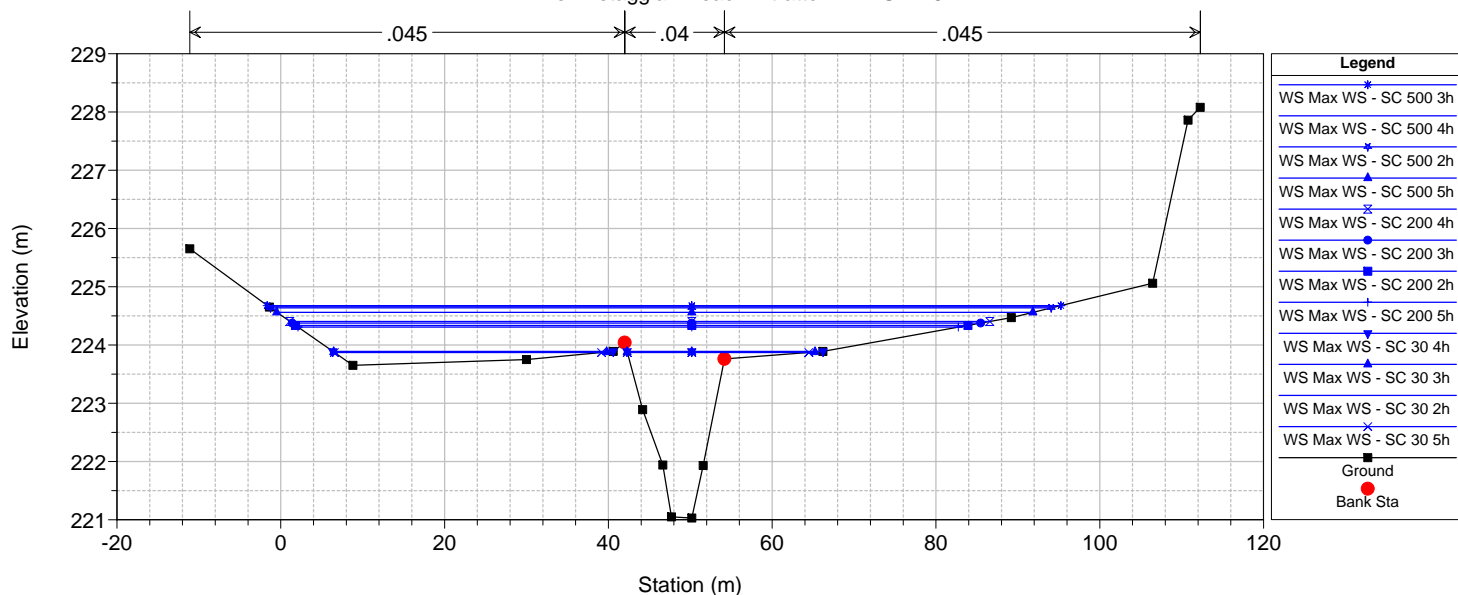
1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2  
River = staggia Reach = tratto1 RS = 49



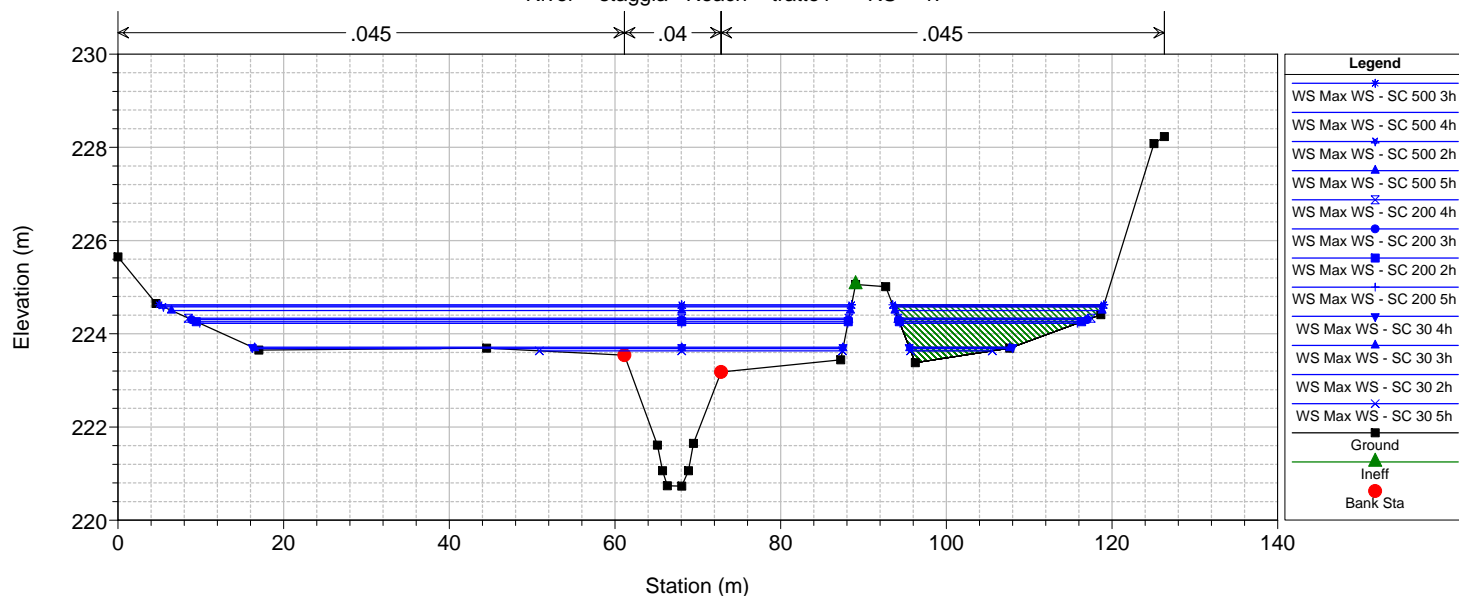
1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2  
River = staggia Reach = tratto1 RS = 48



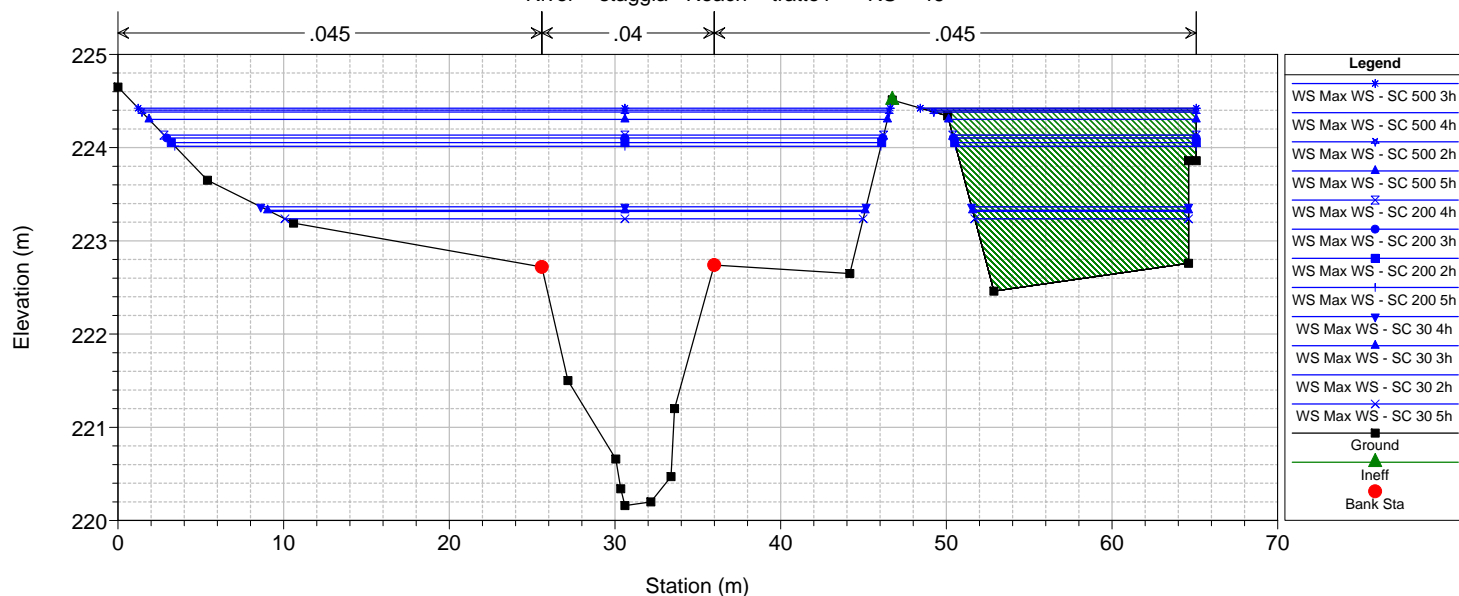
1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2  
River = staggia Reach = tratto1 RS = 47



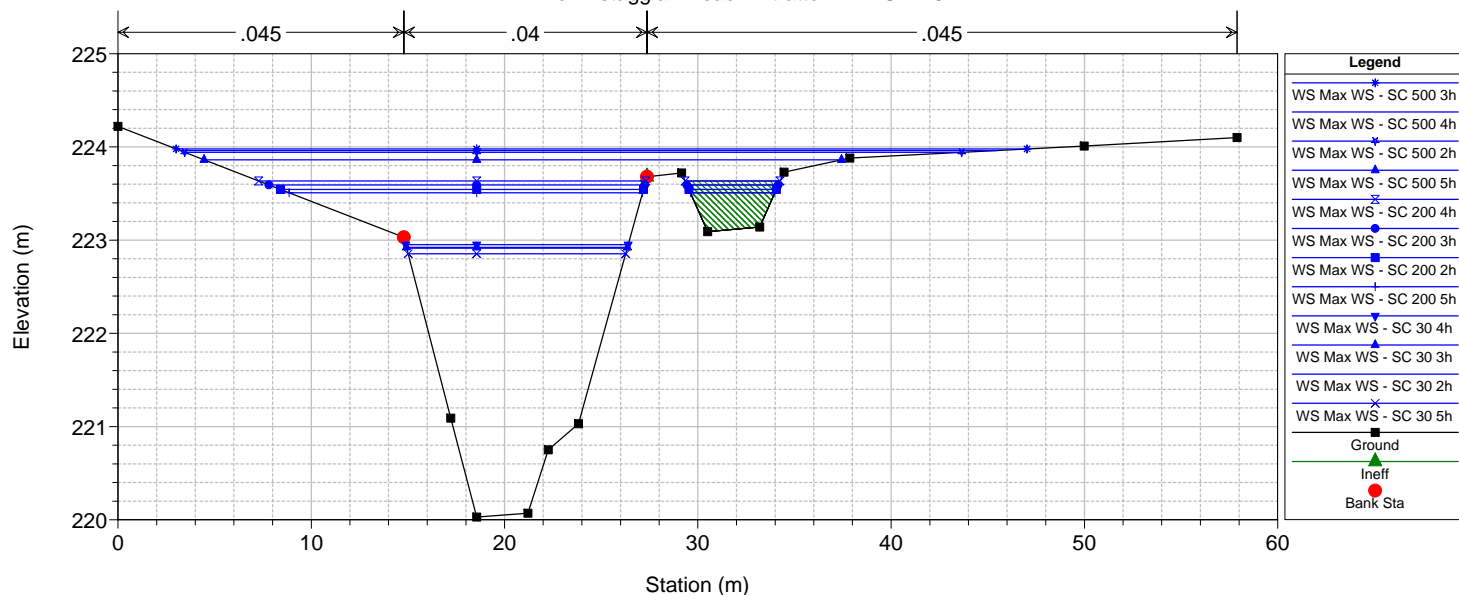
1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2  
River = staggia Reach = tratto1 RS = 46



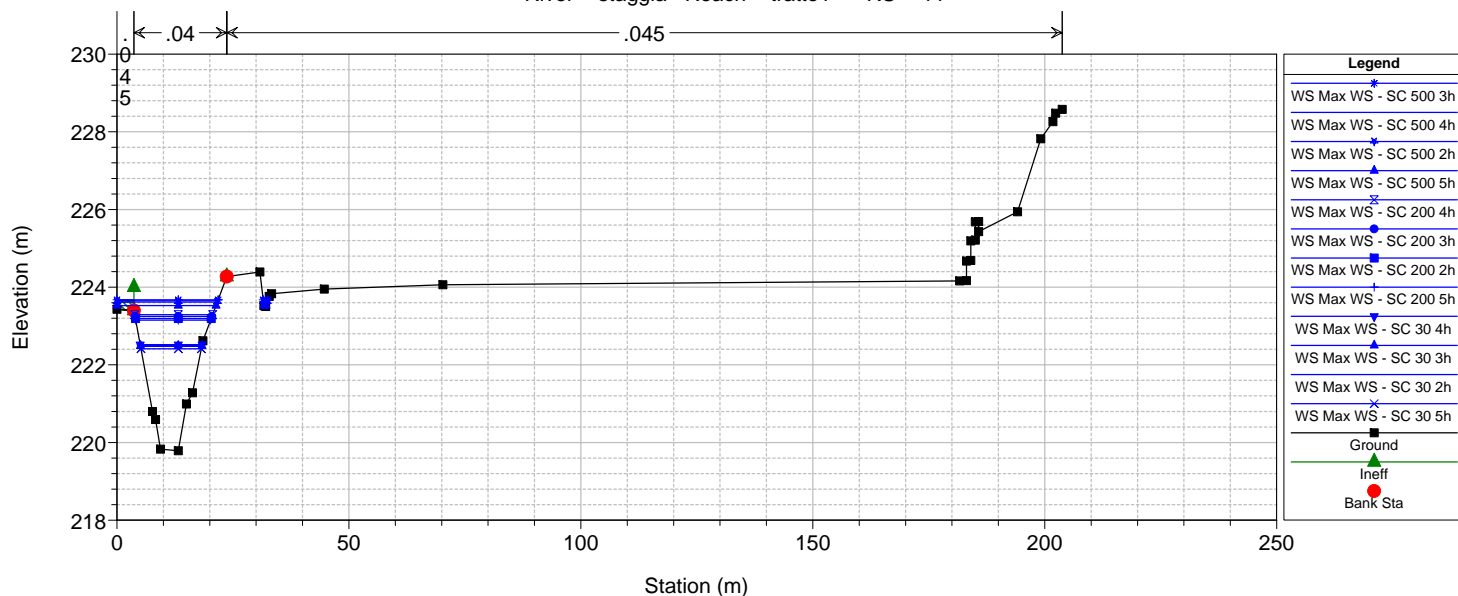
1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2  
River = staggia Reach = tratto1 RS = 45



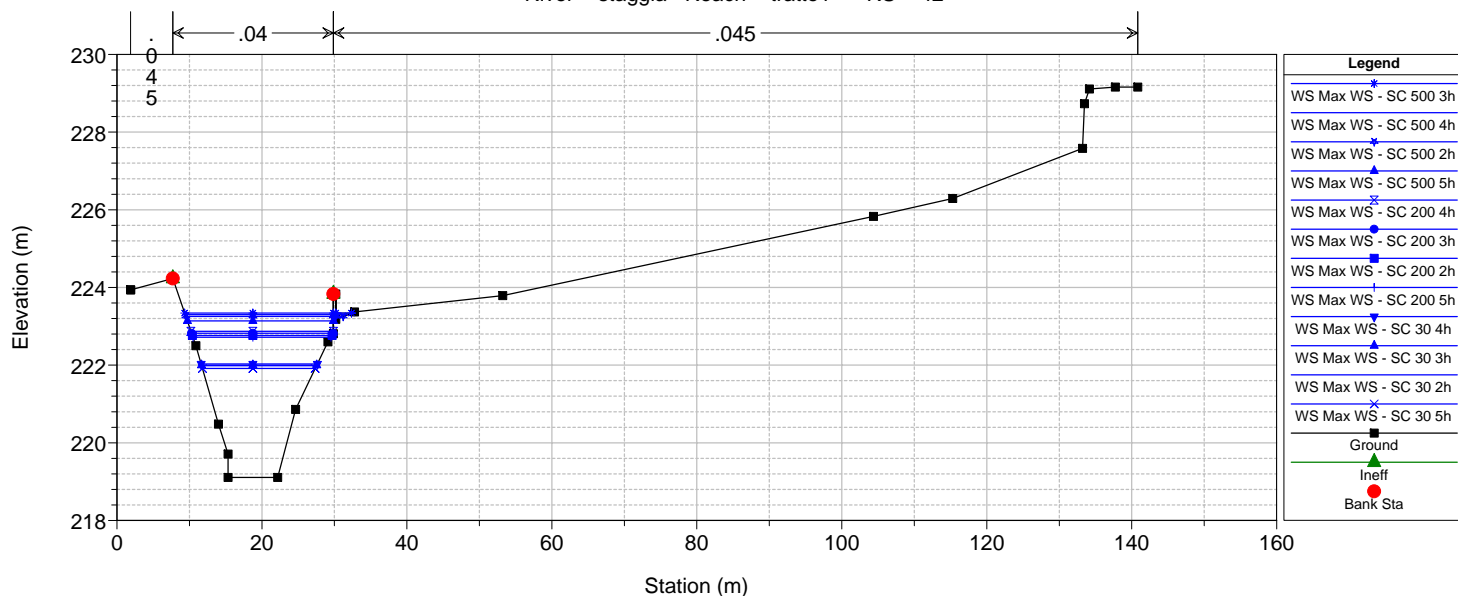
1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2  
River = staggia Reach = tratto1 RS = 44



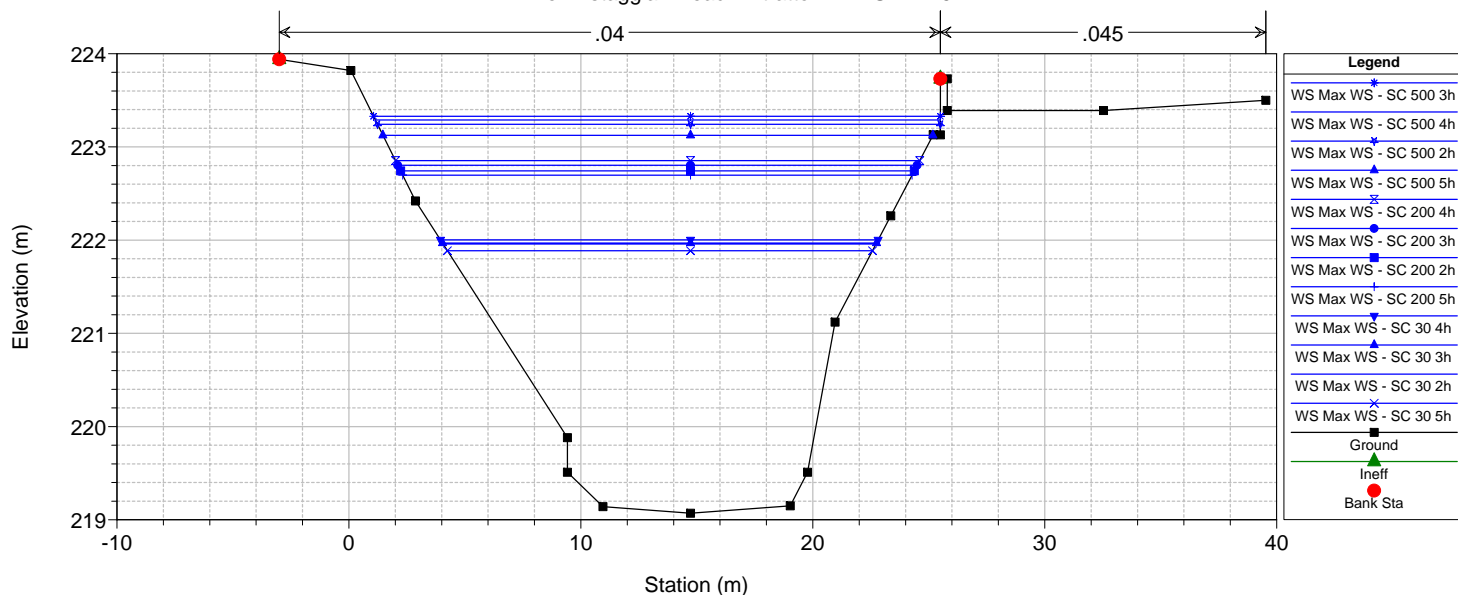
1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2  
River = staggia Reach = tratto1 RS = 42



1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2  
River = staggia Reach = tratto1 RS = 41.5

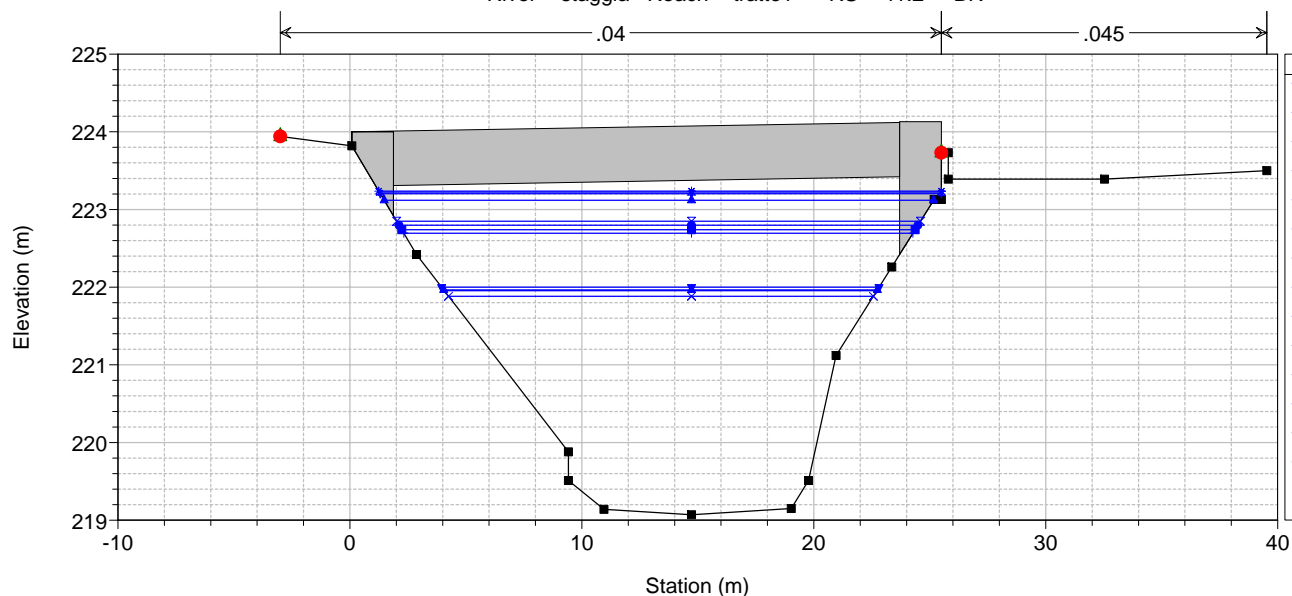




1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2

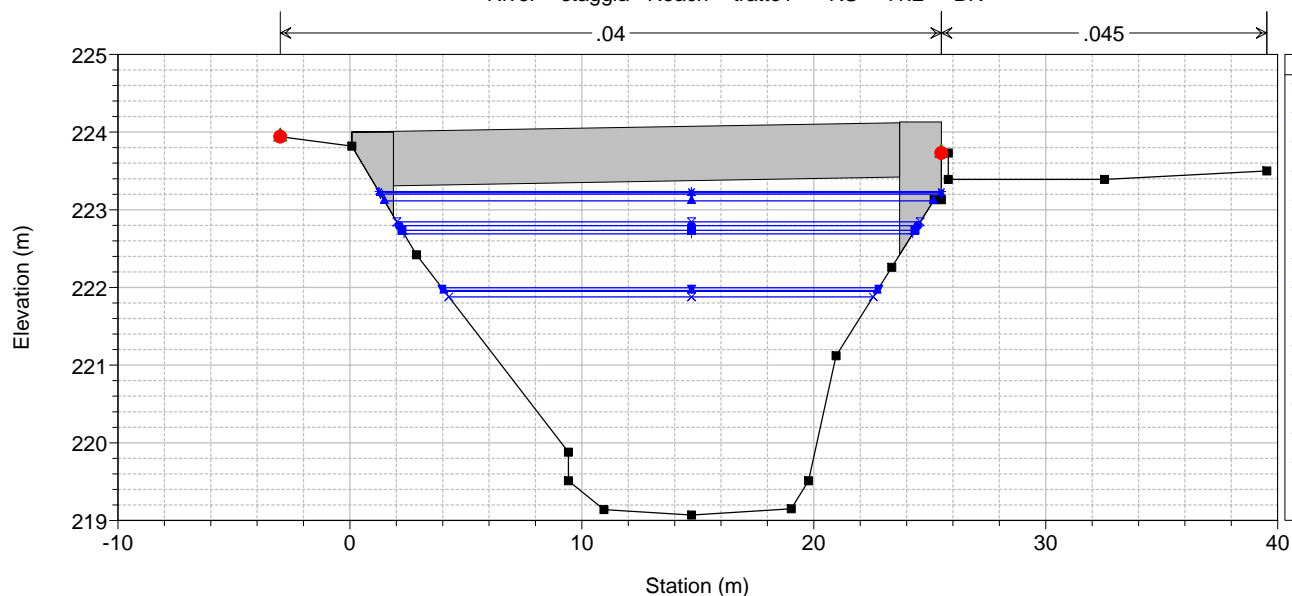
River = staggia Reach = tratto1 RS = 41.2 BR



1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2

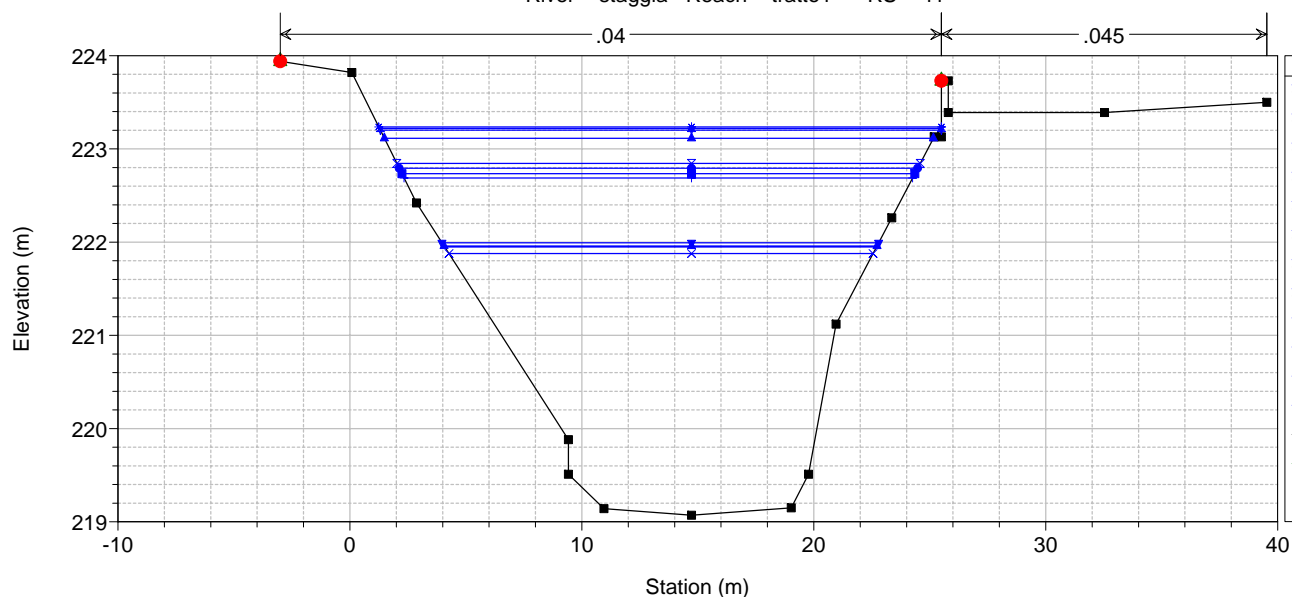
River = staggia Reach = tratto1 RS = 41.2 BR



1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

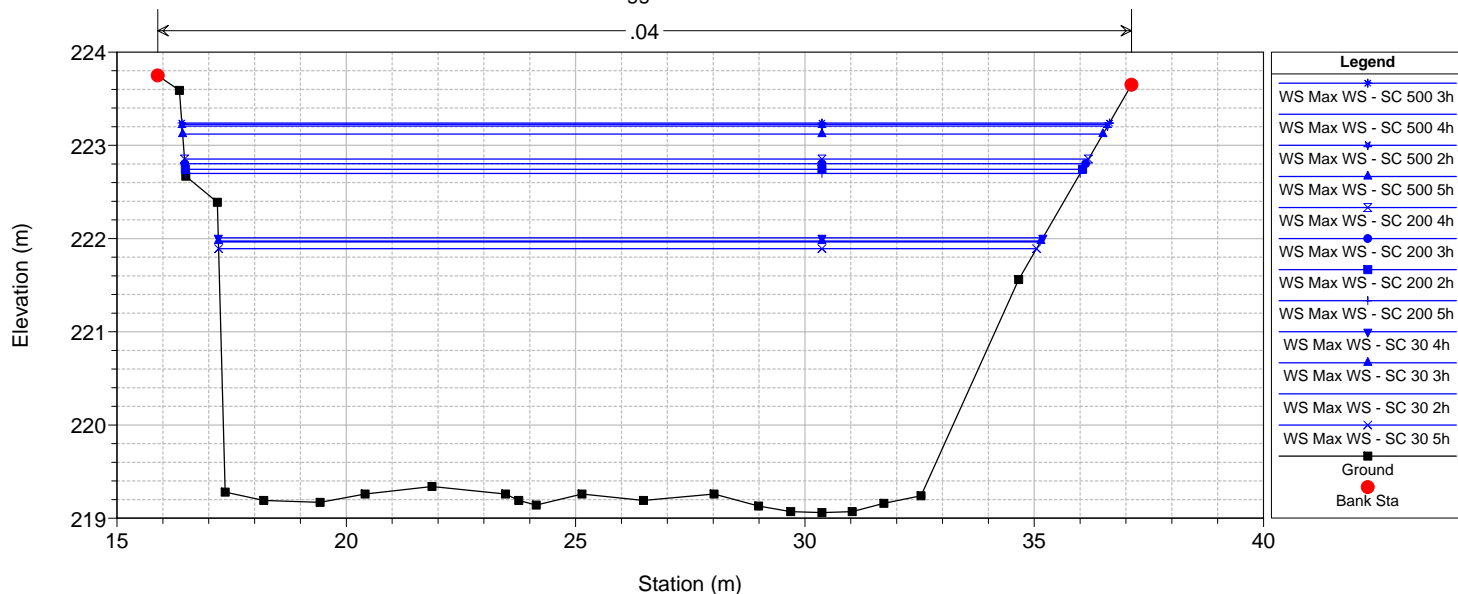
Geom: geometria badesse SA2015 2

River = staggia Reach = tratto1 RS = 41



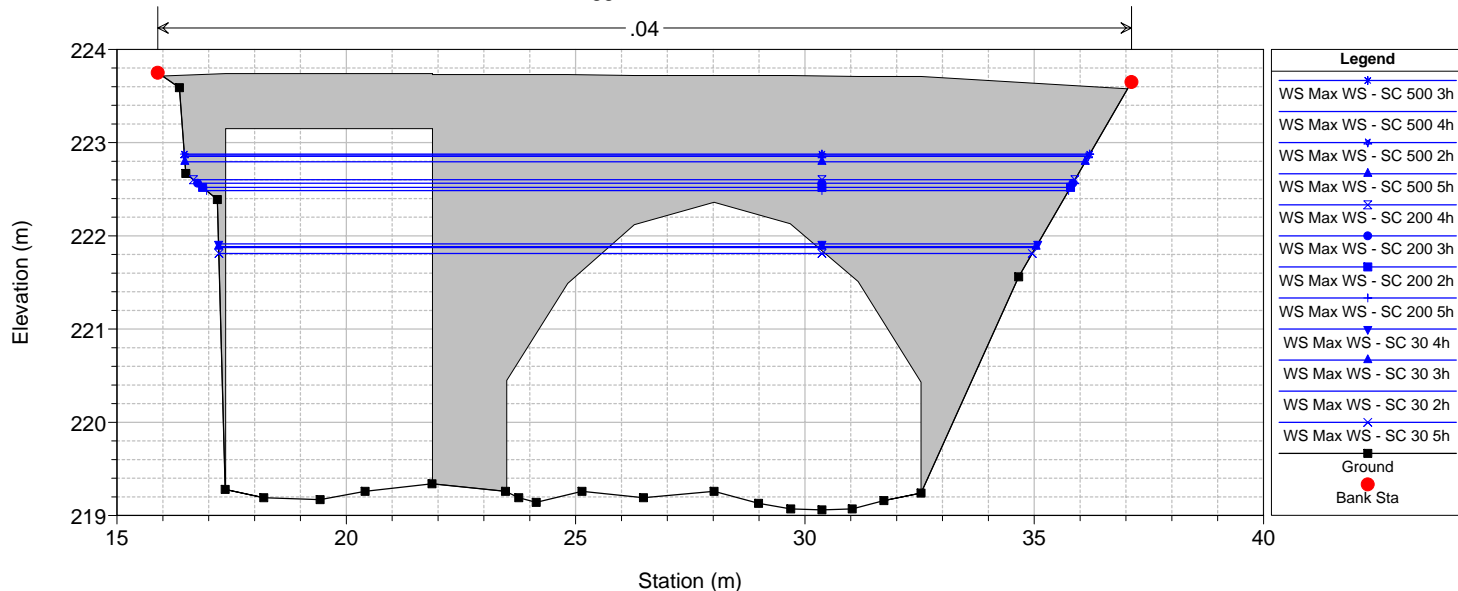
1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2  
River = staggia Reach = tratto1 RS = 40



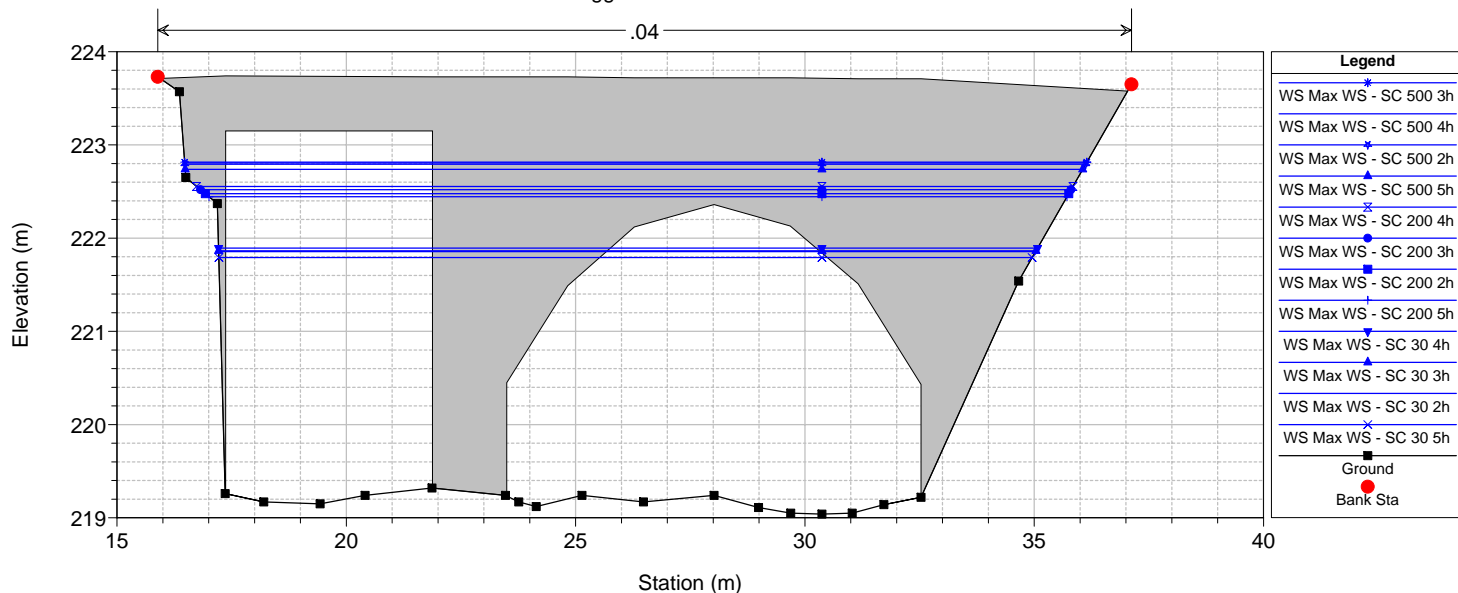
1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2  
River = staggia Reach = tratto1 RS = 39 BR



1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

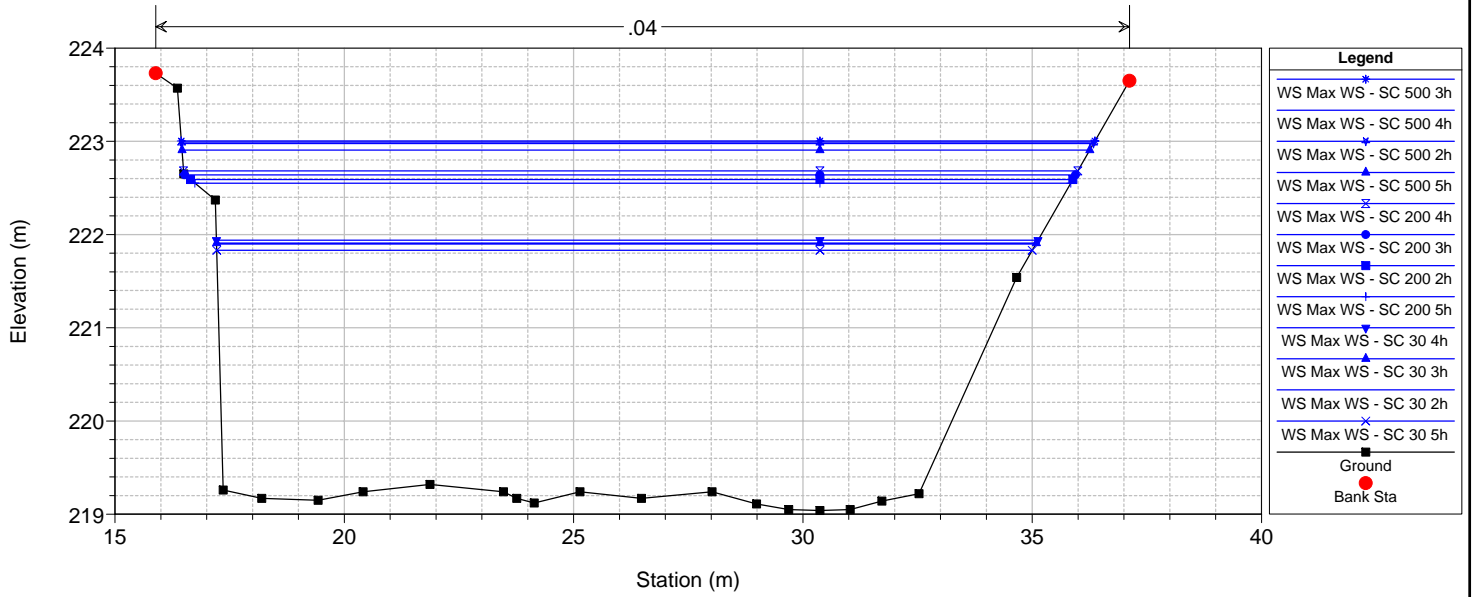
Geom: geometria badesse SA2015 2  
River = staggia Reach = tratto1 RS = 39 BR





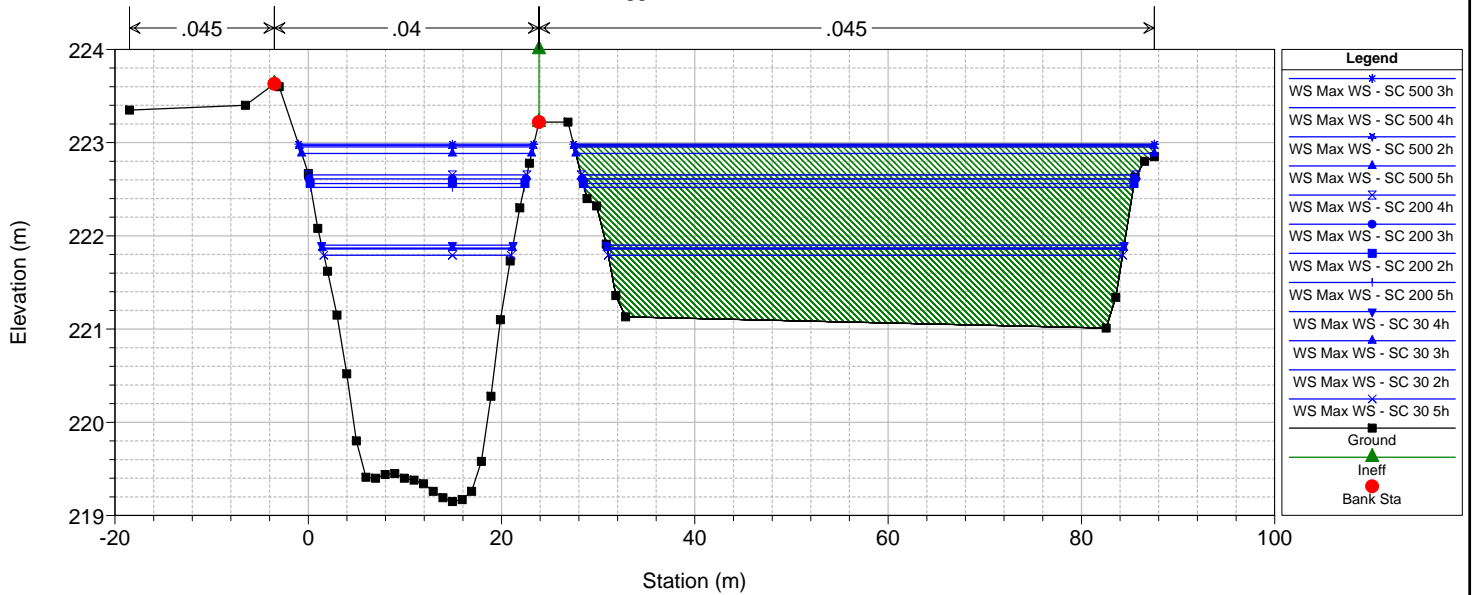
1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2  
River = staggia Reach = tratto1 RS = 38



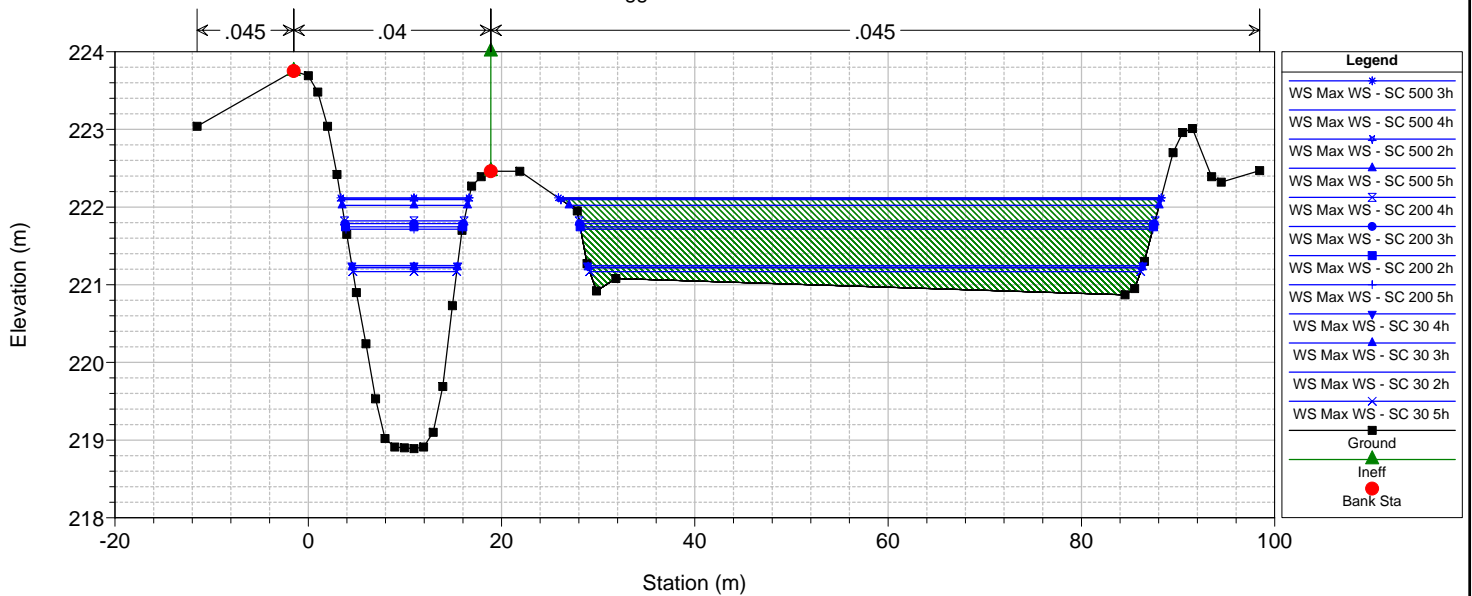
1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2  
River = staggia Reach = tratto1 RS = 37



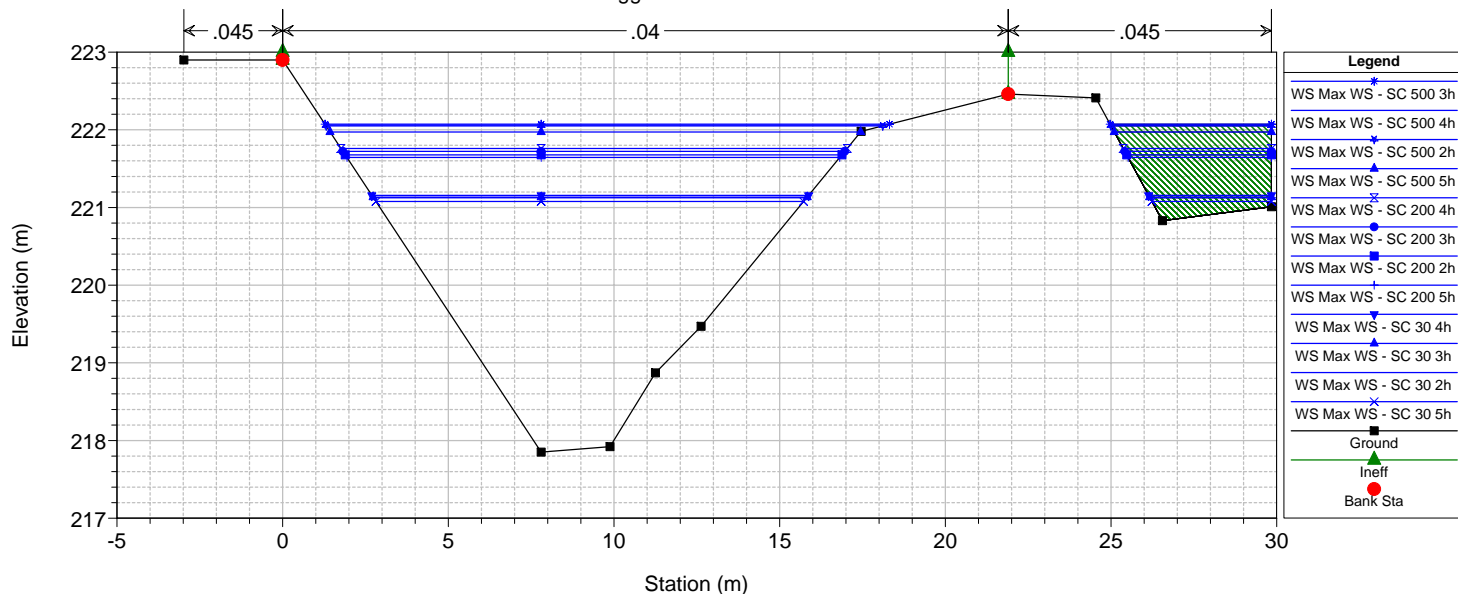
1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2  
River = staggia Reach = tratto1 RS = 36



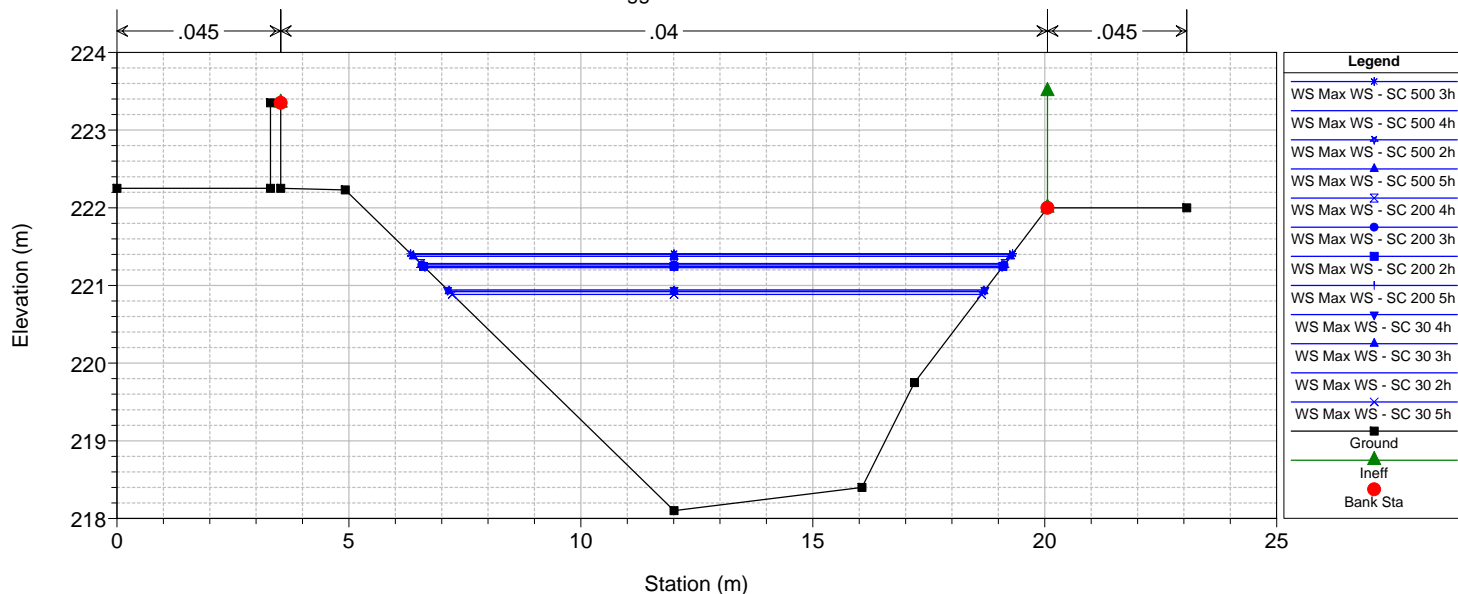
1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2  
River = staggia Reach = tratto1 RS = 35.5



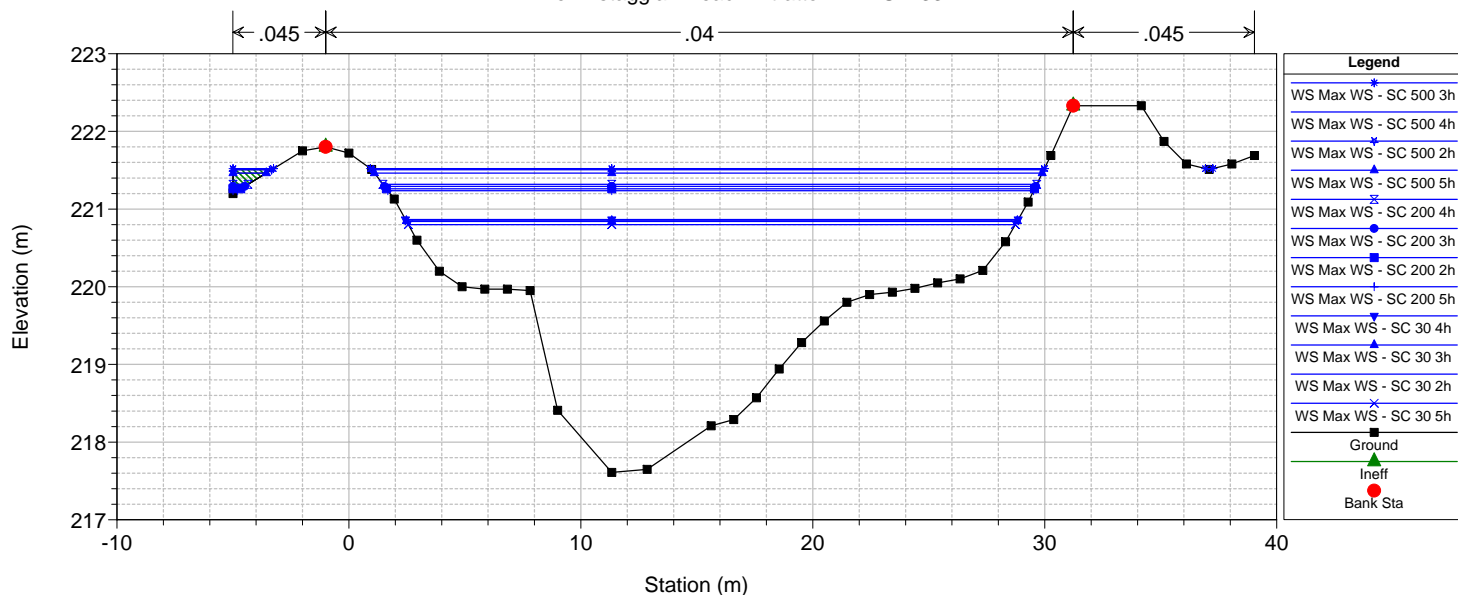
1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2  
River = staggia Reach = tratto1 RS = 35



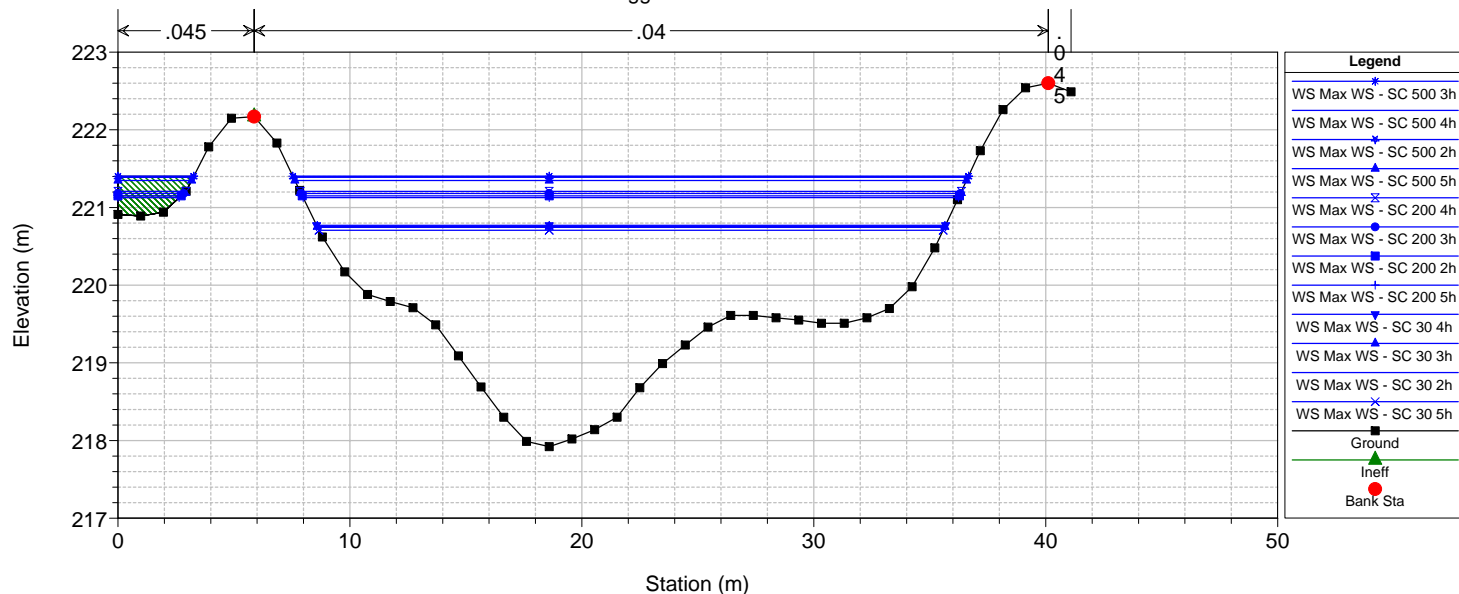
1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2  
River = staggia Reach = tratto1 RS = 33



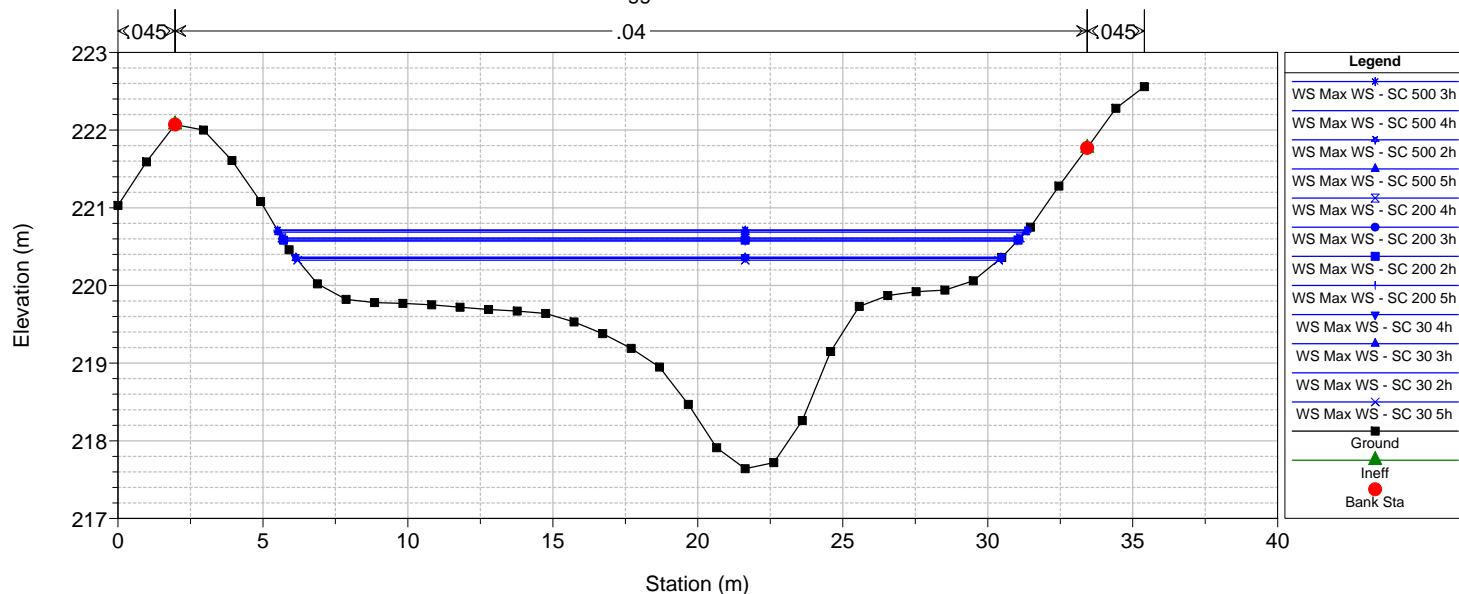
1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2  
River = staggia Reach = tratto1 RS = 32



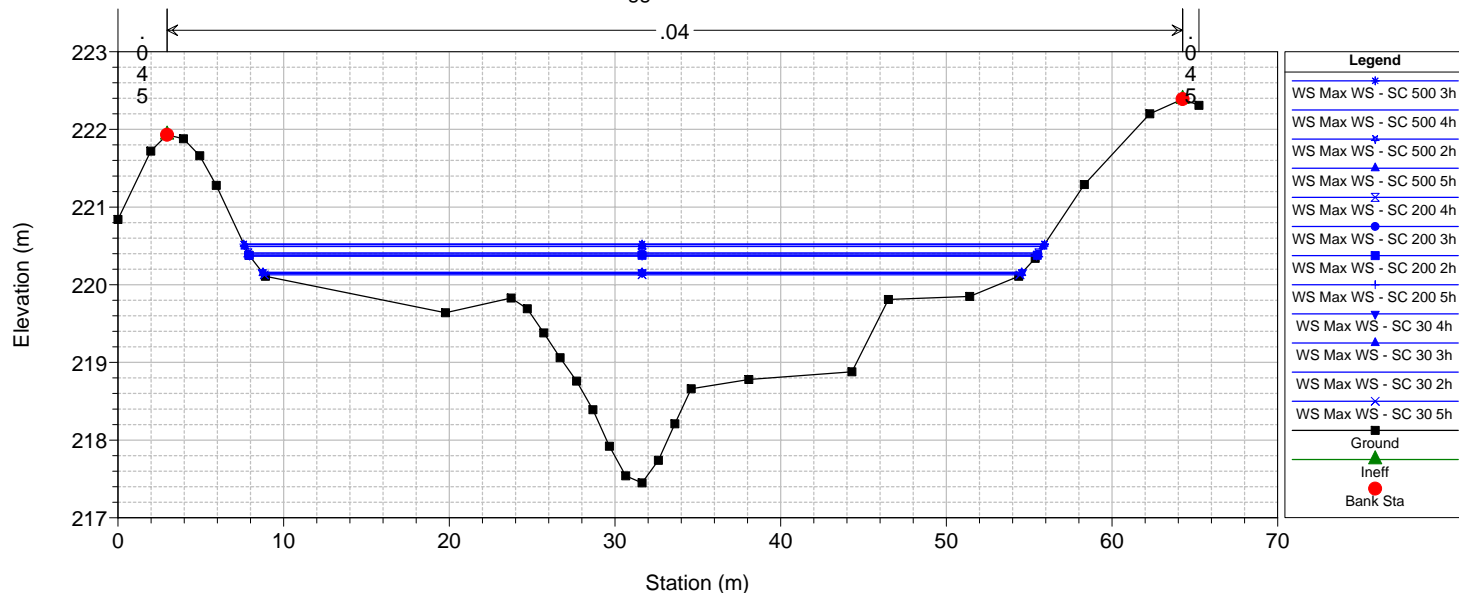
1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2  
River = staggia Reach = tratto1 RS = 31



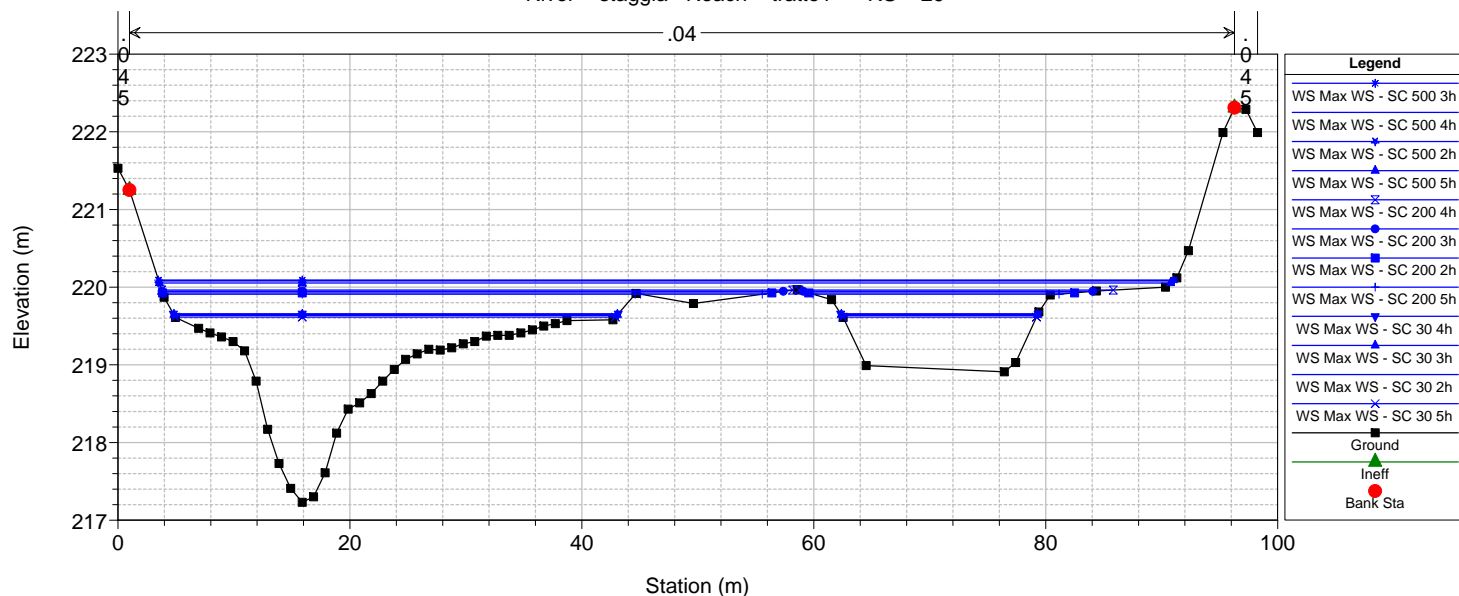
1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2  
River = staggia Reach = tratto1 RS = 30



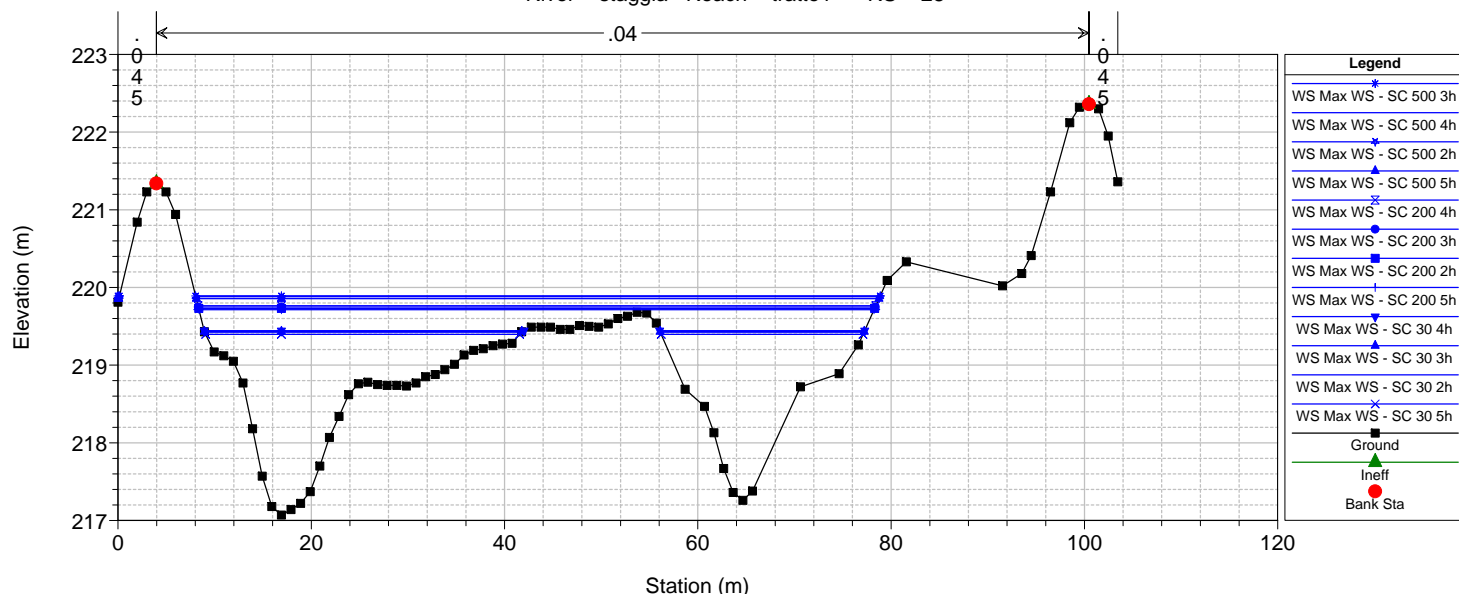
1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2  
River = staggia Reach = tratto1 RS = 29



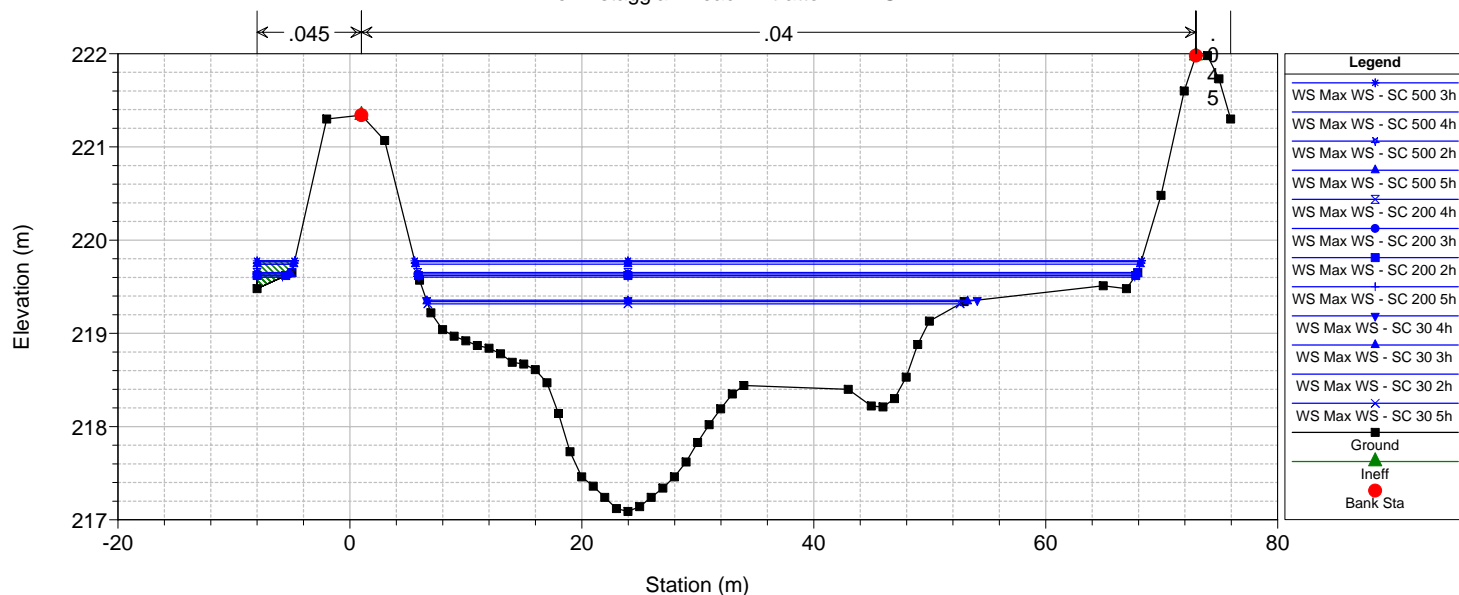
1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2  
River = staggia Reach = tratto1 RS = 28



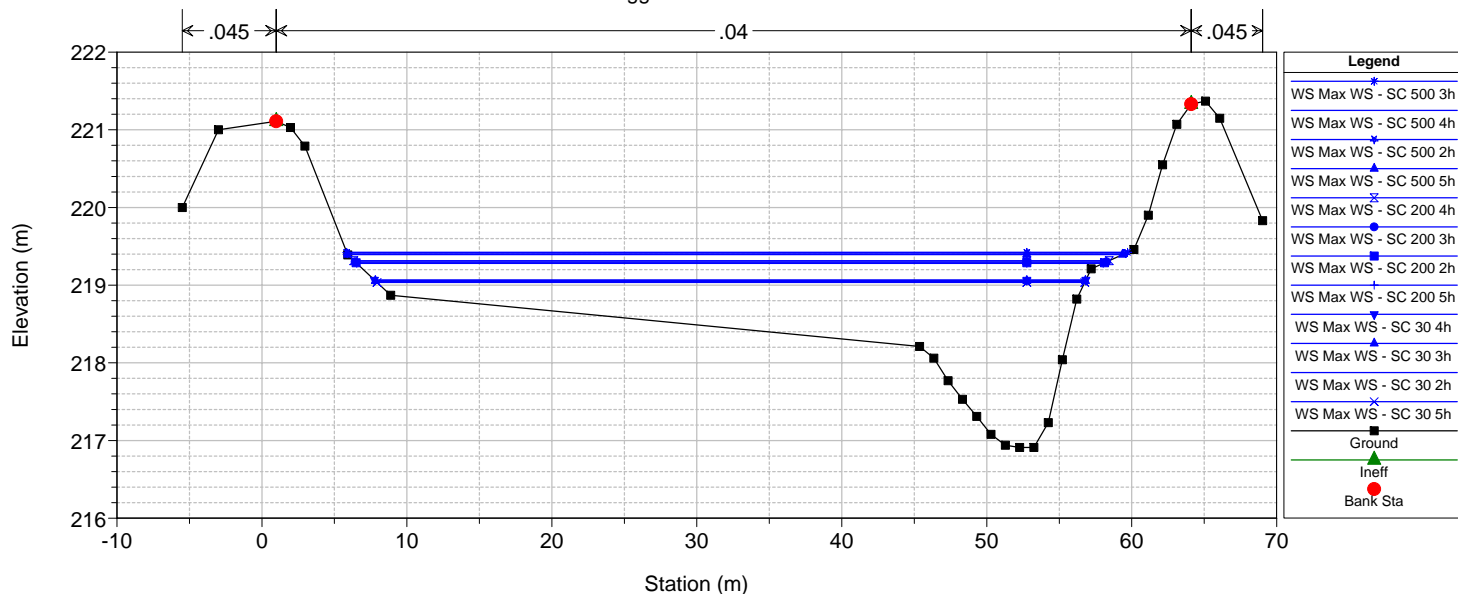
1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2  
River = staggia Reach = tratto1 RS = 27



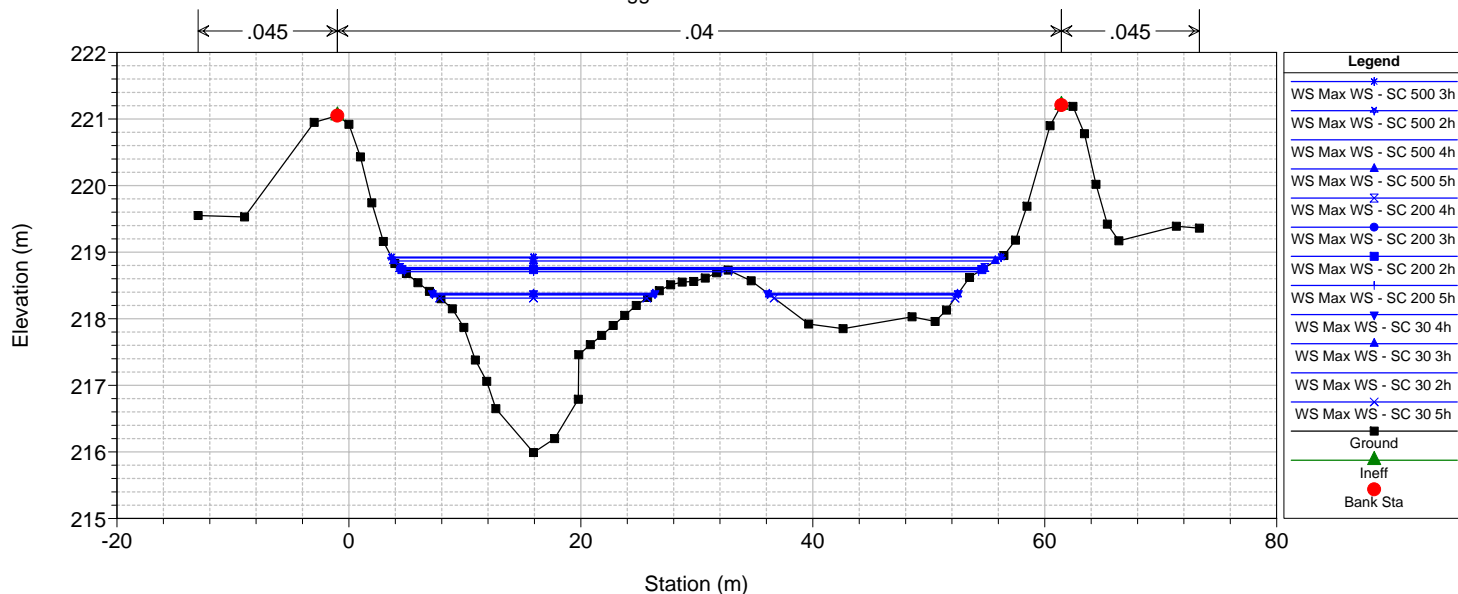
1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2  
River = staggia Reach = tratto1 RS = 26



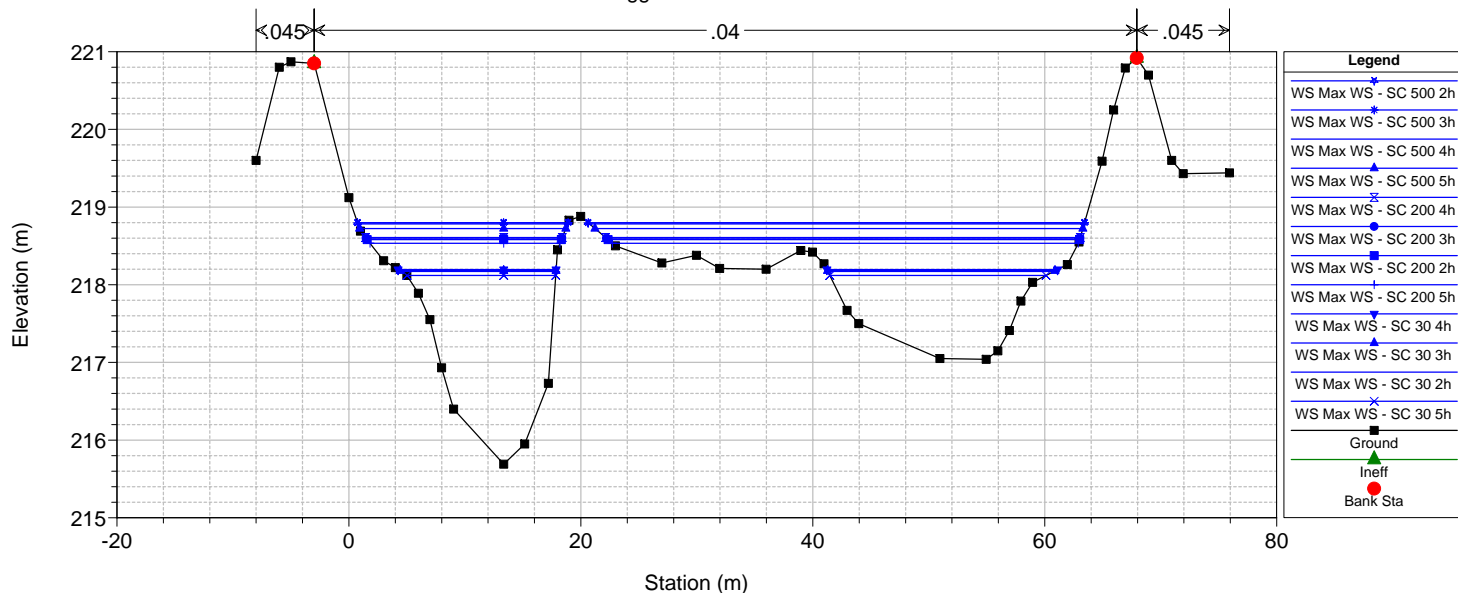
1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2  
River = staggia Reach = tratto1 RS = 25



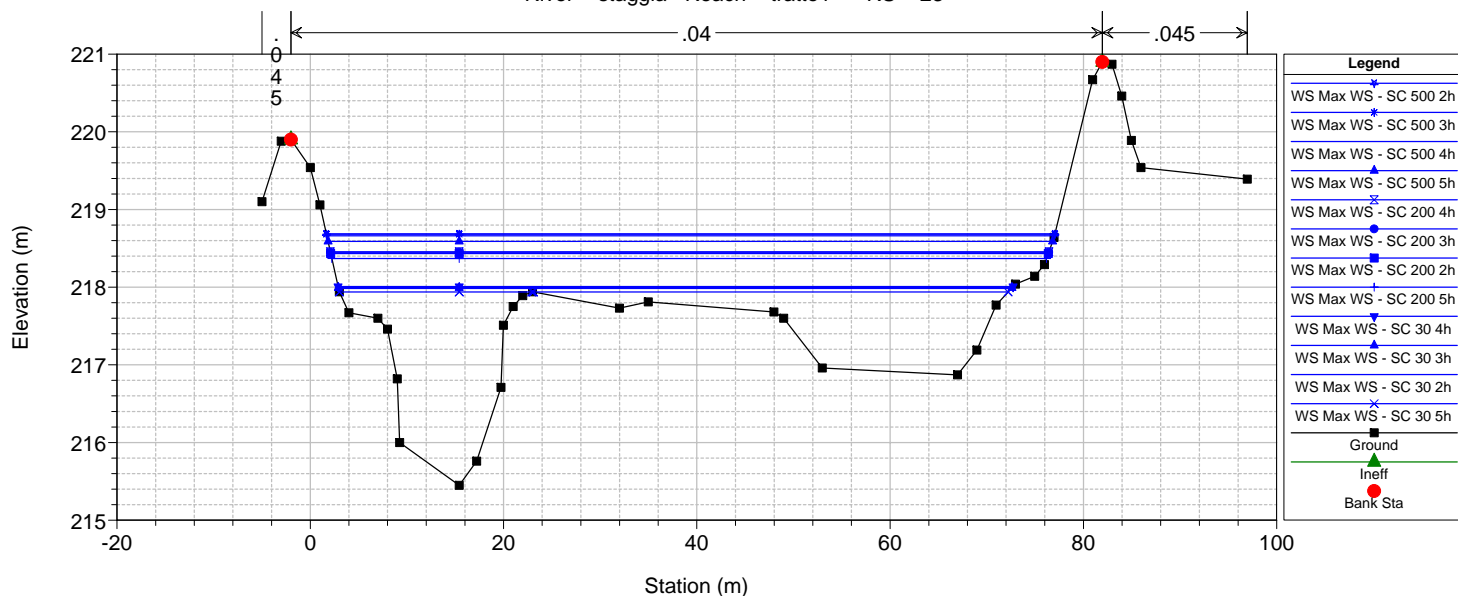
1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2  
River = staggia Reach = tratto1 RS = 24



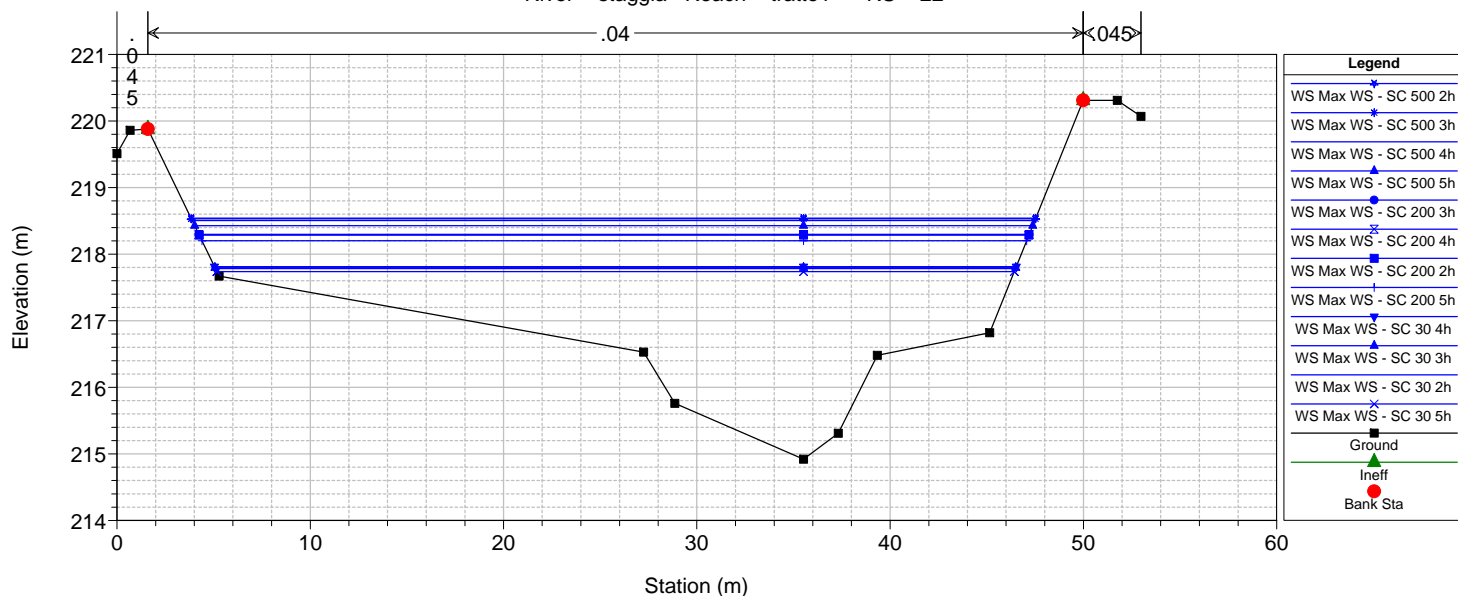
1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2  
River = staggia Reach = tratto1 RS = 23



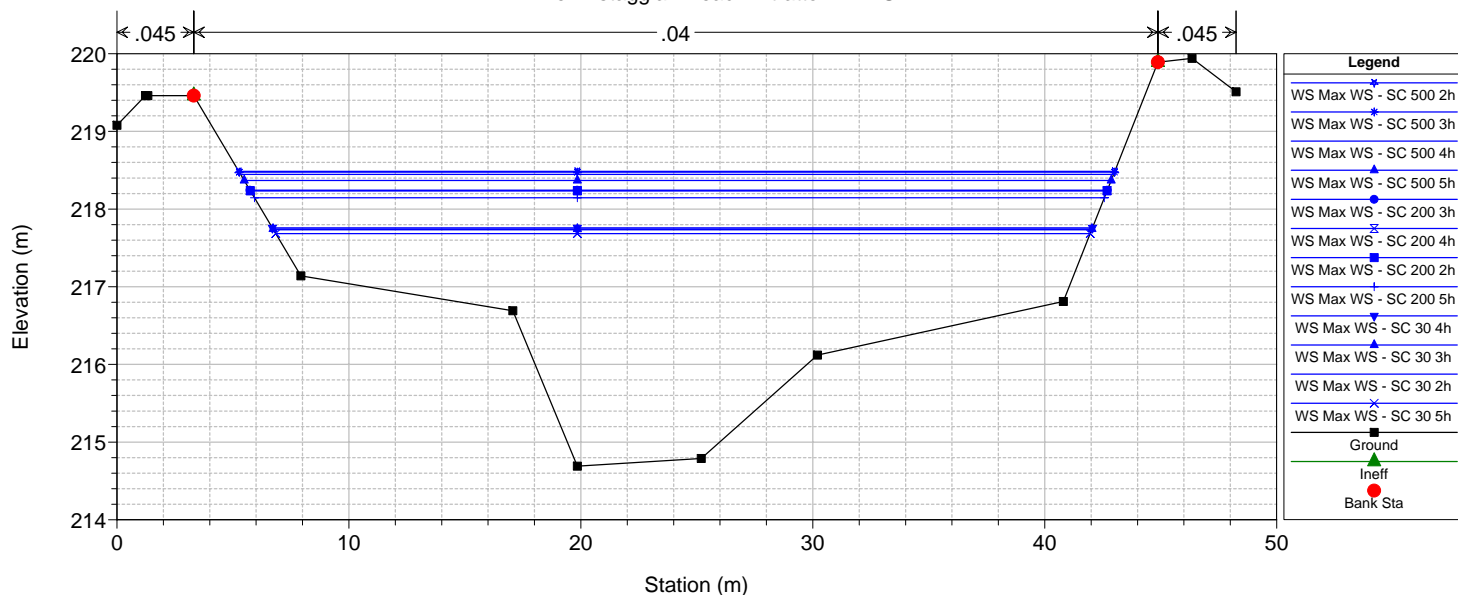
1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2  
River = staggia Reach = tratto1 RS = 22



1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

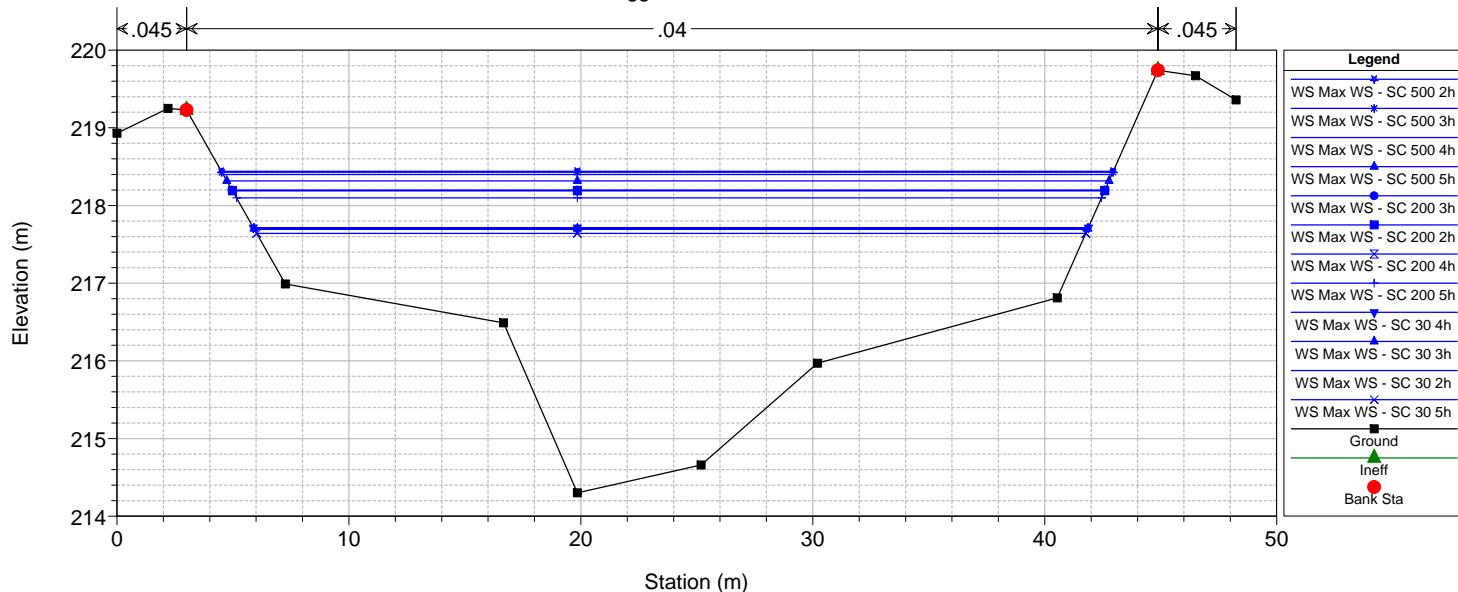
Geom: geometria badesse SA2015 2  
River = staggia Reach = tratto1 RS = 21





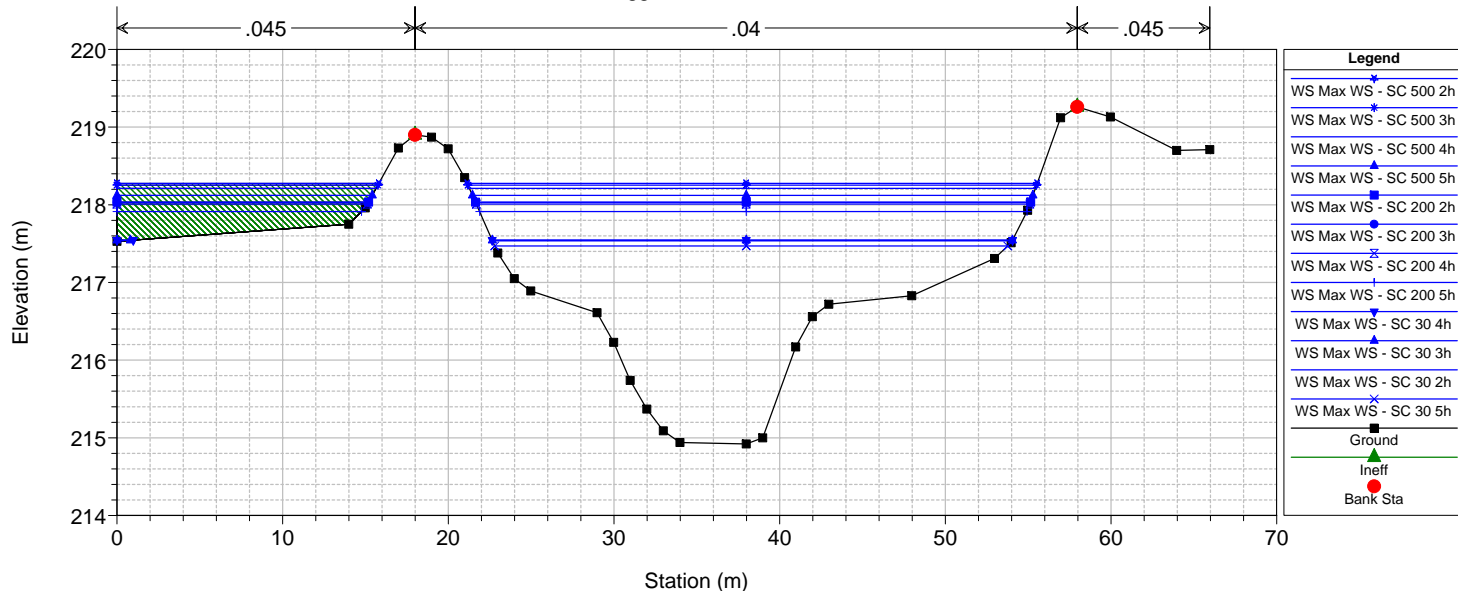
1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2  
River = staggia Reach = tratto1 RS = 20



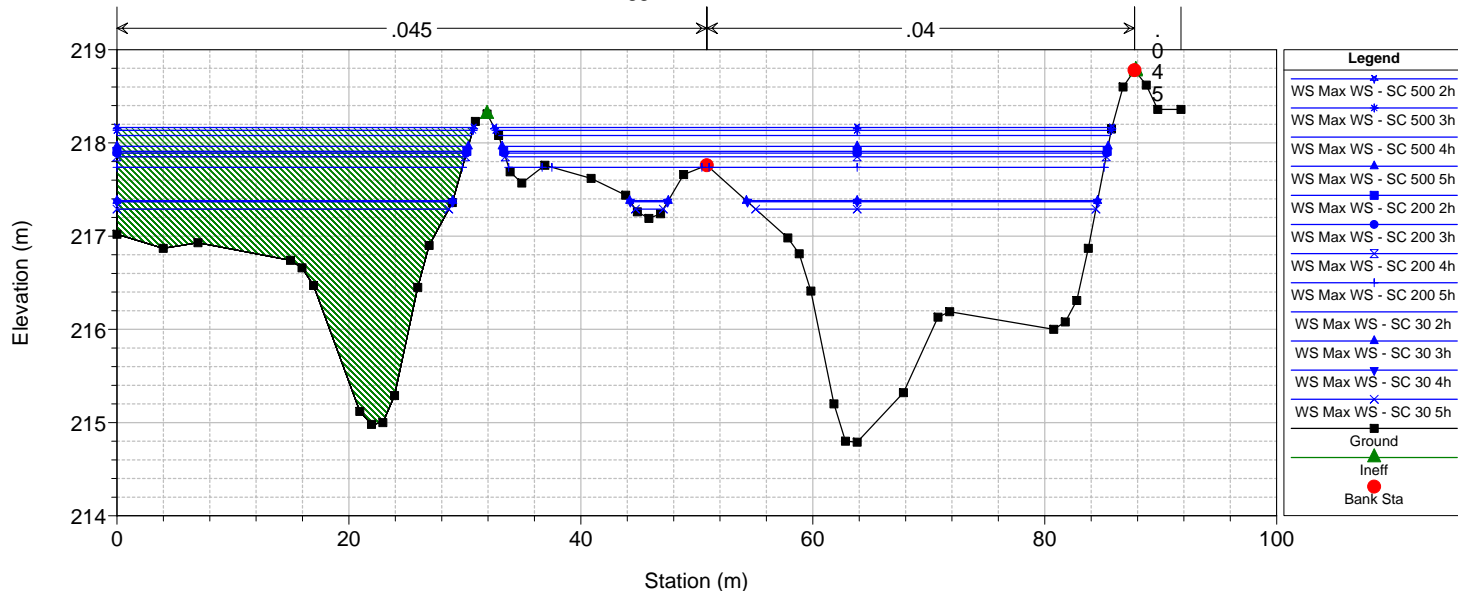
1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2  
River = staggia Reach = tratto1 RS = 19



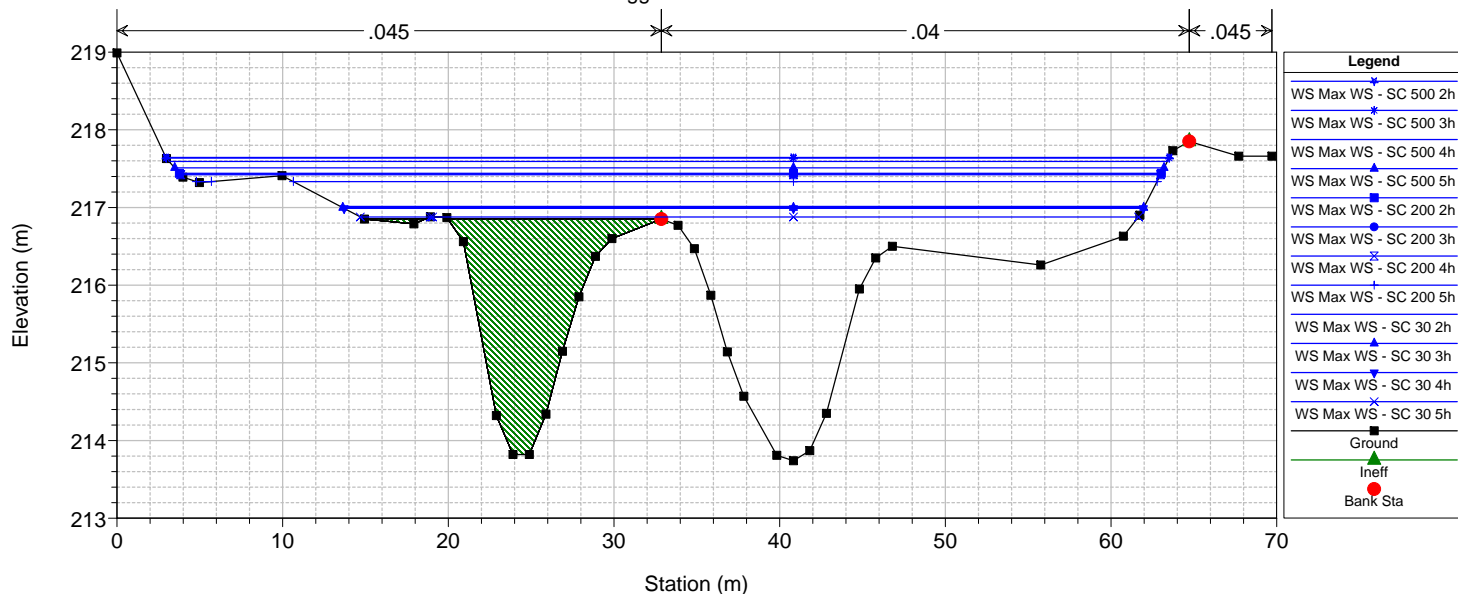
1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2  
River = staggia Reach = tratto1 RS = 18



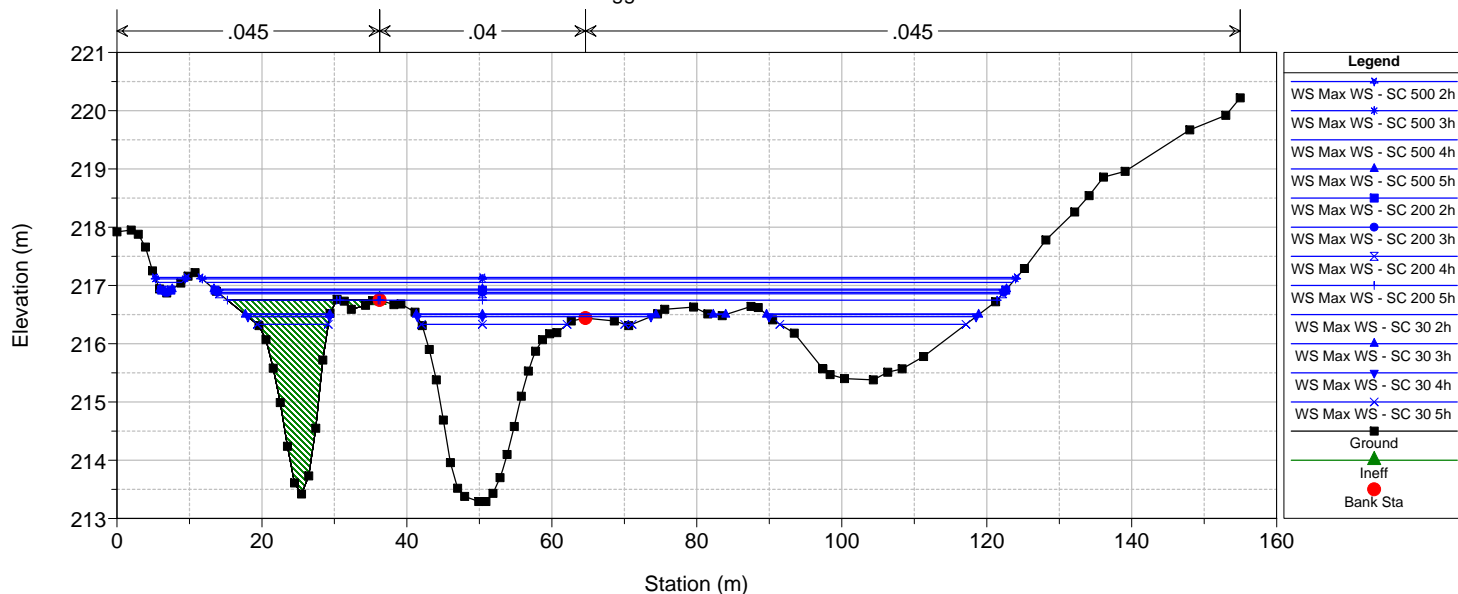
1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2  
River = staggia Reach = tratto1 RS = 17



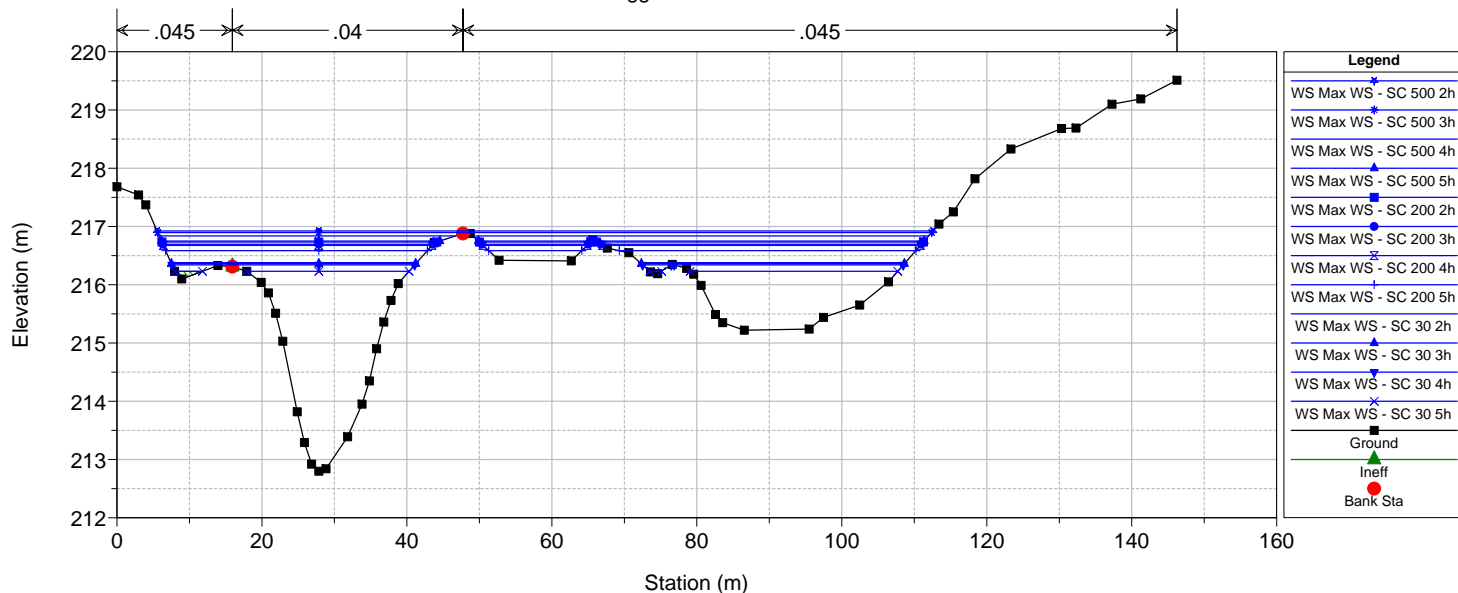
1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2  
River = staggia Reach = tratto1 RS = 16.30



1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

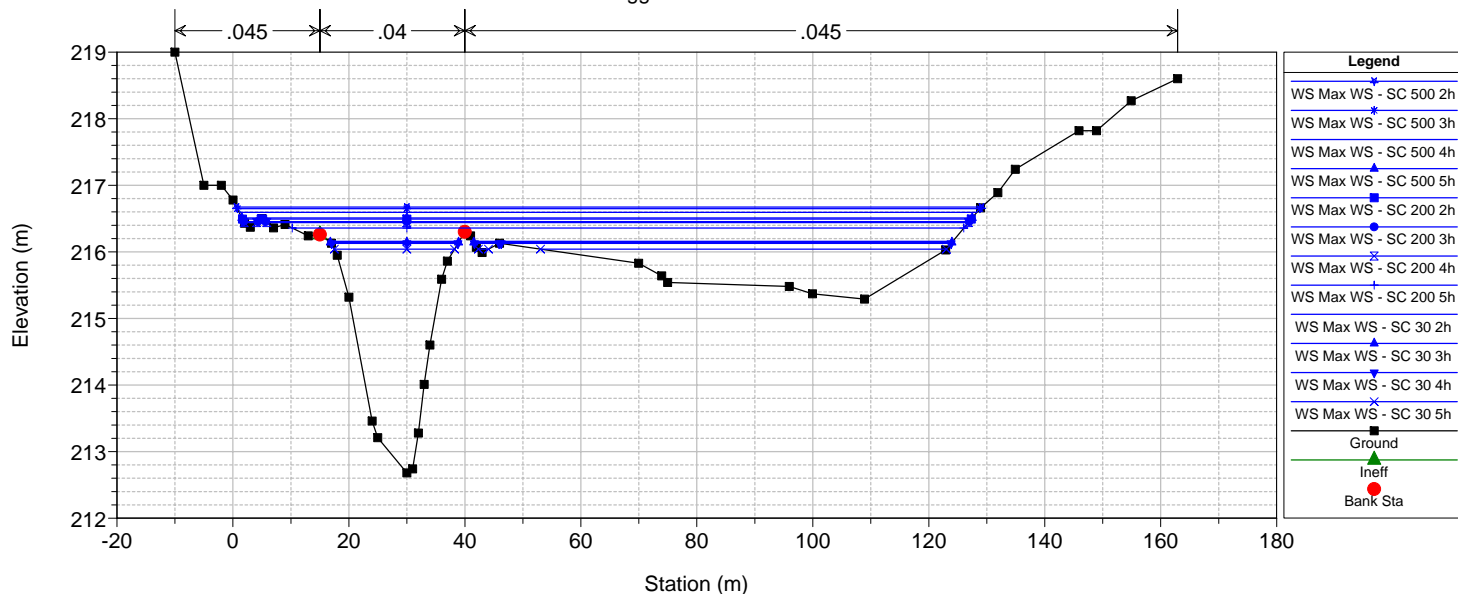
Geom: geometria badesse SA2015 2  
River = staggia Reach = tratto2 RS = 16





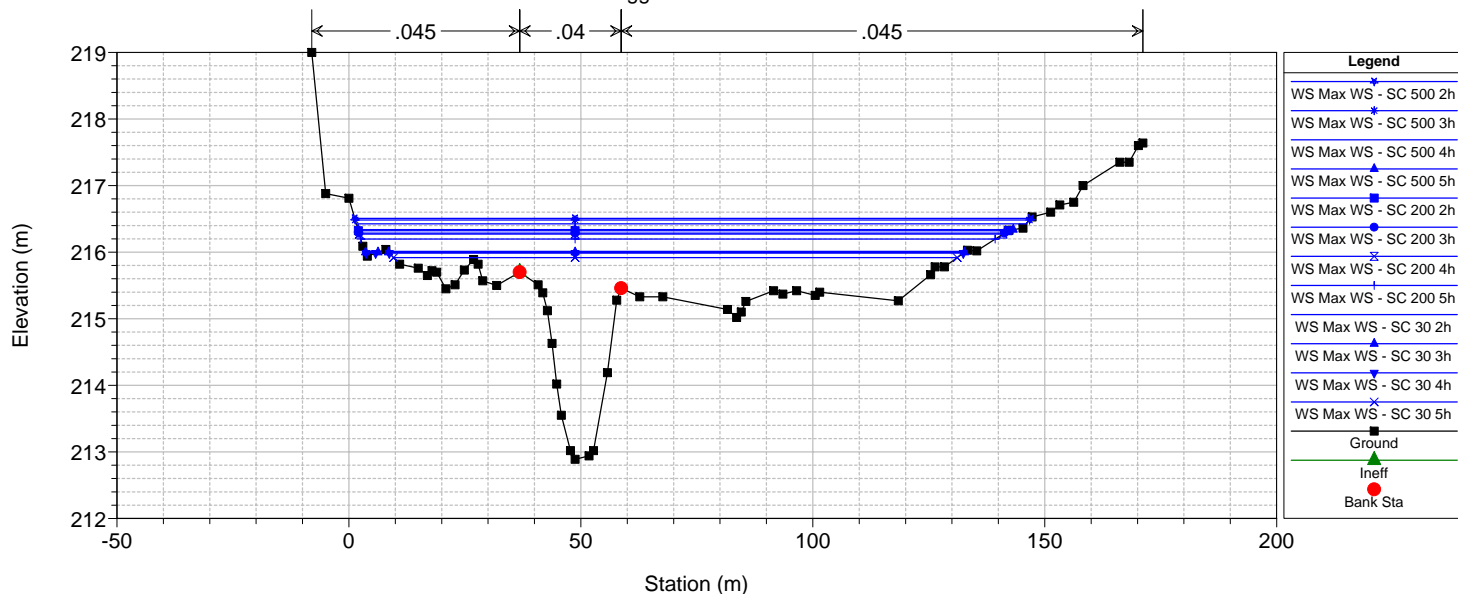
1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2  
River = staggia Reach = tratto2 RS = 15



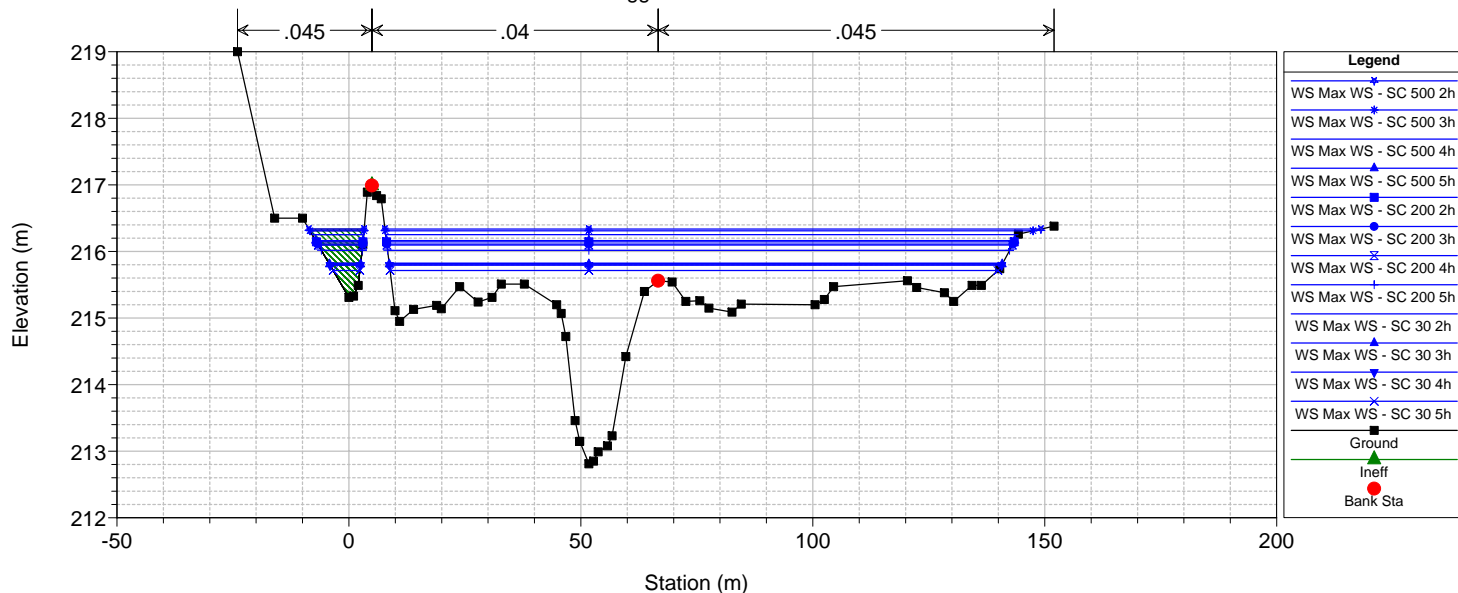
1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2  
River = staggia Reach = tratto2 RS = 14



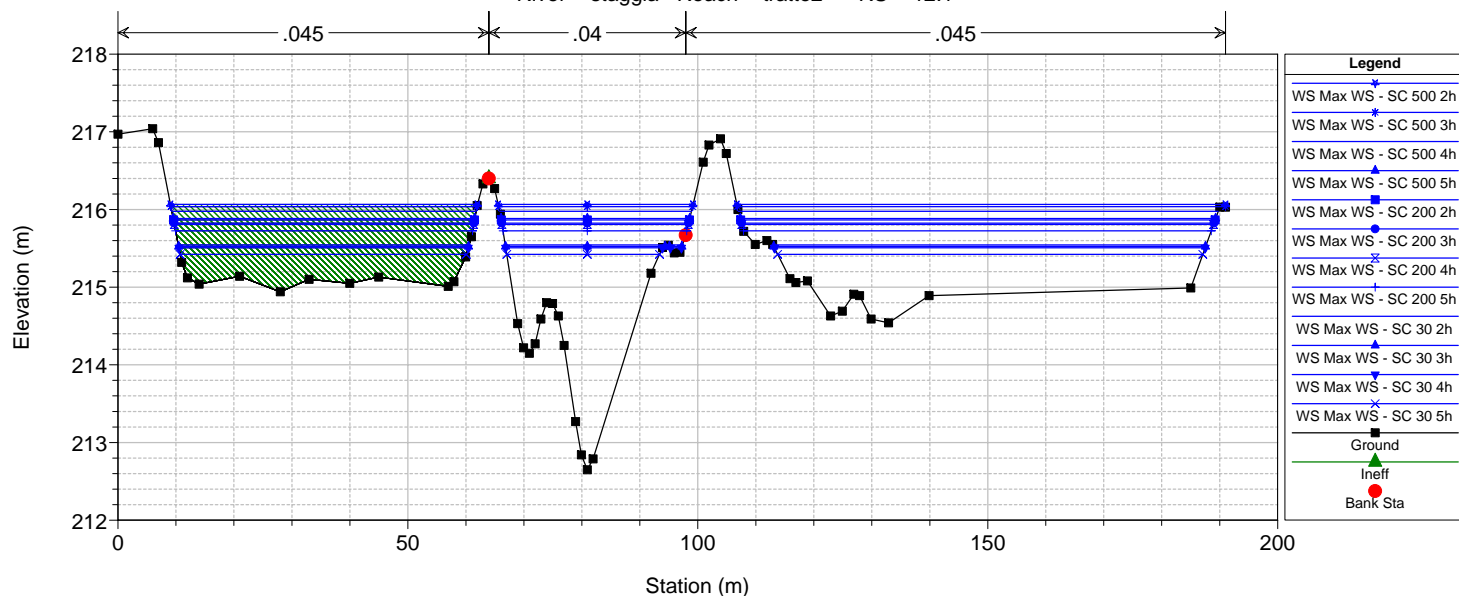
1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2  
River = staggia Reach = tratto2 RS = 13



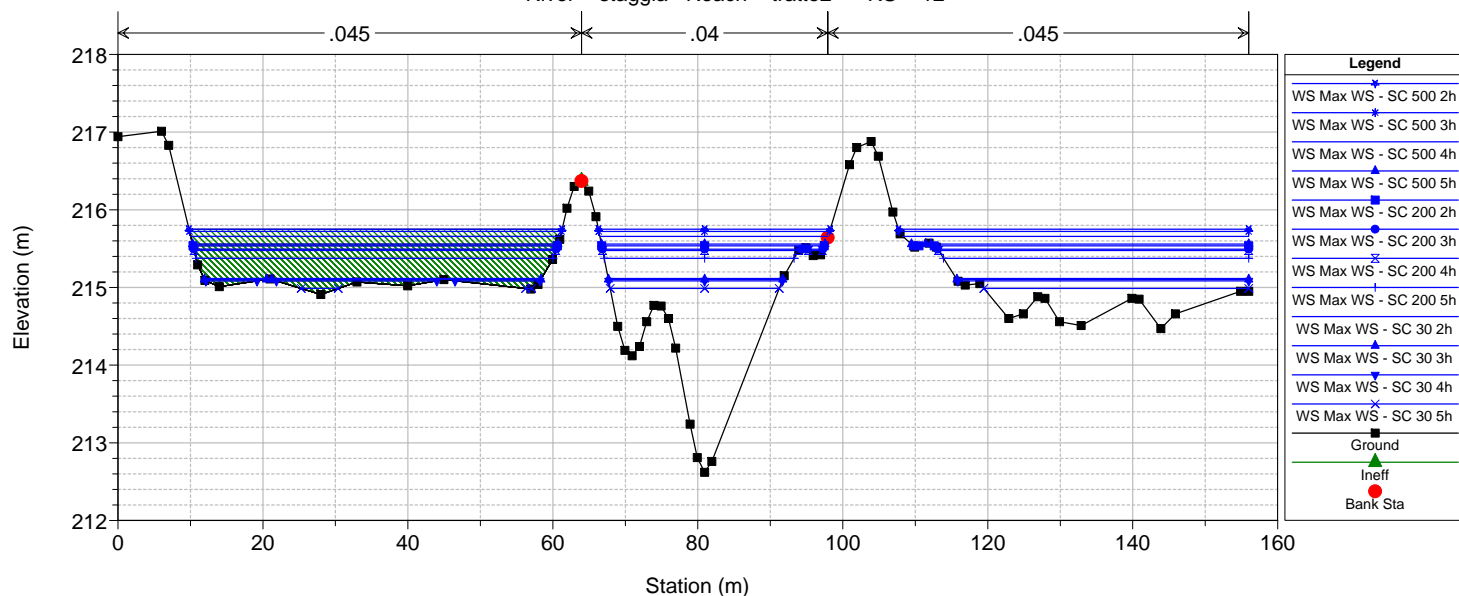
1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2  
River = staggia Reach = tratto2 RS = 12.1



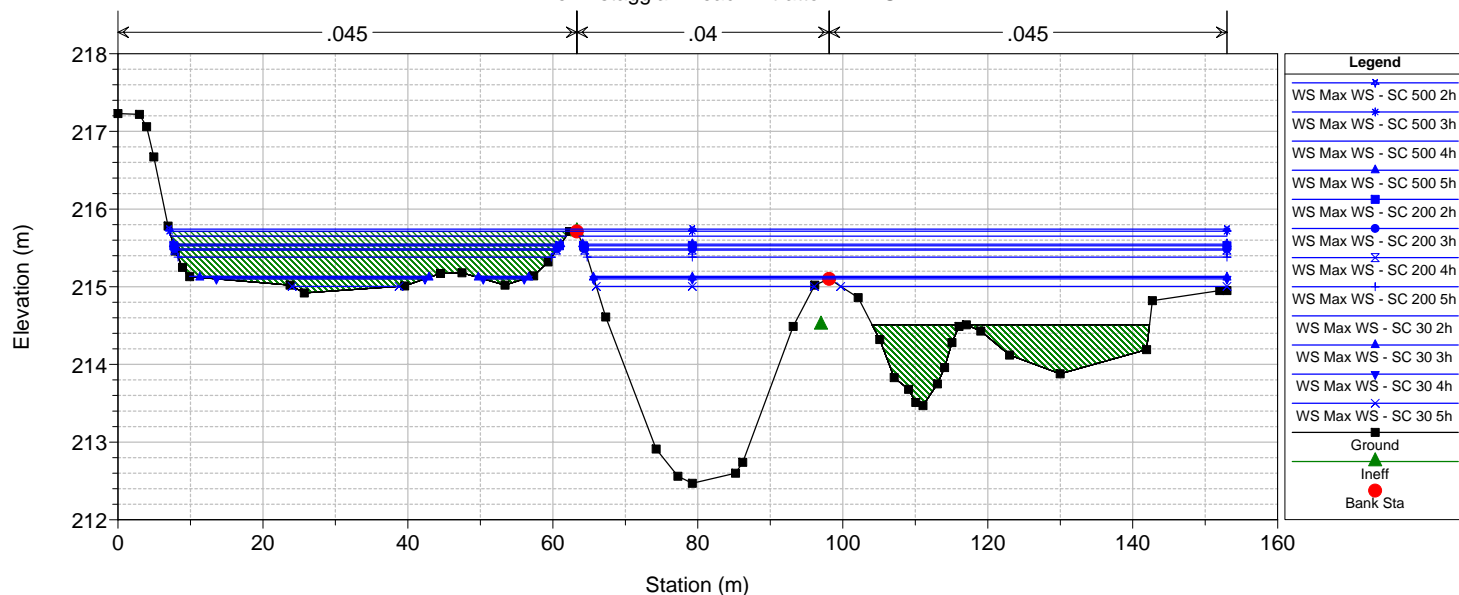
1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2  
River = staggia Reach = tratto2 RS = 12



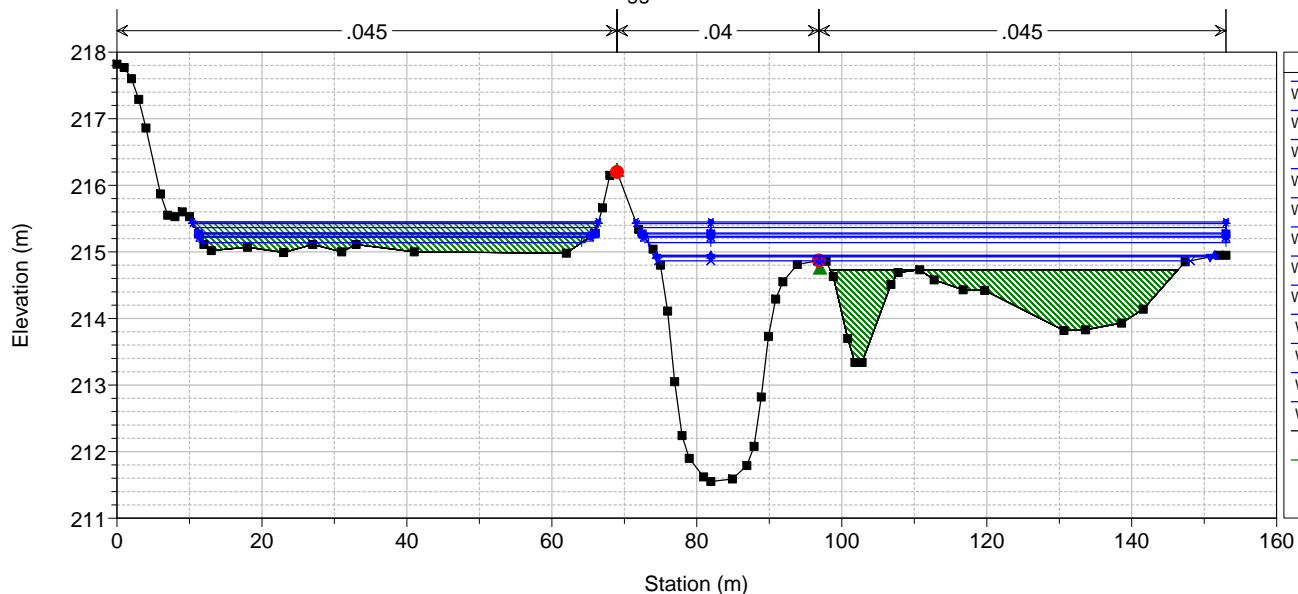
1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2  
River = staggia Reach = tratto2 RS = 11



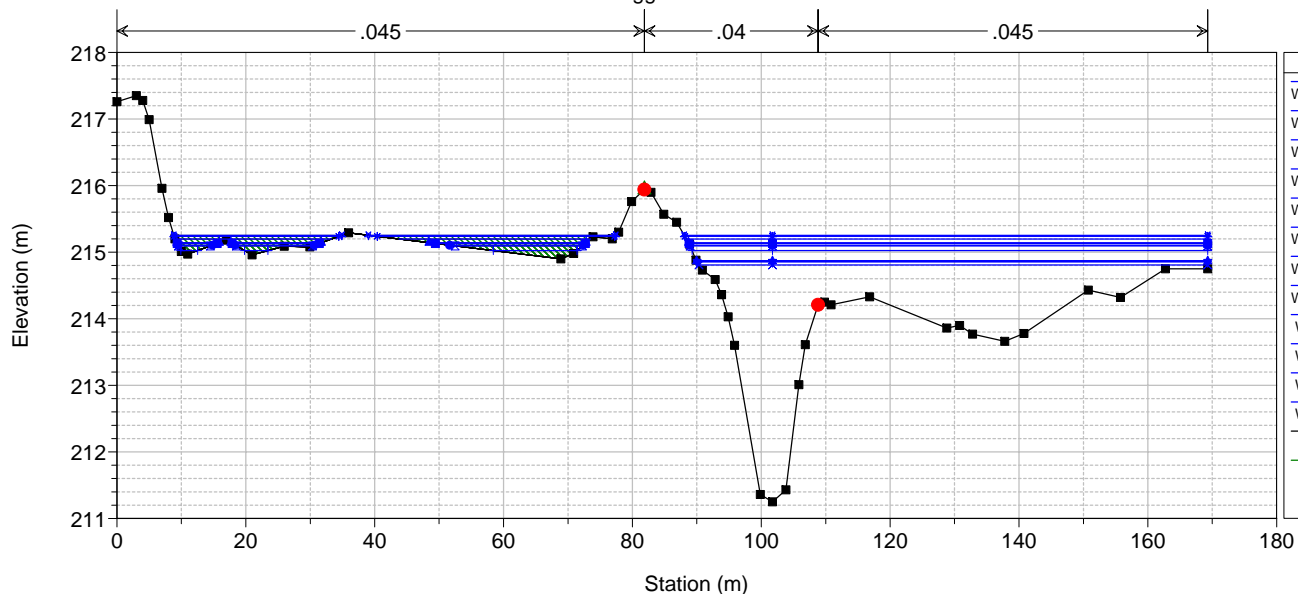
1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2  
River = staggia Reach = tratto2 RS = 10



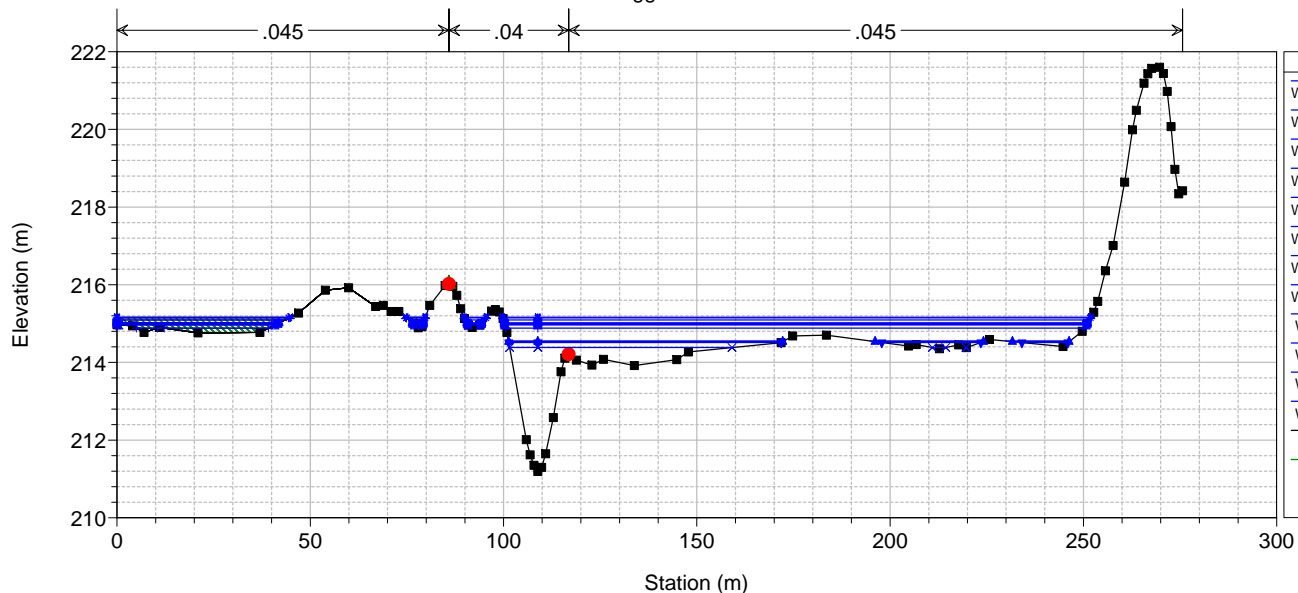
1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2  
River = staggia Reach = tratto2 RS = 9



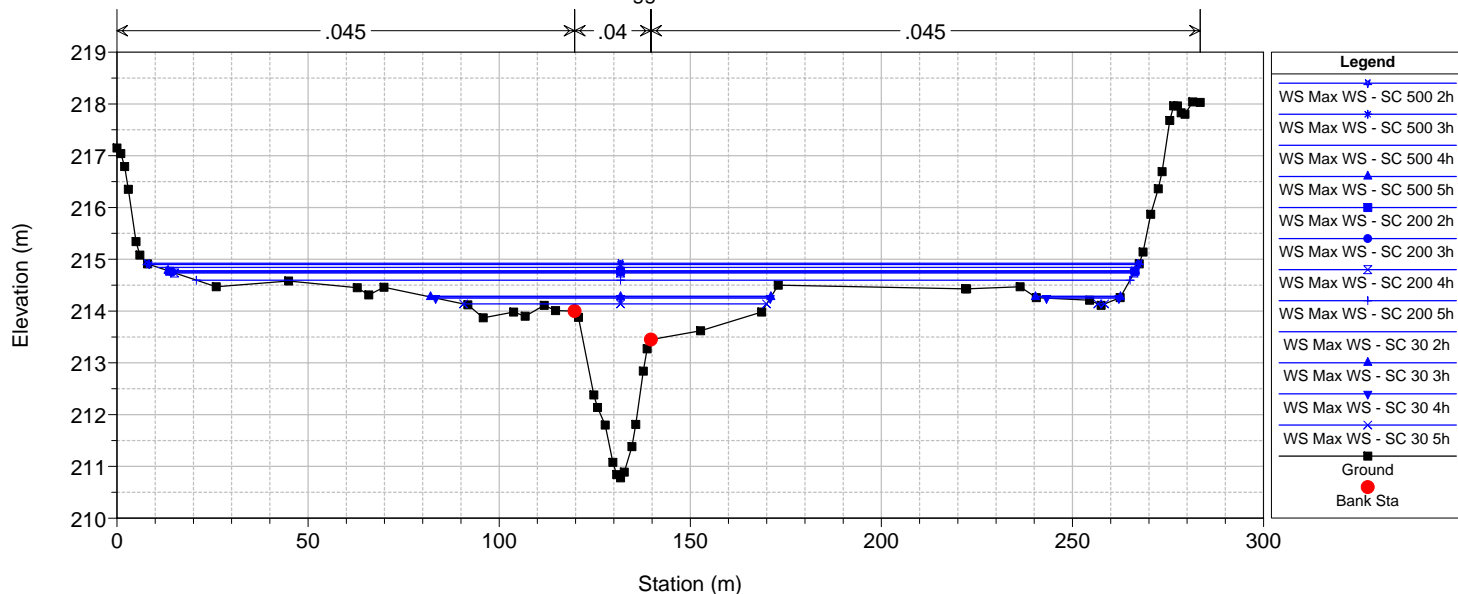
1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2  
River = staggia Reach = tratto2 RS = 8



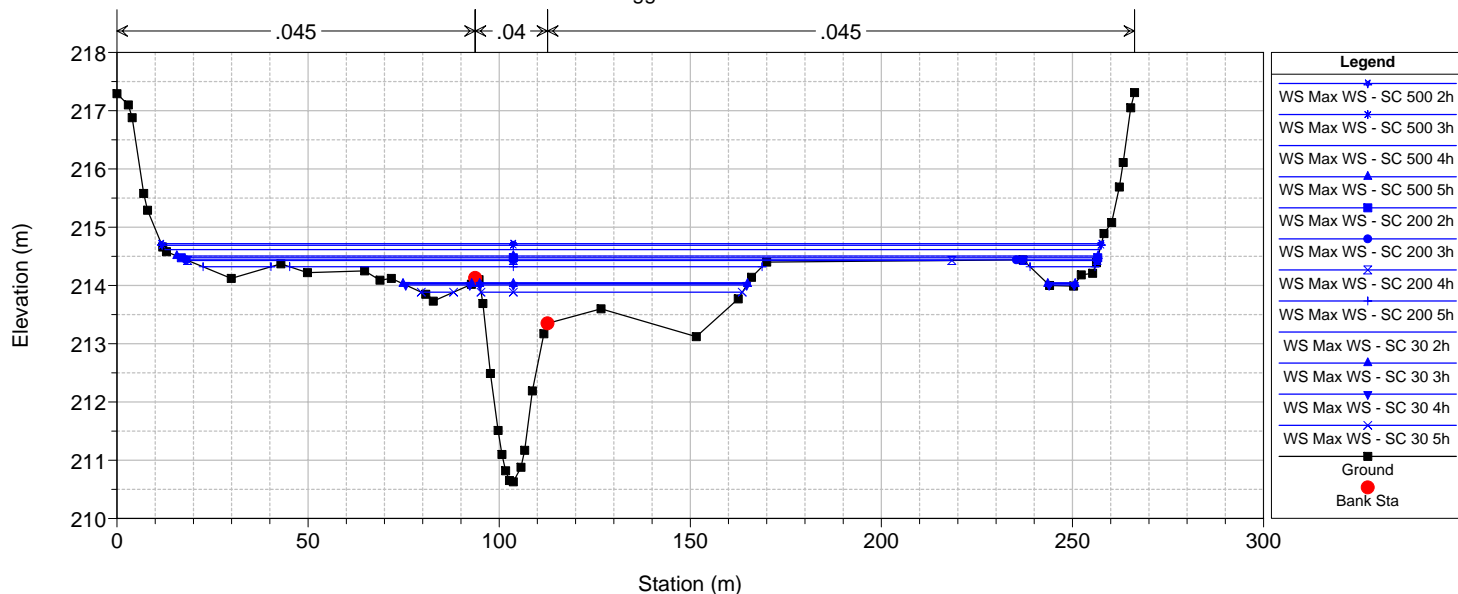
1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2  
River = staggia Reach = tratto2 RS = 7



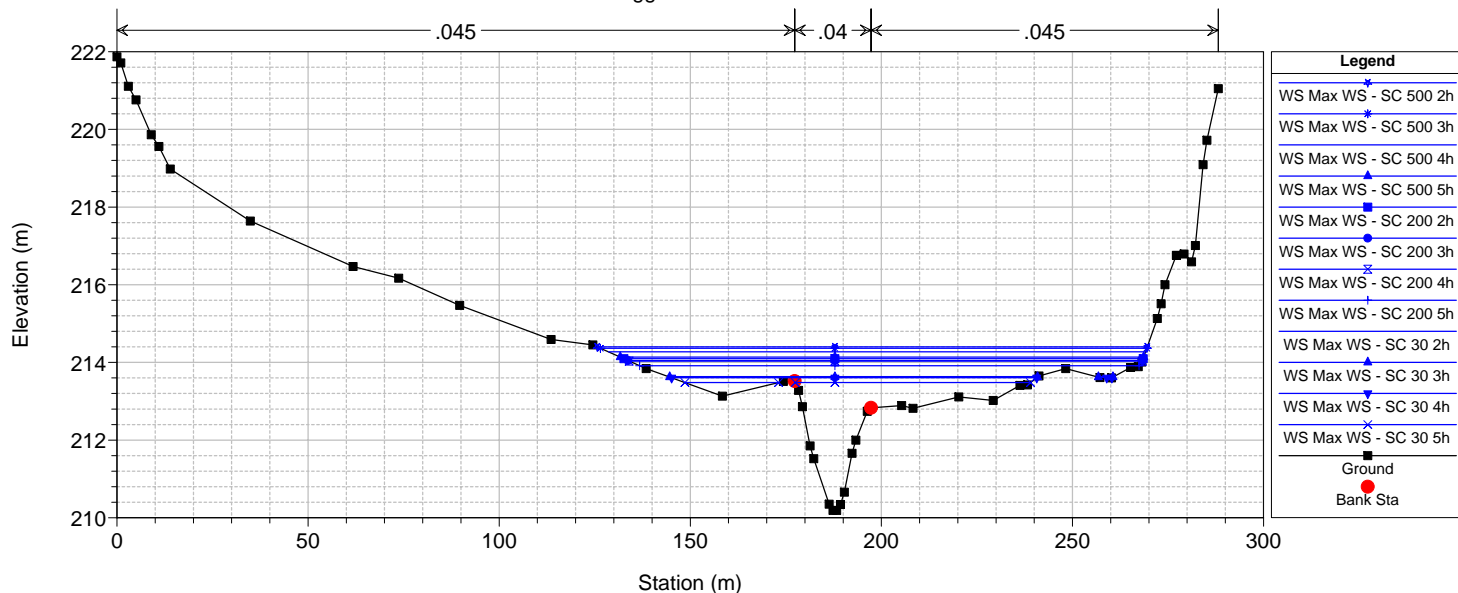
1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2  
River = staggia Reach = tratto2 RS = 6



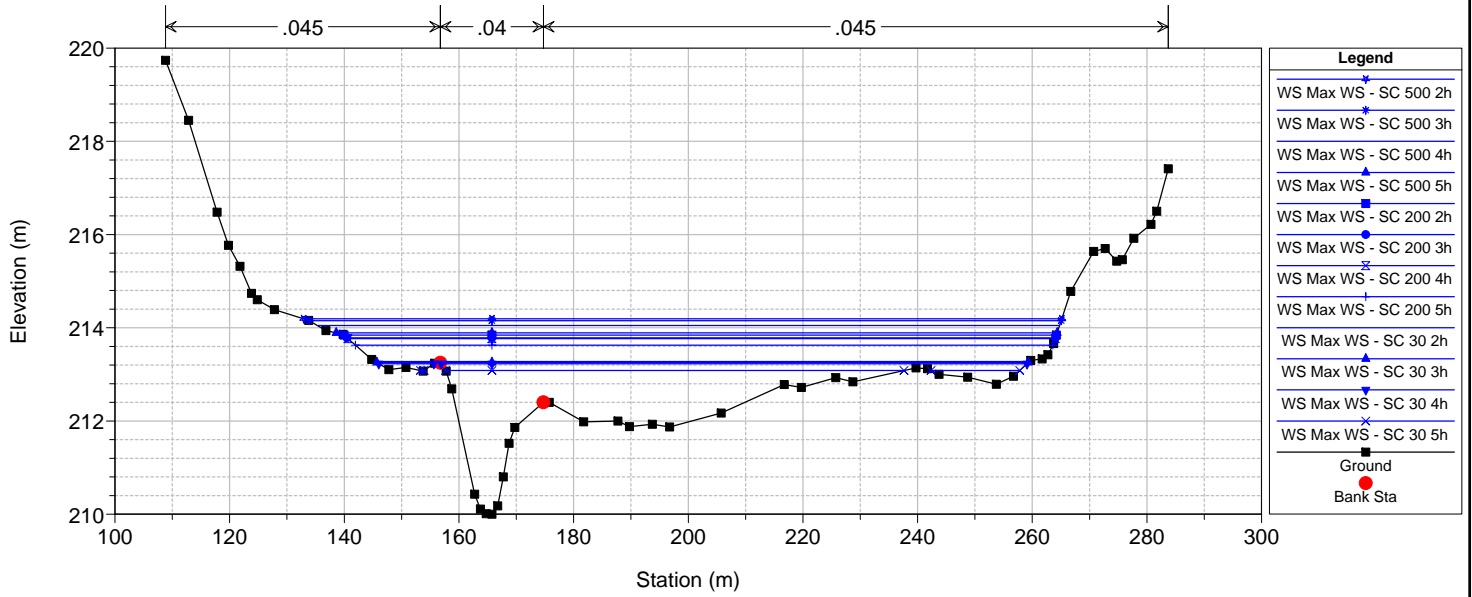
1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2  
River = staggia Reach = tratto2 RS = 5



1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2  
River = staggia Reach = tratto2 RS = 4



1) SC 30 2h 2) SC 30 3h 3) SC 30 4h 4) SC 30 5h 5) SC 200 2h 6) SC 200 3h 7) SC 200 4h 8) SC 200 5h 9) SC 500 2h 10) SC 500 3h 11) SC 500 4h 12) SC 500 5h

Geom: geometria badesse SA2015 2  
River = staggia Reach = tratto2 RS = 3

