



# *Autorità di Bacino del Fiume Arno*

**CONVENZIONE CON L'AMMINISTRAZIONE COMUNALE DI BARBERINO  
DI MUGELLO: “APPROFONDIMENTO DEL QUADRO CONOSCITIVO  
RELATIVO ALLA PERICOLOSITA' IDRAULICA DELLE AREE POSTE NEL  
TERRITORIO COMUNALE DI BARBERINO DI MUGELLO LUNGO LE  
ASTE FLUVIALI”, DA ATTUARE A CURA DELL'AUTORITA' DI BACINO  
DEL FIUME ARNO**

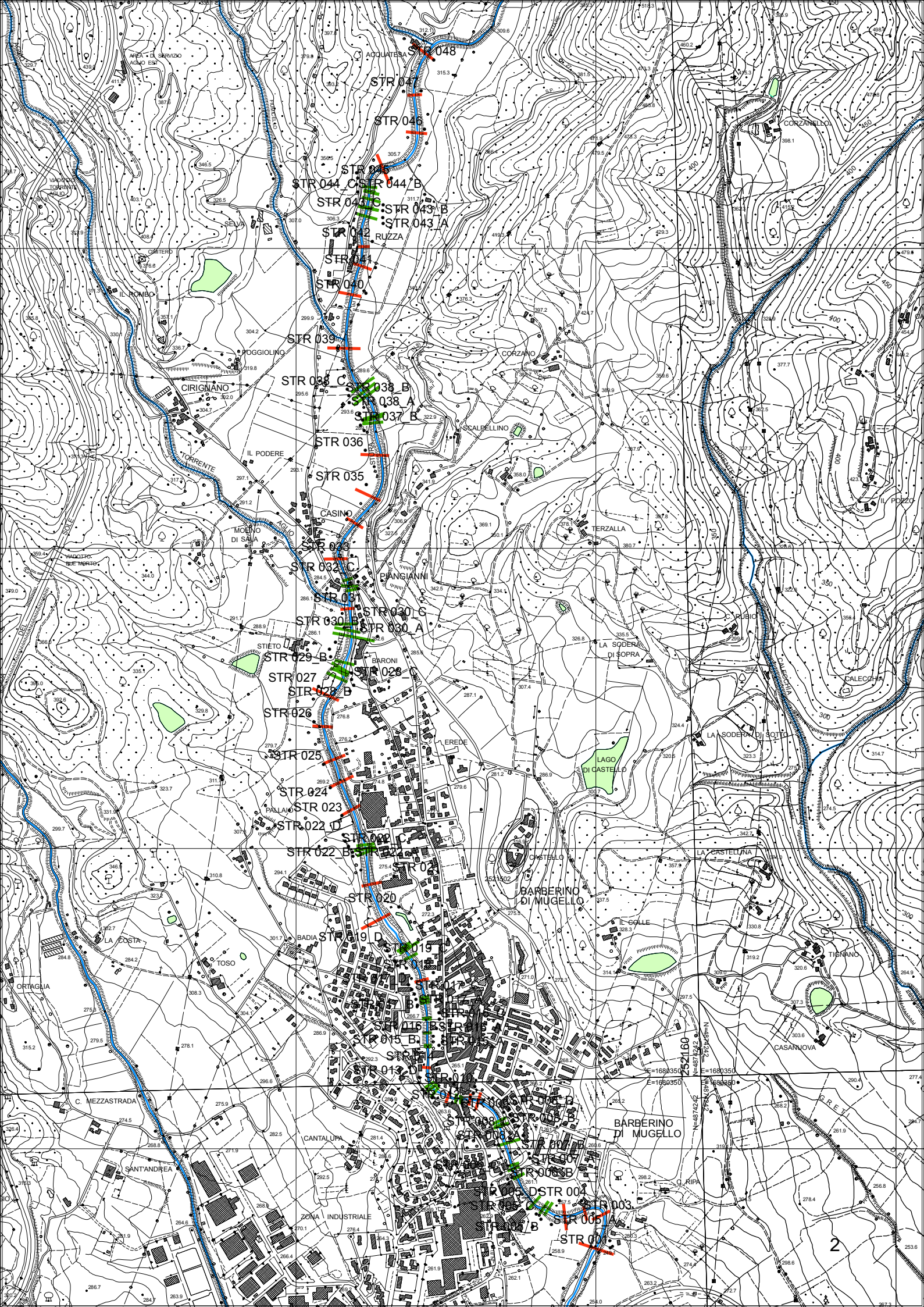
**DECRETO DEL SEGRETARIO GENERALE N.63 DEL 28/07/2009**

**APPENDICE 5 – OUTPUT DELLA MODELLAZIONE IDRAULICA**

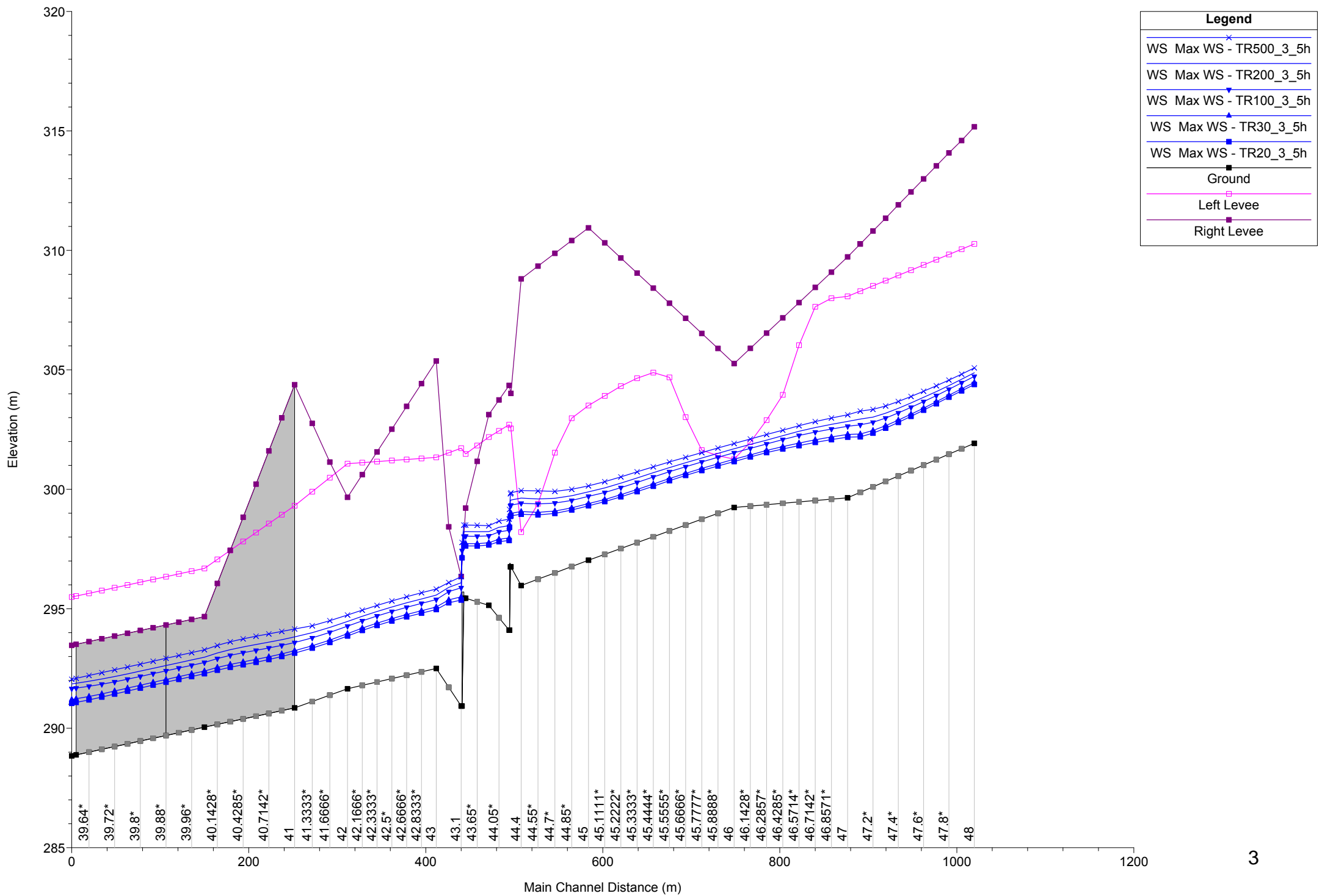
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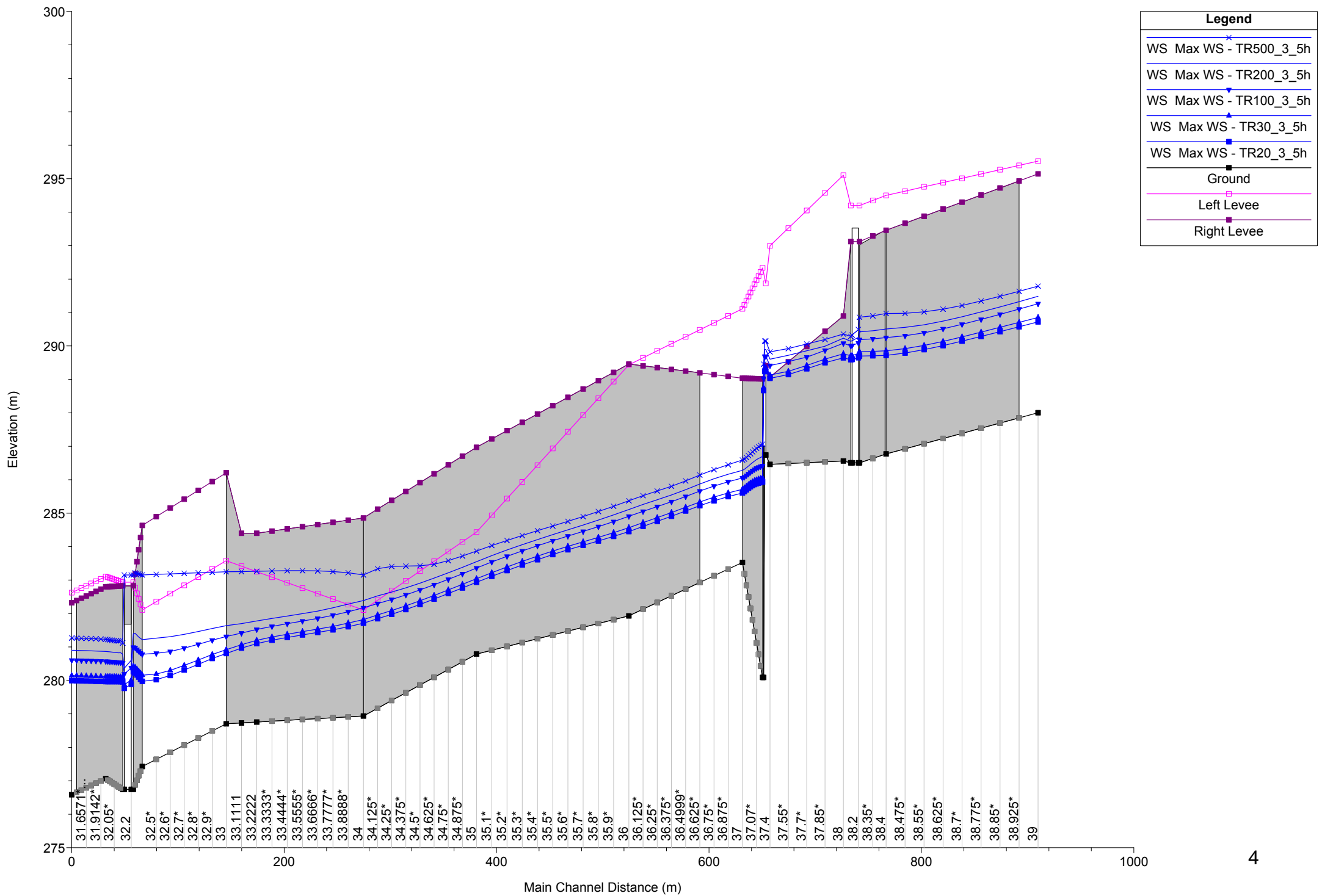
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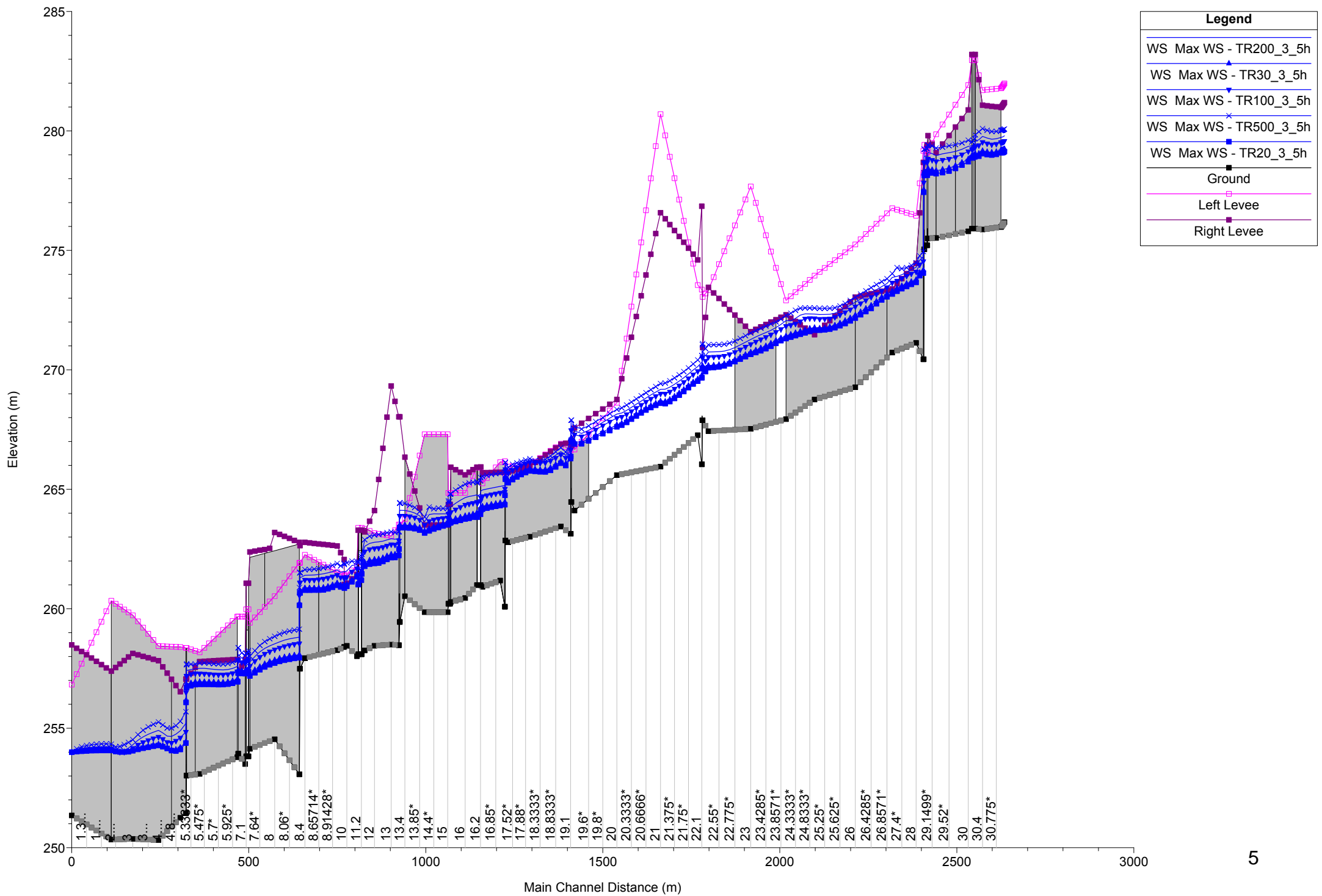
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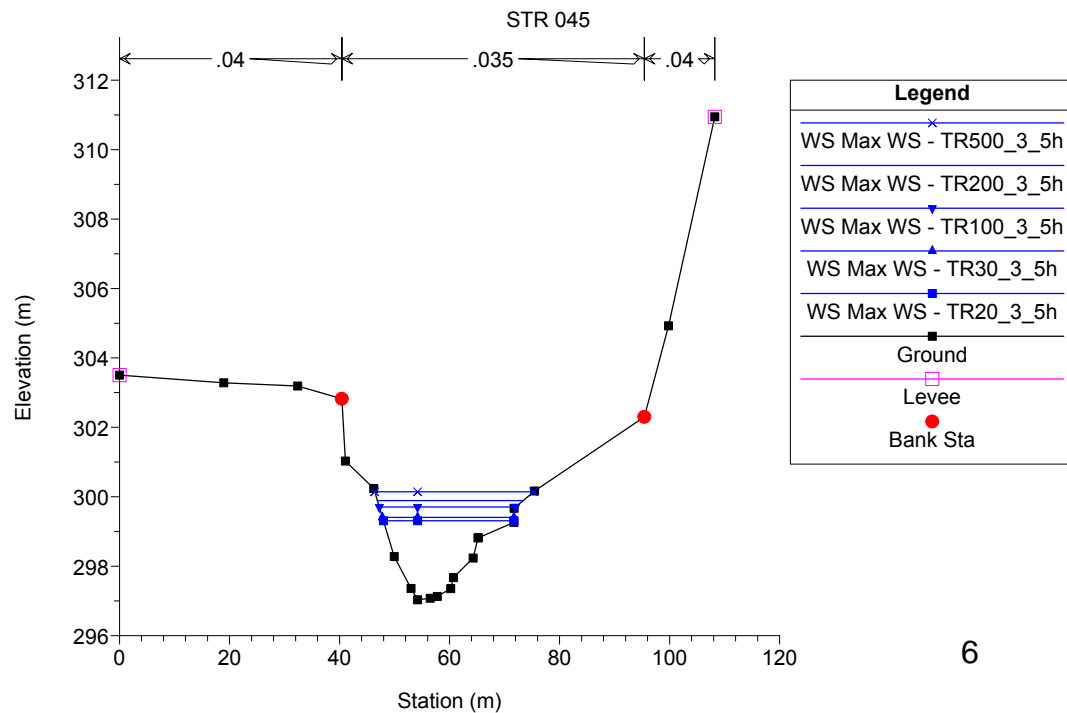
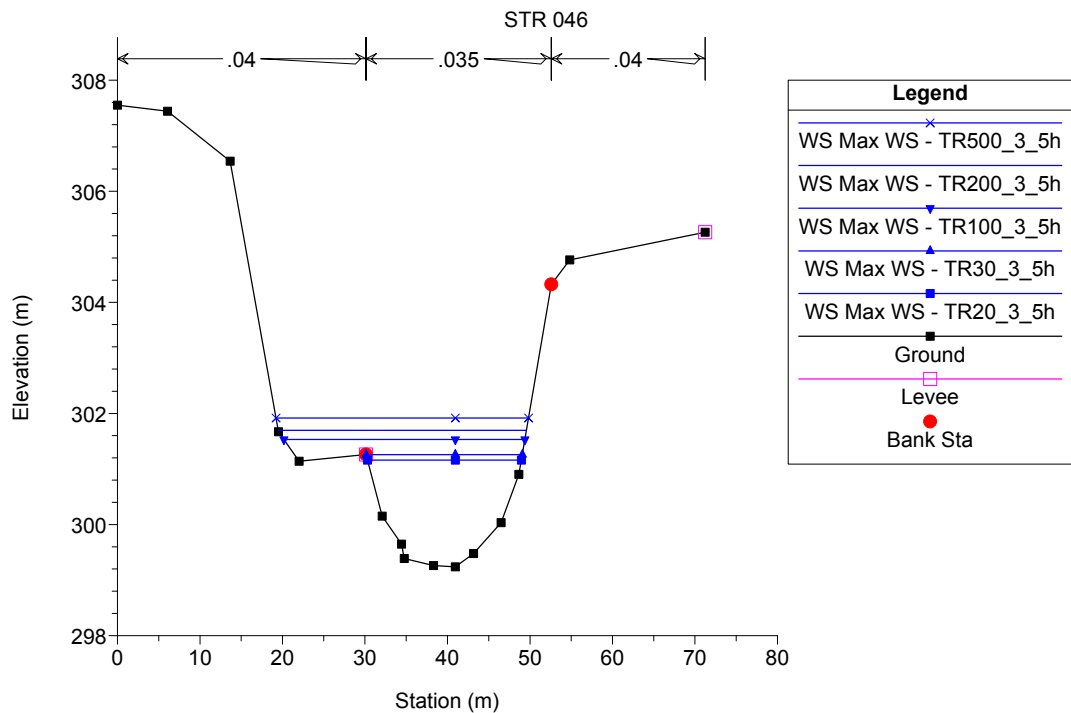
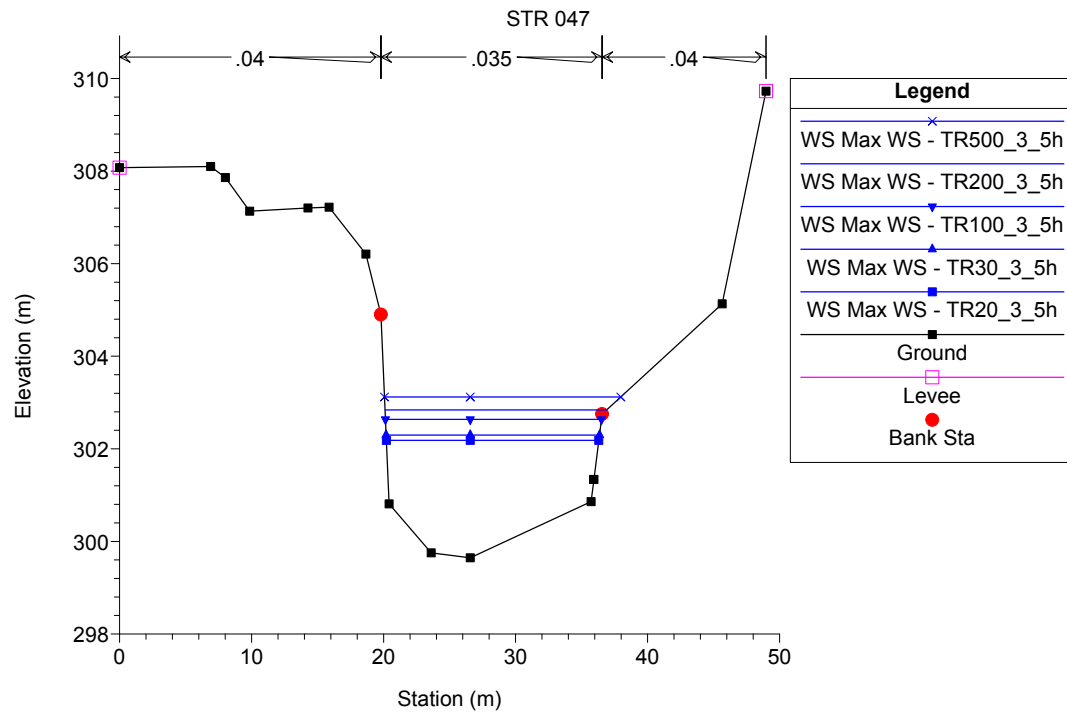
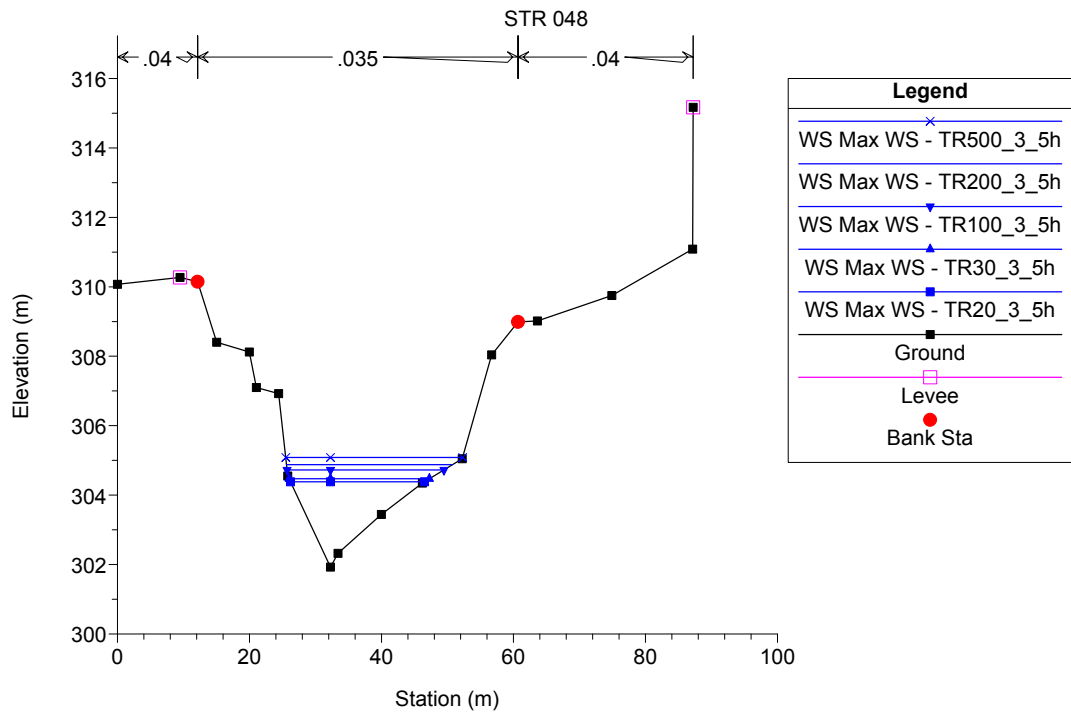


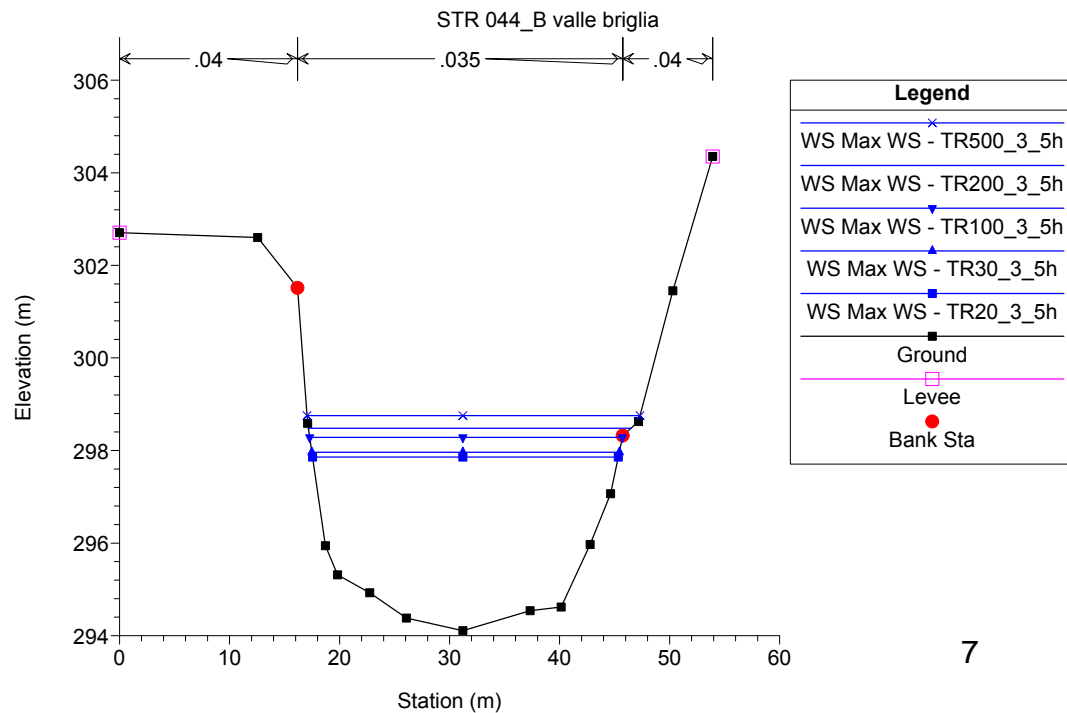
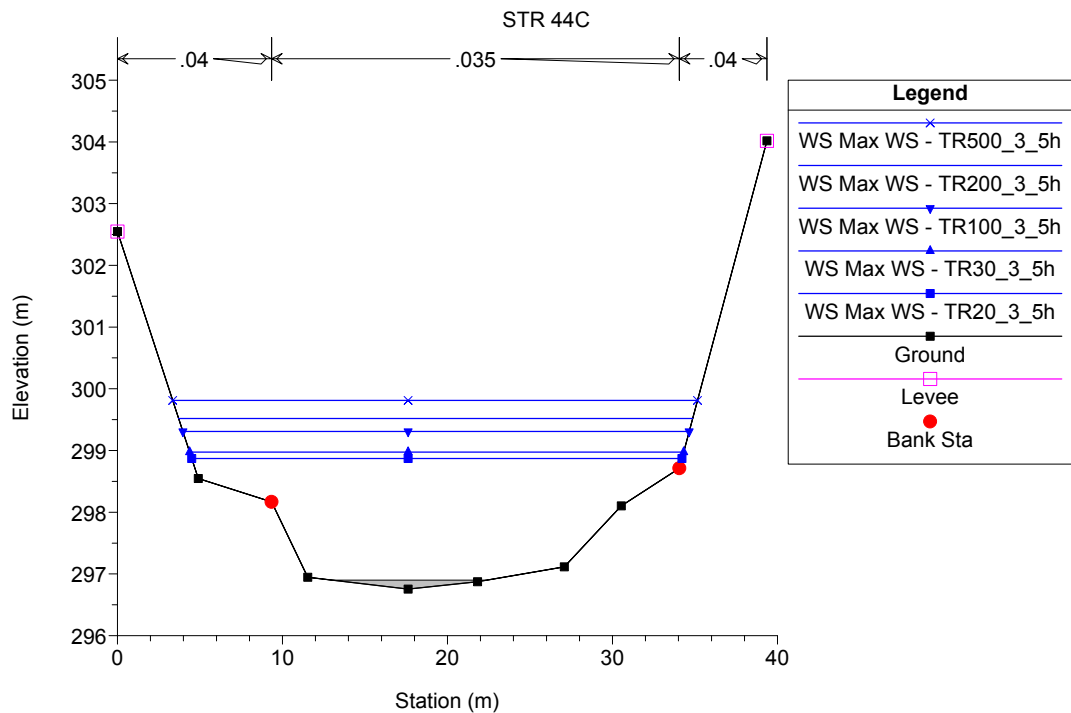
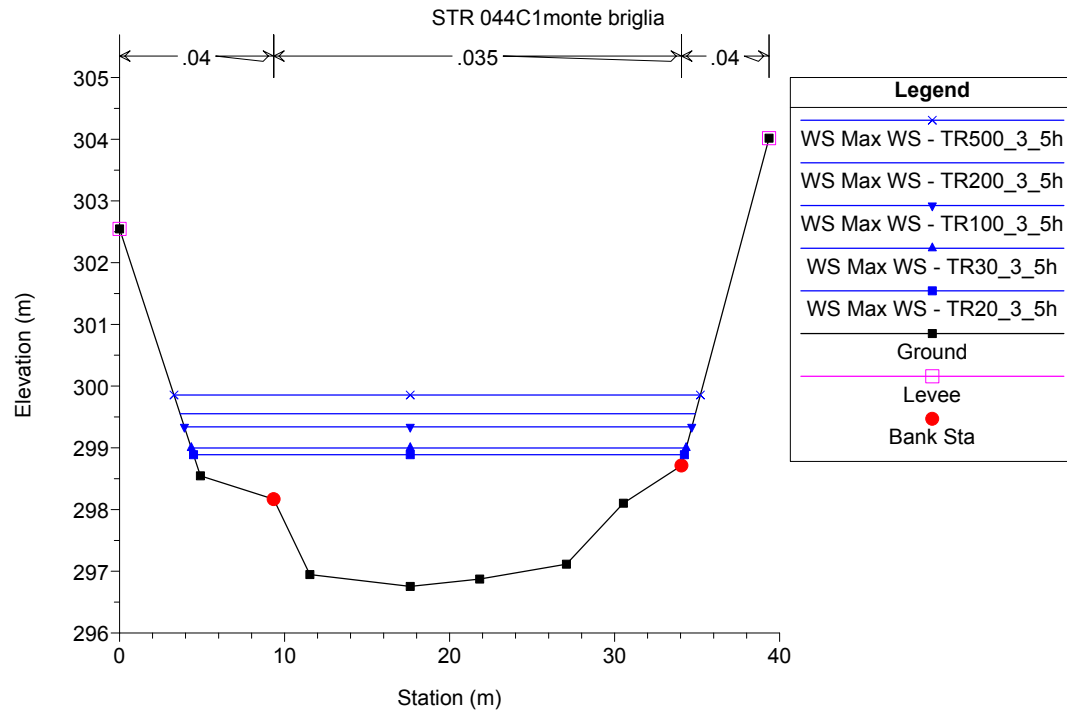
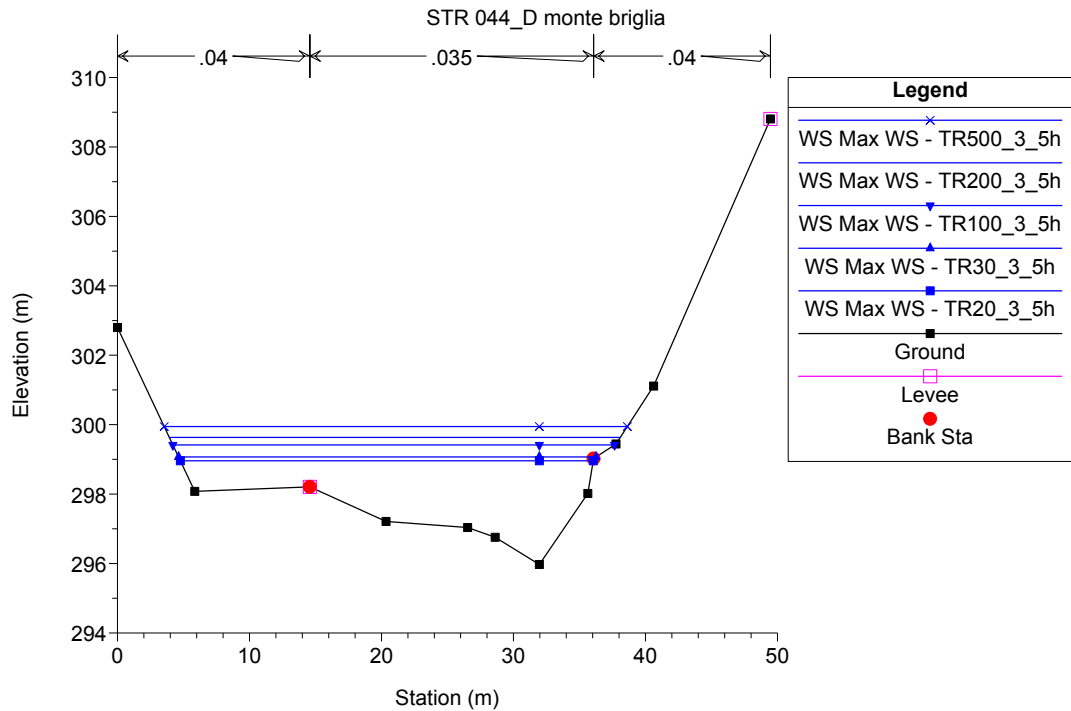




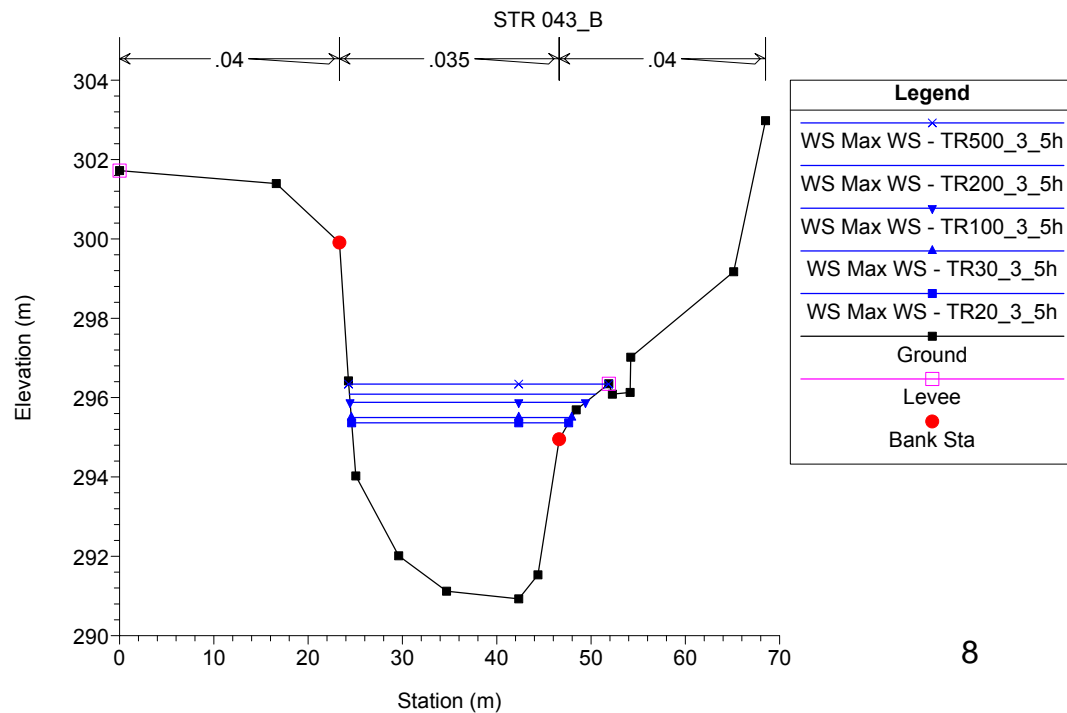
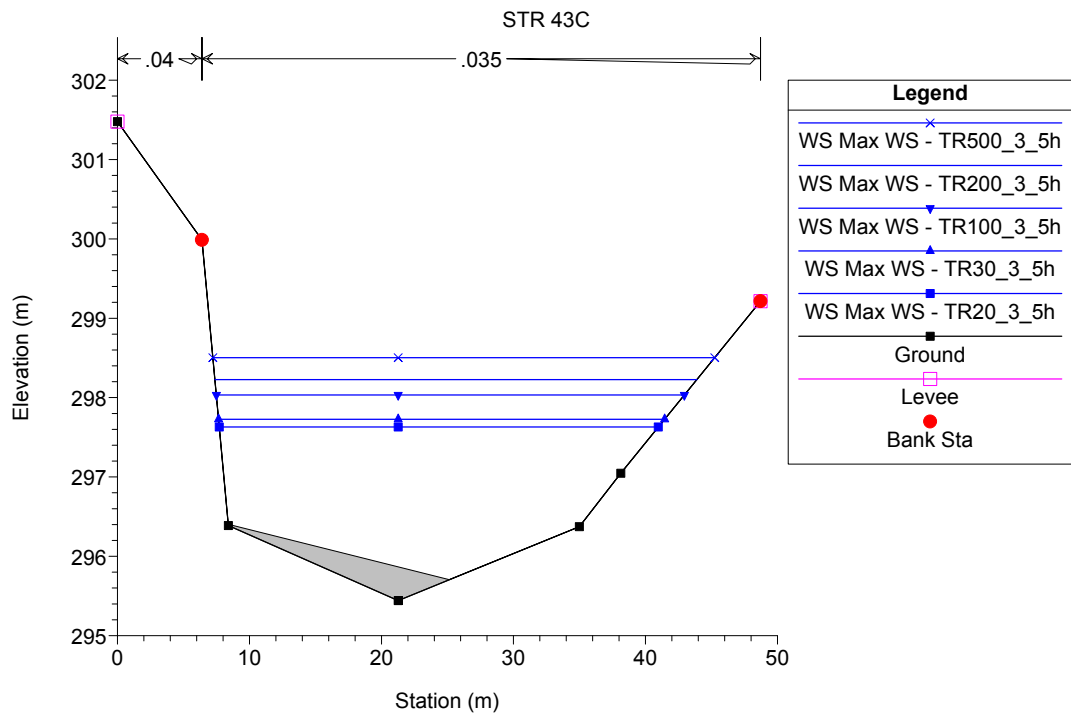
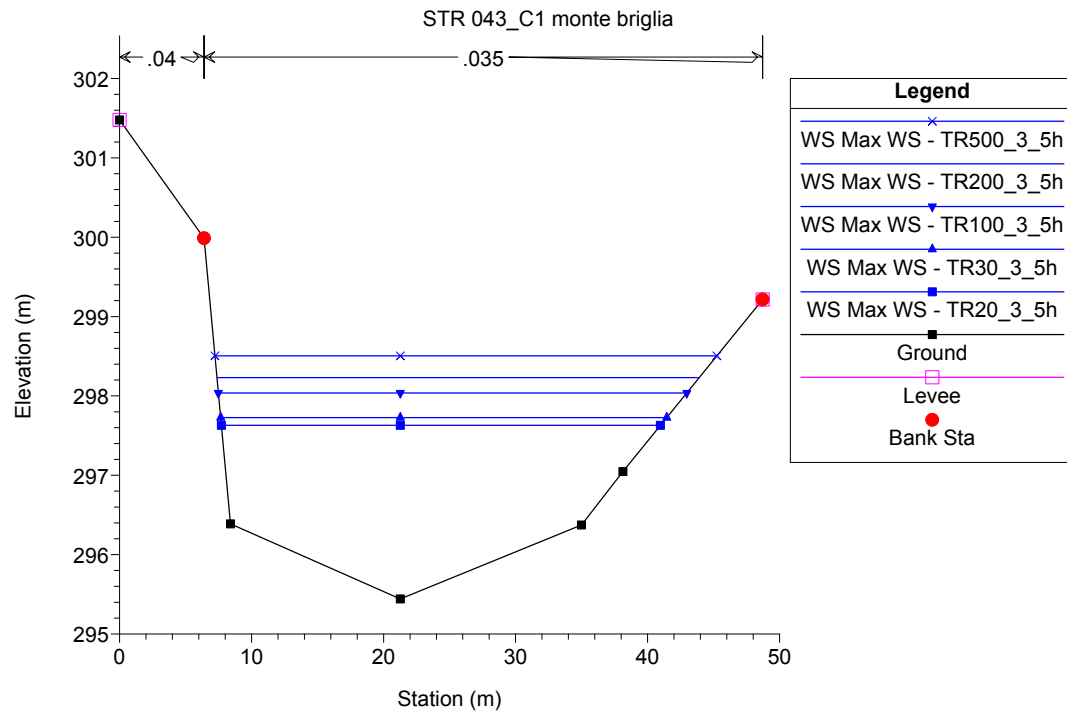
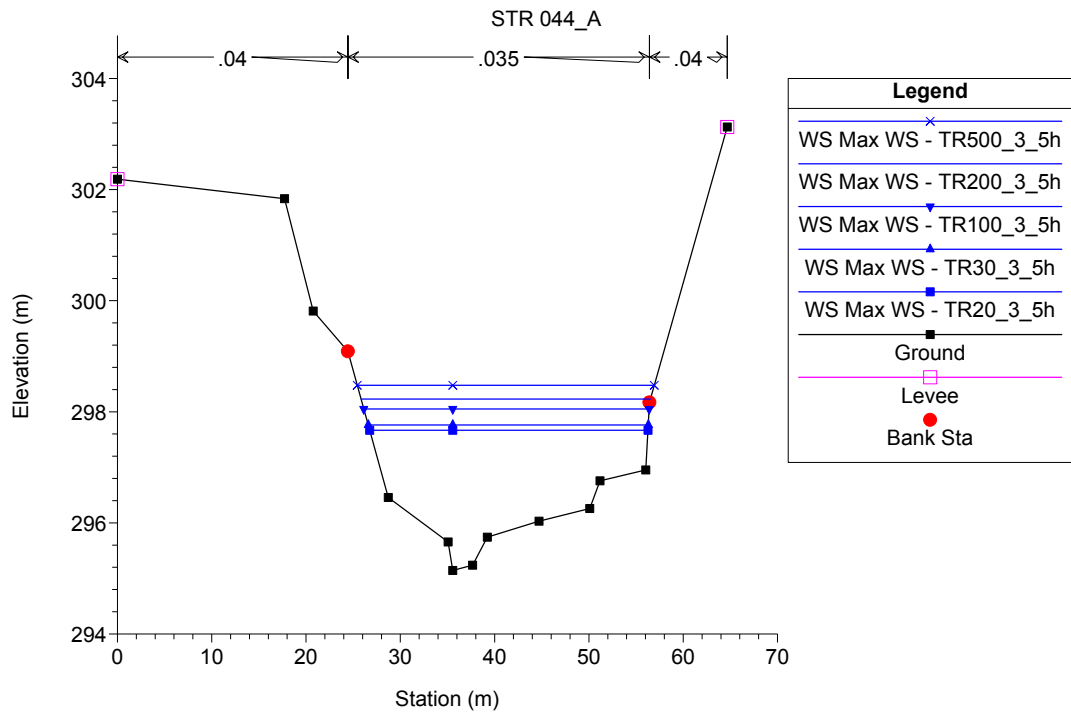


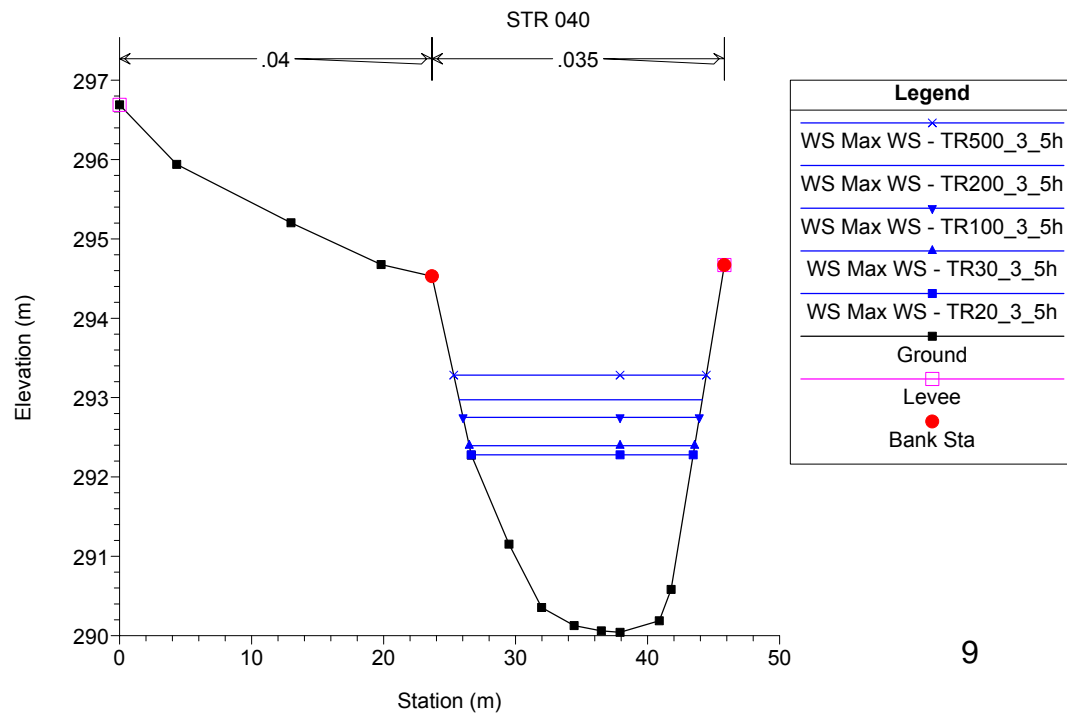
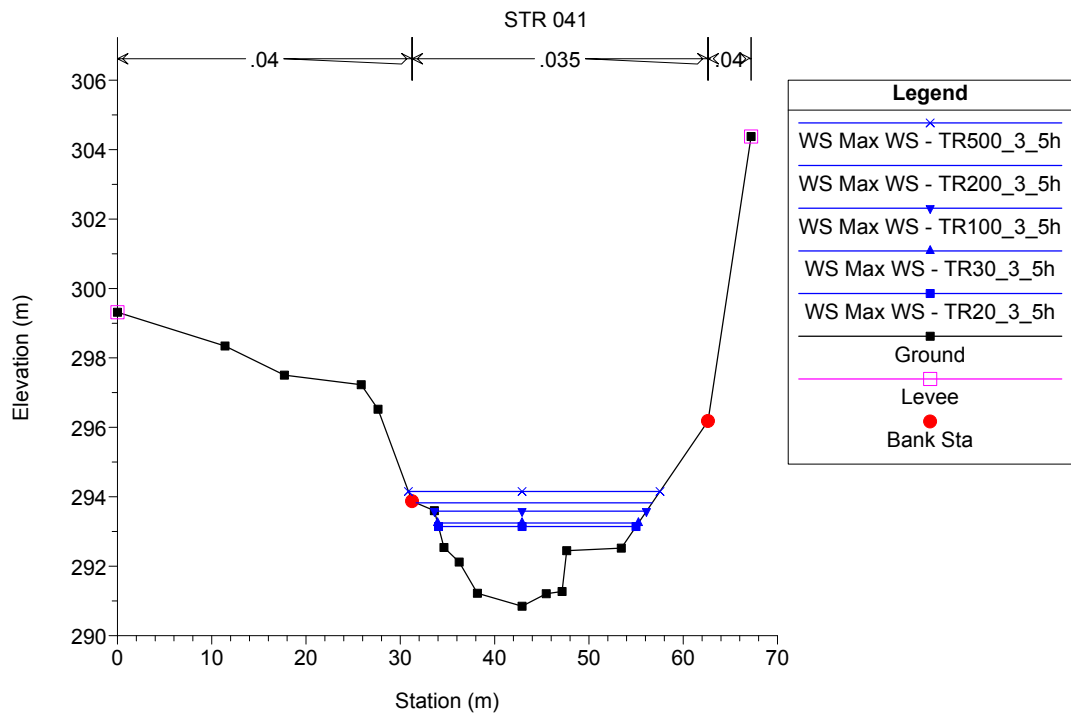
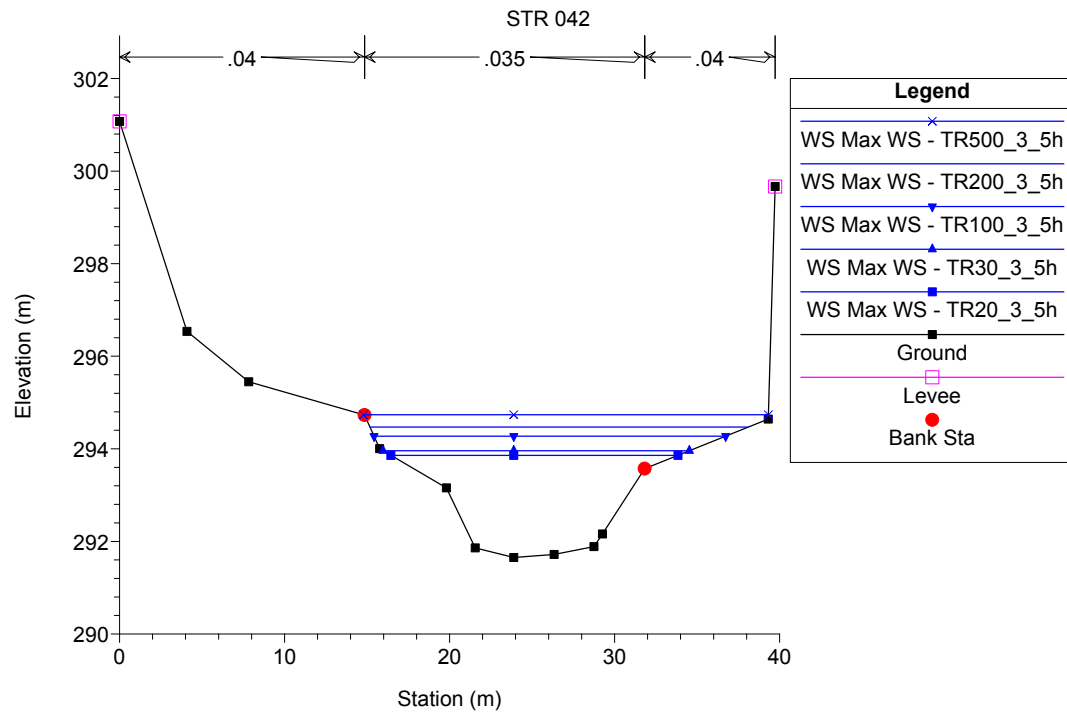
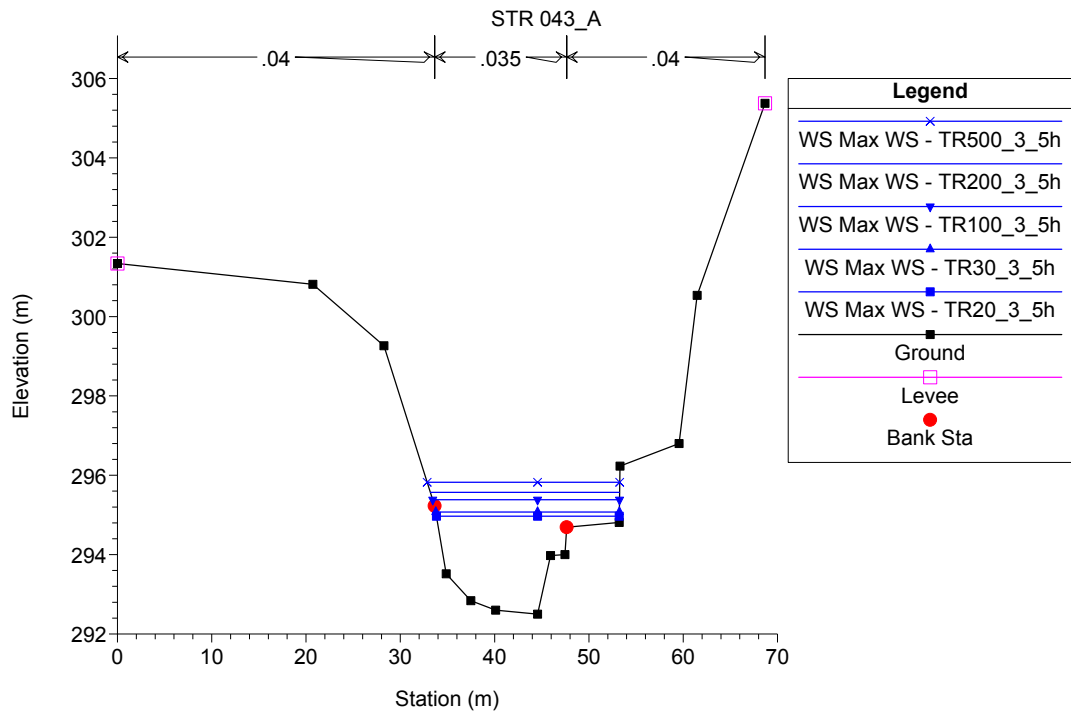


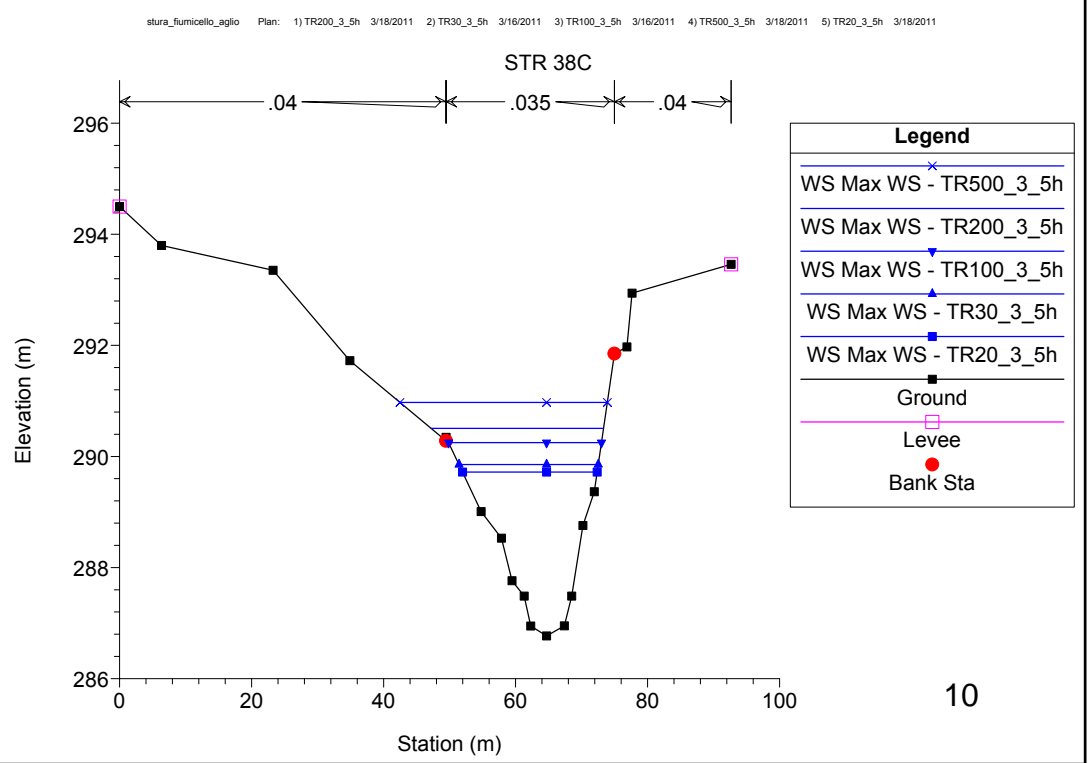
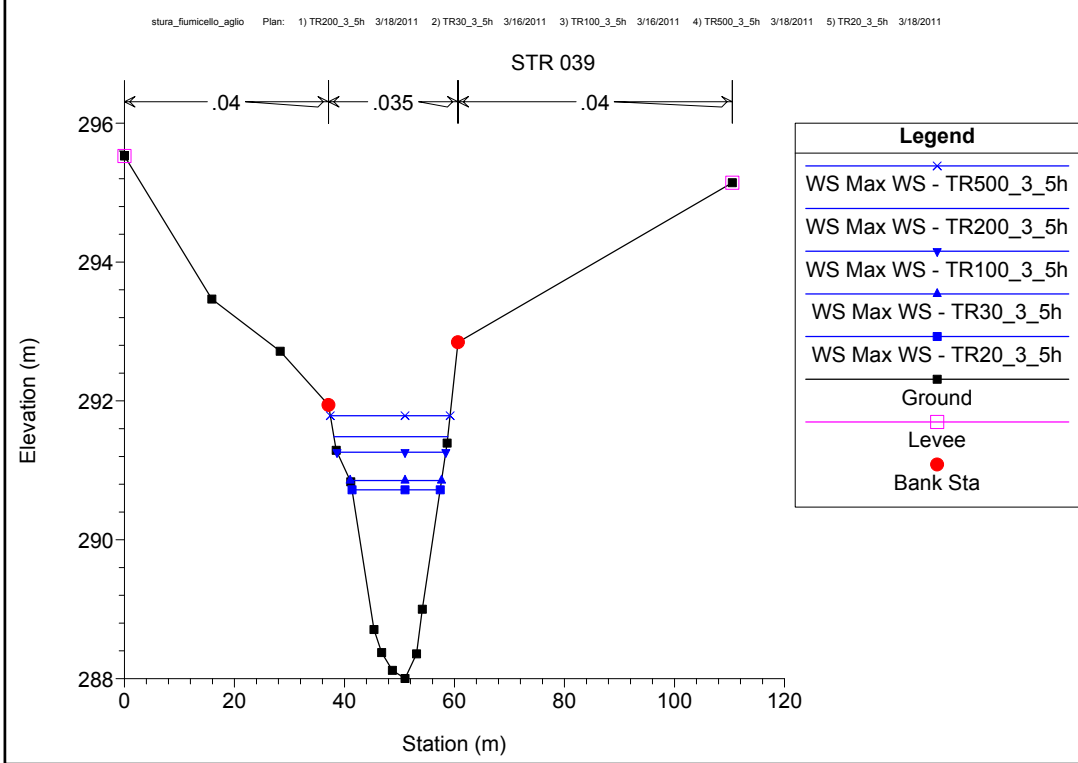
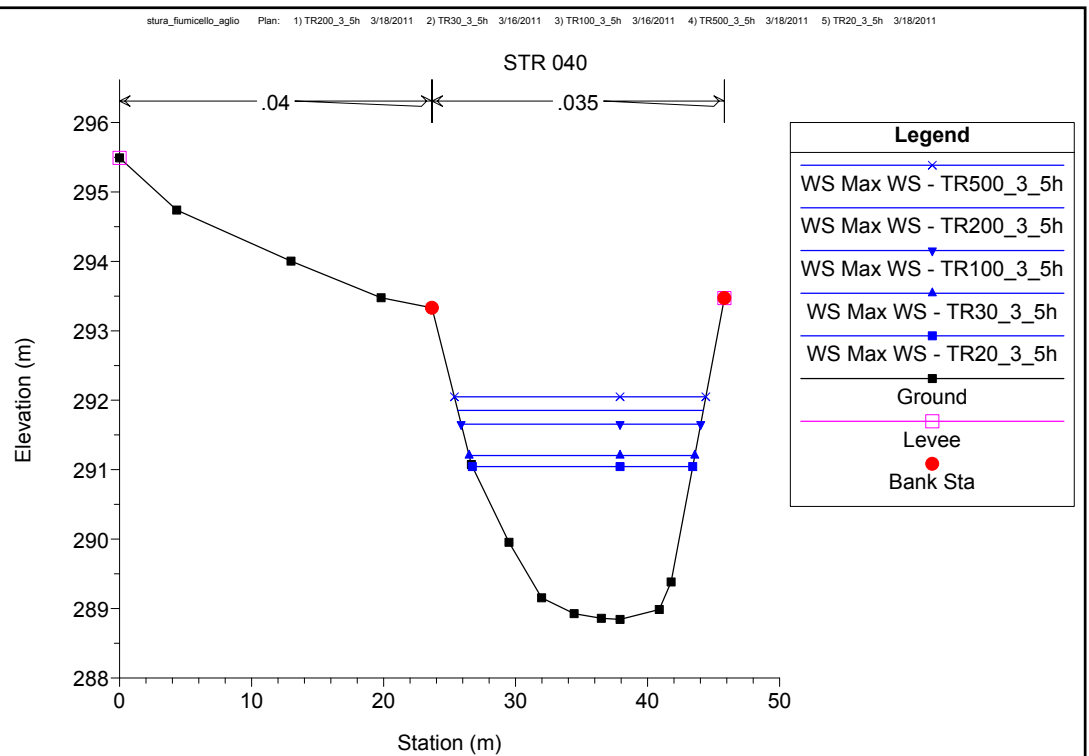
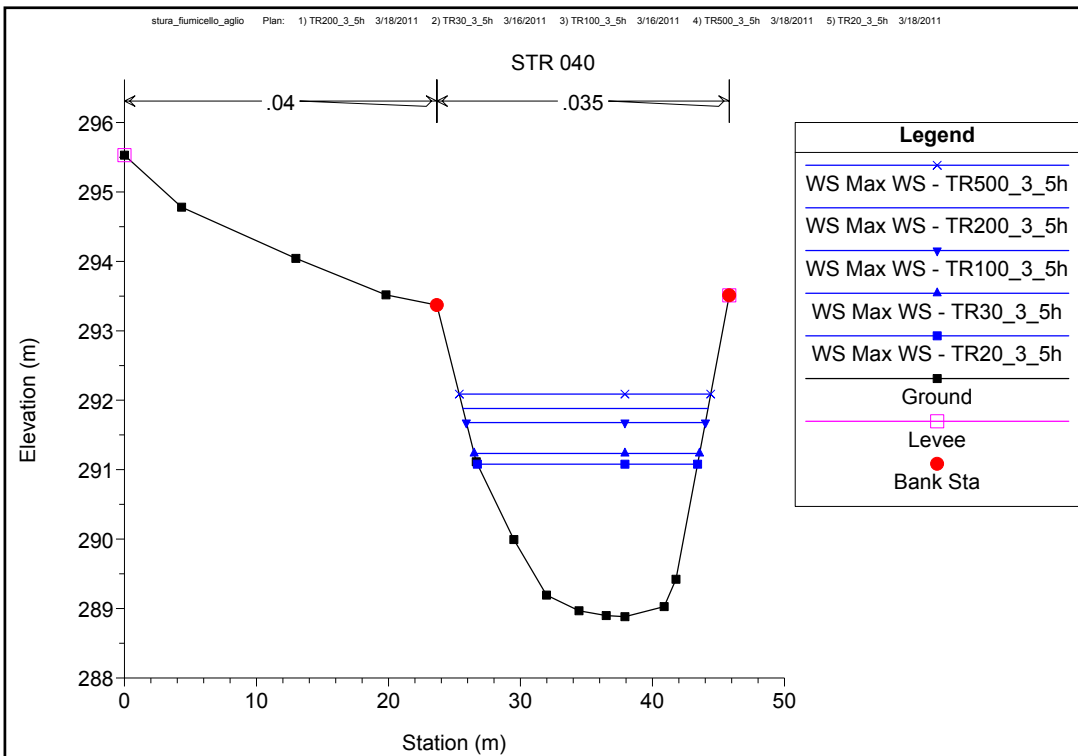


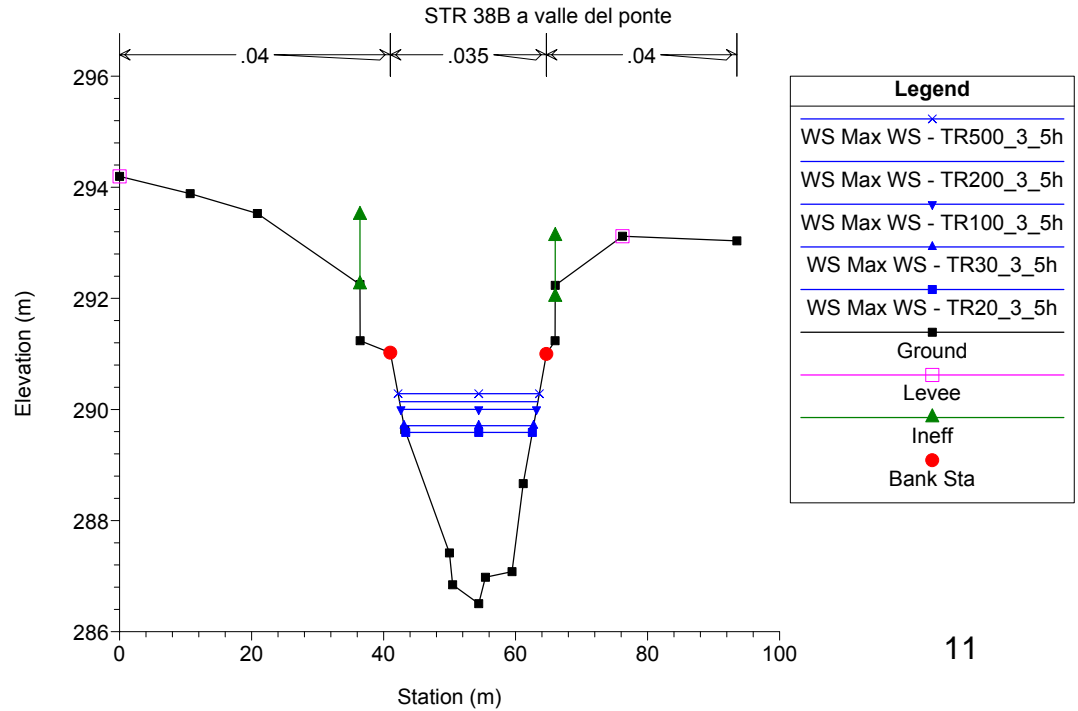
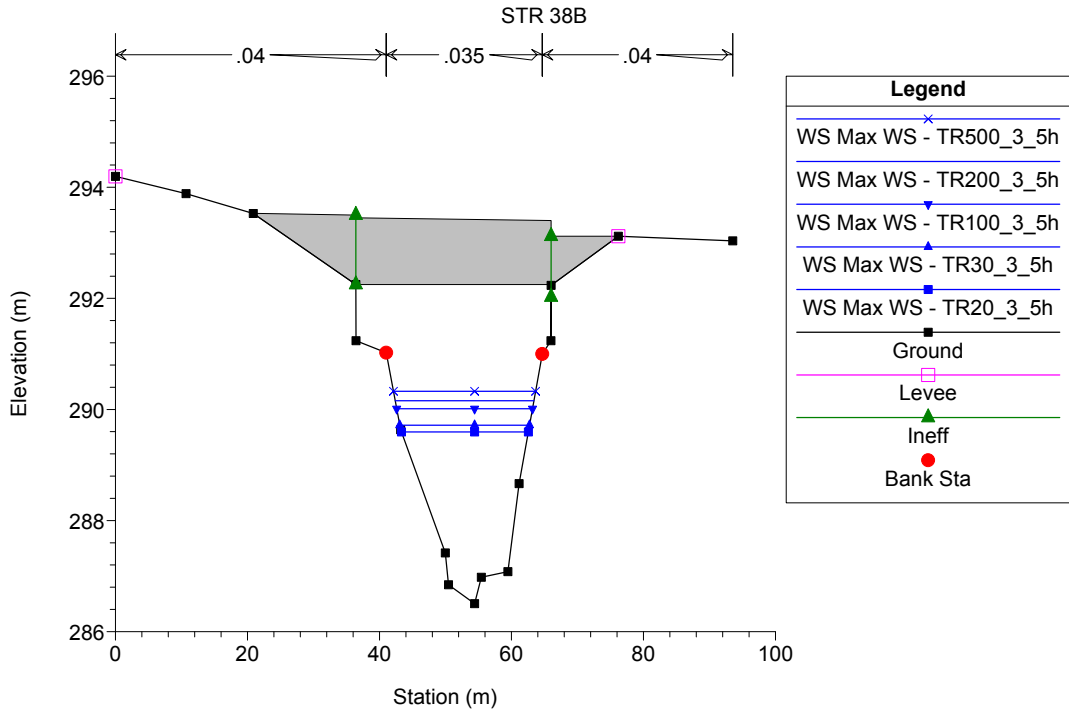
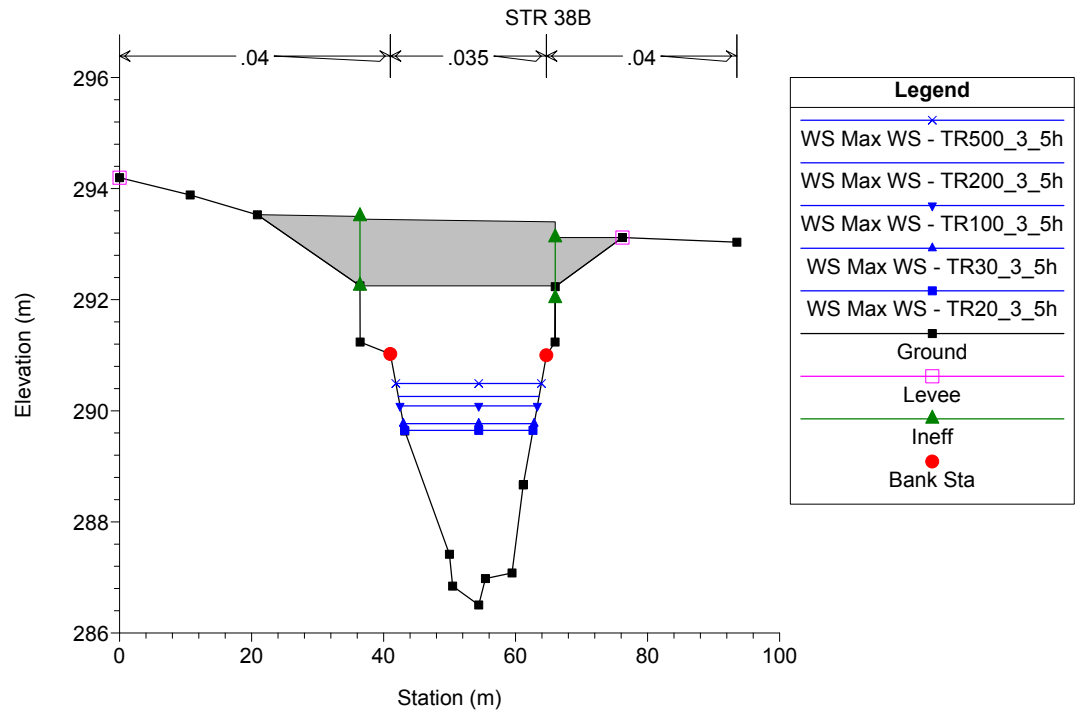
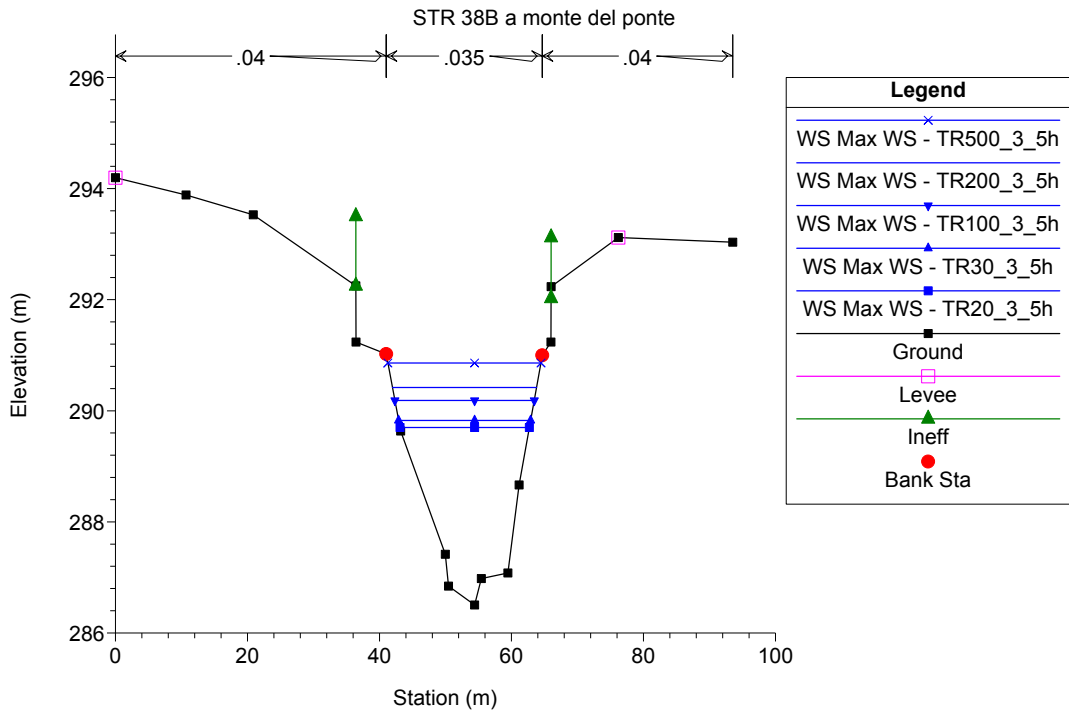


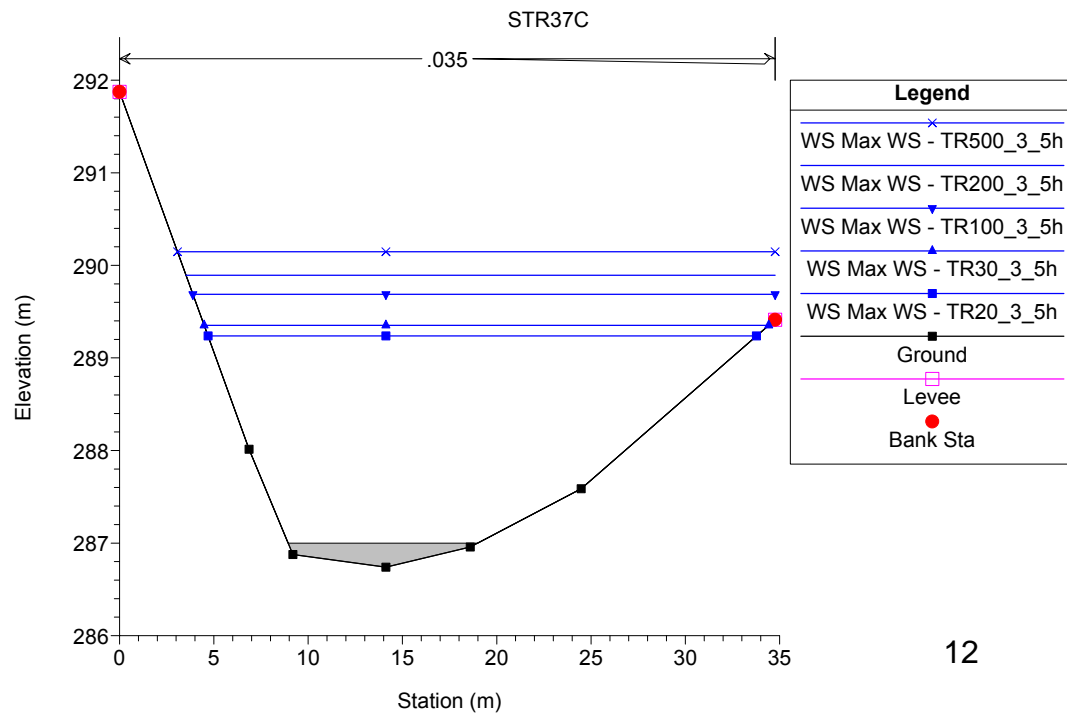
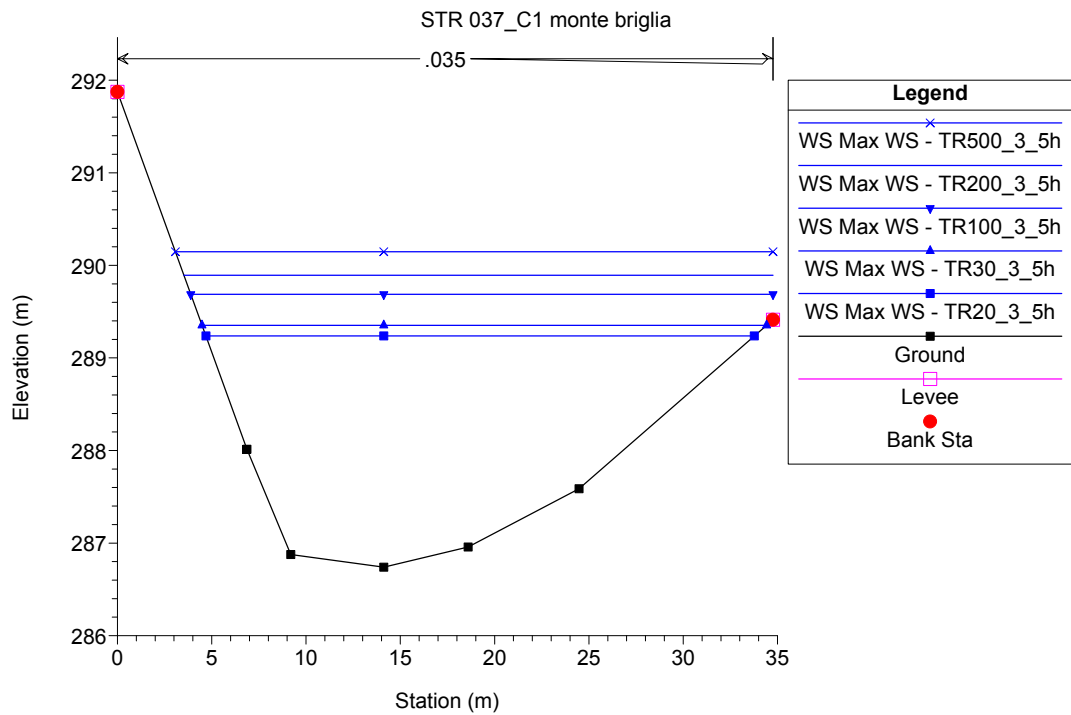
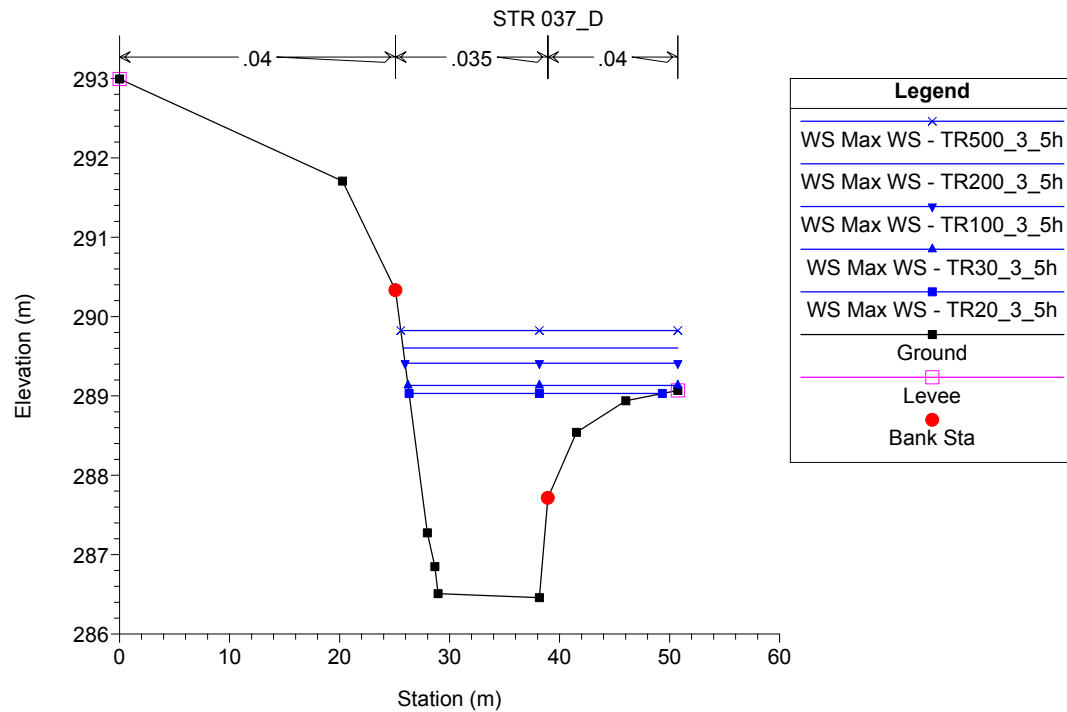
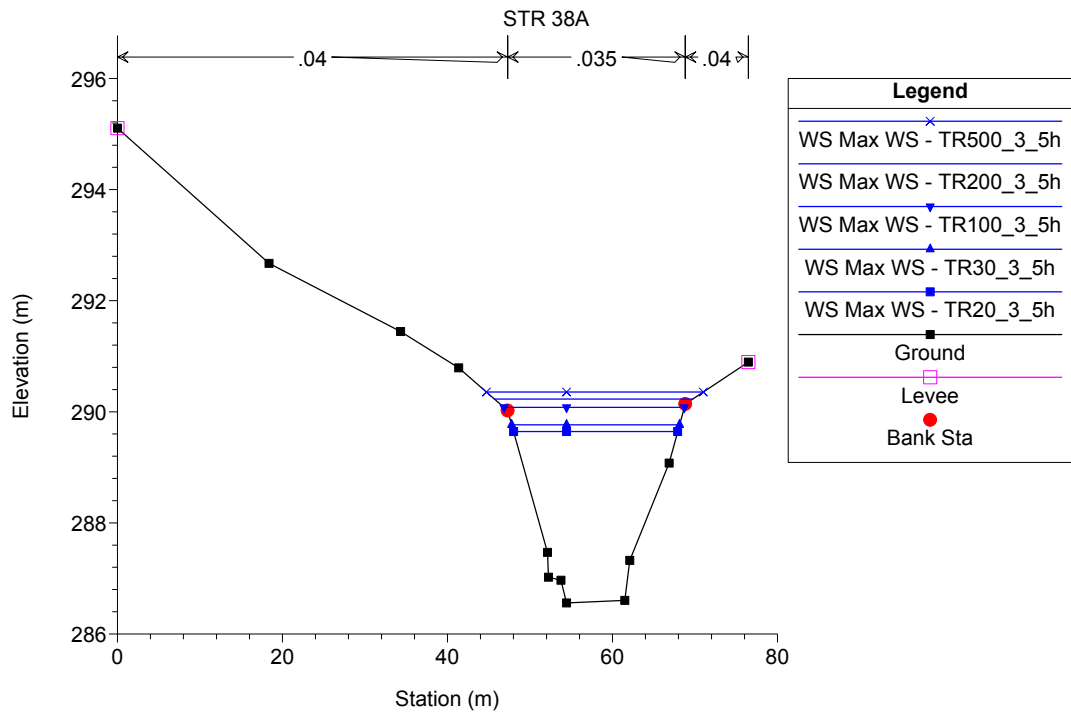






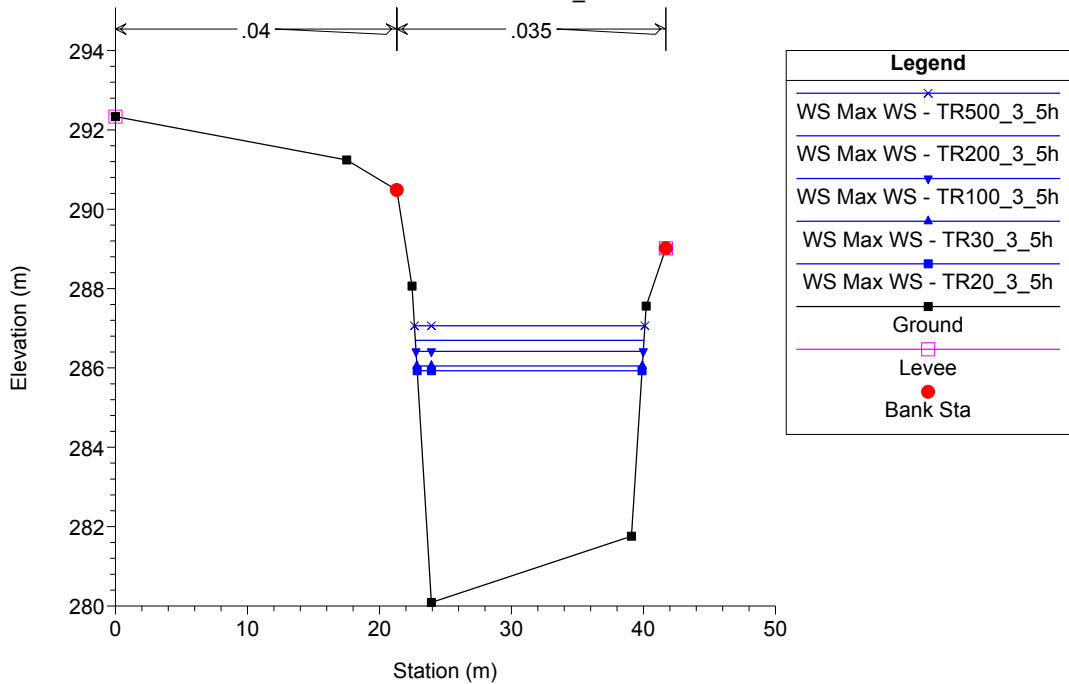




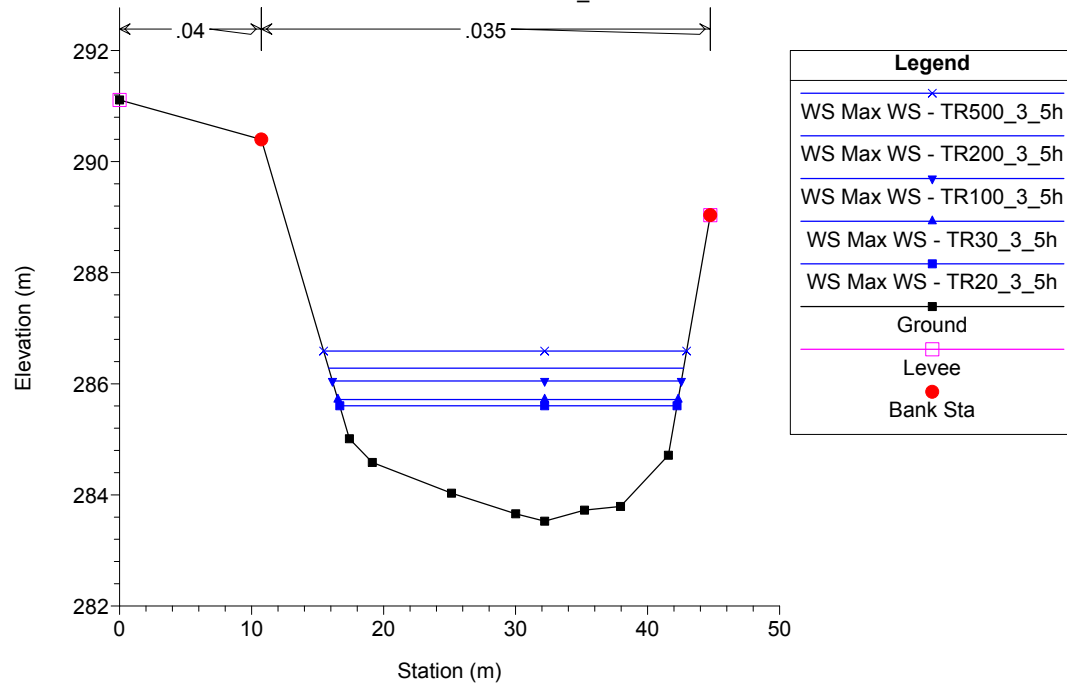




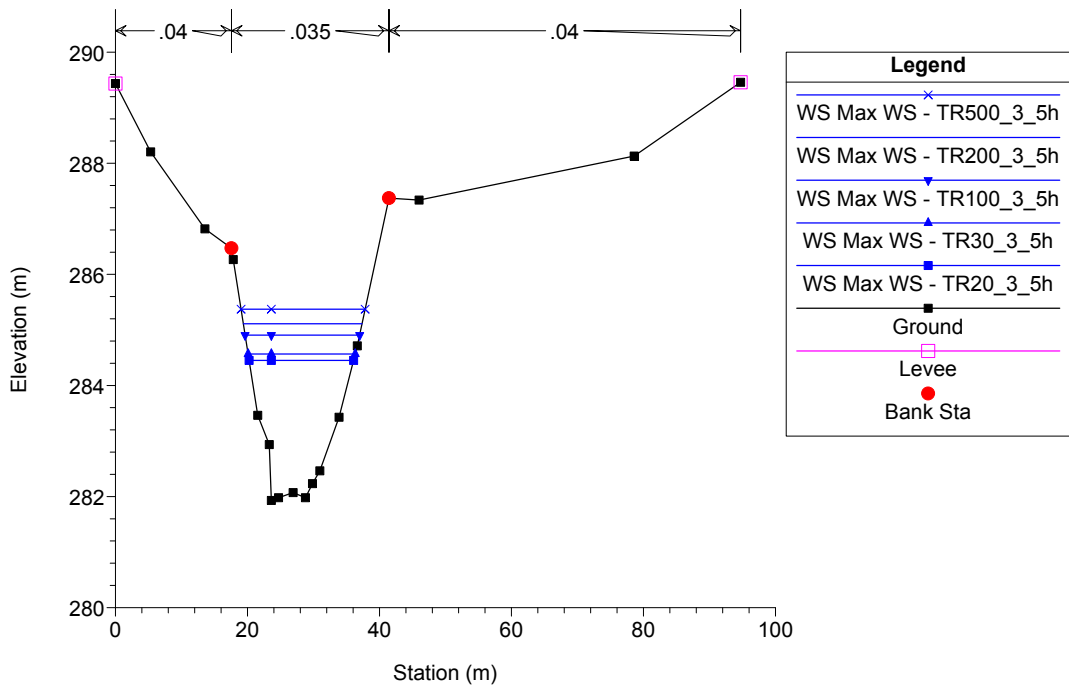
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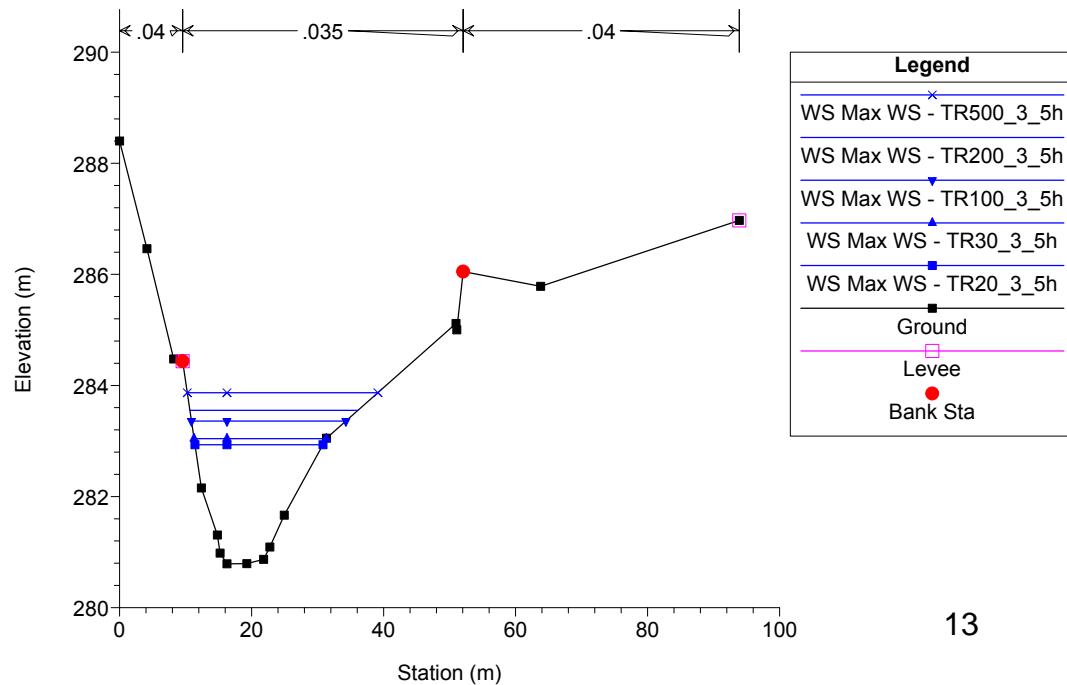
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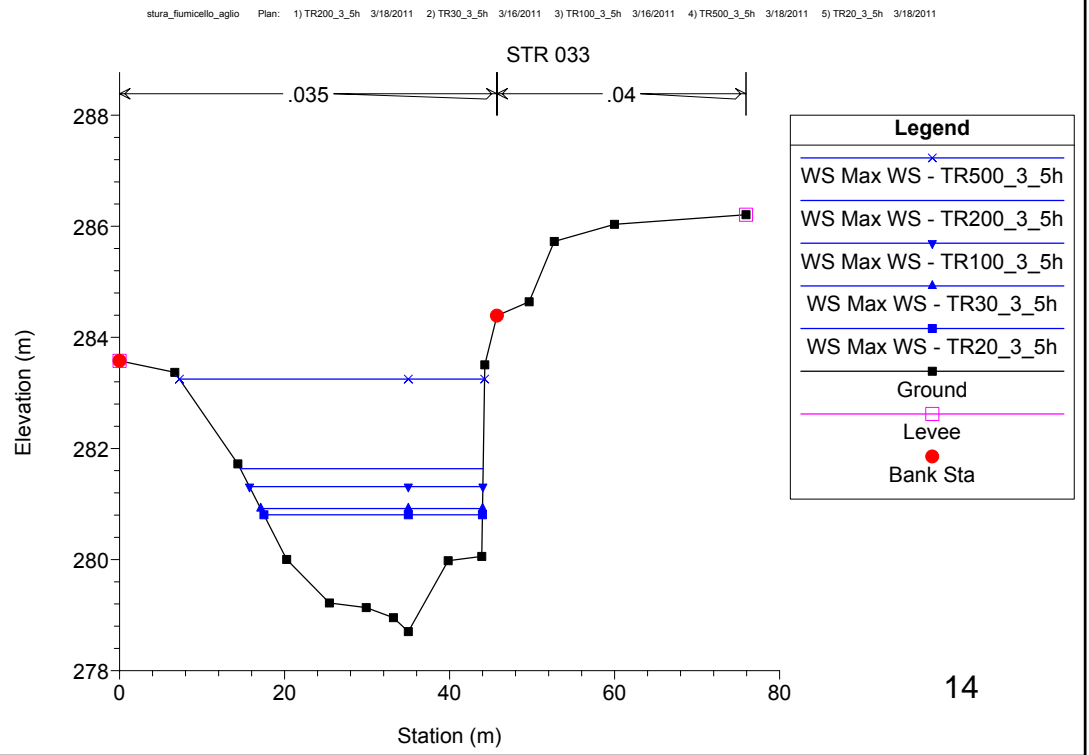
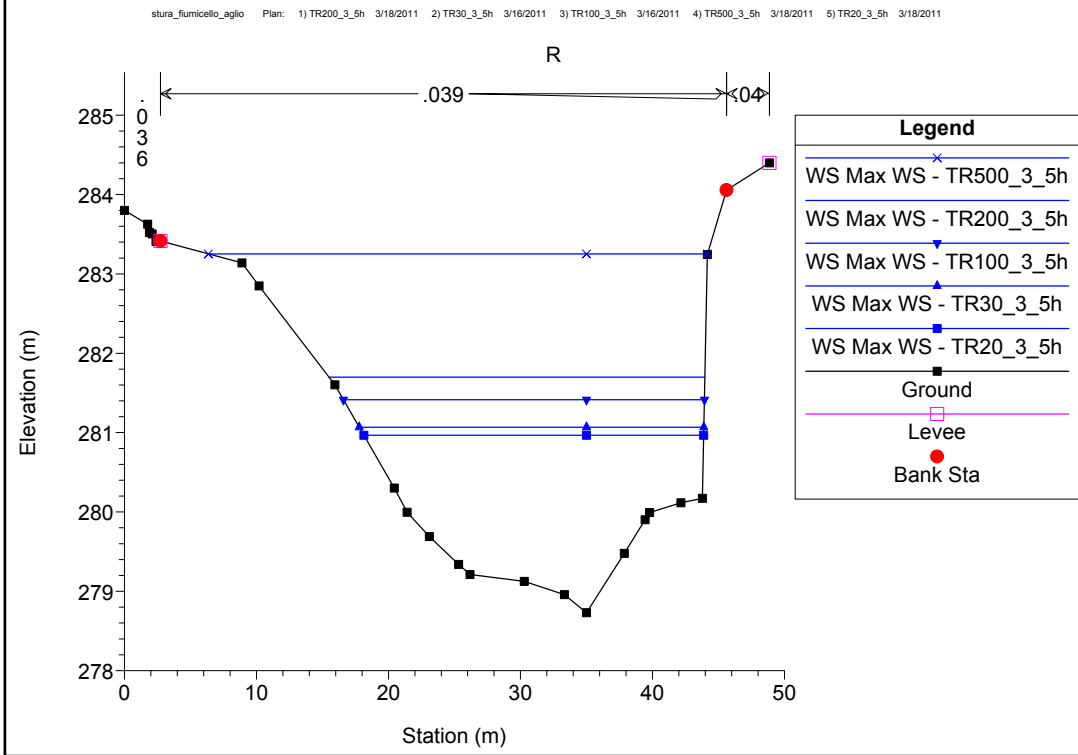
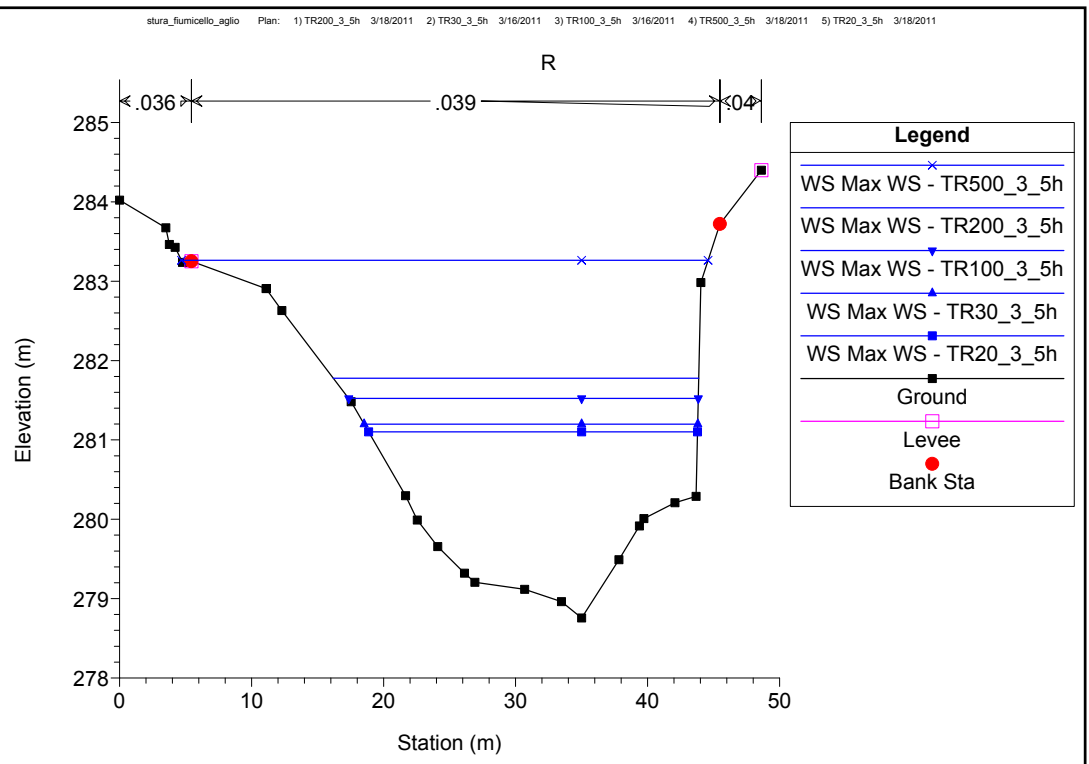
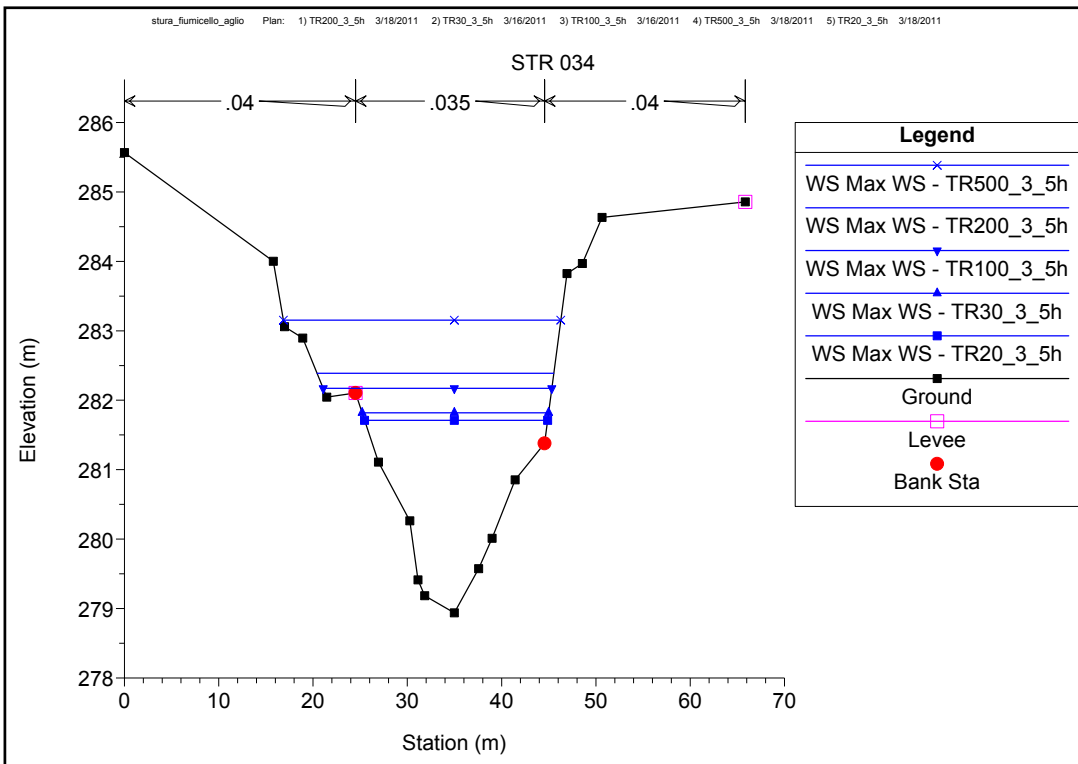


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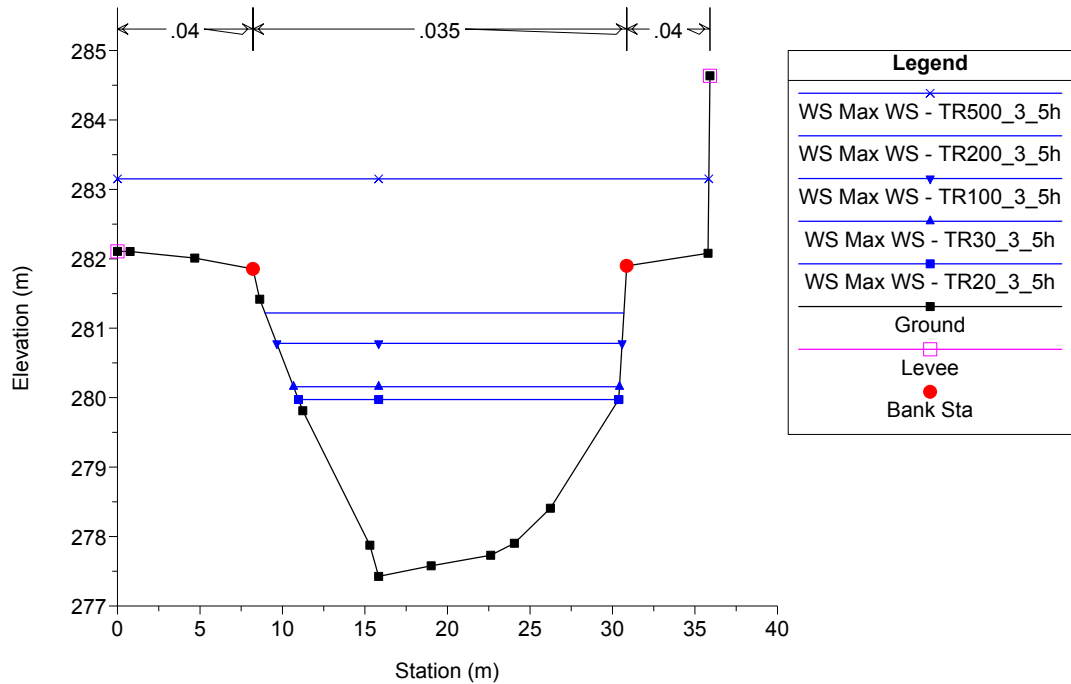


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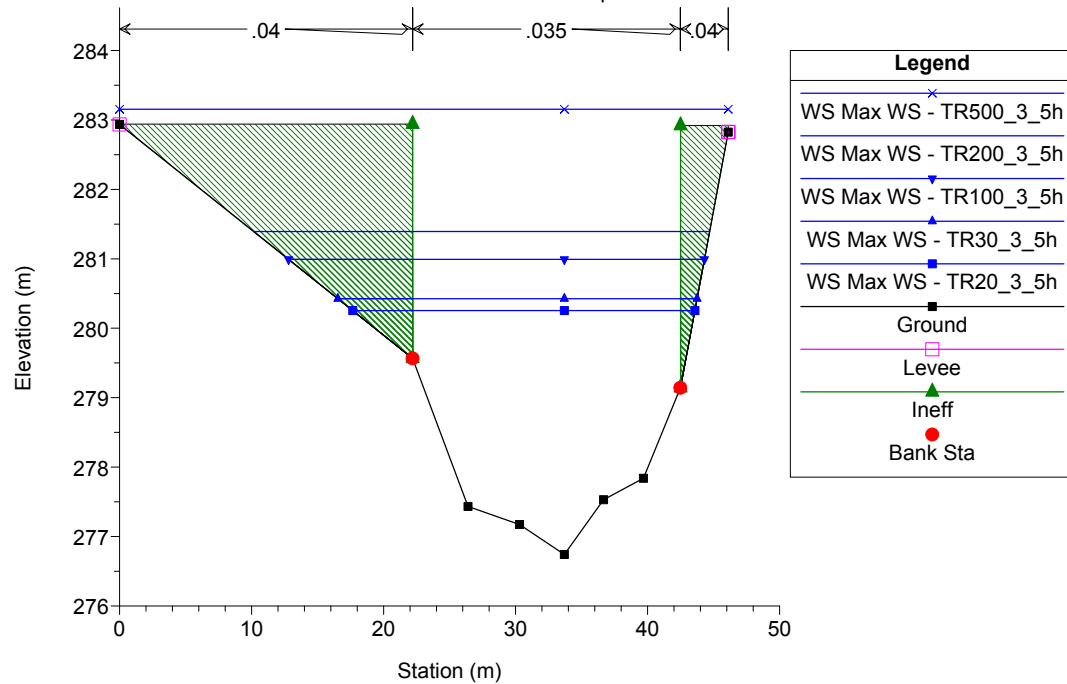




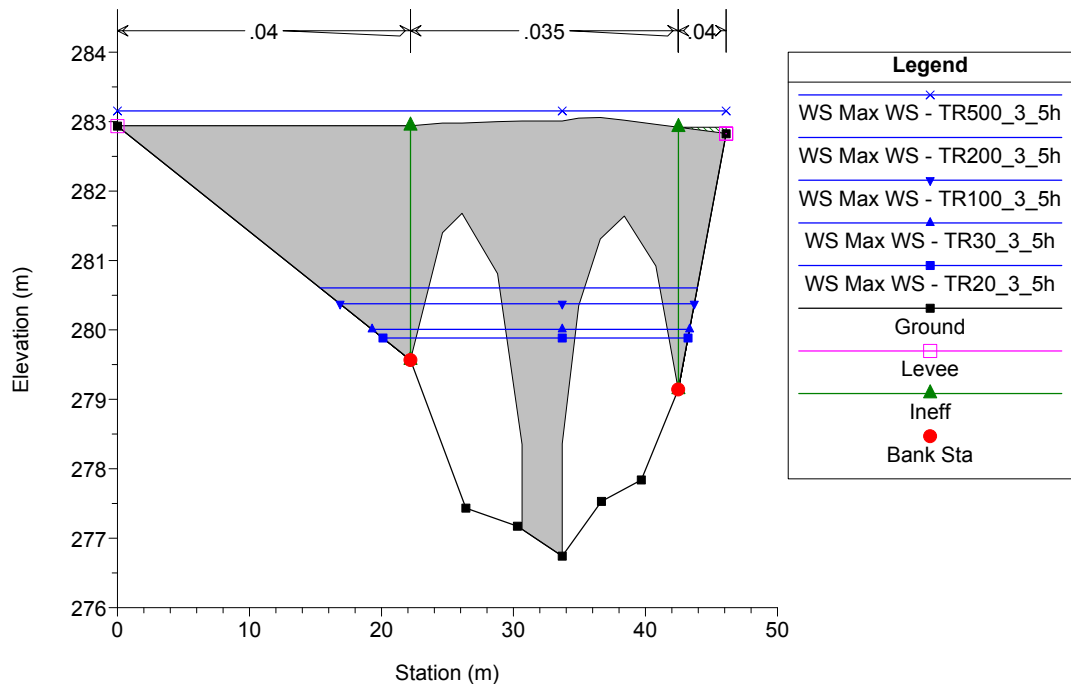
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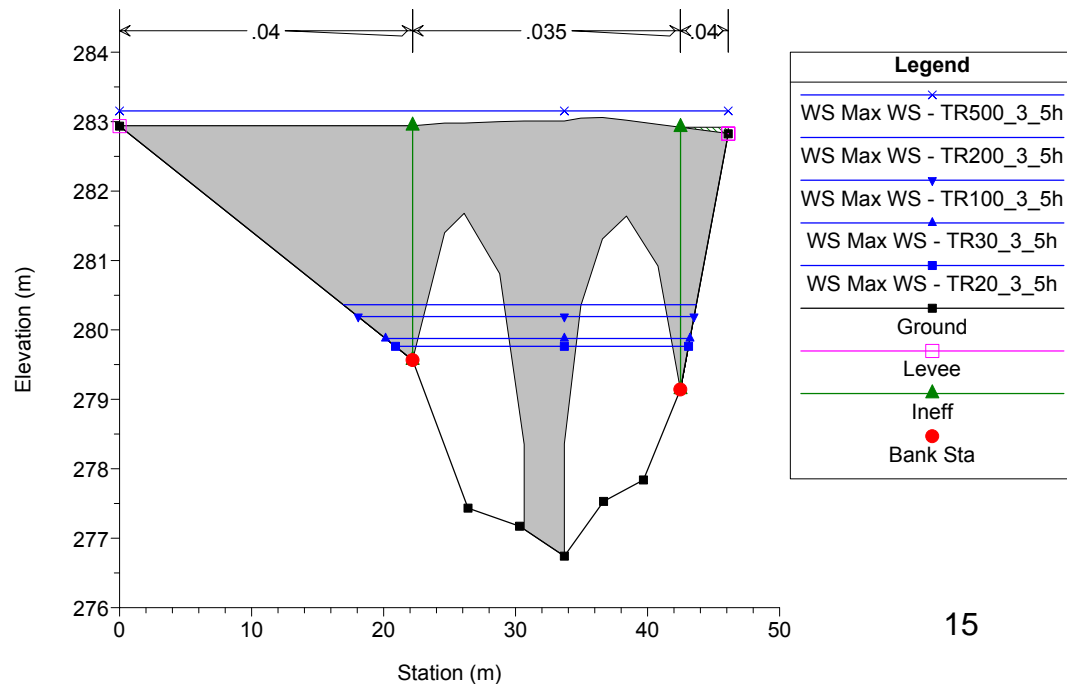
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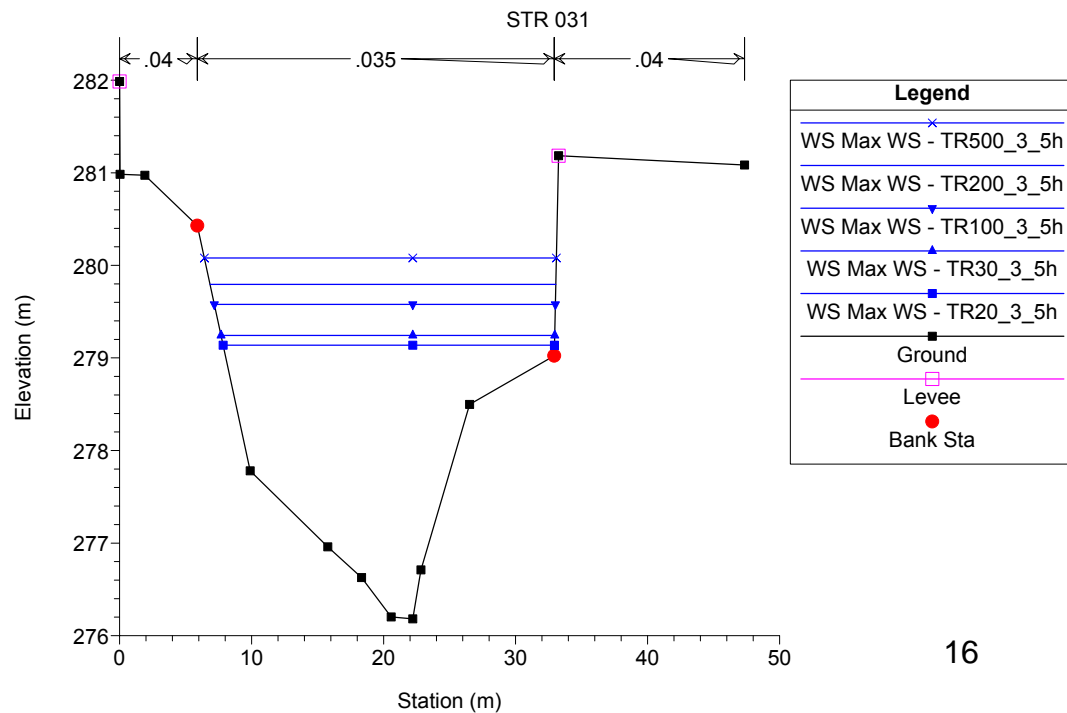
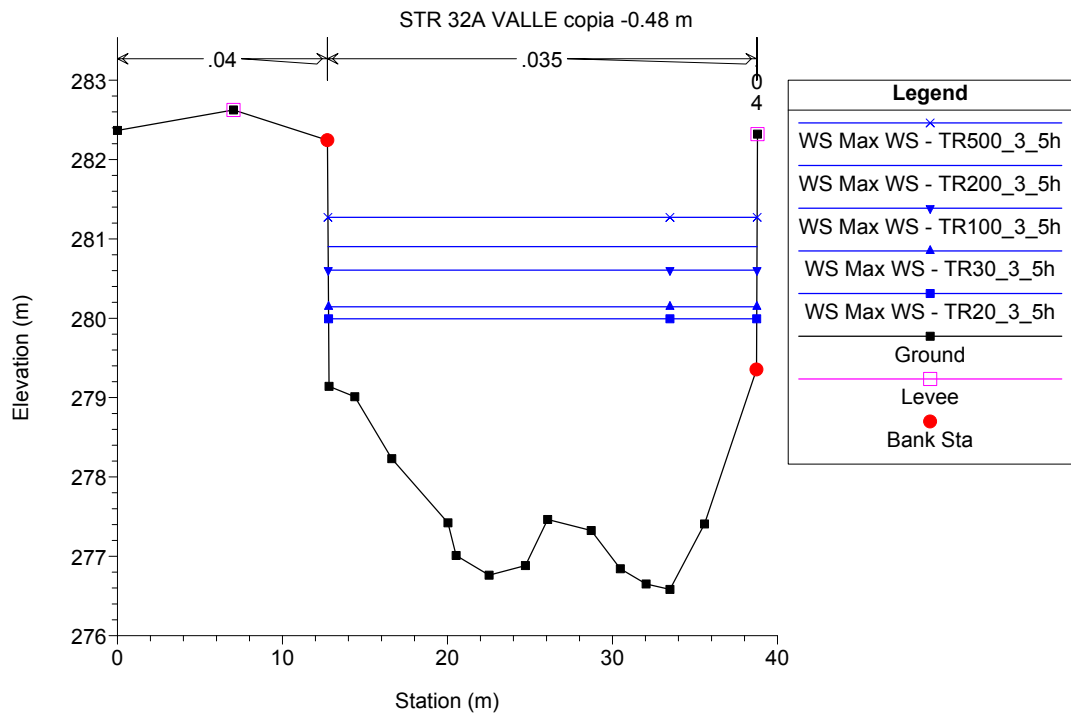
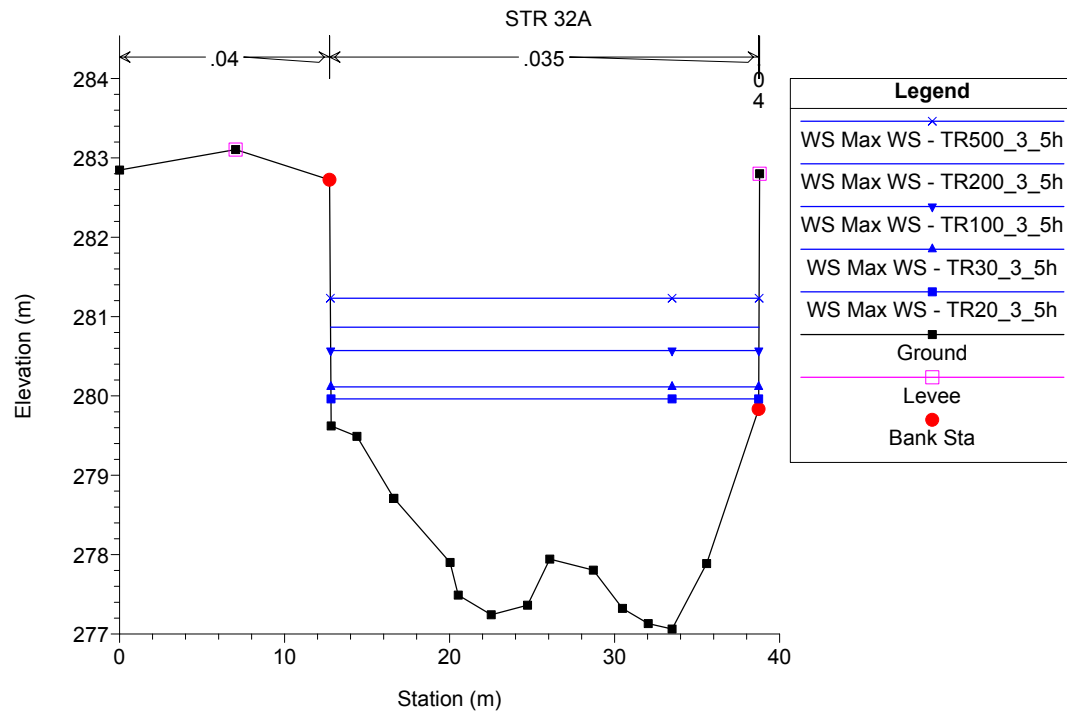
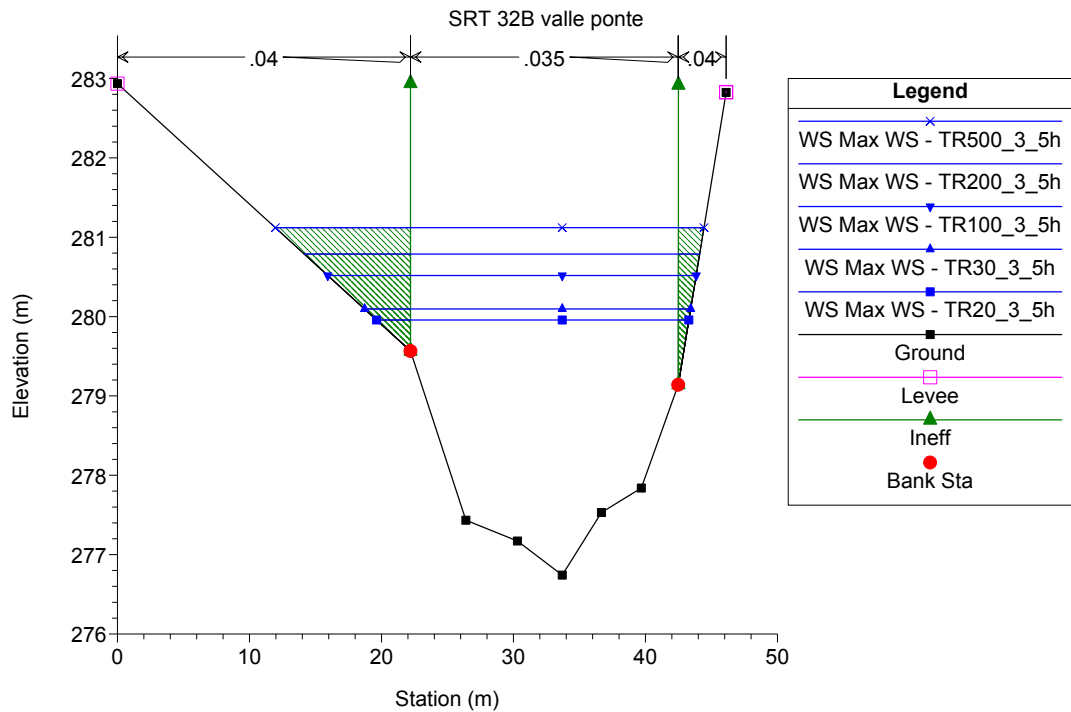


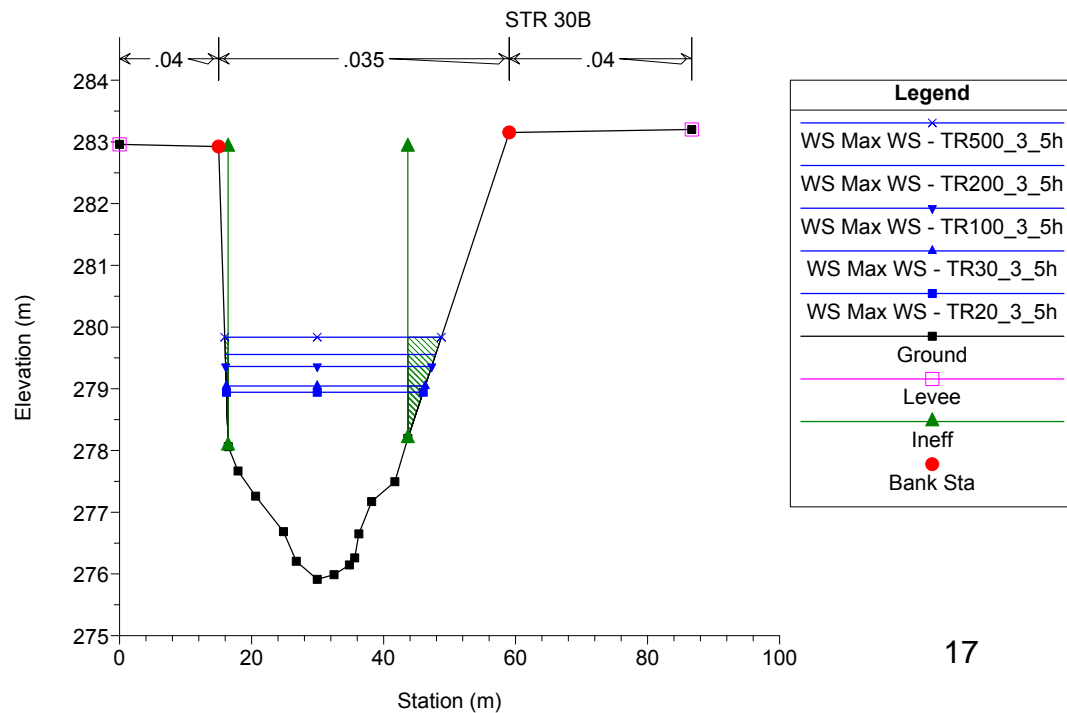
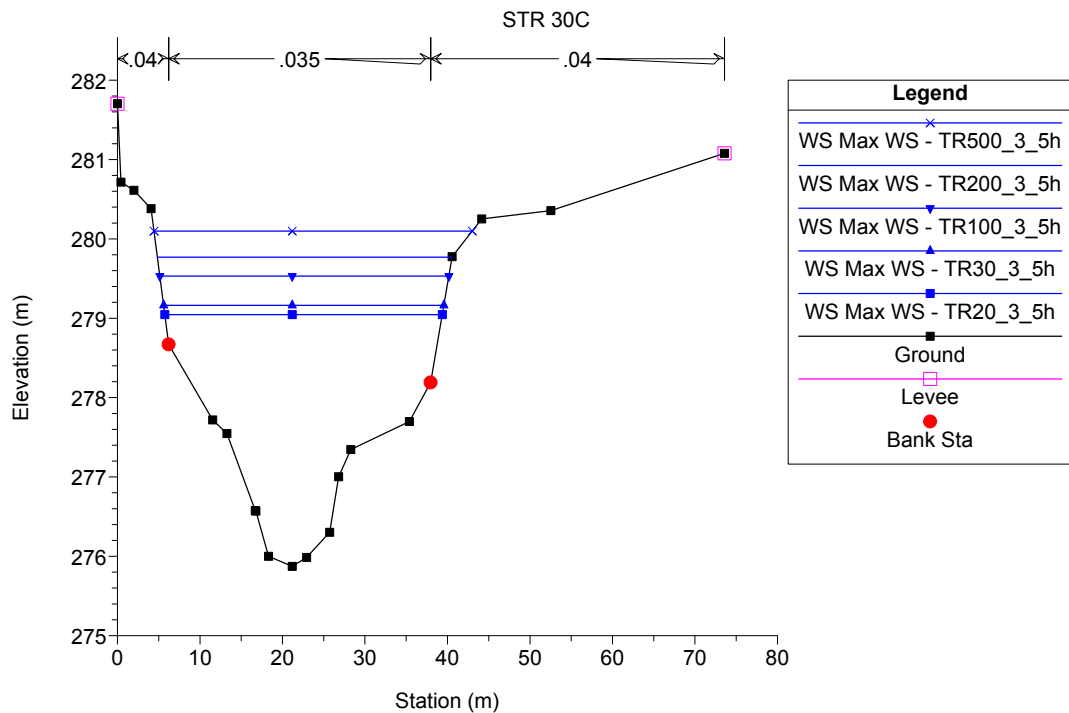
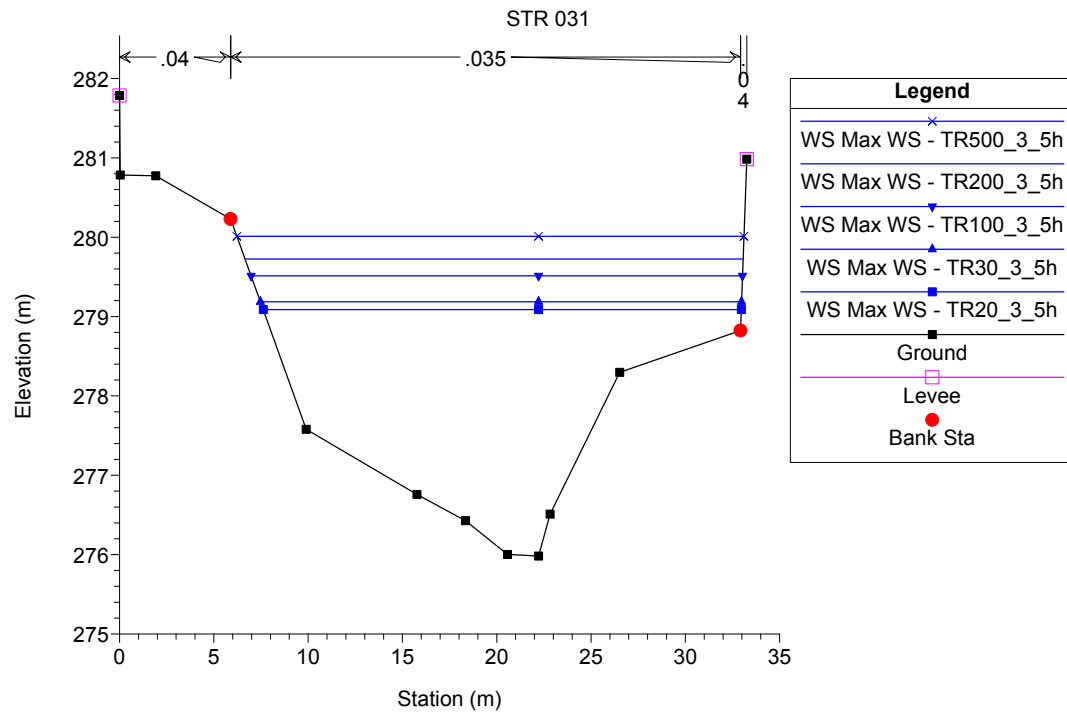
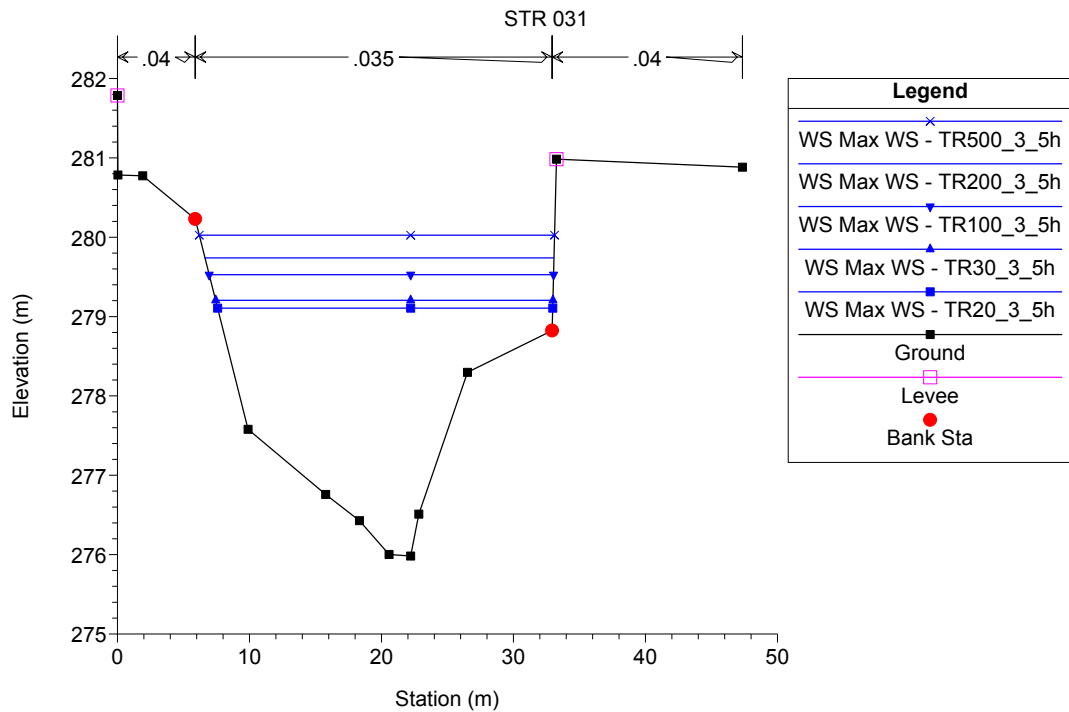
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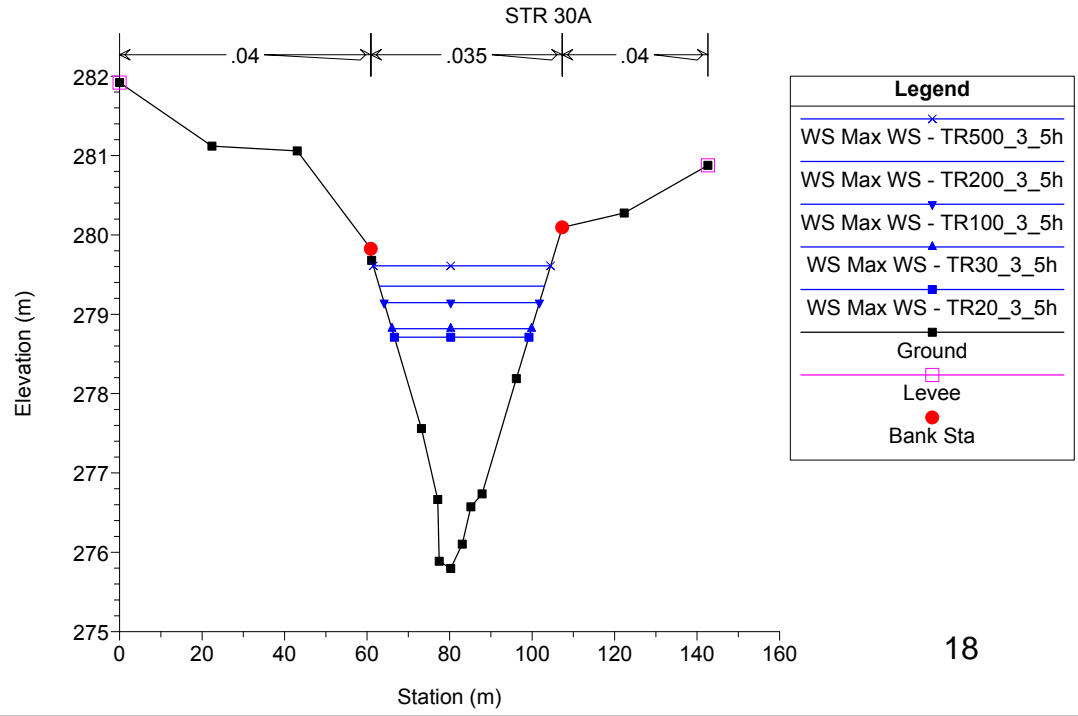
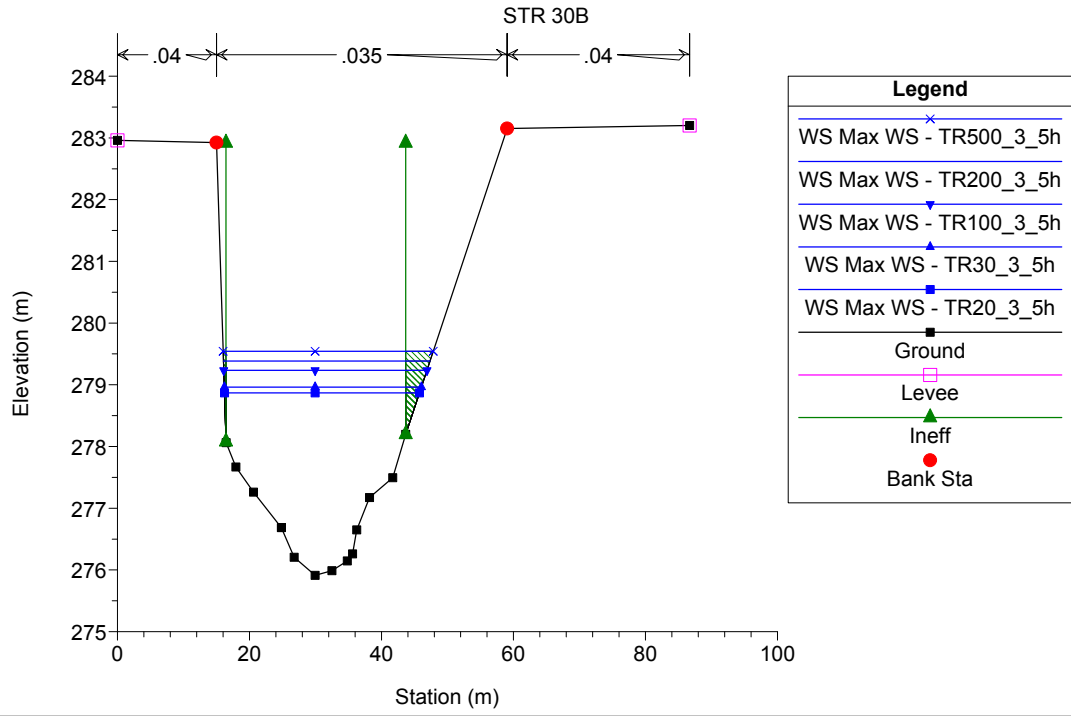
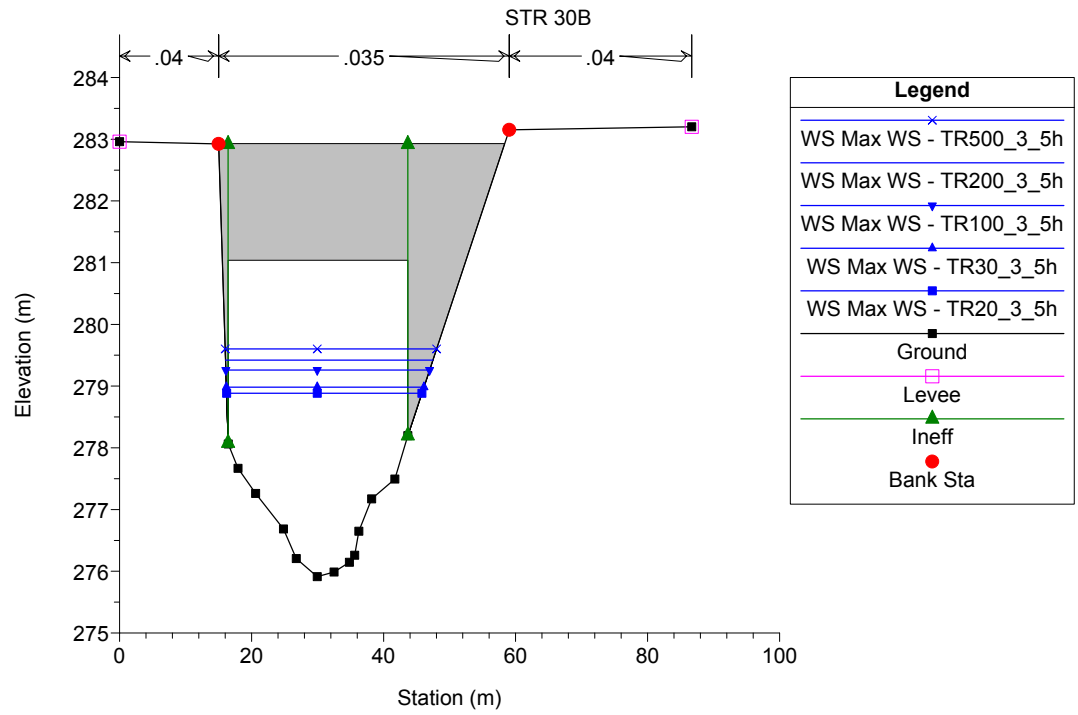
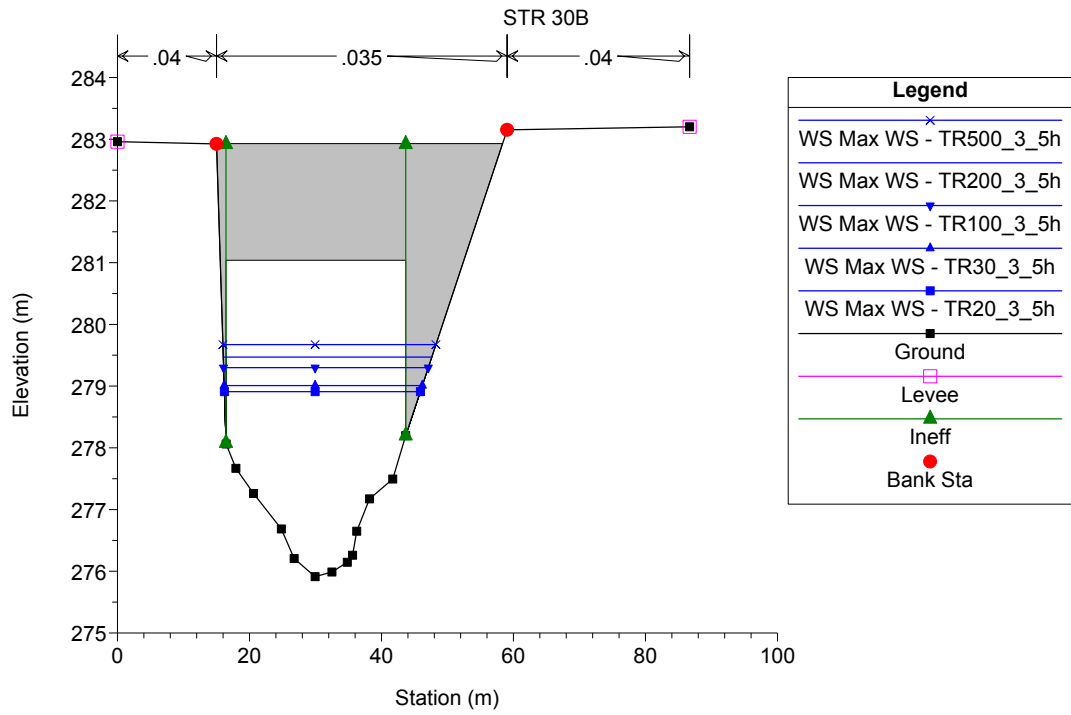
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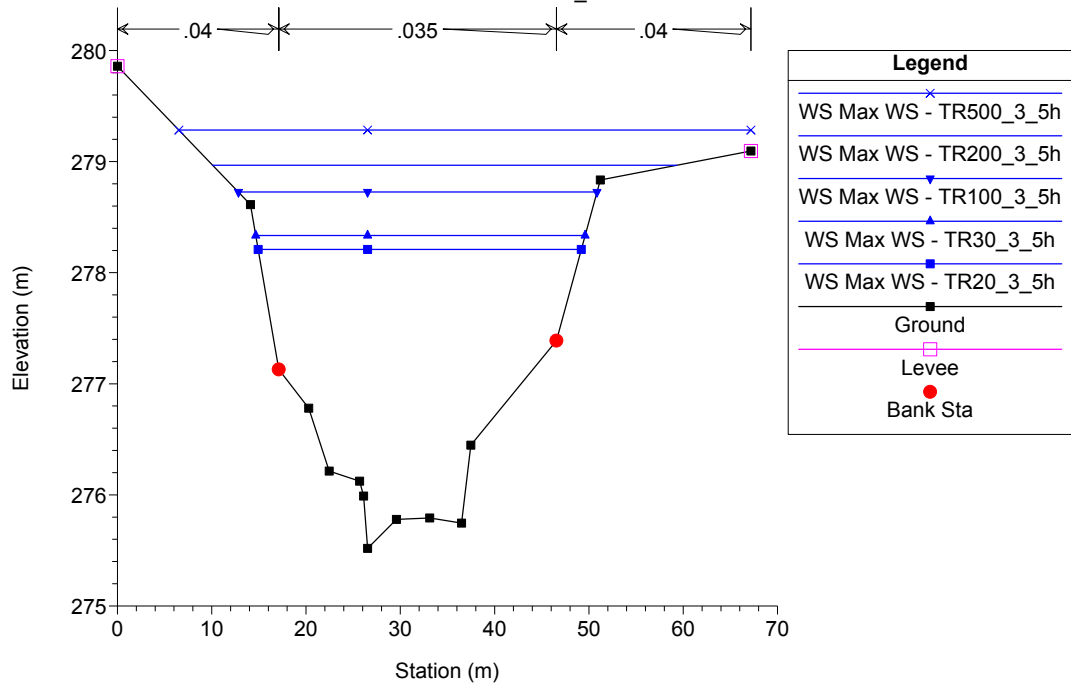




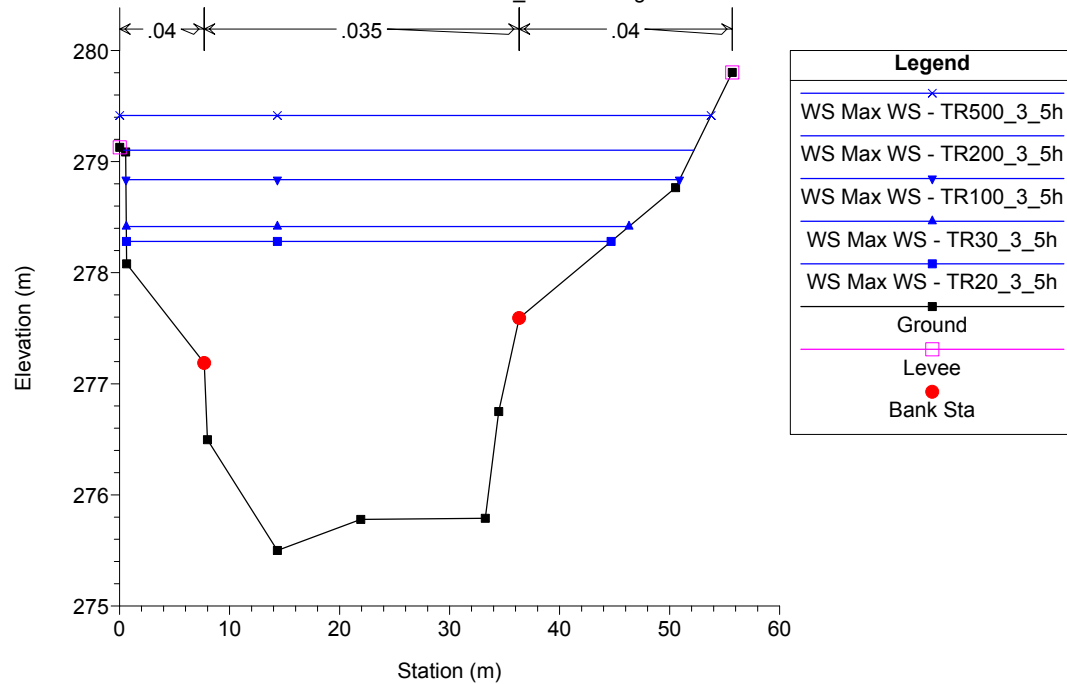




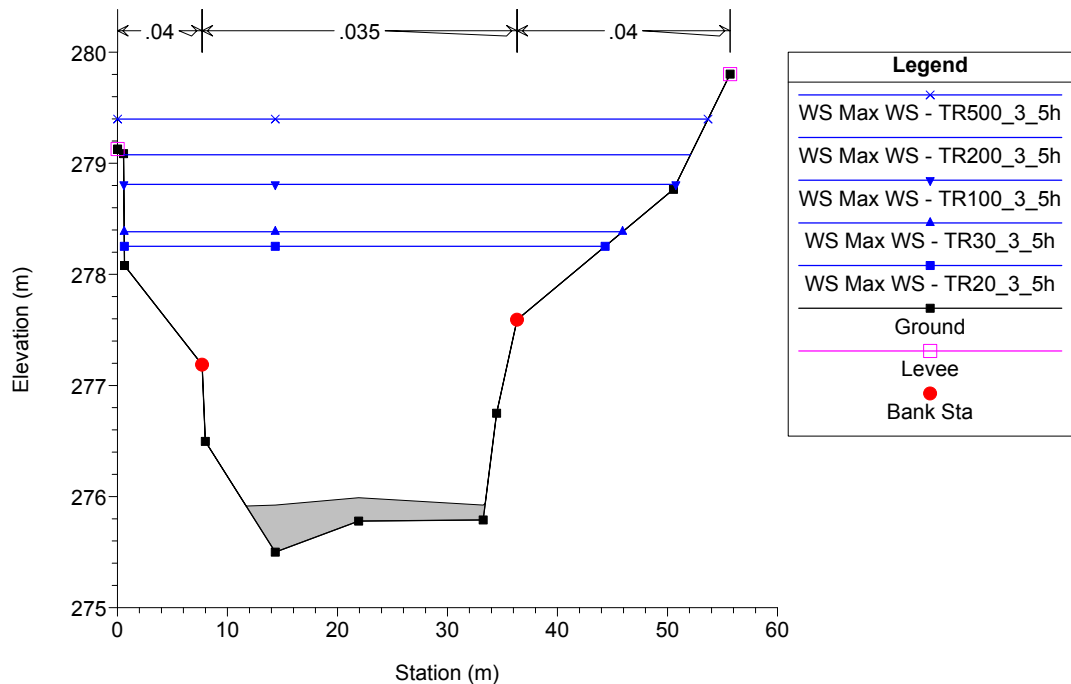
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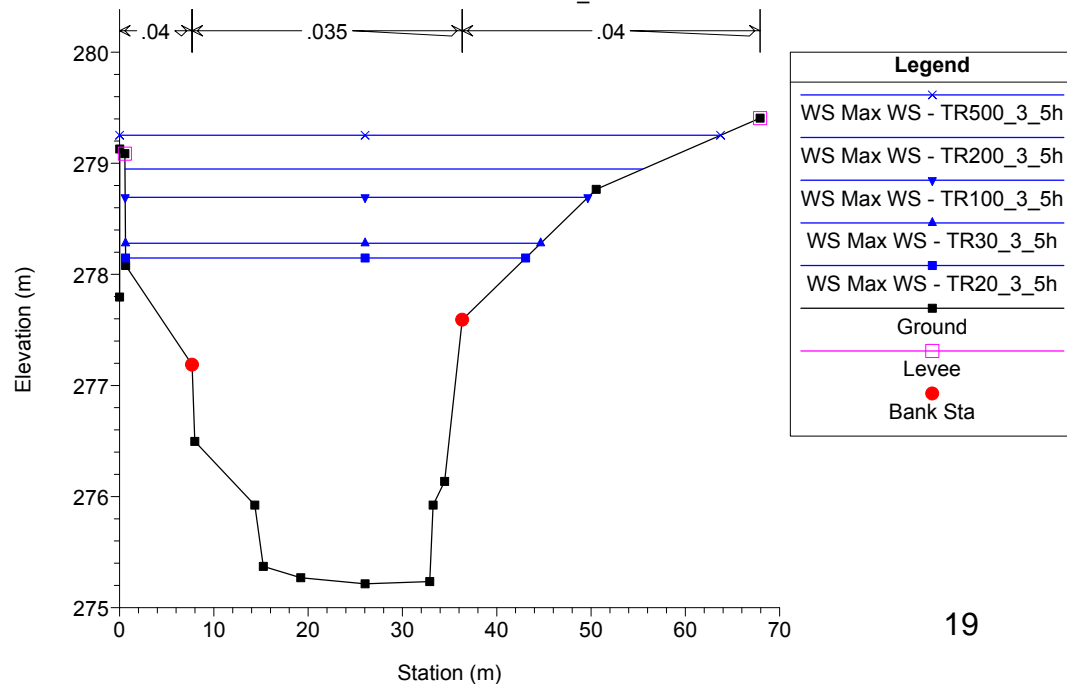
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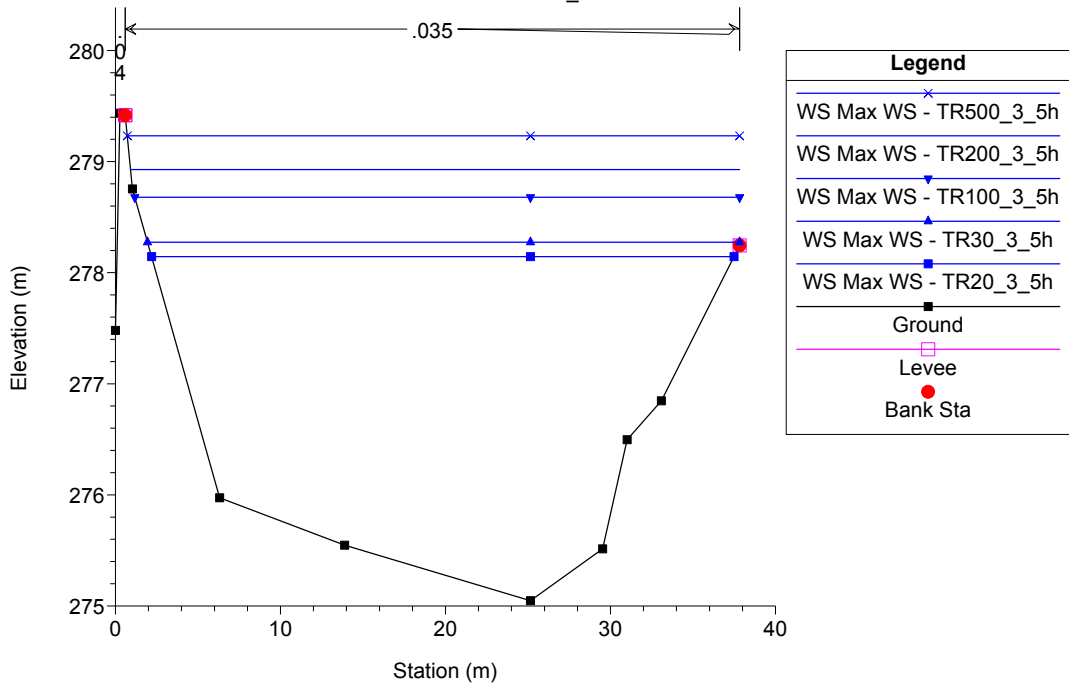
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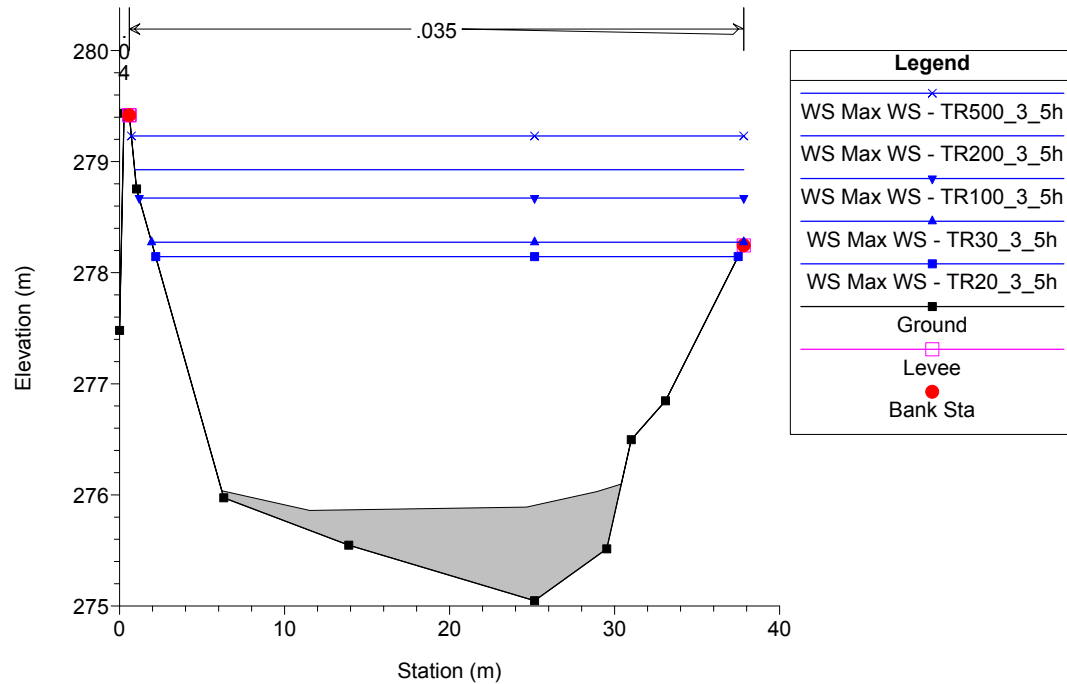
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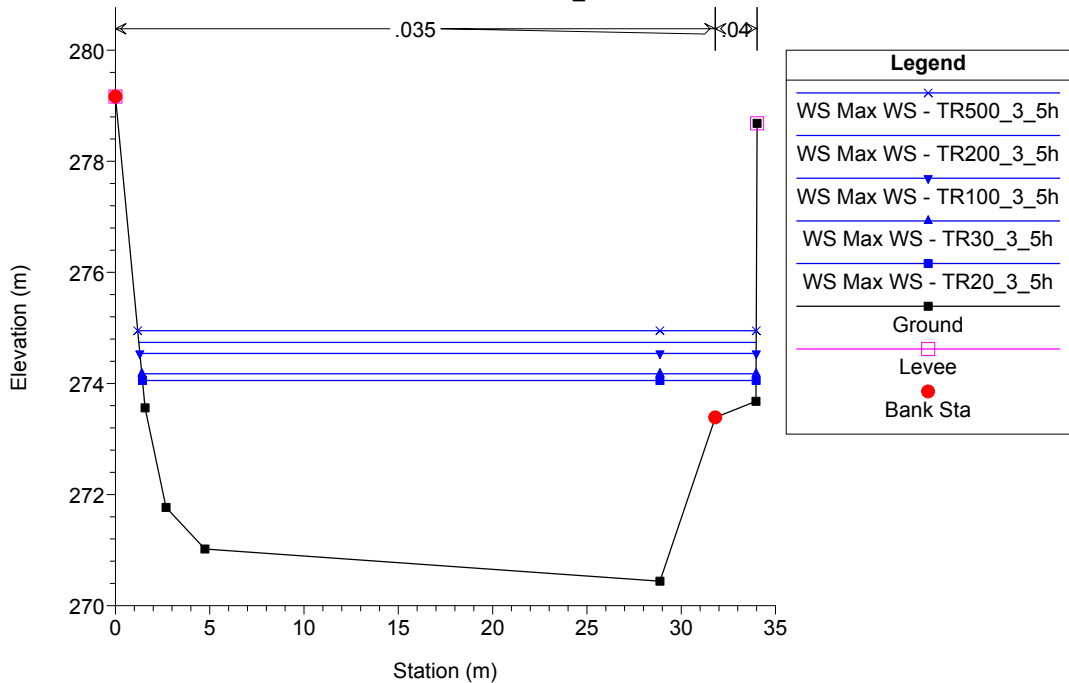
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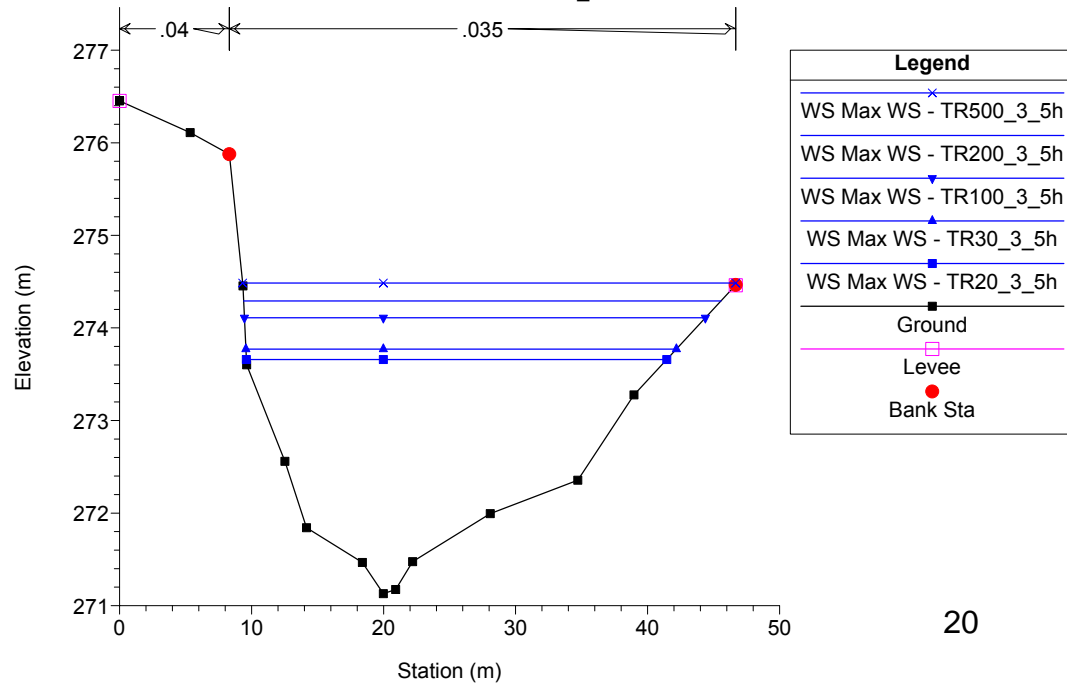
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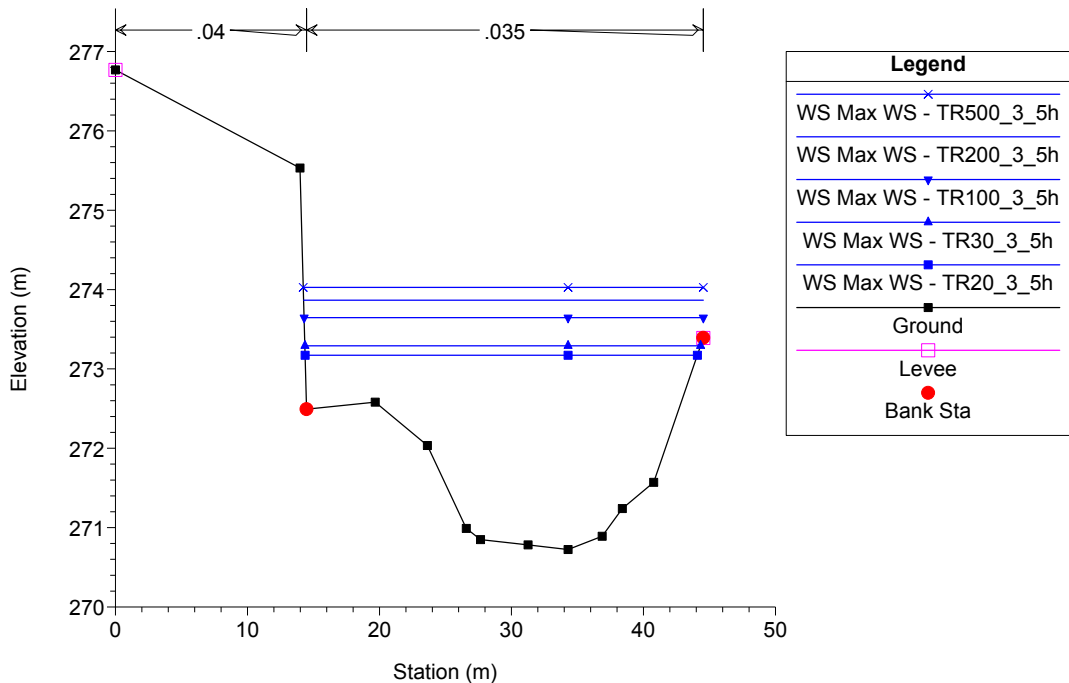
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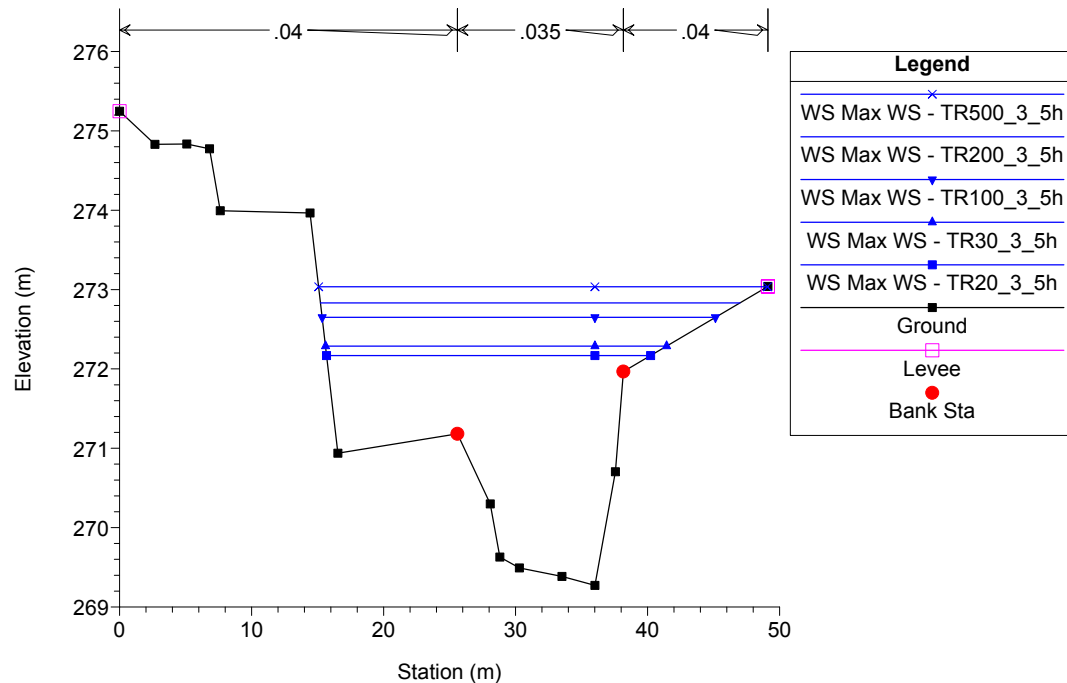
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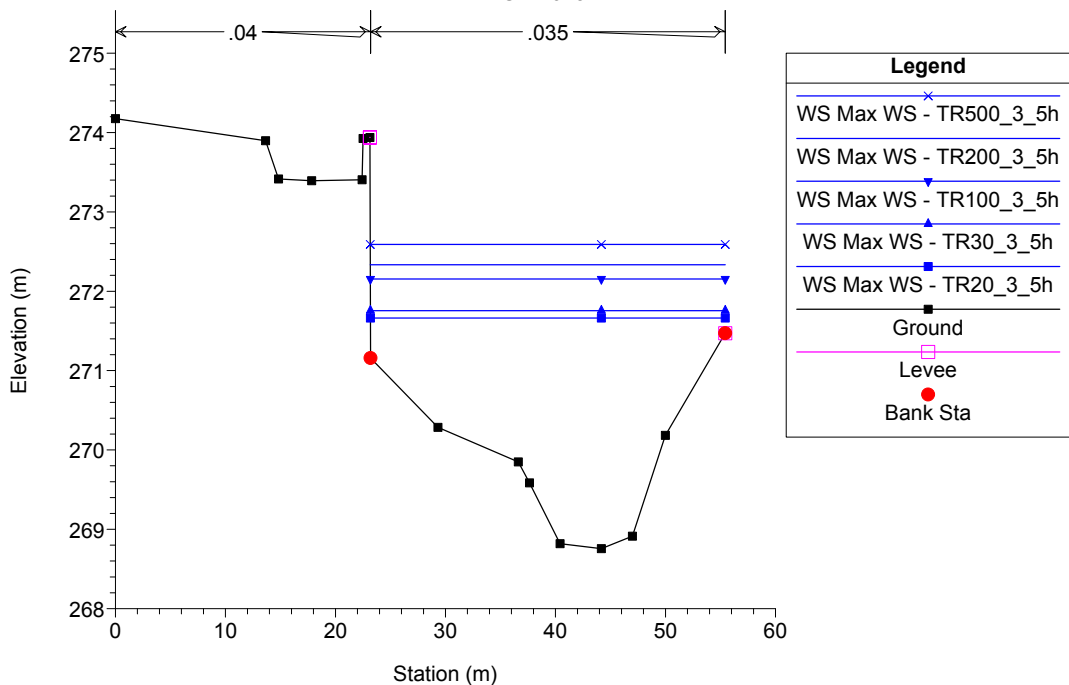
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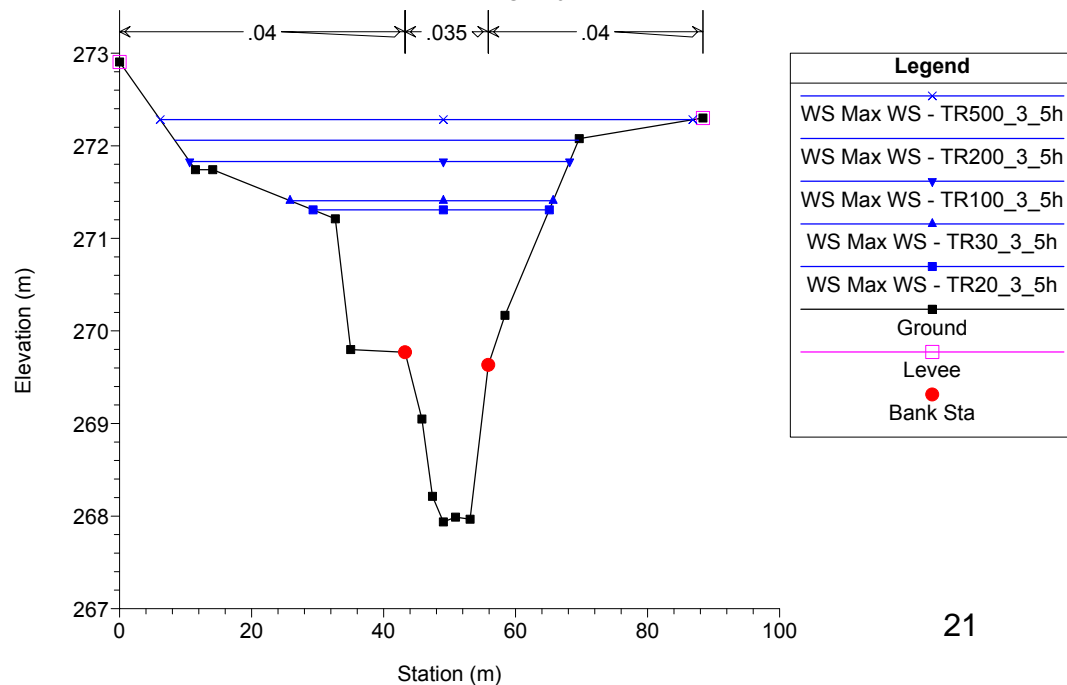
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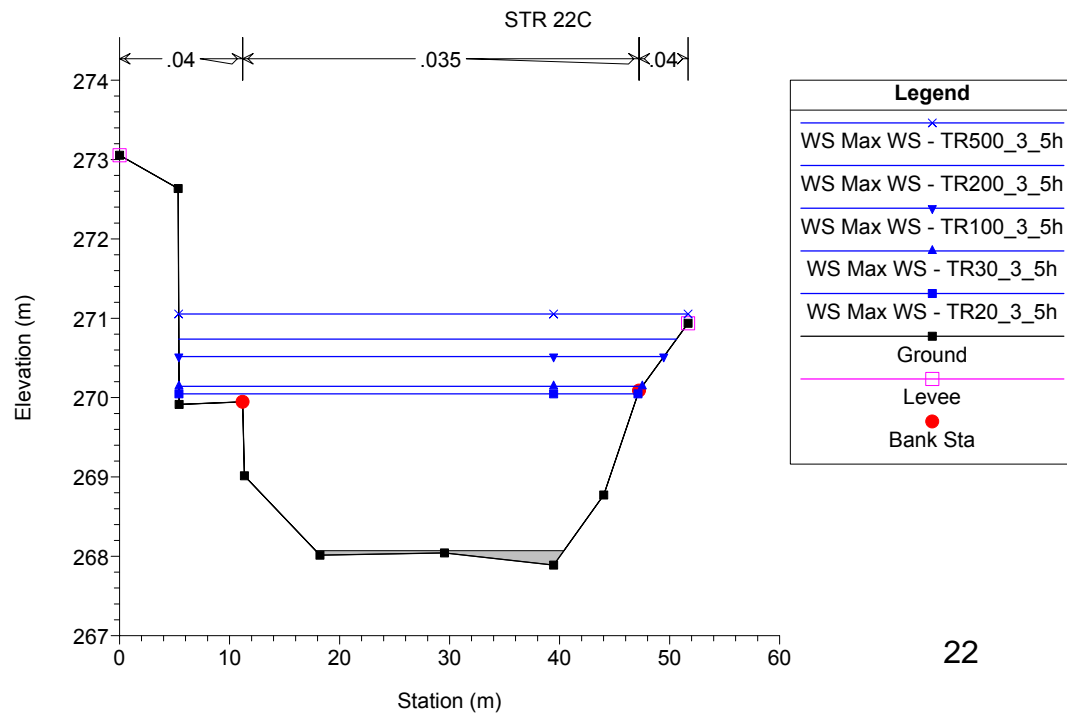
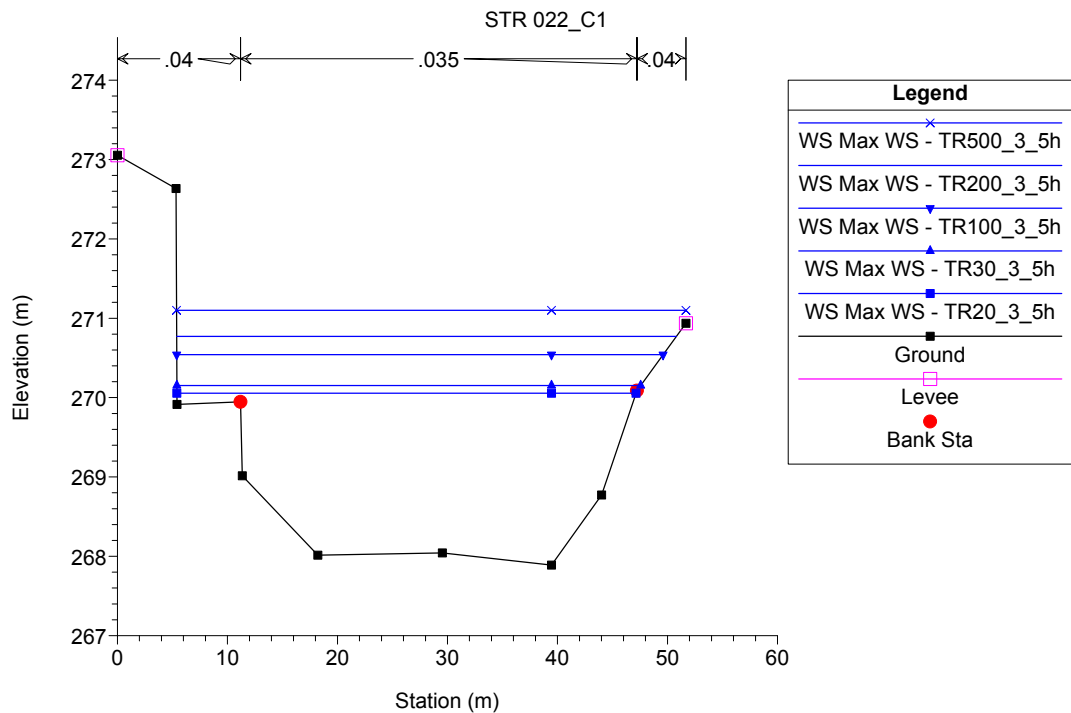
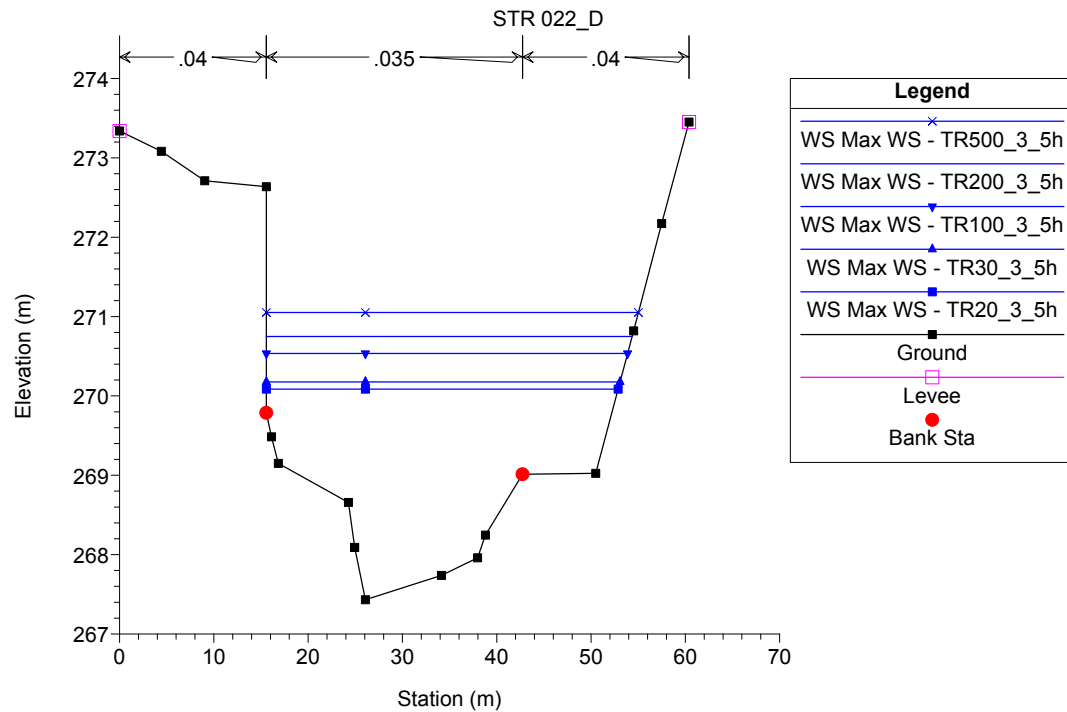
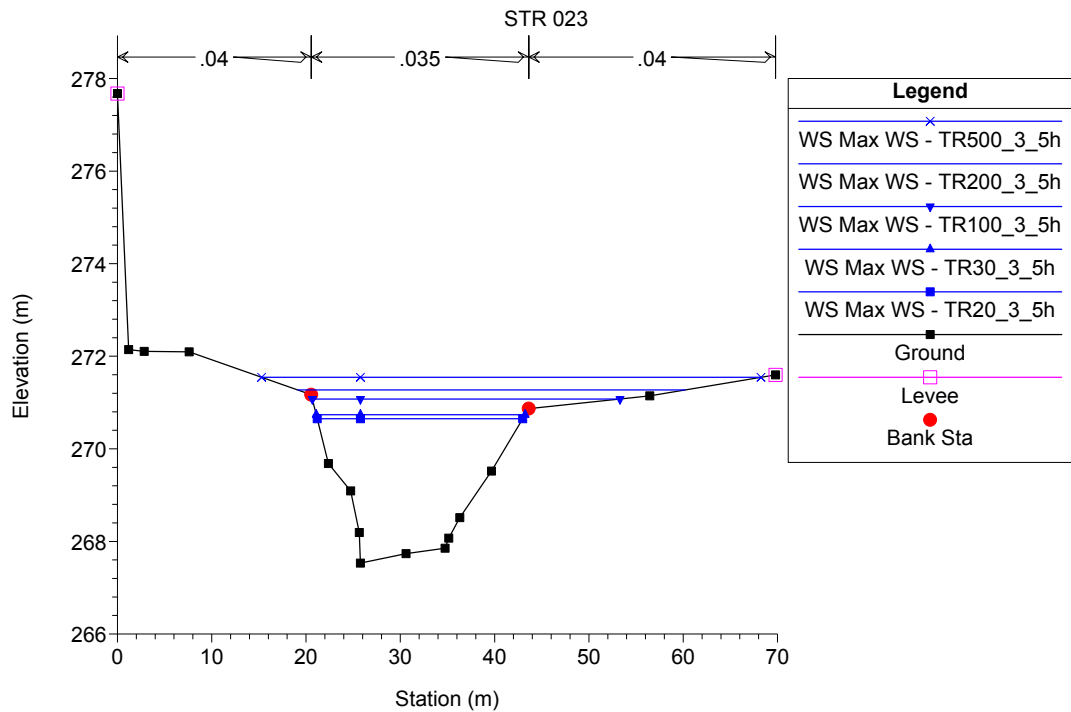


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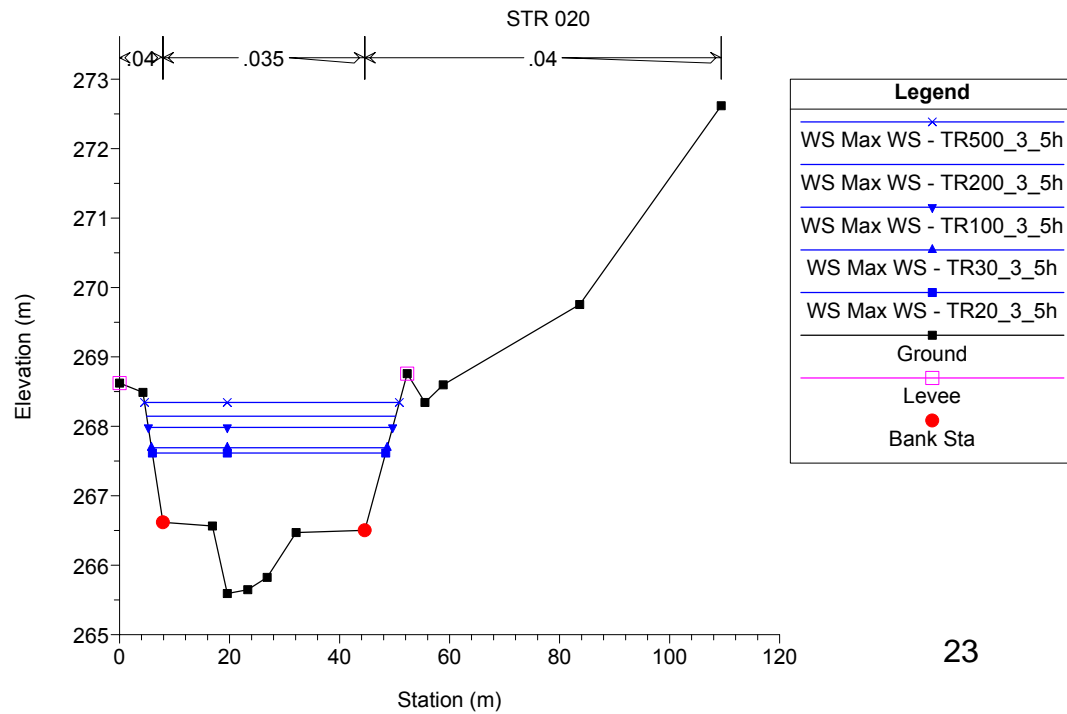
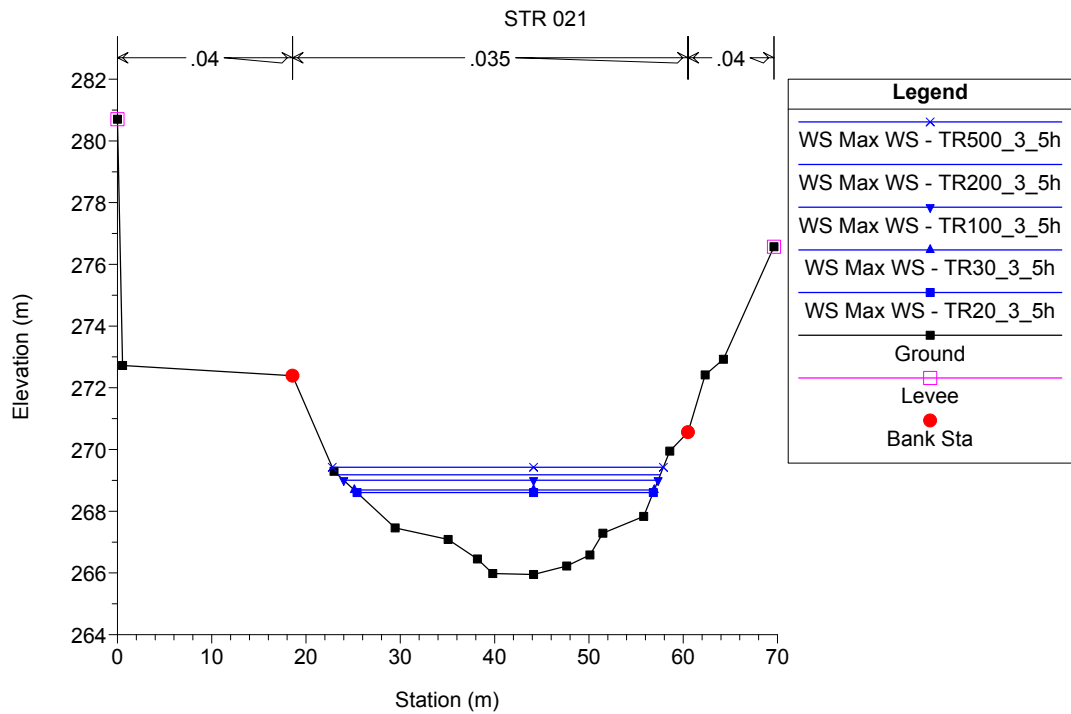
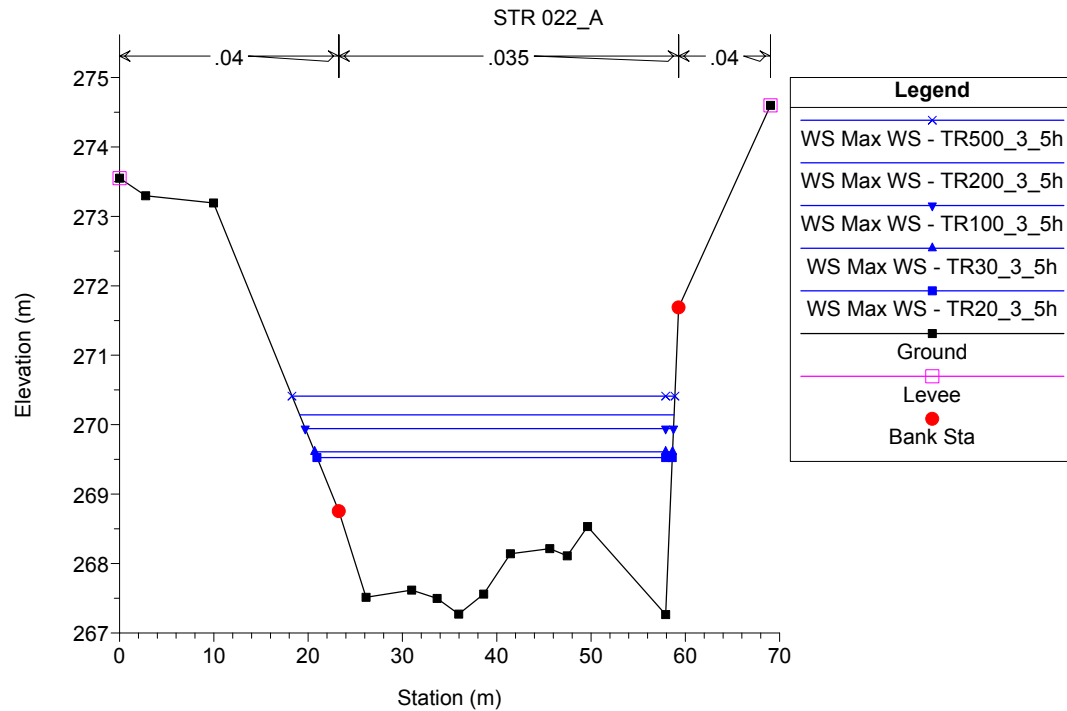
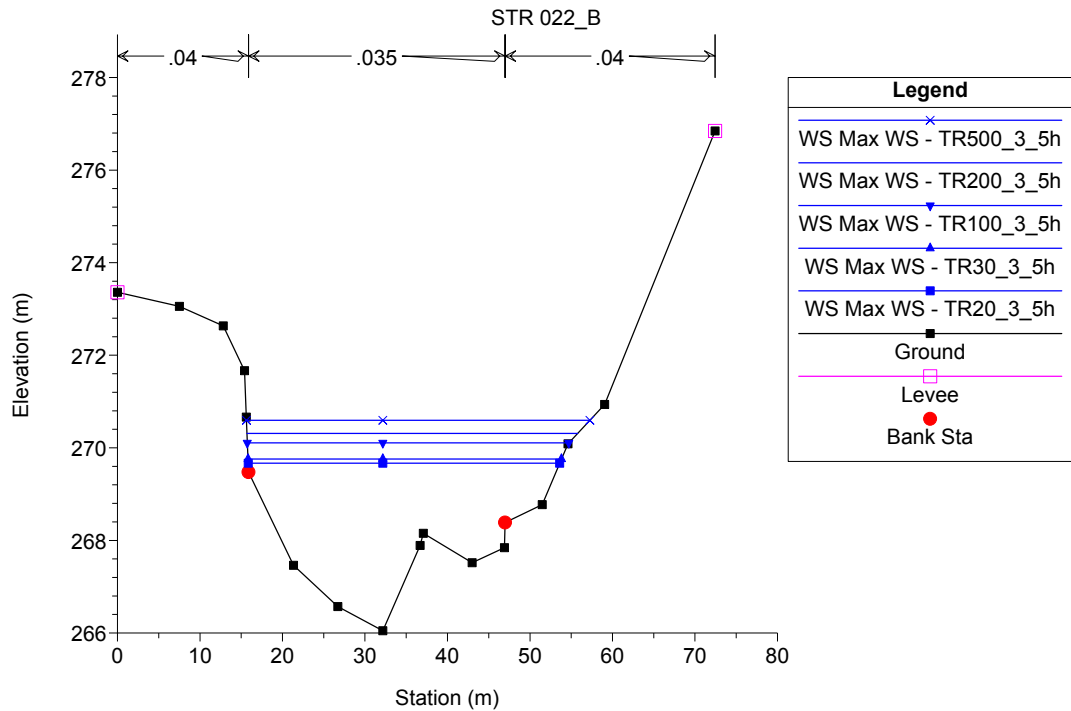


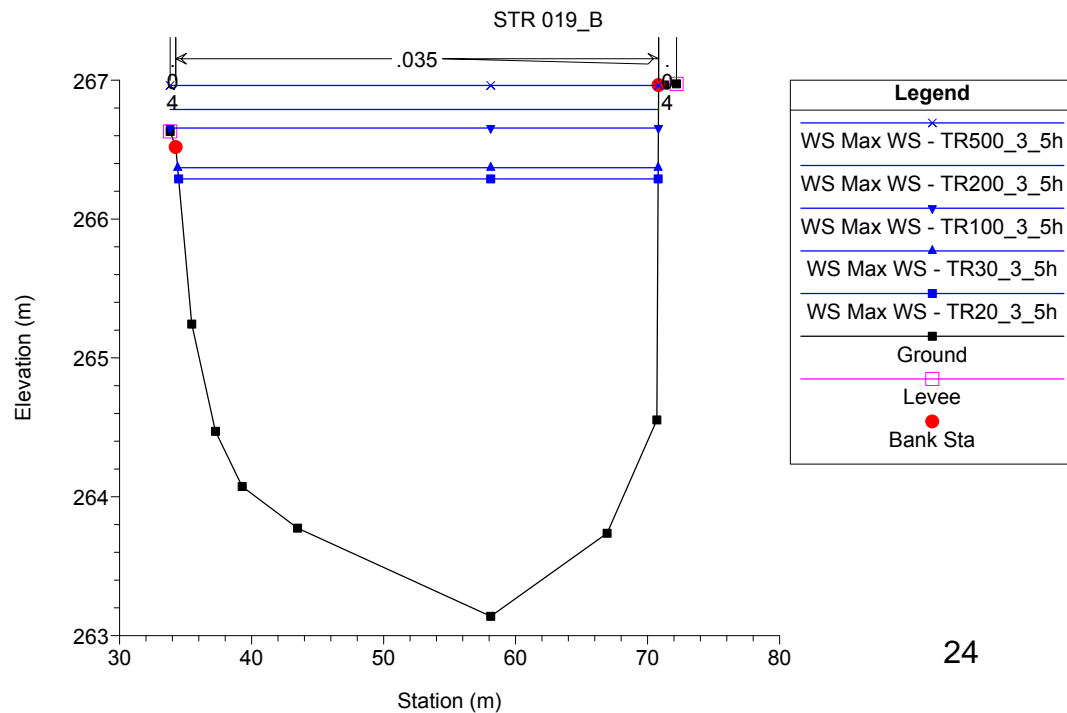
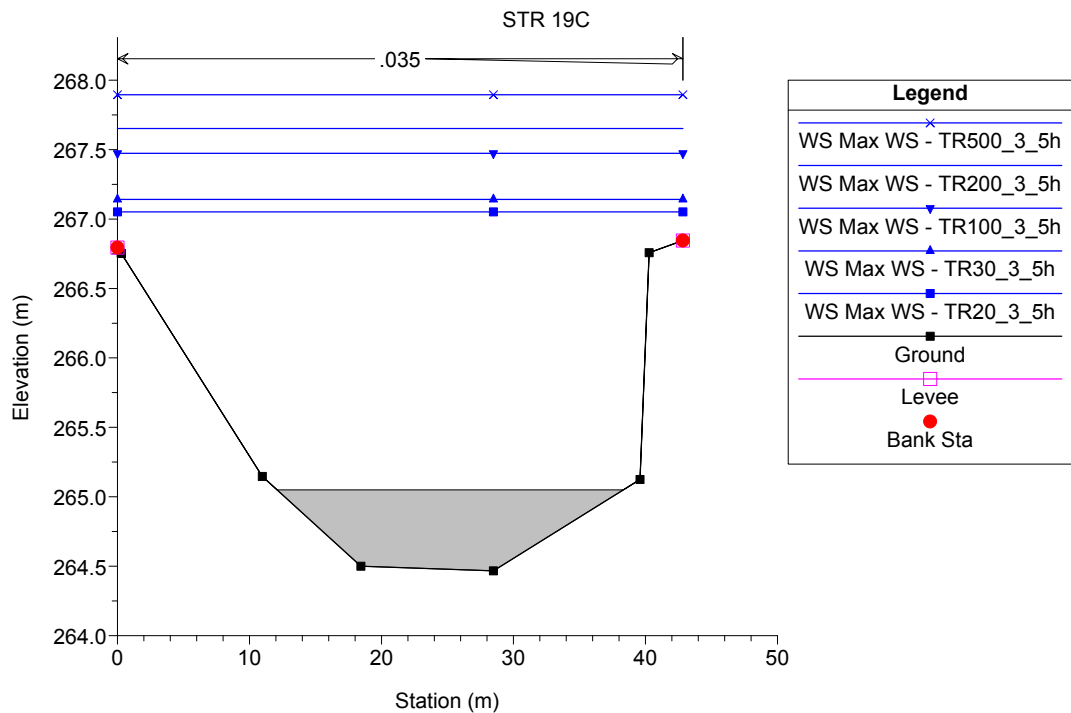
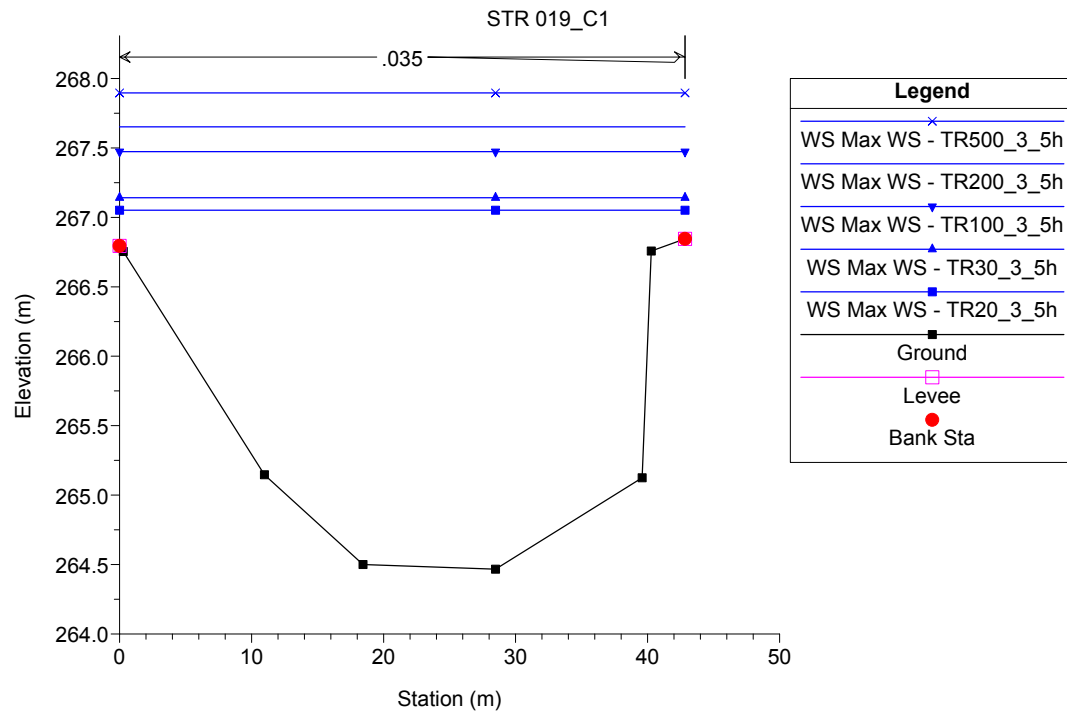
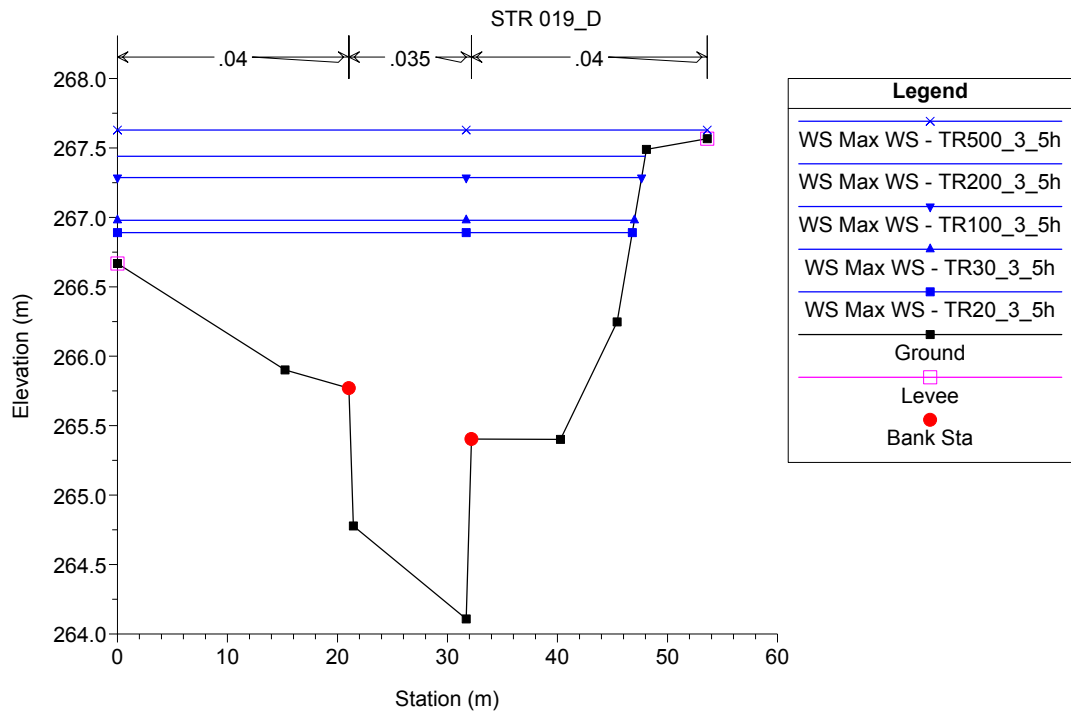
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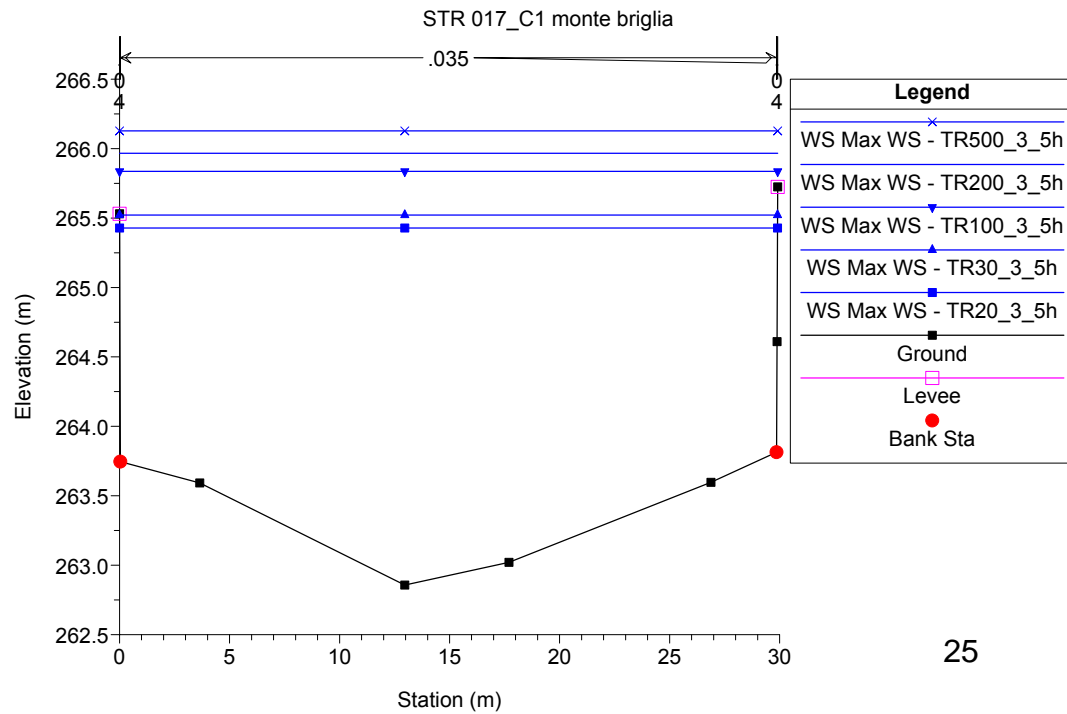
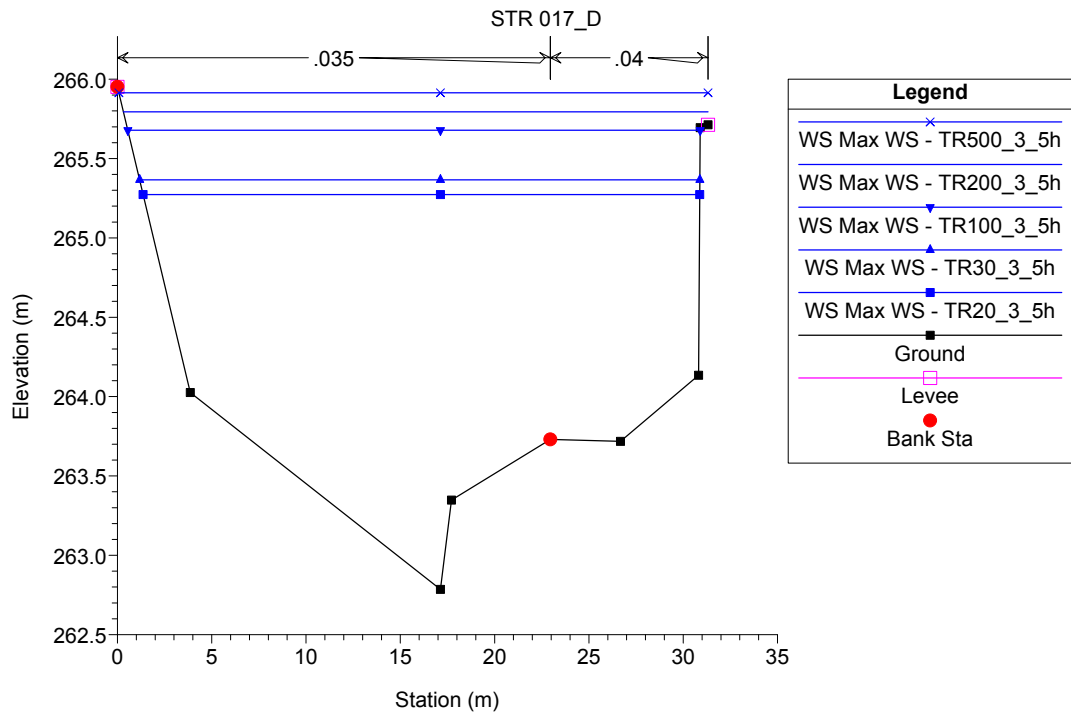
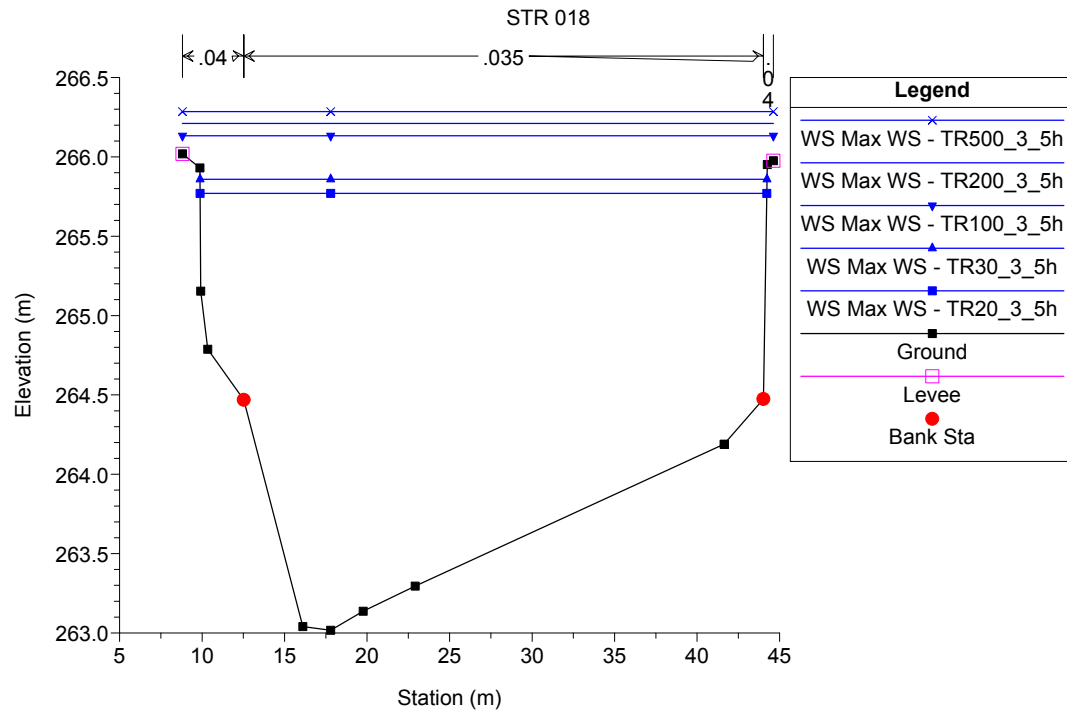
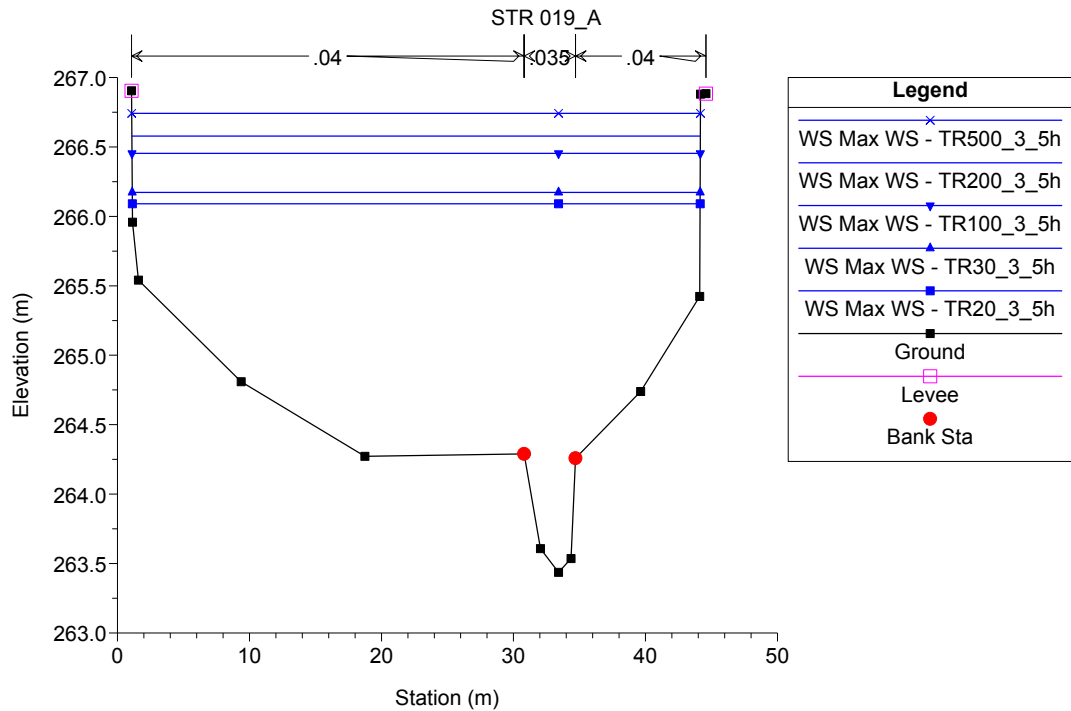




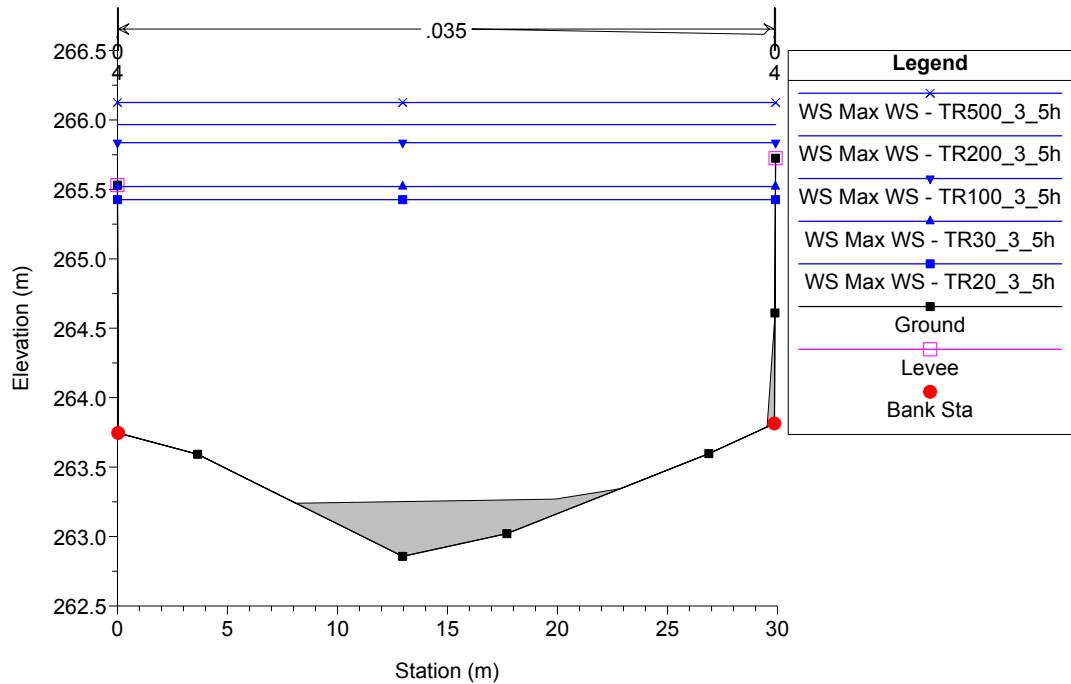




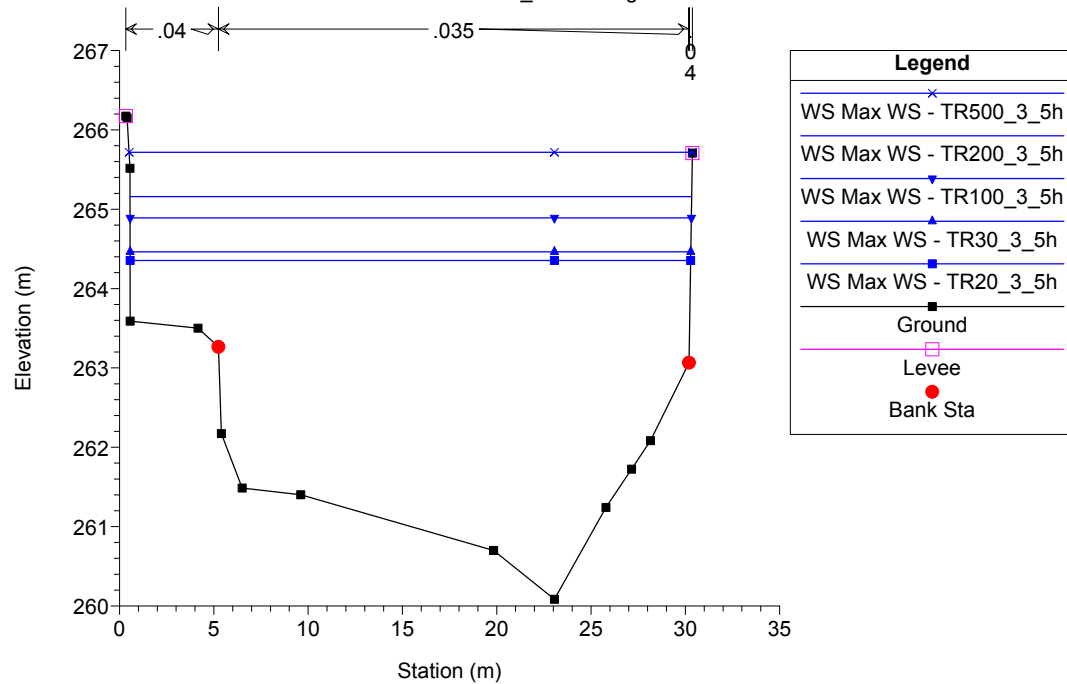




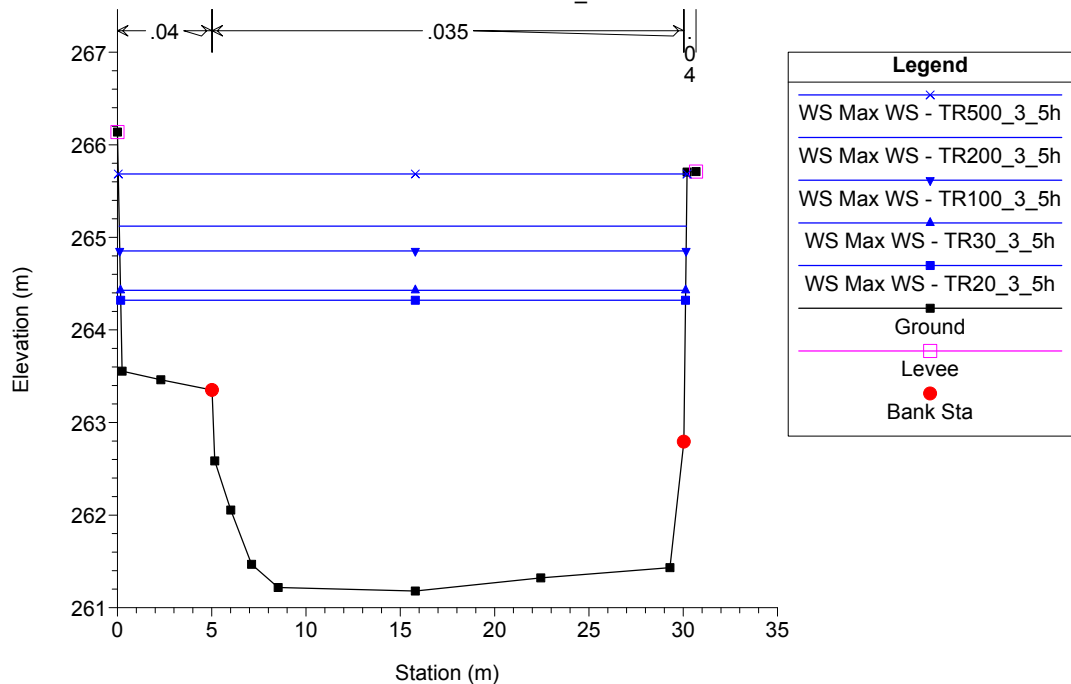
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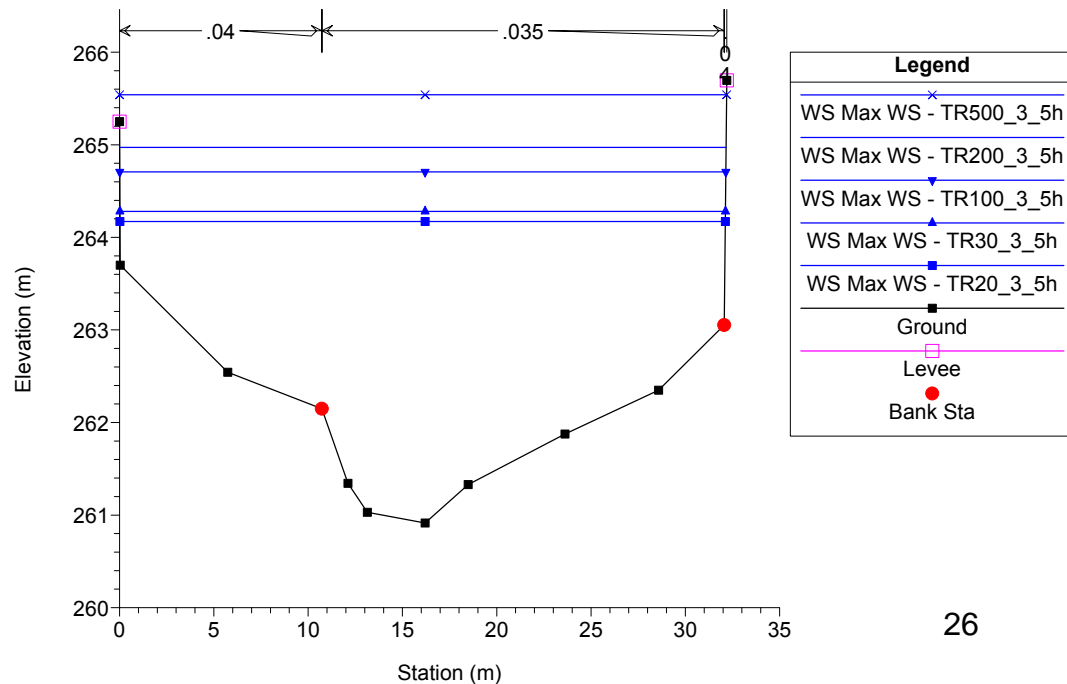
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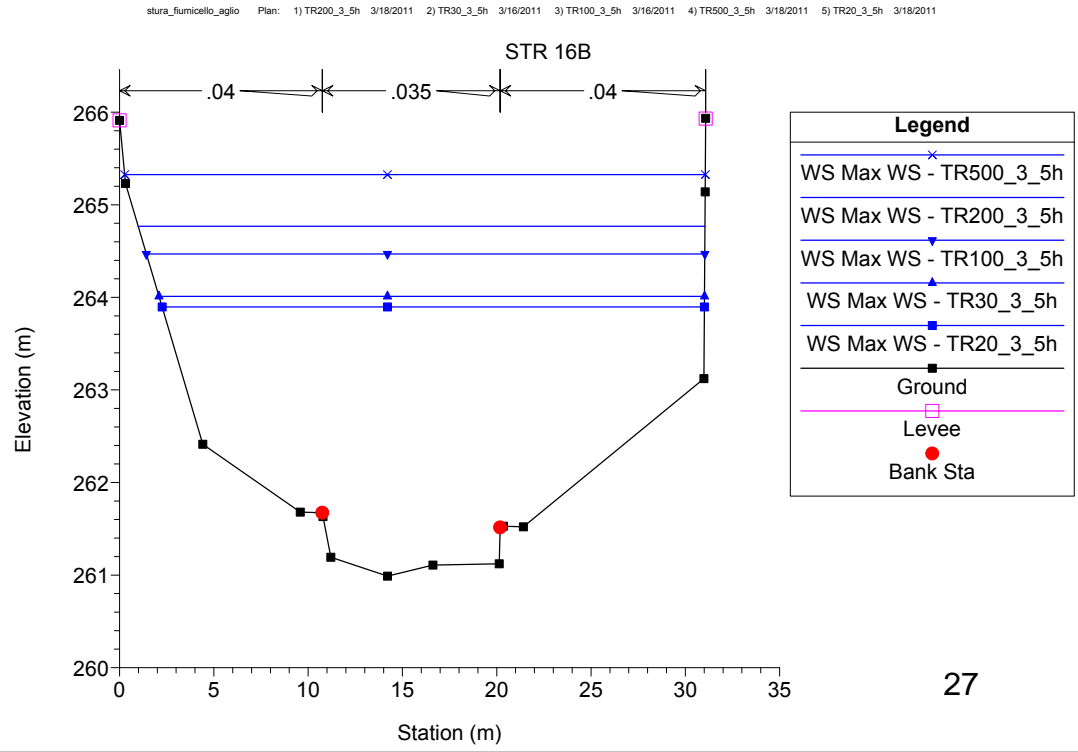
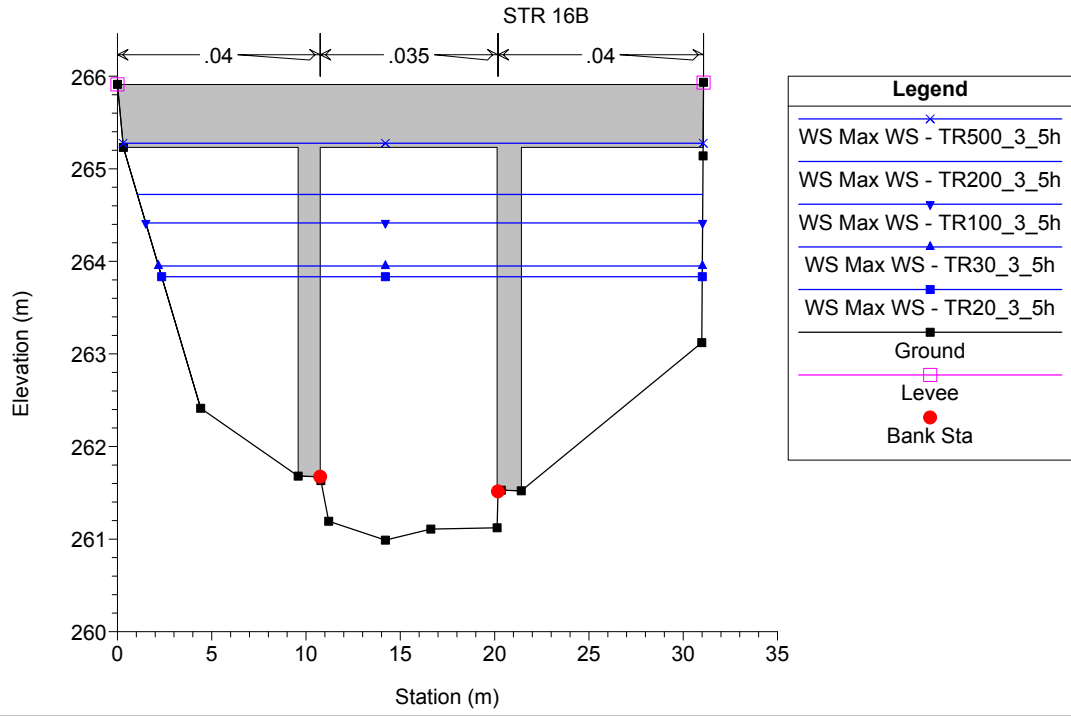
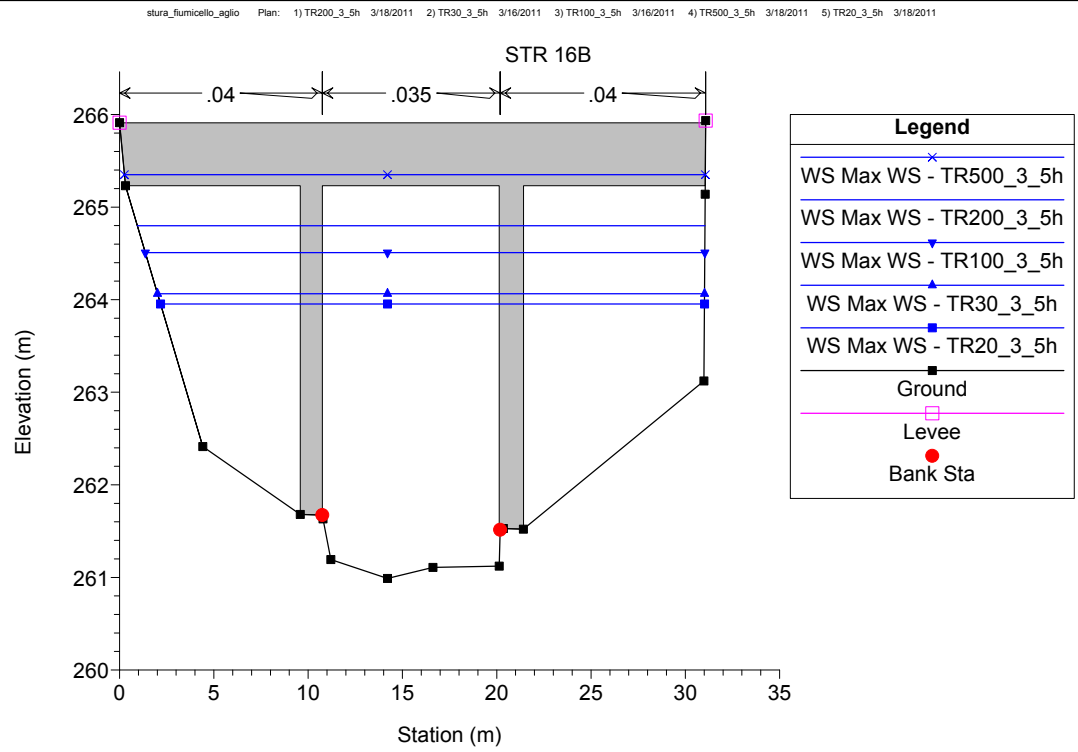
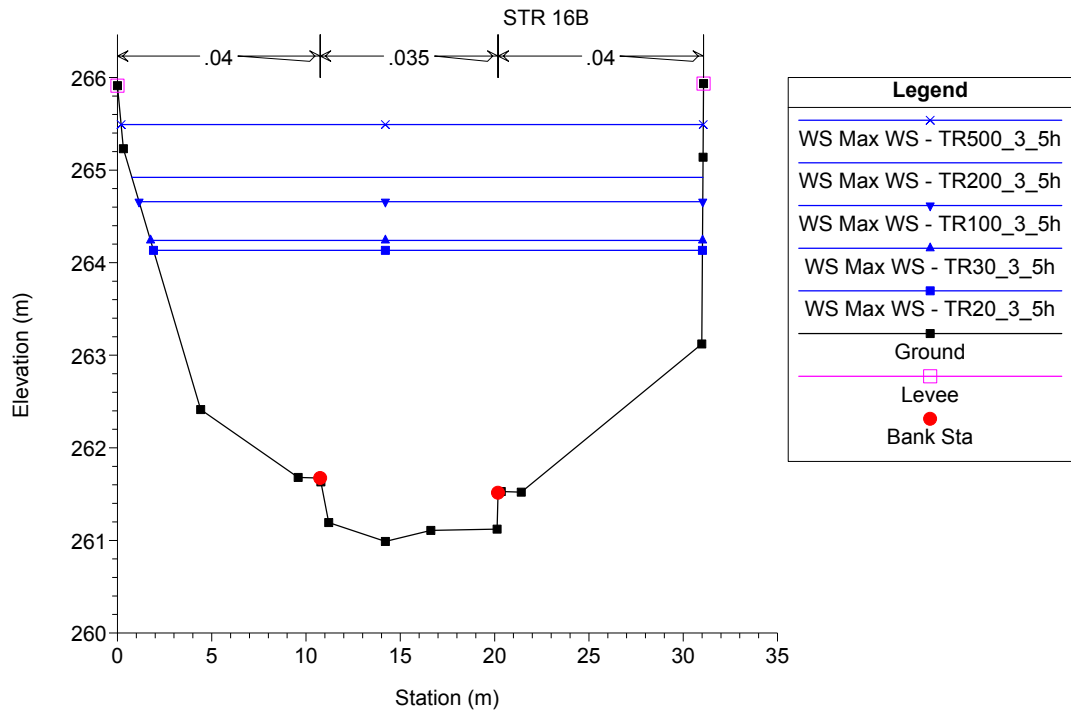


STR 017\_A

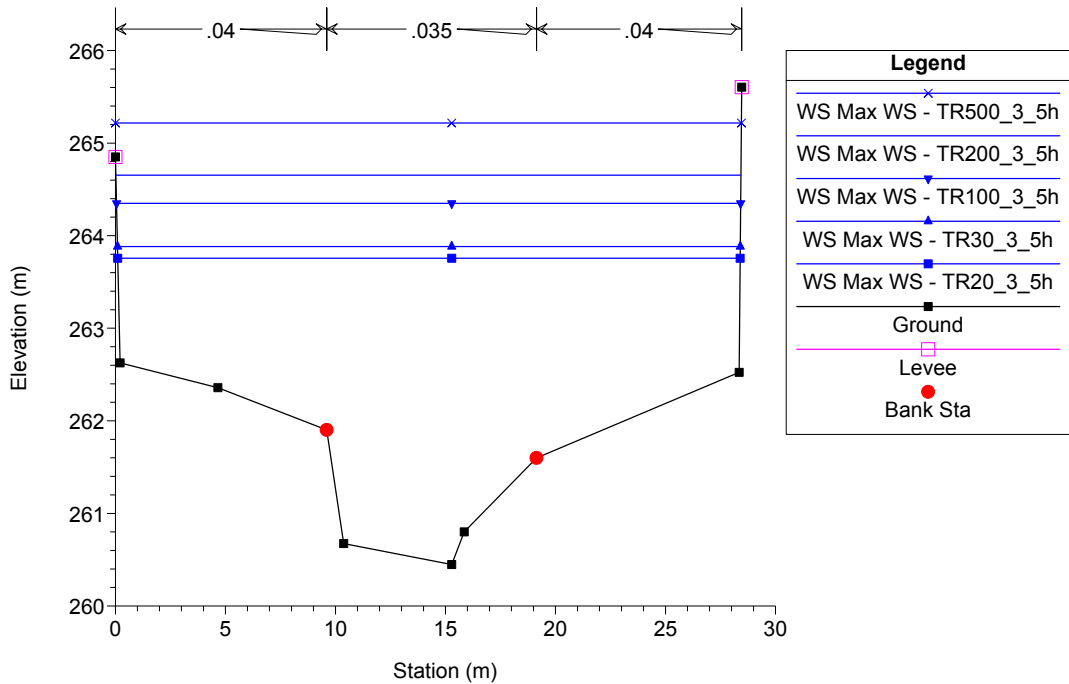


STR 16C

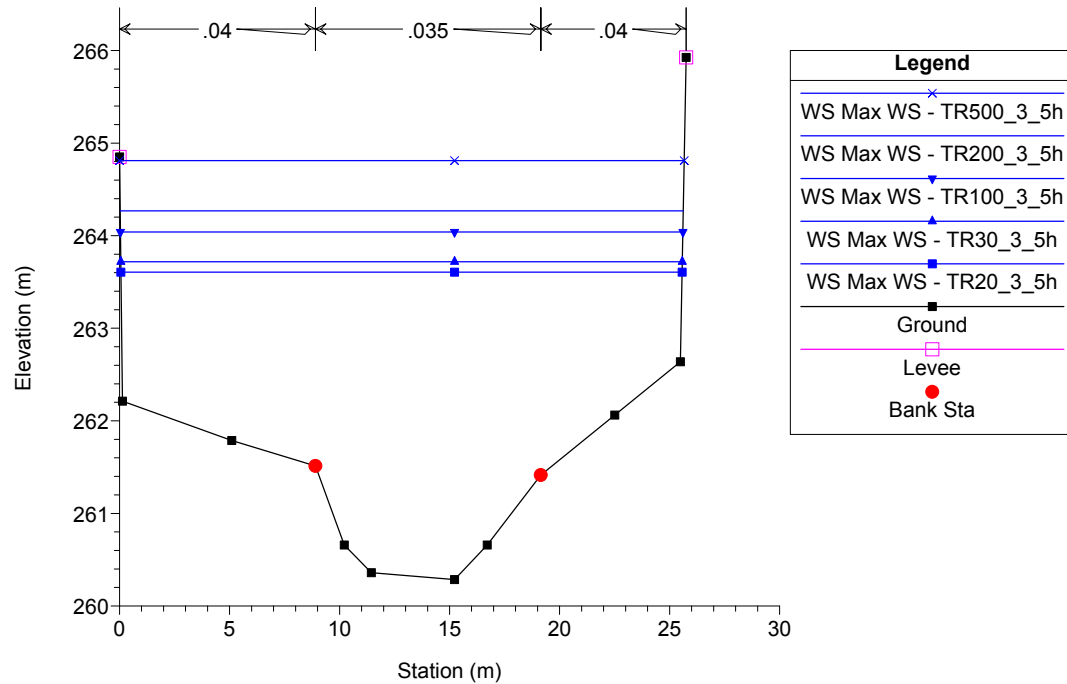




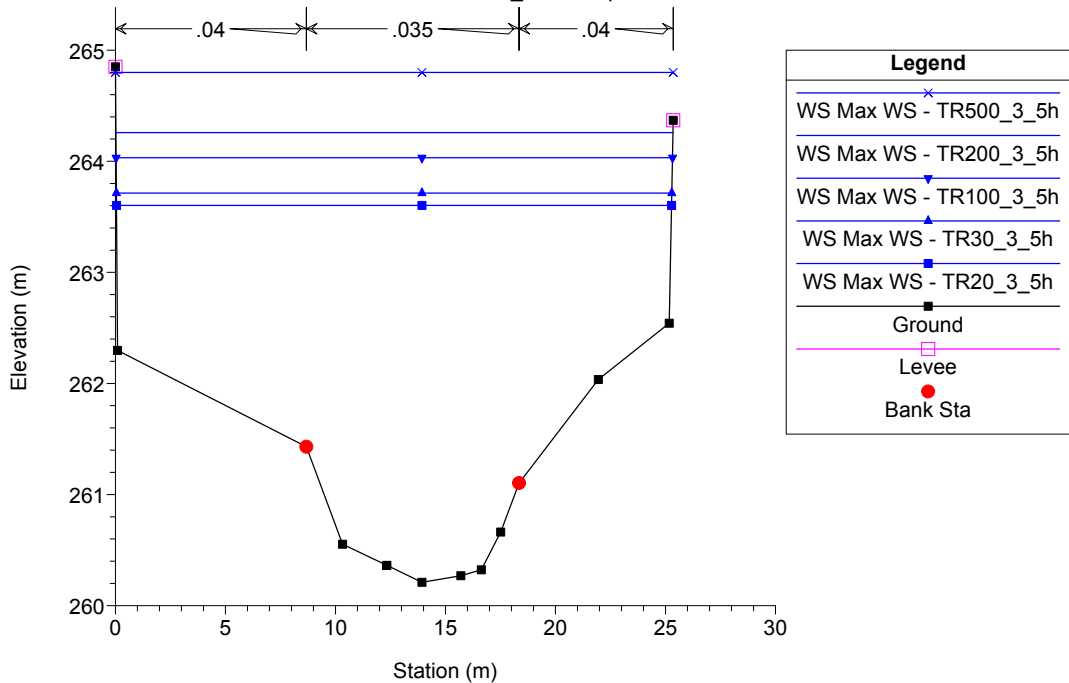
STR 16A



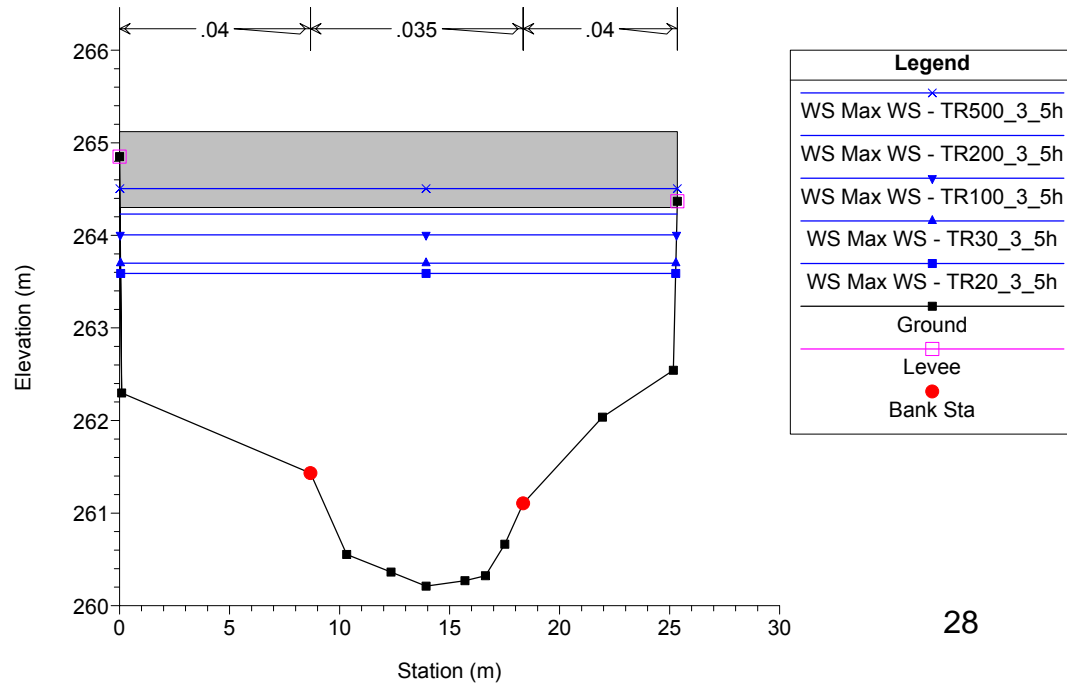
STR 15B

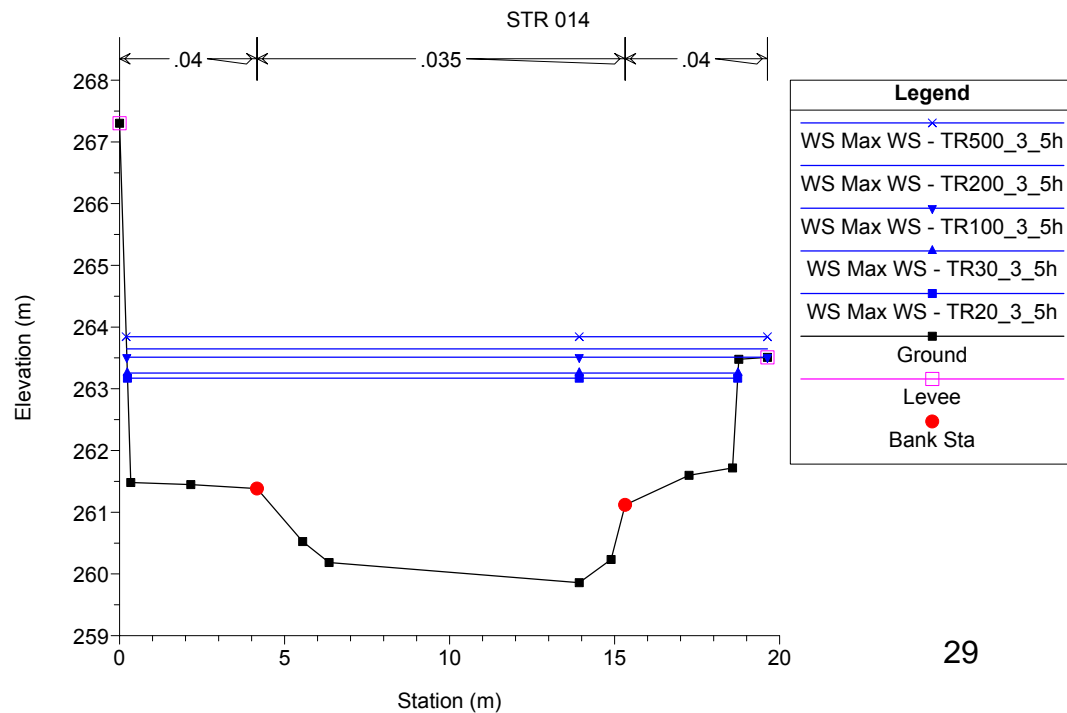
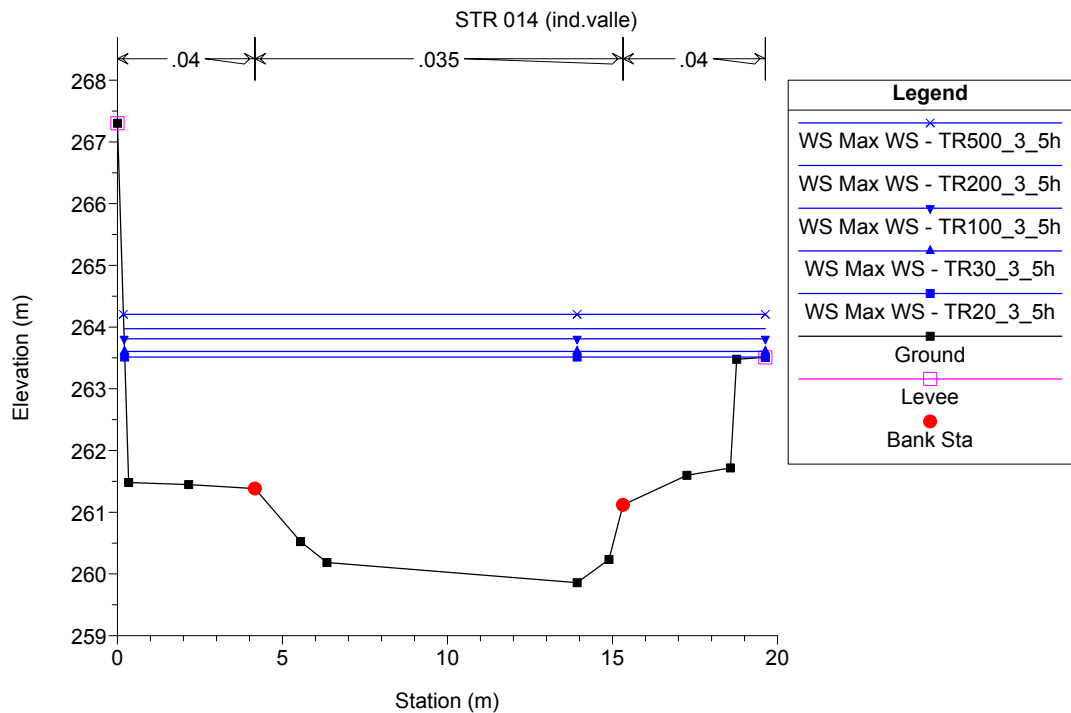
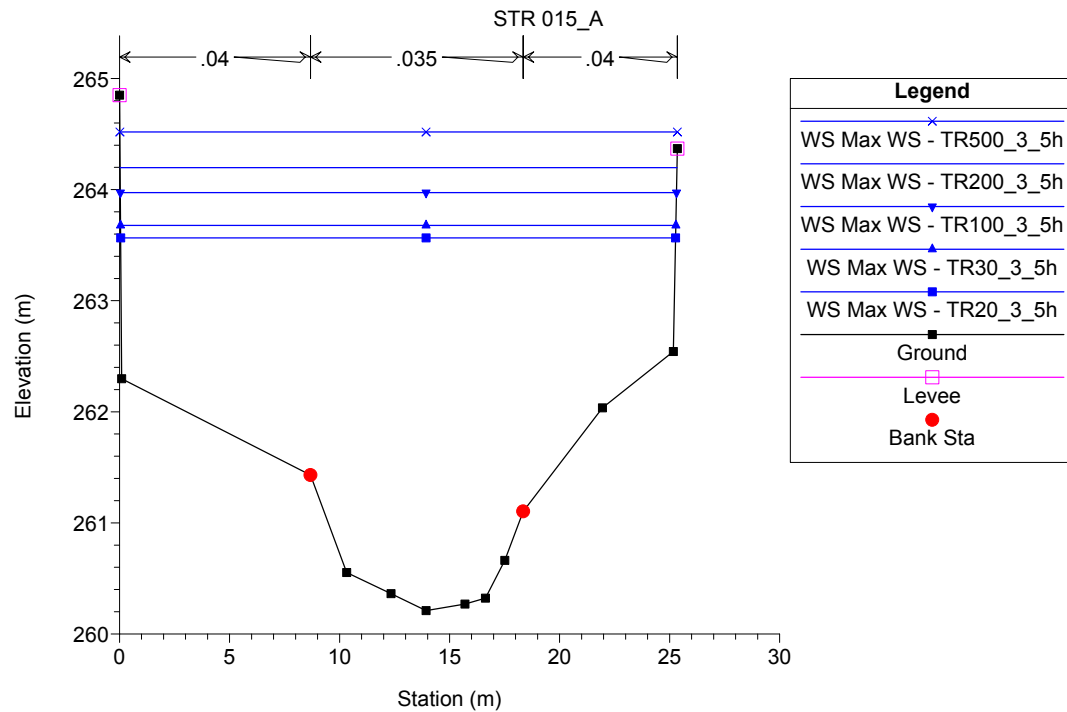
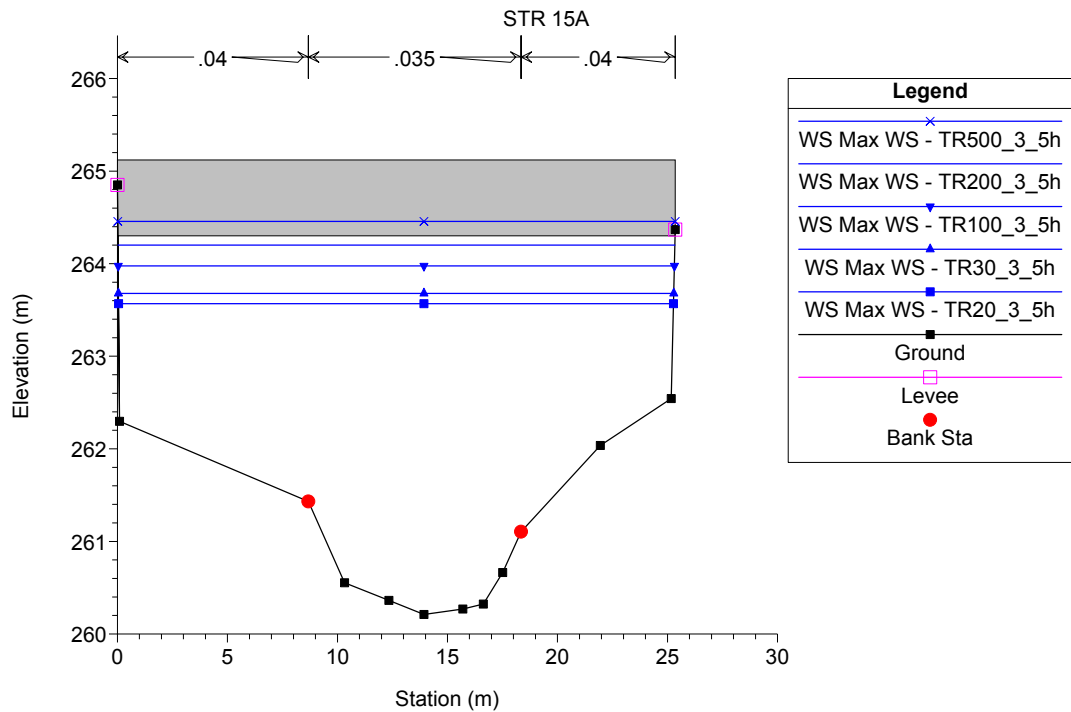


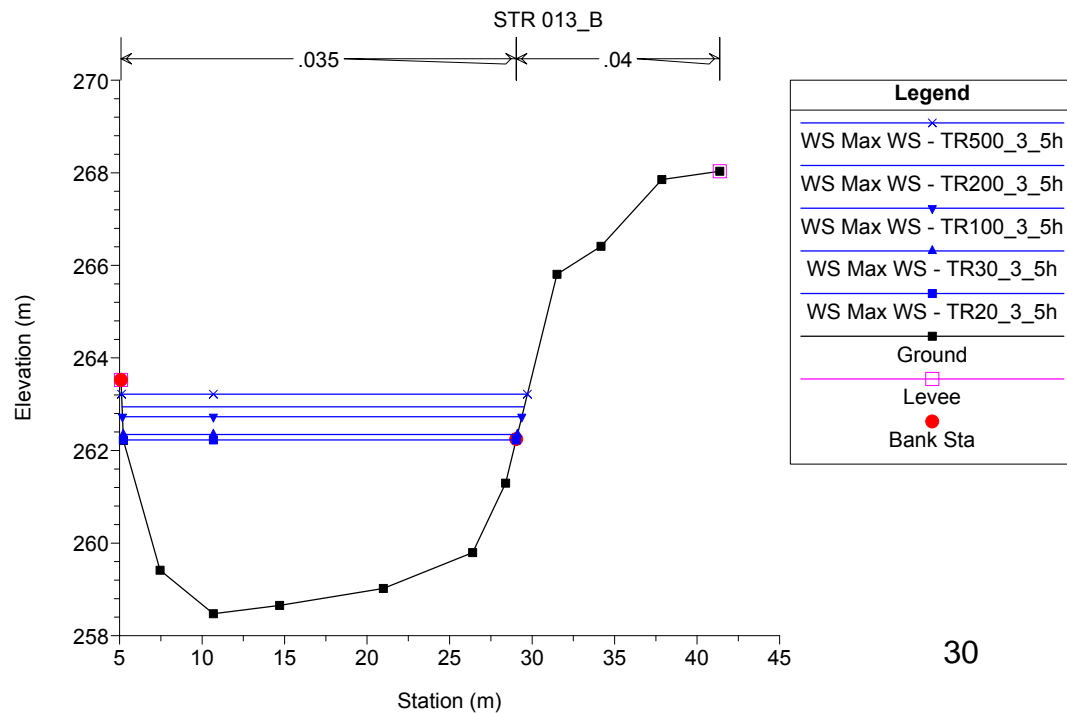
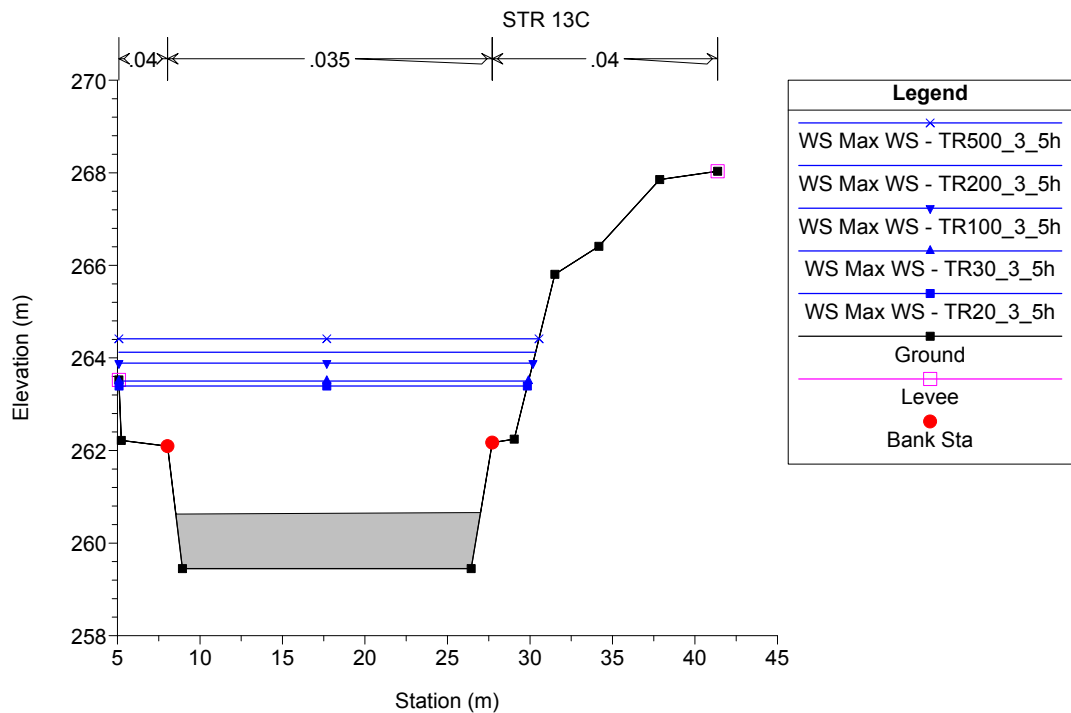
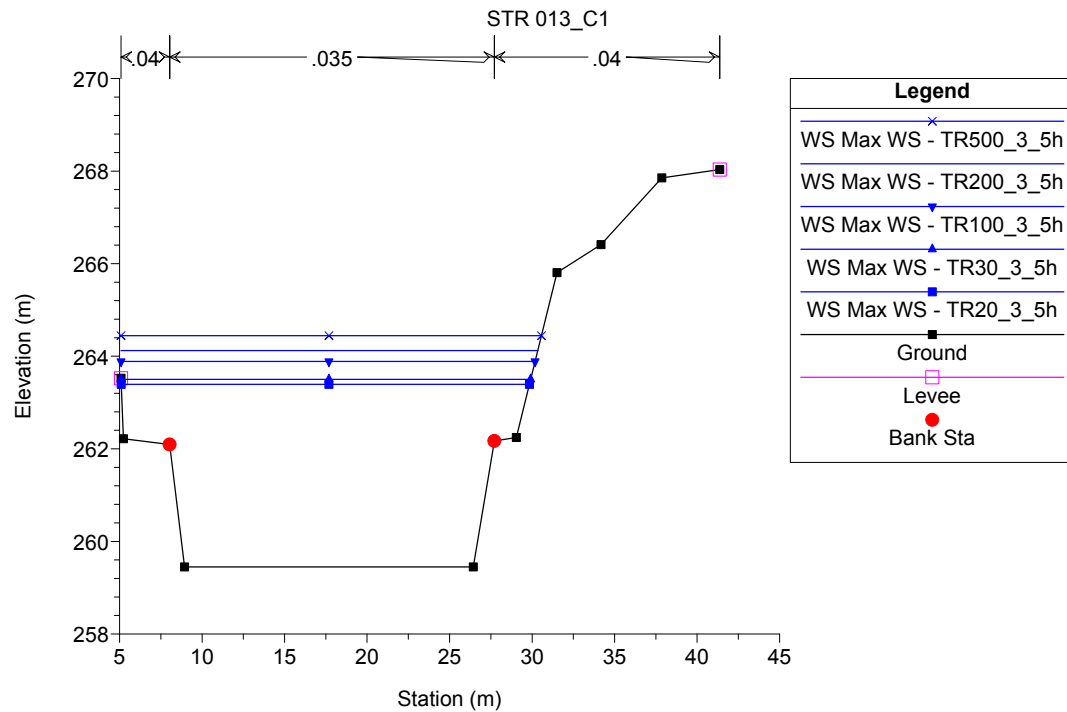
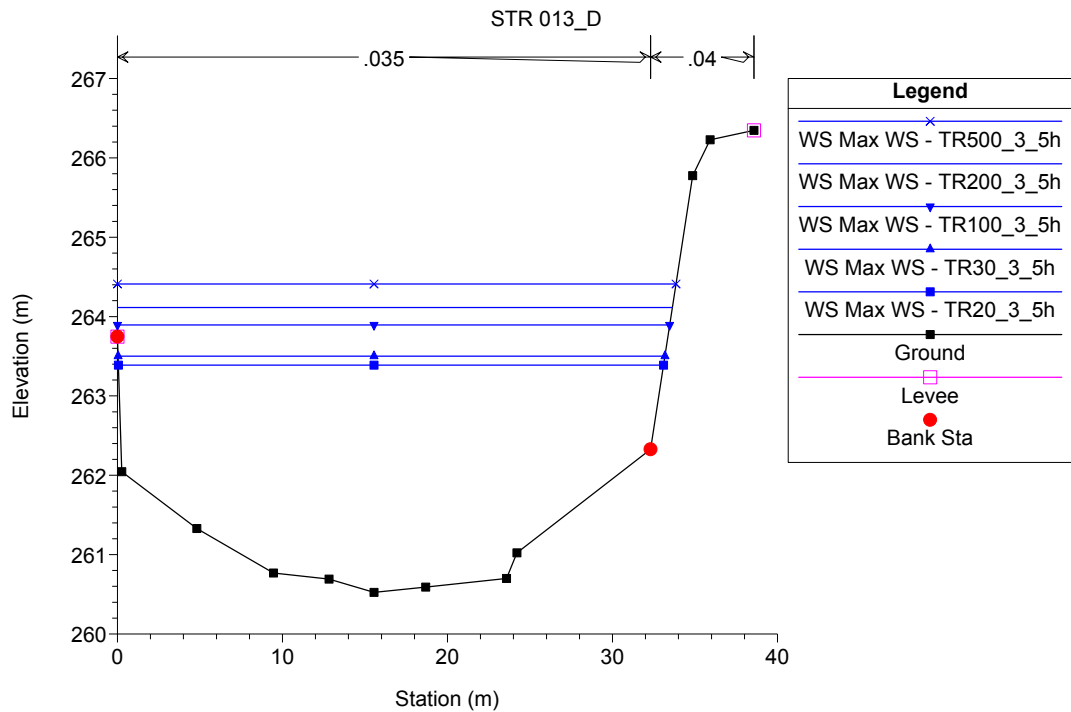
STR 015\_A monte ponte



STR 15A

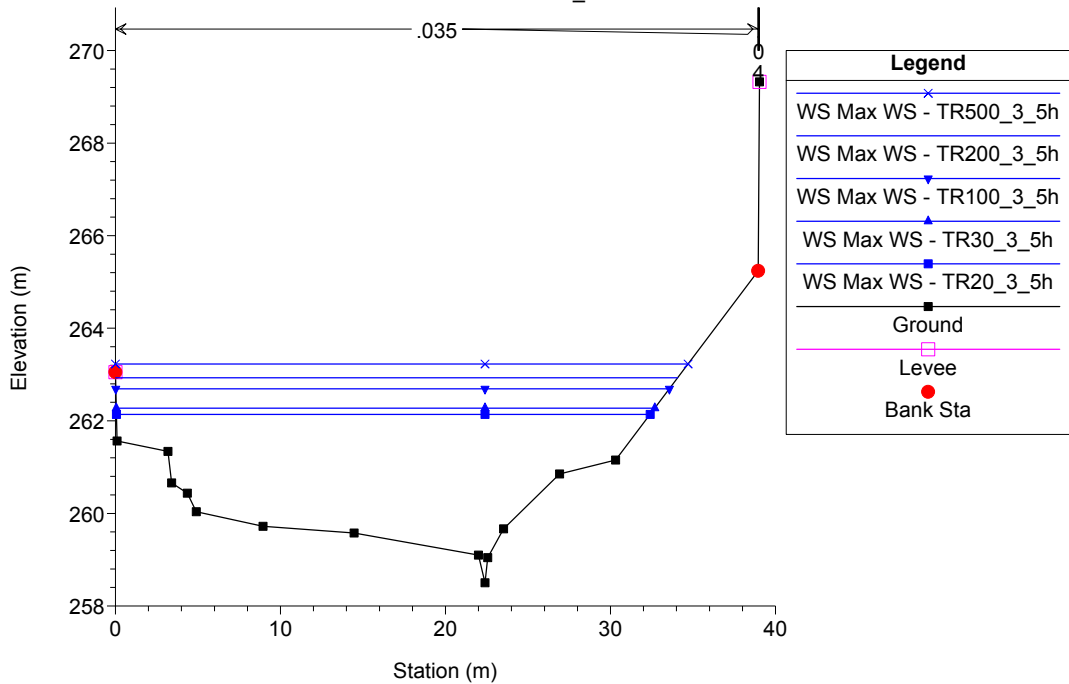




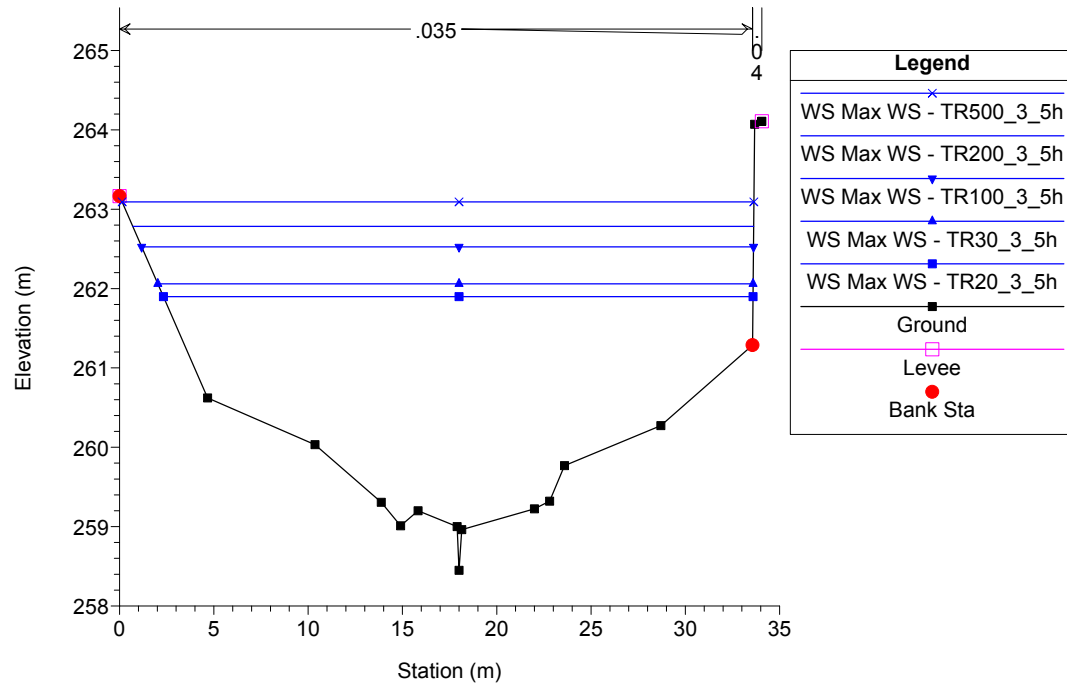




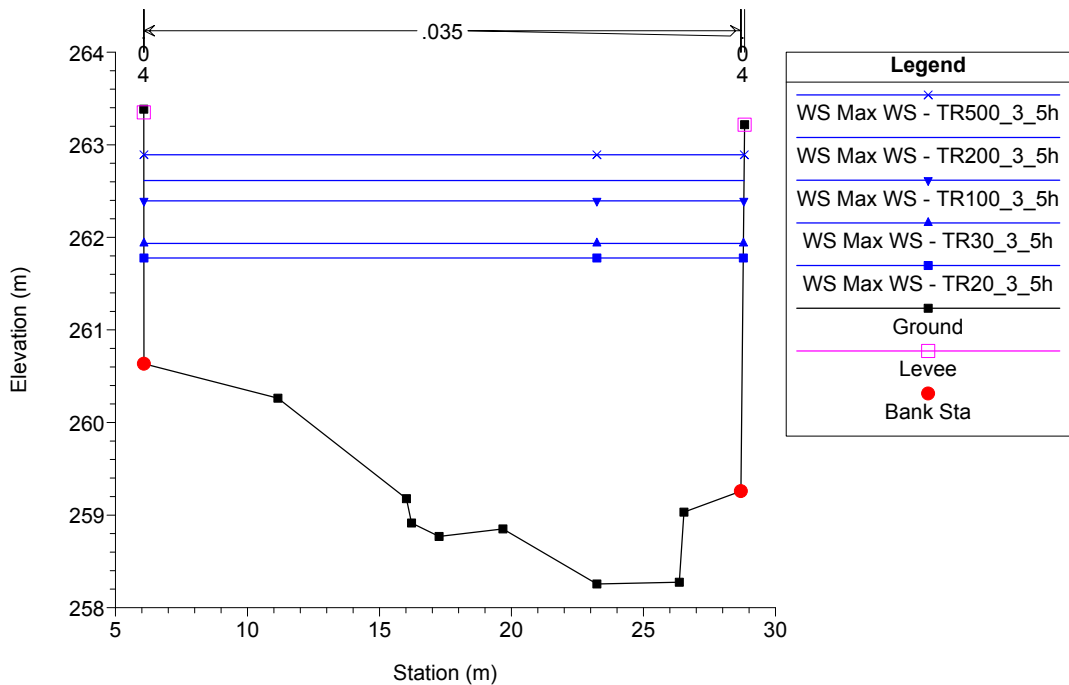
STR 013\_A



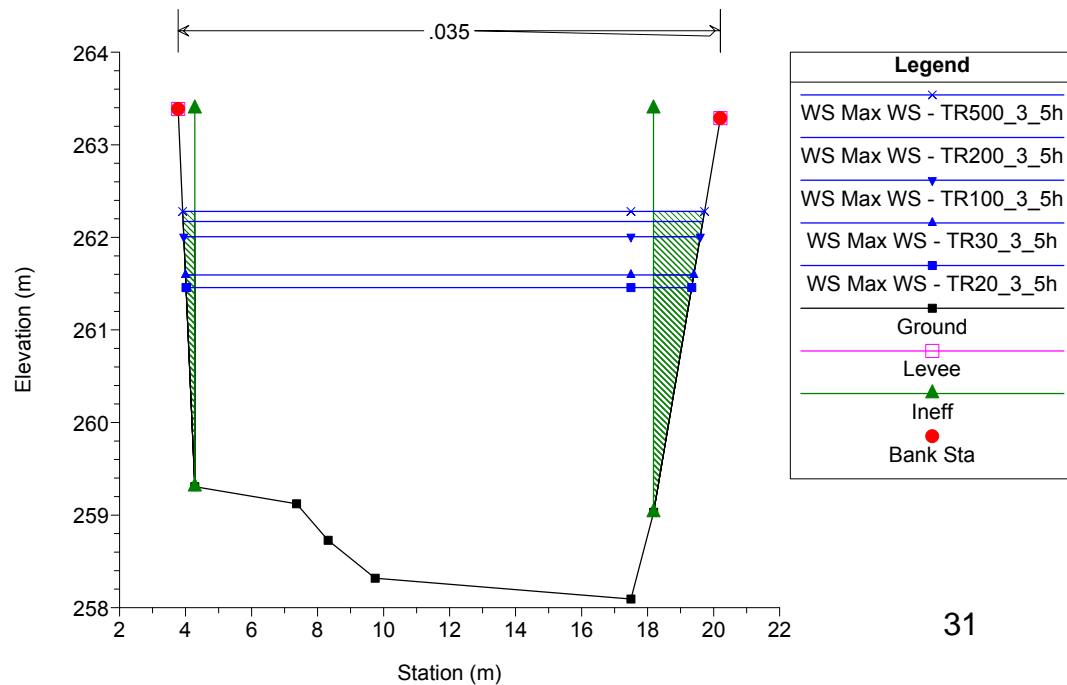
STR 012

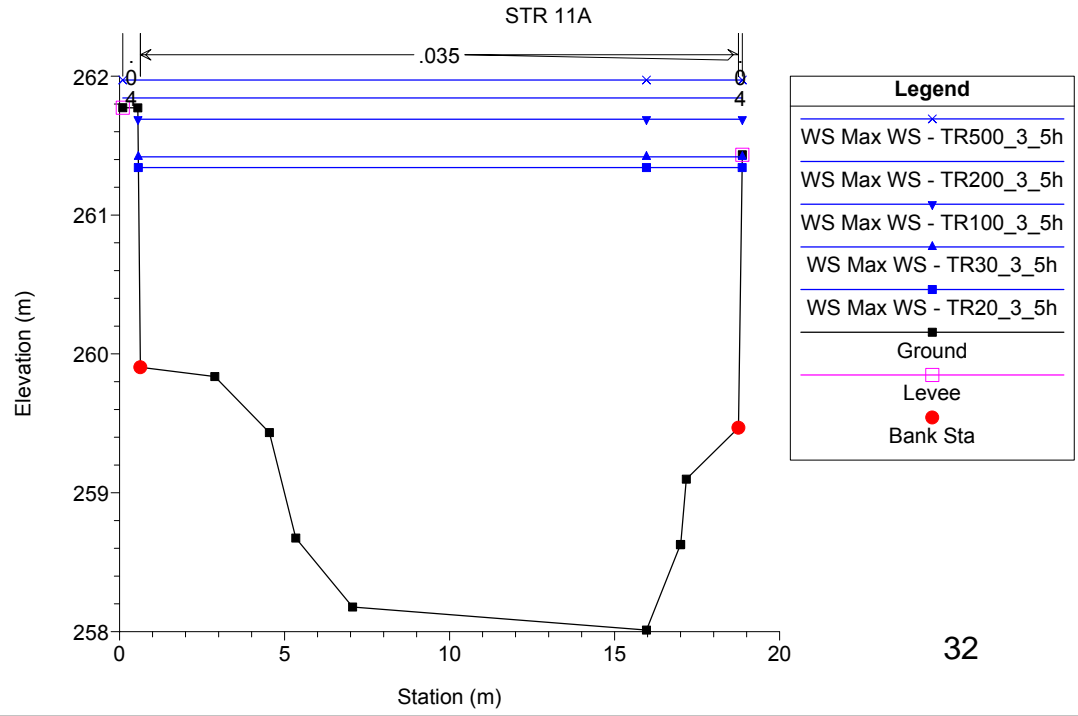
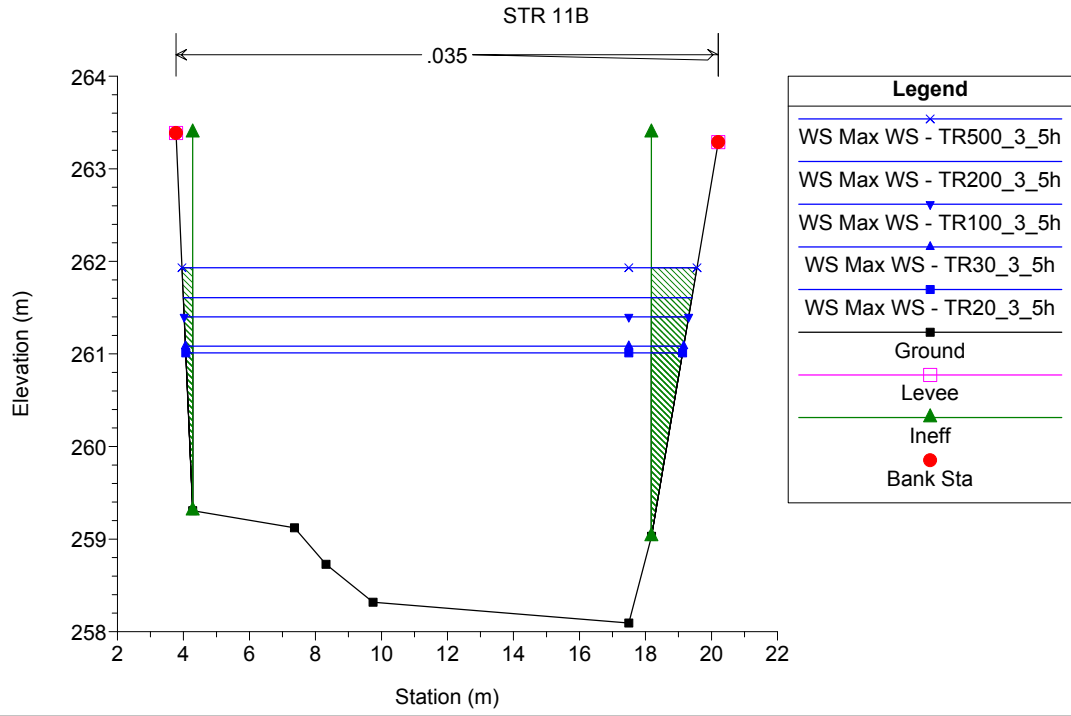
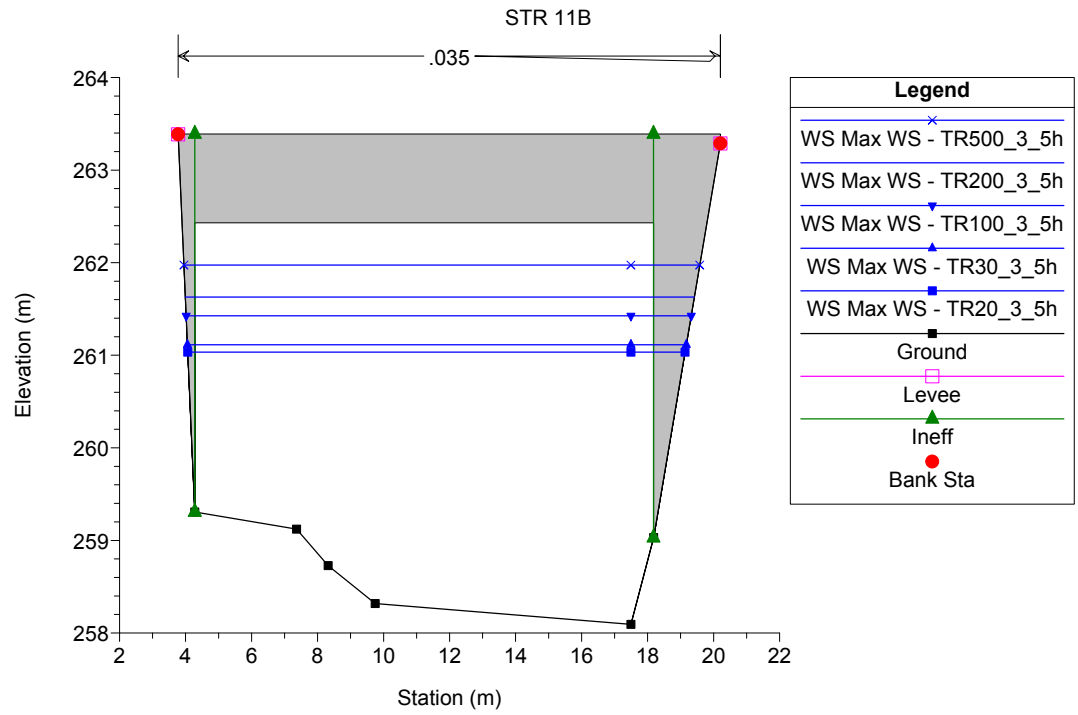
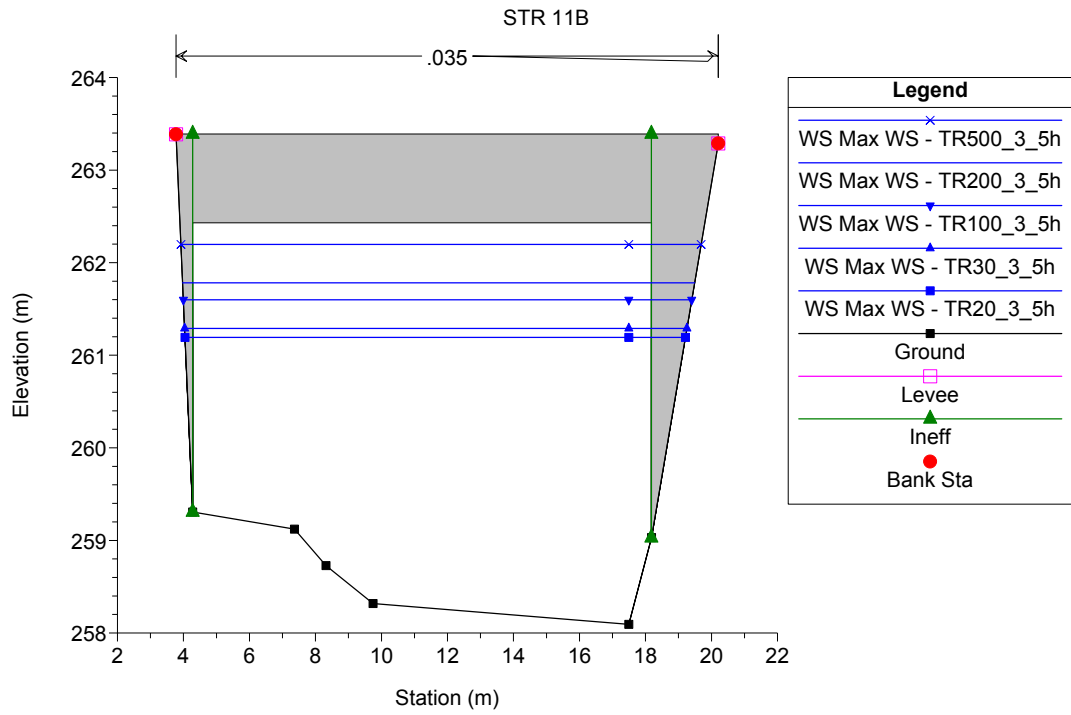


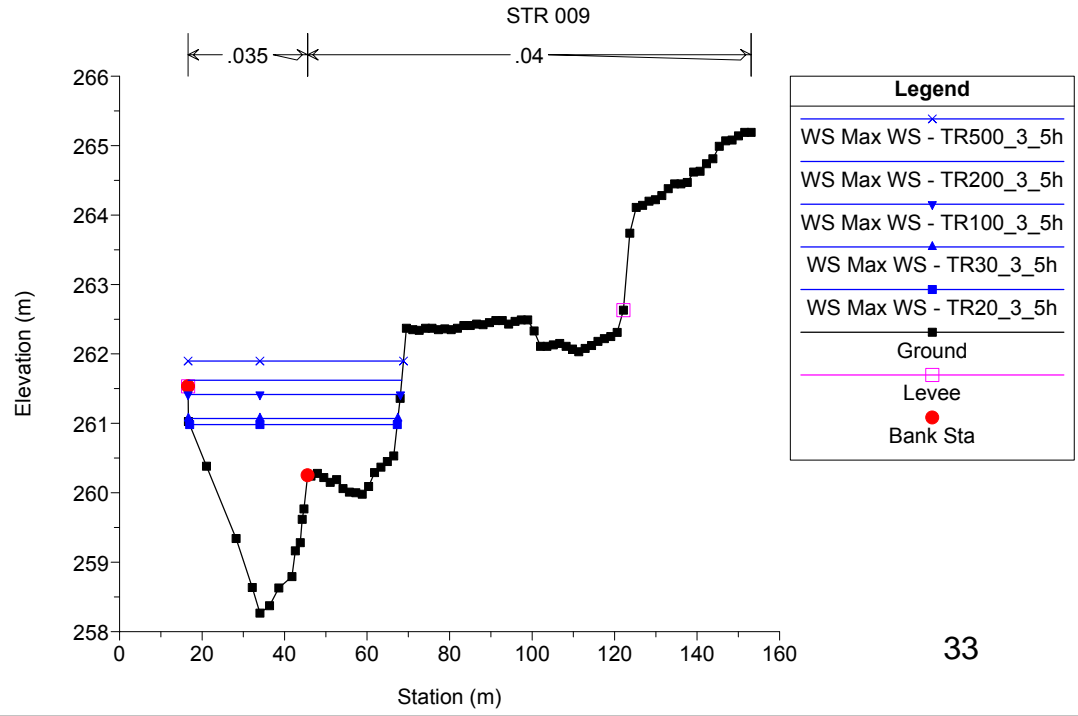
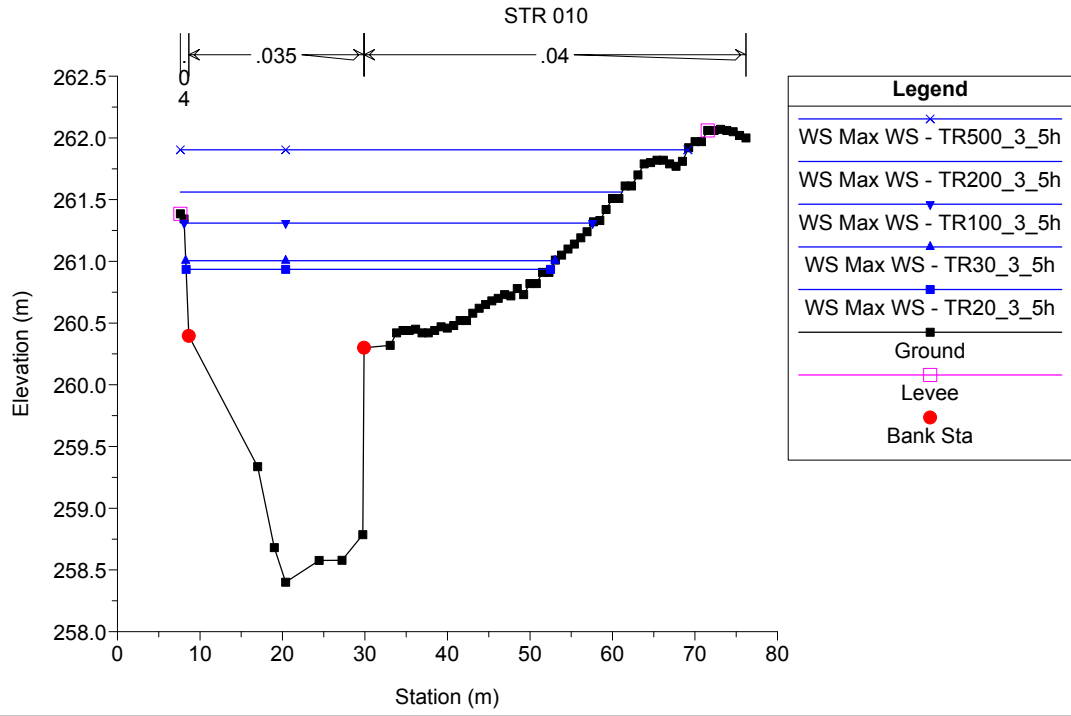
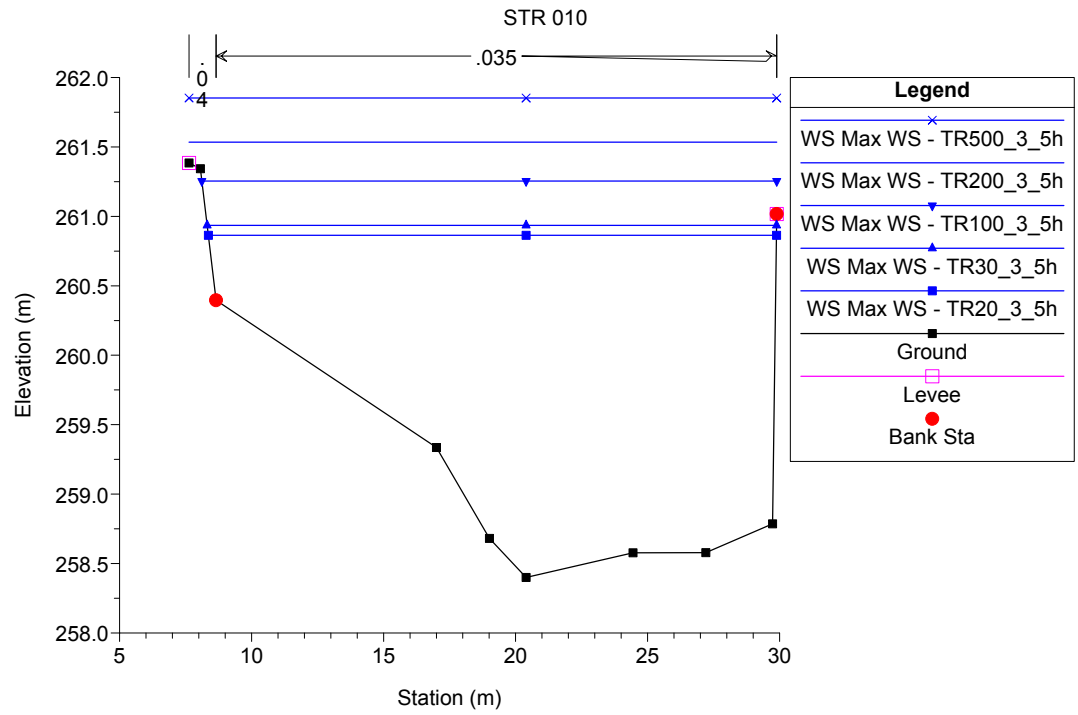
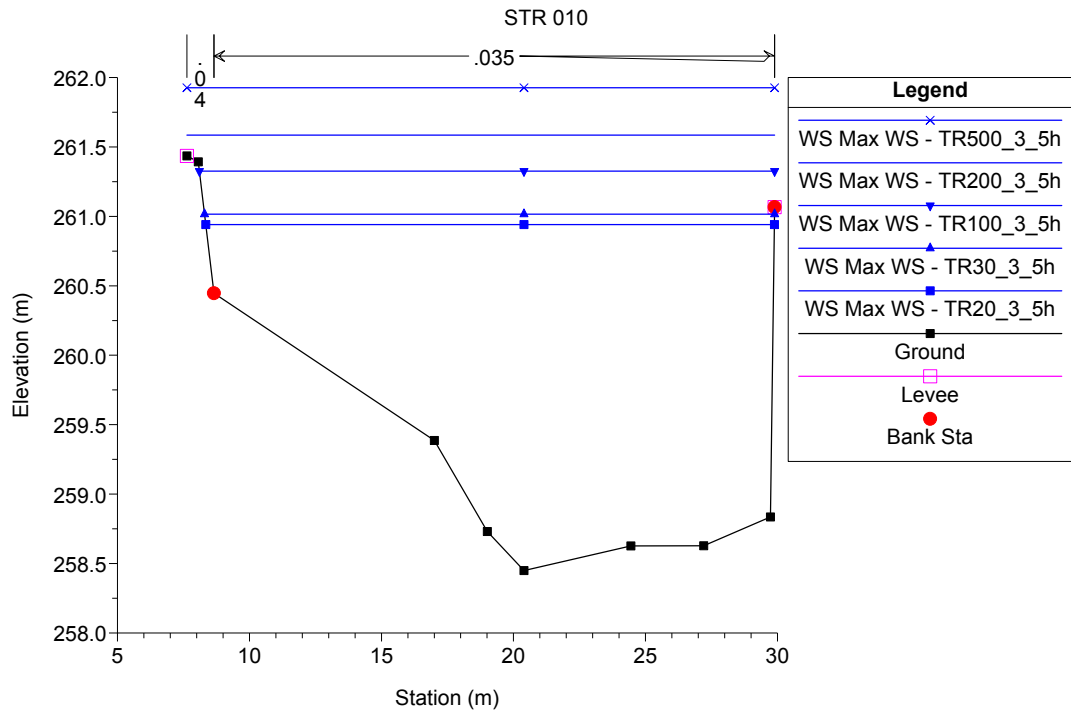
STR 11C

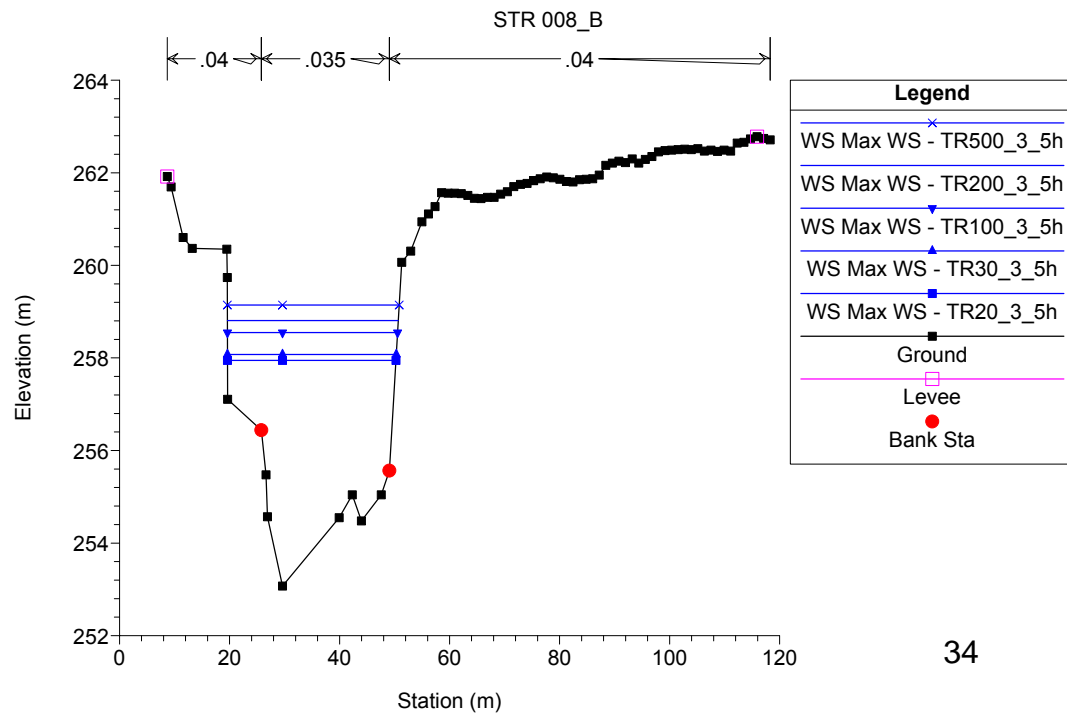
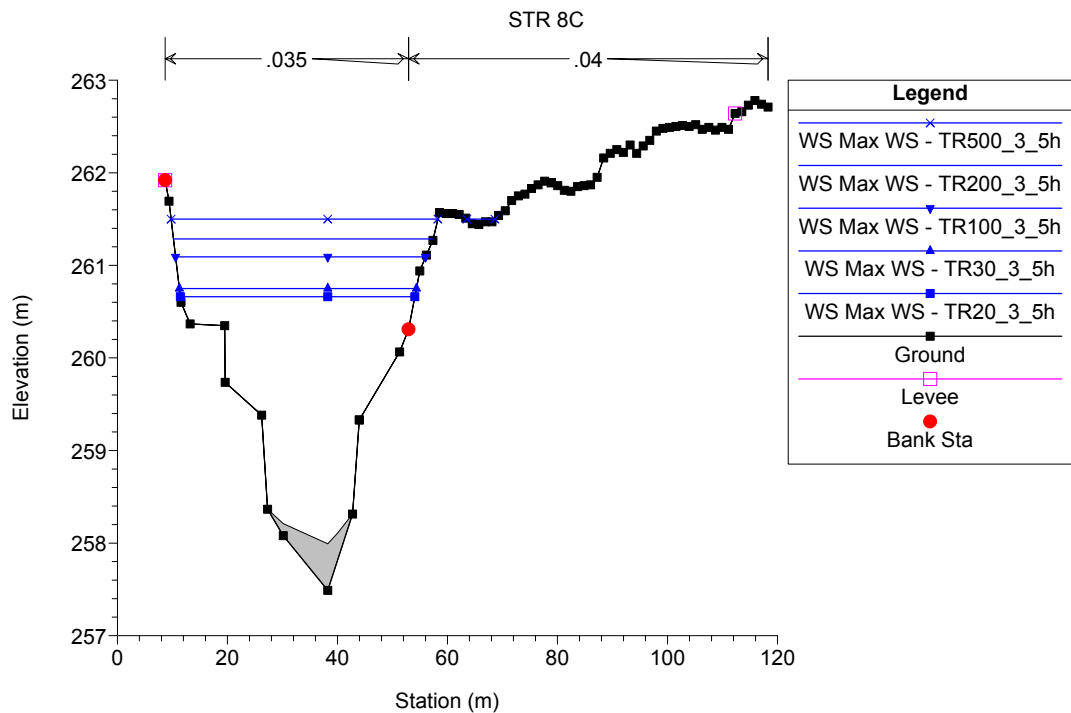
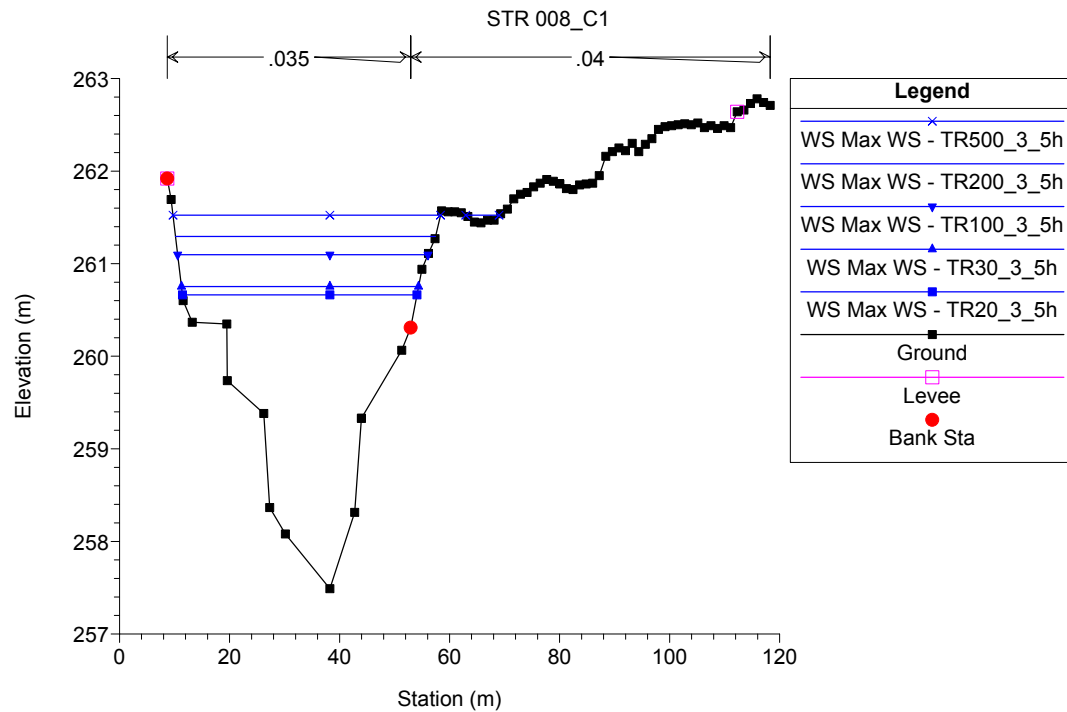
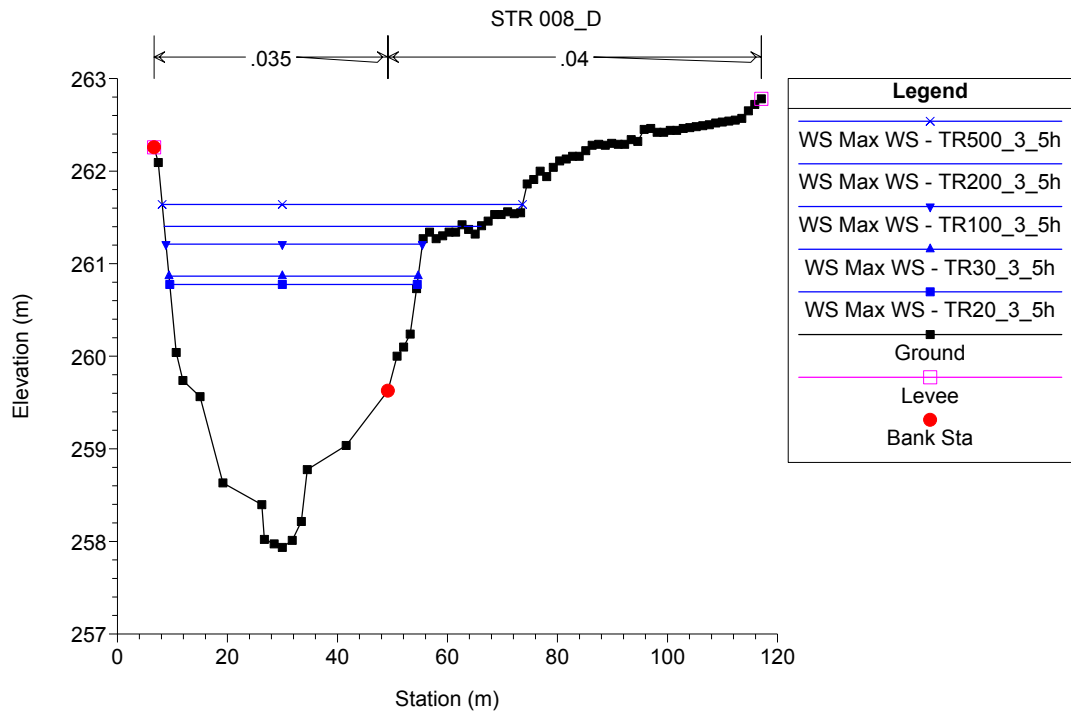


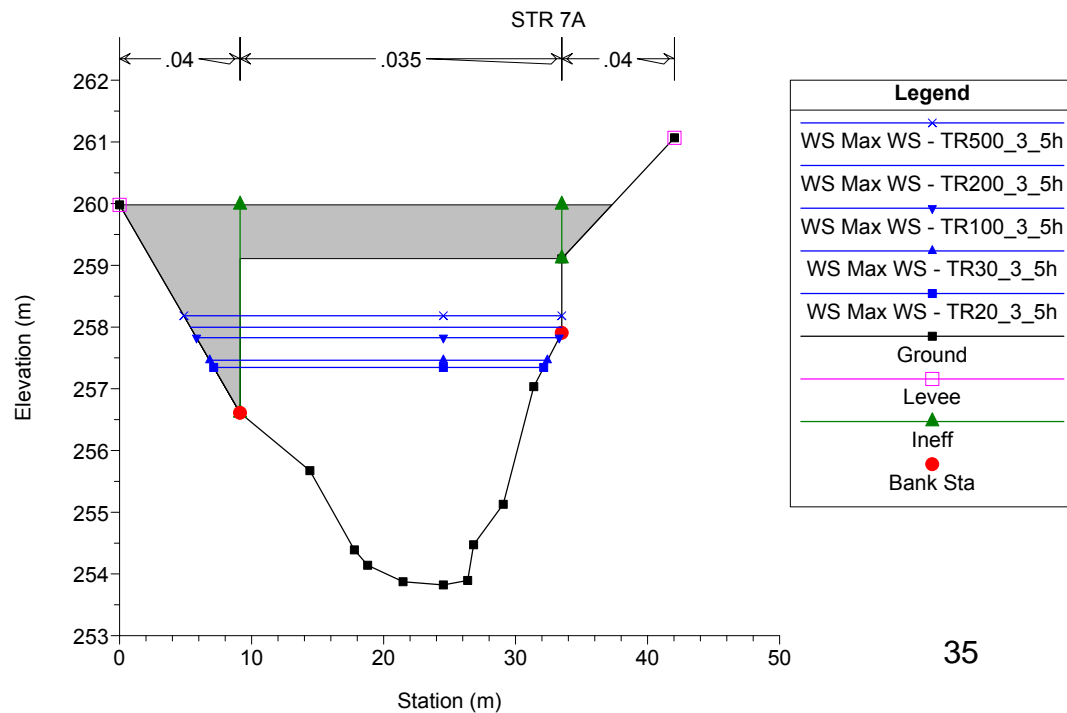
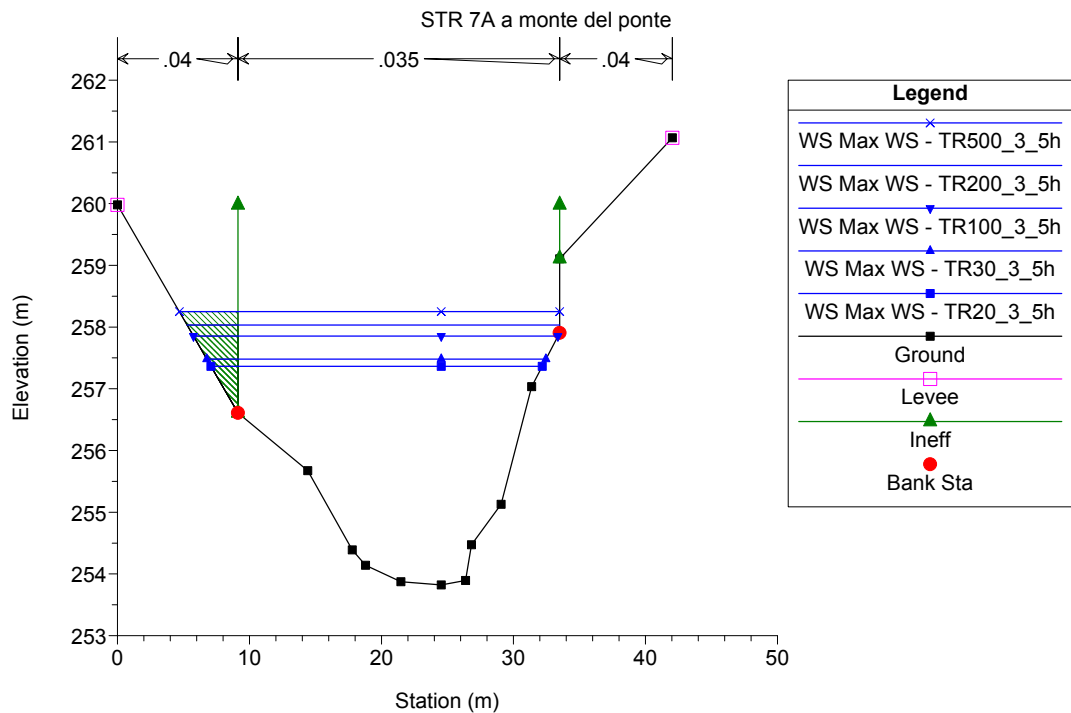
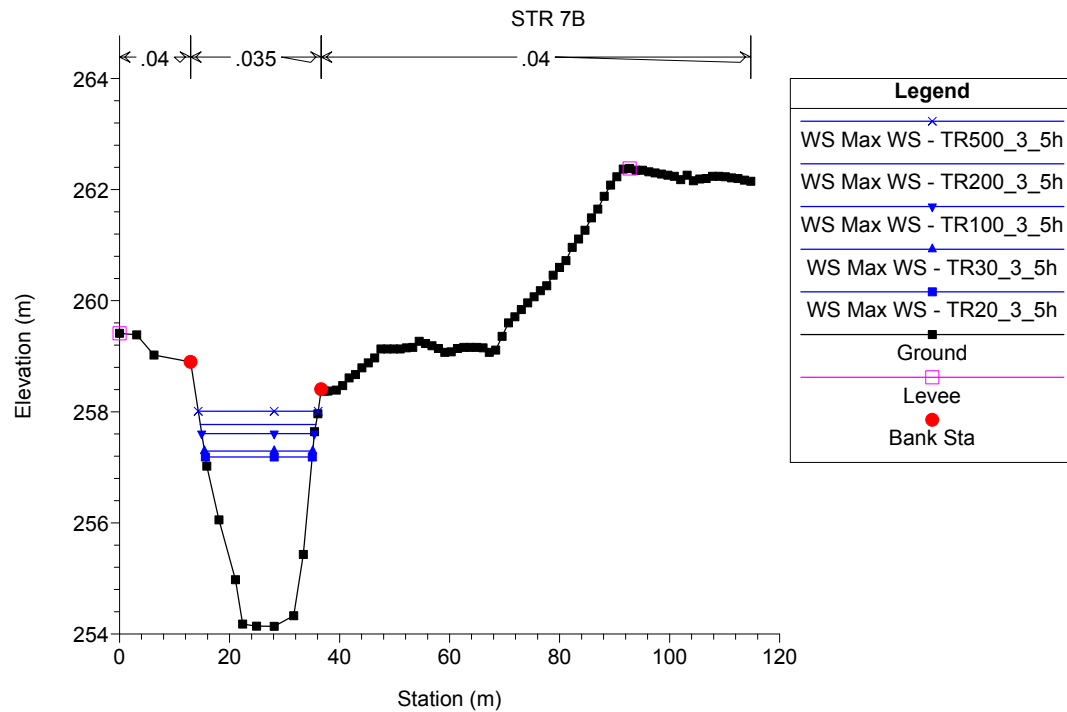
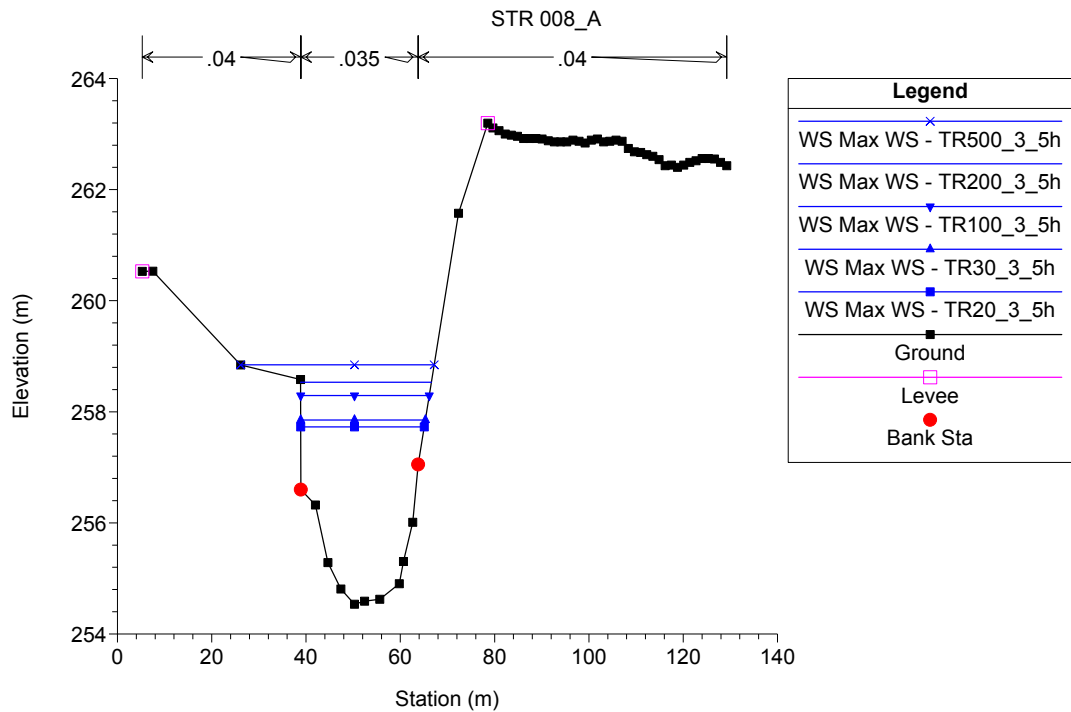
STR 11B

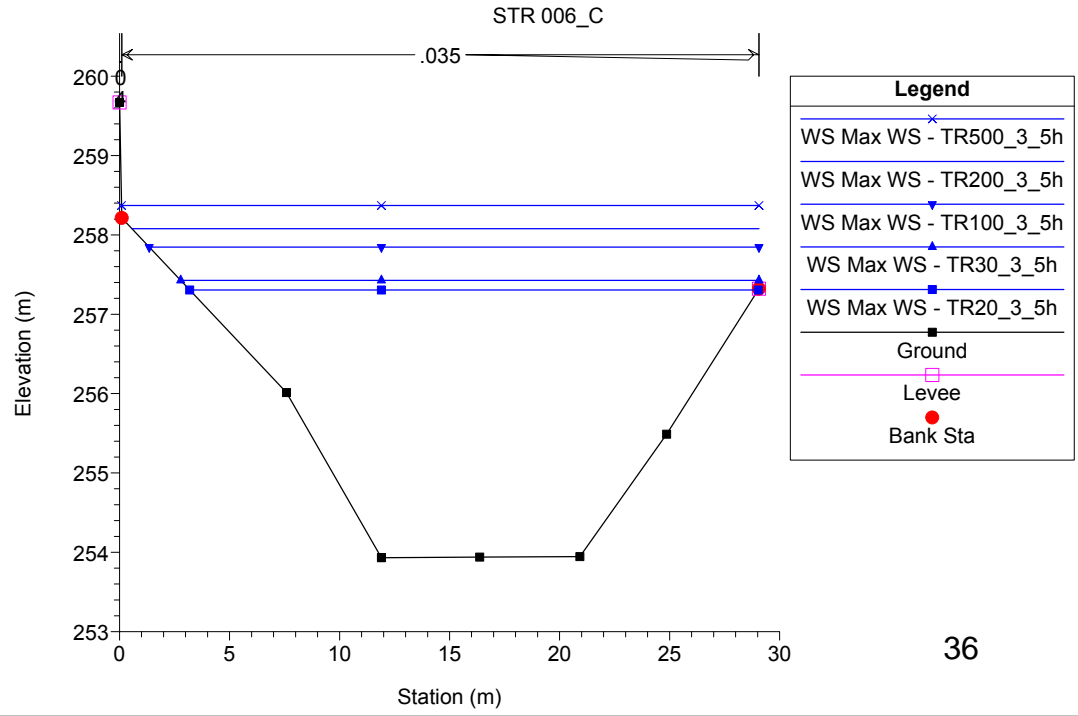
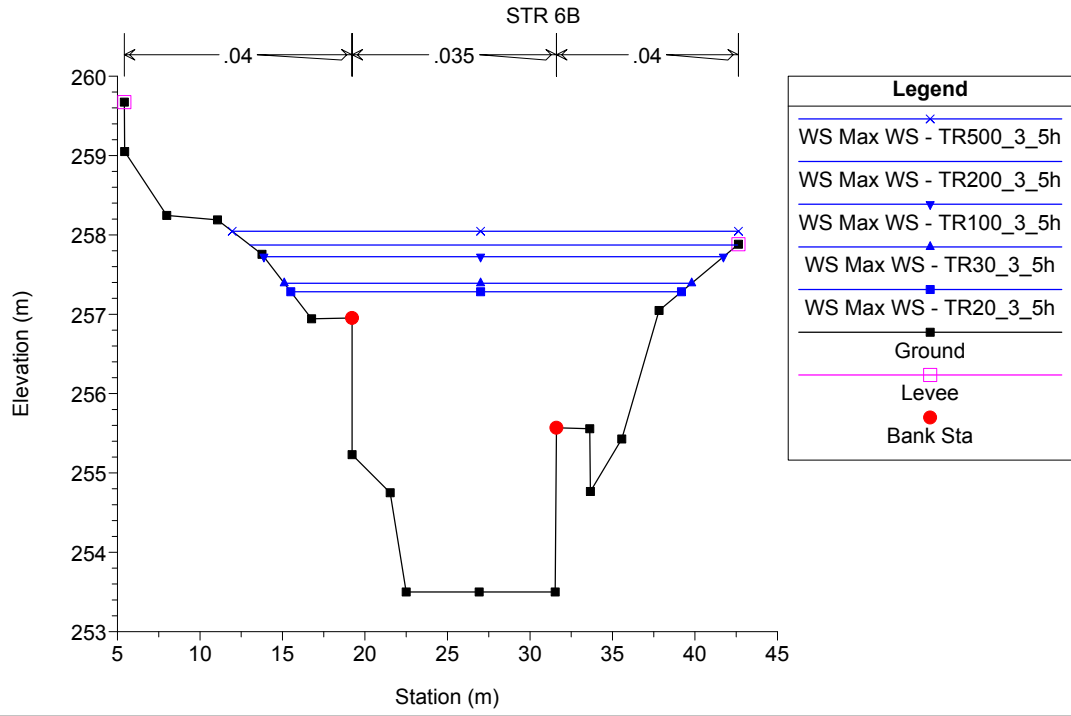
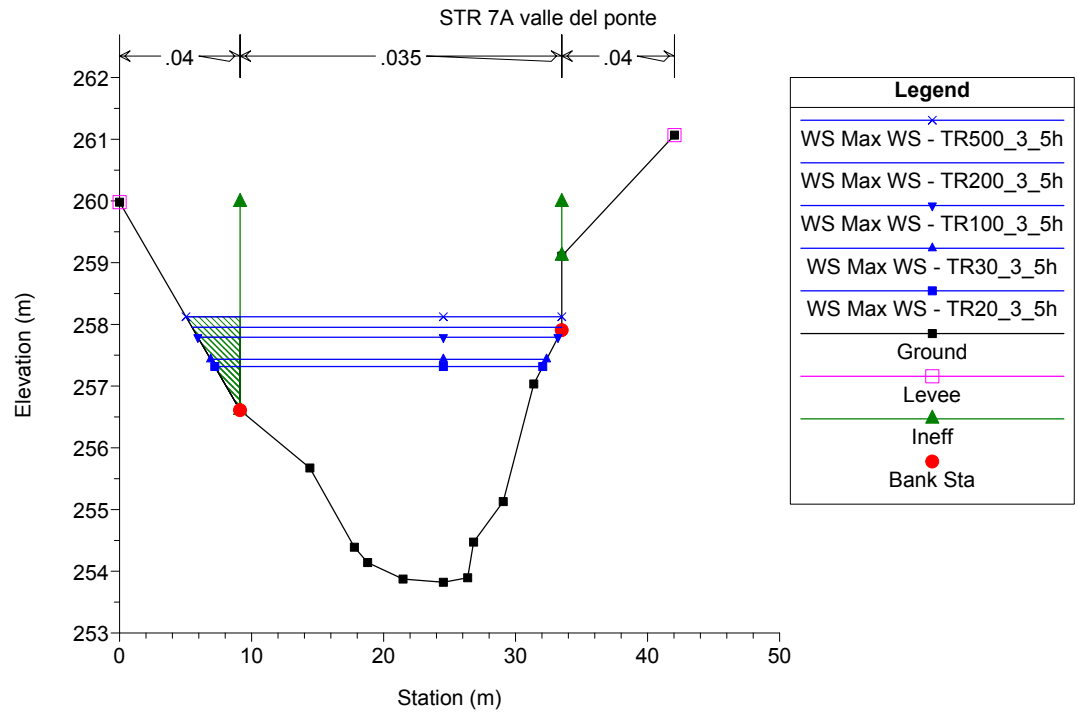
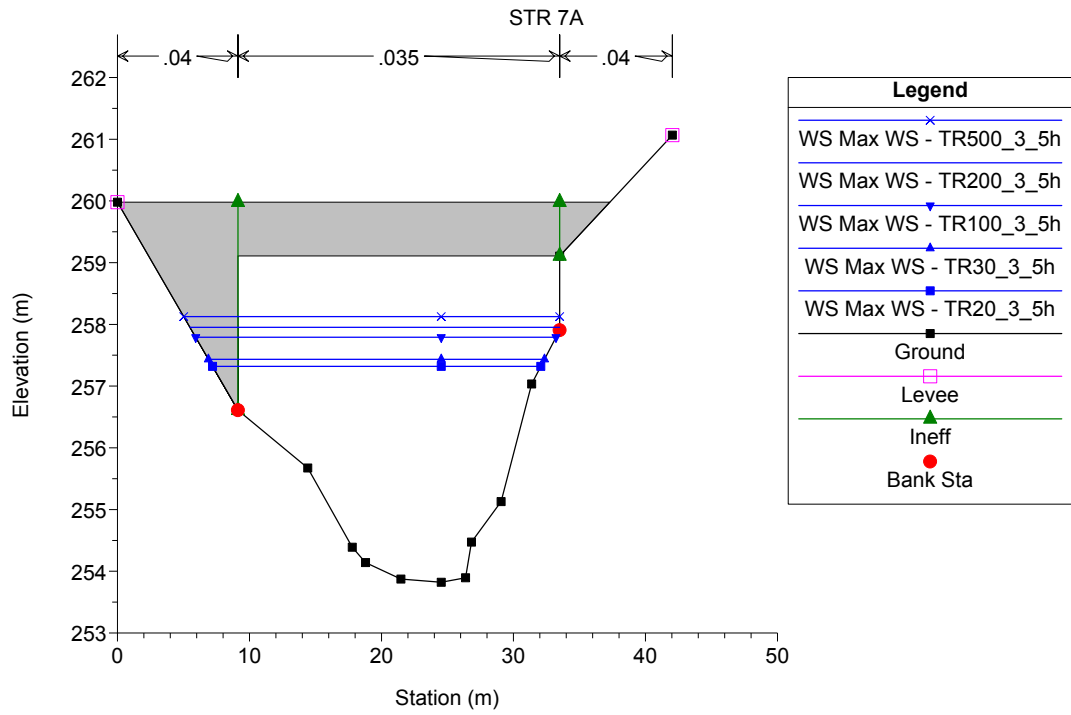


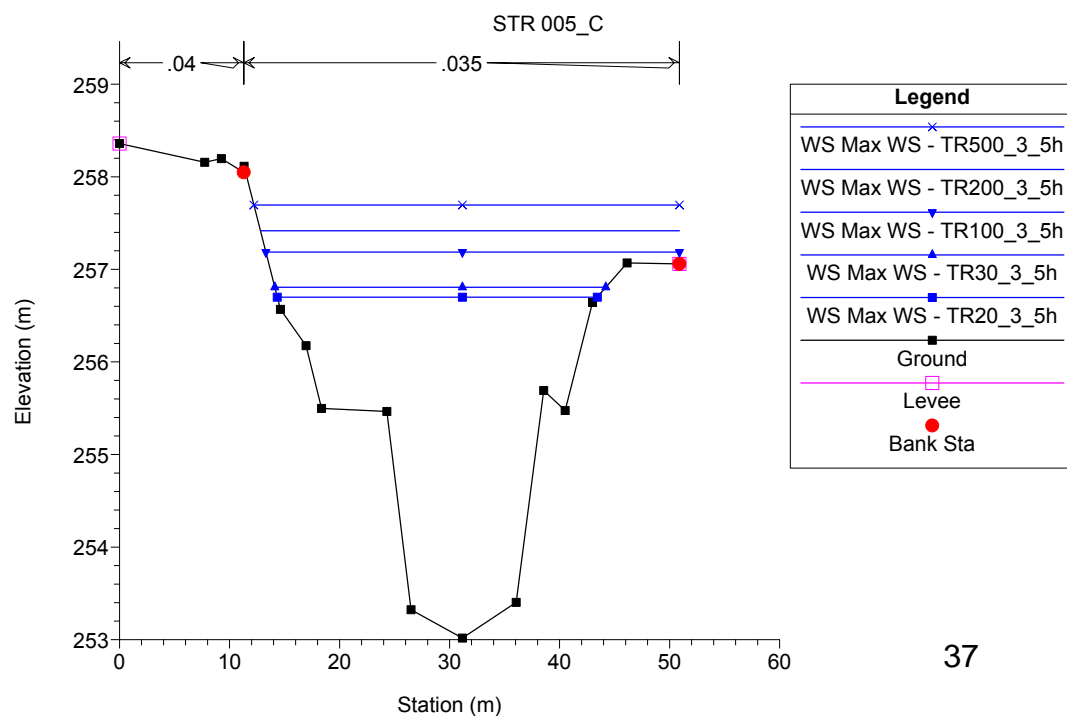
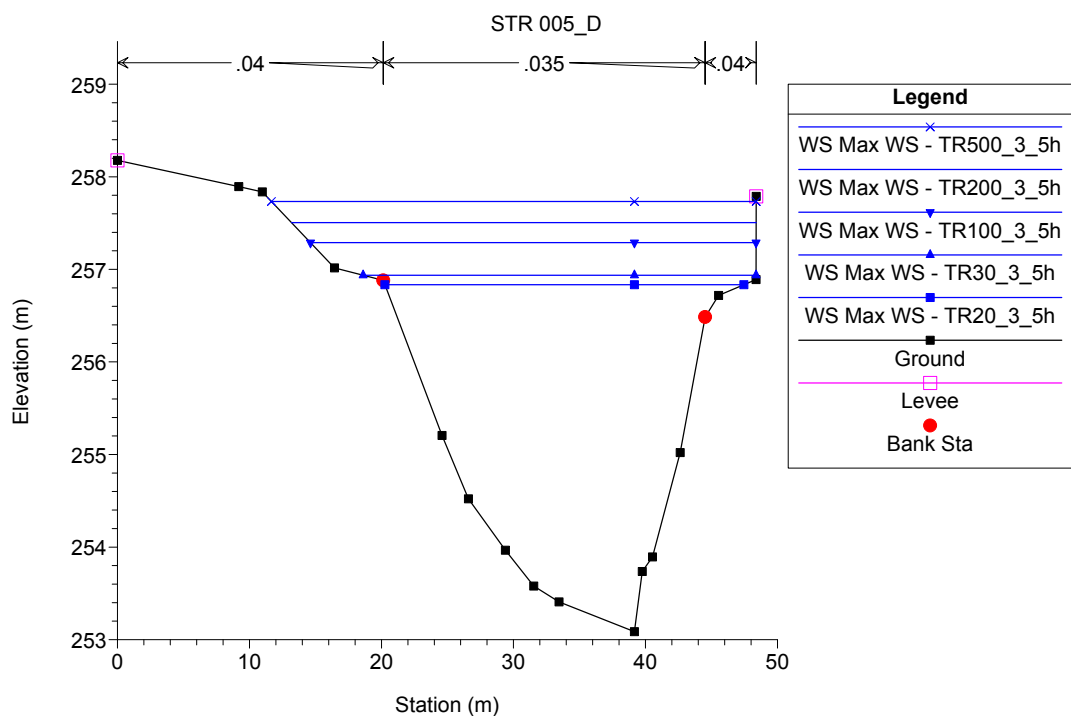
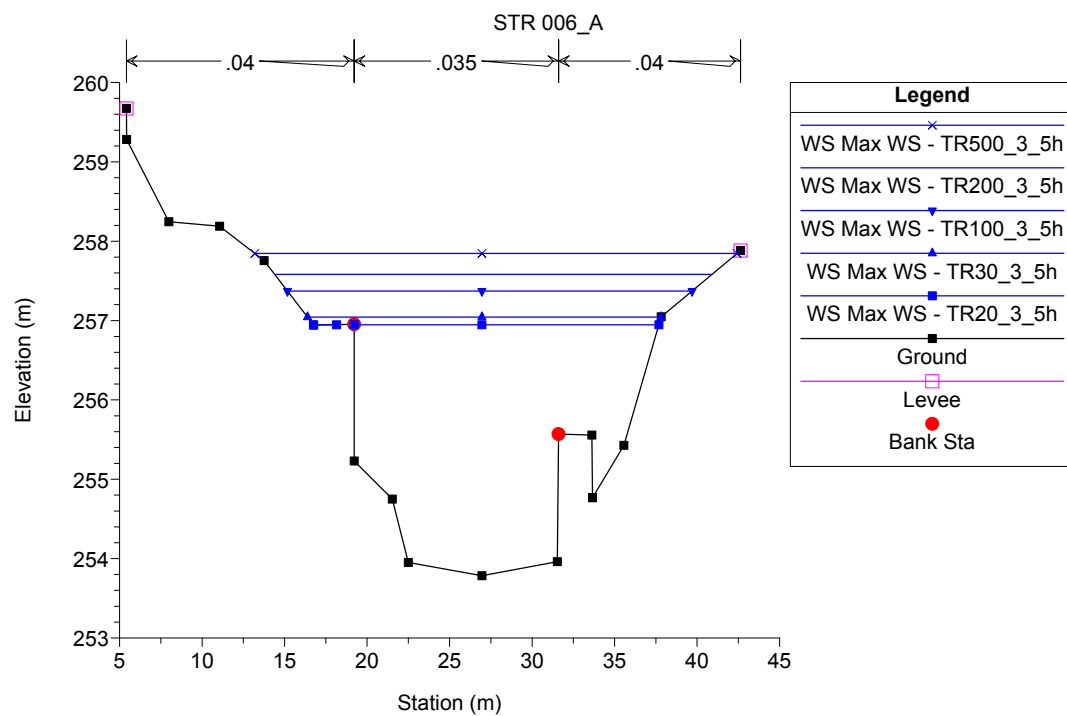
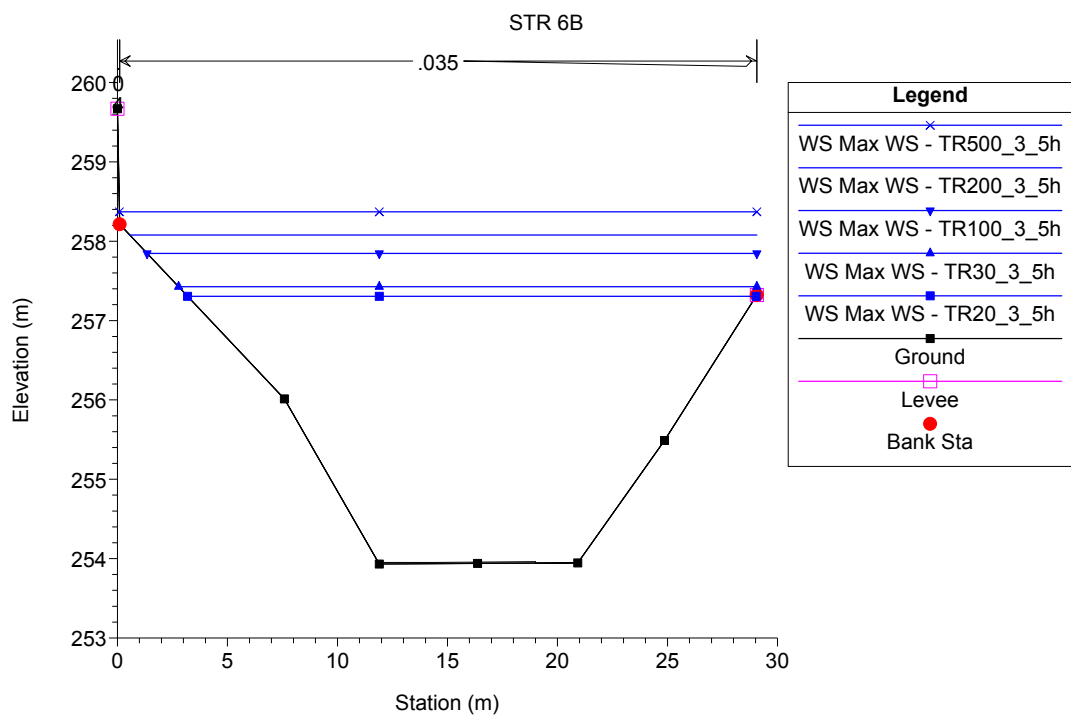


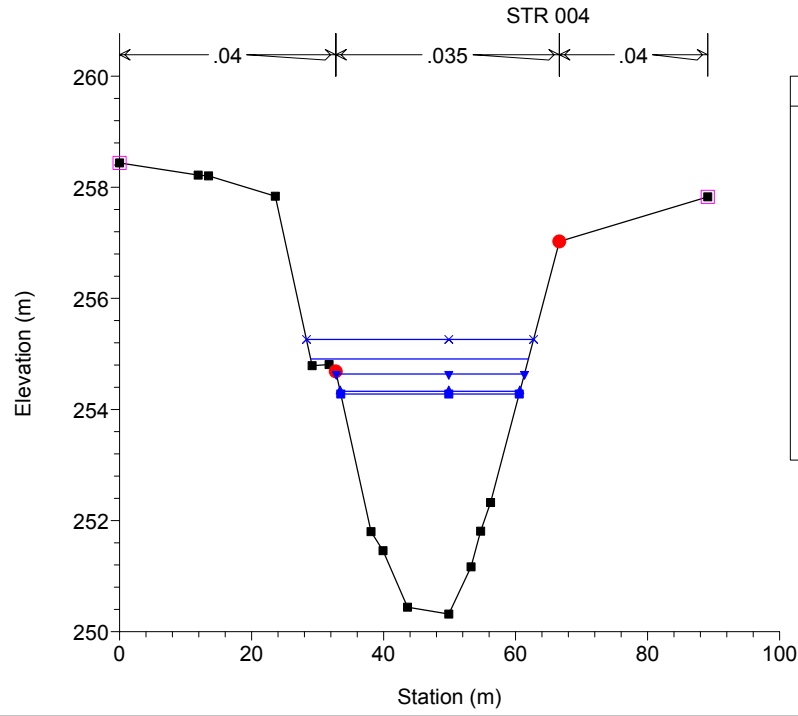
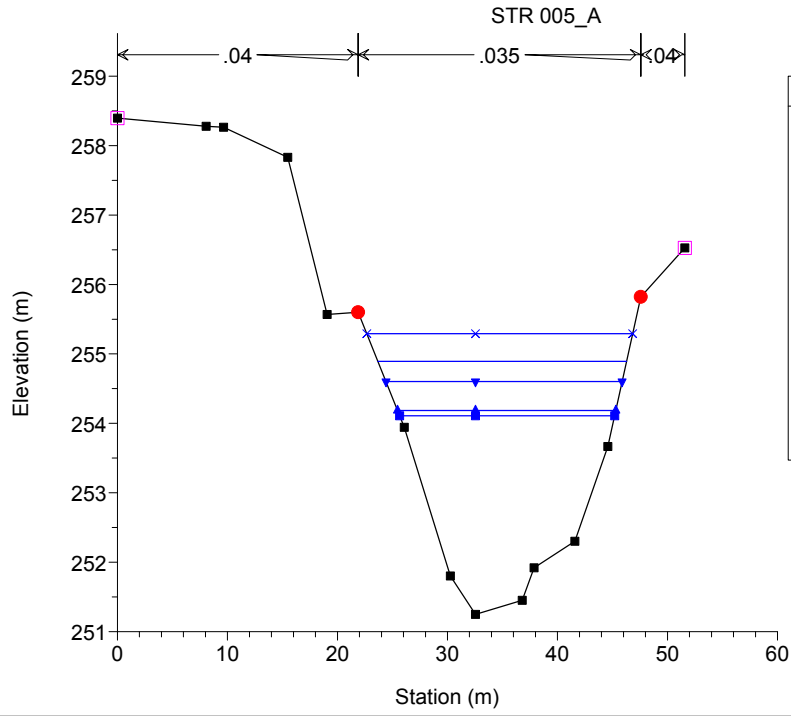
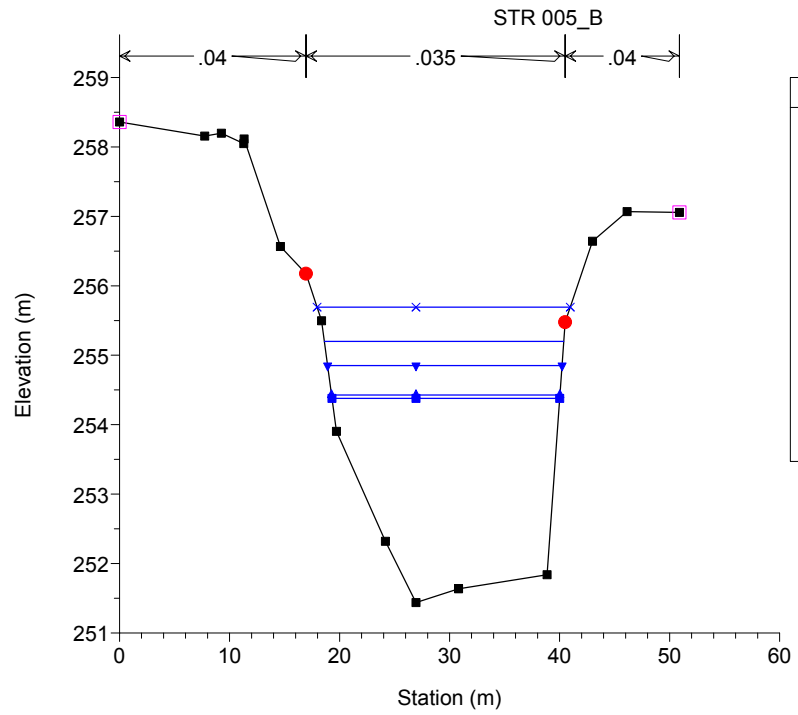
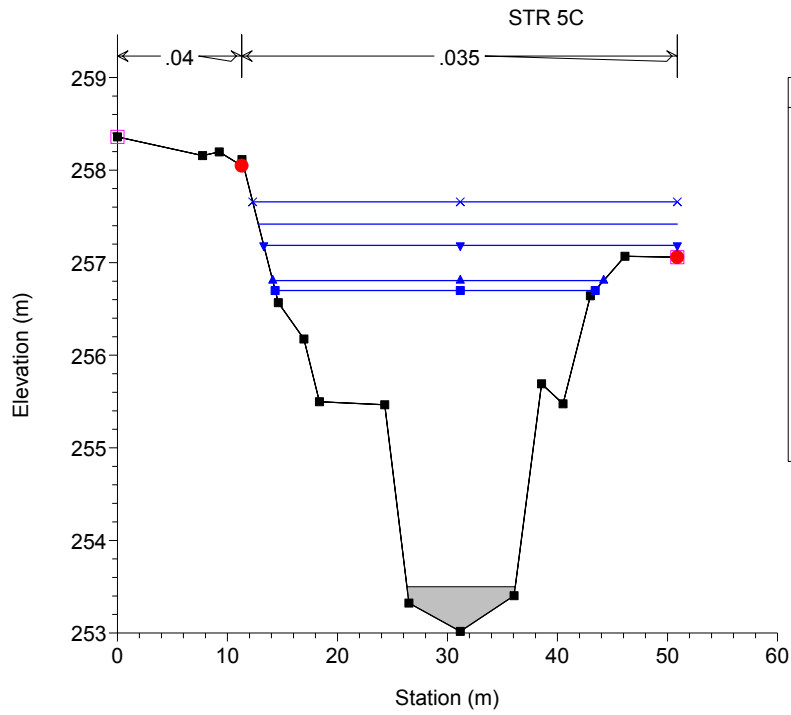




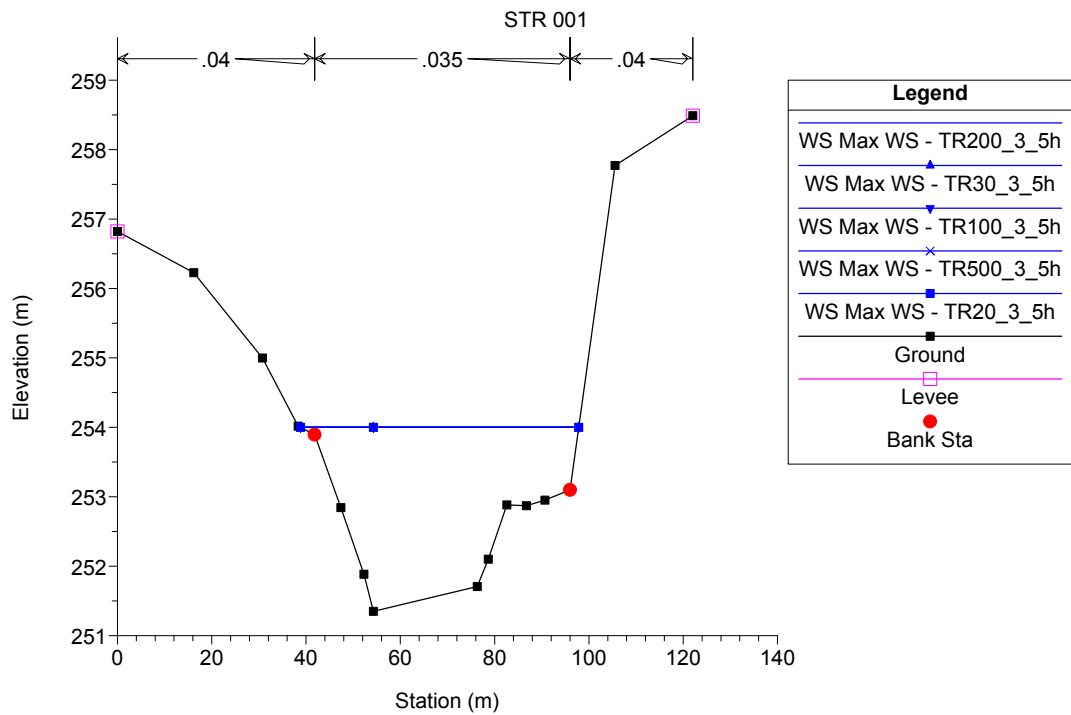
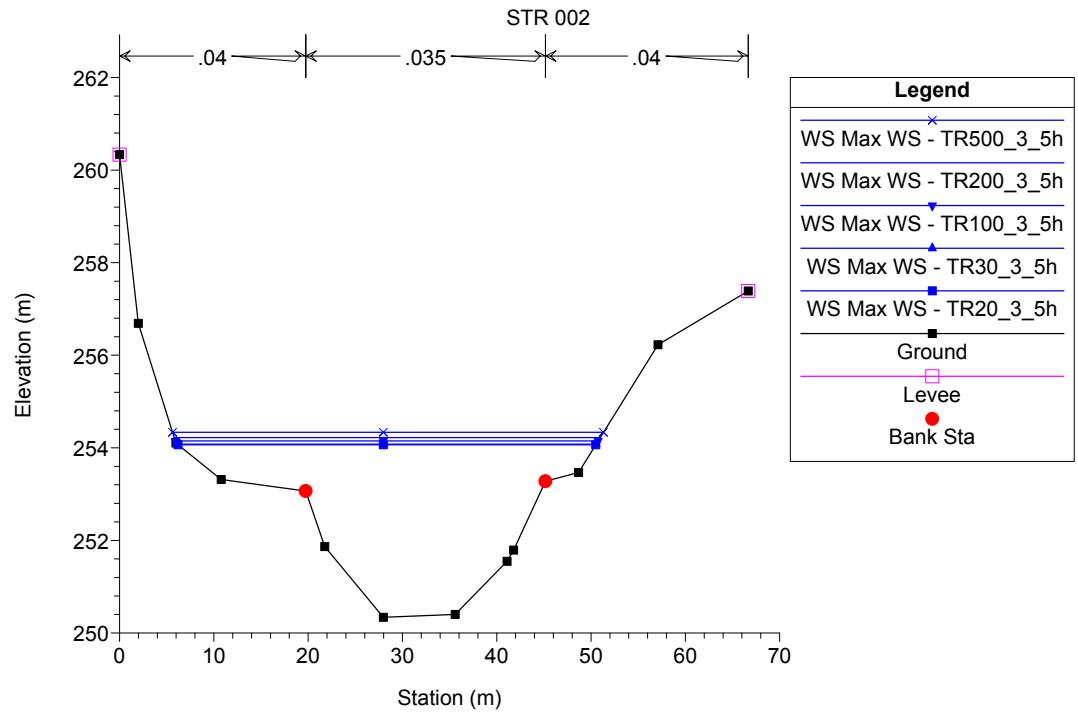
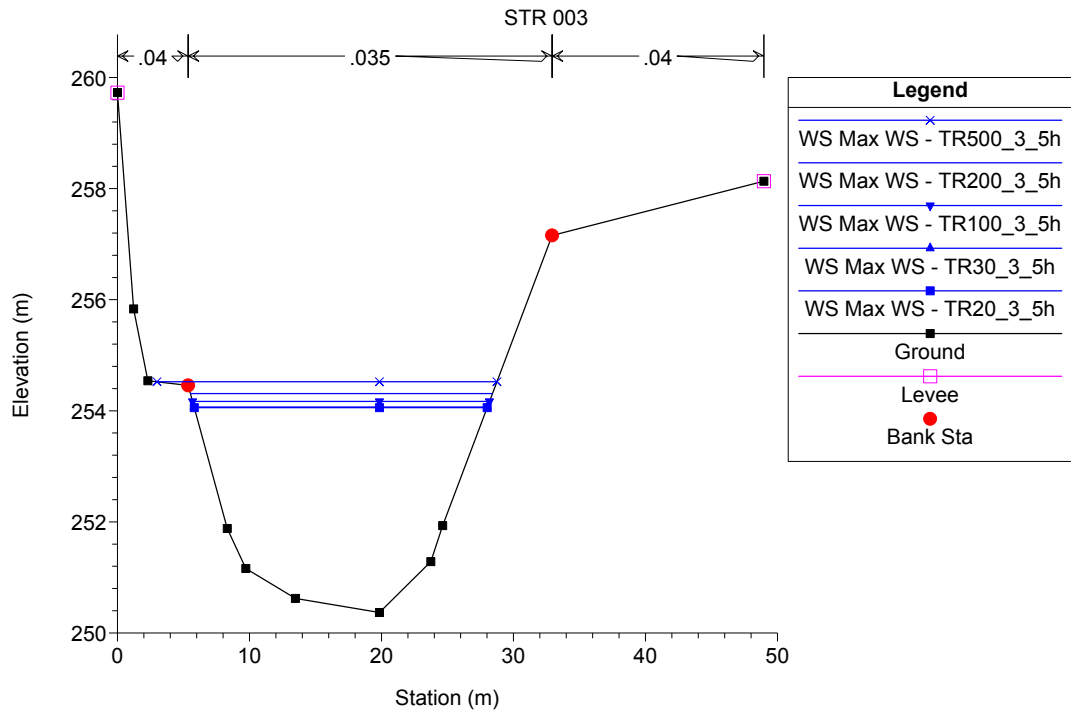












Reach	River Sta	Profile	Plan	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
t.stura monte	48	Max WS	TR200_3_5h	160.88	301.93	304.88	305.15	306.01	0.018937	4.71	34.18	25.15	1.29
t.stura monte	48	Max WS	TR30_3_5h	104.13	301.93	304.47	304.69	305.37	0.018503	4.21	24.75	21.24	1.24
t.stura monte	48	Max WS	TR100_3_5h	137.71	301.93	304.73	304.99	305.76	0.018773	4.52	30.50	23.75	1.27
t.stura monte	48	Max WS	TR500_3_5h	196.25	301.93	305.08	305.38	306.34	0.018908	4.96	39.57	26.80	1.30
t.stura monte	48	Max WS	TR20_3_5h	94.30	301.93	304.39	304.59	305.24	0.018331	4.11	22.96	20.29	1.23
t.stura monte	47	Max WS	TR200_3_5h	160.84	299.65	302.84		303.58	0.006373	3.80	42.34	16.79	0.76
t.stura monte	47	Max WS	TR30_3_5h	104.11	299.65	302.30		302.79	0.005442	3.11	33.44	16.16	0.69
t.stura monte	47	Max WS	TR100_3_5h	137.70	299.65	302.64		303.27	0.006006	3.53	38.98	16.36	0.73
t.stura monte	47	Max WS	TR500_3_5h	196.19	299.65	303.12		304.01	0.006845	4.18	47.17	17.90	0.79
t.stura monte	47	Max WS	TR20_3_5h	94.28	299.65	302.18		302.64	0.005282	2.98	31.63	16.10	0.68
t.stura monte	46	Max WS	TR200_3_5h	160.83	299.24	301.70	301.81	302.57	0.010143	4.23	41.12	30.08	0.99
t.stura monte	46	Max WS	TR30_3_5h	104.10	299.24	301.26	301.31	301.96	0.010617	3.72	28.00	18.94	0.98
t.stura monte	46	Max WS	TR100_3_5h	137.70	299.24	301.53	301.63	302.34	0.010306	4.04	36.23	29.21	0.98
t.stura monte	46	Max WS	TR500_3_5h	196.17	299.24	301.92	302.05	302.89	0.010026	4.49	47.89	30.61	1.00
t.stura monte	46	Max WS	TR20_3_5h	94.27	299.24	301.16	301.13	301.82	0.010692	3.61	26.14	18.65	0.97
t.stura monte	45	Max WS	TR200_3_5h	160.81	297.03	299.89		300.58	0.009065	3.68	43.74	26.55	0.91
t.stura monte	45	Max WS	TR30_3_5h	104.09	297.03	299.41		299.96	0.009580	3.29	31.66	23.92	0.91
t.stura monte	45	Max WS	TR100_3_5h	137.69	297.03	299.70		300.34	0.008969	3.54	38.91	24.78	0.90
t.stura monte	45	Max WS	TR500_3_5h	196.13	297.03	300.14		300.91	0.009242	3.87	50.65	28.89	0.93
t.stura monte	45	Max WS	TR20_3_5h	94.26	297.03	299.31		299.83	0.009915	3.21	29.38	23.73	0.92
t.stura monte	44.4	Max WS	TR200_3_5h	160.80	295.97	299.63		299.94	0.002648	2.59	68.62	34.17	0.52
t.stura monte	44.4	Max WS	TR30_3_5h	104.08	295.97	299.07		299.31	0.002873	2.27	49.96	31.63	0.52
t.stura monte	44.4	Max WS	TR100_3_5h	137.69	295.97	299.42		299.70	0.002729	2.47	61.22	33.46	0.52
t.stura monte	44.4	Max WS	TR500_3_5h	196.10	295.97	299.94		300.29	0.002548	2.75	79.39	35.08	0.52
t.stura monte	44.4	Max WS	TR20_3_5h	94.25	295.97	298.96		299.19	0.002919	2.20	46.51	31.28	0.52
t.stura monte	44.3	Max WS	TR200_3_5h	160.79	296.75	299.55	298.91	299.91	0.003044	2.70	62.80	31.23	0.57
t.stura monte	44.3	Max WS	TR30_3_5h	104.08	296.75	299.00	298.47	299.28	0.003374	2.36	45.82	29.99	0.57
t.stura monte	44.3	Max WS	TR100_3_5h	137.69	296.75	299.34	298.76	299.66	0.003148	2.57	56.17	30.75	0.57
t.stura monte	44.3	Max WS	TR500_3_5h	196.10	296.75	299.86	299.13	300.26	0.002926	2.87	72.36	31.90	0.57
t.stura monte	44.3	Max WS	TR20_3_5h	94.25	296.75	298.89	298.37	299.15	0.003469	2.29	42.58	29.75	0.57
t.stura monte	44.2			Inl Struct									
t.stura monte	44.1	Max WS	TR200_3_5h	160.79	294.11	298.48		298.62	0.000706	1.63	98.85	29.34	0.28
t.stura monte	44.1	Max WS	TR30_3_5h	104.08	294.11	297.96		298.04	0.000483	1.24	84.10	27.96	0.23
t.stura monte	44.1	Max WS	TR100_3_5h	137.69	294.11	298.28		298.39	0.000622	1.48	93.18	28.44	0.26
t.stura monte	44.1	Max WS	TR500_3_5h	196.10	294.11	298.75		298.93	0.000822	1.84	107.08	30.28	0.30
t.stura monte	44.1	Max WS	TR20_3_5h	94.24	294.11	297.86		297.93	0.000440	1.16	81.20	27.80	0.22
t.stura monte	44	Max WS	TR200_3_5h	160.79	295.14	298.23		298.58	0.003623	2.63	61.24	30.69	0.59
t.stura monte	44	Max WS	TR30_3_5h	104.07	295.14	297.76		298.01	0.003429	2.21	47.16	29.70	0.56
t.stura monte	44	Max WS	TR100_3_5h	137.69	295.14	298.05		298.36	0.003542	2.47	55.85	30.27	0.58
t.stura monte	44	Max WS	TR500_3_5h	196.09	295.14	298.48		298.89	0.003714	2.85	68.93	31.50	0.61
t.stura monte	44	Max WS	TR20_3_5h	94.24	295.14	297.67		297.90	0.003400	2.12	44.39	29.52	0.55
t.stura monte	43.3	Max WS	TR200_3_5h	160.79	295.44	298.23	297.45	298.49	0.002746	2.27	70.79	36.53	0.52
t.stura monte	43.3	Max WS	TR30_3_5h	104.07	295.44	297.73	297.08	297.92	0.002678	1.96	53.10	33.79	0.50
t.stura monte	43.3	Max WS	TR100_3_5h	137.69	295.44	298.04	297.31	298.27	0.002727	2.16	63.81	35.48	0.51
t.stura monte	43.3	Max WS	TR500_3_5h	196.09	295.44	298.50	297.66	298.80	0.002761	2.42	81.00	38.02	0.53
t.stura monte	43.3	Max WS	TR20_3_5h	94.24	295.44	297.63	297.00	297.81	0.002653	1.89	49.82	33.26	0.49
t.stura monte	43.2			Inl Struct									
t.stura monte	43.1	Max WS	TR200_3_5h	160.77	290.93	296.09		296.24	0.000679	1.73	94.38	26.12	0.27
t.stura monte	43.1	Max WS	TR30_3_5h	104.07	290.93	295.50		295.59	0.000460	1.31	79.95	23.38	0.22
t.stura monte	43.1	Max WS	TR100_3_5h	137.69	290.93	295.88		296.00	0.000585	1.56	89.11	24.96	0.25
t.stura monte	43.1	Max WS	TR500_3_5h	196.07	290.93	296.34		296.54	0.000834	1.98	101.23	27.55	0.30
t.stura monte	43.1	Max WS	TR20_3_5h	94.24	290.93	295.36		295.44	0.000425	1.23	76.80	23.00	0.21
t.stura monte	43	Max WS	TR200_3_5h	160.78	292.50	295.57	295.53	296.52	0.008676	4.41	39.13	20.06	0.90
t.stura monte	43	Max WS	TR30_3_5h	104.07	292.50	295.07	294.97	295.76	0.008185	3.72	29.29	19.46	0.84
t.stura monte	43	Max WS	TR100_3_5h	137.69	292.50	295.38	295.33	296.23	0.008498	4.14	35.41	19.80	0.88
t.stura monte	43	Max WS	TR500_3_5h	196.08	292.50	295.83	295.82	296.93	0.008985	4.80	44.29	20.42	0.93
t.stura monte	43	Max WS	TR20_3_5h	94.24	292.50	294.97	294.78	295.61	0.008043	3.58	27.30	19.38	0.83
t.stura monte	42	Max WS	TR200_3_5h	160.78	291.65	294.47	294.73	295.64	0.013126	4.86	34.95	22.93	1.12
t.stura monte	42	Max WS	TR30_3_5h	104.06	291.65	293.96	294.14	294.92	0.014620	4.35	24.31	18.56	1.13
t.stura monte	42	Max WS	TR100_3_5h	137.69	291.65	294.27	294.50	295.37	0.013737	4.68	30.59	21.31	1.13
t.stura monte	42	Max WS	TR500_3_5h	196.08	291.65	294.74	295.00	296.00	0.012491	5.09	41.36	24.54	1.11
t.stura monte	42	Max WS	TR20_3_5h	94.23	291.65	293.86	294.03	294.77	0.014500	4.23	22.53	17.40	1.12
t.stura monte	41	Max WS	TR200_3_5h	160.77	290.85	293.82		294.53	0.009043	3.73	43.12	25.04	0.91
t.stura monte	41	Max WS	TR30_3_5h	104.06	290.85	293.25		293.86	0.010183	3.46	30.04	21.30	0.93
t.stura monte	41	Max WS	TR100_3_5h	137.69	290.85	293.59		294.27	0.009235	3.67	37.47	22.48	0.91
t.stura monte	41	Max WS	TR500_3_5h	196.07	290.85	294.15		294.89	0.007848	3.79	51.72	26.67	0.86
t.stura monte	41	Max WS	TR20_3_5h	94.23	290.85	293.14		293.73	0.010471	3.38	27.86	20.94	0.94
t.stura monte	40.9			Lat Struct									
t.stura monte	40	Max WS	TR200_3_5h	160.76	290.04	292.97		293.80	0.008010	4.04	39.83	18.40	0.88
t.stura monte	40	Max WS	TR30_3_5h	104.06	290.04	292.39		293.03	0.008028	3.52	29.55	17.08	0.85
t.stura monte	40	Max WS	TR100_3_5h	137.68	290.04	292.75		293.50	0.008007	3.85	35.80	17.90	0.87

Reach	River Sta	Profile	Plan	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
t.stura monte	40	Max WS	TR500_3_5h	196.06	290.04	293.28		294.22	0.008045	4.30	45.64	19.13	0.89
t.stura monte	40	Max WS	TR20_3_5h	94.22	290.04	292.28		292.87	0.008033	3.41	27.62	16.82	0.85
t.stura monte	39.85			Lat Struct									
t.stura monte	39.6	Max WS	TR200_3_5h	156.13	288.88	291.88		292.62	0.006910	3.80	41.08	18.57	0.82
t.stura monte	39.6	Max WS	TR30_3_5h	98.86	288.88	291.23		291.80	0.007235	3.34	29.56	17.08	0.81
t.stura monte	39.6	Max WS	TR100_3_5h	132.84	288.88	291.68		292.32	0.006574	3.55	37.38	18.11	0.79
t.stura monte	39.6	Max WS	TR500_3_5h	192.05	288.88	292.09		293.02	0.008037	4.27	45.01	19.05	0.89
t.stura monte	39.6	Max WS	TR20_3_5h	88.75	288.88	291.08		291.63	0.007643	3.29	26.95	16.68	0.83
t.stura monte	39.5	Max WS	TR200_3_5h	156.05	288.84	291.85		292.58	0.006782	3.78	41.33	18.60	0.81
t.stura monte	39.5	Max WS	TR30_3_5h	98.85	288.84	291.20		291.77	0.007119	3.33	29.73	17.10	0.81
t.stura monte	39.5	Max WS	TR100_3_5h	132.84	288.84	291.66		292.29	0.006421	3.52	37.69	18.14	0.78
t.stura monte	39.5	Max WS	TR500_3_5h	191.88	288.84	292.05		292.98	0.008027	4.26	45.00	19.05	0.89
t.stura monte	39.5	Max WS	TR20_3_5h	88.66	288.84	291.04		291.59	0.007571	3.28	27.02	16.70	0.82
t.stura valle fi	39	Max WS	TR200_3_5h	179.39	288.00	291.48	291.40	292.40	0.009286	4.23	42.36	20.73	0.95
t.stura valle fi	39	Max WS	TR30_3_5h	115.79	288.00	290.85		291.59	0.008745	3.81	30.39	16.61	0.90
t.stura valle fi	39	Max WS	TR100_3_5h	153.39	288.00	291.26		292.10	0.009270	4.05	37.84	19.78	0.94
t.stura valle fi	39	Max WS	TR500_3_5h	217.66	288.00	291.79	291.71	292.80	0.009162	4.46	48.80	21.78	0.95
t.stura valle fi	39	Max WS	TR20_3_5h	104.86	288.00	290.72		291.42	0.008724	3.71	28.24	16.03	0.89
t.stura valle fi	38.9			Lat Struct									
t.stura valle fi	38.4	Max WS	TR200_3_5h	179.35	286.77	290.51		291.12	0.005752	3.47	51.93	26.14	0.75
t.stura valle fi	38.4	Max WS	TR30_3_5h	115.77	286.77	289.85		290.36	0.006230	3.14	36.84	21.09	0.76
t.stura valle fi	38.4	Max WS	TR100_3_5h	153.39	286.77	290.25		290.83	0.006117	3.37	45.57	23.15	0.77
t.stura valle fi	38.4	Max WS	TR500_3_5h	216.97	286.77	290.97		291.56	0.004464	3.42	63.31	31.41	0.68
t.stura valle fi	38.4	Max WS	TR20_3_5h	104.80	286.77	289.72		290.20	0.006345	3.08	34.04	20.39	0.76
t.stura valle fi	38.39			Lat Struct									
t.stura valle fi	38.3	Max WS	TR200_3_5h	179.15	286.51	290.42	289.76	290.99	0.004637	3.33	53.74	21.83	0.68
t.stura valle fi	38.3	Max WS	TR30_3_5h	115.77	286.51	289.83	289.15	290.23	0.004092	2.80	41.33	20.00	0.62
t.stura valle fi	38.3	Max WS	TR100_3_5h	153.39	286.51	290.19	289.54	290.69	0.004486	3.15	48.74	21.11	0.66
t.stura valle fi	38.3	Max WS	TR500_3_5h	216.83	286.51	290.86	290.08	291.45	0.004221	3.41	63.62	23.19	0.66
t.stura valle fi	38.3	Max WS	TR20_3_5h	104.79	286.51	289.70	289.02	290.07	0.004023	2.70	38.79	19.61	0.61
t.stura valle fi	38.2			Bridge									
t.stura valle fi	38.1	Max WS	TR200_3_5h	179.24	286.51	290.14		290.86	0.006498	3.75	47.74	20.97	0.79
t.stura valle fi	38.1	Max WS	TR30_3_5h	115.77	286.51	289.71		290.16	0.004852	2.97	38.95	19.63	0.67
t.stura valle fi	38.1	Max WS	TR100_3_5h	153.39	286.51	290.00		290.60	0.005675	3.42	44.88	20.54	0.74
t.stura valle fi	38.1	Max WS	TR500_3_5h	217.47	286.51	290.28		291.22	0.008010	4.28	50.81	21.42	0.89
t.stura valle fi	38.1	Max WS	TR20_3_5h	104.79	286.51	289.59		290.00	0.004722	2.86	36.64	19.19	0.66
t.stura valle fi	38.09			Lat Struct									
t.stura valle fi	38	Max WS	TR200_3_5h	179.22	286.56	290.23		290.80	0.004631	3.36	53.59	24.05	0.68
t.stura valle fi	38	Max WS	TR30_3_5h	115.77	286.56	289.77		290.13	0.003521	2.66	43.57	20.35	0.58
t.stura valle fi	38	Max WS	TR100_3_5h	153.39	286.56	290.08		290.56	0.004151	3.06	50.16	21.86	0.64
t.stura valle fi	38	Max WS	TR500_3_5h	217.20	286.56	290.36		291.12	0.005756	3.87	56.75	26.29	0.76
t.stura valle fi	38	Max WS	TR20_3_5h	104.79	286.56	289.64		289.97	0.003392	2.55	41.12	19.90	0.57
t.stura valle fi	37.4	Max WS	TR200_3_5h	170.82	286.46	289.60	289.55	290.43	0.006930	4.22	46.36	24.97	0.82
t.stura valle fi	37.4	Max WS	TR30_3_5h	115.74	286.46	289.13	288.88	289.80	0.006462	3.71	34.70	24.52	0.77
t.stura valle fi	37.4	Max WS	TR100_3_5h	150.95	286.46	289.41	289.39	290.21	0.007110	4.12	41.63	24.79	0.82
t.stura valle fi	37.4	Max WS	TR500_3_5h	190.46	286.46	289.82		290.63	0.006401	4.22	51.90	25.18	0.79
t.stura valle fi	37.4	Max WS	TR20_3_5h	104.78	286.46	289.03	288.71	289.65	0.006206	3.55	32.25	23.02	0.75
t.stura valle fi	37.3	Max WS	TR200_3_5h	175.67	286.74	289.89	289.14	290.24	0.003167	2.61	67.41	31.24	0.57
t.stura valle fi	37.3	Max WS	TR30_3_5h	115.71	286.74	289.35	288.68	289.62	0.003258	2.28	50.78	29.94	0.56
t.stura valle fi	37.3	Max WS	TR100_3_5h	149.77	286.74	289.69	288.96	289.99	0.003128	2.45	61.02	30.87	0.56
t.stura valle fi	37.3	Max WS	TR500_3_5h	214.61	286.74	290.15	289.39	290.56	0.003360	2.85	75.38	31.69	0.59
t.stura valle fi	37.3	Max WS	TR20_3_5h	104.77	286.74	289.24	288.59	289.49	0.003237	2.21	47.38	29.08	0.55
t.stura valle fi	37.2			Inl Struct									
t.stura valle fi	37.1	Max WS	TR200_3_5h	176.81	280.09	286.69		286.88	0.000826	1.88	93.82	17.32	0.26
t.stura valle fi	37.1	Max WS	TR30_3_5h	115.71	280.09	286.05		286.15	0.000503	1.40	82.75	17.08	0.20
t.stura valle fi	37.1	Max WS	TR100_3_5h	149.77	280.09	286.42		286.56	0.000686	1.68	89.07	17.22	0.24
t.stura valle fi	37.1	Max WS	TR500_3_5h	214.61	280.09	287.06		287.30	0.001012	2.14	100.25	17.46	0.29
t.stura valle fi	37.1	Max WS	TR20_3_5h	104.78	280.09	285.93		286.02	0.000443	1.30	80.69	17.03	0.19
t.stura valle fi	37.09			Lat Struct									
t.stura valle fi	37	Max WS	TR200_3_5h	178.09	283.53	286.28		286.79	0.004905	3.16	56.32	26.89	0.70
t.stura valle fi	37	Max WS	TR30_3_5h	115.71	283.53	285.72		286.11	0.005344	2.80	41.40	25.77	0.70
t.stura valle fi	37	Max WS	TR100_3_5h	151.48	283.53	286.05		286.52	0.005054	3.02	50.18	26.43	0.70
t.stura valle fi	37	Max WS	TR500_3_5h	214.94	283.53	286.59		287.15	0.004691	3.32	64.67	27.50	0.69
t.stura valle fi	37	Max WS	TR20_3_5h	104.78	283.53	285.60		285.98	0.005470	2.72	38.55	25.55	0.71
t.stura valle fi	36.5			Lat Struct									
t.stura valle fi	36	Max WS	TR200_3_5h	176.73	281.93	285.11	285.17	286.23	0.011598	4.70	37.63	17.99	1.04
t.stura valle fi	36	Max WS	TR30_3_5h	115.71	281.93	284.57	284.55	285.42	0.011099	4.09	28.31	16.24	0.99

Reach	River Sta	Profile	Plan	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
t.stura valle fi	36	Max WS	TR100_3_5h	151.48	281.93	284.91	284.93	285.92	0.011312	4.45	34.04	17.35	1.01
t.stura valle fi	36	Max WS	TR500_3_5h	211.03	281.93	285.37	285.47	286.63	0.011808	4.97	42.43	18.81	1.06
t.stura valle fi	36	Max WS	TR20_3_5h	104.76	281.93	284.45	284.43	285.25	0.011025	3.96	26.44	15.83	0.98
t.stura valle fi	35	Max WS	TR200_3_5h	175.80	280.79	283.55	283.68	284.50	0.012942	4.32	40.66	25.47	1.09
t.stura valle fi	35	Max WS	TR30_3_5h	115.70	280.79	283.04	283.11	283.85	0.012464	3.98	29.08	20.04	1.05
t.stura valle fi	35	Max WS	TR100_3_5h	151.47	280.79	283.36	283.47	284.26	0.012919	4.21	35.98	23.41	1.08
t.stura valle fi	35	Max WS	TR500_3_5h	210.74	280.79	283.87	283.94	284.80	0.011570	4.28	49.29	28.87	1.04
t.stura valle fi	35	Max WS	TR20_3_5h	104.75	280.79	282.93	282.99	283.70	0.012622	3.89	26.93	19.40	1.05
t.stura valle fi	34	Max WS	TR200_3_5h	180.39	278.94	282.39	282.31	283.26	0.008202	4.16	44.59	25.10	0.91
t.stura valle fi	34	Max WS	TR30_3_5h	115.70	278.94	281.82		282.50	0.009043	3.65	31.76	19.78	0.91
t.stura valle fi	34	Max WS	TR100_3_5h	153.35	278.94	282.17	282.10	282.97	0.008567	3.96	39.23	24.24	0.91
t.stura valle fi	34	Max WS	TR500_3_5h	218.20	278.94	283.15		283.79	0.004075	3.60	65.24	29.42	0.67
t.stura valle fi	34	Max WS	TR20_3_5h	104.75	278.94	281.71		282.35	0.009122	3.54	29.64	19.41	0.91
t.stura valle fi	33.9			Lat Struct									
t.stura valle fi	33.2222	Max WS	TR200_3_5h	180.13	278.76	281.78		282.33	0.007204	3.29	54.79	27.69	0.75
t.stura valle fi	33.2222	Max WS	TR30_3_5h	115.69	278.76	281.20		281.64	0.007676	2.93	39.48	25.27	0.75
t.stura valle fi	33.2222	Max WS	TR100_3_5h	153.34	278.76	281.52		282.05	0.007658	3.20	47.86	26.48	0.76
t.stura valle fi	33.2222	Max WS	TR500_3_5h	218.27	278.76	283.26		283.50	0.002157	2.14	101.89	39.89	0.42
t.stura valle fi	33.2222	Max WS	TR20_3_5h	104.74	278.76	281.10		281.51	0.007602	2.83	37.05	24.92	0.74
t.stura valle fi	33.1111	Max WS	TR200_3_5h	180.12	278.73	281.70		282.23	0.006966	3.22	55.95	28.47	0.73
t.stura valle fi	33.1111	Max WS	TR30_3_5h	115.69	278.73	281.07		281.52	0.008479	2.98	38.78	26.11	0.78
t.stura valle fi	33.1111	Max WS	TR100_3_5h	153.34	278.73	281.41		281.93	0.007866	3.19	48.05	27.35	0.77
t.stura valle fi	33.1111	Max WS	TR500_3_5h	218.30	278.73	283.25		283.47	0.001829	2.06	106.01	37.82	0.39
t.stura valle fi	33.1111	Max WS	TR20_3_5h	104.74	278.73	280.97		281.39	0.008572	2.90	36.17	25.74	0.78
t.stura valle fi	33	Max WS	TR200_3_5h	180.04	278.70	281.64		282.14	0.005347	3.13	57.49	29.44	0.72
t.stura valle fi	33	Max WS	TR30_3_5h	115.69	278.70	280.92		281.41	0.008079	3.10	37.26	26.88	0.84
t.stura valle fi	33	Max WS	TR100_3_5h	153.34	278.70	281.31		281.83	0.006562	3.18	48.16	28.29	0.78
t.stura valle fi	33	Max WS	TR500_3_5h	218.30	278.70	283.25		283.45	0.001237	1.97	110.95	36.98	0.36
t.stura valle fi	33	Max WS	TR20_3_5h	104.74	278.70	280.81		281.28	0.008540	3.06	34.27	26.49	0.86
t.stura valle fi	32.4	Max WS	TR200_3_5h	180.03	277.43	281.22		281.71	0.003646	3.10	58.05	21.75	0.61
t.stura valle fi	32.4	Max WS	TR30_3_5h	115.67	277.43	280.16		280.68	0.006148	3.21	36.00	19.76	0.76
t.stura valle fi	32.4	Max WS	TR100_3_5h	153.34	277.43	280.78		281.29	0.004416	3.15	48.69	20.93	0.66
t.stura valle fi	32.4	Max WS	TR500_3_5h	218.33	277.43	283.15		283.36	0.000822	2.04	116.69	35.84	0.31
t.stura valle fi	32.4	Max WS	TR20_3_5h	104.73	277.43	279.97		280.51	0.006927	3.23	32.38	19.41	0.80
t.stura valle fi	32.39			Lat Struct									
t.stura valle fi	32.3	Max WS	TR200_3_5h	180.02	276.74	281.39	279.69	281.69	0.001303	2.39	75.18	34.54	0.40
t.stura valle fi	32.3	Max WS	TR30_3_5h	115.66	276.74	280.43	279.15	280.65	0.001477	2.08	55.52	27.21	0.40
t.stura valle fi	32.3	Max WS	TR100_3_5h	153.34	276.74	280.99	279.49	281.26	0.001384	2.29	67.04	31.51	0.40
t.stura valle fi	32.3	Max WS	TR500_3_5h	218.10	276.74	283.15	279.96	283.35	0.000518	1.96	116.47	46.11	0.27
t.stura valle fi	32.3	Max WS	TR20_3_5h	104.74	276.74	280.26	279.04	280.46	0.001500	2.01	52.07	25.92	0.40
t.stura valle fi	32.2			Bridge									
t.stura valle fi	32.1	Max WS	TR200_3_5h	179.98	276.74	280.79		281.21	0.002361	2.86	62.88	29.95	0.52
t.stura valle fi	32.1	Max WS	TR30_3_5h	115.28	276.74	280.10		280.38	0.002252	2.36	48.82	24.71	0.49
t.stura valle fi	32.1	Max WS	TR100_3_5h	153.30	276.74	280.52		280.88	0.002321	2.67	57.40	27.91	0.51
t.stura valle fi	32.1	Max WS	TR500_3_5h	217.73	276.74	281.12		281.62	0.002463	3.13	69.60	32.46	0.54
t.stura valle fi	32.1	Max WS	TR20_3_5h	104.73	276.74	279.96		280.22	0.002264	2.28	46.01	23.66	0.48
t.stura valle fi	32.09			Lat Struct									
t.stura valle fi	32	Max WS	TR200_3_5h	179.98	277.06	280.87		281.17	0.002049	2.44	73.77	25.97	0.46
t.stura valle fi	32	Max WS	TR30_3_5h	115.00	277.06	280.11		280.34	0.002249	2.12	54.24	25.93	0.47
t.stura valle fi	32	Max WS	TR100_3_5h	153.30	277.06	280.57		280.85	0.002111	2.32	66.13	25.95	0.46
t.stura valle fi	32	Max WS	TR500_3_5h	217.72	277.06	281.23		281.58	0.002038	2.62	83.27	25.98	0.47
t.stura valle fi	32	Max WS	TR20_3_5h	104.73	277.06	279.96		280.18	0.002373	2.08	50.35	25.92	0.48
t.stura valle fi	31.4	Max WS	TR200_3_5h	179.97	276.58	280.90		281.12	0.001204	2.07	87.17	25.99	0.36
t.stura valle fi	31.4	Max WS	TR30_3_5h	114.78	276.58	280.15		280.29	0.001107	1.70	67.51	25.95	0.34
t.stura valle fi	31.4	Max WS	TR100_3_5h	153.30	276.58	280.61		280.80	0.001173	1.93	79.46	25.98	0.35
t.stura valle fi	31.4	Max WS	TR500_3_5h	217.65	276.58	281.27		281.53	0.001265	2.25	96.76	26.01	0.37
t.stura valle fi	31.4	Max WS	TR20_3_5h	104.72	276.58	279.99		280.13	0.001119	1.65	63.56	25.95	0.34
t.stura valle	31.1	Max WS	TR200_3_5h	254.73	276.18	279.79	279.81	280.88	0.010230	4.61	55.30	26.19	1.01
t.stura valle	31.1	Max WS	TR30_3_5h	164.78	276.18	279.24	279.24	280.06	0.010921	4.01	41.11	25.28	1.00
t.stura valle	31.1	Max WS	TR100_3_5h	217.68	276.18	279.58	279.59	280.56	0.010474	4.38	49.67	25.83	1.01
t.stura valle	31.1	Max WS	TR500_3_5h	305.13	276.18	280.08	280.10	281.28	0.009847	4.86	62.84	26.67	1.01
t.stura valle	31.1	Max WS	TR20_3_5h	149.00	276.18	279.14	279.14	279.90	0.011067	3.88	38.44	25.10	1.00
t.stura valle	31	Max WS	TR200_3_5h	254.72	275.98	279.74		280.69	0.008302	4.31	59.12	26.44	0.92
t.stura valle	31	Max WS	TR30_3_5h	164.76	275.98	279.21		279.88	0.008066	3.64	45.23	25.55	0.87
t.stura valle	31	Max WS	TR100_3_5h	217.67	275.98	279.53		280.37	0.008256	4.07	53.57	26.08	0.90
t.stura valle	31	Max WS	TR500_3_5h	305.12	275.98	280.03		281.09	0.008166	4.58	66.73	26.91	0.93
t.stura valle	31	Max WS	TR20_3_5h	149.00	275.98	279.11		279.73	0.007932	3.49	42.68	25.38	0.86
t.stura valle	30.9	Max WS	TR200_3_5h	254.72	275.98	279.72		280.69	0.008478	4.34	58.72	26.44	0.93
t.stura valle	30.9	Max WS	TR30_3_5h	164.76	275.98	279.19		279.88	0.008326	3.68	44.78	25.52	0.89
t.stura valle	30.9	Max WS	TR100_3_5h	217.67	275.98	279.51		280.37	0.008459	4.10	53.16	26.06	0.91

Reach	River Sta	Profile	Plan	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
t.stura valle	30.9	Max WS	TR500_3_5h	305.13	275.98	280.01		281.09	0.008312	4.60	66.36	26.89	0.93
t.stura valle	30.9	Max WS	TR20_3_5h	149.00	275.98	279.09		279.72	0.008207	3.53	42.22	25.35	0.87
t.stura valle	30.89			Lat Struct									
t.stura valle	30.4	Max WS	TR200_3_5h	254.69	275.87	279.77		280.24	0.003259	3.05	85.49	35.72	0.60
t.stura valle	30.4	Max WS	TR30_3_5h	164.60	275.87	279.16		279.50	0.003346	2.59	64.33	33.96	0.58
t.stura valle	30.4	Max WS	TR100_3_5h	217.67	275.87	279.53		279.95	0.003294	2.87	77.09	35.03	0.60
t.stura valle	30.4	Max WS	TR500_3_5h	305.11	275.87	280.10		280.62	0.003125	3.23	97.69	38.57	0.60
t.stura valle	30.4	Max WS	TR20_3_5h	148.99	275.87	279.05		279.36	0.003355	2.49	60.40	33.63	0.58
t.stura valle	30.3	Max WS	TR200_3_5h	254.69	275.91	279.56	278.90	280.15	0.003854	3.42	74.42	31.88	0.66
t.stura valle	30.3	Max WS	TR30_3_5h	164.54	275.91	279.04	278.37	279.42	0.003214	2.72	60.46	30.14	0.58
t.stura valle	30.3	Max WS	TR100_3_5h	217.67	275.91	279.36	278.69	279.87	0.003608	3.15	69.08	31.22	0.63
t.stura valle	30.3	Max WS	TR500_3_5h	305.10	275.91	279.83	279.16	280.54	0.004004	3.72	81.99	32.83	0.68
t.stura valle	30.3	Max WS	TR20_3_5h	148.99	275.91	278.94	278.27	279.28	0.003079	2.58	57.71	29.80	0.57
t.stura valle	30.2			Bridge									
t.stura valle	30.1	Max WS	TR200_3_5h	254.68	275.91	279.38		280.06	0.004790	3.65	69.72	31.30	0.73
t.stura valle	30.1	Max WS	TR30_3_5h	164.54	275.91	278.96		279.37	0.003638	2.82	58.26	29.87	0.62
t.stura valle	30.1	Max WS	TR100_3_5h	217.67	275.91	279.23		279.79	0.004284	3.32	65.61	30.78	0.68
t.stura valle	30.1	Max WS	TR500_3_5h	305.10	275.91	279.54		280.41	0.005617	4.12	74.08	31.84	0.80
t.stura valle	30.1	Max WS	TR20_3_5h	148.99	275.91	278.87		279.23	0.003473	2.68	55.66	29.54	0.60
t.stura valle	30.09			Lat Struct									
t.stura valle	30	Max WS	TR200_3_5h	254.68	275.80	279.35		280.00	0.007357	3.55	71.70	40.02	0.85
t.stura valle	30	Max WS	TR30_3_5h	164.53	275.80	278.82		279.33	0.007223	3.17	51.91	33.84	0.82
t.stura valle	30	Max WS	TR100_3_5h	217.67	275.80	279.15		279.74	0.007372	3.42	63.64	37.62	0.84
t.stura valle	30	Max WS	TR500_3_5h	305.10	275.80	279.61		280.31	0.007314	3.71	82.34	42.98	0.85
t.stura valle	30	Max WS	TR20_3_5h	148.99	275.80	278.71		279.19	0.007144	3.08	48.36	32.60	0.81
t.stura valle	29.67			Lat Struct									
t.stura valle	29.2	Max WS	TR200_3_5h	254.56	275.52	278.97		279.48	0.003607	3.21	85.48	49.20	0.63
t.stura valle	29.2	Max WS	TR30_3_5h	164.47	275.52	278.34		278.72	0.003877	2.77	61.28	34.93	0.63
t.stura valle	29.2	Max WS	TR100_3_5h	217.66	275.52	278.73		279.18	0.003649	3.03	75.40	38.03	0.63
t.stura valle	29.2	Max WS	TR500_3_5h	304.48	275.52	279.28		279.82	0.003338	3.33	103.61	60.67	0.62
t.stura valle	29.2	Max WS	TR20_3_5h	148.97	275.52	278.21		278.57	0.003986	2.69	56.93	34.27	0.63
t.stura valle	29.15			Lat Struct									
t.stura valle	29.1	Max WS	TR200_3_5h	254.57	275.50	279.10	277.99	279.40	0.001735	2.52	115.08	51.87	0.45
t.stura valle	29.1	Max WS	TR30_3_5h	164.46	275.50	278.42	277.41	278.65	0.001826	2.20	81.23	45.69	0.44
t.stura valle	29.1	Max WS	TR100_3_5h	217.66	275.50	278.84	277.75	279.11	0.001773	2.40	101.59	50.32	0.45
t.stura valle	29.1	Max WS	TR500_3_5h	304.04	275.50	279.42	278.27	279.74	0.001718	2.66	131.68	53.76	0.45
t.stura valle	29.1	Max WS	TR20_3_5h	148.97	275.50	278.28	277.31	278.50	0.001838	2.12	75.23	44.06	0.44
t.stura valle	29.05			Inl Struct									
t.stura valle	29	Max WS	TR200_3_5h	254.57	275.21	278.95		279.24	0.001650	2.49	115.55	54.91	0.44
t.stura valle	29	Max WS	TR30_3_5h	164.46	275.21	278.28		278.50	0.001602	2.11	83.15	44.04	0.41
t.stura valle	29	Max WS	TR100_3_5h	217.66	275.21	278.69		278.96	0.001630	2.34	102.41	49.08	0.43
t.stura valle	29	Max WS	TR500_3_5h	304.03	275.21	279.25		279.59	0.001700	2.68	133.63	63.74	0.45
t.stura valle	29	Max WS	TR20_3_5h	148.97	275.21	278.15		278.35	0.001585	2.03	77.45	42.43	0.41
t.stura valle	28.9			Lat Struct									
t.stura valle	28.3	Max WS	TR200_3_5h	252.89	275.05	278.93	277.66	279.23	0.001912	2.42	104.71	36.91	0.46
t.stura valle	28.3	Max WS	TR30_3_5h	164.45	275.05	278.27	277.15	278.49	0.001791	2.03	80.85	35.88	0.43
t.stura valle	28.3	Max WS	TR100_3_5h	217.11	275.05	278.68	277.46	278.94	0.001873	2.27	95.52	36.65	0.45
t.stura valle	28.3	Max WS	TR500_3_5h	299.86	275.05	279.23	277.90	279.57	0.001957	2.59	115.94	37.11	0.47
t.stura valle	28.3	Max WS	TR20_3_5h	148.97	275.05	278.14	277.04	278.34	0.001747	1.95	76.21	35.29	0.42
t.stura valle	28.2			Inl Struct									
t.stura valle	28.1	Max WS	TR200_3_5h	252.89	270.44	274.74		274.98	0.001159	2.19	117.08	32.74	0.36
t.stura valle	28.1	Max WS	TR30_3_5h	164.45	270.44	274.17		274.32	0.000831	1.68	98.61	32.58	0.30
t.stura valle	28.1	Max WS	TR100_3_5h	217.11	270.44	274.54		274.74	0.001018	1.99	110.58	32.68	0.34
t.stura valle	28.1	Max WS	TR500_3_5h	299.83	270.44	274.95		275.26	0.001368	2.46	123.93	32.80	0.40
t.stura valle	28.1	Max WS	TR20_3_5h	148.97	270.44	274.05		274.18	0.000774	1.59	94.63	32.54	0.29
t.stura valle	28.05			Lat Struct									
t.stura valle	28	Max WS	TR200_3_5h	252.88	271.13	274.29		274.99	0.007477	3.70	68.35	36.16	0.86
t.stura valle	28	Max WS	TR30_3_5h	164.44	271.13	273.77		274.31	0.007489	3.26	50.44	32.61	0.84
t.stura valle	28	Max WS	TR100_3_5h	217.11	271.13	274.11		274.74	0.007295	3.51	61.89	34.92	0.84
t.stura valle	28	Max WS	TR500_3_5h	299.84	271.13	274.48		275.29	0.007928	3.97	75.46	37.36	0.89
t.stura valle	28	Max WS	TR20_3_5h	148.97	271.13	273.66		274.17	0.007597	3.18	46.85	31.85	0.84
t.stura valle	27	Max WS	TR200_3_5h	245.33	270.72	273.87		274.55	0.005987	3.67	66.98	30.28	0.79
t.stura valle	27	Max WS	TR30_3_5h	164.43	270.72	273.29		273.85	0.007055	3.32	49.64	29.98	0.82
t.stura valle	27	Max WS	TR100_3_5h	214.71	270.72	273.65		274.29	0.006418	3.56	60.36	30.24	0.80
t.stura valle	27	Max WS	TR500_3_5h	291.58	270.72	274.03		274.87	0.006731	4.06	71.90	30.34	0.84
t.stura valle	27	Max WS	TR20_3_5h	148.96	270.72	273.17		273.71	0.007325	3.23	46.08	29.71	0.83

Reach	River Sta	Profile	Plan	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
t.stura valle	26.8			Lat Struct									
t.stura valle	26	Max WS	TR200_3_5h	249.22	269.27	272.83	272.94	273.96	0.009022	5.11	58.21	31.77	0.95
t.stura valle	26	Max WS	TR30_3_5h	164.42	269.27	272.29	272.30	273.17	0.008933	4.44	42.55	25.84	0.91
t.stura valle	26	Max WS	TR100_3_5h	217.16	269.27	272.65	272.72	273.68	0.008867	4.86	52.65	29.80	0.93
t.stura valle	26	Max WS	TR500_3_5h	290.05	269.27	273.04	273.22	274.28	0.009255	5.42	64.96	34.01	0.97
t.stura valle	26	Max WS	TR20_3_5h	148.96	269.27	272.17	272.17	273.00	0.008962	4.30	39.55	24.54	0.91
t.stura valle	25.9			Lat Struct									
t.stura valle	25	Max WS	TR200_3_5h	246.78	268.76	272.33		272.85	0.004092	3.18	77.54	32.26	0.66
t.stura valle	25	Max WS	TR30_3_5h	162.45	268.76	271.76		272.14	0.004333	2.76	58.89	32.25	0.65
t.stura valle	25	Max WS	TR100_3_5h	215.60	268.76	272.15		272.61	0.004019	3.01	71.73	32.25	0.64
t.stura valle	25	Max WS	TR500_3_5h	285.65	268.76	272.59		273.16	0.003954	3.33	85.79	32.26	0.65
t.stura valle	25	Max WS	TR20_3_5h	148.15	268.76	271.66		272.02	0.004283	2.65	55.85	32.24	0.64
t.stura valle	24	Max WS	TR200_3_5h	250.25	267.94	272.06		272.62	0.003720	3.87	94.86	61.17	0.66
t.stura valle	24	Max WS	TR30_3_5h	160.11	267.94	271.41		271.91	0.003905	3.46	60.61	39.87	0.65
t.stura valle	24	Max WS	TR100_3_5h	216.18	267.94	271.83		272.40	0.003968	3.82	81.27	57.56	0.67
t.stura valle	24	Max WS	TR500_3_5h	302.73	267.94	272.28	272.08	272.95	0.004201	4.29	110.52	80.68	0.71
t.stura valle	24	Max WS	TR20_3_5h	147.37	267.94	271.31		271.77	0.003737	3.31	56.83	35.78	0.63
t.stura valle	23.7			Lat Struct									
t.stura valle	23	Max WS	TR200_3_5h	252.36	267.53	271.27	271.21	272.22	0.007670	4.34	61.15	41.09	0.88
t.stura valle	23	Max WS	TR30_3_5h	160.11	267.53	270.74		271.37	0.006606	3.54	45.23	22.15	0.79
t.stura valle	23	Max WS	TR100_3_5h	216.18	267.53	271.08	270.85	271.92	0.007471	4.08	53.94	32.62	0.86
t.stura valle	23	Max WS	TR500_3_5h	307.91	267.53	271.54	271.73	272.61	0.007667	4.65	73.99	52.96	0.89
t.stura valle	23	Max WS	TR20_3_5h	147.36	267.53	270.65		271.24	0.006321	3.40	43.30	21.79	0.77
t.stura valle	22.4	Max WS	TR200_3_5h	253.32	267.43	270.75		271.25	0.004001	3.26	84.29	38.80	0.66
t.stura valle	22.4	Max WS	TR30_3_5h	160.10	267.43	270.18		270.54	0.004078	2.76	62.41	37.52	0.64
t.stura valle	22.4	Max WS	TR100_3_5h	216.17	267.43	270.54		270.98	0.004009	3.07	76.08	38.32	0.65
t.stura valle	22.4	Max WS	TR500_3_5h	310.24	267.43	271.05		271.62	0.003991	3.51	96.10	39.46	0.67
t.stura valle	22.4	Max WS	TR20_3_5h	147.35	267.43	270.09		270.43	0.004110	2.69	59.02	37.31	0.64
t.stura valle	22.3	Max WS	TR200_3_5h	253.32	267.89	270.77	270.00	271.15	0.002845	2.75	96.15	45.43	0.55
t.stura valle	22.3	Max WS	TR30_3_5h	160.10	267.89	270.15	269.51	270.43	0.003057	2.35	69.04	42.16	0.55
t.stura valle	22.3	Max WS	TR100_3_5h	216.17	267.89	270.54	269.80	270.88	0.002908	2.60	85.81	44.21	0.55
t.stura valle	22.3	Max WS	TR500_3_5h	310.25	267.89	271.10	270.28	271.53	0.002760	2.94	111.29	46.31	0.56
t.stura valle	22.3	Max WS	TR20_3_5h	147.35	267.89	270.06	269.44	270.32	0.003094	2.29	64.97	41.74	0.55
t.stura valle	22.2			Inl Struct									
t.stura valle	22.1	Max WS	TR200_3_5h	253.32	266.05	270.31		270.65	0.002170	2.64	101.50	40.09	0.49
t.stura valle	22.1	Max WS	TR30_3_5h	160.10	266.05	269.76		269.97	0.001806	2.09	79.92	37.99	0.43
t.stura valle	22.1	Max WS	TR100_3_5h	216.17	266.05	270.11		270.40	0.002033	2.43	93.38	38.97	0.47
t.stura valle	22.1	Max WS	TR500_3_5h	310.25	266.05	270.60		271.01	0.002357	2.93	113.08	41.64	0.52
t.stura valle	22.1	Max WS	TR20_3_5h	147.35	266.05	269.67		269.87	0.001748	2.01	76.57	37.76	0.42
t.stura valle	22	Max WS	TR200_3_5h	253.32	267.27	270.14		270.62	0.004291	3.09	83.76	39.71	0.65
t.stura valle	22	Max WS	TR30_3_5h	160.10	267.27	269.61		269.94	0.004135	2.57	63.14	37.96	0.62
t.stura valle	22	Max WS	TR100_3_5h	216.17	267.27	269.94		270.37	0.004225	2.89	75.98	39.06	0.64
t.stura valle	22	Max WS	TR500_3_5h	310.25	267.27	270.41		270.98	0.004424	3.36	94.63	40.61	0.67
t.stura valle	22	Max WS	TR20_3_5h	147.35	267.27	269.53		269.84	0.004122	2.48	59.95	37.68	0.61
t.stura valle	21	Max WS	TR200_3_5h	253.32	265.95	269.18		269.83	0.006072	3.56	71.24	34.21	0.79
t.stura valle	21	Max WS	TR30_3_5h	160.10	265.95	268.69		269.12	0.005231	2.92	54.84	31.81	0.71
t.stura valle	21	Max WS	TR100_3_5h	216.15	265.95	269.00		269.56	0.005739	3.32	65.16	33.34	0.76
t.stura valle	21	Max WS	TR500_3_5h	310.24	265.95	269.43		270.20	0.006515	3.89	79.70	35.11	0.82
t.stura valle	21	Max WS	TR20_3_5h	147.35	265.95	268.60		269.01	0.005112	2.82	52.26	31.42	0.70
t.stura valle	20	Max WS	TR200_3_5h	253.17	265.59	268.15		268.75	0.006608	3.52	75.61	45.28	0.82
t.stura valle	20	Max WS	TR30_3_5h	160.09	265.59	267.69		268.13	0.006878	2.98	55.61	42.85	0.80
t.stura valle	20	Max WS	TR100_3_5h	216.15	265.59	267.98		268.52	0.006581	3.30	68.37	44.41	0.81
t.stura valle	20	Max WS	TR500_3_5h	309.75	265.59	268.34		269.07	0.006976	3.86	84.69	46.34	0.86
t.stura valle	20	Max WS	TR20_3_5h	147.34	265.59	267.62		268.04	0.007035	2.91	52.38	42.44	0.80
t.stura valle	19.59			Lat Struct									
t.stura valle	19.4	Max WS	TR200_3_5h	234.72	264.11	267.44		267.91	0.004616	3.66	86.12	47.98	0.68
t.stura valle	19.4	Max WS	TR30_3_5h	157.87	264.11	266.98		267.38	0.004813	3.33	64.26	46.99	0.67
t.stura valle	19.4	Max WS	TR100_3_5h	205.23	264.11	267.29		267.72	0.004565	3.51	78.80	47.65	0.67
t.stura valle	19.4	Max WS	TR500_3_5h	278.29	264.11	267.63		268.18	0.005221	4.05	95.77	53.61	0.73
t.stura valle	19.4	Max WS	TR20_3_5h	146.32	264.11	266.89		267.29	0.004973	3.31	60.09	46.80	0.68
t.stura valle	19.39			Lat Struct									
t.stura valle	19.3	Max WS	TR200_3_5h	220.51	264.47	267.65	266.48	267.87	0.001704	2.07	106.47	42.84	0.42
t.stura valle	19.3	Max WS	TR30_3_5h	154.87	264.47	267.14	266.12	267.31	0.001756	1.83	84.59	42.84	0.42
t.stura valle	19.3	Max WS	TR100_3_5h	195.73	264.47	267.47	266.35	267.67	0.001704	1.98	98.81	42.84	0.42
t.stura valle	19.3	Max WS	TR500_3_5h	256.58	264.47	267.90	266.65	268.14	0.001714	2.19	116.89	42.84	0.42
t.stura valle	19.3	Max WS	TR20_3_5h	144.53	264.47	267.05	266.06	267.21	0.001779	1.79	80.71	42.84	0.42
t.stura valle	19.2			Inl Struct									
t.stura valle	19.1	Max WS	TR200_3_5h	220.56	263.14	266.79		266.99	0.001256	2.00	110.18	37.00	0.37

Reach	River Sta	Profile	Plan	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
t.stura valle	19.1	Max WS	TR30_3_5h	154.87	263.14	266.37		266.51	0.000999	1.63	94.76	36.40	0.32
t.stura valle	19.1	Max WS	TR100_3_5h	195.73	263.14	266.66		266.83	0.001146	1.86	105.23	36.99	0.35
t.stura valle	19.1	Max WS	TR500_3_5h	256.58	263.14	266.96		267.21	0.001419	2.20	116.56	37.01	0.39
t.stura valle	19.1	Max WS	TR20_3_5h	144.53	263.14	266.29		266.41	0.000961	1.57	91.81	36.32	0.32
t.stura valle	19.09			Lat Struct									
t.stura valle	19.05			Lat Struct									
t.stura valle	19	Max WS	TR200_3_5h	220.35	263.44	266.58		266.93	0.004188	3.39	86.40	43.07	0.64
t.stura valle	19	Max WS	TR30_3_5h	154.87	263.44	266.17		266.45	0.004239	3.08	68.94	43.02	0.62
t.stura valle	19	Max WS	TR100_3_5h	195.73	263.44	266.45		266.77	0.004048	3.24	81.06	43.06	0.62
t.stura valle	19	Max WS	TR500_3_5h	255.46	263.44	266.74		267.14	0.004389	3.60	93.44	43.09	0.66
t.stura valle	19	Max WS	TR20_3_5h	144.53	263.44	266.09		266.36	0.004361	3.06	65.41	43.01	0.63
t.stura valle	18	Max WS	TR200_3_5h	218.20	263.02	266.21		266.56	0.002494	2.65	85.06	35.81	0.53
t.stura valle	18	Max WS	TR30_3_5h	154.86	263.02	265.86		266.10	0.002068	2.18	72.61	34.36	0.47
t.stura valle	18	Max WS	TR100_3_5h	194.98	263.02	266.13		266.43	0.002216	2.45	82.24	35.81	0.50
t.stura valle	18	Max WS	TR500_3_5h	251.58	263.02	266.29		266.72	0.003007	2.96	87.72	35.81	0.58
t.stura valle	18	Max WS	TR20_3_5h	144.52	263.02	265.77		266.00	0.002070	2.13	69.55	34.34	0.47
t.stura valle	17.4	Max WS	TR200_3_5h	208.31	262.79	265.79		266.36	0.005700	3.50	63.78	31.00	0.77
t.stura valle	17.4	Max WS	TR30_3_5h	154.86	262.79	265.37		265.86	0.006248	3.25	50.82	29.70	0.78
t.stura valle	17.4	Max WS	TR100_3_5h	191.44	262.79	265.68		266.21	0.005680	3.39	60.21	30.35	0.76
t.stura valle	17.4	Max WS	TR500_3_5h	231.68	262.79	265.91		266.54	0.005928	3.67	67.53	31.24	0.79
t.stura valle	17.4	Max WS	TR20_3_5h	144.51	262.79	265.27		265.75	0.006451	3.21	48.08	29.51	0.79
t.stura valle	17.3	Max WS	TR200_3_5h	207.15	262.86	265.97	265.01	266.31	0.002273	2.61	79.43	29.91	0.51
t.stura valle	17.3	Max WS	TR30_3_5h	154.86	262.86	265.52	264.71	265.80	0.002338	2.34	66.13	29.91	0.50
t.stura valle	17.3	Max WS	TR100_3_5h	191.29	262.86	265.84	264.92	266.16	0.002291	2.54	75.54	29.91	0.51
t.stura valle	17.3	Max WS	TR500_3_5h	227.23	262.86	266.13	265.11	266.50	0.002249	2.70	84.24	29.91	0.51
t.stura valle	17.3	Max WS	TR20_3_5h	144.52	262.86	265.43	264.65	265.69	0.002352	2.28	63.32	29.90	0.50
t.stura valle	17.2			Inl Struct									
t.stura valle	17.1	Max WS	TR200_3_5h	207.10	260.08	265.16		265.36	0.000886	2.03	106.67	29.78	0.33
t.stura valle	17.1	Max WS	TR30_3_5h	154.85	260.08	264.46		264.64	0.000968	1.87	85.96	29.73	0.33
t.stura valle	17.1	Max WS	TR100_3_5h	191.27	260.08	264.89		265.09	0.000963	2.02	98.69	29.76	0.34
t.stura valle	17.1	Max WS	TR500_3_5h	227.15	260.08	265.72		265.90	0.000676	1.94	123.35	29.87	0.29
t.stura valle	17.1	Max WS	TR20_3_5h	144.52	260.08	264.35		264.52	0.000947	1.80	82.76	29.73	0.32
t.stura valle	17.09			Lat Struct									
t.stura valle	17.05			Lat Struct									
t.stura valle	17	Max WS	TR200_3_5h	208.67	261.18	265.12		265.35	0.001055	2.14	102.11	30.07	0.35
t.stura valle	17	Max WS	TR30_3_5h	154.85	261.18	264.43		264.62	0.001181	1.98	81.30	29.97	0.36
t.stura valle	17	Max WS	TR100_3_5h	191.89	261.18	264.85		265.08	0.001153	2.13	94.07	30.03	0.36
t.stura valle	17	Max WS	TR500_3_5h	230.35	261.18	265.68		265.89	0.000793	2.04	119.08	30.16	0.31
t.stura valle	17	Max WS	TR20_3_5h	144.51	261.18	264.32		264.50	0.001165	1.92	78.09	29.95	0.36
t.stura valle	16.4	Max WS	TR200_3_5h	215.00	260.91	264.97		265.27	0.001735	2.56	92.59	32.16	0.46
t.stura valle	16.4	Max WS	TR30_3_5h	154.85	260.91	264.28		264.55	0.002141	2.42	70.35	32.11	0.49
t.stura valle	16.4	Max WS	TR100_3_5h	194.42	260.91	264.71		265.00	0.001926	2.55	84.06	32.14	0.47
t.stura valle	16.4	Max WS	TR500_3_5h	246.40	260.91	265.54		265.81	0.001289	2.46	110.84	32.19	0.40
t.stura valle	16.4	Max WS	TR20_3_5h	144.51	260.91	264.17		264.43	0.002190	2.38	66.83	32.10	0.49
t.stura valle	16.3	Max WS	TR200_3_5h	215.21	260.99	264.92	263.79	265.27	0.002145	3.11	88.34	30.28	0.51
t.stura valle	16.3	Max WS	TR30_3_5h	154.85	260.99	264.24	263.42	264.55	0.002414	2.89	68.05	29.27	0.52
t.stura valle	16.3	Max WS	TR100_3_5h	194.47	260.99	264.66	263.67	265.01	0.002316	3.08	80.42	29.89	0.52
t.stura valle	16.3	Max WS	TR500_3_5h	247.43	260.99	265.49	263.98	265.81	0.001655	3.00	105.82	30.87	0.46
t.stura valle	16.3	Max WS	TR20_3_5h	144.51	260.99	264.13	263.36	264.43	0.002415	2.83	64.95	29.11	0.52
t.stura valle	16.2			Bridge									
t.stura valle	16.1	Max WS	TR200_3_5h	215.20	260.99	264.77		265.16	0.002517	3.28	83.71	30.06	0.55
t.stura valle	16.1	Max WS	TR30_3_5h	153.31	260.99	264.01		264.39	0.003218	3.17	61.37	28.93	0.59
t.stura valle	16.1	Max WS	TR100_3_5h	194.45	260.99	264.47		264.87	0.002874	3.31	74.78	29.61	0.58
t.stura valle	16.1	Max WS	TR500_3_5h	247.41	260.99	265.33		265.68	0.001921	3.15	100.71	30.79	0.49
t.stura valle	16.1	Max WS	TR20_3_5h	144.51	260.99	263.90		264.27	0.003371	3.16	58.07	28.76	0.60
t.stura valle	16.09			Lat Struct									
t.stura valle	16.08			Lat Struct									
t.stura valle	16	Max WS	TR200_3_5h	217.24	260.45	264.65		265.07	0.002627	3.37	82.56	28.41	0.55
t.stura valle	16	Max WS	TR30_3_5h	153.10	260.45	263.88		264.28	0.003277	3.23	60.70	28.30	0.59
t.stura valle	16	Max WS	TR100_3_5h	195.25	260.45	264.35		264.77	0.002959	3.38	73.92	28.37	0.58
t.stura valle	16	Max WS	TR500_3_5h	251.90	260.45	265.22		265.61	0.002068	3.28	98.62	28.45	0.50
t.stura valle	16	Max WS	TR20_3_5h	144.50	260.45	263.76		264.16	0.003492	3.25	57.14	28.29	0.61
t.stura valle	15.4	Max WS	TR200_3_5h	234.13	260.29	264.27		264.90	0.003792	4.04	72.88	25.59	0.68
t.stura valle	15.4	Max WS	TR30_3_5h	154.84	260.29	263.72		264.15	0.003142	3.30	58.84	25.52	0.60
t.stura valle	15.4	Max WS	TR100_3_5h	204.90	260.29	264.04		264.62	0.003728	3.84	67.04	25.56	0.66
t.stura valle	15.4	Max WS	TR500_3_5h	278.91	260.29	264.81		265.44	0.003186	4.06	86.80	25.64	0.63
t.stura valle	15.4	Max WS	TR20_3_5h	144.50	260.29	263.61		264.02	0.003171	3.23	55.98	25.51	0.60

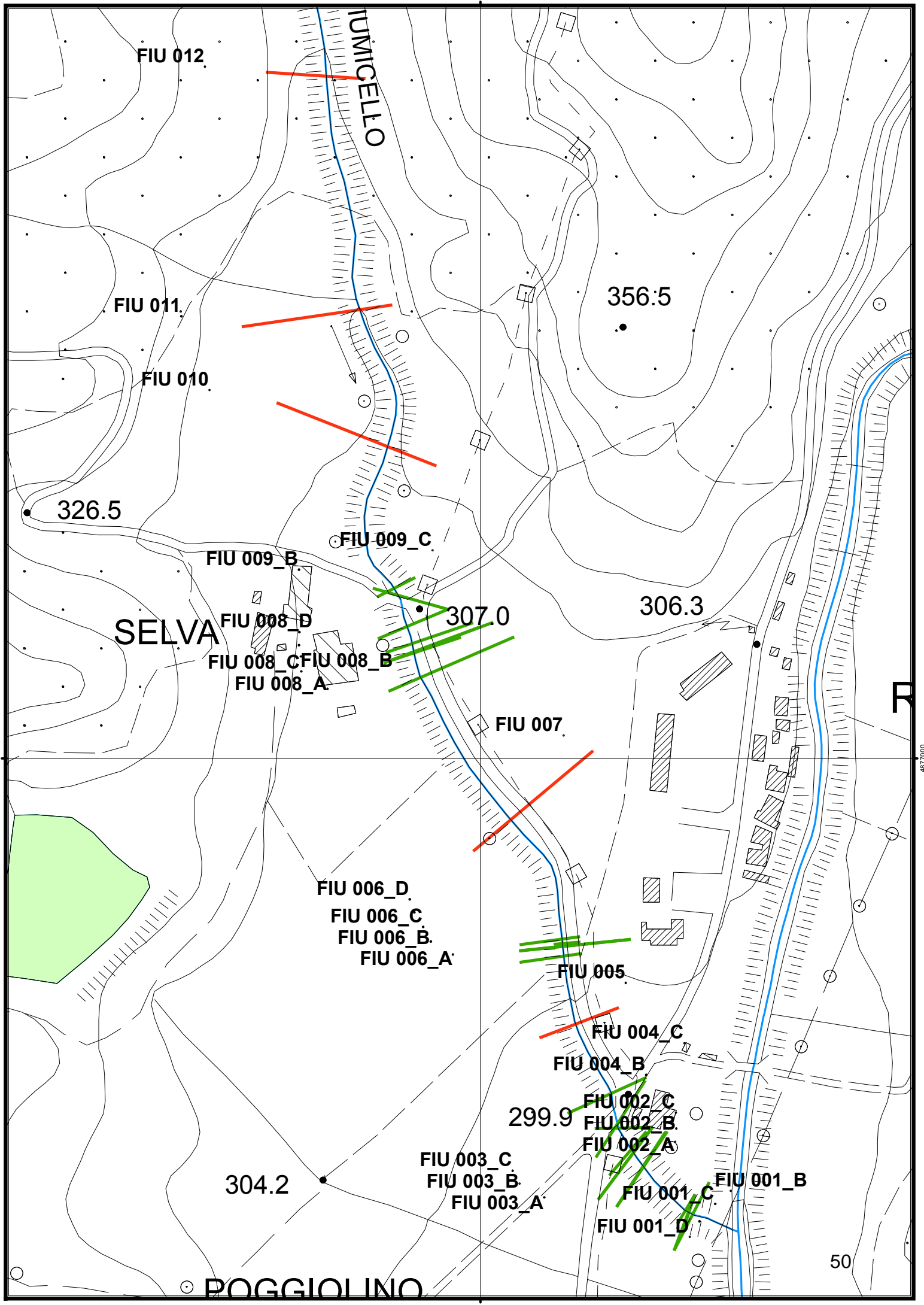




Reach	River Sta	Profile	Plan	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
t.stura valle	11.08			Lat Struct									
t.stura valle	11	Max WS	TR200_3_5h	219.83	258.01	261.84		262.58	0.004045	3.80	58.06	18.77	0.68
t.stura valle	11	Max WS	TR30_3_5h	154.00	258.01	261.42		261.90	0.003191	3.07	50.28	18.30	0.59
t.stura valle	11	Max WS	TR100_3_5h	187.61	258.01	261.69		262.28	0.003471	3.41	55.23	18.31	0.62
t.stura valle	11	Max WS	TR500_3_5h	249.02	258.01	261.97		262.84	0.004541	4.14	60.51	18.77	0.73
t.stura valle	11	Max WS	TR20_3_5h	144.48	258.01	261.34		261.79	0.003089	2.97	48.86	18.29	0.58
t.stura valle	10	Max WS	TR200_3_5h	212.99	258.45	261.59		262.46	0.007743	4.16	51.60	22.26	0.86
t.stura valle	10	Max WS	TR30_3_5h	154.28	258.45	261.02		261.81	0.009705	3.95	39.14	21.59	0.93
t.stura valle	10	Max WS	TR100_3_5h	191.30	258.45	261.33		262.22	0.009011	4.19	45.87	21.79	0.91
t.stura valle	10	Max WS	TR500_3_5h	235.49	258.45	261.93		262.75	0.006179	4.02	59.19	22.26	0.77
t.stura valle	10	Max WS	TR20_3_5h	144.48	258.45	260.94		261.70	0.009744	3.86	37.51	21.54	0.93
t.stura valle	9.8	Max WS	TR200_3_5h	220.55	258.40	261.53		262.48	0.008306	4.31	51.59	22.26	0.89
t.stura valle	9.8	Max WS	TR30_3_5h	154.90	258.40	260.94	260.89	261.76	0.010331	4.03	38.47	21.57	0.96
t.stura valle	9.8	Max WS	TR100_3_5h	185.95	258.40	261.25		262.12	0.008805	4.11	45.39	21.78	0.90
t.stura valle	9.8	Max WS	TR500_3_5h	248.17	258.40	261.85		262.78	0.007061	4.27	58.65	22.26	0.83
t.stura valle	9.8	Max WS	TR20_3_5h	144.48	258.40	260.86	260.80	261.65	0.010234	3.92	36.94	21.52	0.95
t.stura valle	9.6	Max WS	TR200_3_5h	227.56	258.40	261.56		262.13	0.005348	3.61	77.68	53.54	0.74
t.stura valle	9.6	Max WS	TR30_3_5h	154.91	258.40	261.01	261.00	261.61	0.007362	3.56	50.23	44.76	0.83
t.stura valle	9.6	Max WS	TR100_3_5h	199.28	258.40	261.31	261.28	261.93	0.006531	3.71	64.61	49.51	0.80
t.stura valle	9.6	Max WS	TR500_3_5h	267.43	258.40	261.90		262.42	0.004274	3.52	97.18	61.50	0.67
t.stura valle	9.6	Max WS	TR20_3_5h	144.48	258.40	260.94	260.94	261.52	0.007501	3.50	47.10	44.18	0.83
t.stura valle	9	Max WS	TR200_3_5h	234.44	258.27	261.62		261.96	0.003342	2.76	96.10	51.81	0.59
t.stura valle	9	Max WS	TR30_3_5h	155.82	258.27	261.07		261.38	0.004251	2.62	67.78	50.79	0.64
t.stura valle	9	Max WS	TR100_3_5h	203.36	258.27	261.42		261.74	0.003600	2.70	85.44	51.47	0.60
t.stura valle	9	Max WS	TR500_3_5h	274.50	258.27	261.90		262.24	0.002990	2.81	110.45	52.23	0.56
t.stura valle	9	Max WS	TR20_3_5h	144.47	258.27	260.98		261.29	0.004421	2.60	63.37	50.32	0.65
t.stura valle	8.6			Lat Struct									
t.stura valle	8.4	Max WS	TR200_3_5h	236.71	257.93	261.40		261.67	0.002040	2.31	107.63	56.98	0.47
t.stura valle	8.4	Max WS	TR30_3_5h	155.81	257.93	260.86		261.06	0.001952	1.95	81.98	45.32	0.45
t.stura valle	8.4	Max WS	TR100_3_5h	204.37	257.93	261.21		261.44	0.001953	2.16	97.89	46.63	0.46
t.stura valle	8.4	Max WS	TR500_3_5h	280.20	257.93	261.64		261.94	0.002095	2.48	122.20	65.51	0.48
t.stura valle	8.4	Max WS	TR20_3_5h	144.47	257.93	260.78		260.96	0.001958	1.90	77.96	44.99	0.44
t.stura valle	8.3	Max WS	TR200_3_5h	236.63	257.49	261.29	260.61	261.63	0.003154	2.59	92.76	47.27	0.57
t.stura valle	8.3	Max WS	TR30_3_5h	155.81	257.49	260.75	260.08	261.02	0.003499	2.29	68.36	43.10	0.57
t.stura valle	8.3	Max WS	TR100_3_5h	204.35	257.49	261.10	260.45	261.41	0.003220	2.47	83.60	45.50	0.56
t.stura valle	8.3	Max WS	TR500_3_5h	280.15	257.49	261.52	260.79	261.91	0.003163	2.75	104.02	54.71	0.58
t.stura valle	8.3	Max WS	TR20_3_5h	144.47	257.49	260.66	260.00	260.92	0.003613	2.25	64.51	42.63	0.58
t.stura valle	8.2			Inl Struct									
t.stura valle	8.1	Max WS	TR200_3_5h	236.63	253.07	258.81		259.03	0.000831	2.13	119.77	31.08	0.32
t.stura valle	8.1	Max WS	TR30_3_5h	155.78	253.07	258.08		258.22	0.000677	1.71	97.14	30.69	0.28
t.stura valle	8.1	Max WS	TR100_3_5h	204.40	253.07	258.55		258.74	0.000766	1.97	111.67	30.94	0.30
t.stura valle	8.1	Max WS	TR500_3_5h	280.14	253.07	259.14		259.41	0.000904	2.33	130.21	31.25	0.34
t.stura valle	8.1	Max WS	TR20_3_5h	144.46	253.07	257.95		258.08	0.000658	1.65	93.22	30.62	0.28
t.stura valle	8.095			Lat Struct									
t.stura valle	8.09			Lat Struct									
t.stura valle	8	Max WS	TR200_3_5h	236.04	254.54	258.53		258.95	0.002126	2.85	84.24	27.74	0.50
t.stura valle	8	Max WS	TR30_3_5h	155.78	254.54	257.85		258.14	0.002025	2.39	65.76	26.43	0.47
t.stura valle	8	Max WS	TR100_3_5h	204.39	254.54	258.29		258.65	0.002063	2.67	77.59	27.28	0.49
t.stura valle	8	Max WS	TR500_3_5h	280.02	254.54	258.85		259.32	0.002190	3.08	94.68	41.05	0.52
t.stura valle	8	Max WS	TR20_3_5h	144.46	254.54	257.73		258.00	0.002045	2.32	62.55	26.19	0.47
t.stura valle	7.75			Lat Struct									
t.stura valle	7.4	Max WS	TR200_3_5h	235.73	254.14	257.77		258.71	0.007111	4.29	54.98	21.01	0.85
t.stura valle	7.4	Max WS	TR30_3_5h	155.77	254.14	257.29		257.90	0.005386	3.44	45.26	19.69	0.72
t.stura valle	7.4	Max WS	TR100_3_5h	204.39	254.14	257.61		258.41	0.006383	3.96	51.57	20.48	0.80
t.stura valle	7.4	Max WS	TR500_3_5h	280.00	254.14	258.01		259.12	0.007849	4.66	60.14	21.82	0.90
t.stura valle	7.4	Max WS	TR20_3_5h	144.46	254.14	257.19		257.76	0.005292	3.34	43.21	19.43	0.72
t.stura valle	7.3	Max WS	TR200_3_5h	235.79	253.82	258.03	257.21	258.61	0.003723	3.37	69.89	28.22	0.64
t.stura valle	7.3	Max WS	TR30_3_5h	155.83	253.82	257.48	256.64	257.87	0.003092	2.75	56.63	25.69	0.56
t.stura valle	7.3	Max WS	TR100_3_5h	204.46	253.82	257.85	257.00	258.35	0.003448	3.12	65.52	27.61	0.61
t.stura valle	7.3	Max WS	TR500_3_5h	280.07	253.82	258.25	257.51	258.96	0.004126	3.73	75.14	28.81	0.68
t.stura valle	7.3	Max WS	TR20_3_5h	144.52	253.82	257.36	256.54	257.73	0.003081	2.68	53.91	25.09	0.56
t.stura valle	7.2			Bridge									
t.stura valle	7.1	Max WS	TR200_3_5h	235.79	253.82	257.95		258.57	0.004102	3.47	67.88	28.00	0.66
t.stura valle	7.1	Max WS	TR30_3_5h	155.82	253.82	257.43		257.83	0.003280	2.81	55.52	25.45	0.58
t.stura valle	7.1	Max WS	TR100_3_5h	204.45	253.82	257.79		258.31	0.003698	3.20	63.98	27.29	0.63
t.stura valle	7.1	Max WS	TR500_3_5h	280.06	253.82	258.12		258.89	0.004741	3.89	72.07	28.44	0.72
t.stura valle	7.1	Max WS	TR20_3_5h	144.52	253.82	257.32		257.70	0.003269	2.73	52.86	24.85	0.57

Reach	River Sta	Profile	Plan	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
t.stura valle	7.09			Lat Struct									
t.stura valle	7	Max WS	TR200_3_5h	235.46	253.50	257.87		258.59	0.004548	3.99	69.61	29.55	0.63
t.stura valle	7	Max WS	TR30_3_5h	155.83	253.50	257.39		257.84	0.003285	3.12	56.58	24.69	0.53
t.stura valle	7	Max WS	TR100_3_5h	204.45	253.50	257.72		258.33	0.003986	3.65	65.35	27.85	0.59
t.stura valle	7	Max WS	TR500_3_5h	280.05	253.50	258.05		258.93	0.005365	4.46	74.82	30.68	0.69
t.stura valle	7	Max WS	TR20_3_5h	144.52	253.50	257.28		257.70	0.003171	3.00	53.97	23.67	0.52
t.stura valle	6.9			Lat Struct									
t.stura valle	6.1	Max WS	TR200_3_5h	227.23	253.93	258.08	257.03	258.56	0.002964	-3.08	78.28	28.50	0.59
t.stura valle	6.1	Max WS	TR30_3_5h	155.75	253.93	257.43	256.46	257.77	0.002881	2.58	60.44	26.29	0.54
t.stura valle	6.1	Max WS	TR100_3_5h	200.80	253.93	257.85	256.83	258.25	0.002949	2.80	71.79	27.72	0.55
t.stura valle	6.1	Max WS	TR500_3_5h	264.53	253.93	258.37	257.29	258.90	0.002953	-3.22	86.71	28.97	0.59
t.stura valle	6.1	Max WS	TR20_3_5h	144.52	253.93	257.31	256.35	257.63	0.002885	2.52	57.28	25.84	0.54
t.stura valle	6.05			Inl Struct									
t.stura valle	6	Max WS	TR200_3_5h	227.61	253.78	257.58		258.53	0.006830	4.56	57.90	26.50	0.78
t.stura valle	6	Max WS	TR30_3_5h	155.74	253.78	257.04		257.72	0.005968	3.81	45.01	21.43	0.71
t.stura valle	6	Max WS	TR100_3_5h	200.80	253.78	257.37		258.24	0.006741	4.34	52.57	24.53	0.77
t.stura valle	6	Max WS	TR500_3_5h	264.52	253.78	257.85	257.62	258.88	0.006900	4.81	65.23	29.23	0.80
t.stura valle	6	Max WS	TR20_3_5h	144.52	253.78	256.95		257.58	0.005817	3.68	42.97	19.86	0.70
t.stura valle	5.99			Lat Struct									
t.stura valle	5.95			Lat Struct									
t.stura valle	5.4	Max WS	TR200_3_5h	228.41	253.09	257.50		257.94	0.002546	2.95	81.70	35.20	0.53
t.stura valle	5.4	Max WS	TR30_3_5h	155.73	253.09	256.94		257.26	0.002408	2.50	62.82	29.76	0.50
t.stura valle	5.4	Max WS	TR100_3_5h	200.79	253.09	257.29		257.69	0.002543	2.81	74.27	33.76	0.53
t.stura valle	5.4	Max WS	TR500_3_5h	269.65	253.09	257.73		258.24	0.002745	3.21	89.91	36.72	0.56
t.stura valle	5.4	Max WS	TR20_3_5h	144.52	253.09	256.83		257.13	0.002366	2.42	59.93	27.20	0.49
t.stura valle	5.35			Lat Struct									
t.stura valle	5.3	Max WS	TR200_3_5h	229.33	253.02	257.42	256.57	257.82	0.003867	2.81	81.52	38.09	0.61
t.stura valle	5.3	Max WS	TR30_3_5h	155.73	253.02	256.81	256.03	257.15	0.003595	2.59	60.17	30.10	0.58
t.stura valle	5.3	Max WS	TR100_3_5h	200.50	253.02	257.19	256.37	257.57	0.004189	2.75	72.87	37.60	0.63
t.stura valle	5.3	Max WS	TR500_3_5h	267.52	253.02	257.69	256.82	258.12	0.003597	2.90	92.20	38.69	0.60
t.stura valle	5.3	Max WS	TR20_3_5h	144.51	253.02	256.70	255.94	257.03	0.003547	2.53	57.02	29.08	0.58
t.stura valle	5.2			Inl Struct									
t.stura valle	5.1	Max WS	TR200_3_5h	228.05	251.44	255.20		255.85	0.004474	3.57	63.81	21.76	0.67
t.stura valle	5.1	Max WS	TR30_3_5h	155.70	251.44	254.43		254.98	0.005074	3.29	47.38	20.76	0.69
t.stura valle	5.1	Max WS	TR100_3_5h	199.94	251.44	254.85		255.49	0.004986	3.55	56.31	21.31	0.70
t.stura valle	5.1	Max WS	TR500_3_5h	267.49	251.44	255.69		256.35	0.003860	3.58	74.77	23.01	0.63
t.stura valle	5.1	Max WS	TR20_3_5h	144.49	251.44	254.38		254.87	0.004650	3.11	46.41	20.70	0.66
t.stura valle	5.09			Lat Struct									
t.stura valle	5.08			Lat Struct									
t.stura valle	5	Max WS	TR200_3_5h	238.41	251.25	254.89	254.79	255.93	0.008777	4.51	52.87	22.61	0.94
t.stura valle	5	Max WS	TR30_3_5h	155.72	251.25	254.19	254.11	255.05	0.009455	4.11	37.89	19.84	0.95
t.stura valle	5	Max WS	TR100_3_5h	205.12	251.25	254.60	254.53	255.59	0.009283	4.41	46.48	21.47	0.96
t.stura valle	5	Max WS	TR500_3_5h	282.51	251.25	255.29		256.34	0.007878	4.54	62.20	24.17	0.90
t.stura valle	5	Max WS	TR20_3_5h	144.51	251.25	254.11		254.91	0.009110	3.97	36.40	19.55	0.93
t.stura valle	4.59			Lat Struct									
t.stura valle	4	Max WS	TR200_3_5h	253.41	250.32	254.91		255.33	0.002461	2.86	89.11	32.99	0.52
t.stura valle	4	Max WS	TR30_3_5h	155.64	250.32	254.33		254.56	0.001677	2.16	72.14	27.24	0.42
t.stura valle	4	Max WS	TR100_3_5h	212.35	250.32	254.64		254.99	0.002281	2.63	80.78	28.50	0.50
t.stura valle	4	Max WS	TR500_3_5h	309.62	250.32	255.26		255.75	0.002615	3.11	100.92	34.41	0.55
t.stura valle	4	Max WS	TR20_3_5h	144.50	250.32	254.28		254.49	0.001520	2.04	70.84	27.04	0.40
t.stura valle	3	Max WS	TR200_3_5h	249.72	250.37	254.31		255.06	0.005087	3.85	64.89	22.88	0.73
t.stura valle	3	Max WS	TR30_3_5h	155.25	250.37	254.07		254.42	0.002518	2.61	59.46	22.22	0.51
t.stura valle	3	Max WS	TR100_3_5h	212.23	250.37	254.17		254.77	0.004234	3.44	61.71	22.50	0.66
t.stura valle	3	Max WS	TR500_3_5h	309.63	250.37	254.52		255.52	0.006332	4.43	69.90	25.75	0.82
t.stura valle	3	Max WS	TR20_3_5h	144.43	250.37	254.06		254.36	0.002205	2.44	59.21	22.19	0.48
t.stura valle	2	Max WS	TR200_3_5h	253.16	250.34	254.22		254.66	0.002695	3.04	93.11	45.17	0.56
t.stura valle	2	Max WS	TR30_3_5h	155.43	250.34	254.08		254.27	0.001223	1.98	86.76	44.41	0.37
t.stura valle	2	Max WS	TR100_3_5h	212.12	250.34	254.15		254.48	0.002072	2.63	89.96	44.85	0.49
t.stura valle	2	Max WS	TR500_3_5h	309.71	250.34	254.33		254.93	0.003496	3.55	98.26	45.69	0.64
t.stura valle	2	Max WS	TR20_3_5h	144.47	250.34	254.07		254.23	0.001073	1.85	86.24	44.30	0.35
t.stura valle	1.99			Lat Struct									
t.stura valle	1	Max WS	TR200_3_5h	26.31	251.35	254.00	252.03	254.00	0.000044	0.27	96.64	58.99	0.07
t.stura valle	1	Max WS	TR30_3_5h	26.31	251.35	254.00	252.03	254.00	0.000044	0.27	96.64	58.99	0.07
t.stura valle	1	Max WS	TR100_3_5h	26.31	251.35	254.00	252.03	254.00	0.000044	0.27	96.64	58.99	0.07
t.stura valle	1	Max WS	TR500_3_5h	26.31	251.35	254.00	252.03	254.00	0.000044	0.27	96.64	58.99	0.07
t.stura valle	1	Max WS	TR20_3_5h	26.31	251.35	254.00	252.03	254.00	0.000044	0.27	96.64	58.99	0.07

# TORRENTE FIUMICELLO



FIU 012

FIU 011

FIU 010

326.5

FIU 009\_B

FIU 009\_C

SELVA

FIU 008\_D

FIU 008\_C

FIU 008\_B

FIU 008\_A

307.0

306.3

FIU 007

FIU 006\_D

FIU 006\_C

FIU 006\_B

FIU 006\_A

FIU 005

FIU 004\_C

FIU 004\_B

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299.9

FIU 003\_C

FIU 003\_B

FIU 003\_A

304.2

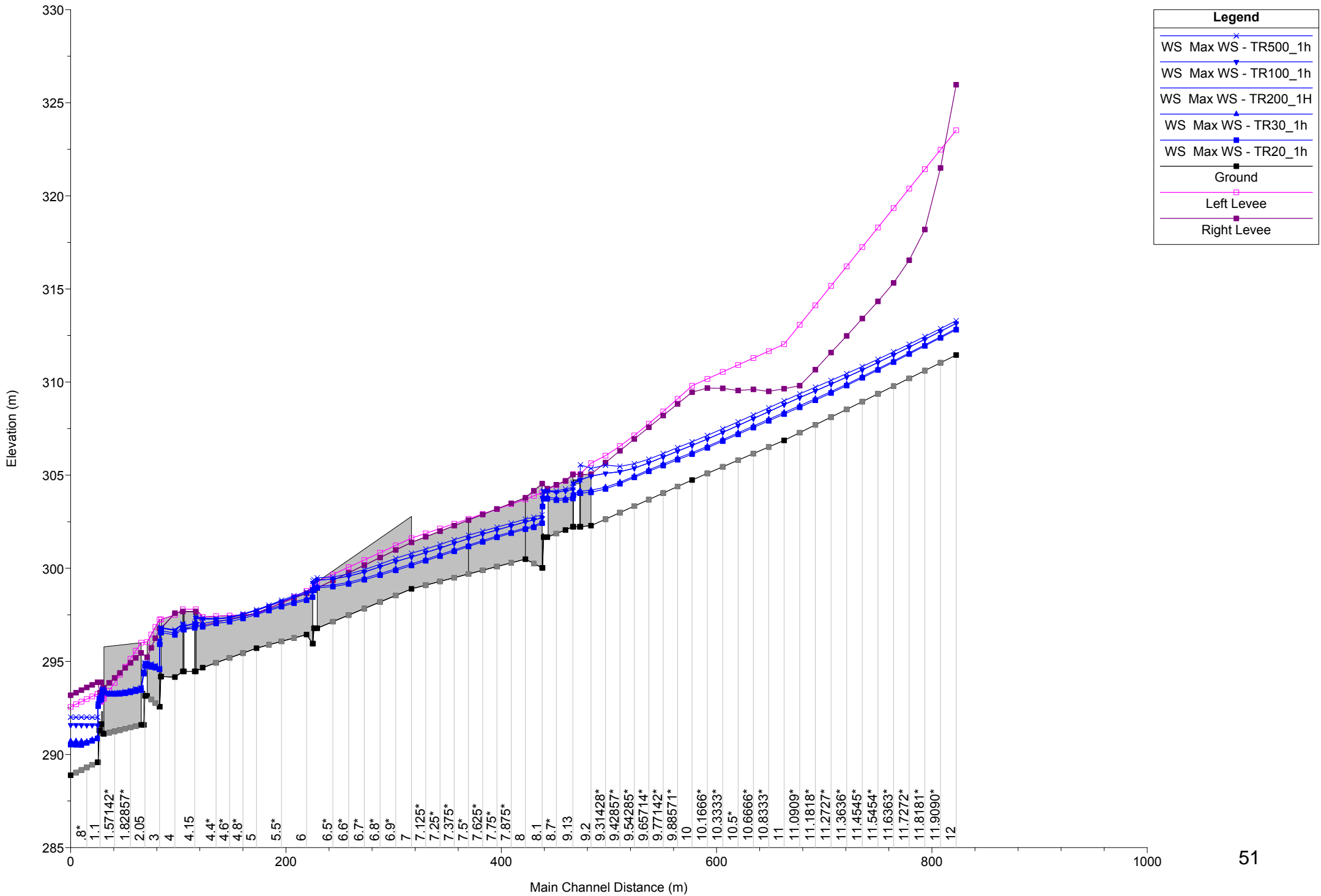
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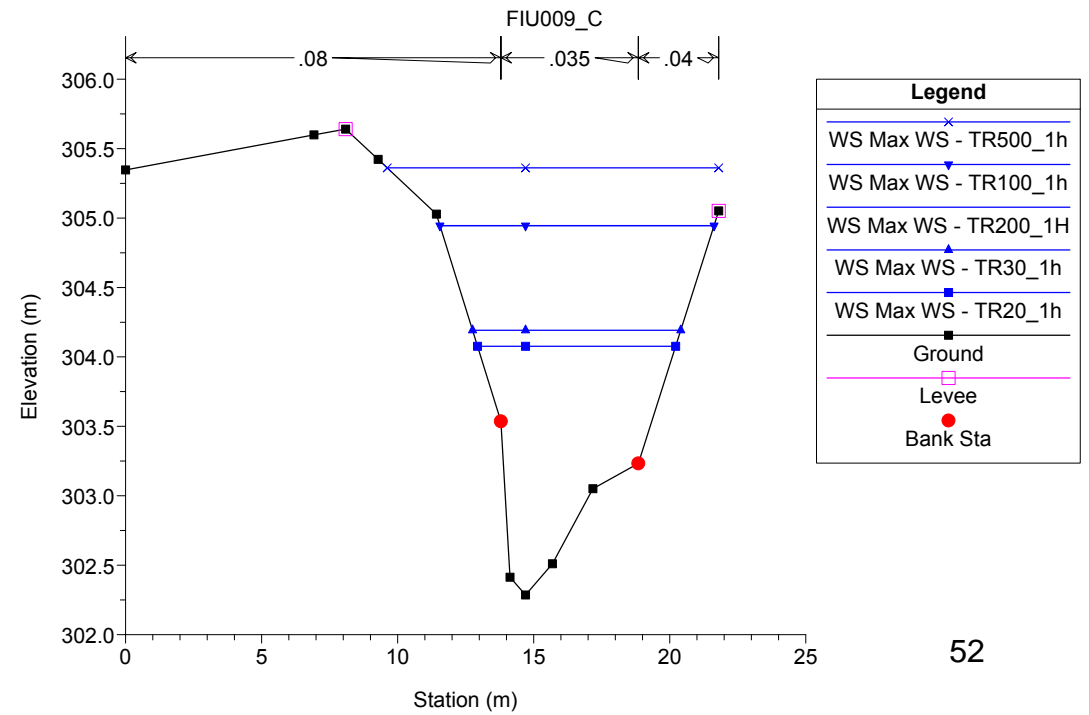
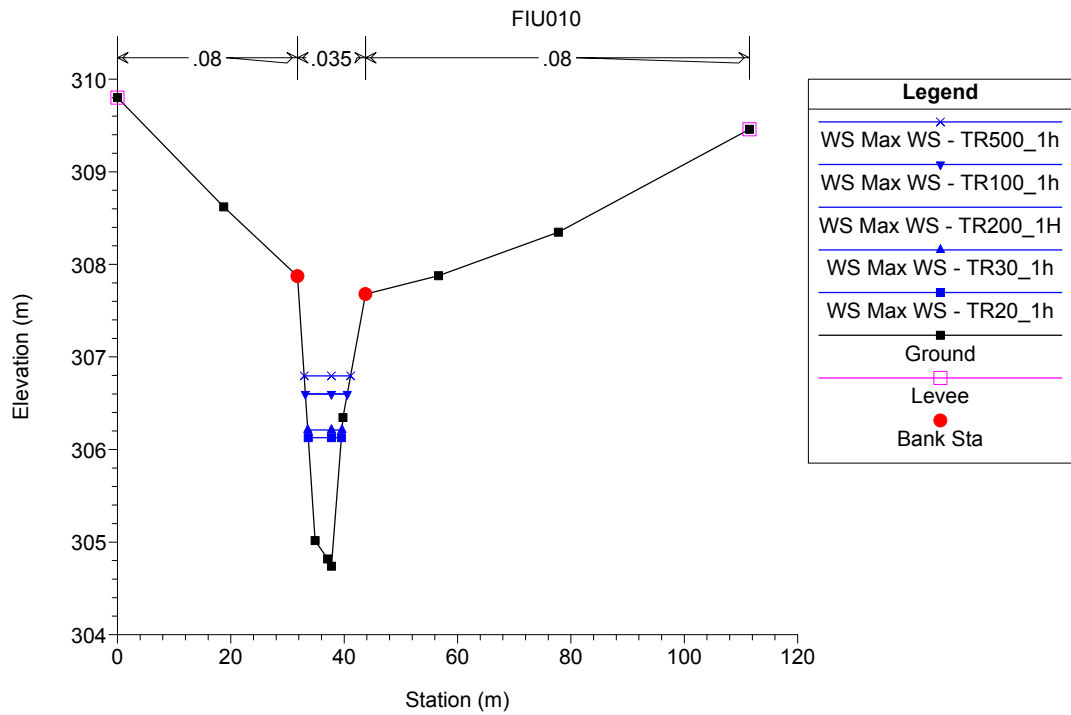
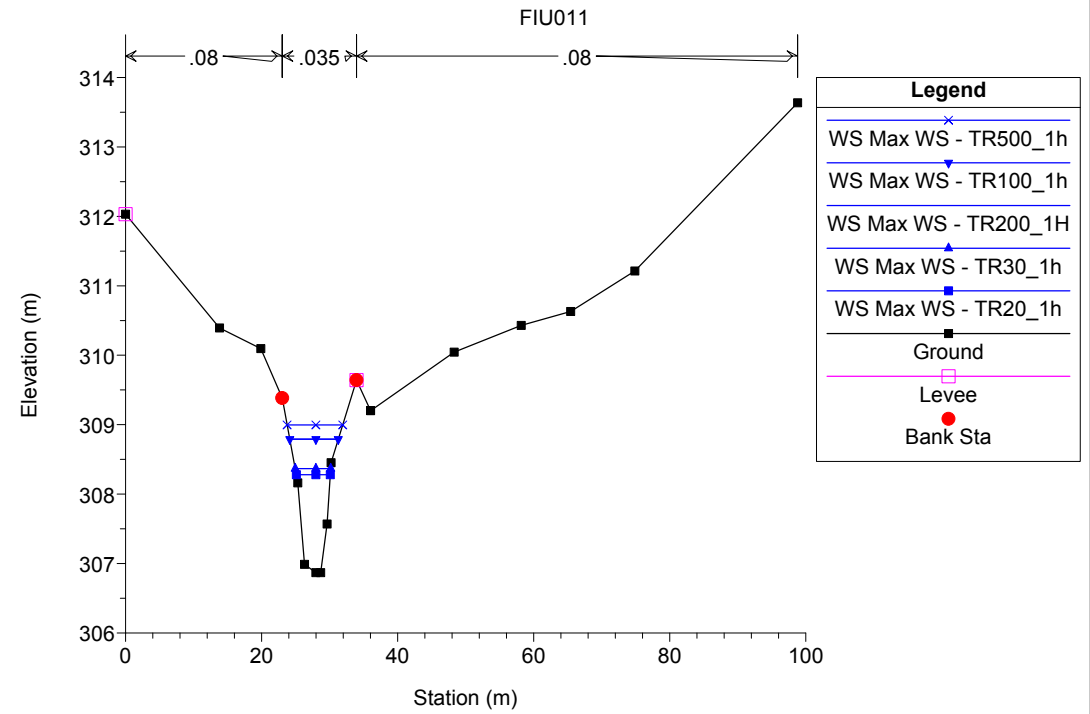
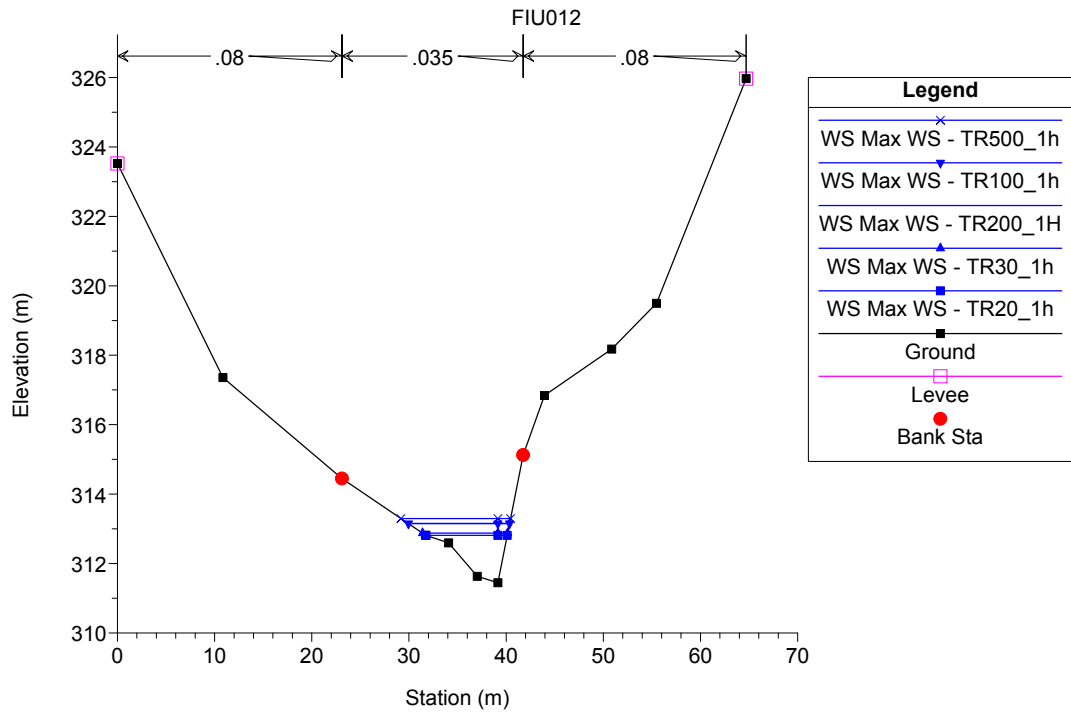
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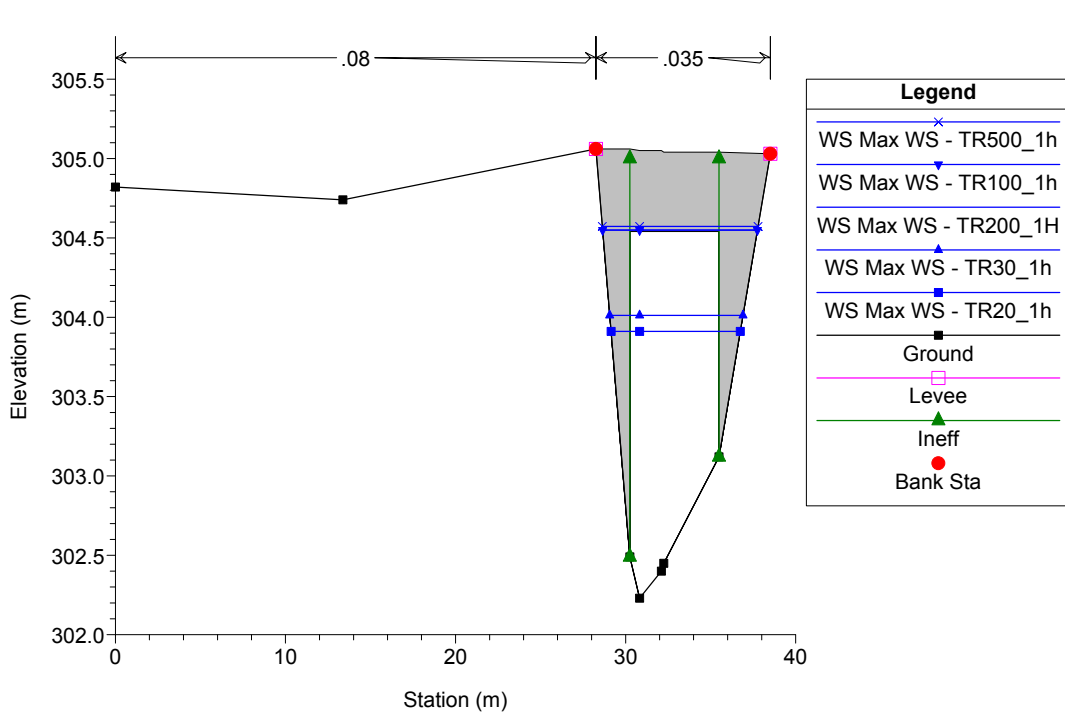
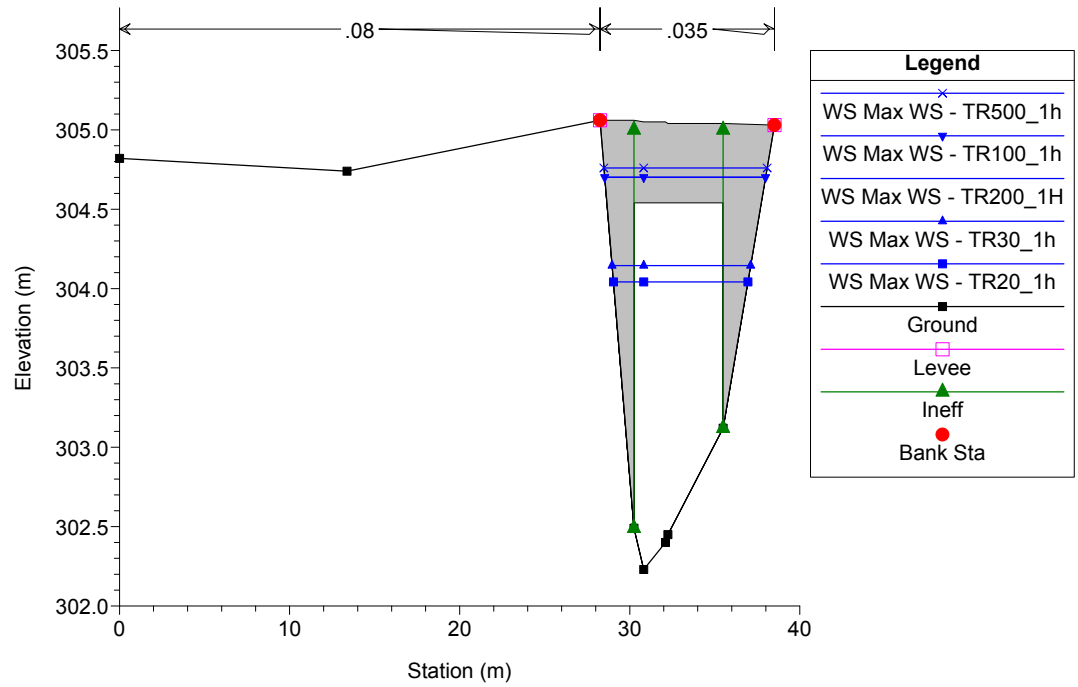
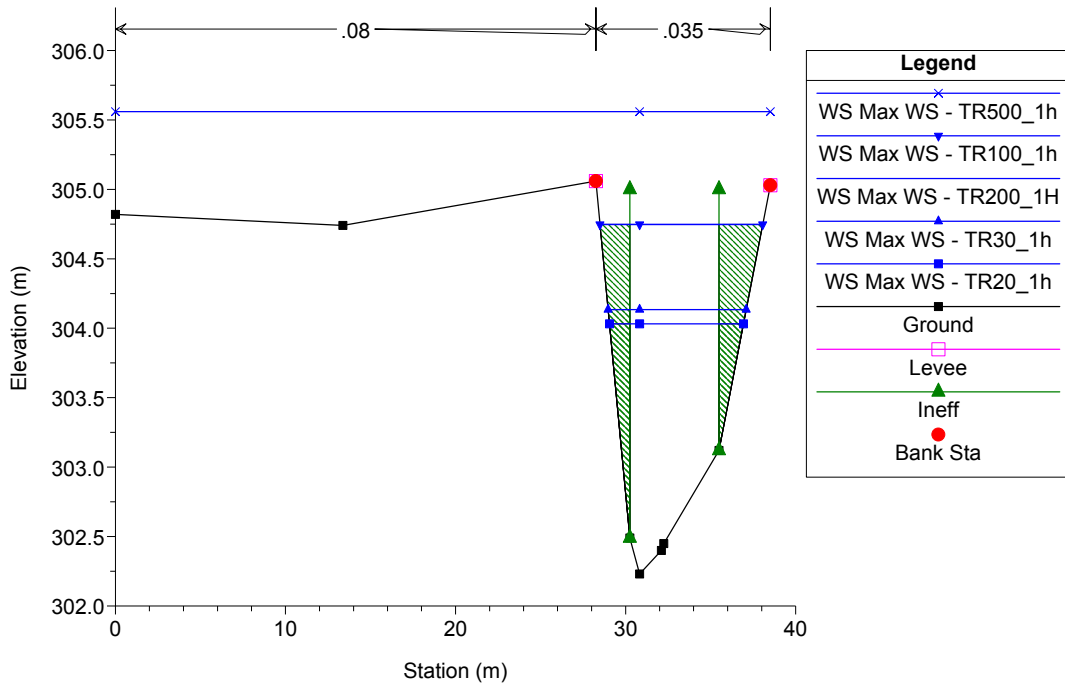
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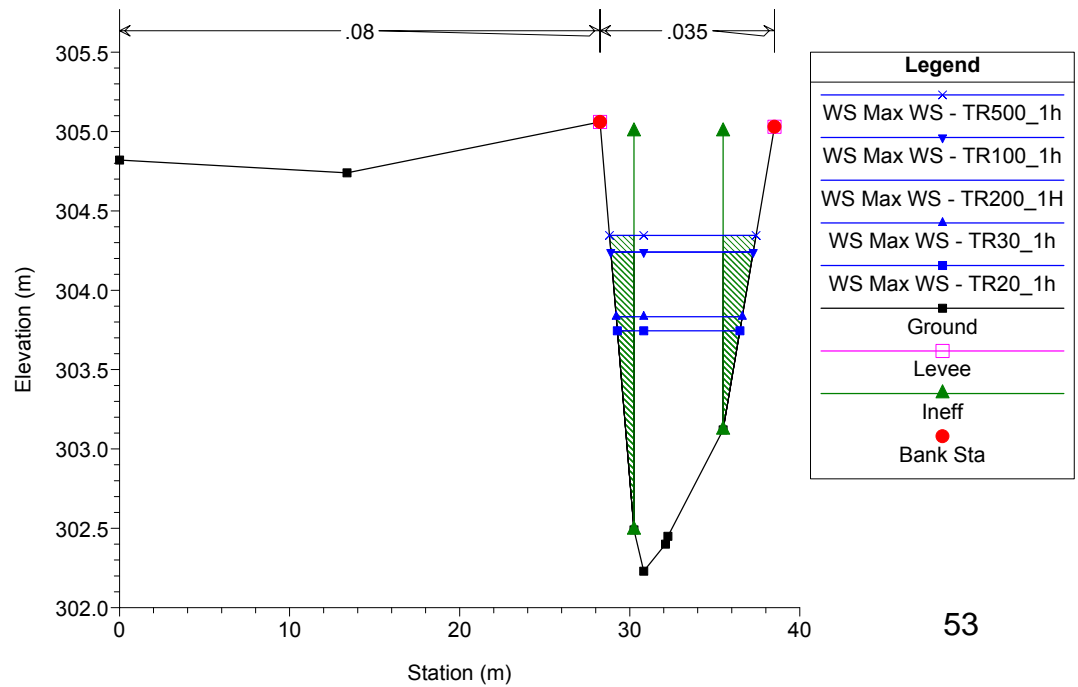


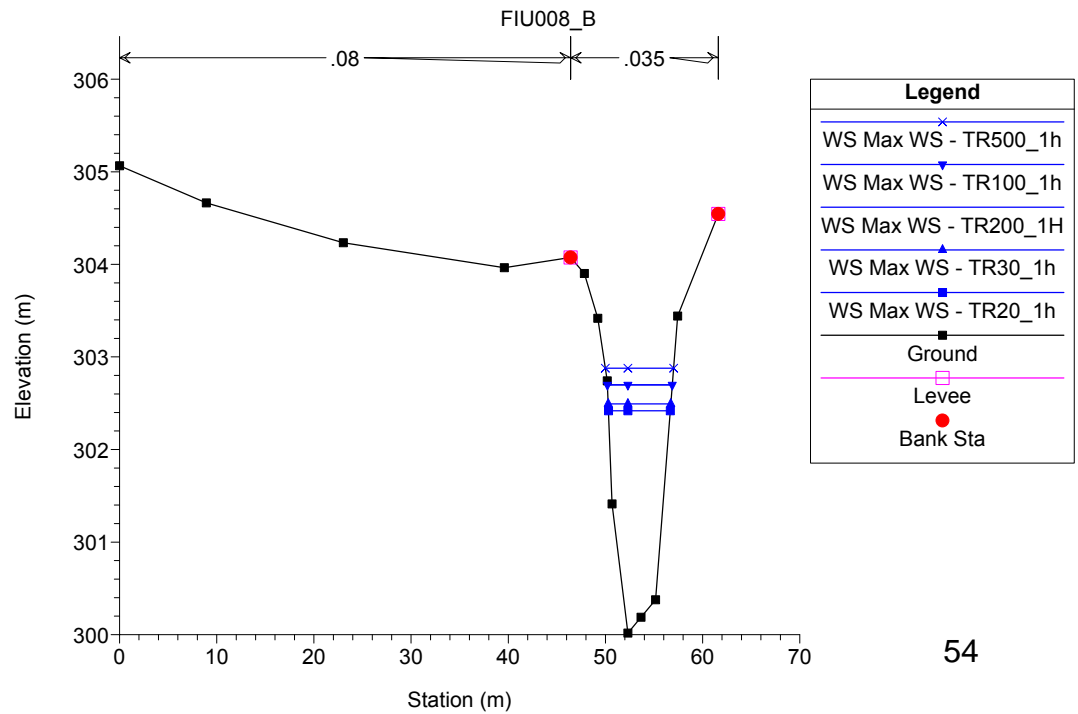
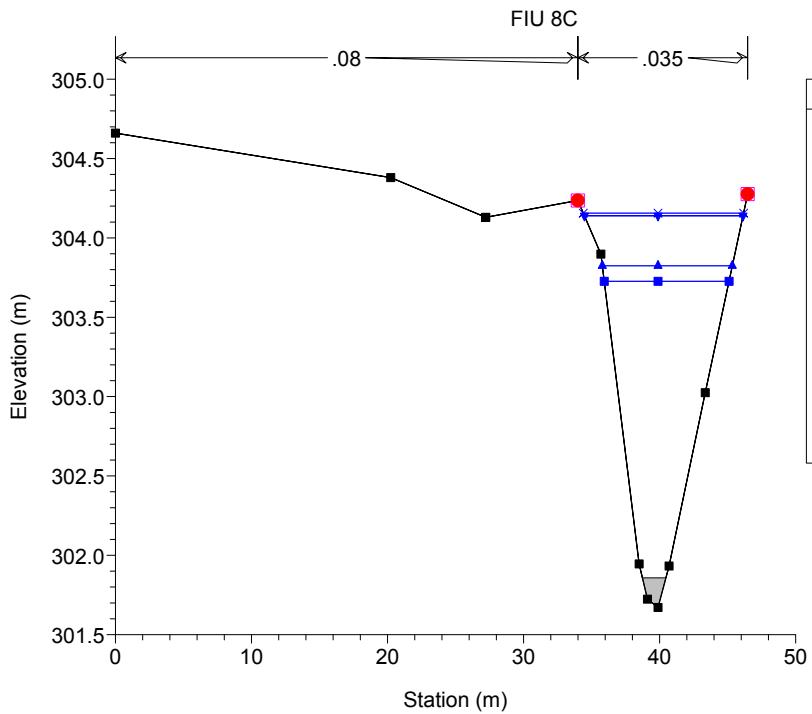
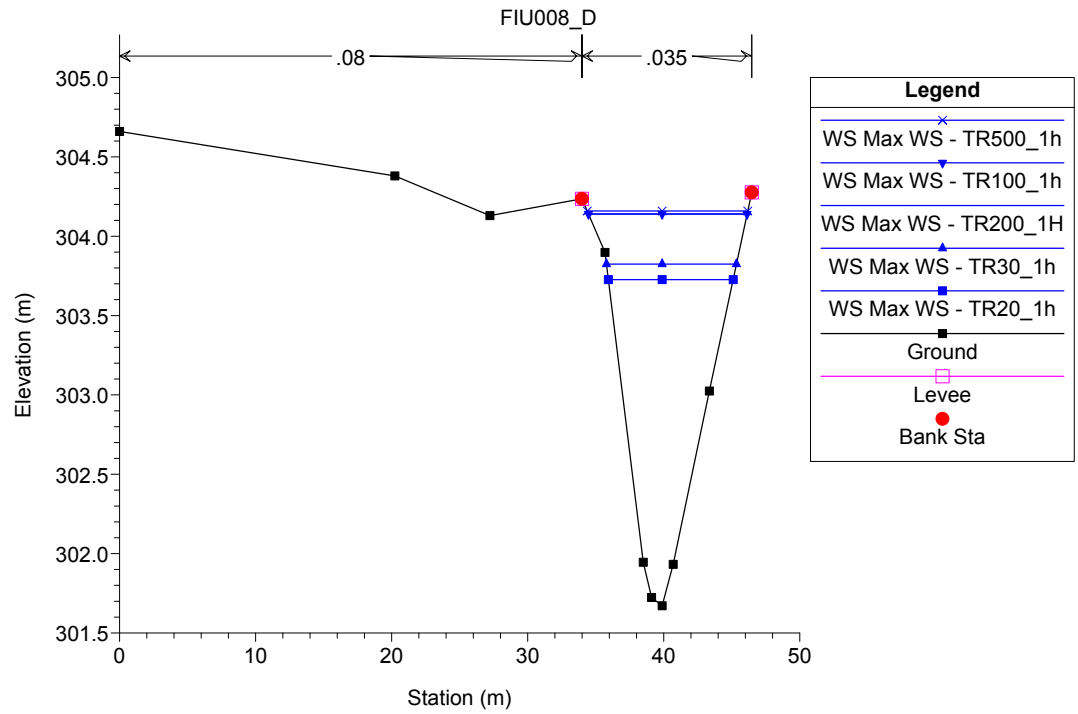
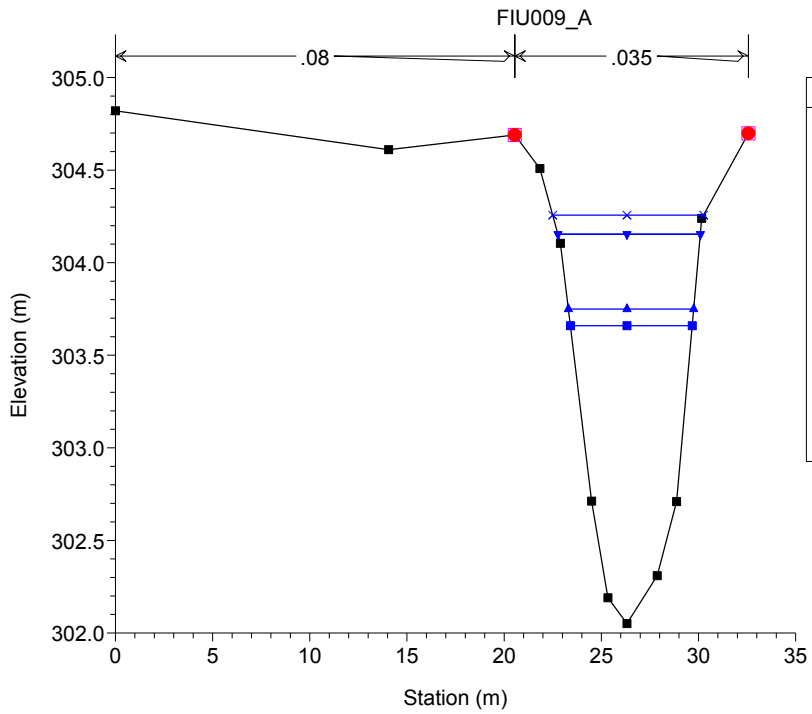


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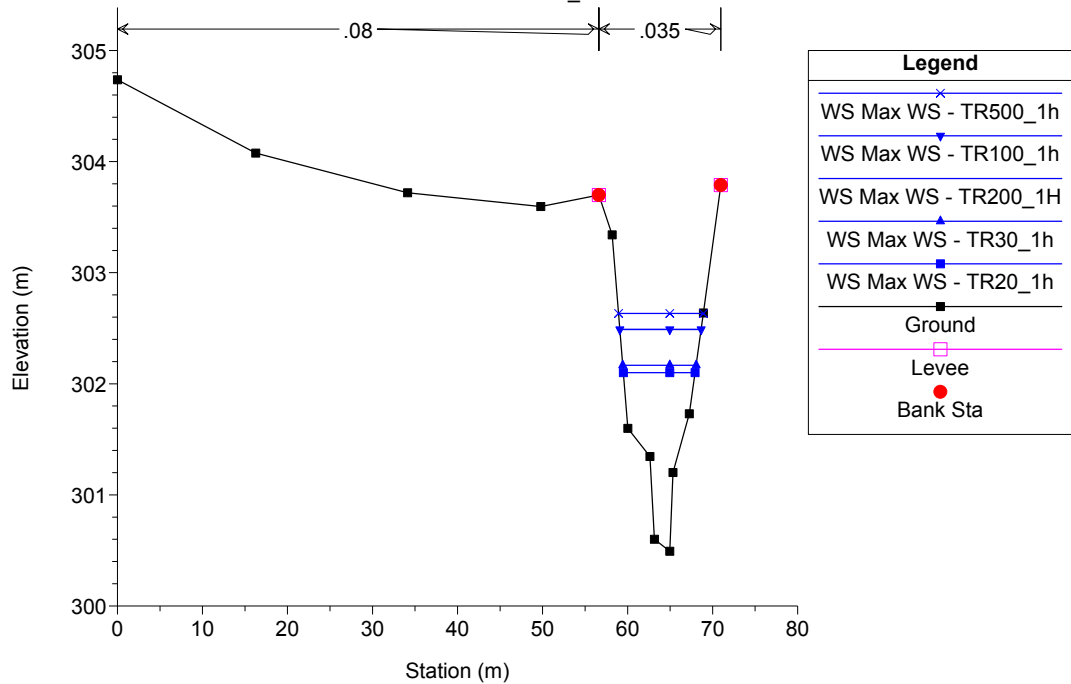
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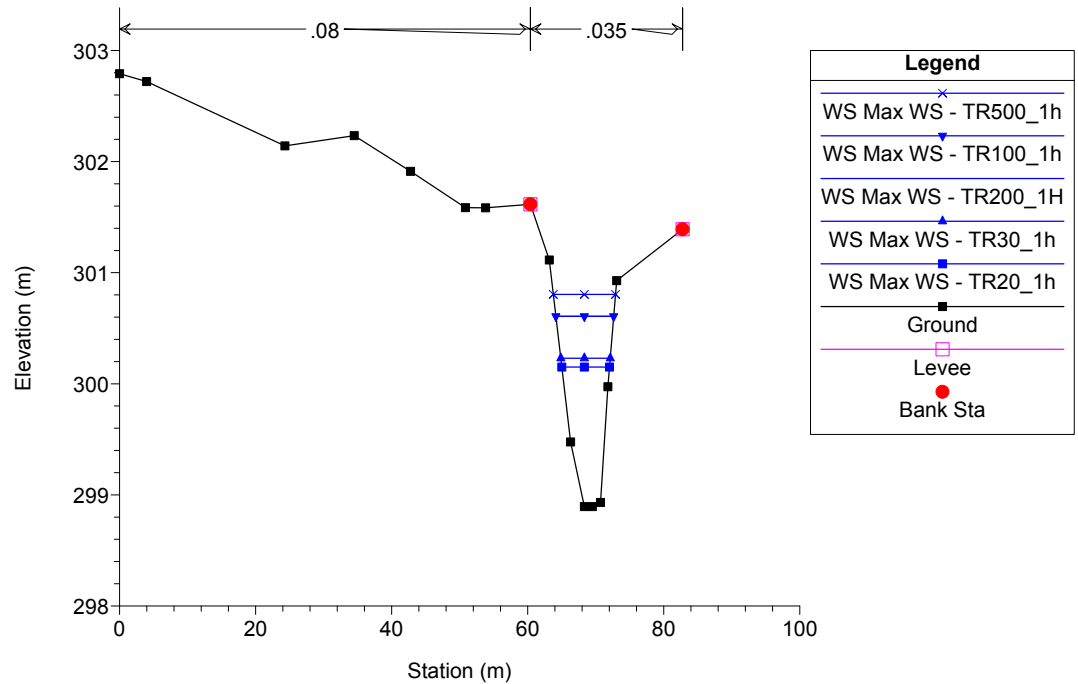




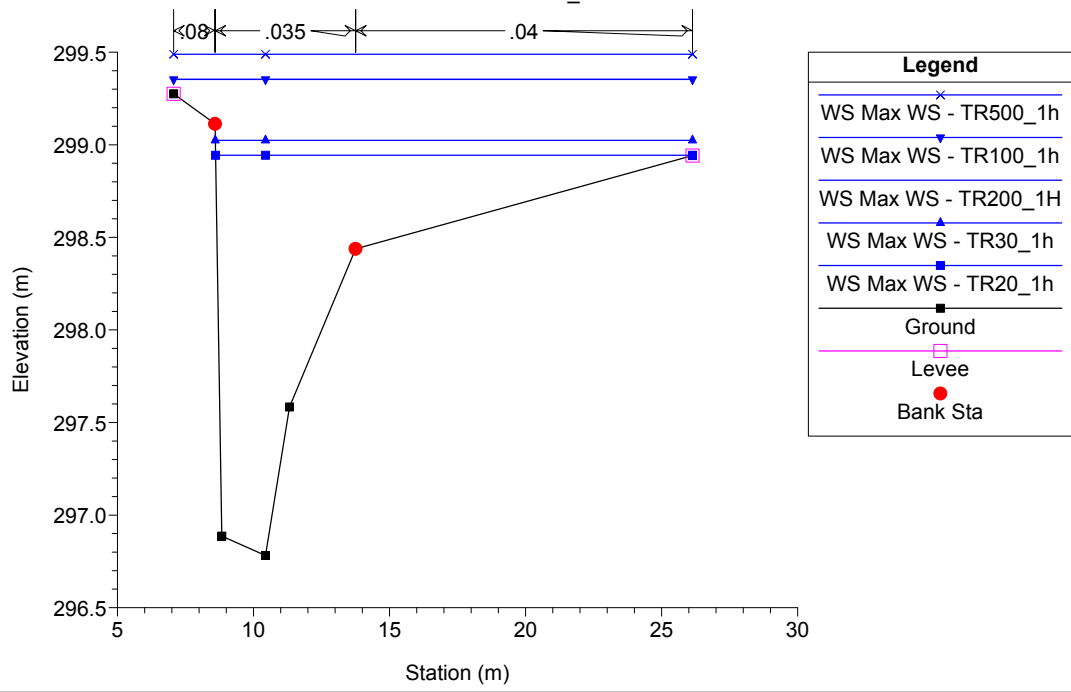
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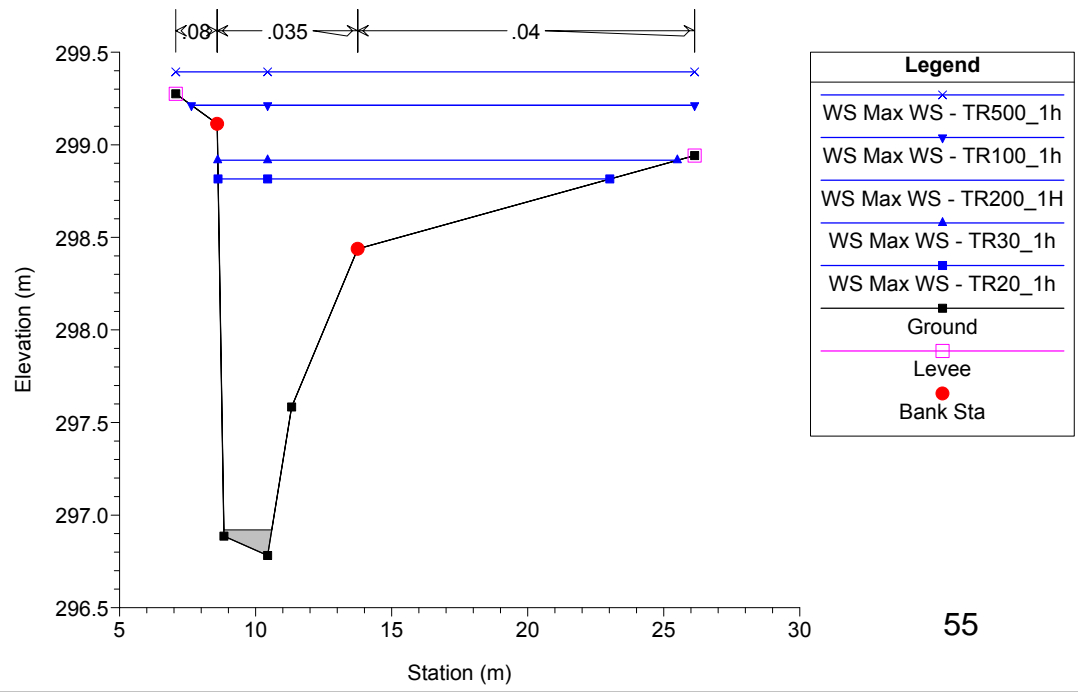
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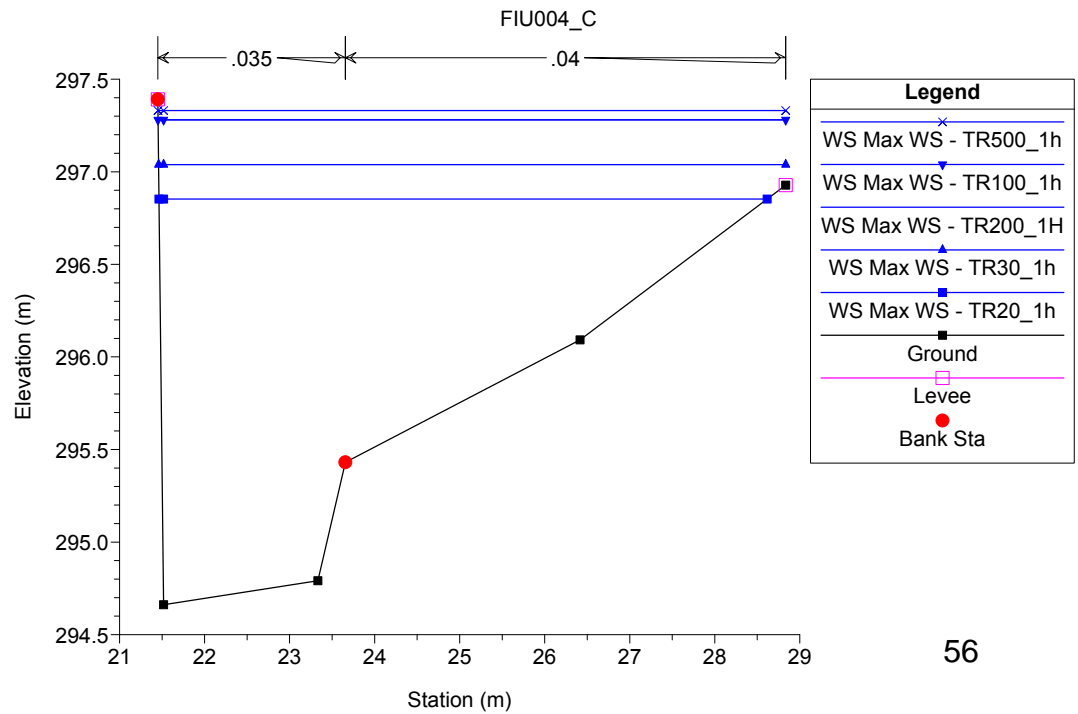
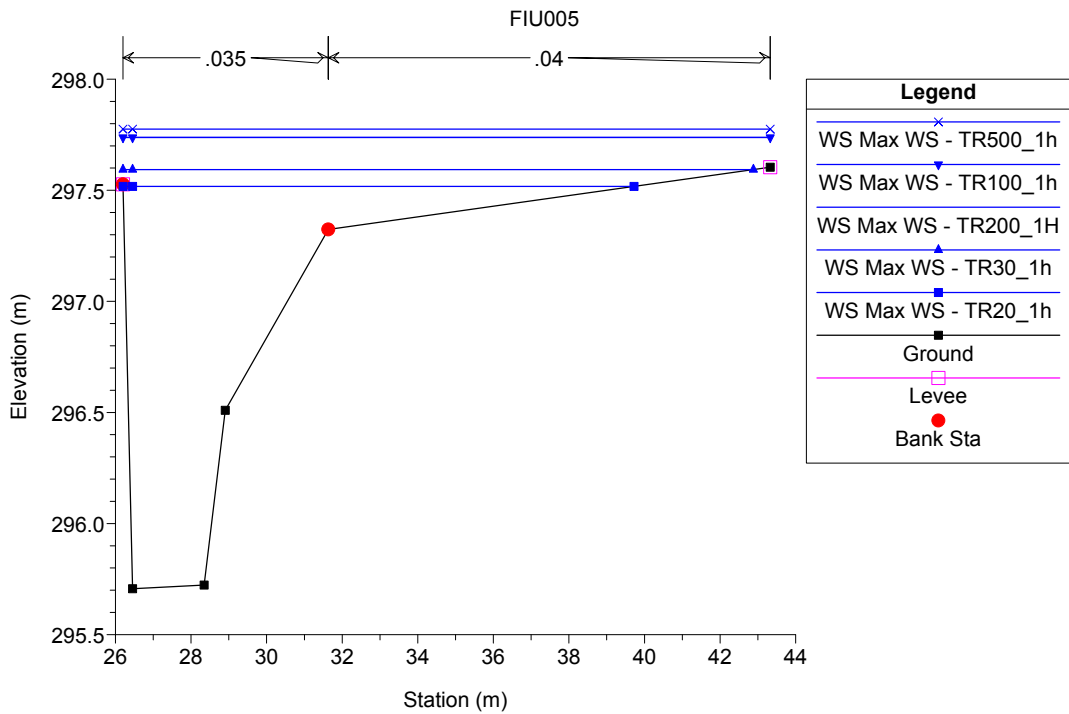
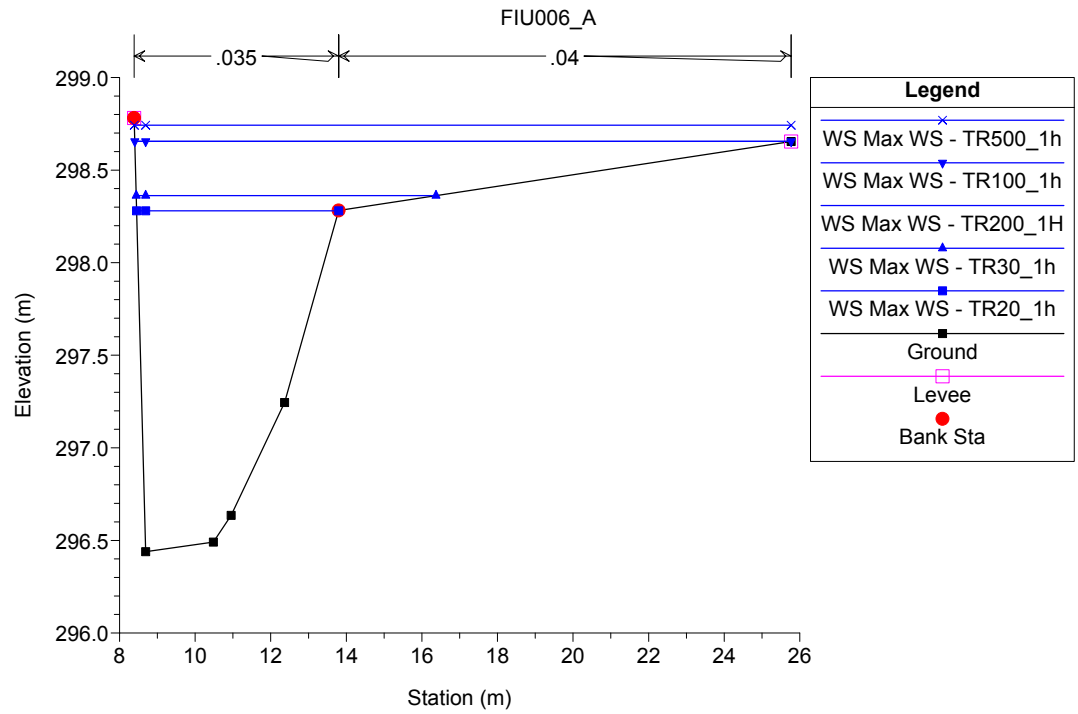
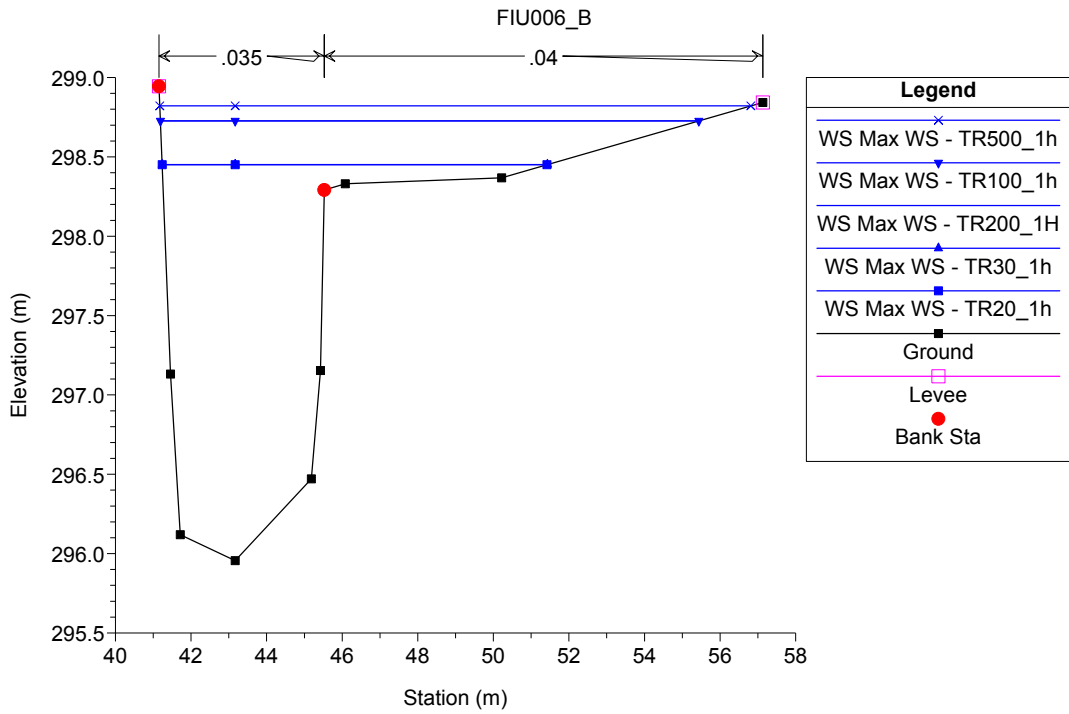


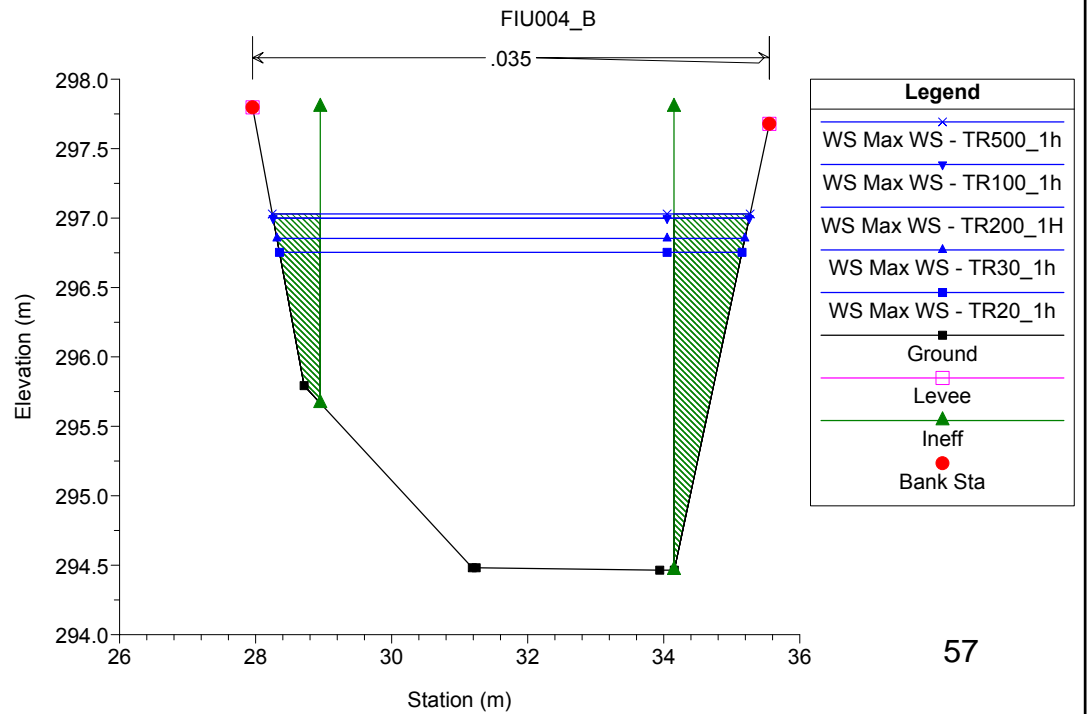
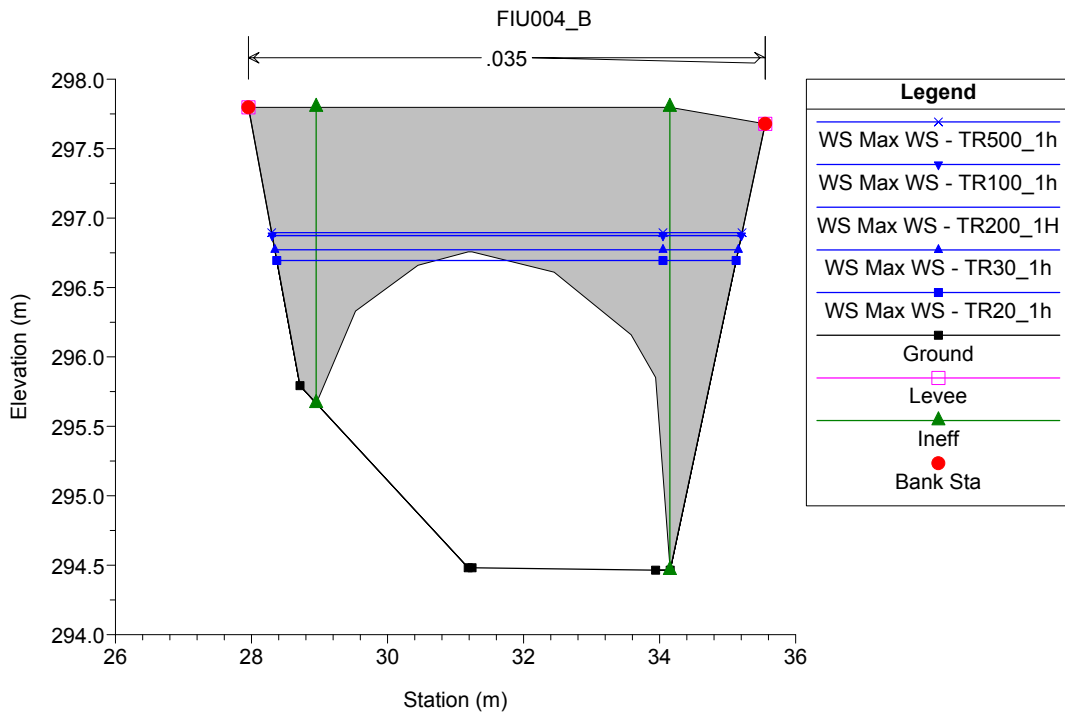
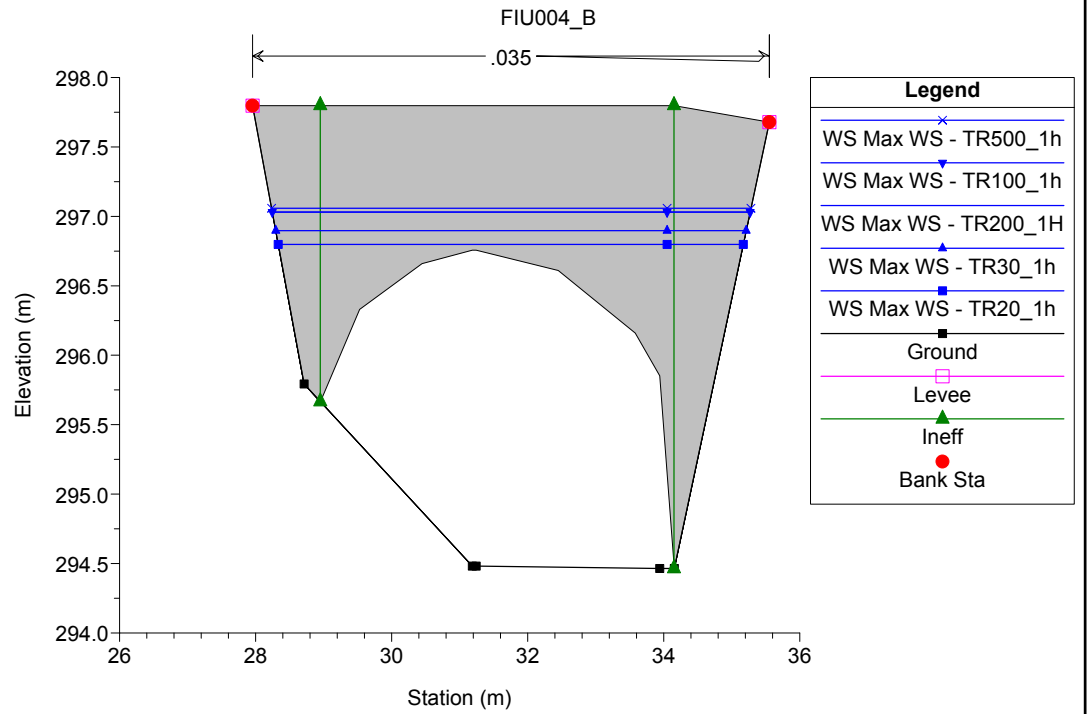
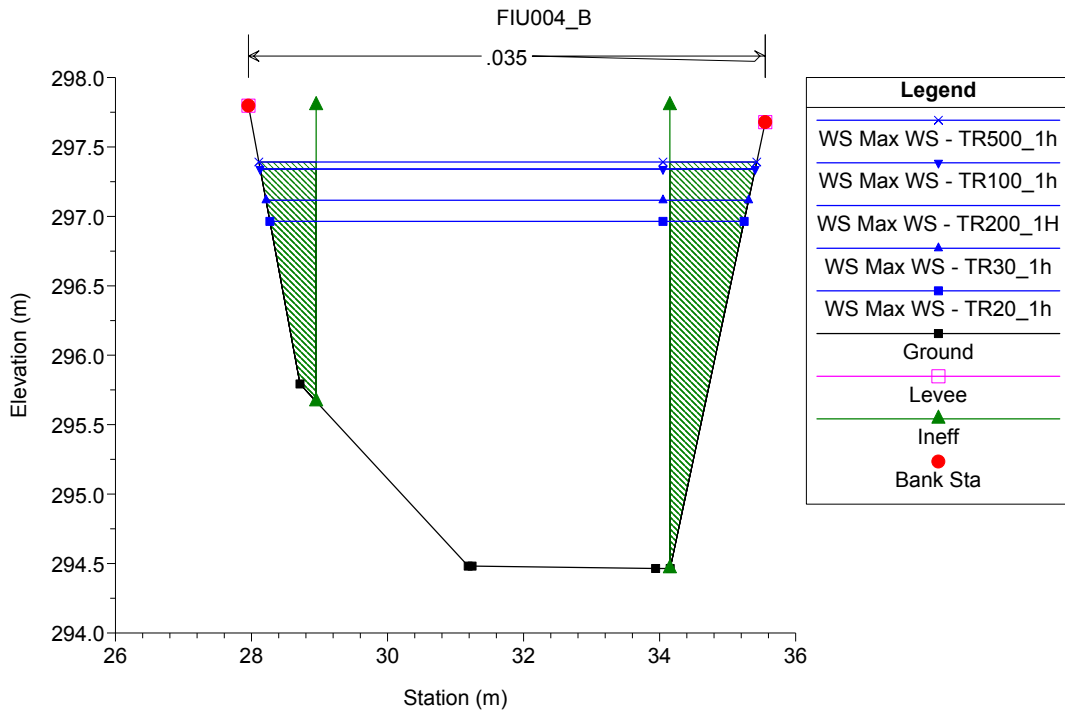
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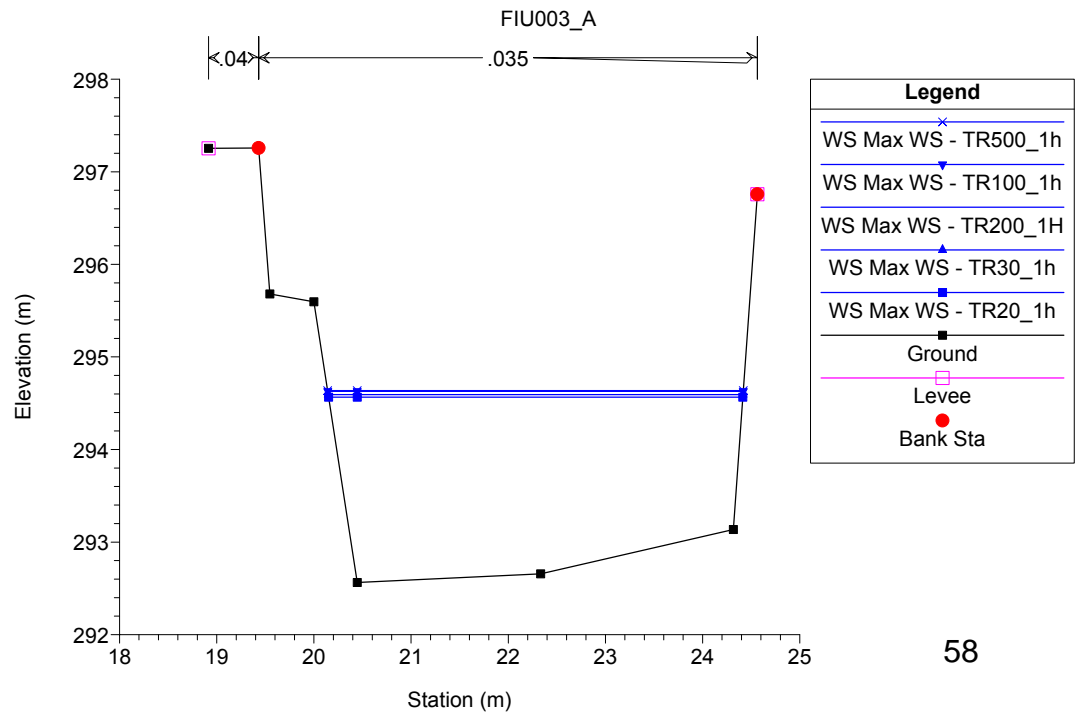
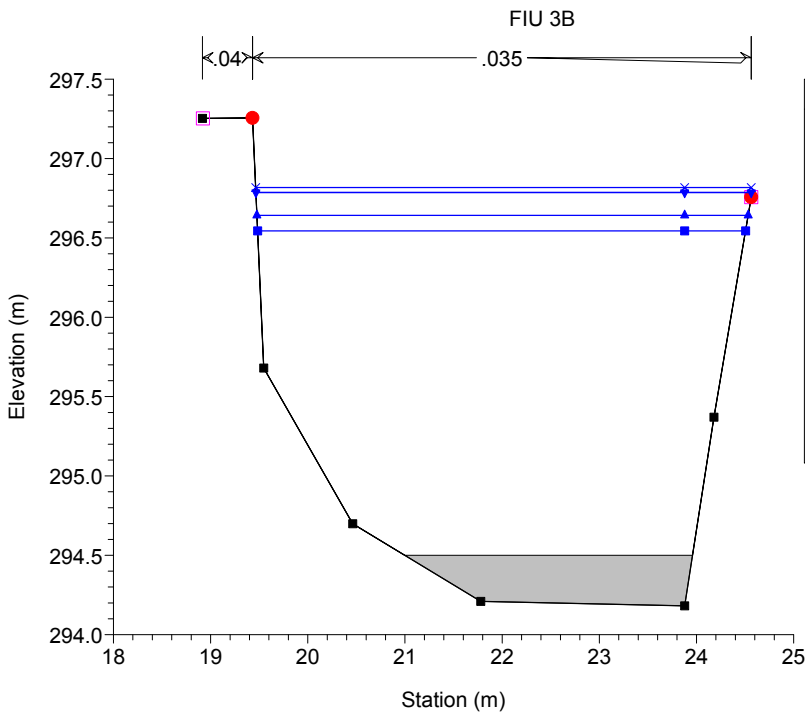
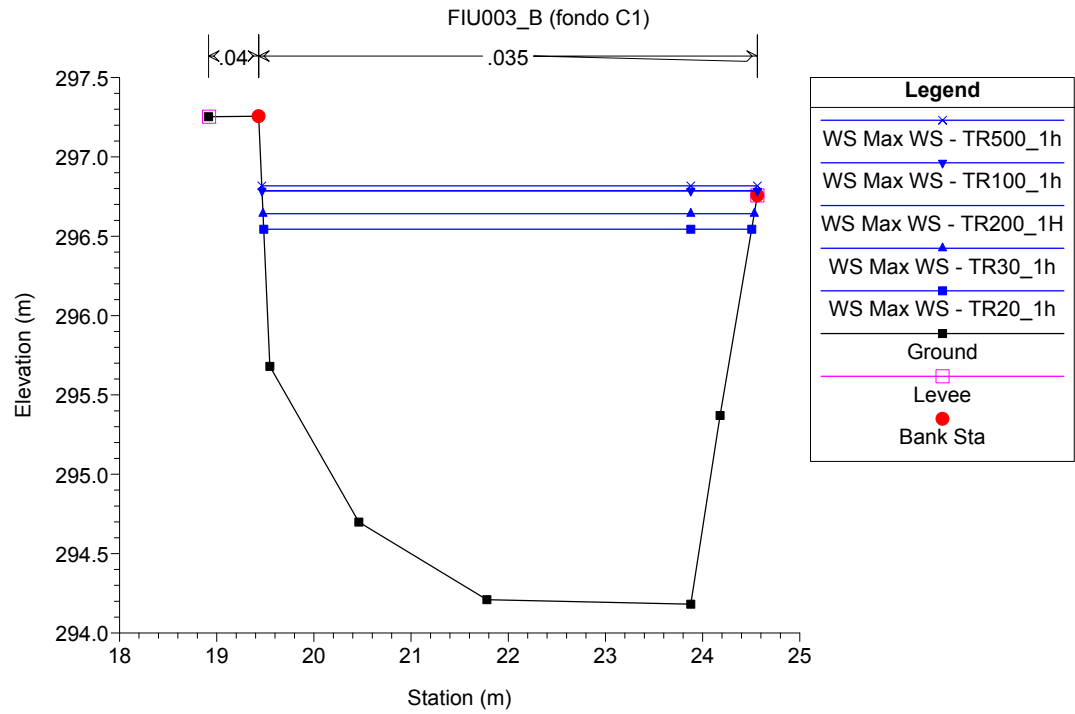
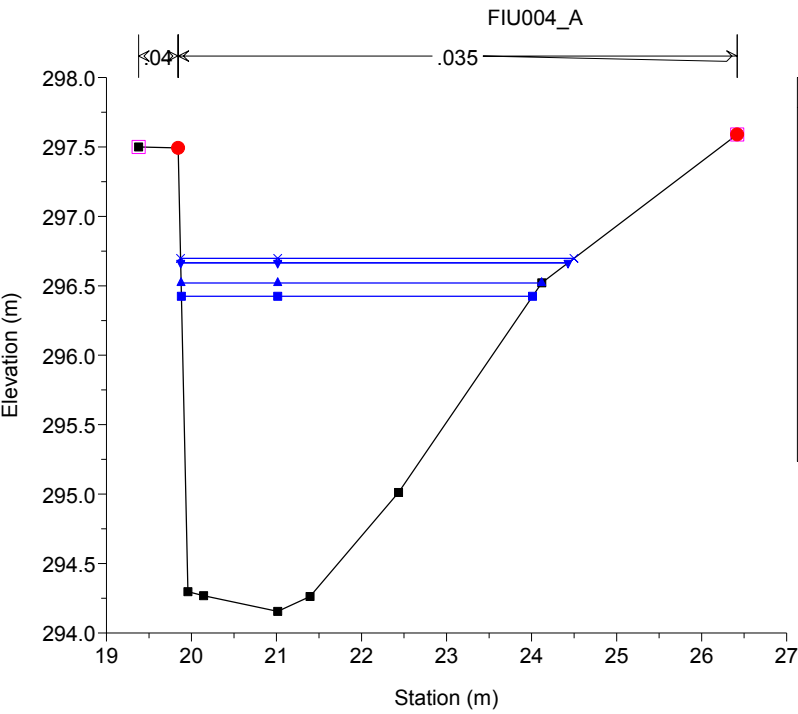


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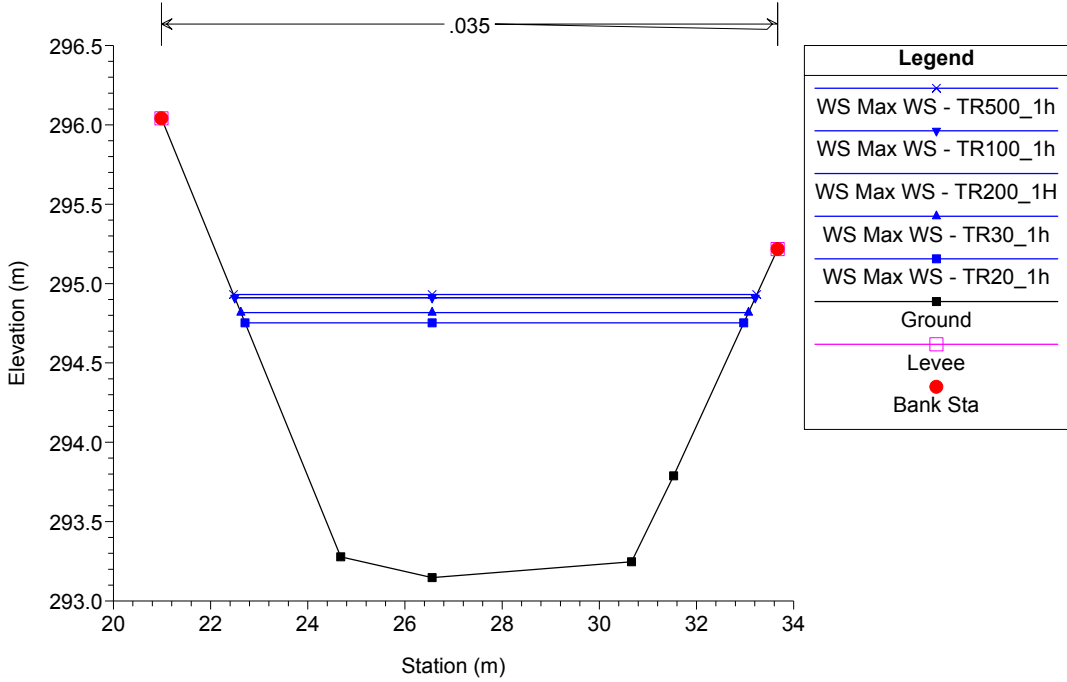




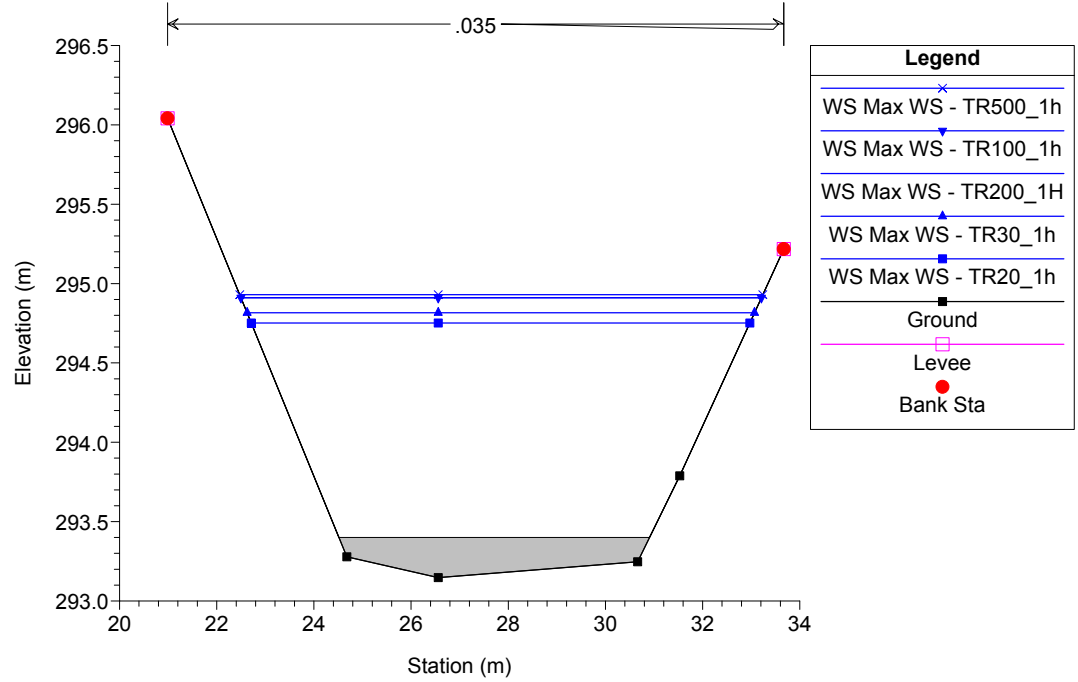




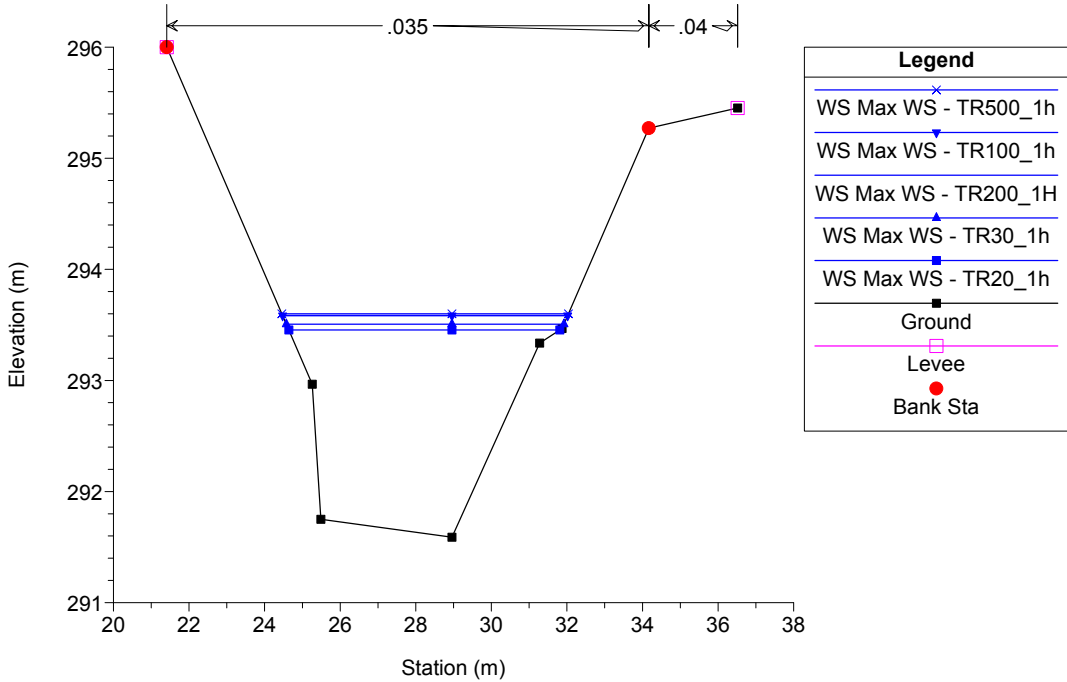
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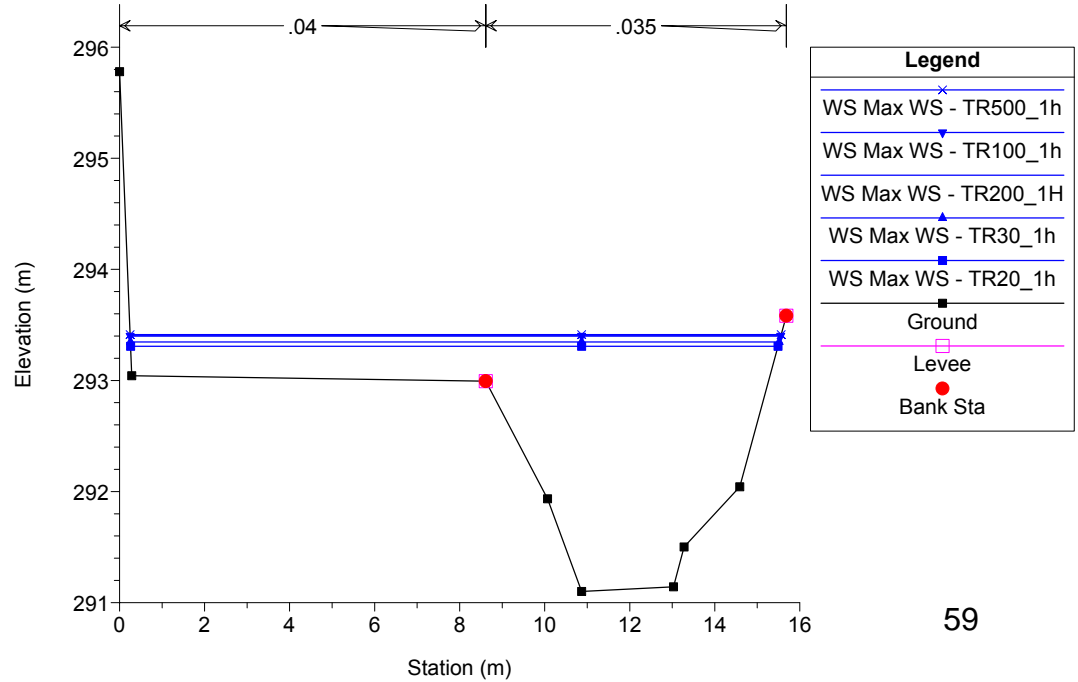
FIU 2B



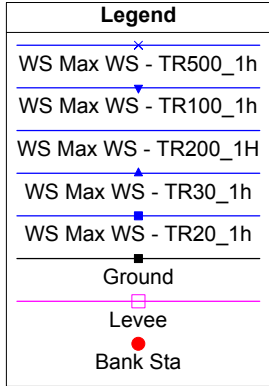
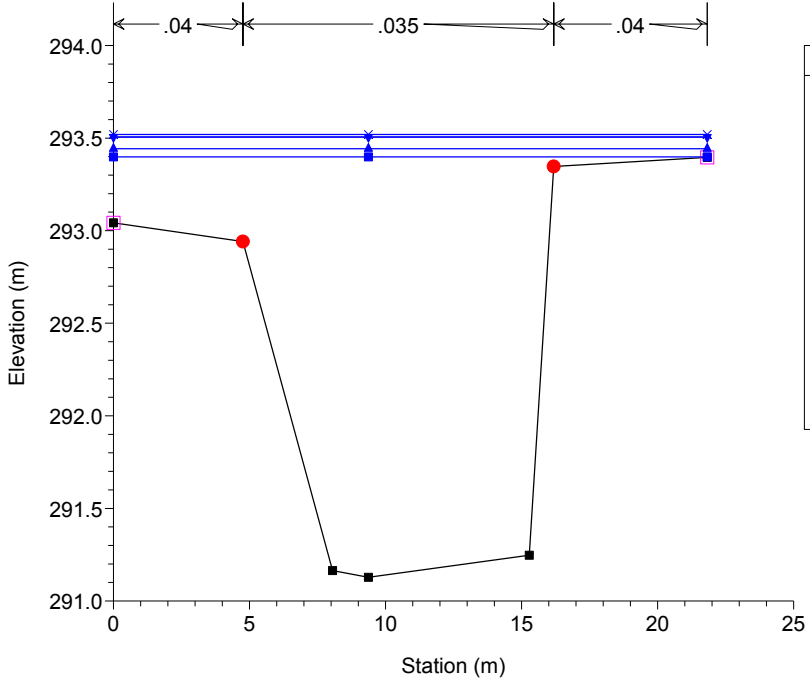
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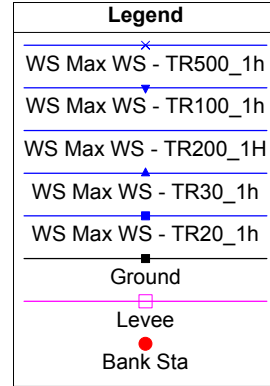
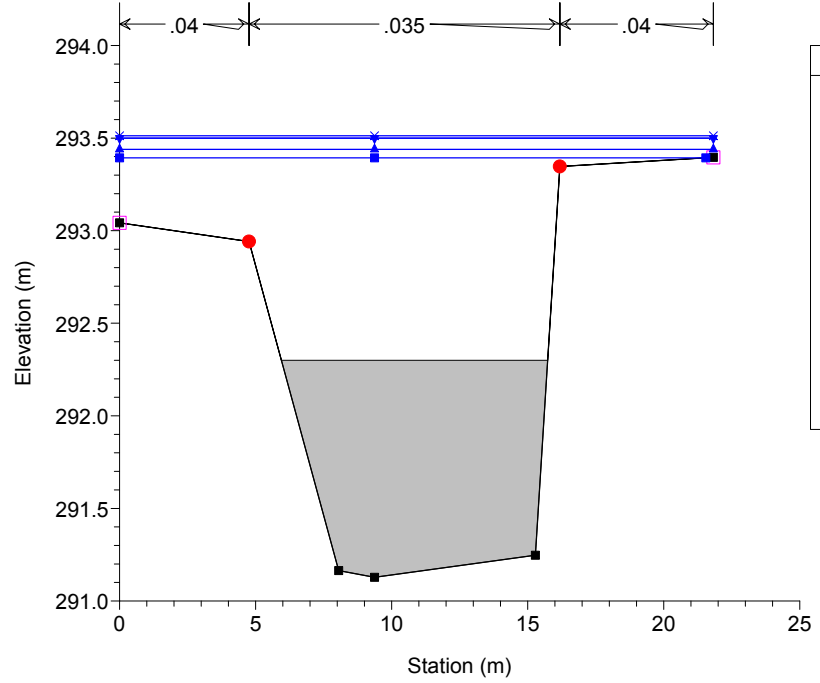
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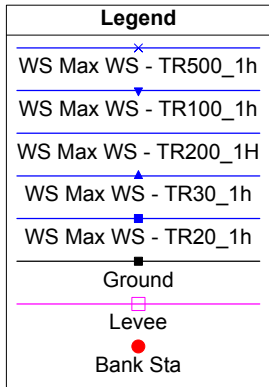
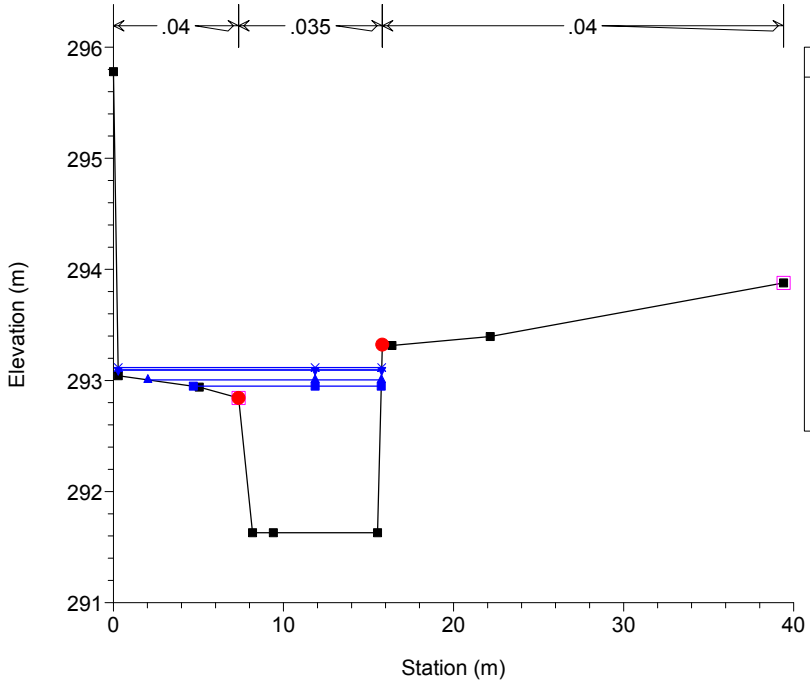
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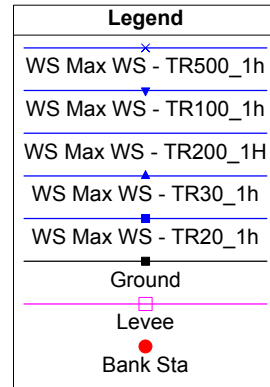
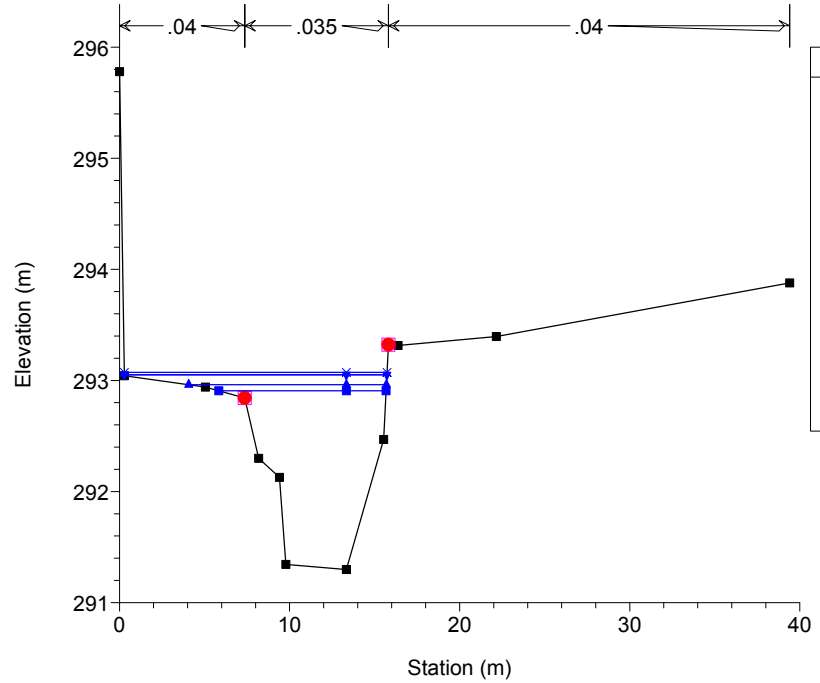
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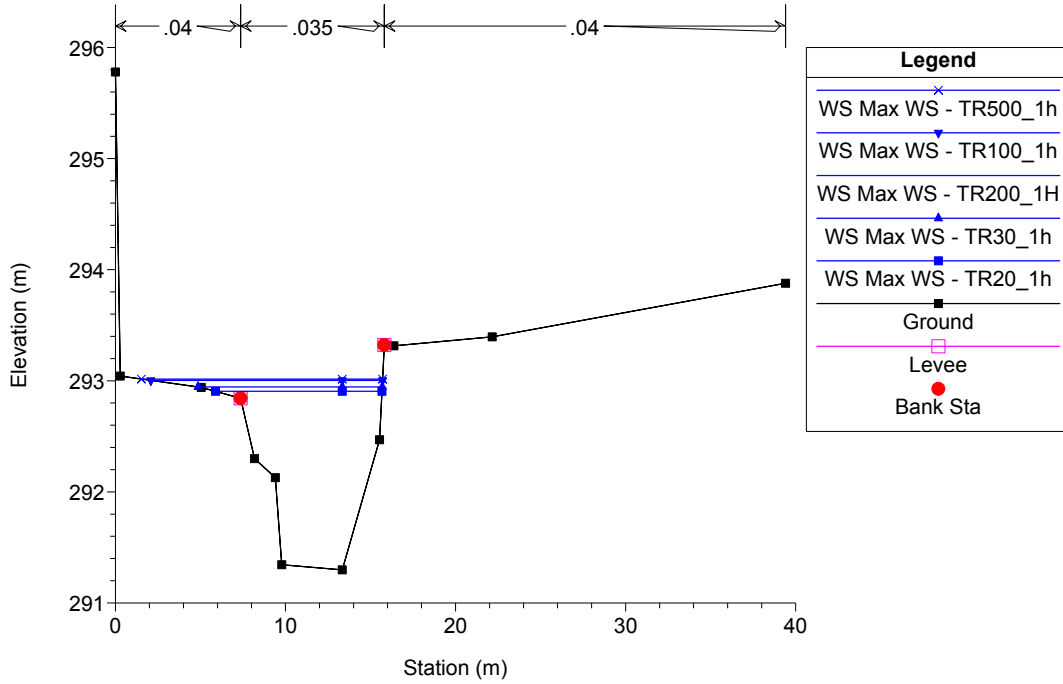
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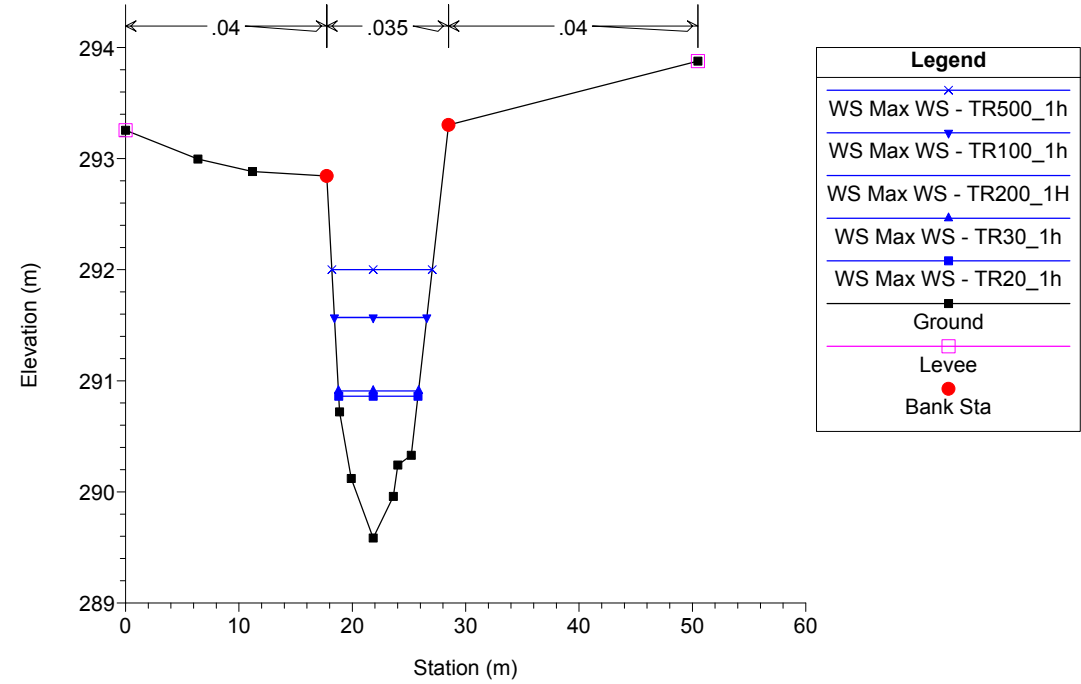
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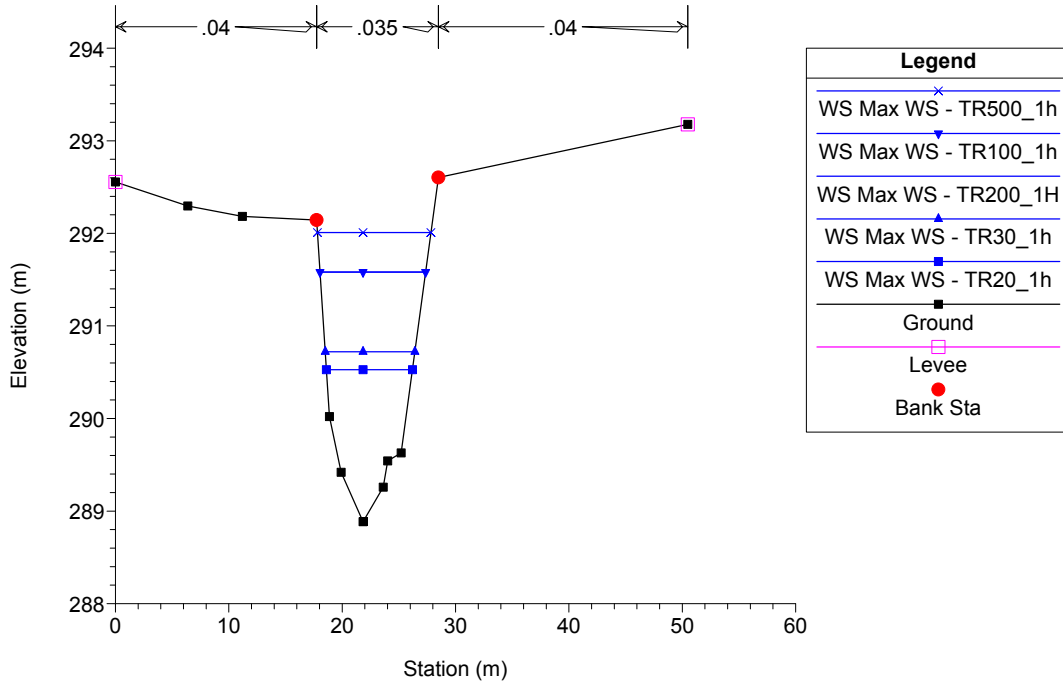
soglia ricostruita per modellare salto di fondo



FIU001A



FIU001A



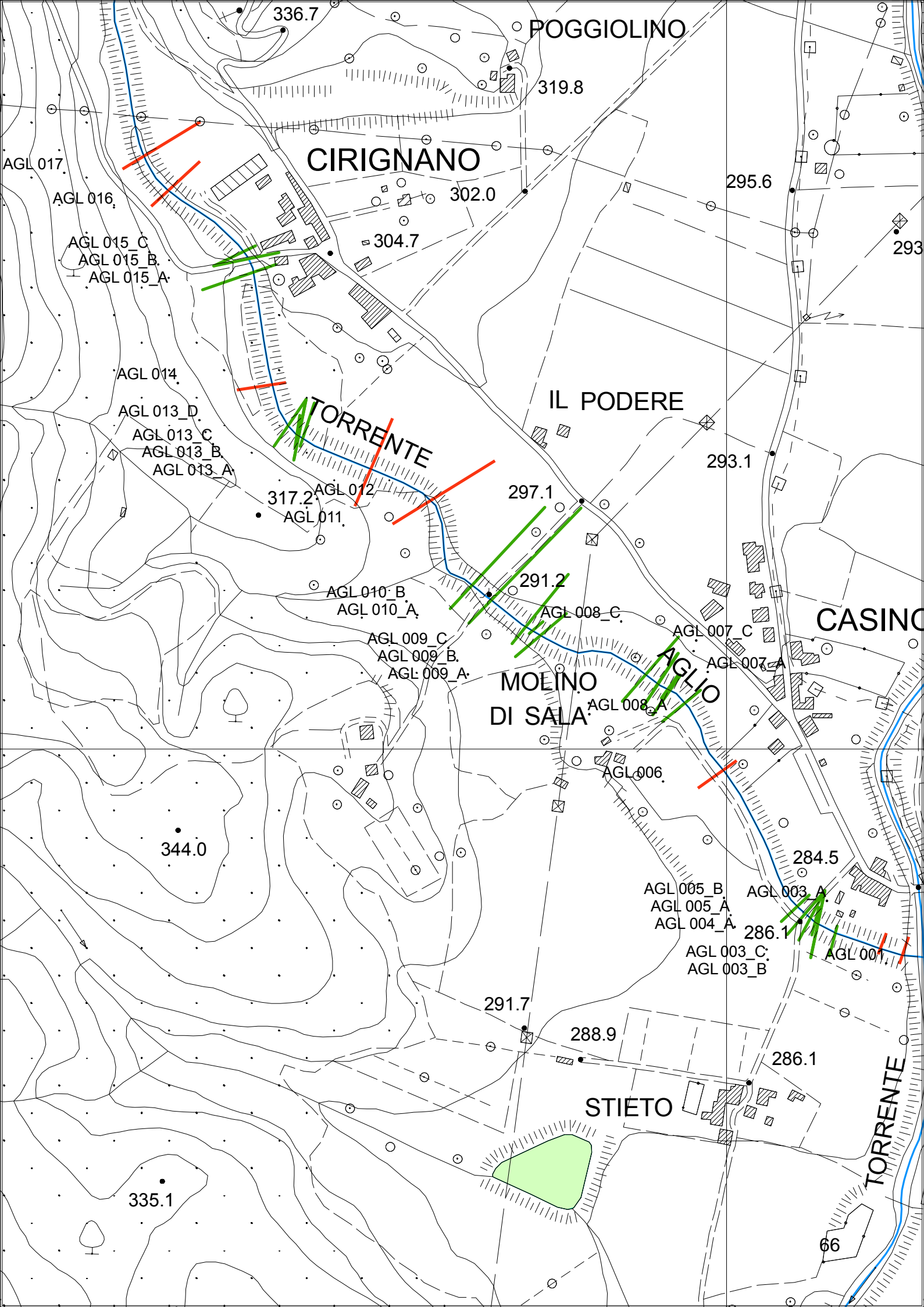
Reach	River Sta	Profile	Plan	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
t.Fiumicello	12	Max WS	TR200_1H	36.75	311.45	313.15	313.41	314.03	0.029812	4.15	8.86	10.42	1.43
t.Fiumicello	12	Max WS	TR30_1h	22.98	311.45	312.87	313.08	313.57	0.030368	3.70	6.21	8.76	1.40
t.Fiumicello	12	Max WS	TR100_1h	36.75	311.45	313.15	313.41	314.03	0.029812	4.15	8.86	10.42	1.43
t.Fiumicello	12	Max WS	TR500_1h	45.52	311.45	313.30	313.59	314.27	0.029545	4.36	10.43	11.28	1.45
t.Fiumicello	12	Max WS	TR20_1h	20.49	311.45	312.81	313.01	313.48	0.030798	3.62	5.66	8.36	1.40
t.Fiumicello	11	Max WS	TR200_1H	36.73	306.87	308.79	309.10	309.82	0.026614	4.50	8.16	7.14	1.34
t.Fiumicello	11	Max WS	TR30_1h	22.92	306.87	308.37	308.61	309.23	0.025399	4.12	5.57	5.23	1.27
t.Fiumicello	11	Max WS	TR100_1h	36.73	306.87	308.79	309.10	309.82	0.026614	4.50	8.16	7.14	1.34
t.Fiumicello	11	Max WS	TR500_1h	45.49	306.87	309.00	309.33	310.11	0.026712	4.68	9.73	8.17	1.37
t.Fiumicello	11	Max WS	TR20_1h	20.44	306.87	308.28	308.49	309.09	0.025081	3.99	5.12	5.00	1.26
t.Fiumicello	10	Max WS	TR200_1H	36.73	304.74	306.60	306.85	307.54	0.022936	4.30	8.54	7.39	1.28
t.Fiumicello	10	Max WS	TR30_1h	22.91	304.74	306.21	306.38	306.96	0.022539	3.84	5.96	6.03	1.23
t.Fiumicello	10	Max WS	TR100_1h	36.73	304.74	306.60	306.85	307.54	0.022936	4.30	8.54	7.39	1.28
t.Fiumicello	10	Max WS	TR500_1h	45.49	304.74	306.79	307.08	307.84	0.023304	4.52	10.06	8.18	1.30
t.Fiumicello	10	Max WS	TR20_1h	20.42	304.74	306.13	306.29	306.84	0.022762	3.74	5.46	5.84	1.23
t.Fiumicello	9.2	Max WS	TR200_1H	36.84	302.29	304.95		305.35	0.004941	2.98	14.86	10.07	0.65
t.Fiumicello	9.2	Max WS	TR30_1h	22.88	302.29	304.19		304.65	0.009290	3.06	8.17	7.65	0.83
t.Fiumicello	9.2	Max WS	TR100_1h	36.84	302.29	304.95		305.35	0.004941	2.98	14.86	10.07	0.65
t.Fiumicello	9.2	Max WS	TR500_1h	45.45	302.29	305.36		305.75	0.003852	2.96	19.45	12.18	0.59
t.Fiumicello	9.2	Max WS	TR20_1h	20.40	302.29	304.08	303.99	304.52	0.010022	3.01	7.31	7.28	0.85
t.Fiumicello	9.19			Lat Struct									
t.Fiumicello	9.17	Max WS	TR200_1H	36.80	302.23	304.75	304.33	305.30	0.005017	3.29	11.18	9.57	0.72
t.Fiumicello	9.17	Max WS	TR30_1h	22.88	302.23	304.13	303.87	304.55	0.005993	2.87	7.97	8.12	0.74
t.Fiumicello	9.17	Max WS	TR100_1h	36.80	302.23	304.75	304.33	305.30	0.005017	3.29	11.18	9.57	0.72
t.Fiumicello	9.17	Max WS	TR500_1h	40.82	302.23	305.56	304.45	305.65	0.001143	1.45	43.72	38.51	0.31
t.Fiumicello	9.17	Max WS	TR20_1h	20.40	302.23	304.03	303.77	304.42	0.006015	2.75	7.43	7.88	0.74
t.Fiumicello	9.15			Bridge									
t.Fiumicello	9.13	Max WS	TR200_1H	36.63	302.23	304.24	304.32	305.18	0.012272	4.30	8.52	8.37	1.08
t.Fiumicello	9.13	Max WS	TR30_1h	22.88	302.23	303.83	303.87	304.49	0.012510	3.58	6.39	7.41	1.04
t.Fiumicello	9.13	Max WS	TR100_1h	36.63	302.23	304.24	304.32	305.18	0.012272	4.30	8.52	8.37	1.08
t.Fiumicello	9.13	Max WS	TR500_1h	40.82	302.23	304.35	304.45	305.38	0.012367	4.50	9.07	8.62	1.09
t.Fiumicello	9.13	Max WS	TR20_1h	20.39	302.23	303.74	303.77	304.35	0.012804	3.44	5.92	7.20	1.03
t.Fiumicello	9.12			Lat Struct									
t.Fiumicello	9	Max WS	TR200_1H	36.62	302.05	304.15	304.11	304.81	0.012875	3.58	10.21	7.33	0.97
t.Fiumicello	9	Max WS	TR30_1h	22.88	302.05	303.75		304.23	0.011866	3.08	7.44	6.45	0.91
t.Fiumicello	9	Max WS	TR100_1h	36.62	302.05	304.15	304.11	304.81	0.012875	3.58	10.21	7.33	0.97
t.Fiumicello	9	Max WS	TR500_1h	40.82	302.05	304.26	304.26	304.96	0.013505	3.72	10.99	7.76	1.00
t.Fiumicello	9	Max WS	TR20_1h	20.39	302.05	303.66		304.11	0.011746	2.97	6.87	6.27	0.91
t.Fiumicello	8.4	Max WS	TR200_1H	36.81	301.67	304.14	303.77	304.46	0.006328	2.50	14.74	11.66	0.71
t.Fiumicello	8.4	Max WS	TR30_1h	22.87	301.67	303.82	303.37	304.03	0.004436	2.00	11.43	9.56	0.58
t.Fiumicello	8.4	Max WS	TR100_1h	36.81	301.67	304.14	303.77	304.46	0.006328	2.50	14.74	11.66	0.71
t.Fiumicello	8.4	Max WS	TR500_1h	40.76	301.67	304.16	303.86	304.54	0.007495	2.72	14.97	11.80	0.77
t.Fiumicello	8.4	Max WS	TR20_1h	20.37	301.67	303.73	303.28	303.92	0.004397	1.94	10.51	9.17	0.58
t.Fiumicello	8.15			Ini Struct									
t.Fiumicello	8.1	Max WS	TR200_1H	36.81	300.02	302.70		303.13	0.006854	2.91	12.65	6.67	0.67
t.Fiumicello	8.1	Max WS	TR30_1h	22.87	300.02	302.49		302.70	0.003596	2.02	11.30	6.44	0.49
t.Fiumicello	8.1	Max WS	TR100_1h	36.81	300.02	302.70		303.13	0.006854	2.91	12.65	6.67	0.67
t.Fiumicello	8.1	Max WS	TR500_1h	40.85	300.02	302.88		303.32	0.006663	2.94	13.87	7.02	0.67
t.Fiumicello	8.1	Max WS	TR20_1h	20.39	300.02	302.42		302.60	0.003212	1.88	10.82	6.36	0.46
t.Fiumicello	8.09			Lat Struct									
t.Fiumicello	8	Max WS	TR200_1H	36.78	300.49	302.49	302.54	303.12	0.016083	3.51	10.49	9.56	1.07
t.Fiumicello	8	Max WS	TR30_1h	22.87	300.49	302.17	302.19	302.63	0.016013	3.03	7.56	8.63	1.03
t.Fiumicello	8	Max WS	TR100_1h	36.78	300.49	302.49	302.54	303.12	0.016083	3.51	10.49	9.56	1.07
t.Fiumicello	8	Max WS	TR500_1h	43.98	300.49	302.63	302.70	303.33	0.016054	3.70	11.89	9.98	1.08
t.Fiumicello	8	Max WS	TR20_1h	20.39	300.49	302.10	302.12	302.53	0.015994	2.92	6.99	8.44	1.02
t.Fiumicello	7.9			Lat Struct									
t.Fiumicello	7.49			Lat Struct									
t.Fiumicello	7	Max WS	TR200_1H	36.72	298.89	300.61	300.72	301.34	0.017246	3.80	9.67	8.50	1.14
t.Fiumicello	7	Max WS	TR30_1h	22.85	298.89	300.23	300.32	300.82	0.018232	3.41	6.69	7.26	1.14
t.Fiumicello	7	Max WS	TR100_1h	36.72	298.89	300.61	300.72	301.34	0.017246	3.80	9.67	8.50	1.14
t.Fiumicello	7	Max WS	TR500_1h	44.51	298.89	300.80	300.92	301.58	0.016194	3.90	11.40	9.14	1.12
t.Fiumicello	7	Max WS	TR20_1h	20.37	298.89	300.15	300.24	300.71	0.018458	3.32	6.13	7.00	1.13
t.Fiumicello	6.95			Lat Struct									
t.Fiumicello	6.4	Max WS	TR200_1H	37.18	296.78	299.35	299.21	299.62	0.006224	2.62	18.01	19.07	0.62
t.Fiumicello	6.4	Max WS	TR30_1h	22.73	296.78	299.02	298.92	299.27	0.006557	2.38	12.00	17.54	0.62
t.Fiumicello	6.4	Max WS	TR100_1h	37.18	296.78	299.35	299.21	299.62	0.006224	2.62	18.01	19.07	0.62
t.Fiumicello	6.4	Max WS	TR500_1h	43.46	296.78	299.49	299.31	299.77	0.005881	2.67	20.60	19.07	0.61

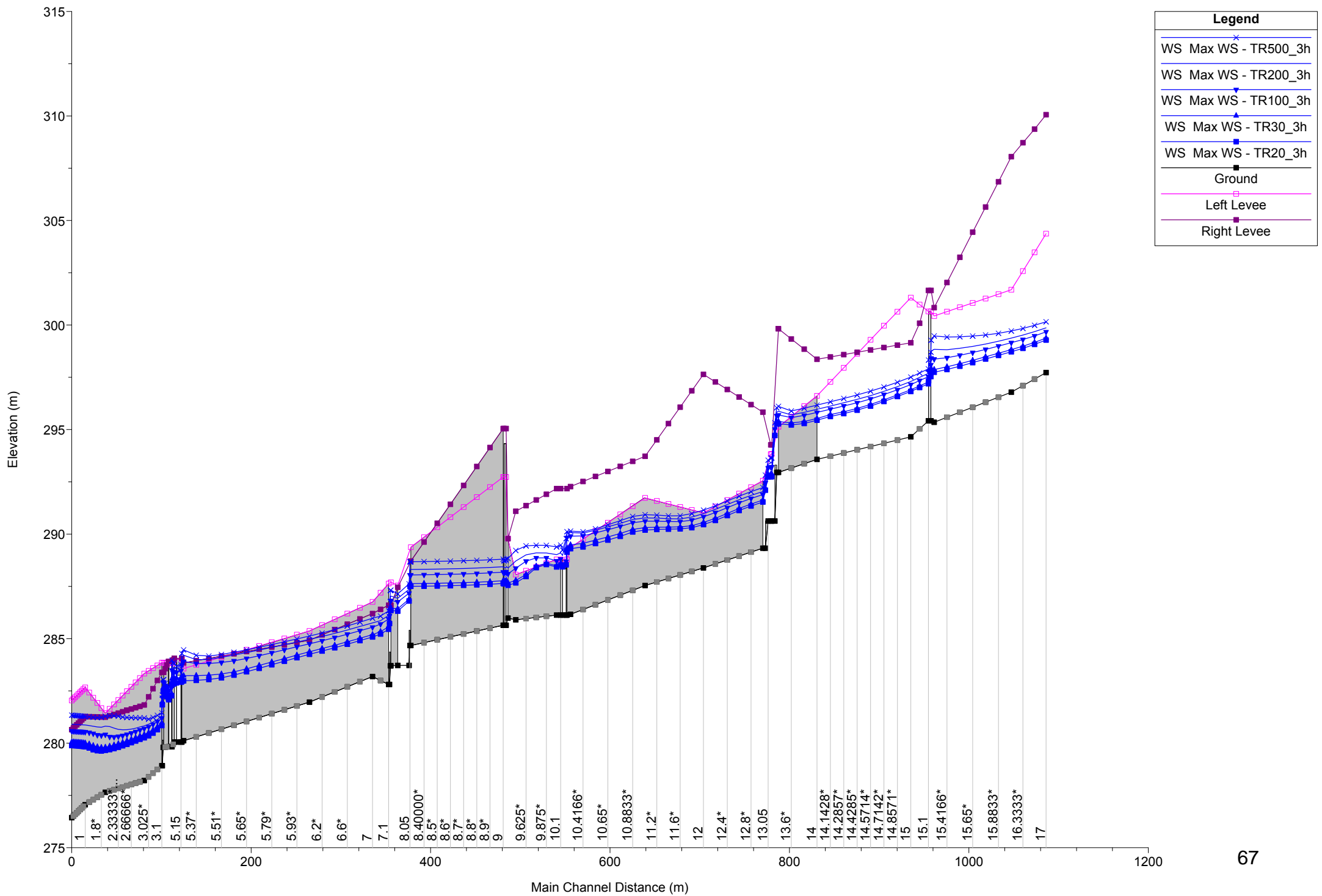


Reach	River Sta	Profile	Plan	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
t.Fiumicello	6.4	Max WS	TR20_1h	20.29	296.78	298.94	298.82	299.20	0.006915	2.38	10.58	17.53	0.63
t.Fiumicello	6.15			Inl Struct									
t.Fiumicello	6.1	Max WS	TR200_1H	37.18	295.96	298.73	298.69	299.25	0.009852	3.34	13.02	14.25	0.69
t.Fiumicello	6.1	Max WS	TR30_1h	19.32	295.96	298.45		298.67	0.004399	2.10	9.65	10.19	0.46
t.Fiumicello	6.1	Max WS	TR100_1h	37.18	295.96	298.73	298.69	299.25	0.009852	3.34	13.02	14.25	0.69
t.Fiumicello	6.1	Max WS	TR500_1h	43.70	295.96	298.82	298.94	299.43	0.011323	3.64	14.43	15.64	0.74
t.Fiumicello	6.1	Max WS	TR20_1h	19.25	295.96	298.45		298.67	0.004372	2.10	9.64	10.18	0.46
t.Fiumicello	6.09			Lat Struct									
t.Fiumicello	6.08			Lat Struct									
t.Fiumicello	6	Max WS	TR200_1H	36.85	296.44	298.65	298.88	299.37	0.015406	3.87	11.17	17.37	0.96
t.Fiumicello	6	Max WS	TR30_1h	22.77	296.44	298.36	298.21	298.85	0.012087	3.09	7.46	7.93	0.84
t.Fiumicello	6	Max WS	TR100_1h	36.85	296.44	298.65	298.88	299.37	0.015406	3.87	11.17	17.37	0.96
t.Fiumicello	6	Max WS	TR500_1h	43.30	296.44	298.74	298.99	299.53	0.016639	4.13	12.68	17.38	1.00
t.Fiumicello	6	Max WS	TR20_1h	20.34	296.44	298.28		298.72	0.011687	2.94	6.92	5.35	0.83
t.Fiumicello	5	Max WS	TR200_1H	31.17	295.71	297.74	297.91	298.34	0.018081	3.68	10.46	17.13	1.02
t.Fiumicello	5	Max WS	TR30_1h	22.68	295.71	297.59	297.76	298.12	0.016609	3.31	7.99	16.68	0.97
t.Fiumicello	5	Max WS	TR100_1h	31.17	295.71	297.74	297.91	298.34	0.018081	3.68	10.46	17.13	1.02
t.Fiumicello	5	Max WS	TR500_1h	33.94	295.71	297.78	297.96	298.41	0.018642	3.79	11.10	17.13	1.03
t.Fiumicello	5	Max WS	TR20_1h	20.32	295.71	297.52	297.70	298.05	0.017417	3.26	6.85	13.53	0.99
t.Fiumicello	4.2	Max WS	TR200_1H	24.97	294.66	297.28		297.53	0.006203	2.33	11.48	7.38	0.47
t.Fiumicello	4.2	Max WS	TR30_1h	21.99	294.66	297.04		297.31	0.007800	2.52	9.70	7.38	0.54
t.Fiumicello	4.2	Max WS	TR100_1h	24.97	294.66	297.28		297.53	0.006203	2.33	11.48	7.38	0.47
t.Fiumicello	4.2	Max WS	TR500_1h	25.73	294.66	297.33		297.57	0.006018	2.31	11.85	7.38	0.47
t.Fiumicello	4.2	Max WS	TR20_1h	20.28	294.66	296.85		297.17	0.010020	2.76	8.33	7.15	0.62
t.Fiumicello	4.17	Max WS	TR200_1H	24.51	294.46	297.34	296.05	297.51	0.001197	1.81	13.57	7.28	0.36
t.Fiumicello	4.17	Max WS	TR30_1h	21.96	294.46	297.12	295.95	297.28	0.001298	1.77	12.40	7.09	0.37
t.Fiumicello	4.17	Max WS	TR100_1h	24.51	294.46	297.34	296.05	297.51	0.001197	1.81	13.57	7.28	0.36
t.Fiumicello	4.17	Max WS	TR500_1h	25.08	294.46	297.39	296.06	297.56	0.001176	1.81	13.83	7.32	0.35
t.Fiumicello	4.17	Max WS	TR20_1h	20.28	294.46	296.96	295.89	297.12	0.001380	1.75	11.61	6.97	0.37
t.Fiumicello	4.15			Bridge									
t.Fiumicello	4.13	Max WS	TR200_1H	24.51	294.46	297.00		297.22	0.001912	2.08	11.79	7.00	0.44
t.Fiumicello	4.13	Max WS	TR30_1h	21.96	294.46	296.85		297.06	0.001915	1.99	11.03	6.88	0.44
t.Fiumicello	4.13	Max WS	TR100_1h	24.51	294.46	297.00		297.22	0.001912	2.08	11.79	7.00	0.44
t.Fiumicello	4.13	Max WS	TR500_1h	25.08	294.46	297.03		297.25	0.001913	2.10	11.95	7.03	0.44
t.Fiumicello	4.13	Max WS	TR20_1h	20.28	294.46	296.75		296.94	0.001918	1.93	10.51	6.80	0.43
t.Fiumicello	4.12			Lat Struct									
t.Fiumicello	4.11			Lat Struct									
t.Fiumicello	4	Max WS	TR200_1H	24.51	294.16	296.67		297.25	0.015133	3.38	7.26	4.56	0.85
t.Fiumicello	4	Max WS	TR30_1h	21.96	294.16	296.52		297.08	0.015144	3.32	6.62	4.24	0.85
t.Fiumicello	4	Max WS	TR100_1h	24.51	294.16	296.67		297.25	0.015133	3.38	7.26	4.56	0.85
t.Fiumicello	4	Max WS	TR500_1h	25.08	294.16	296.70		297.28	0.015101	3.39	7.41	4.63	0.85
t.Fiumicello	4	Max WS	TR20_1h	20.28	294.16	296.42		296.97	0.015192	3.26	6.22	4.13	0.85
t.Fiumicello	3.5	Max WS	TR200_1H	24.51	294.18	296.79	295.93	297.04	0.004553	2.25	10.90	5.10	0.49
t.Fiumicello	3.5	Max WS	TR30_1h	21.95	294.18	296.64	295.83	296.88	0.004396	2.16	10.17	5.06	0.49
t.Fiumicello	3.5	Max WS	TR100_1h	24.51	294.18	296.79	295.93	297.04	0.004553	2.25	10.90	5.10	0.49
t.Fiumicello	3.5	Max WS	TR500_1h	25.08	294.18	296.82	295.95	297.08	0.004587	2.27	11.06	5.10	0.49
t.Fiumicello	3.5	Max WS	TR20_1h	20.26	294.18	296.54	295.76	296.77	0.004282	2.09	9.67	5.02	0.48
t.Fiumicello	3.4			Inl Struct									
t.Fiumicello	3	Max WS	TR200_1H	24.50	292.56	294.63		295.15	0.012352	3.21	7.63	4.28	0.77
t.Fiumicello	3	Max WS	TR30_1h	21.89	292.56	294.59		295.03	0.010407	2.93	7.48	4.27	0.71
t.Fiumicello	3	Max WS	TR100_1h	24.50	292.56	294.63		295.15	0.012352	3.21	7.63	4.28	0.77
t.Fiumicello	3	Max WS	TR500_1h	25.08	292.56	294.64		295.18	0.012777	3.27	7.67	4.28	0.78
t.Fiumicello	3	Max WS	TR20_1h	20.20	292.56	294.57		294.95	0.009250	2.74	7.37	4.26	0.67
t.Fiumicello	2.99			Lat Struct									
t.Fiumicello	2.9			Lat Struct									
t.Fiumicello	2.1	Max WS	TR200_1H	24.50	293.15	294.91	294.31	295.06	0.002865	1.73	14.16	10.71	0.48
t.Fiumicello	2.1	Max WS	TR30_1h	21.95	293.15	294.82	294.24	294.96	0.002819	1.67	13.17	10.45	0.47
t.Fiumicello	2.1	Max WS	TR100_1h	24.50	293.15	294.91	294.31	295.06	0.002865	1.73	14.16	10.71	0.48
t.Fiumicello	2.1	Max WS	TR500_1h	25.08	293.15	294.93	294.32	295.09	0.002876	1.74	14.37	10.77	0.48
t.Fiumicello	2.1	Max WS	TR20_1h	20.26	293.15	294.75	294.19	294.89	0.002783	1.62	12.50	10.26	0.47
t.Fiumicello	2.05			Inl Struct									
t.Fiumicello	2	Max WS	TR200_1H	24.51	291.59	293.58		293.90	0.007066	2.48	9.88	7.54	0.69
t.Fiumicello	2	Max WS	TR30_1h	21.96	291.59	293.51		293.79	0.006682	2.36	9.30	7.35	0.67
t.Fiumicello	2	Max WS	TR100_1h	24.51	291.59	293.58		293.90	0.007066	2.48	9.88	7.54	0.69
t.Fiumicello	2	Max WS	TR500_1h	25.08	291.59	293.60		293.92	0.007146	2.51	10.01	7.59	0.70

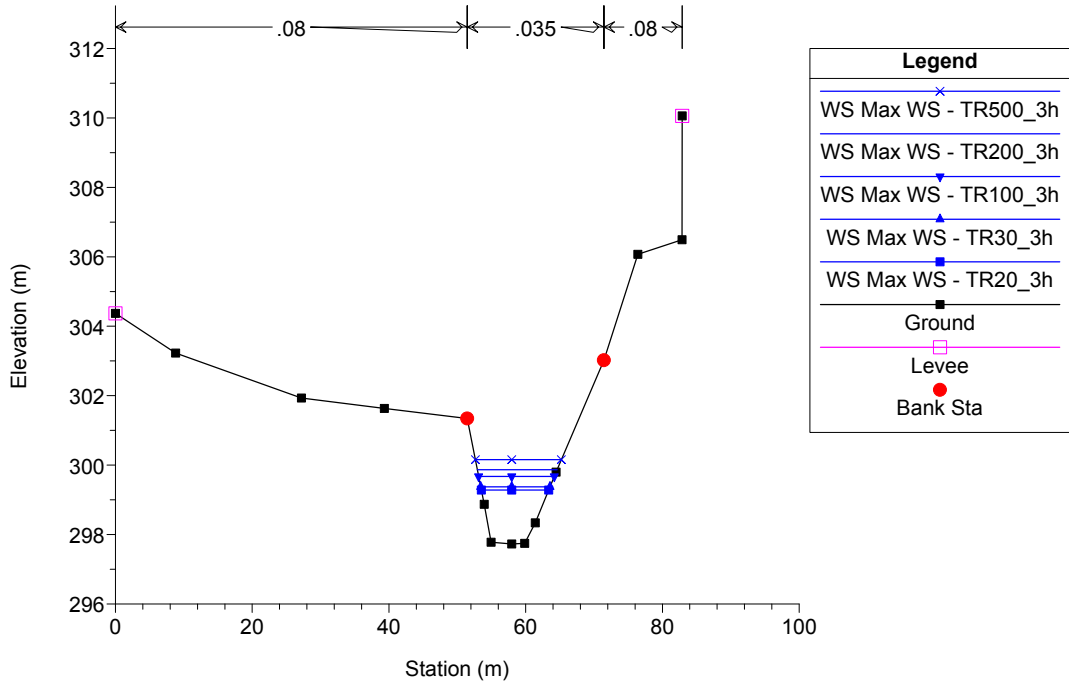
Reach	River Sta	Profile	Plan	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
t.Fiumicello	2	Max WS	TR20_1h	20.27	291.59	293.46		293.72	0.006342	2.27	8.93	7.17	0.65
t.Fiumicello	1.99												
t.Fiumicello	1.98												
t.Fiumicello	1.4	Max WS	TR200_1H	24.50	291.10	293.40		293.59	0.003467	1.99	14.30	15.31	0.50
t.Fiumicello	1.4	Max WS	TR30_1h	21.95	291.10	293.35		293.51	0.003198	1.88	13.48	15.26	0.48
t.Fiumicello	1.4	Max WS	TR100_1h	24.50	291.10	293.40		293.59	0.003467	1.99	14.30	15.31	0.50
t.Fiumicello	1.4	Max WS	TR500_1h	25.08	291.10	293.41		293.60	0.003523	2.01	14.48	15.31	0.51
t.Fiumicello	1.4	Max WS	TR20_1h	20.23	291.10	293.31		293.46	0.003012	1.80	12.88	15.23	0.47
t.Fiumicello	1.3	Max WS	TR200_1H	24.50	291.13	293.51	292.18	293.56	0.000639	1.03	25.90	21.83	0.23
t.Fiumicello	1.3	Max WS	TR30_1h	21.95	291.13	293.44	292.11	293.49	0.000581	0.96	24.53	21.83	0.22
t.Fiumicello	1.3	Max WS	TR100_1h	24.50	291.13	293.51	292.18	293.56	0.000639	1.03	25.90	21.83	0.23
t.Fiumicello	1.3	Max WS	TR500_1h	25.08	291.13	293.52	292.19	293.57	0.000652	1.05	26.20	21.83	0.24
t.Fiumicello	1.3	Max WS	TR20_1h	20.25	291.13	293.40	292.06	293.44	0.000540	0.92	23.55	21.83	0.21
t.Fiumicello	1.25												
t.Fiumicello	1.2	Max WS	TR200_1H	24.50	291.63	293.09		293.31	0.004448	2.07	12.60	15.49	0.56
t.Fiumicello	1.2	Max WS	TR30_1h	21.95	291.63	293.01		293.21	0.004513	2.00	11.26	13.73	0.56
t.Fiumicello	1.2	Max WS	TR100_1h	24.50	291.63	293.09		293.31	0.004448	2.07	12.60	15.49	0.56
t.Fiumicello	1.2	Max WS	TR500_1h	25.08	291.63	293.12		293.33	0.004397	2.07	12.94	15.50	0.56
t.Fiumicello	1.2	Max WS	TR20_1h	20.23	291.63	292.95		293.14	0.004445	1.94	10.55	11.05	0.56
t.Fiumicello	1.1	Max WS	TR200_1H	24.50	291.30	293.05	292.72	293.31	0.005580	2.27	11.34	15.44	0.64
t.Fiumicello	1.1	Max WS	TR30_1h	21.95	291.30	292.96	292.64	293.21	0.005716	2.20	10.11	11.62	0.64
t.Fiumicello	1.1	Max WS	TR100_1h	24.50	291.30	293.05	292.72	293.31	0.005580	2.27	11.34	15.44	0.64
t.Fiumicello	1.1	Max WS	TR500_1h	25.08	291.30	293.07	292.73	293.33	0.005512	2.28	11.66	15.44	0.64
t.Fiumicello	1.1	Max WS	TR20_1h	20.23	291.30	292.91	292.59	293.14	0.005646	2.13	9.54	9.84	0.64
t.Fiumicello	1.05												
t.Fiumicello	1	Max WS	TR200_1H	10.09	289.59	291.57		291.61	0.000890	0.93	10.84	8.14	0.26
t.Fiumicello	1	Max WS	TR30_1h	21.94	289.59	290.91	291.09	291.63	0.025584	3.77	5.82	7.06	1.33
t.Fiumicello	1	Max WS	TR100_1h	10.11	289.59	291.57		291.61	0.000893	0.93	10.84	8.14	0.26
t.Fiumicello	1	Max WS	TR500_1h	10.29	289.59	292.00		292.03	0.000407	0.71	14.50	8.85	0.18
t.Fiumicello	1	Max WS	TR20_1h	20.27	289.59	290.86	291.03	291.56	0.025988	3.69	5.49	6.99	1.33
t.Fiumicello	0.5	Max WS	TR200_1H	9.97	288.88	291.58		291.60	0.000243	0.58	17.06	9.31	0.14
t.Fiumicello	0.5	Max WS	TR30_1h	10.06	288.88	290.72		290.78	0.001232	1.04	9.65	7.90	0.30
t.Fiumicello	0.5	Max WS	TR100_1h	9.97	288.88	291.58		291.60	0.000243	0.58	17.06	9.31	0.14
t.Fiumicello	0.5	Max WS	TR500_1h	10.53	288.88	292.01		292.02	0.000150	0.50	21.18	10.01	0.11
t.Fiumicello	0.5	Max WS	TR20_1h	10.06	288.88	290.53		290.61	0.001999	1.23	8.16	7.59	0.38

## **TORRENTE AGLIO**

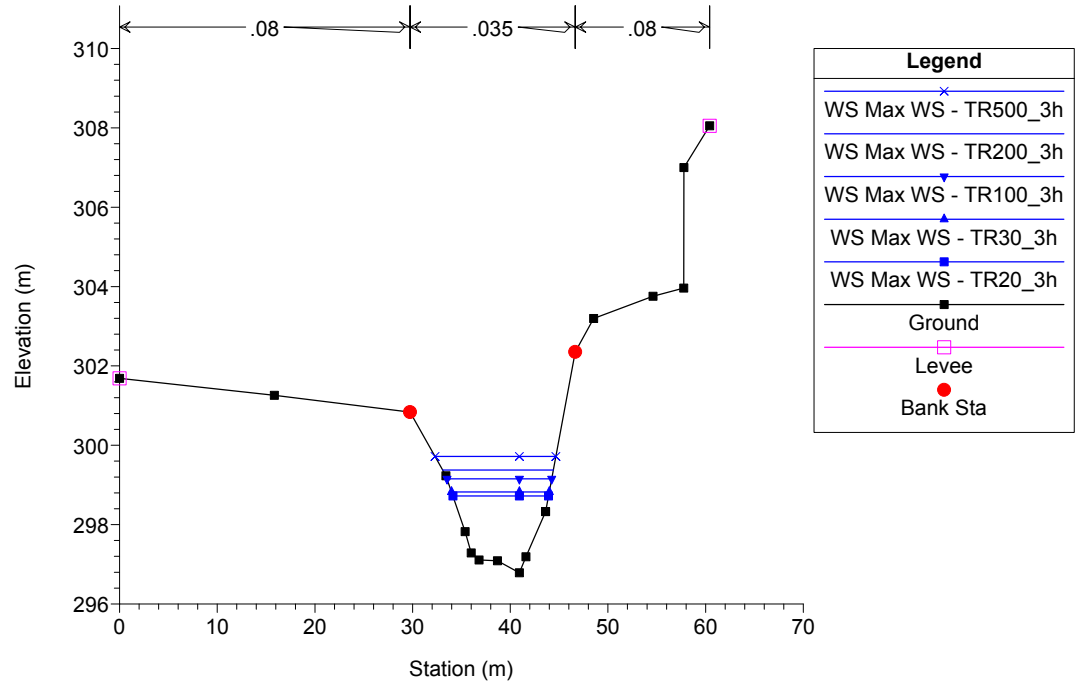




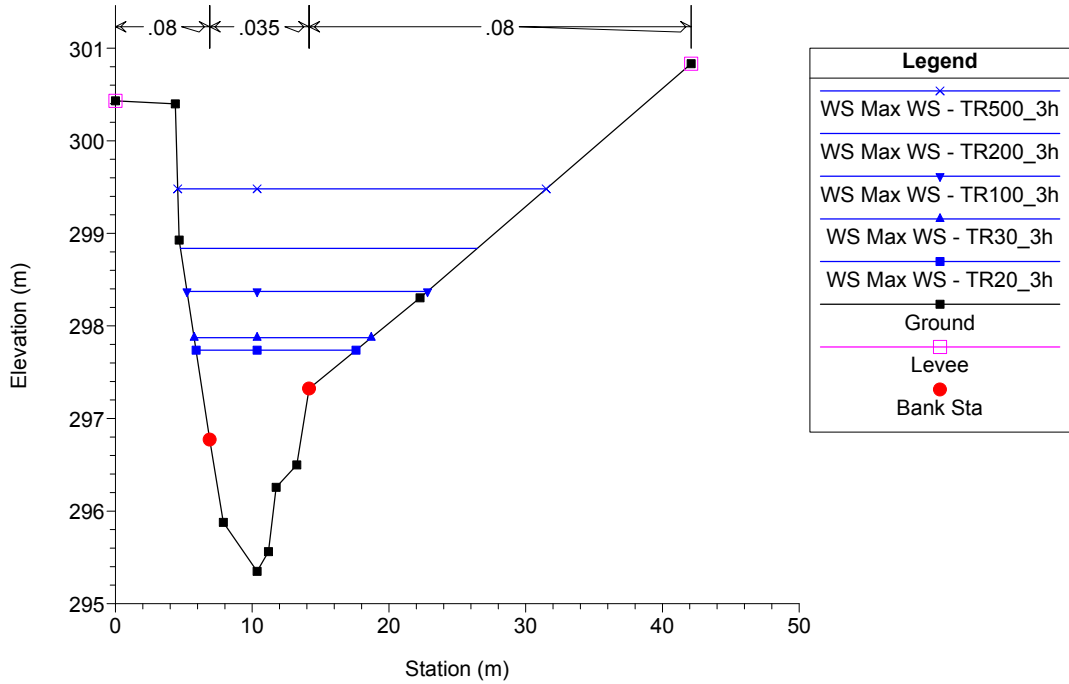
AGL017



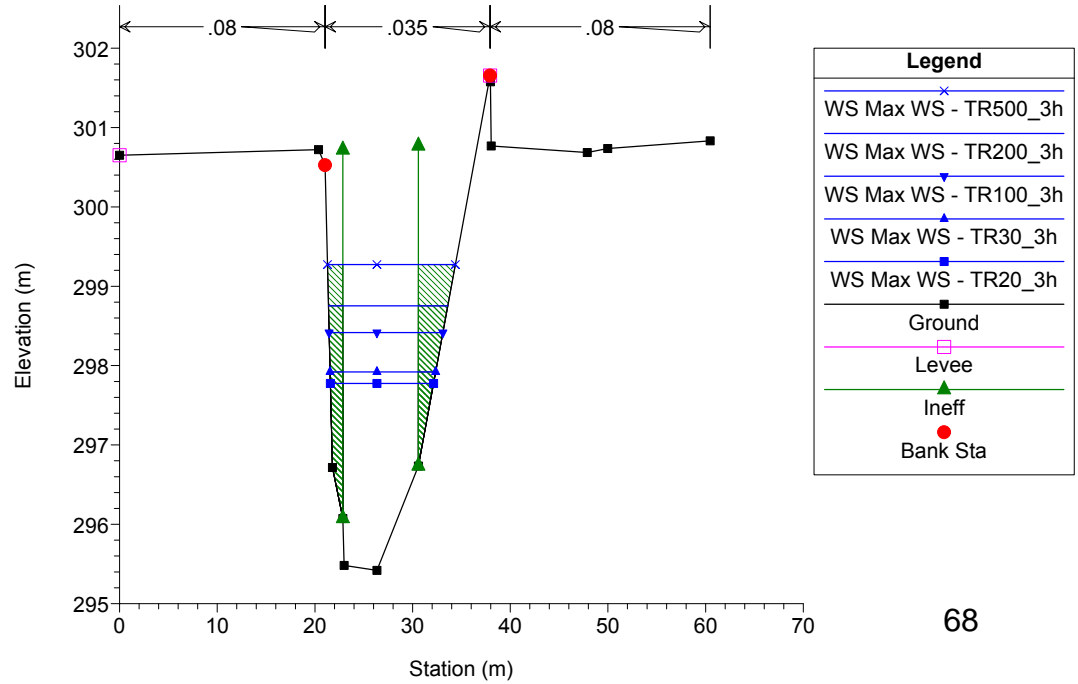
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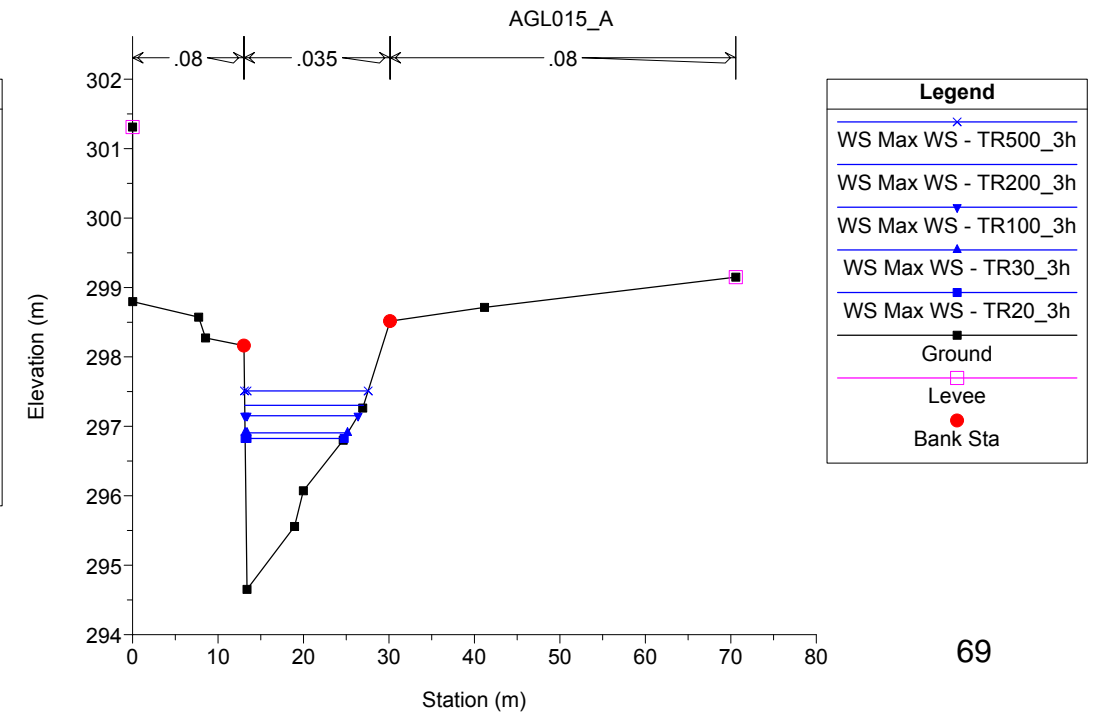
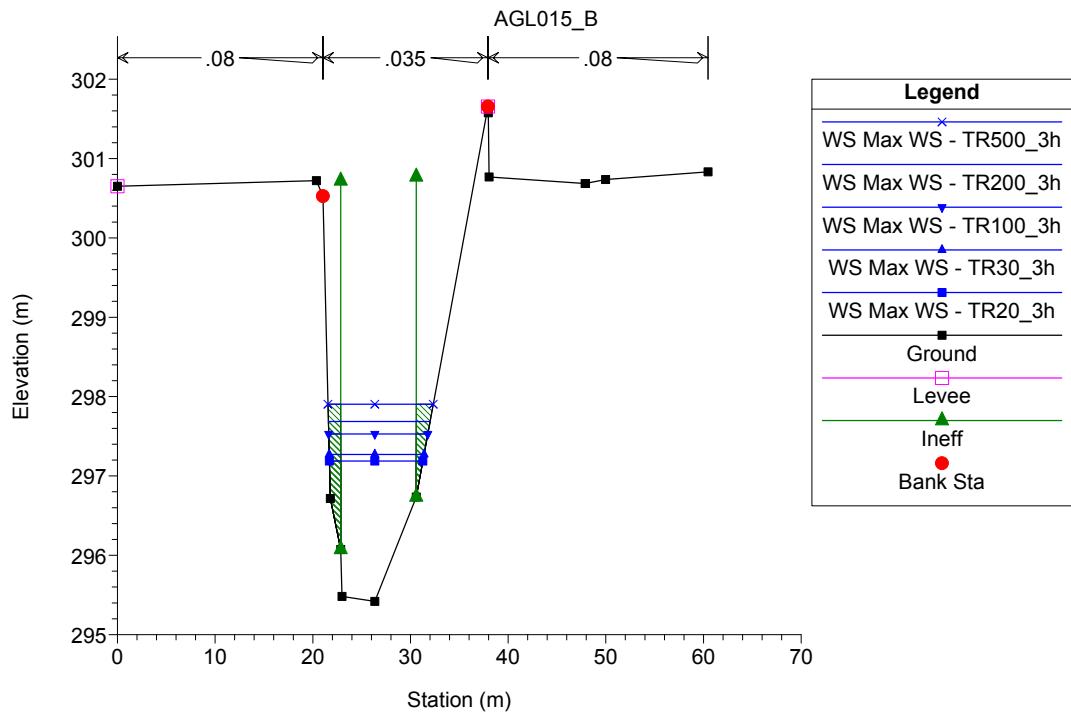
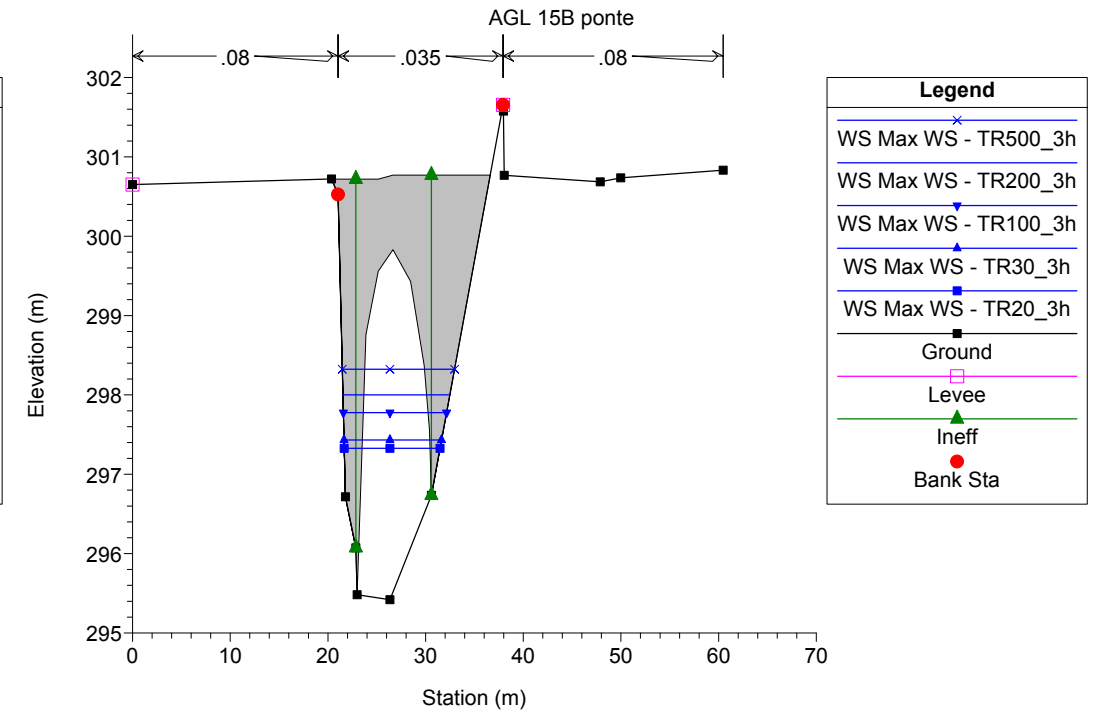
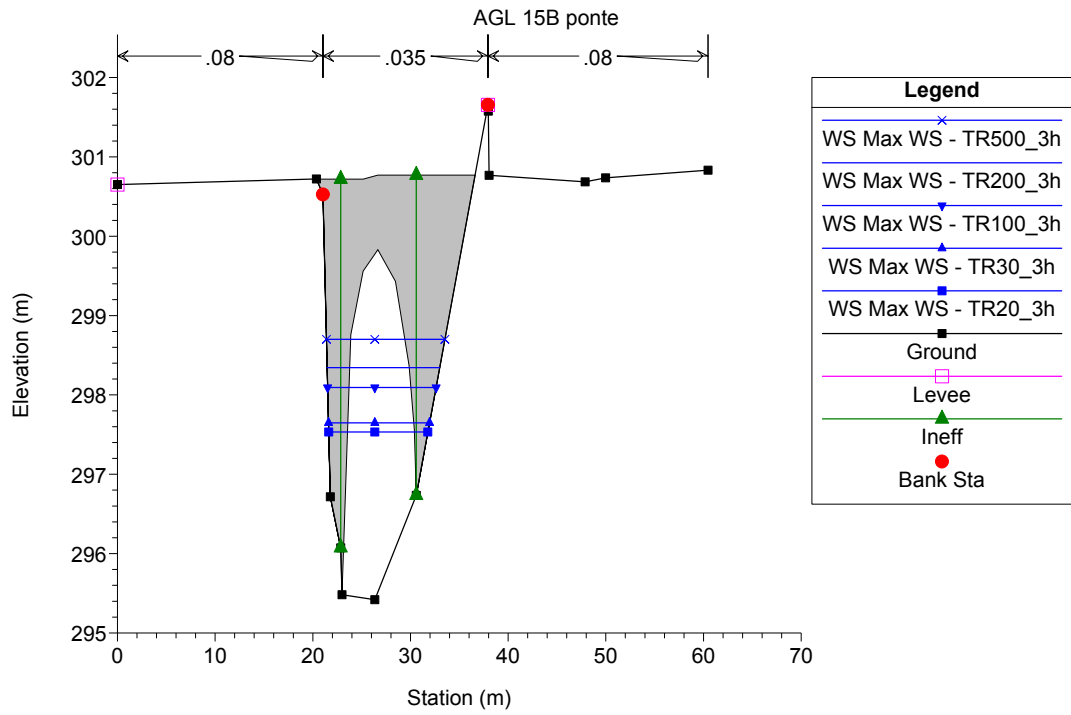


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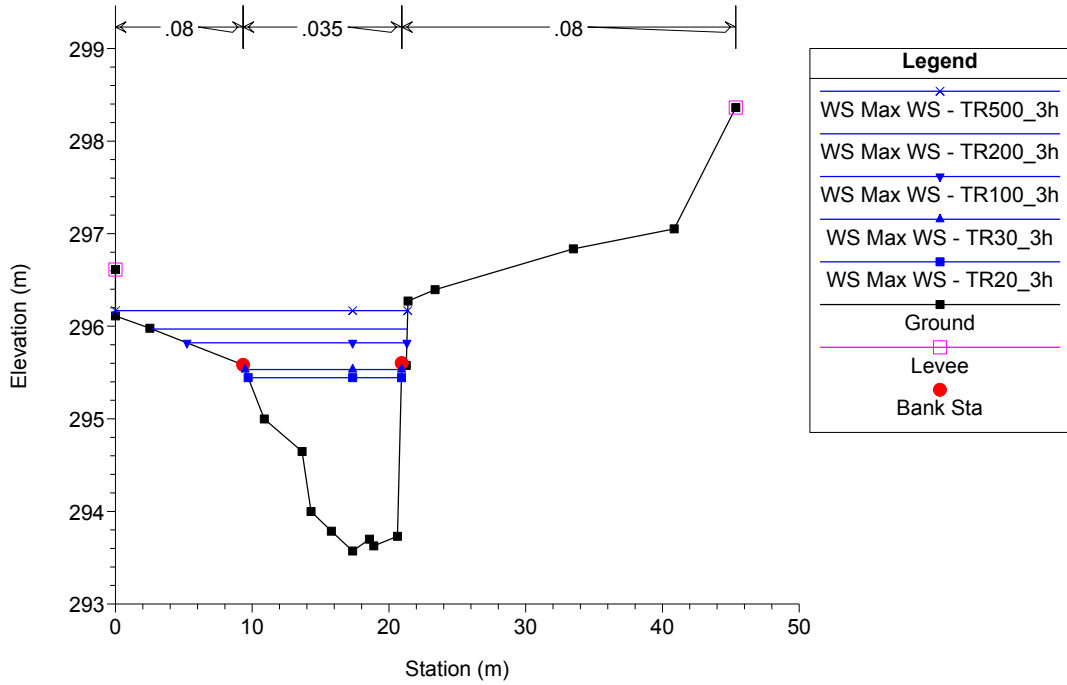


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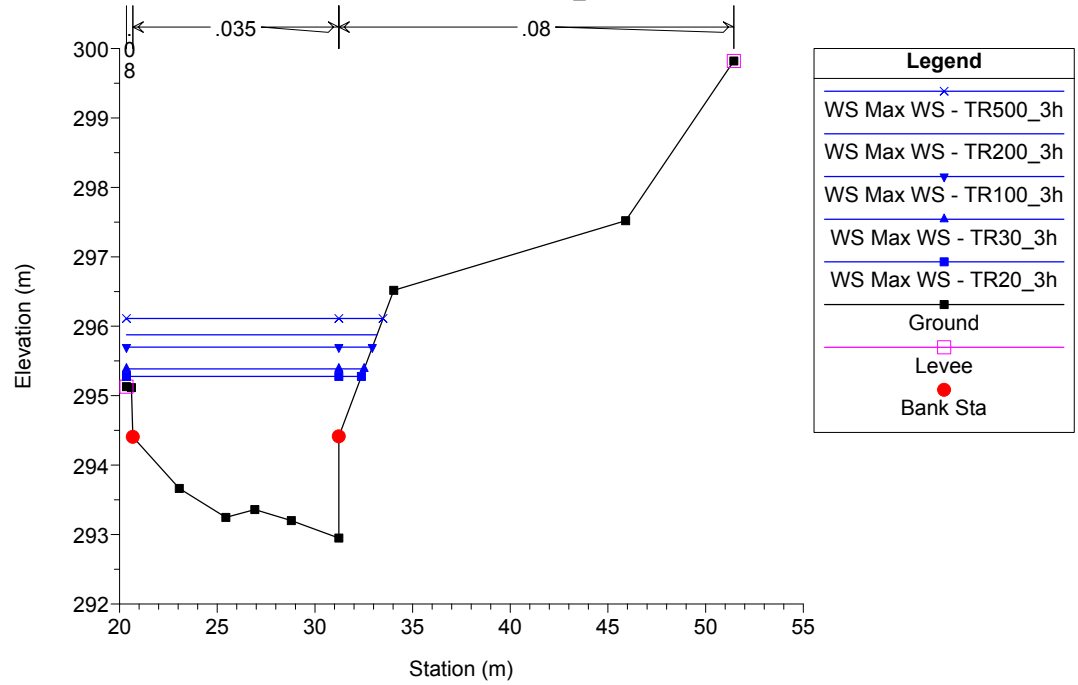




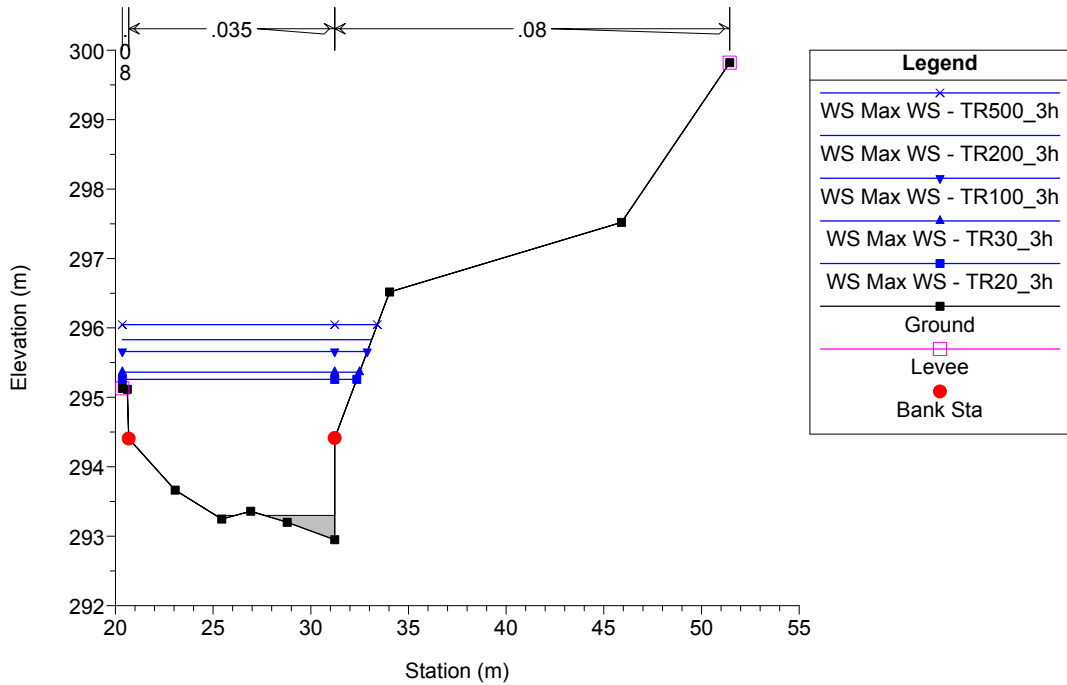
AGL014



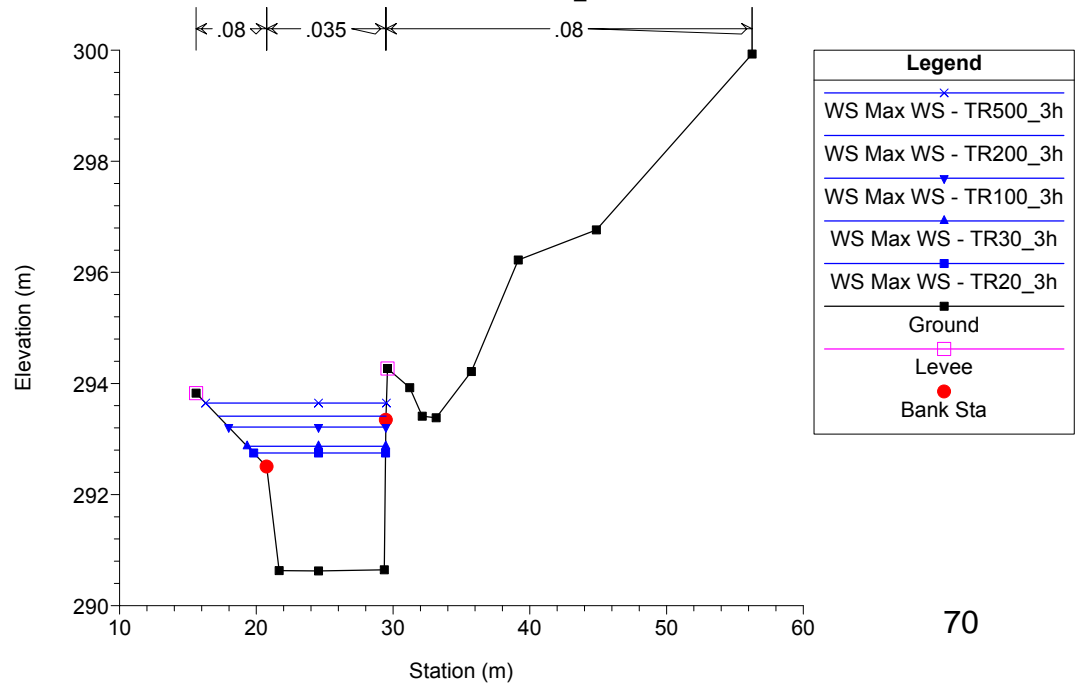
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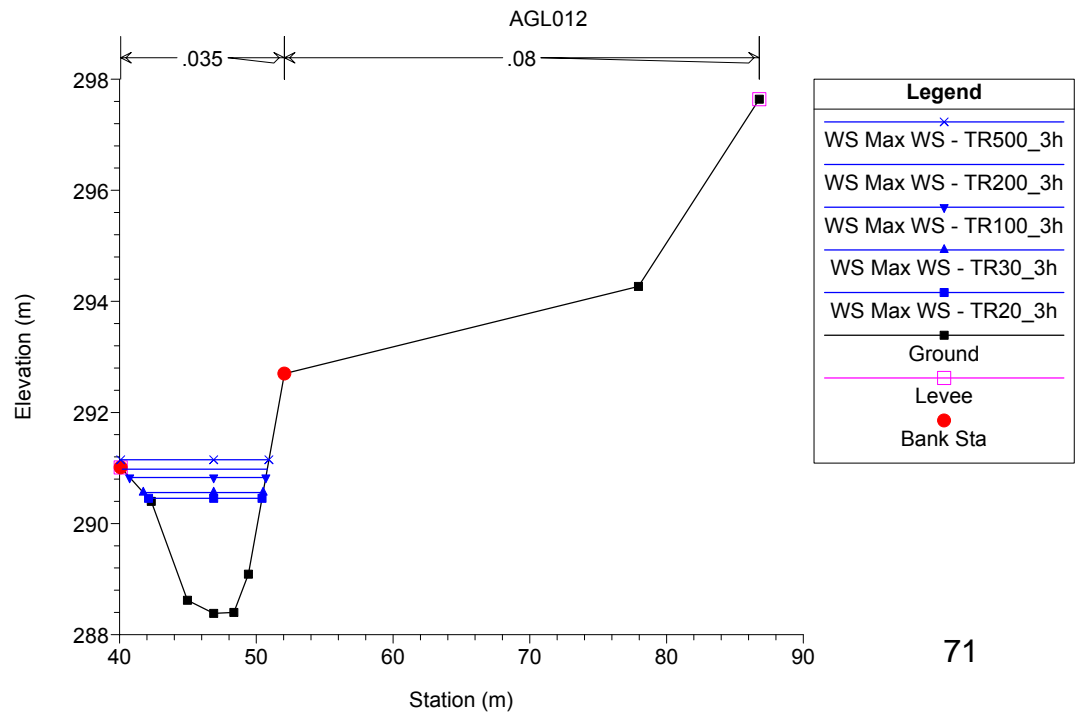
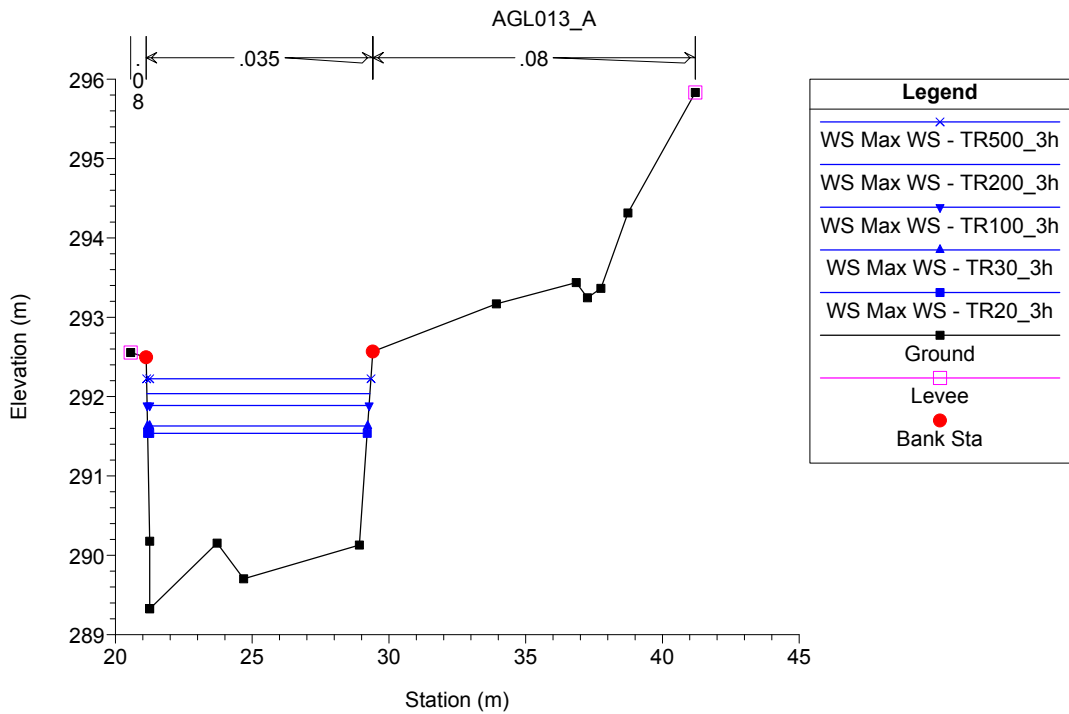
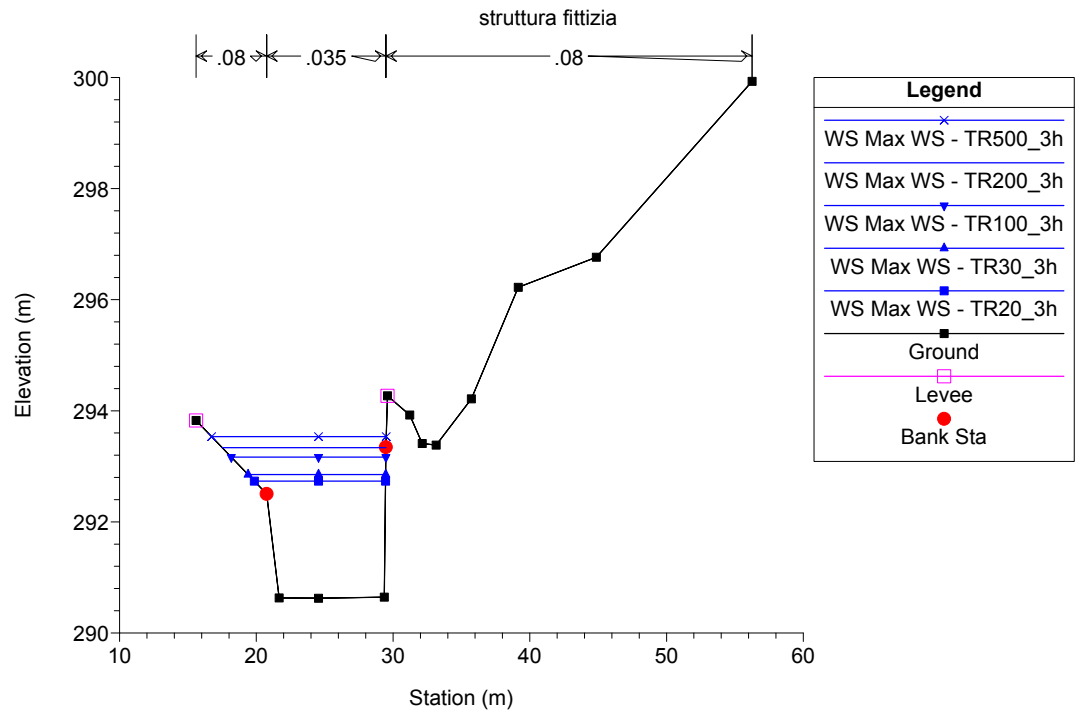
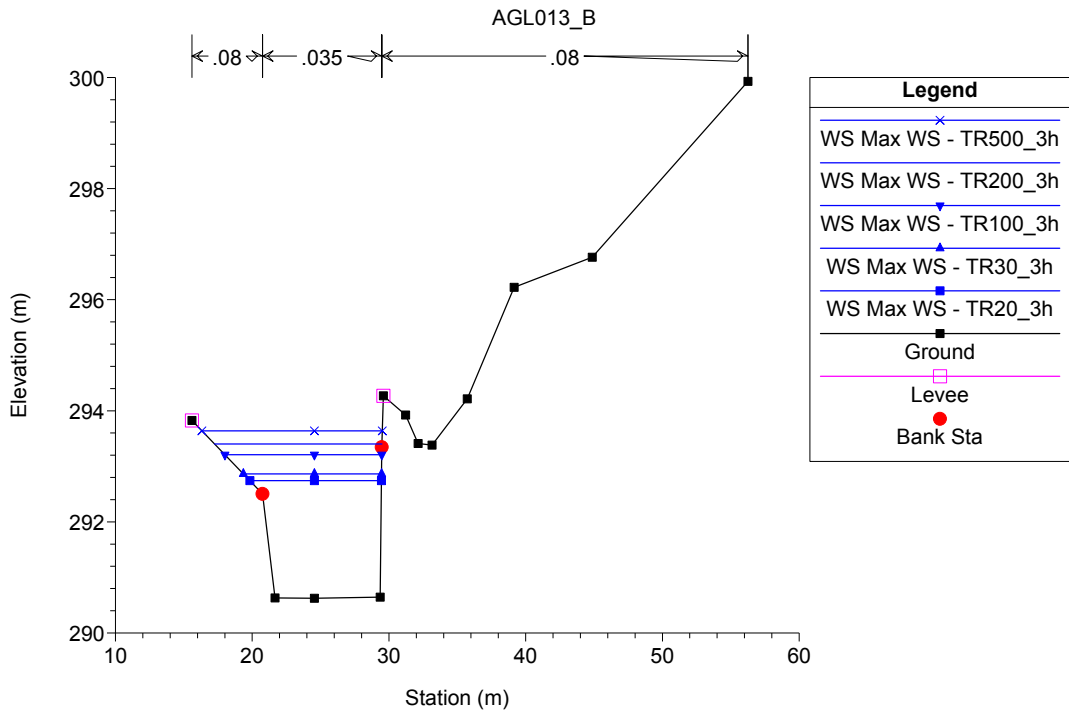
AGL 13C

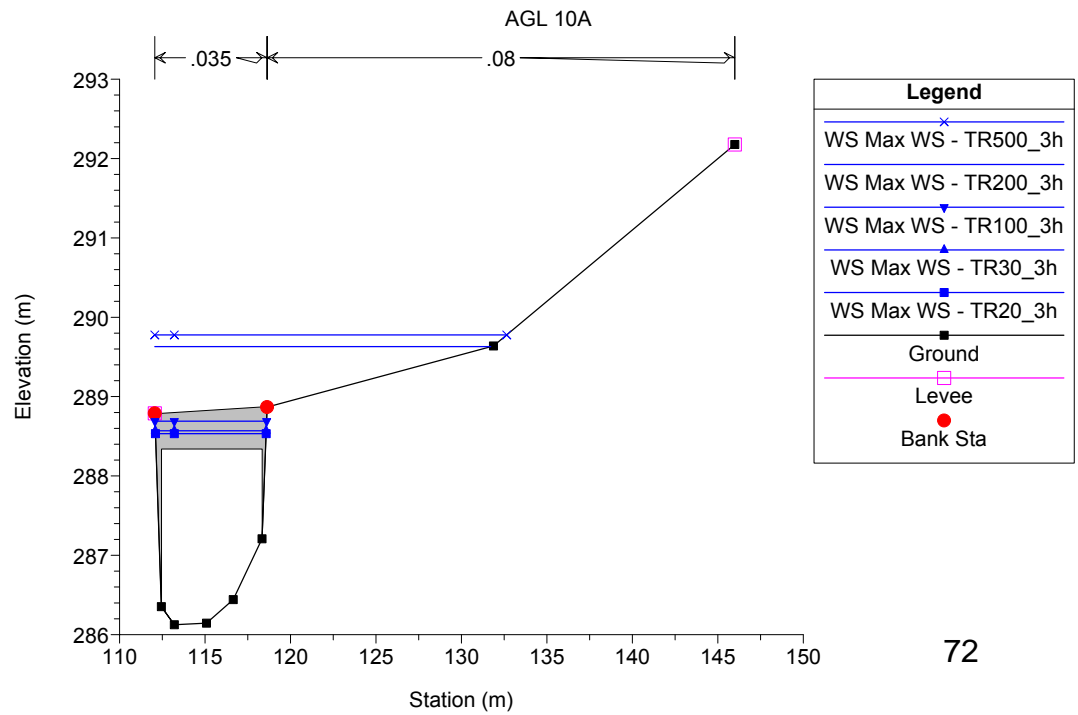
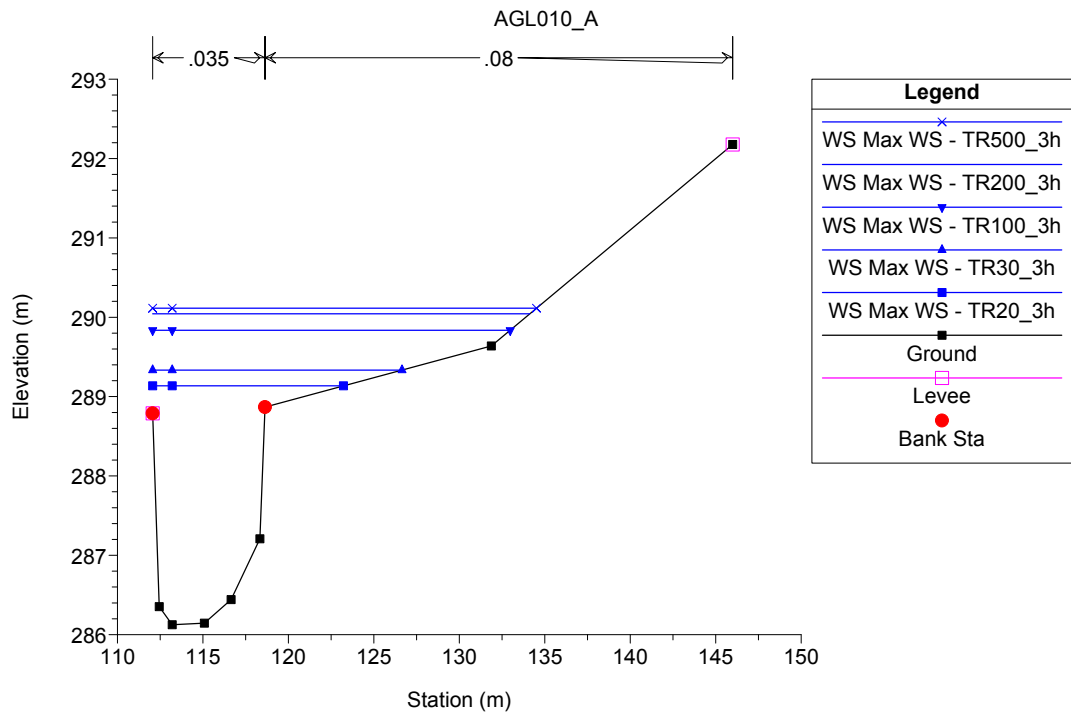
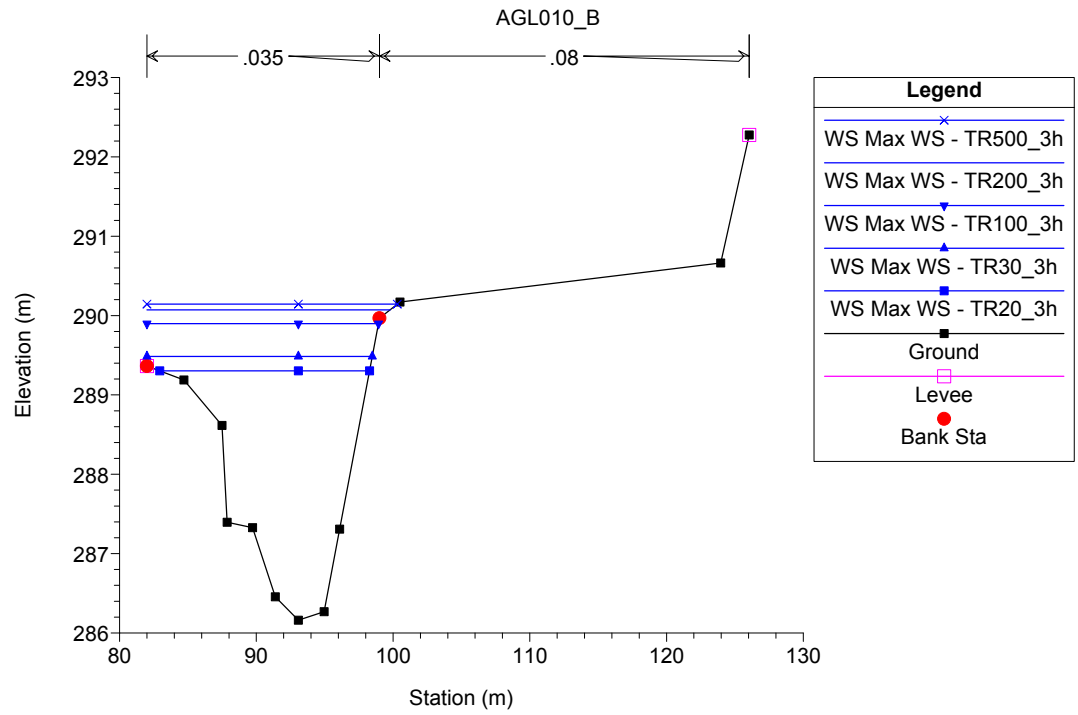
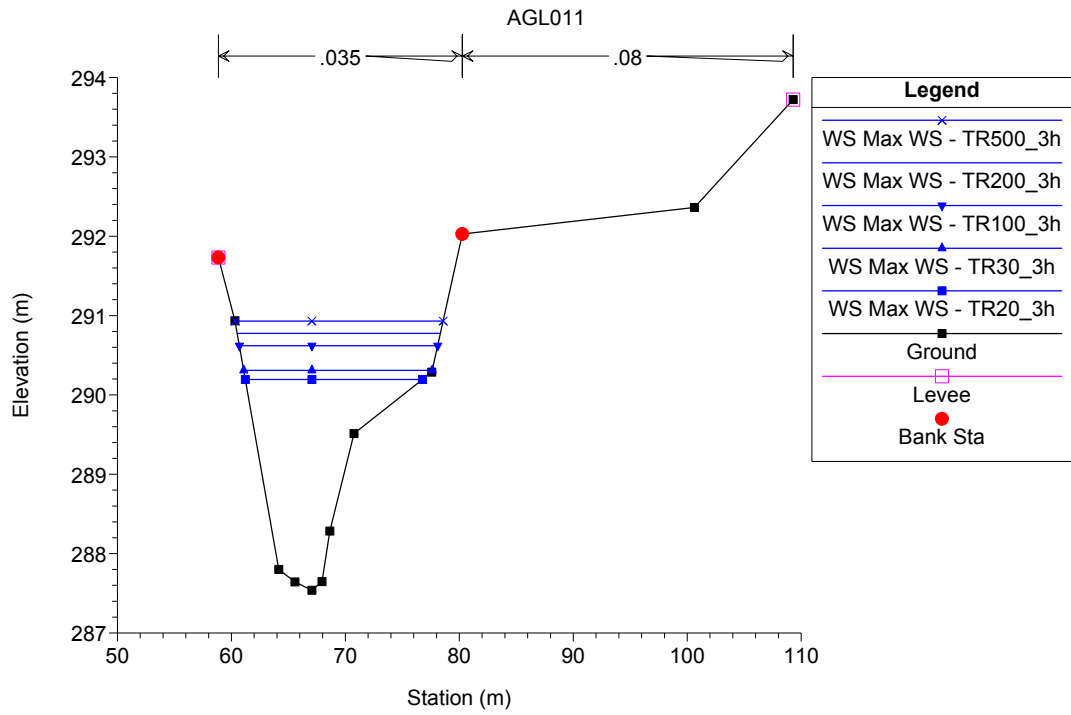


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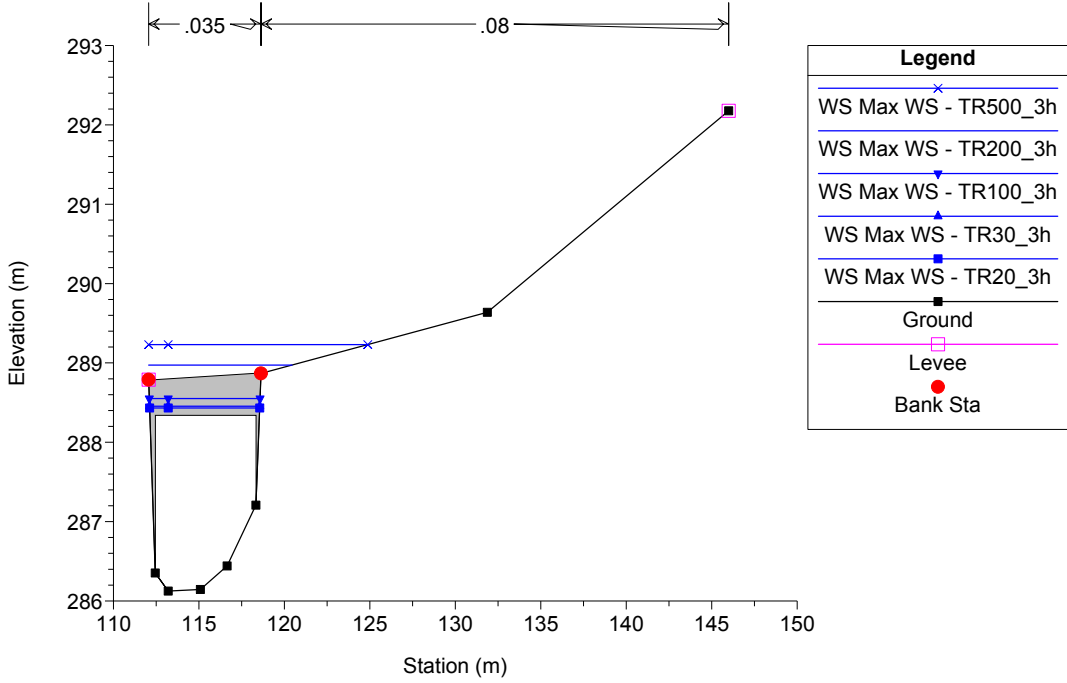




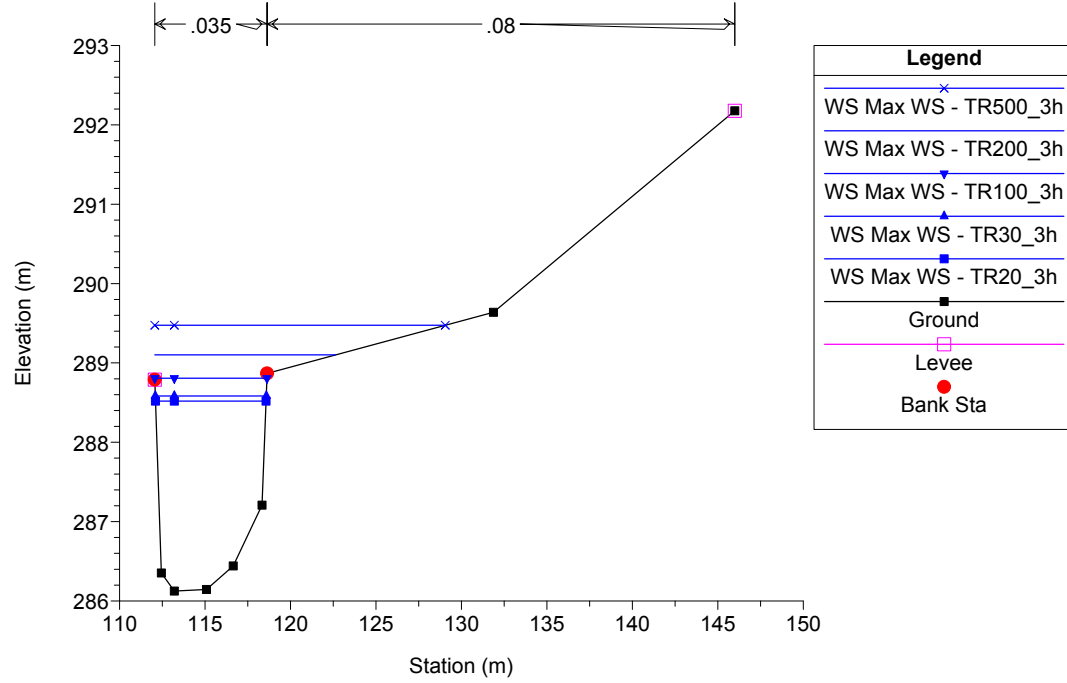




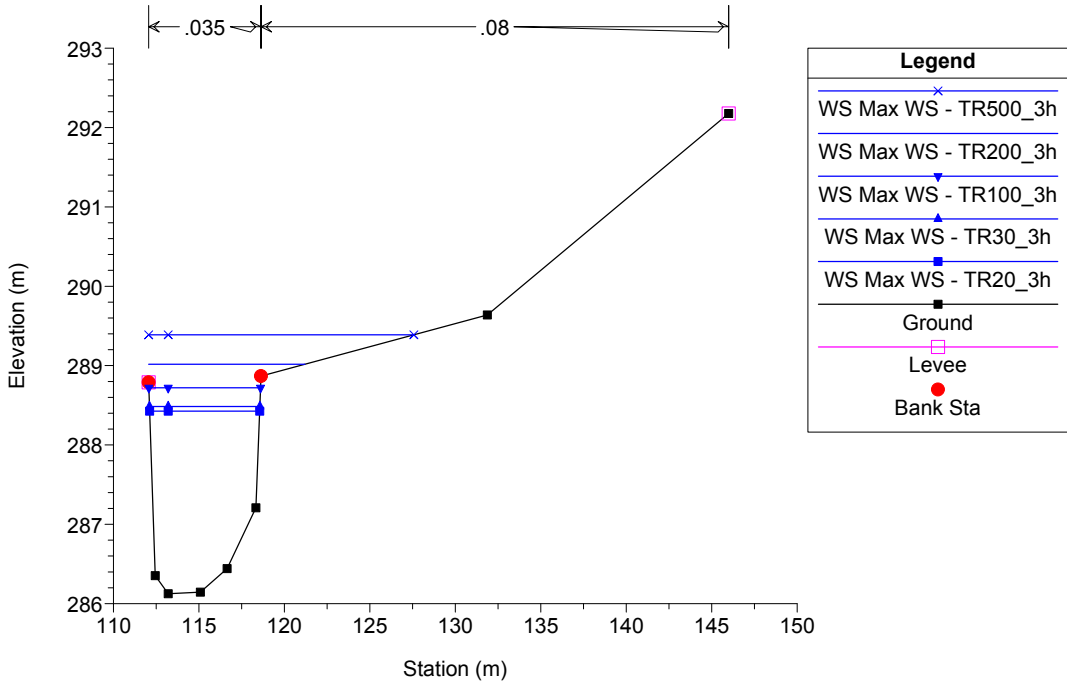
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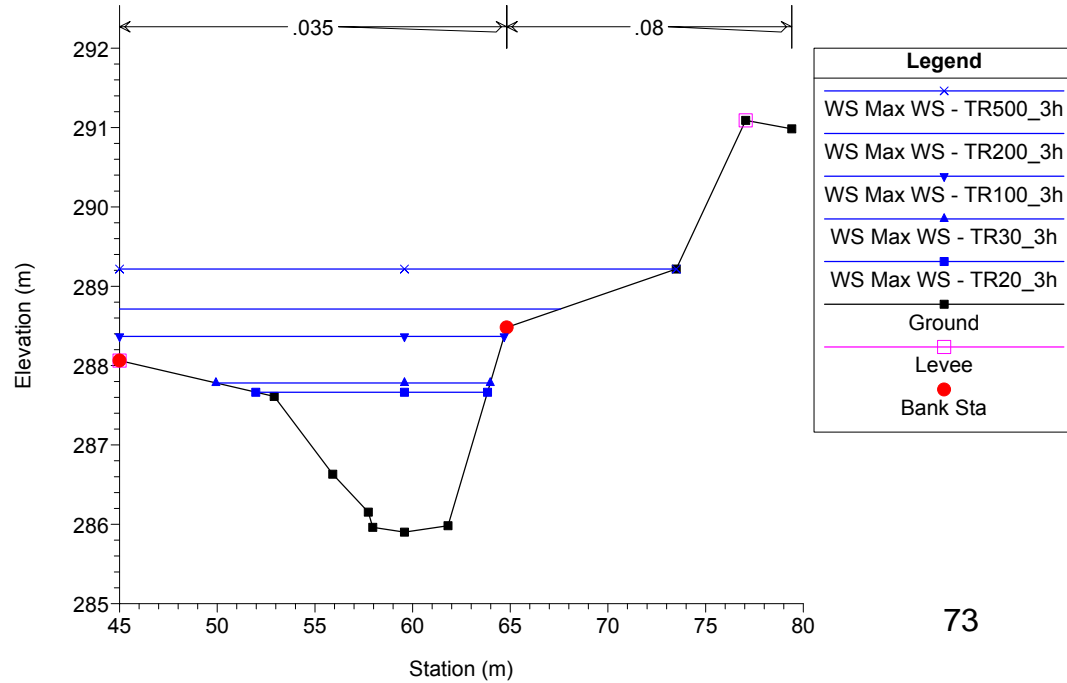
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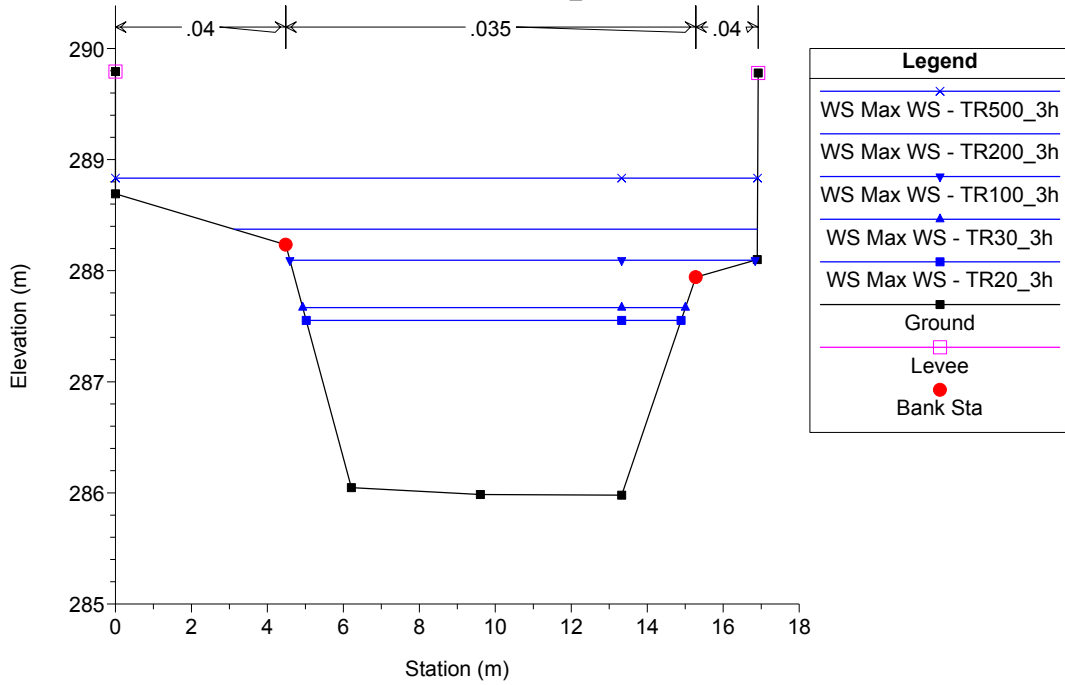
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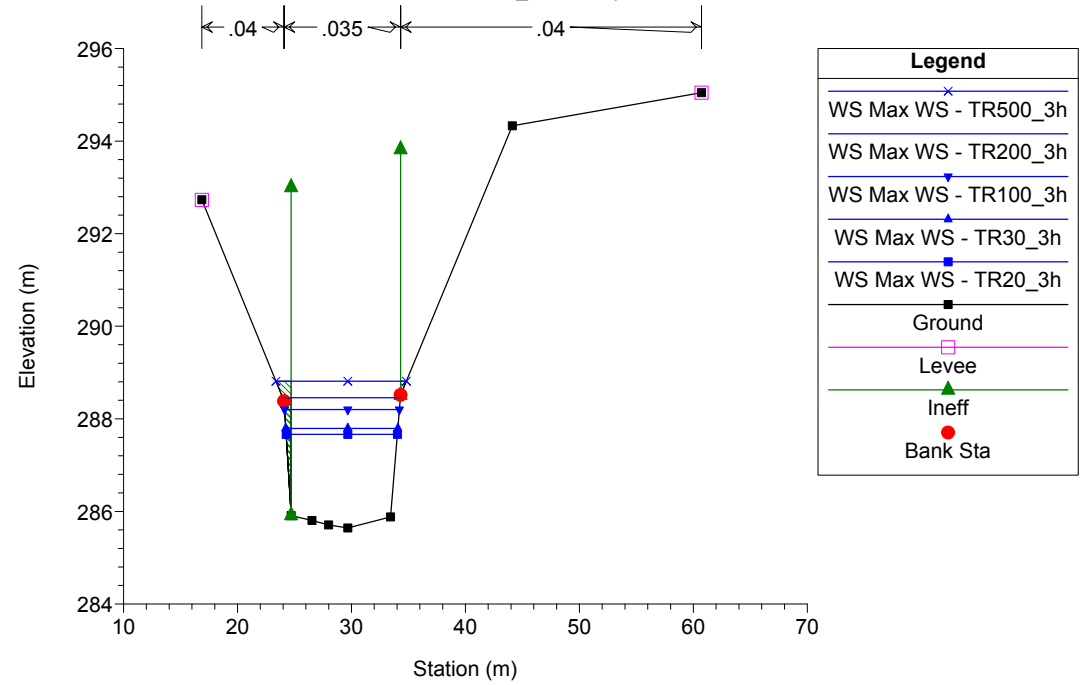
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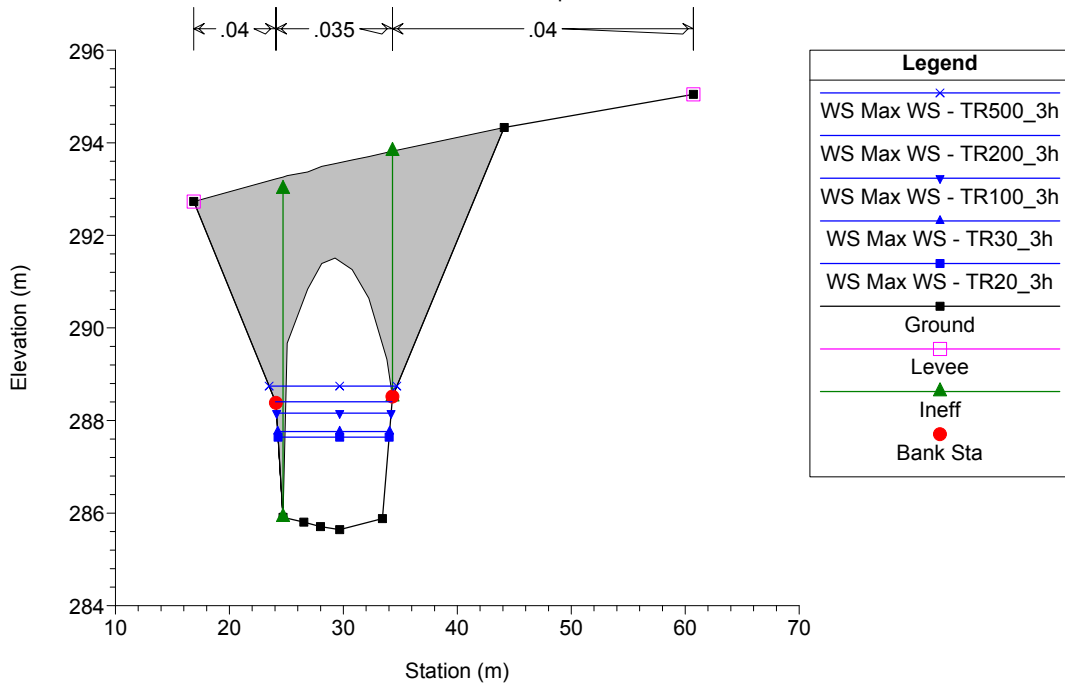
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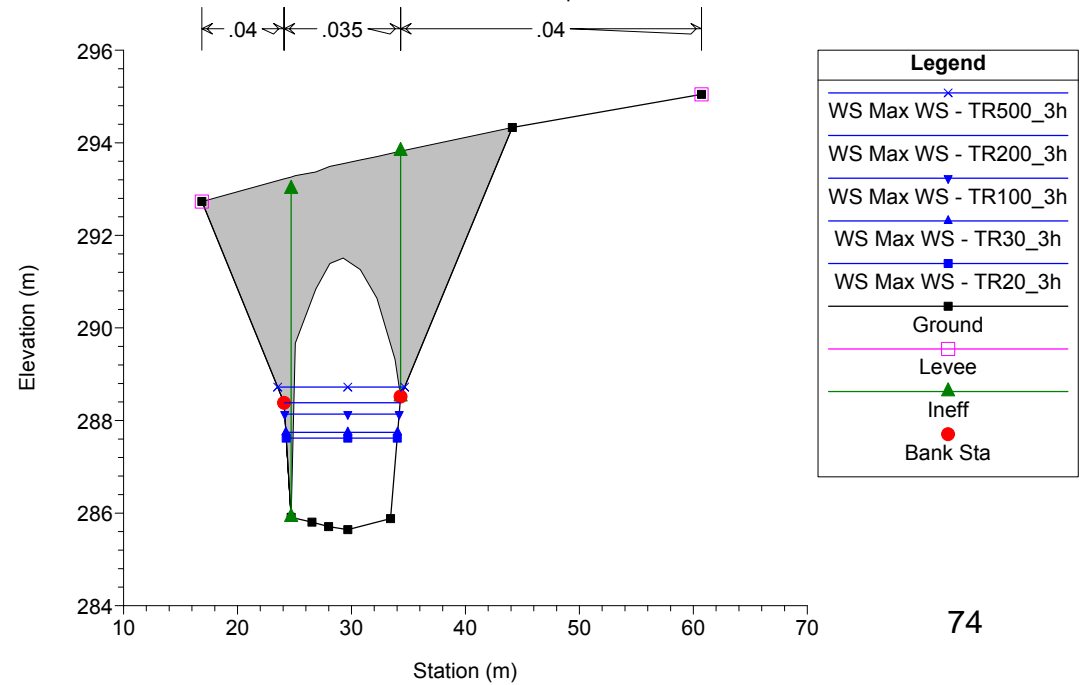
AGL009\_A monte ponte

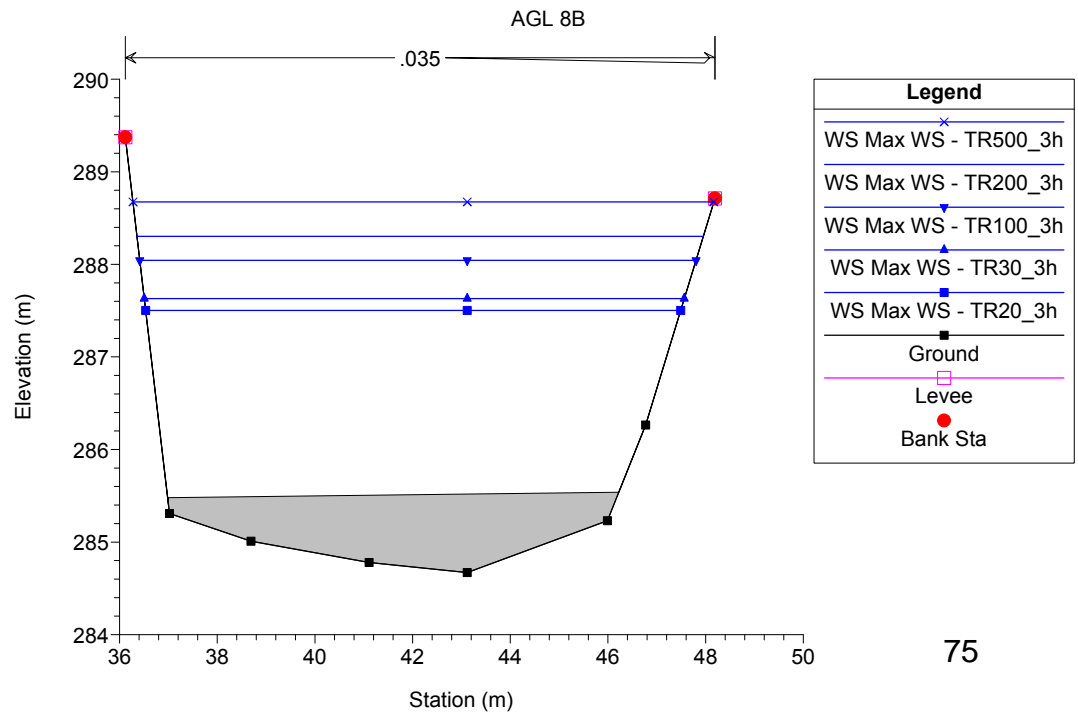
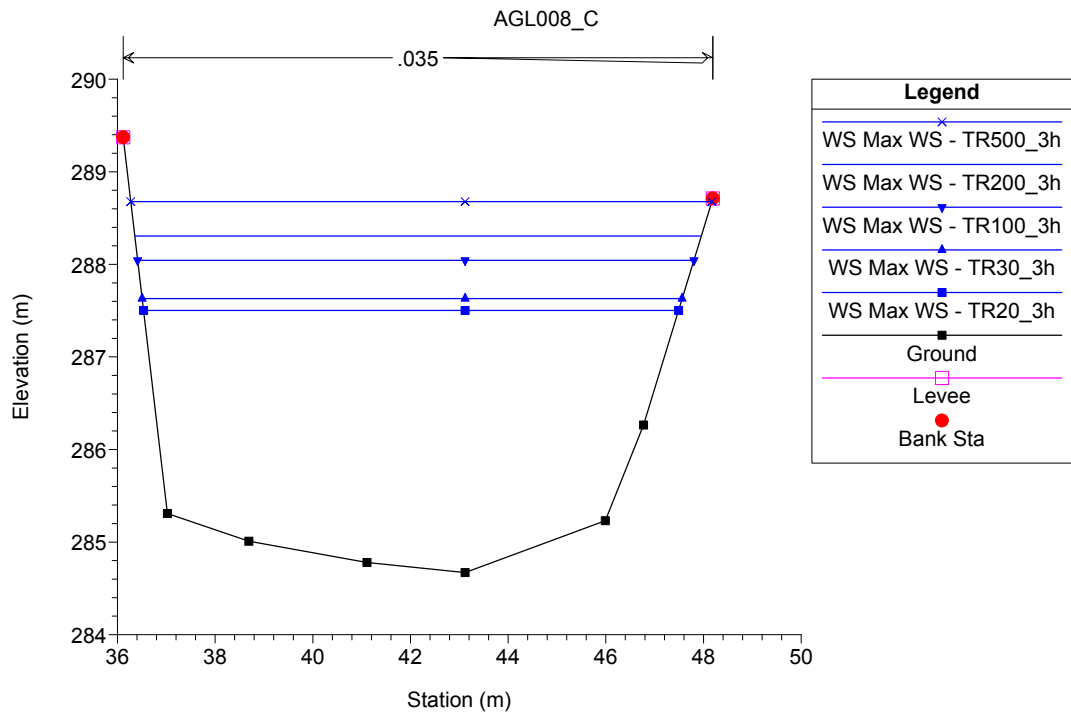
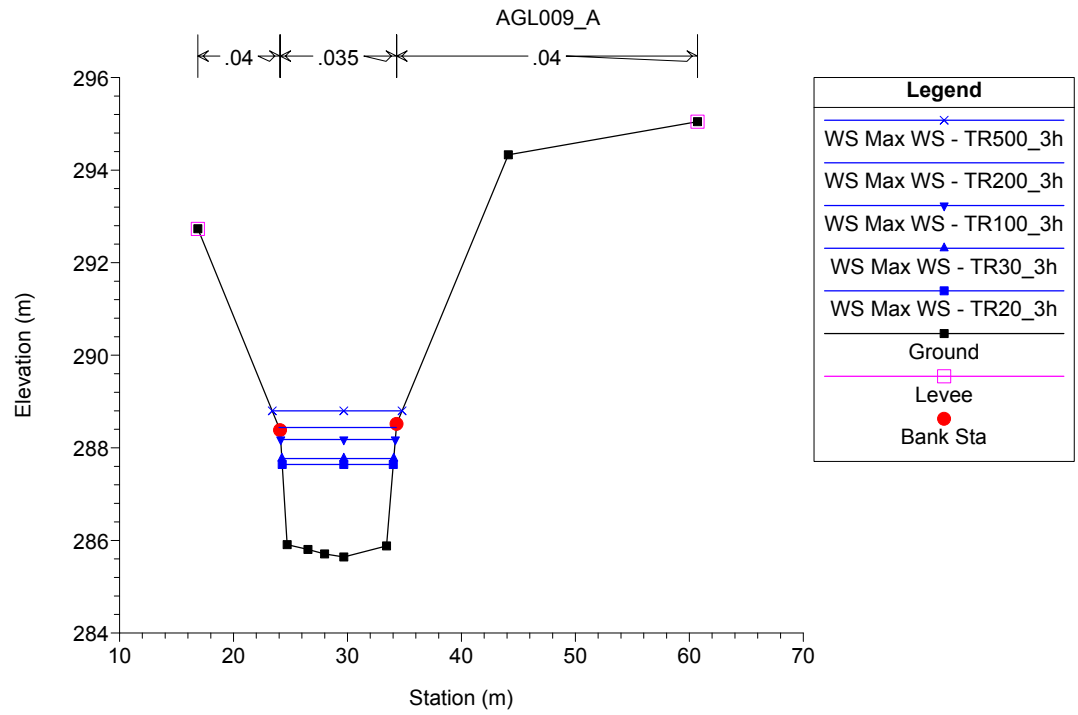
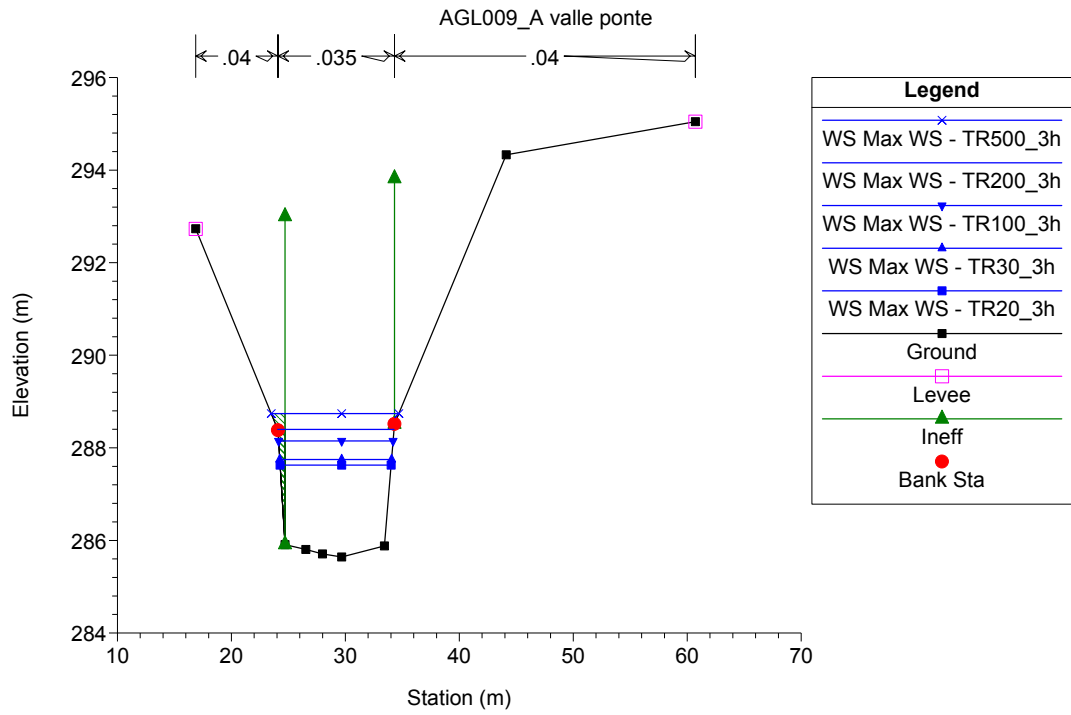


AGL 9A ponte

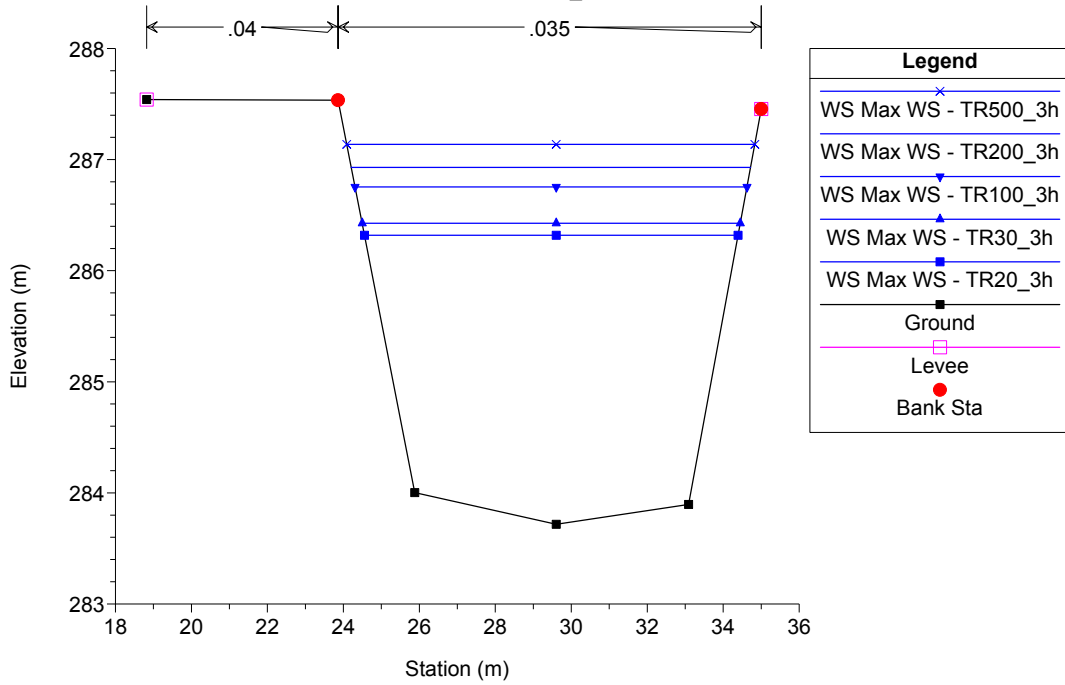


AGL 9A ponte

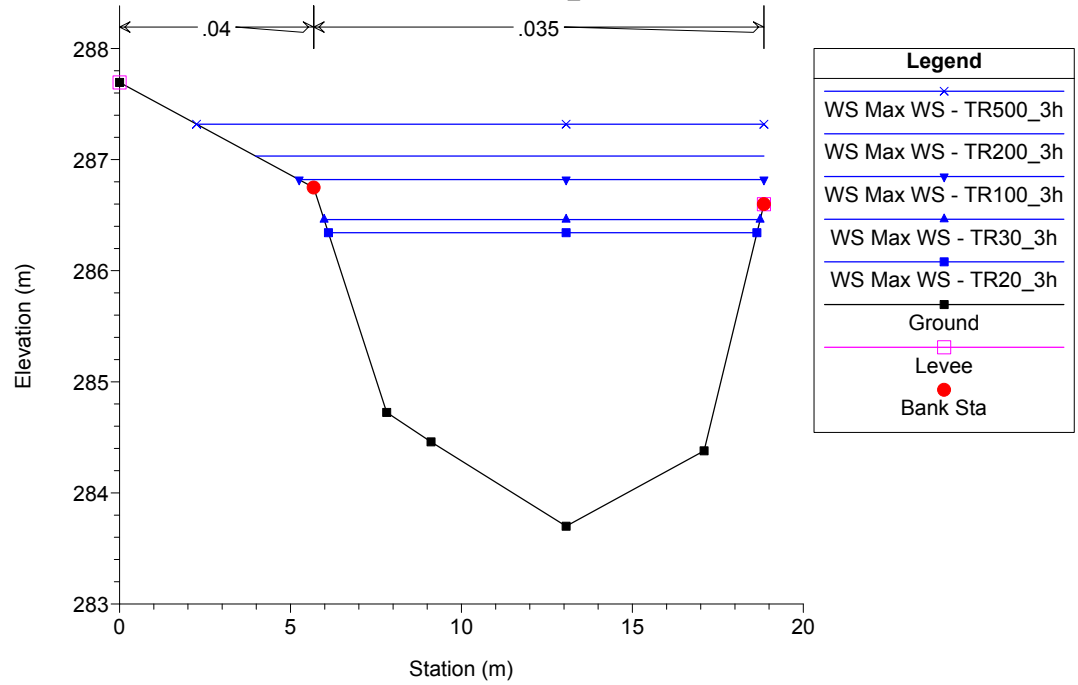




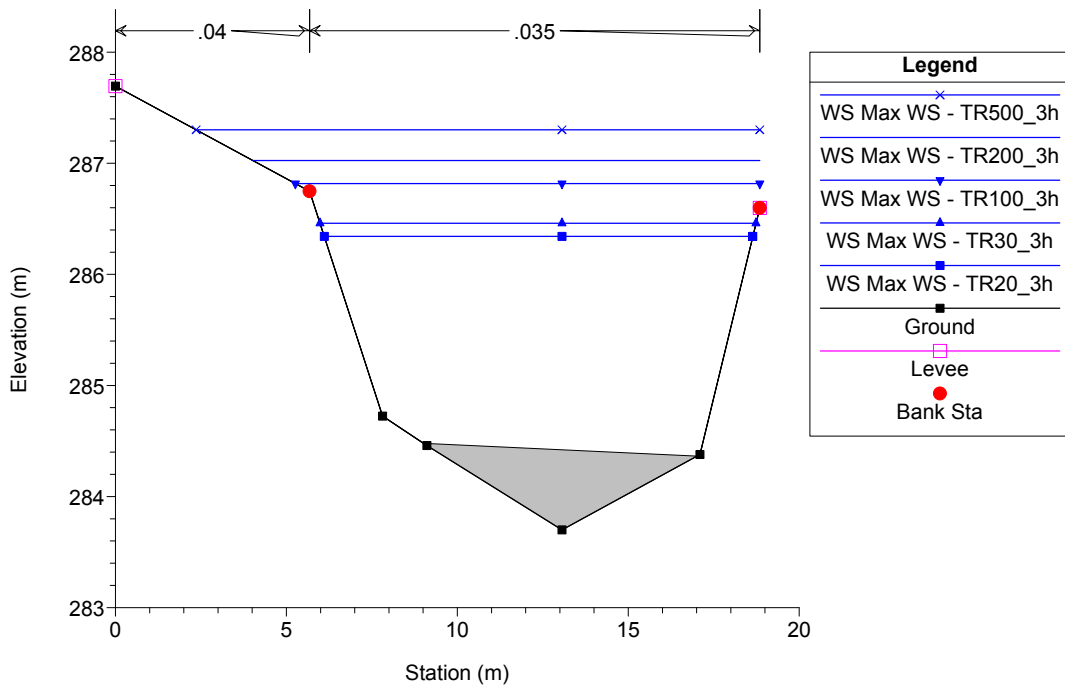
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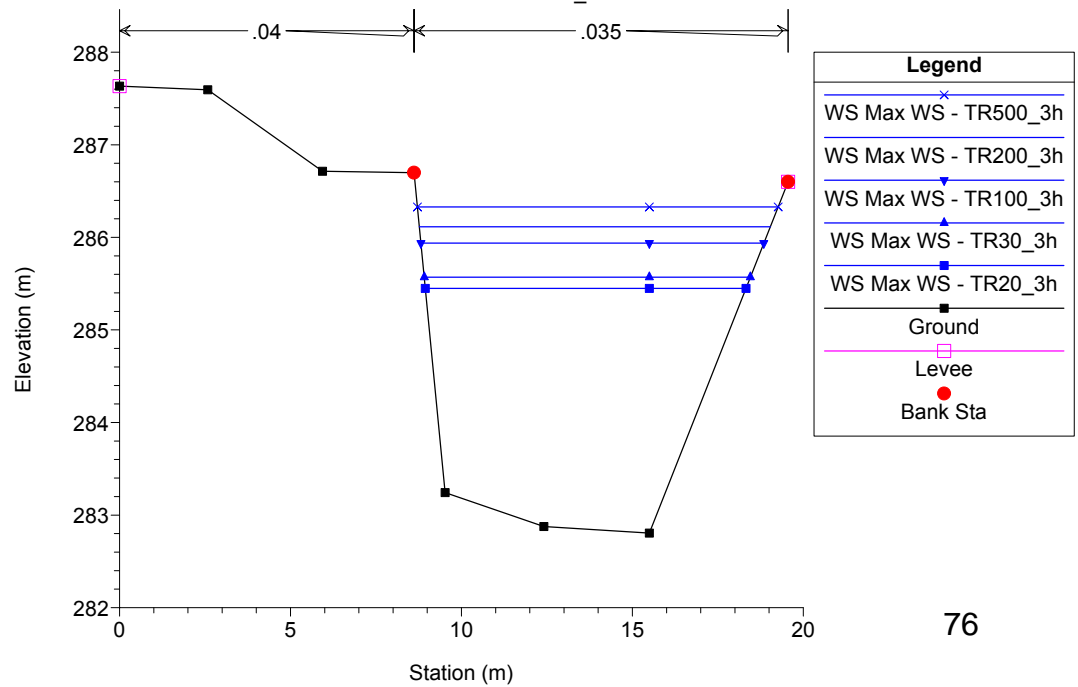
AGL007\_C1

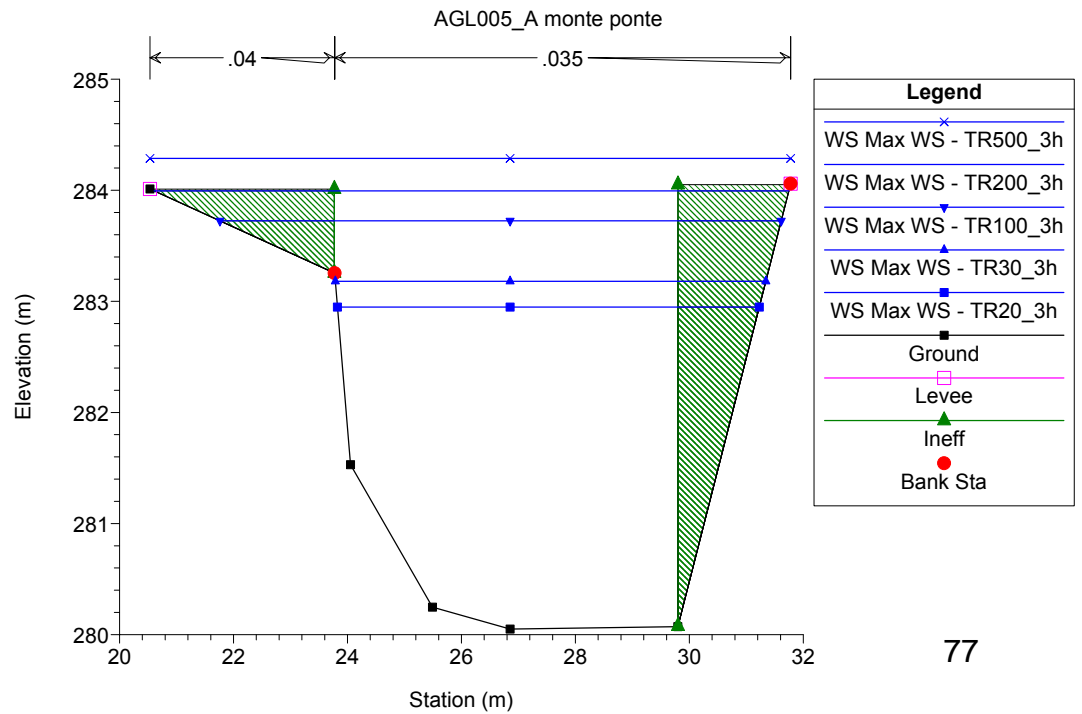
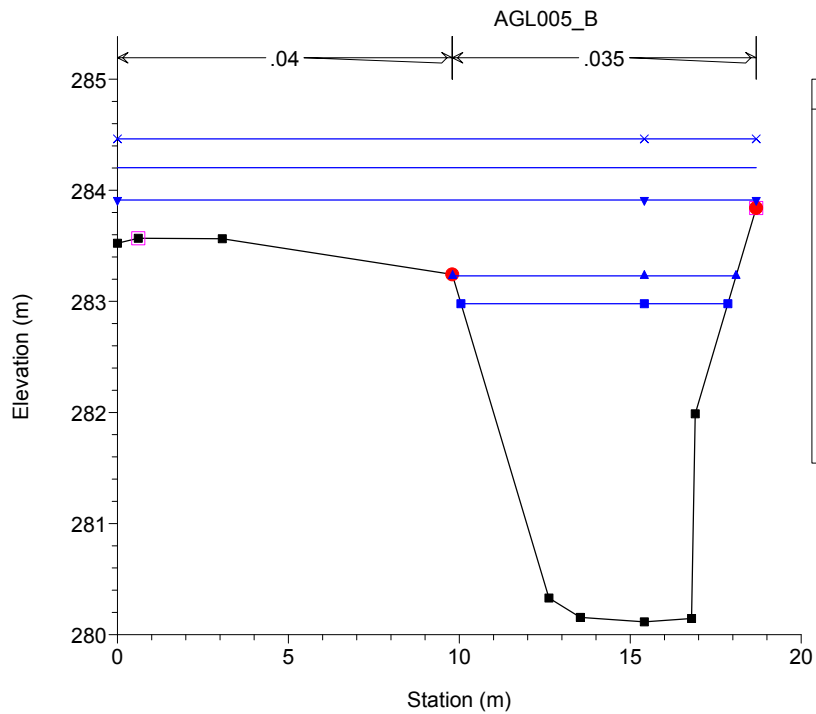
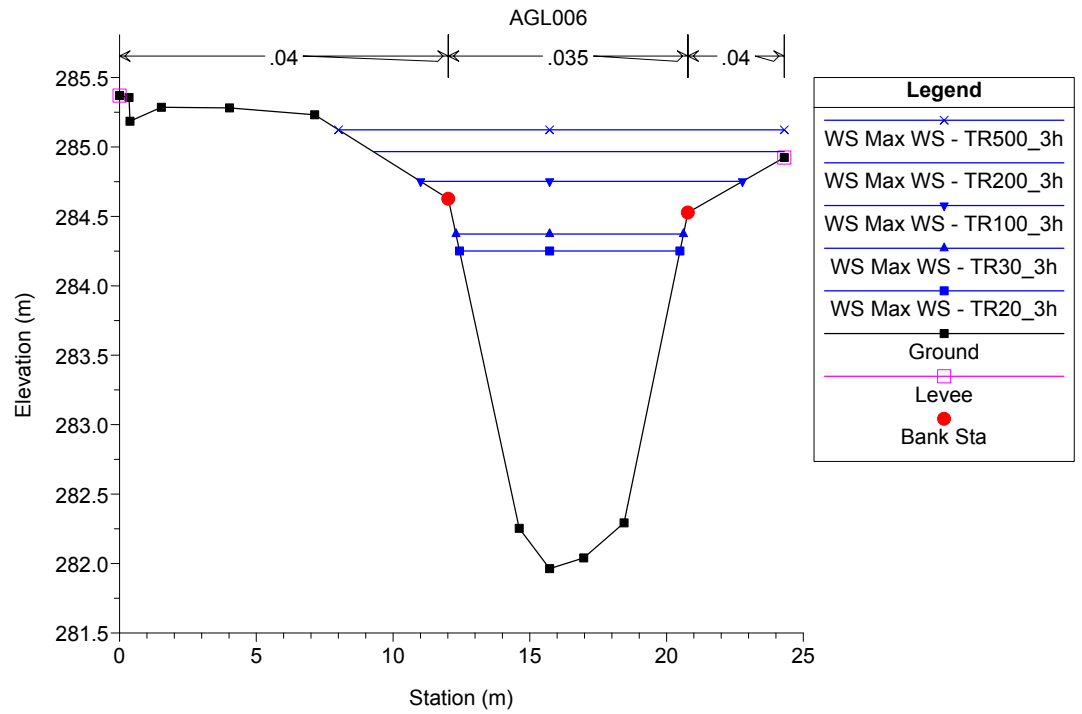
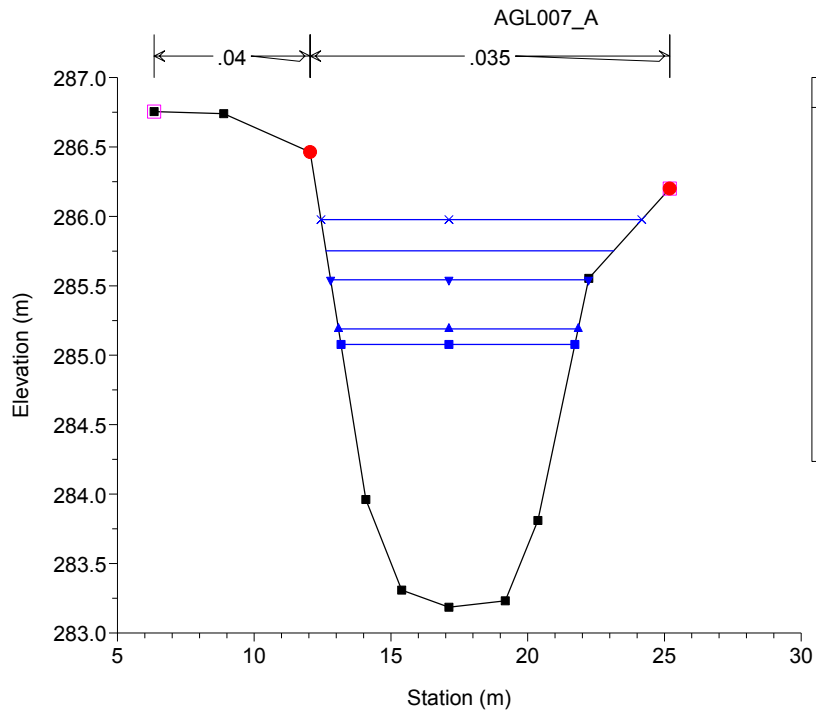


AGL 7C

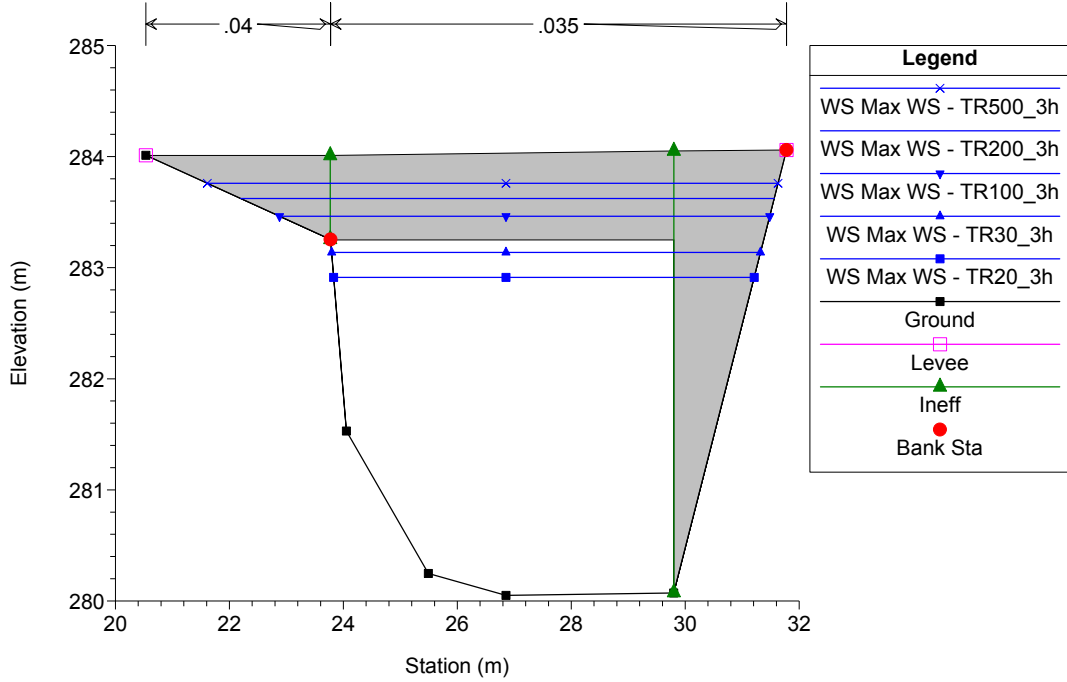


AGL007\_B

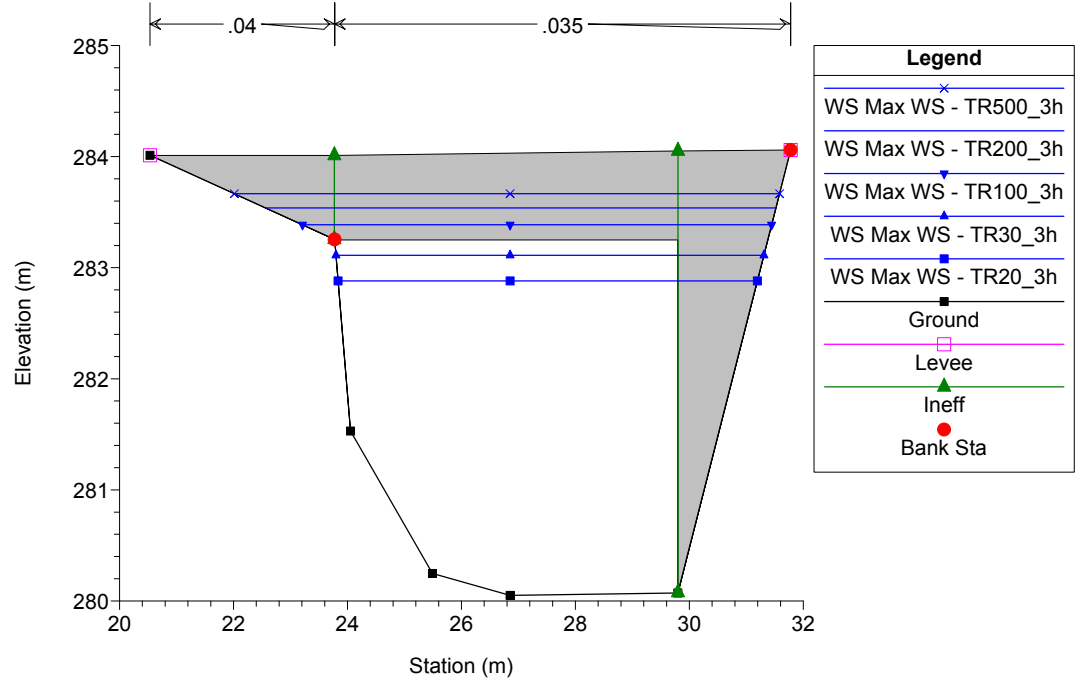




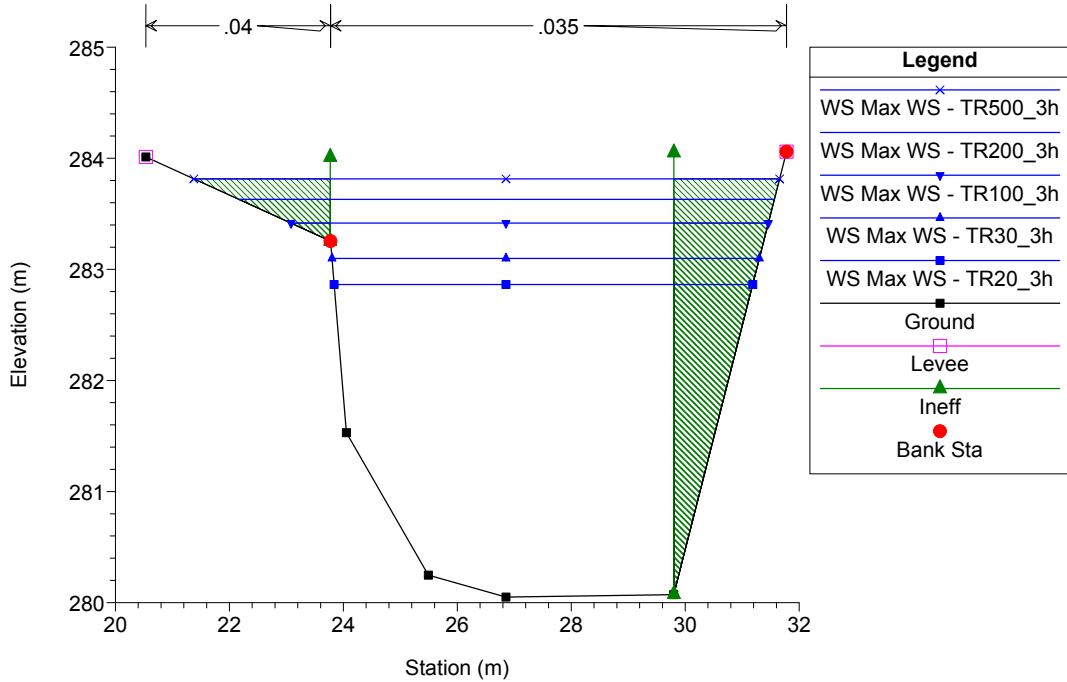
AGL 5A



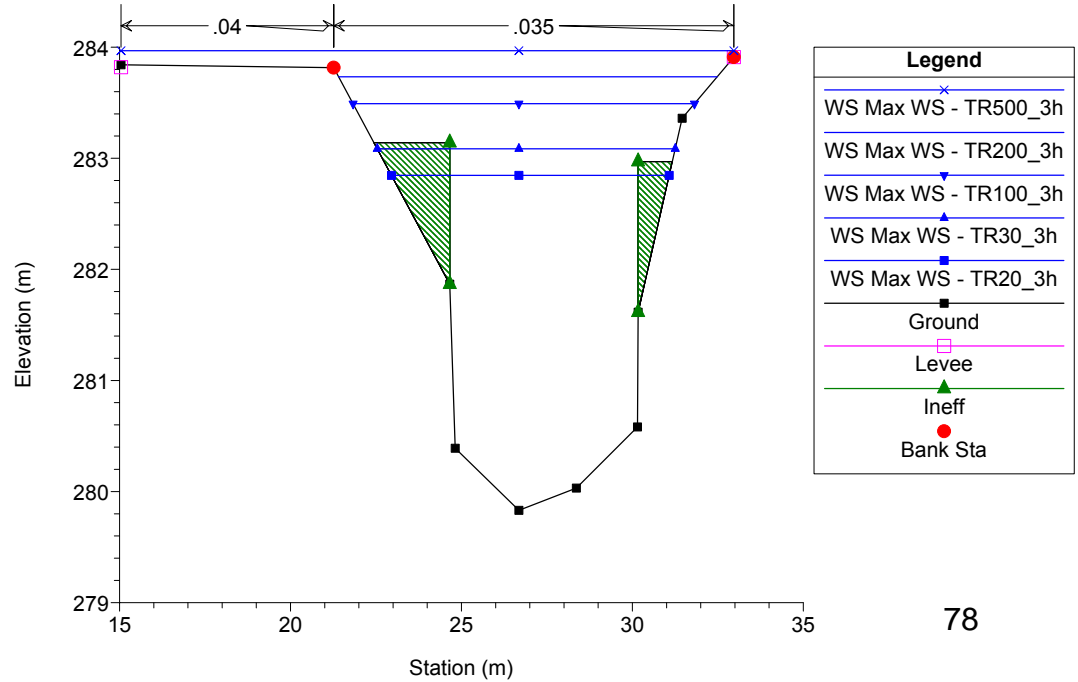
AGL 5A



AGL005\_A valle ponte/monte ponte

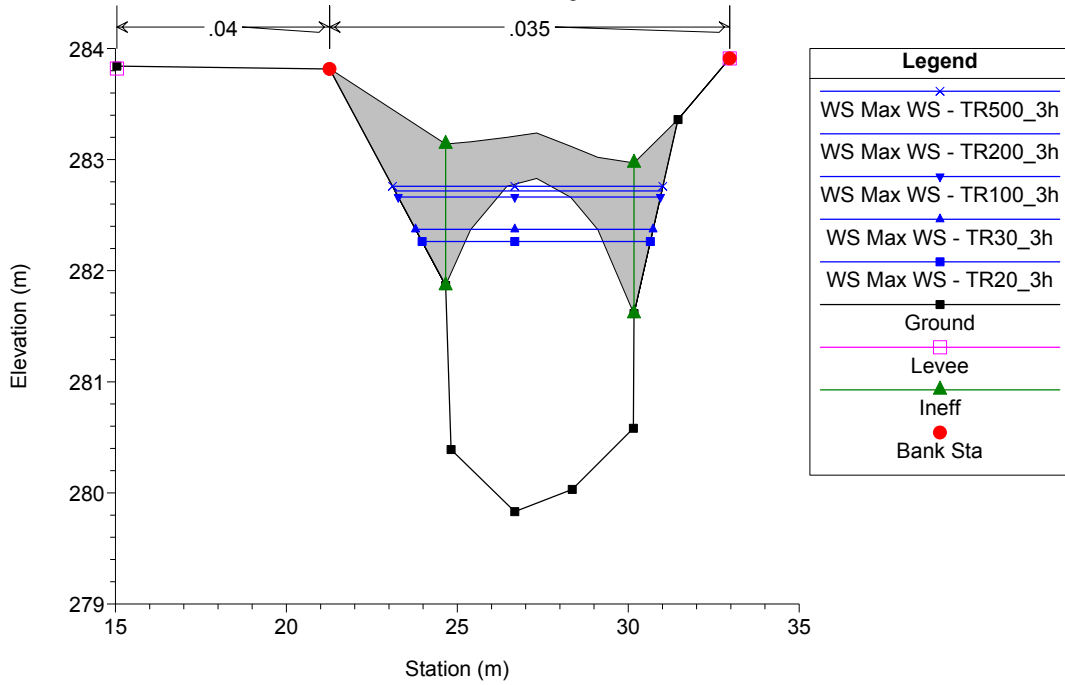


Sez. 4A monte ponte

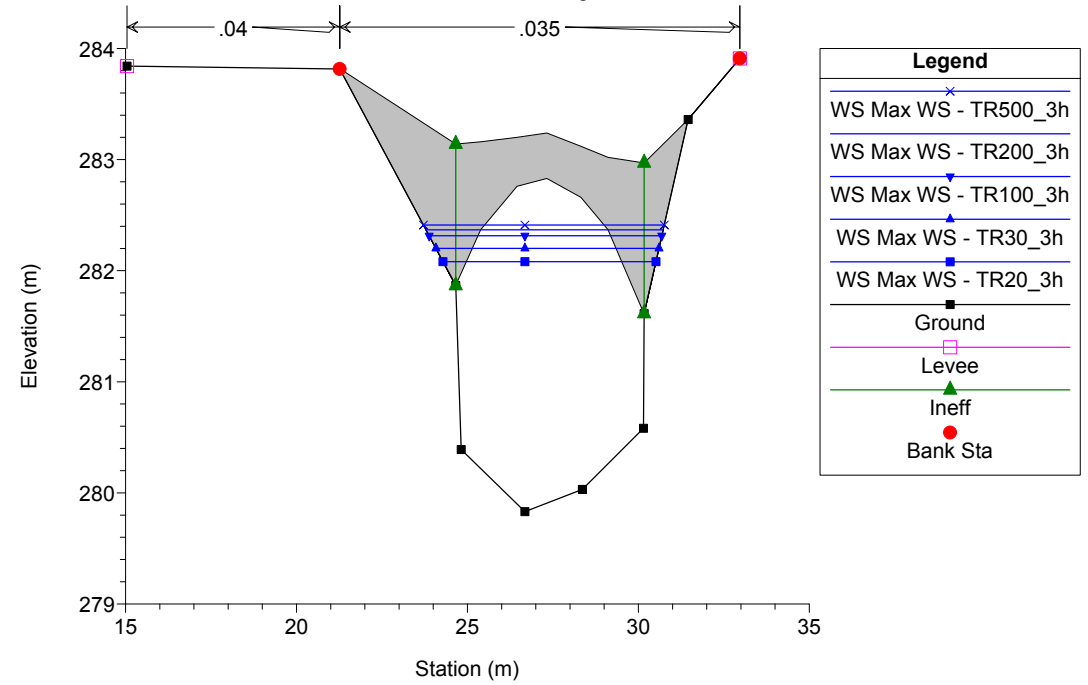




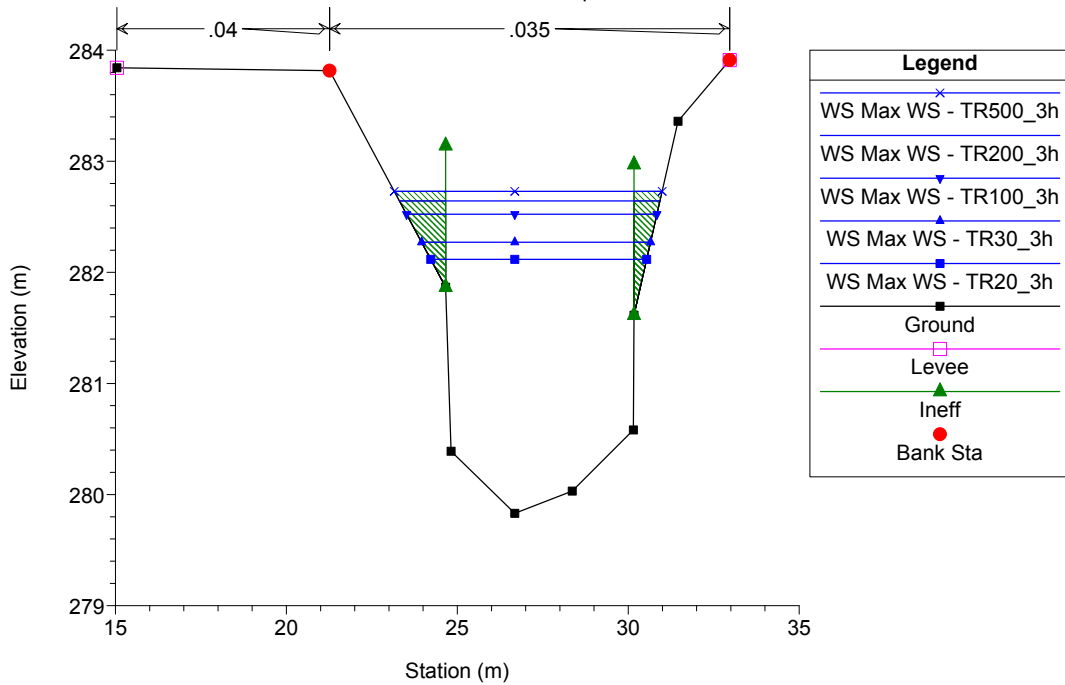
Ponte Piangianni



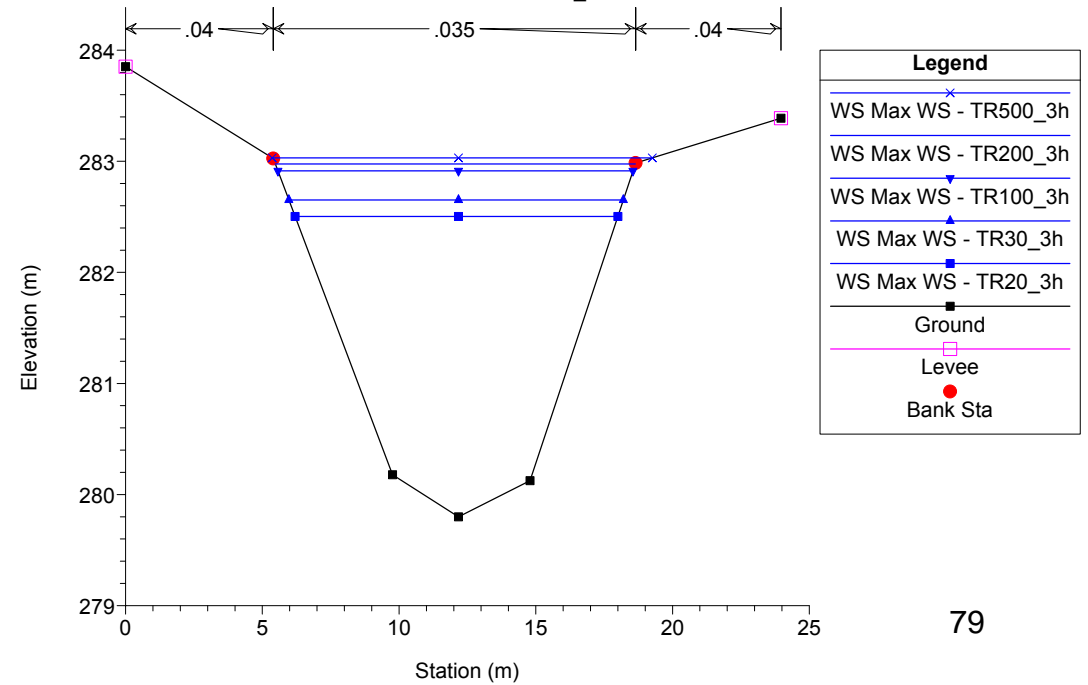
Ponte Piangianni

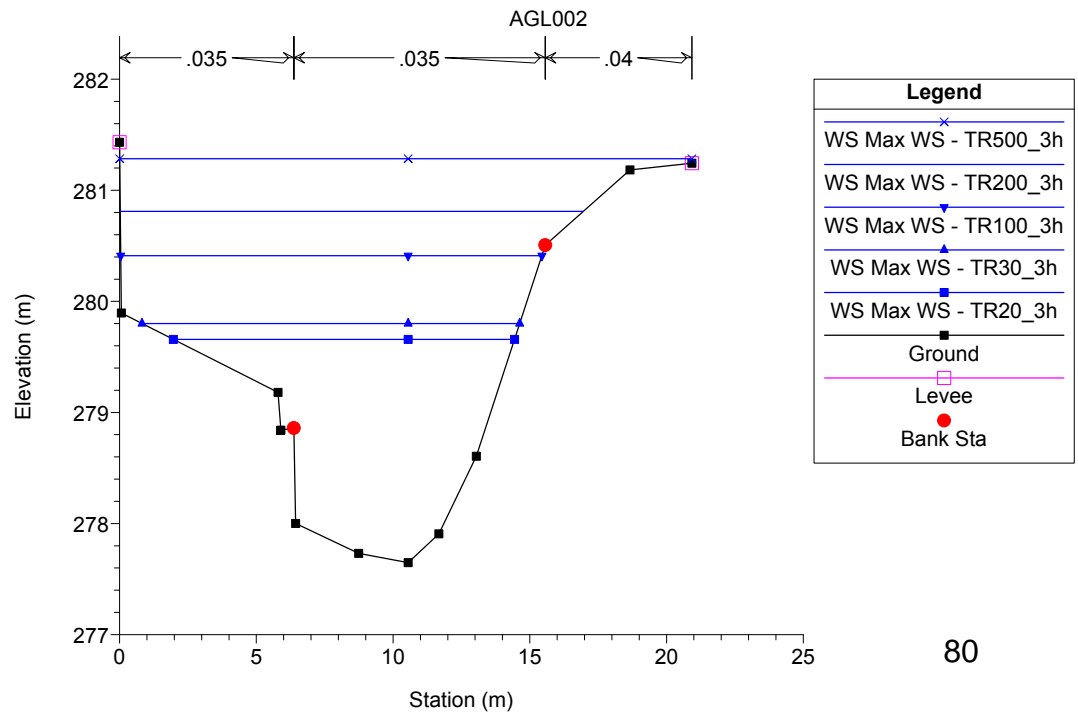
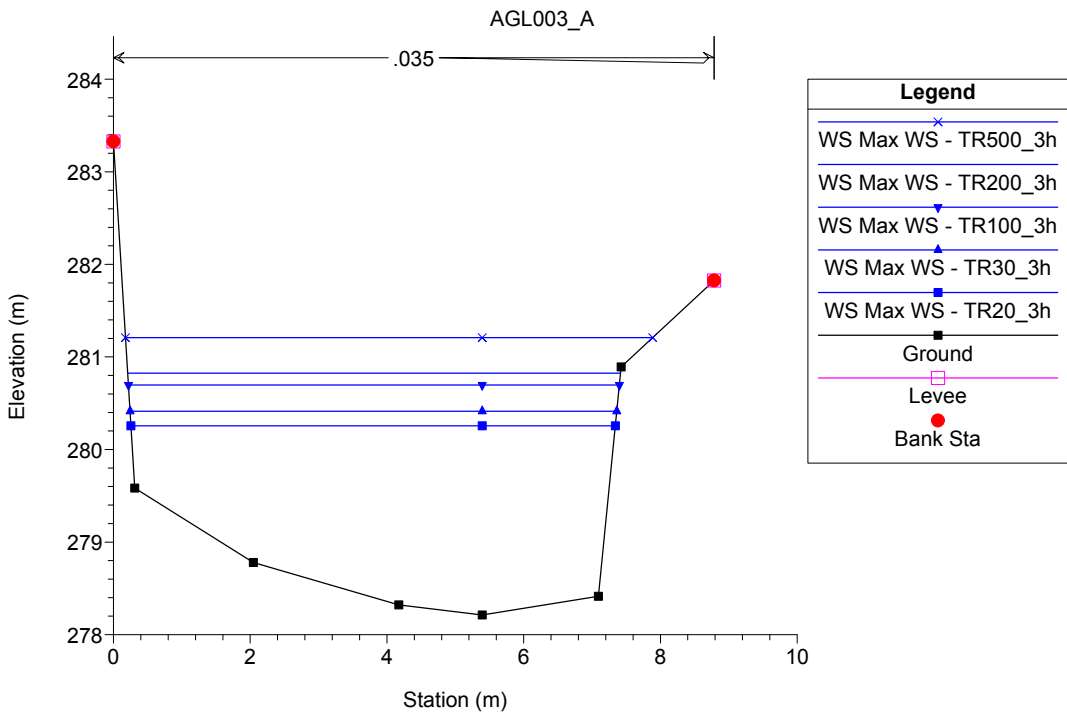
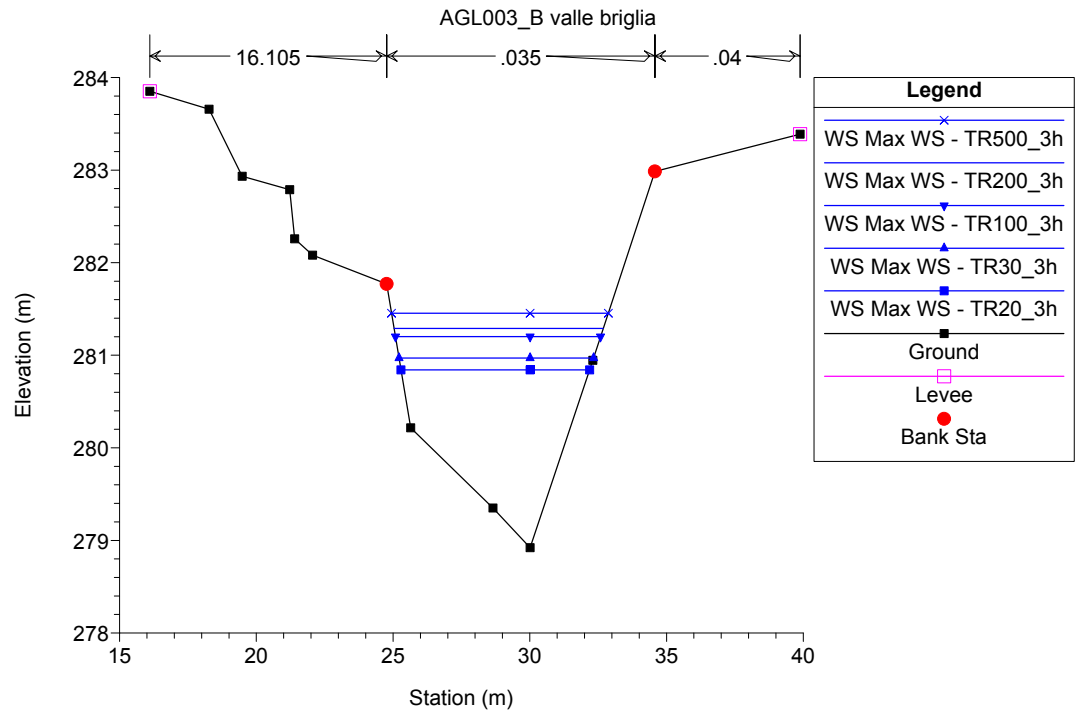
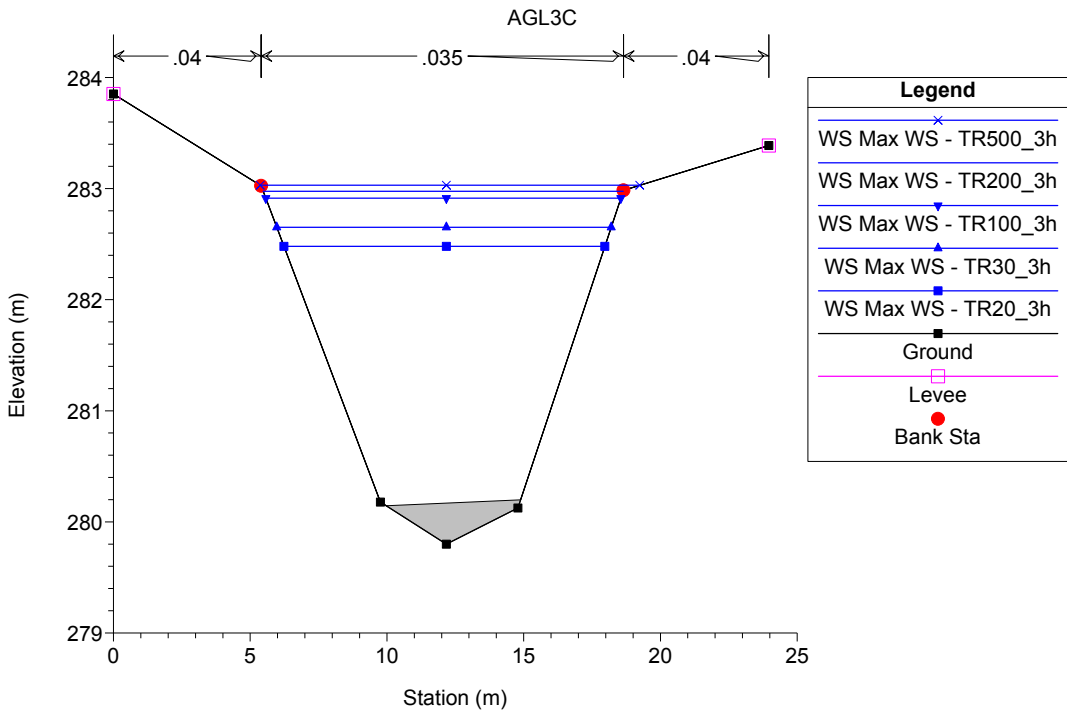


Sez. 4A valle ponte

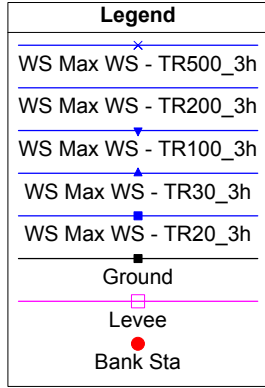
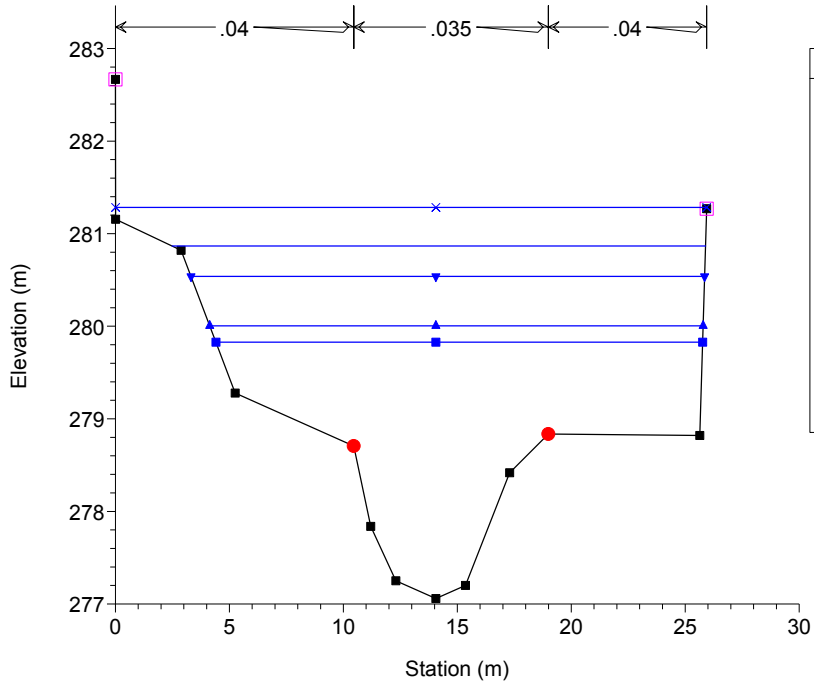


AGL003\_C1

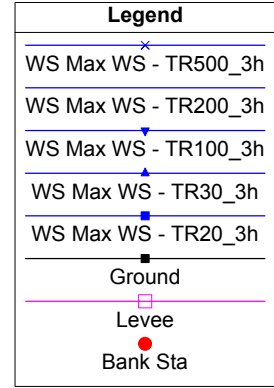
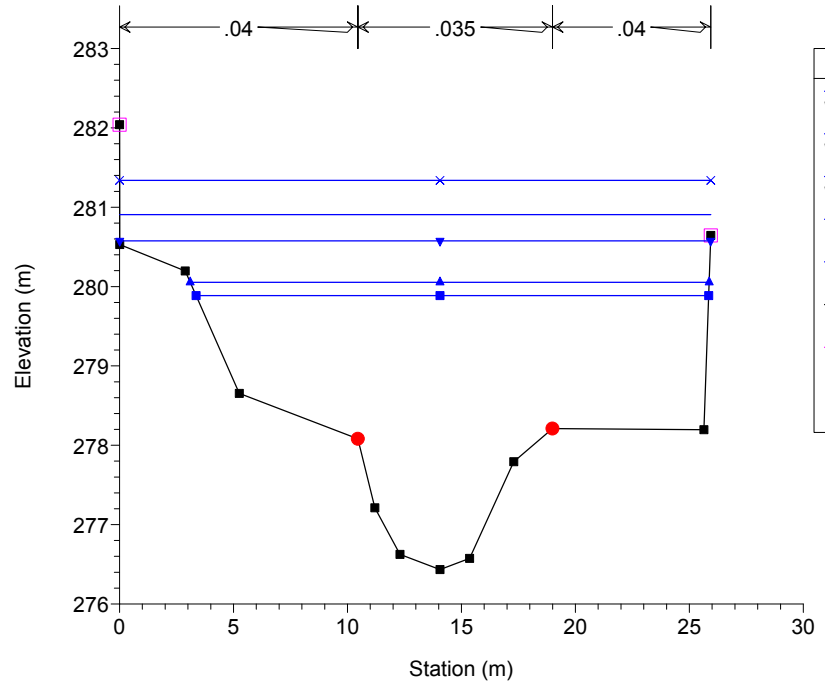




AGL001



AGL001



Reach	River Sta	Profile	Plan	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
t.Agljo	17	Max WS	TR200_3h	76.37	297.73	299.87	300.00	300.81	0.014967	4.30	17.76	11.67	1.11
t.Agljo	17	Max WS	TR30_3h	48.56	297.73	299.37	299.50	300.16	0.016430	3.92	12.38	10.14	1.13
t.Agljo	17	Max WS	TR100_3h	64.99	297.73	299.67	299.81	300.56	0.015643	4.18	15.55	11.06	1.13
t.Agljo	17	Max WS	TR500_3h	94.03	297.73	300.16	300.27	301.15	0.013888	4.42	21.26	12.58	1.09
t.Agljo	17	Max WS	TR20_3h	43.90	297.73	299.28	299.39	300.03	0.016653	3.83	11.47	9.86	1.13
t.Agljo	16	Max WS	TR200_3h	76.35	296.79	299.38	299.30	300.15	0.010682	3.89	19.63	11.33	0.94
t.Agljo	16	Max WS	TR30_3h	48.56	296.79	298.82	298.79	299.46	0.011658	3.53	13.75	10.01	0.96
t.Agljo	16	Max WS	TR100_3h	64.98	296.79	299.16	299.10	299.88	0.011098	3.78	17.19	10.73	0.95
t.Agljo	16	Max WS	TR500_3h	93.97	296.79	299.72		300.52	0.009822	3.97	23.68	12.37	0.92
t.Agljo	16	Max WS	TR20_3h	43.90	296.79	298.72	298.69	299.33	0.011859	3.45	12.74	9.79	0.96
t.Agljo	15.3	Max WS	TR200_3h	76.33	295.35	298.84		299.36	0.004231	3.36	32.00	21.71	0.64
t.Agljo	15.3	Max WS	TR30_3h	48.55	295.35	297.87	297.74	298.51	0.008340	3.56	15.23	12.95	0.84
t.Agljo	15.3	Max WS	TR100_3h	64.97	295.35	298.37	298.13	299.00	0.006178	3.60	22.87	17.58	0.75
t.Agljo	15.3	Max WS	TR500_3h	93.94	295.35	299.48		299.90	0.002784	3.13	47.64	26.94	0.54
t.Agljo	15.3	Max WS	TR20_3h	43.89	295.35	297.74	297.61	298.35	0.008910	3.50	13.57	11.70	0.86
t.Agljo	15.2	Max WS	TR200_3h	76.33	295.42	298.75	297.95	299.32	0.003604	3.34	22.86	12.21	0.62
t.Agljo	15.2	Max WS	TR30_3h	48.55	295.42	297.92	297.39	298.37	0.004397	2.96	16.42	10.81	0.65
t.Agljo	15.2	Max WS	TR100_3h	64.97	295.42	298.42	297.73	298.94	0.003911	3.21	20.25	11.64	0.63
t.Agljo	15.2	Max WS	TR500_3h	93.94	295.42	299.27	298.27	299.90	0.003180	3.49	26.88	13.09	0.60
t.Agljo	15.2	Max WS	TR20_3h	43.89	295.42	297.78	297.29	298.20	0.004553	2.87	15.29	10.56	0.65
t.Agljo	15.15			Bridge									
t.Agljo	15.1	Max WS	TR200_3h	76.33	295.42	297.69	297.95	299.08	0.016030	5.23	14.61	10.41	1.21
t.Agljo	15.1	Max WS	TR30_3h	48.55	295.42	297.27	297.39	298.20	0.014889	4.26	11.39	9.71	1.12
t.Agljo	15.1	Max WS	TR100_3h	64.97	295.42	297.53	297.73	298.73	0.015522	4.85	13.39	10.15	1.18
t.Agljo	15.1	Max WS	TR500_3h	93.94	295.42	297.90	298.27	299.60	0.016878	5.77	16.29	10.78	1.27
t.Agljo	15.1	Max WS	TR20_3h	43.89	295.42	297.19	297.29	298.04	0.014773	4.09	10.74	9.57	1.11
t.Agljo	15	Max WS	TR200_3h	76.33	294.65	297.30	297.41	298.14	0.017194	4.06	18.78	13.91	1.12
t.Agljo	15	Max WS	TR30_3h	48.55	294.65	296.91	296.96	297.55	0.016600	3.56	13.62	12.00	1.07
t.Agljo	15	Max WS	TR100_3h	64.97	294.65	297.15	297.25	297.92	0.017065	3.88	16.74	13.25	1.10
t.Agljo	15	Max WS	TR500_3h	93.94	294.65	297.51	297.65	298.46	0.017037	4.32	21.72	14.46	1.13
t.Agljo	15	Max WS	TR20_3h	43.89	294.65	296.83	296.87	297.44	0.016442	3.46	12.68	11.60	1.06
t.Agljo	14	Max WS	TR200_3h	76.32	293.57	295.97	295.93	296.70	0.010663	3.80	21.35	18.66	0.93
t.Agljo	14	Max WS	TR30_3h	48.55	293.57	295.53		296.08	0.011430	3.27	14.85	11.45	0.92
t.Agljo	14	Max WS	TR100_3h	64.96	293.57	295.82	295.74	296.46	0.010554	3.56	18.77	16.08	0.91
t.Agljo	14	Max WS	TR500_3h	93.94	293.57	296.17	296.23	297.02	0.010929	4.14	25.41	21.37	0.95
t.Agljo	14	Max WS	TR20_3h	43.89	293.57	295.44		295.96	0.011368	3.17	13.86	11.21	0.91
t.Agljo	13.9			Lat Struct									
t.Agljo	13.4	Max WS	TR200_3h	69.26	292.95	295.88	295.09	296.24	0.003240	2.67	27.34	12.82	0.55
t.Agljo	13.4	Max WS	TR30_3h	47.98	292.95	295.39	294.73	295.66	0.003343	2.33	21.19	12.17	0.53
t.Agljo	13.4	Max WS	TR100_3h	61.14	292.95	295.70	294.96	296.03	0.003273	2.55	25.07	12.59	0.54
t.Agljo	13.4	Max WS	TR500_3h	80.47	292.95	296.11	295.27	296.51	0.003204	2.82	30.37	13.13	0.55
t.Agljo	13.4	Max WS	TR20_3h	43.74	292.95	295.28	294.65	295.54	0.003374	2.26	19.88	12.02	0.53
t.Agljo	13.2			Inl Struct									
t.Agljo	13.1	Max WS	TR200_3h	69.26	290.63	293.41		293.85	0.004656	2.95	24.82	12.27	0.58
t.Agljo	13.1	Max WS	TR30_3h	47.98	290.63	292.87		293.21	0.004608	2.59	18.77	10.13	0.57
t.Agljo	13.1	Max WS	TR100_3h	61.14	290.63	293.22		293.62	0.004649	2.82	22.51	11.50	0.57
t.Agljo	13.1	Max WS	TR500_3h	80.47	290.63	293.65		294.14	0.004664	3.12	27.84	13.22	0.59
t.Agljo	13.1	Max WS	TR20_3h	43.74	290.63	292.75		293.07	0.004605	2.51	17.57	9.65	0.56
t.Agljo	13.09	Max WS	TR200_3h	69.26	290.63	293.40	292.61	293.84	0.004699	2.96	24.74	12.24	0.58
t.Agljo	13.09	Max WS	TR30_3h	47.98	290.63	292.86	292.19	293.21	0.004656	2.60	18.70	10.10	0.57
t.Agljo	13.09	Max WS	TR100_3h	61.14	290.63	293.21	292.46	293.61	0.004691	2.83	22.43	11.47	0.58
t.Agljo	13.09	Max WS	TR500_3h	80.47	290.63	293.64	292.82	294.13	0.004705	3.13	27.75	13.19	0.59
t.Agljo	13.09	Max WS	TR20_3h	43.74	290.63	292.74	292.10	293.06	0.004653	2.51	17.50	9.62	0.57
t.Agljo	13.05			Inl Struct									
t.Agljo	13	Max WS	TR200_3h	69.27	289.33	292.04		292.87	0.013225	4.04	17.15	8.16	0.89
t.Agljo	13	Max WS	TR30_3h	47.98	289.33	291.63		292.24	0.011811	3.46	13.85	8.05	0.84
t.Agljo	13	Max WS	TR100_3h	61.14	289.33	291.89		292.64	0.012728	3.84	15.94	8.12	0.87
t.Agljo	13	Max WS	TR500_3h	80.48	289.33	292.23		293.17	0.013945	4.31	18.69	8.21	0.91
t.Agljo	13	Max WS	TR20_3h	43.74	289.33	291.54		292.10	0.011563	3.34	13.10	8.03	0.83
t.Agljo	12.99			Lat Struct									
t.Agljo	12	Max WS	TR200_3h	69.26	288.38	290.98	291.04	291.85	0.014028	4.13	16.75	10.60	1.05
t.Agljo	12	Max WS	TR30_3h	47.98	288.38	290.56	290.57	291.29	0.013253	3.78	12.69	8.76	1.00
t.Agljo	12	Max WS	TR100_3h	61.14	288.38	290.83	290.87	291.65	0.013830	4.02	15.23	9.95	1.04
t.Agljo	12	Max WS	TR500_3h	79.85	288.38	291.15	291.21	292.09	0.013888	4.30	18.57	10.85	1.05
t.Agljo	12	Max WS	TR20_3h	43.74	288.38	290.45	290.45	291.16	0.013091	3.71	11.79	8.30	0.99
t.Agljo	11	Max WS	TR200_3h	69.26	287.54	290.78		291.06	0.003968	2.35	29.43	17.84	0.58
t.Agljo	11	Max WS	TR30_3h	47.98	287.54	290.31		290.57	0.004908	2.24	21.42	16.55	0.63
t.Agljo	11	Max WS	TR100_3h	61.13	287.54	290.62		290.89	0.004128	2.29	26.69	17.41	0.59
t.Agljo	11	Max WS	TR500_3h	79.64	287.54	290.93		291.24	0.004024	2.47	32.21	18.25	0.59
t.Agljo	11	Max WS	TR20_3h	43.74	287.54	290.19		290.45	0.005102	2.24	19.55	15.55	0.64
t.Agljo	10.3	Max WS	TR200_3h	59.04	286.16	290.07		290.20	0.001280	1.55	38.10	17.79	0.33

Reach	River Sta	Profile	Plan	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
t.Agljo	10.3	Max WS	TR30_3h	47.82	286.16	289.48		289.63	0.002096	1.70	28.17	16.48	0.41
t.Agljo	10.3	Max WS	TR100_3h	55.79	286.16	289.90		290.03	0.001470	1.59	35.10	16.94	0.35
t.Agljo	10.3	Max WS	TR500_3h	65.21	286.16	290.14		290.28	0.001413	1.66	39.39	18.31	0.35
t.Agljo	10.3	Max WS	TR20_3h	43.73	286.16	289.30		289.46	0.002301	1.73	25.22	15.35	0.43
t.Agljo	10.2	Max WS	TR200_3h	52.36	286.13	290.04	288.37	290.24	0.002054	2.06	33.99	22.06	0.35
t.Agljo	10.2	Max WS	TR30_3h	46.44	286.13	289.33	288.23	289.65	0.003739	2.49	20.29	14.59	0.48
t.Agljo	10.2	Max WS	TR100_3h	50.94	286.13	289.84	288.34	290.07	0.002475	2.20	29.56	20.92	0.39
t.Agljo	10.2	Max WS	TR500_3h	56.99	286.13	290.11	288.49	290.33	0.002244	2.17	35.56	22.46	0.37
t.Agljo	10.2	Max WS	TR20_3h	43.25	286.13	289.14	288.14	289.46	0.004117	2.52	17.73	11.17	0.50
t.Agljo	10.15			Bridge									
t.Agljo	10.1	Max WS	TR200_3h	52.37	286.13	289.10		289.59	0.006288	3.09	17.36	10.59	0.62
t.Agljo	10.1	Max WS	TR30_3h	46.44	286.13	288.58		289.19	0.009431	3.44	13.50	6.49	0.76
t.Agljo	10.1	Max WS	TR100_3h	50.94	286.13	288.81		289.40	0.008558	3.41	14.96	6.57	0.72
t.Agljo	10.1	Max WS	TR500_3h	62.44	286.13	289.47		289.97	0.005728	3.16	22.50	16.99	0.59
t.Agljo	10.1	Max WS	TR20_3h	43.25	286.13	288.52		289.08	0.008930	3.31	13.08	6.47	0.74
t.Agljo	10.09			Lat Struct									
t.Agljo	10	Max WS	TR200_3h	53.01	286.13	289.02		289.55	0.007140	3.24	16.53	9.14	0.66
t.Agljo	10	Max WS	TR30_3h	46.44	286.13	288.49		289.15	0.010786	3.61	12.86	6.46	0.82
t.Agljo	10	Max WS	TR100_3h	50.98	286.13	288.72		289.36	0.009536	3.54	14.39	6.54	0.76
t.Agljo	10	Max WS	TR500_3h	63.44	286.13	289.39		289.94	0.006545	3.33	21.10	15.52	0.63
t.Agljo	10	Max WS	TR20_3h	43.25	286.13	288.43		289.04	0.010154	3.46	12.48	6.44	0.79
t.Agljo	9.5	Max WS	TR200_3h	72.67	285.90	288.71		288.98	0.003876	2.29	32.01	22.57	0.58
t.Agljo	9.5	Max WS	TR30_3h	48.38	285.90	287.78	287.87	288.37	0.015259	3.41	14.21	14.04	1.08
t.Agljo	9.5	Max WS	TR100_3h	63.18	285.90	288.37		288.70	0.006388	2.54	24.85	19.69	0.72
t.Agljo	9.5	Max WS	TR500_3h	85.97	285.90	289.22		289.43	0.002202	2.04	44.85	28.50	0.45
t.Agljo	9.5	Max WS	TR20_3h	43.82	285.90	287.66	287.76	288.27	0.014705	3.45	12.69	11.86	1.07
t.Agljo	9.4	Max WS	TR200_3h	76.27	285.98	288.37		288.98	0.007179	3.47	22.45	13.78	0.78
t.Agljo	9.4	Max WS	TR30_3h	48.54	285.98	287.67		288.25	0.010541	3.39	14.34	10.07	0.91
t.Agljo	9.4	Max WS	TR100_3h	64.92	285.98	288.09		288.70	0.008479	3.45	18.91	12.25	0.83
t.Agljo	9.4	Max WS	TR500_3h	93.82	285.98	288.83		289.40	0.005203	3.39	29.72	16.91	0.69
t.Agljo	9.4	Max WS	TR20_3h	43.87	285.98	287.55		288.12	0.010992	3.33	13.18	9.87	0.92
t.Agljo	9.2	Max WS	TR200_3h	76.27	285.64	288.46	287.72	288.95	0.004245	3.10	24.61	10.33	0.62
t.Agljo	9.2	Max WS	TR30_3h	48.54	285.64	287.79	287.22	288.15	0.004220	2.65	18.34	9.83	0.60
t.Agljo	9.2	Max WS	TR100_3h	64.92	285.64	288.20	287.53	288.64	0.004222	2.93	22.17	10.07	0.61
t.Agljo	9.2	Max WS	TR500_3h	93.82	285.64	288.81	288.01	289.38	0.004187	3.35	28.05	11.44	0.63
t.Agljo	9.2	Max WS	TR20_3h	43.87	285.64	287.67	287.13	288.00	0.004245	2.56	17.14	9.76	0.60
t.Agljo	9.15			Bridge									
t.Agljo	9.1	Max WS	TR200_3h	76.26	285.64	288.40		288.91	0.004554	3.17	24.05	10.21	0.64
t.Agljo	9.1	Max WS	TR30_3h	48.54	285.64	287.75		288.12	0.004532	2.71	17.92	9.81	0.62
t.Agljo	9.1	Max WS	TR100_3h	64.92	285.64	288.15		288.60	0.004529	3.00	21.67	10.04	0.63
t.Agljo	9.1	Max WS	TR500_3h	93.82	285.64	288.74		289.34	0.004566	3.43	27.33	11.19	0.65
t.Agljo	9.1	Max WS	TR20_3h	43.87	285.64	287.63		287.97	0.004547	2.62	16.76	9.74	0.62
t.Agljo	9	Max WS	TR200_3h	76.26	285.64	288.44		288.90	0.005092	3.02	25.24	10.29	0.61
t.Agljo	9	Max WS	TR30_3h	48.54	285.64	287.77		288.12	0.005062	2.62	18.52	9.82	0.61
t.Agljo	9	Max WS	TR100_3h	64.92	285.64	288.18		288.60	0.005084	2.87	22.61	10.06	0.61
t.Agljo	9	Max WS	TR500_3h	93.82	285.64	288.80		289.33	0.004917	3.24	29.14	11.40	0.61
t.Agljo	9	Max WS	TR20_3h	43.87	285.64	287.64		287.97	0.005067	2.54	17.28	9.75	0.61
t.Agljo	8.95			Lat Struct									
t.Agljo	8.94			Lat Struct									
t.Agljo	8.3	Max WS	TR200_3h	76.26	284.67	288.31	286.83	288.55	0.002104	2.21	34.54	11.60	0.41
t.Agljo	8.3	Max WS	TR30_3h	48.54	284.67	287.63	286.35	287.80	0.001724	1.81	26.88	11.06	0.37
t.Agljo	8.3	Max WS	TR100_3h	64.92	284.67	288.04	286.65	288.26	0.001967	2.06	31.53	11.39	0.40
t.Agljo	8.3	Max WS	TR500_3h	93.82	284.67	288.68	287.10	288.97	0.002287	2.41	38.91	11.90	0.43
t.Agljo	8.3	Max WS	TR20_3h	43.87	284.67	287.50	286.26	287.65	0.001641	1.72	25.47	10.95	0.36
t.Agljo	8.05			Inl Struct									
t.Agljo	8	Max WS	TR200_3h	76.26	283.72	286.93		287.33	0.003967	2.80	27.24	10.51	0.56
t.Agljo	8	Max WS	TR30_3h	48.54	283.72	286.43		286.67	0.002880	2.20	22.10	9.95	0.47
t.Agljo	8	Max WS	TR100_3h	64.92	283.72	286.75		287.09	0.003490	2.56	25.41	10.32	0.52
t.Agljo	8	Max WS	TR500_3h	93.82	283.72	287.14		287.65	0.004842	3.19	29.45	10.74	0.61
t.Agljo	8	Max WS	TR20_3h	43.87	283.72	286.32		286.54	0.002708	2.09	21.02	9.83	0.46
t.Agljo	7.9			Lat Struct									
t.Agljo	7.2	Max WS	TR200_3h	75.60	283.70	287.03	285.98	287.31	0.002527	2.33	32.62	14.87	0.47
t.Agljo	7.2	Max WS	TR30_3h	48.54	283.70	286.46	285.53	286.65	0.002290	1.95	24.89	12.75	0.45
t.Agljo	7.2	Max WS	TR100_3h	64.80	283.70	286.82	285.82	287.06	0.002469	2.19	29.59	13.60	0.47
t.Agljo	7.2	Max WS	TR500_3h	91.63	283.70	287.32	286.22	287.64	0.002608	2.52	37.13	16.59	0.49
t.Agljo	7.2	Max WS	TR20_3h	43.87	283.70	286.34	285.44	286.52	0.002229	1.87	23.40	12.54	0.44
t.Agljo	7.15			Inl Struct									
t.Agljo	7.1	Max WS	TR200_3h	75.60	282.81	286.11		286.55	0.004542	2.92	25.85	10.26	0.59
t.Agljo	7.1	Max WS	TR30_3h	48.54	282.81	285.57		285.86	0.003559	2.37	20.45	9.54	0.52

Reach	River Sta	Profile	Plan	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
t.Agljo	7.1	Max WS	TR100_3h	64.79	282.81	285.94		286.31	0.004056	2.69	24.06	10.03	0.55
t.Agljo	7.1	Max WS	TR500_3h	91.63	282.81	286.33		286.87	0.005326	3.26	28.08	10.55	0.64
t.Agljo	7.1	Max WS	TR20_3h	43.87	282.81	285.45		285.71	0.003405	2.27	19.31	9.38	0.51
t.Agljo	7.09			Lat Struct									
t.Agljo	7.08			Lat Struct									
t.Agljo	7	Max WS	TR200_3h	75.60	283.19	285.75	285.74	286.61	0.012202	4.11	18.39	10.52	0.99
t.Agljo	7	Max WS	TR30_3h	48.54	283.19	285.19	285.15	285.89	0.012048	3.71	13.09	8.76	0.97
t.Agljo	7	Max WS	TR100_3h	64.79	283.19	285.54	285.50	286.35	0.011652	3.97	16.31	9.43	0.96
t.Agljo	7	Max WS	TR500_3h	91.63	283.19	285.98	286.05	286.96	0.013456	4.39	20.89	11.73	1.05
t.Agljo	7	Max WS	TR20_3h	43.87	283.19	285.08	285.05	285.74	0.012204	3.62	12.12	8.55	0.97
t.Agljo	6	Max WS	TR200_3h	75.56	281.96	284.97	284.95	285.77	0.009328	4.00	19.91	15.04	0.88
t.Agljo	6	Max WS	TR30_3h	48.53	281.96	284.37		285.04	0.010829	3.61	13.44	8.32	0.91
t.Agljo	6	Max WS	TR100_3h	64.79	281.96	284.75	284.63	285.51	0.010040	3.87	17.00	11.77	0.89
t.Agljo	6	Max WS	TR500_3h	89.95	281.96	285.12	285.23	286.07	0.010095	4.37	22.35	16.30	0.92
t.Agljo	6	Max WS	TR20_3h	43.86	281.96	284.25		284.88	0.010904	3.53	12.44	8.06	0.91
t.Agljo	5.3	Max WS	TR200_3h	65.26	280.11	284.20		284.43	0.002338	2.21	33.71	18.68	0.41
t.Agljo	5.3	Max WS	TR30_3h	46.67	280.11	283.23		283.58	0.004801	2.61	17.87	8.29	0.57
t.Agljo	5.3	Max WS	TR100_3h	61.49	280.11	283.91		284.20	0.003157	2.43	28.27	18.68	0.48
t.Agljo	5.3	Max WS	TR500_3h	69.74	280.11	284.46		284.66	0.001897	2.08	38.55	18.68	0.37
t.Agljo	5.3	Max WS	TR20_3h	43.88	280.11	282.98		283.37	0.005833	2.77	15.86	7.81	0.62
t.Agljo	5.2	Max WS	TR200_3h	64.51	280.05	283.99	282.64	284.44	0.002843	2.97	21.74	11.14	0.50
t.Agljo	5.2	Max WS	TR30_3h	46.61	280.05	283.18	282.18	283.57	0.003438	2.77	16.84	7.56	0.53
t.Agljo	5.2	Max WS	TR100_3h	61.29	280.05	283.72	282.56	284.20	0.003326	3.05	20.12	9.85	0.53
t.Agljo	5.2	Max WS	TR500_3h	67.53	280.05	284.29	282.71	284.68	0.004089	2.79	24.87	11.25	0.52
t.Agljo	5.2	Max WS	TR20_3h	43.81	280.05	282.95	282.11	283.36	0.003886	2.84	15.45	7.40	0.56
t.Agljo	5.15			Bridge									
t.Agljo	5	Max WS	TR200_3h	64.51	280.05	283.63		284.19	0.004056	3.30	19.55	9.40	0.59
t.Agljo	5	Max WS	TR30_3h	47.32	280.05	283.10		283.53	0.003857	2.90	16.34	7.50	0.56
t.Agljo	5	Max WS	TR100_3h	61.29	280.05	283.42		283.99	0.004596	3.36	18.26	8.38	0.62
t.Agljo	5	Max WS	TR500_3h	67.53	280.05	283.81		284.36	0.003696	3.27	20.66	10.28	0.56
t.Agljo	5	Max WS	TR20_3h	43.89	280.05	282.86		283.30	0.004299	2.94	14.94	7.35	0.59
t.Agljo	4.9			Lat Struct									
t.Agljo	4.8			Lat Struct									
t.Agljo	4.3	Max WS	TR200_3h	64.51	279.83	283.73	282.57	284.15	0.005910	2.87	22.47	11.08	0.64
t.Agljo	4.3	Max WS	TR30_3h	47.29	279.83	283.08	282.11	283.51	0.005292	2.90	16.28	8.72	0.59
t.Agljo	4.3	Max WS	TR100_3h	61.29	279.83	283.49	282.48	283.97	0.007139	3.08	19.92	9.99	0.70
t.Agljo	4.3	Max WS	TR500_3h	67.53	279.83	283.97	282.63	284.33	0.004677	2.67	26.04	17.93	0.58
t.Agljo	4.3	Max WS	TR20_3h	43.88	279.83	282.85	282.01	283.29	0.004714	2.96	14.85	8.12	0.57
t.Agljo	4.25			Bridge									
t.Agljo	4.2	Max WS	TR200_3h	64.44	279.83	282.64	282.56	283.77	0.013202	4.69	13.73	7.62	0.95
t.Agljo	4.2	Max WS	TR30_3h	50.73	279.83	282.27	282.20	283.23	0.014038	4.35	11.68	6.70	0.95
t.Agljo	4.2	Max WS	TR100_3h	61.29	279.83	282.52	282.47	283.64	0.014064	4.69	13.07	7.33	0.97
t.Agljo	4.2	Max WS	TR500_3h	67.48	279.83	282.73	282.63	283.88	0.012922	4.75	14.20	7.83	0.94
t.Agljo	4.2	Max WS	TR20_3h	43.89	279.83	282.12		282.95	0.013512	4.05	10.83	6.32	0.92
t.Agljo	4.19			Lat Struct									
t.Agljo	4.18			Lat Struct									
t.Agljo	3.2	Max WS	TR200_3h	64.51	279.80	282.98	282.14	283.28	0.003365	2.43	26.57	13.16	0.55
t.Agljo	3.2	Max WS	TR30_3h	50.42	279.80	282.65	281.87	282.91	0.003241	2.25	22.46	12.23	0.53
t.Agljo	3.2	Max WS	TR100_3h	61.29	279.80	282.91	282.08	283.20	0.003302	2.38	25.76	12.98	0.54
t.Agljo	3.2	Max WS	TR500_3h	67.53	279.80	283.03	282.20	283.34	0.003400	2.47	27.31	13.90	0.55
t.Agljo	3.2	Max WS	TR20_3h	43.67	279.80	282.50	281.72	282.73	0.003045	2.11	20.67	11.80	0.51
t.Agljo	3.15			Inl Struct									
t.Agljo	3.1	Max WS	TR200_3h	64.51	278.92	281.29	281.83	283.05	0.034423	5.89	10.96	7.65	1.57
t.Agljo	3.1	Max WS	TR30_3h	50.42	278.92	280.97	281.52	282.72	0.041554	5.86	8.60	7.11	1.70
t.Agljo	3.1	Max WS	TR100_3h	61.29	278.92	281.20	281.77	283.01	0.037076	5.96	10.29	7.50	1.62
t.Agljo	3.1	Max WS	TR500_3h	67.53	278.92	281.45	281.89	283.00	0.027686	5.52	12.24	7.93	1.42
t.Agljo	3.1	Max WS	TR20_3h	44.02	278.92	280.84	281.37	282.50	0.043294	5.71	7.70	6.90	1.73
t.Agljo	3.09			Lat Struct									
t.Agljo	3.08			Lat Struct									
t.Agljo	3	Max WS	TR200_3h	64.51	278.21	280.82		281.70	0.012869	4.15	15.53	7.21	0.90
t.Agljo	3	Max WS	TR30_3h	50.14	278.21	280.41	280.36	281.22	0.014097	3.99	12.58	7.12	0.96
t.Agljo	3	Max WS	TR100_3h	61.29	278.21	280.70		281.59	0.013777	4.19	14.61	7.18	0.94
t.Agljo	3	Max WS	TR500_3h	67.52	278.21	281.21		281.90	0.009067	3.67	18.38	7.71	0.76
t.Agljo	3	Max WS	TR20_3h	43.99	278.21	280.26	280.21	281.01	0.014134	3.84	11.47	7.08	0.96
t.Agljo	2	Max WS	TR200_3h	70.93	277.65	280.81		281.10	0.002891	2.51	31.30	16.93	0.51
t.Agljo	2	Max WS	TR30_3h	49.58	277.65	279.80	279.75	280.37	0.008968	3.41	15.78	13.81	0.85
t.Agljo	2	Max WS	TR100_3h	63.17	277.65	280.41		280.77	0.004474	2.80	24.88	15.40	0.62

Reach	River Sta	Profile	Plan	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
t.Agljo	2	Max WS	TR500_3h	82.00	277.65	281.28		281.53	0.001965	2.33	39.98	20.92	0.43
t.Agljo	2	Max WS	TR20_3h	43.96	277.65	279.66	279.61	280.22	0.009544	3.37	13.90	12.47	0.86
t.Agljo	1	Max WS	TR200_3h	76.06	277.06	280.87		281.00	0.001046	1.84	52.20	23.41	0.33
t.Agljo	1	Max WS	TR30_3h	49.57	277.06	280.00		280.15	0.001668	1.87	32.90	21.65	0.40
t.Agljo	1	Max WS	TR100_3h	64.66	277.06	280.54		280.67	0.001177	1.81	44.69	22.54	0.35
t.Agljo	1	Max WS	TR500_3h	93.52	277.06	281.28		281.43	0.000978	1.93	62.64	25.94	0.33
t.Agljo	1	Max WS	TR20_3h	43.95	277.06	279.83		279.97	0.001851	1.87	29.11	21.36	0.41
t.Agljo	0.5	Max WS	TR200_3h	75.54	276.43	280.91		280.98	0.000481	1.42	69.08	25.94	0.23
t.Agljo	0.5	Max WS	TR30_3h	49.38	276.43	280.05		280.12	0.000563	1.29	47.87	22.77	0.24
t.Agljo	0.5	Max WS	TR100_3h	64.66	276.43	280.58		280.65	0.000516	1.38	60.52	25.93	0.24
t.Agljo	0.5	Max WS	TR500_3h	88.73	276.43	281.34		281.42	0.000427	1.44	80.30	25.94	0.22
t.Agljo	0.5	Max WS	TR20_3h	43.94	276.43	279.89		279.95	0.000566	1.25	44.08	22.49	0.24

## **AREE DI POTENZIALE ESONDAZIONE T.STURA**



HEC-RAS Profile: Max WS

Storage Area	Profile	Plan	W.S. Elev	SA Min El	Net Flux	SA Area	SA Volume
			(m)	(m)	(m3/s)	(1000 m2)	(1000 m3)
APE10d	Max WS	TR200_4h	277.59	277.25	0.02	0.04	0.01
APE10d	Max WS	TR200_5h	277.55	277.25	0.01	0.04	0.01
APE10d	Max WS	TR200_3_5h	277.59	277.25	0.09	0.04	0.01
APE10d	Max WS	TR30_3_5h	277.25	277.25	0.00	0.04	0.00
APE10d	Max WS	TR30_4h	277.25	277.25	0.00	0.04	0.00
APE10d	Max WS	TR30_5h	277.25	277.25	0.00	0.04	0.00
APE10d	Max WS	TR100_3_5h	277.25	277.25	0.00	0.04	0.00
APE10d	Max WS	TR100_4h	277.25	277.25	0.00	0.04	0.00
APE10d	Max WS	TR100_5h	277.25	277.25	0.00	0.04	0.00
APE10d	Max WS	TR500_3_5h	277.94	277.25	0.28	0.18	0.05
APE10d	Max WS	TR500_4h	277.91	277.25	0.10	0.18	0.05
APE10d	Max WS	TR500_5h	277.81	277.25	0.03	0.18	0.03
APE10d	Max WS	TR20_3_5h	277.25	277.25	0.00	0.04	0.00
APE10d	Max WS	TR20_4h	277.25	277.25	0.00	0.04	0.00
APE10d	Max WS	TR20_5h	277.25	277.25	0.00	0.04	0.00
APE10s	Max WS	TR200_4h	258.42	253.52	0.14	14.71	13.19
APE10s	Max WS	TR200_5h	258.41	253.52	-0.02	14.71	13.03
APE10s	Max WS	TR200_3_5h	258.42	253.52	0.45	14.71	13.19
APE10s	Max WS	TR30_3_5h	256.45	253.52	0.38	0.97	0.81
APE10s	Max WS	TR30_4h	256.61	253.52	0.47	2.66	1.12
APE10s	Max WS	TR30_5h	256.62	253.52	0.43	2.66	1.15
APE10s	Max WS	TR100_3_5h	258.31	253.52	2.04	14.71	11.50
APE10s	Max WS	TR100_4h	258.33	253.52	1.58	14.71	11.80
APE10s	Max WS	TR100_5h	258.33	253.52	0.95	14.71	11.84
APE10s	Max WS	TR500_3_5h	258.48	253.52	0.02	14.71	13.99
APE10s	Max WS	TR500_4h	258.48	253.52	0.03	14.71	14.00
APE10s	Max WS	TR500_5h	258.46	253.52	-0.16	14.71	13.82
APE10s	Max WS	TR20_3_5h	253.52	253.52	0.00	0.01	0.00
APE10s	Max WS	TR20_4h	253.52	253.52	0.00	0.01	0.00
APE10s	Max WS	TR20_5h	253.52	253.52	0.00	0.01	0.00
APE11d	Max WS	TR200_4h	277.54	277.09	0.00	0.02	0.01
APE11d	Max WS	TR200_5h	277.52	277.09	0.00	0.02	0.01
APE11d	Max WS	TR200_3_5h	277.54	277.09	0.00	0.02	0.01
APE11d	Max WS	TR30_3_5h	277.09	277.09	0.00	0.02	0.00
APE11d	Max WS	TR30_4h	277.09	277.09	0.00	0.02	0.00
APE11d	Max WS	TR30_5h	277.09	277.09	0.00	0.02	0.00
APE11d	Max WS	TR100_3_5h	277.09	277.09	0.00	0.02	0.00
APE11d	Max WS	TR100_4h	277.09	277.09	0.00	0.02	0.00
APE11d	Max WS	TR100_5h	277.09	277.09	0.00	0.02	0.00
APE11d	Max WS	TR500_3_5h	277.71	277.09	0.05	0.08	0.02
APE11d	Max WS	TR500_4h	277.69	277.09	0.03	0.08	0.02
APE11d	Max WS	TR500_5h	277.64	277.09	0.00	0.08	0.01
APE11d	Max WS	TR20_3_5h	277.09	277.09	0.00	0.02	0.00
APE11d	Max WS	TR20_4h	277.09	277.09	0.00	0.02	0.00
APE11d	Max WS	TR20_5h	277.09	277.09	0.00	0.02	0.00
APE12d	Max WS	TR200_4h	272.57	271.18	0.78	2.30	1.51
APE12d	Max WS	TR200_5h	272.03	271.18	0.20	1.12	87 0.45
APE12d	Max WS	TR200_3_5h	272.66	271.18	0.84	2.30	1.71

HEC-RAS Profile: Max WS (Continued)

Storage Area	Profile	Plan	W.S. Elev	SA Min El	Net Flux	SA Area	SA Volume
			(m)	(m)	(m3/s)	(1000 m2)	(1000 m3)
APE12d	Max WS	TR30_3_5h	271.18	271.18	0.00	0.10	0.00
APE12d	Max WS	TR30_4h	271.18	271.18	0.00	0.10	0.00
APE12d	Max WS	TR30_5h	271.18	271.18	0.00	0.10	0.00
APE12d	Max WS	TR100_3_5h	271.18	271.18	0.00	0.10	0.00
APE12d	Max WS	TR100_4h	271.18	271.18	0.00	0.10	0.00
APE12d	Max WS	TR100_5h	271.18	271.18	0.00	0.10	0.00
APE12d	Max WS	TR500_3_5h	274.26	271.18	0.18	7.00	9.22
APE12d	Max WS	TR500_4h	274.23	271.18	0.41	7.00	8.98
APE12d	Max WS	TR500_5h	274.13	271.18	0.04	5.86	8.34
APE12d	Max WS	TR20_3_5h	271.18	271.18	0.00	0.10	0.00
APE12d	Max WS	TR20_4h	271.18	271.18	0.00	0.10	0.00
APE12d	Max WS	TR20_5h	271.18	271.18	0.00	0.10	0.00
APE13d	Max WS	TR200_4h	273.84	270.88	0.55	1.70	2.57
APE13d	Max WS	TR200_5h	273.79	270.88	0.02	1.70	2.48
APE13d	Max WS	TR200_3_5h	273.85	270.88	0.55	1.70	2.58
APE13d	Max WS	TR30_3_5h	270.89	270.88	0.00	0.06	0.00
APE13d	Max WS	TR30_4h	270.91	270.88	0.00	0.06	0.00
APE13d	Max WS	TR30_5h	270.88	270.88	0.00	0.06	0.00
APE13d	Max WS	TR100_3_5h	273.60	270.88	0.06	1.70	2.15
APE13d	Max WS	TR100_4h	273.58	270.88	0.44	1.70	2.12
APE13d	Max WS	TR100_5h	273.51	270.88	0.02	1.70	2.01
APE13d	Max WS	TR500_3_5h	274.19	270.88	1.80	2.28	3.33
APE13d	Max WS	TR500_4h	274.16	270.88	1.70	2.28	3.28
APE13d	Max WS	TR500_5h	274.08	270.88	0.01	2.28	3.10
APE13d	Max WS	TR20_3_5h	270.88	270.88	0.00	0.06	0.00
APE13d	Max WS	TR20_4h	270.88	270.88	0.00	0.06	0.00
APE13d	Max WS	TR20_5h	270.88	270.88	0.00	0.06	0.00
APE14d	Max WS	TR200_4h	272.31	269.58	7.53	23.87	28.33
APE14d	Max WS	TR200_5h	272.26	269.58	1.73	23.87	27.28
APE14d	Max WS	TR200_3_5h	272.32	269.58	0.40	23.87	28.72
APE14d	Max WS	TR30_3_5h	271.63	269.58	4.28	21.09	13.51
APE14d	Max WS	TR30_4h	271.69	269.58	4.51	21.09	14.79
APE14d	Max WS	TR30_5h	271.65	269.58	3.60	21.09	13.95
APE14d	Max WS	TR100_3_5h	272.14	269.58	0.10	23.87	24.28
APE14d	Max WS	TR100_4h	272.13	269.58	2.28	23.87	24.18
APE14d	Max WS	TR100_5h	272.09	269.58	1.06	23.87	23.21
APE14d	Max WS	TR500_3_5h	272.58	269.58	3.96	24.25	34.96
APE14d	Max WS	TR500_4h	272.56	269.58	11.04	23.87	34.39
APE14d	Max WS	TR500_5h	272.50	269.58	1.23	23.87	32.89
APE14d	Max WS	TR20_3_5h	270.93	269.58	1.56	7.22	4.09
APE14d	Max WS	TR20_4h	271.07	269.58	1.82	7.22	5.07
APE14d	Max WS	TR20_5h	270.96	269.58	1.33	7.22	4.28
APE15d	Max WS	TR200_4h	271.81	269.56	-0.04	4.08	2.49
APE15d	Max WS	TR200_5h	271.79	269.56	0.04	4.08	2.40
APE15d	Max WS	TR200_3_5h	271.82	269.56	0.01	4.08	2.51
APE15d	Max WS	TR30_3_5h	269.56	269.56	0.00	0.06	0.00
APE15d	Max WS	TR30_4h	269.56	269.56	0.00	0.06	88 0.00
APE15d	Max WS	TR30_5h	269.56	269.56	0.00	0.06	0.00

HEC-RAS Profile: Max WS (Continued)

Storage Area	Profile	Plan	W.S. Elev	SA Min El	Net Flux	SA Area	SA Volume
			(m)	(m)	(m3/s)	(1000 m2)	(1000 m3)
APE15d	Max WS	TR100_3_5h	271.66	269.56	0.75	4.08	1.85
APE15d	Max WS	TR100_4h	271.67	269.56	0.62	4.08	1.91
APE15d	Max WS	TR100_5h	271.48	269.56	0.47	2.24	1.28
APE15d	Max WS	TR500_3_5h	271.91	269.56	0.06	4.08	2.89
APE15d	Max WS	TR500_4h	271.90	269.56	-0.01	4.08	2.86
APE15d	Max WS	TR500_5h	271.88	269.56	0.02	4.08	2.77
APE15d	Max WS	TR20_3_5h	269.56	269.56	0.00	0.06	0.00
APE15d	Max WS	TR20_4h	269.56	269.56	0.00	0.06	0.00
APE15d	Max WS	TR20_5h	269.56	269.56	0.00	0.06	0.00
APE16d	Max WS	TR200_4h	265.87	262.79	0.32	5.66	2.40
APE16d	Max WS	TR200_5h	265.85	262.79	0.15	5.66	2.28
APE16d	Max WS	TR200_3_5h	265.88	262.79	0.02	5.66	2.43
APE16d	Max WS	TR30_3_5h	265.49	262.79	0.30	2.84	1.07
APE16d	Max WS	TR30_4h	265.54	262.79	0.32	2.84	1.23
APE16d	Max WS	TR30_5h	265.52	262.79	0.26	2.84	1.17
APE16d	Max WS	TR100_3_5h	265.80	262.79	0.03	5.66	1.99
APE16d	Max WS	TR100_4h	265.80	262.79	0.07	5.66	1.99
APE16d	Max WS	TR100_5h	265.78	262.79	0.04	2.84	1.91
APE16d	Max WS	TR500_3_5h	265.98	262.79	0.04	5.66	3.02
APE16d	Max WS	TR500_4h	265.97	262.79	0.28	5.66	2.98
APE16d	Max WS	TR500_5h	265.95	262.79	0.69	5.66	2.83
APE16d	Max WS	TR20_3_5h	265.06	262.79	0.12	0.72	0.34
APE16d	Max WS	TR20_4h	265.15	262.79	0.14	0.72	0.41
APE16d	Max WS	TR20_5h	265.09	262.79	0.10	0.72	0.37
APE17d	Max WS	TR200_4h	265.33	264.14	-0.03	3.36	1.67
APE17d	Max WS	TR200_5h	265.29	264.14	0.03	3.36	1.52
APE17d	Max WS	TR200_3_5h	265.34	264.14	0.03	3.36	1.69
APE17d	Max WS	TR30_3_5h	264.14	264.14	0.00	0.34	0.00
APE17d	Max WS	TR30_4h	264.14	264.14	0.00	0.34	0.00
APE17d	Max WS	TR30_5h	264.14	264.14	0.00	0.34	0.00
APE17d	Max WS	TR100_3_5h	265.18	264.14	0.12	3.36	1.17
APE17d	Max WS	TR100_4h	265.19	264.14	0.02	3.36	1.19
APE17d	Max WS	TR100_5h	265.15	264.14	0.03	3.36	1.07
APE17d	Max WS	TR500_3_5h	265.53	264.14	0.01	3.36	2.35
APE17d	Max WS	TR500_4h	265.52	264.14	-0.03	3.36	2.31
APE17d	Max WS	TR500_5h	265.47	264.14	0.05	3.36	2.13
APE17d	Max WS	TR20_3_5h	264.14	264.14	0.00	0.34	0.00
APE17d	Max WS	TR20_4h	264.14	264.14	0.00	0.34	0.00
APE17d	Max WS	TR20_5h	264.14	264.14	0.00	0.34	0.00
APE18d	Max WS	TR200_4h	263.93	260.65	-5.35	2.22	2.88
APE18d	Max WS	TR200_5h	263.87	260.65	-3.65	2.22	2.75
APE18d	Max WS	TR200_3_5h	263.94	260.65	-5.54	2.22	2.90
APE18d	Max WS	TR30_3_5h	262.16	260.65	0.03	0.90	0.23
APE18d	Max WS	TR30_4h	262.20	260.65	0.05	0.90	0.26
APE18d	Max WS	TR30_5h	262.15	260.65	0.02	0.24	0.22
APE18d	Max WS	TR100_3_5h	263.64	260.65	-3.23	1.82	2.24
APE18d	Max WS	TR100_4h	263.66	260.65	-3.92	2.22	89 2.29
APE18d	Max WS	TR100_5h	263.49	260.65	-2.88	1.82	1.97

HEC-RAS Profile: Max WS (Continued)

Storage Area	Profile	Plan	W.S. Elev	SA Min El	Net Flux	SA Area	SA Volume
			(m)	(m)	(m3/s)	(1000 m2)	(1000 m3)
APE18d	Max WS	TR500_3_5h	264.18	260.65	-7.54	2.74	3.44
APE18d	Max WS	TR500_4h	264.16	260.65	-7.19	2.74	3.41
APE18d	Max WS	TR500_5h	264.10	260.65	-2.62	2.22	3.26
APE18d	Max WS	TR20_3_5h	260.65	260.65	0.00	0.10	0.00
APE18d	Max WS	TR20_4h	260.69	260.65	0.01	0.10	0.00
APE18d	Max WS	TR20_5h	260.65	260.65	0.00	0.10	0.00
APE19d	Max WS	TR200_4h	261.95	258.89	5.77	1.00	1.46
APE19d	Max WS	TR200_5h	261.93	258.89	5.34	1.00	1.44
APE19d	Max WS	TR200_3_5h	261.95	258.89	5.83	1.00	1.46
APE19d	Max WS	TR30_3_5h	261.06	258.89	0.24	0.80	0.68
APE19d	Max WS	TR30_4h	261.11	258.89	0.08	0.80	0.72
APE19d	Max WS	TR30_5h	261.03	258.89	0.34	0.80	0.65
APE19d	Max WS	TR100_3_5h	261.84	258.89	3.91	0.92	1.36
APE19d	Max WS	TR100_4h	261.85	258.89	4.00	0.92	1.37
APE19d	Max WS	TR100_5h	261.79	258.89	2.94	0.92	1.31
APE19d	Max WS	TR500_3_5h	262.04	258.89	8.66	1.00	1.55
APE19d	Max WS	TR500_4h	262.04	258.89	8.64	1.00	1.55
APE19d	Max WS	TR500_5h	262.02	258.89	7.55	1.00	1.53
APE19d	Max WS	TR20_3_5h	258.89	258.89	0.00	0.06	0.00
APE19d	Max WS	TR20_4h	258.89	258.89	0.00	0.06	0.00
APE19d	Max WS	TR20_5h	258.89	258.89	0.00	0.06	0.00
APE1d	Max WS	TR200_4h	303.92	304.13	-0.09	0.04	-0.01
APE1d	Max WS	TR200_5h	303.92	304.13	-0.09	0.04	-0.01
APE1d	Max WS	TR200_3_5h	303.92	304.13	-0.09	0.04	-0.01
APE1d	Max WS	TR30_3_5h	303.92	304.13	-0.09	0.04	-0.01
APE1d	Max WS	TR30_4h	303.92	304.13	-0.09	0.04	-0.01
APE1d	Max WS	TR30_5h	303.92	304.13	-0.09	0.04	-0.01
APE1d	Max WS	TR100_3_5h	303.92	304.13	-0.09	0.04	-0.01
APE1d	Max WS	TR100_4h	303.92	304.13	-0.09	0.04	-0.01
APE1d	Max WS	TR100_5h	303.92	304.13	-0.09	0.04	-0.01
APE1d	Max WS	TR500_3_5h	303.92	304.13	-0.09	0.04	-0.01
APE1d	Max WS	TR500_4h	303.92	304.13	-0.09	0.04	-0.01
APE1d	Max WS	TR500_5h	303.92	304.13	-0.09	0.04	-0.01
APE1d	Max WS	TR20_3_5h	303.92	304.13	-0.09	0.04	-0.01
APE1d	Max WS	TR20_4h	303.92	304.13	-0.09	0.04	-0.01
APE1d	Max WS	TR20_5h	303.92	304.13	-0.09	0.04	-0.01
APE1s	Max WS	TR200_4h	294.38	296.28	0.00	0.02	-0.04
APE1s	Max WS	TR200_5h	294.37	296.28	-0.05	0.02	-0.04
APE1s	Max WS	TR200_3_5h	294.43	296.28	0.00	0.02	-0.04
APE1s	Max WS	TR30_3_5h	294.37	296.28	-0.05	0.02	-0.04
APE1s	Max WS	TR30_4h	294.37	296.28	-0.05	0.02	-0.04
APE1s	Max WS	TR30_5h	294.37	296.28	-0.05	0.02	-0.04
APE1s	Max WS	TR100_3_5h	294.37	296.28	-0.05	0.02	-0.04
APE1s	Max WS	TR100_4h	294.37	296.28	-0.05	0.02	-0.04
APE1s	Max WS	TR100_5h	294.37	296.28	-0.05	0.02	-0.04
APE1s	Max WS	TR500_3_5h	294.50	296.28	0.04	0.02	-0.04
APE1s	Max WS	TR500_4h	294.47	296.28	0.00	0.02	90 -0.04
APE1s	Max WS	TR500_5h	294.41	296.28	0.00	0.02	-0.04

HEC-RAS Profile: Max WS (Continued)

Storage Area	Profile	Plan	W.S. Elev	SA Min El	Net Flux	SA Area	SA Volume
			(m)	(m)	(m3/s)	(1000 m2)	(1000 m3)
APE1s	Max WS	TR20_3_5h	294.37	296.28	-0.05	0.02	-0.04
APE1s	Max WS	TR20_4h	294.37	296.28	-0.05	0.02	-0.04
APE1s	Max WS	TR20_5h	294.37	296.28	-0.05	0.02	-0.04
APE20d	Max WS	TR200_4h	261.65	257.29	9.63	3.20	3.01
APE20d	Max WS	TR200_5h	261.58	257.29	0.24	3.20	2.78
APE20d	Max WS	TR200_3_5h	261.68	257.29	4.51	3.20	3.11
APE20d	Max WS	TR30_3_5h	259.91	257.29	0.22	0.58	0.30
APE20d	Max WS	TR30_4h	260.41	257.29	0.52	1.04	0.64
APE20d	Max WS	TR30_5h	259.09	257.29	0.06	0.12	0.08
APE20d	Max WS	TR100_3_5h	261.46	257.29	0.81	3.20	2.41
APE20d	Max WS	TR100_4h	261.46	257.29	0.60	3.20	2.42
APE20d	Max WS	TR100_5h	261.43	257.29	2.83	3.20	2.31
APE20d	Max WS	TR500_3_5h	261.89	257.29	17.32	5.54	4.01
APE20d	Max WS	TR500_4h	261.90	257.29	7.06	5.54	4.05
APE20d	Max WS	TR500_5h	261.85	257.29	4.73	5.54	3.78
APE20d	Max WS	TR20_3_5h	257.29	257.29	0.00	0.02	0.00
APE20d	Max WS	TR20_4h	257.29	257.29	0.00	0.02	0.00
APE20d	Max WS	TR20_5h	257.29	257.29	0.00	0.02	0.00
APE21d	Max WS	TR200_4h	256.34	256.34	0.00	0.01	0.00
APE21d	Max WS	TR200_5h	256.34	256.34	0.00	0.01	0.00
APE21d	Max WS	TR200_3_5h	256.34	256.34	0.00	0.01	0.00
APE21d	Max WS	TR30_3_5h	256.34	256.34	0.00	0.01	0.00
APE21d	Max WS	TR30_4h	256.34	256.34	0.00	0.01	0.00
APE21d	Max WS	TR30_5h	256.34	256.34	0.00	0.01	0.00
APE21d	Max WS	TR100_3_5h	256.34	256.34	0.00	0.01	0.00
APE21d	Max WS	TR100_4h	256.34	256.34	0.00	0.01	0.00
APE21d	Max WS	TR100_5h	256.34	256.34	0.00	0.01	0.00
APE21d	Max WS	TR500_3_5h	257.68	256.34	0.01	0.02	0.02
APE21d	Max WS	TR500_4h	257.59	256.34	0.01	0.02	0.01
APE21d	Max WS	TR500_5h	256.75	256.34	0.00	0.01	0.01
APE21d	Max WS	TR20_3_5h	256.34	256.34	0.00	0.01	0.00
APE21d	Max WS	TR20_4h	256.34	256.34	0.00	0.01	0.00
APE21d	Max WS	TR20_5h	256.34	256.34	0.00	0.01	0.00
APE22d	Max WS	TR200_4h	261.50	261.50	-0.30	10.00	-0.02
APE22d	Max WS	TR200_5h	261.50	261.50	-0.30	10.00	-0.02
APE22d	Max WS	TR200_3_5h	261.50	261.50	-0.30	10.00	-0.02
APE22d	Max WS	TR30_3_5h	261.50	261.50	-0.30	10.00	-0.02
APE22d	Max WS	TR30_4h	261.50	261.50	-0.30	10.00	-0.02
APE22d	Max WS	TR30_5h	261.50	261.50	-0.30	10.00	-0.02
APE22d	Max WS	TR100_3_5h	261.50	261.50	-0.30	10.00	-0.02
APE22d	Max WS	TR100_4h	261.50	261.50	-0.30	10.00	-0.02
APE22d	Max WS	TR100_5h	261.50	261.50	-0.30	10.00	-0.02
APE22d	Max WS	TR500_3_5h	261.50	261.50	-0.30	10.00	-0.02
APE22d	Max WS	TR500_4h	261.50	261.50	-0.30	10.00	-0.02
APE22d	Max WS	TR500_5h	261.50	261.50	-0.30	10.00	-0.02
APE22d	Max WS	TR20_3_5h	261.50	261.50	-0.30	10.00	-0.02
APE22d	Max WS	TR20_4h	261.50	261.50	-0.30	10.00	91 -0.02
APE22d	Max WS	TR20_5h	261.50	261.50	-0.30	10.00	-0.02

HEC-RAS Profile: Max WS (Continued)

Storage Area	Profile	Plan	W.S. Elev	SA Min El	Net Flux	SA Area	SA Volume
			(m)	(m)	(m3/s)	(1000 m2)	(1000 m3)
APE23d	Max WS	TR200_4h	257.69	255.01	0.91	7.88	2.67
APE23d	Max WS	TR200_5h	257.63	255.01	0.06	7.88	2.21
APE23d	Max WS	TR200_3_5h	257.70	255.01	1.28	7.88	2.78
APE23d	Max WS	TR30_3_5h	256.83	255.01	0.08	0.24	0.16
APE23d	Max WS	TR30_4h	257.01	255.01	0.08	2.10	0.20
APE23d	Max WS	TR30_5h	256.78	255.01	0.08	0.24	0.14
APE23d	Max WS	TR100_3_5h	257.47	255.01	0.32	2.10	1.17
APE23d	Max WS	TR100_4h	257.48	255.01	0.03	2.10	1.19
APE23d	Max WS	TR100_5h	257.43	255.01	0.16	2.10	1.09
APE23d	Max WS	TR500_3_5h	257.89	255.01	2.19	7.88	4.28
APE23d	Max WS	TR500_4h	257.89	255.01	2.04	7.88	4.27
APE23d	Max WS	TR500_5h	257.86	255.01	1.53	7.88	4.02
APE23d	Max WS	TR20_3_5h	255.01	255.01	0.00	0.04	0.00
APE23d	Max WS	TR20_4h	255.01	255.01	0.00	0.04	0.00
APE23d	Max WS	TR20_5h	255.01	255.01	0.00	0.04	0.00
APE24d	Max WS	TR200_4h	257.25	254.16	-4.21	3.30	6.09
APE24d	Max WS	TR200_5h	257.20	254.16	-5.24	3.30	5.94
APE24d	Max WS	TR200_3_5h	257.24	254.16	-2.92	3.30	6.08
APE24d	Max WS	TR30_3_5h	254.16	254.16	0.00	0.12	0.00
APE24d	Max WS	TR30_4h	254.27	254.16	0.02	0.12	0.01
APE24d	Max WS	TR30_5h	254.16	254.16	0.00	0.12	0.00
APE24d	Max WS	TR100_3_5h	257.07	254.16	-6.07	3.10	5.52
APE24d	Max WS	TR100_4h	257.08	254.16	-6.75	3.10	5.54
APE24d	Max WS	TR100_5h	257.04	254.16	-5.60	3.10	5.43
APE24d	Max WS	TR500_3_5h	257.43	254.16	-9.19	3.30	6.70
APE24d	Max WS	TR500_4h	257.43	254.16	-8.19	3.30	6.68
APE24d	Max WS	TR500_5h	257.38	254.16	-4.75	3.30	6.54
APE24d	Max WS	TR20_3_5h	254.16	254.16	0.00	0.12	0.00
APE24d	Max WS	TR20_4h	254.16	254.16	0.00	0.12	0.00
APE24d	Max WS	TR20_5h	254.16	254.16	0.00	0.12	0.00
APE25d	Max WS	TR200_4h	257.30	250.49	4.28	4.74	10.20
APE25d	Max WS	TR200_5h	257.24	250.49	5.26	4.74	9.92
APE25d	Max WS	TR200_3_5h	257.30	250.49	3.80	4.74	10.23
APE25d	Max WS	TR30_3_5h	250.49	250.49	0.00	0.12	0.00
APE25d	Max WS	TR30_4h	250.66	250.49	0.02	0.12	0.02
APE25d	Max WS	TR30_5h	250.49	250.49	0.00	0.12	0.00
APE25d	Max WS	TR100_3_5h	257.08	250.49	6.31	4.74	9.15
APE25d	Max WS	TR100_4h	257.08	250.49	7.00	4.74	9.15
APE25d	Max WS	TR100_5h	257.04	250.49	6.00	4.74	8.98
APE25d	Max WS	TR500_3_5h	257.46	250.49	9.28	4.74	10.99
APE25d	Max WS	TR500_4h	257.46	250.49	8.22	4.74	10.99
APE25d	Max WS	TR500_5h	257.45	250.49	4.78	4.74	10.90
APE25d	Max WS	TR20_3_5h	250.49	250.49	0.00	0.12	0.00
APE25d	Max WS	TR20_4h	250.49	250.49	0.00	0.12	0.00
APE25d	Max WS	TR20_5h	250.49	250.49	0.00	0.12	0.00
APE26d	Max WS	TR200_4h	258.00	254.10	0.00	10000.00	<del>3900</del> 2.09
APE26d	Max WS	TR200_5h	258.00	254.10	0.00	10000.00	39002.09

HEC-RAS Profile: Max WS (Continued)

Storage Area	Profile	Plan	W.S. Elev	SA Min El	Net Flux	SA Area	SA Volume
			(m)	(m)	(m3/s)	(1000 m2)	(1000 m3)
APE26d	Max WS	TR200_3_5h	258.00	254.10	0.00	10000.00	39002.09
APE26d	Max WS	TR30_3_5h	258.00	254.10	0.00	10000.00	39002.09
APE26d	Max WS	TR30_4h	258.00	254.10	0.00	10000.00	39002.09
APE26d	Max WS	TR30_5h	258.00	254.10	0.00	10000.00	39002.09
APE26d	Max WS	TR100_3_5h	258.00	254.10	0.00	10000.00	39002.09
APE26d	Max WS	TR100_4h	258.00	254.10	0.00	10000.00	39002.09
APE26d	Max WS	TR100_5h	258.00	254.10	0.00	10000.00	39002.09
APE26d	Max WS	TR500_3_5h	258.00	254.10	0.00	10000.00	39002.09
APE26d	Max WS	TR500_4h	258.00	254.10	0.00	10000.00	39002.09
APE26d	Max WS	TR500_5h	258.00	254.10	0.00	10000.00	39002.09
APE26d	Max WS	TR20_3_5h	258.00	254.10	0.00	10000.00	39002.09
APE26d	Max WS	TR20_4h	258.00	254.10	0.00	10000.00	39002.09
APE26d	Max WS	TR20_5h	258.00	254.10	0.00	10000.00	39002.09
APE2d	Max WS	TR200_4h	302.48	302.48	0.00	0.02	0.00
APE2d	Max WS	TR200_5h	302.48	302.48	0.00	0.02	0.00
APE2d	Max WS	TR200_3_5h	302.48	302.48	0.00	0.02	0.00
APE2d	Max WS	TR30_3_5h	302.48	302.48	0.00	0.02	0.00
APE2d	Max WS	TR30_4h	302.48	302.48	0.00	0.02	0.00
APE2d	Max WS	TR30_5h	302.48	302.48	0.00	0.02	0.00
APE2d	Max WS	TR100_3_5h	302.48	302.48	0.00	0.02	0.00
APE2d	Max WS	TR100_4h	302.48	302.48	0.00	0.02	0.00
APE2d	Max WS	TR100_5h	302.48	302.48	0.00	0.02	0.00
APE2d	Max WS	TR500_3_5h	302.48	302.48	0.00	0.02	0.00
APE2d	Max WS	TR500_4h	302.48	302.48	0.00	0.02	0.00
APE2d	Max WS	TR500_5h	302.48	302.48	0.00	0.02	0.00
APE2d	Max WS	TR20_3_5h	302.48	302.48	0.00	0.02	0.00
APE2d	Max WS	TR20_4h	302.48	302.48	0.00	0.02	0.00
APE2d	Max WS	TR20_5h	302.48	302.48	0.00	0.02	0.00
APE2s	Max WS	TR200_4h	292.50	292.50	0.00	0.16	0.00
APE2s	Max WS	TR200_5h	292.50	292.50	0.00	0.16	0.00
APE2s	Max WS	TR200_3_5h	292.50	292.50	0.00	0.16	0.00
APE2s	Max WS	TR30_3_5h	292.50	292.50	0.00	0.16	0.00
APE2s	Max WS	TR30_4h	292.50	292.50	0.00	0.16	0.00
APE2s	Max WS	TR30_5h	292.50	292.50	0.00	0.16	0.00
APE2s	Max WS	TR100_3_5h	292.50	292.50	0.00	0.16	0.00
APE2s	Max WS	TR100_4h	292.50	292.50	0.00	0.16	0.00
APE2s	Max WS	TR100_5h	292.50	292.50	0.00	0.16	0.00
APE2s	Max WS	TR500_3_5h	292.50	292.50	0.00	0.16	0.00
APE2s	Max WS	TR500_4h	292.50	292.50	0.00	0.16	0.00
APE2s	Max WS	TR500_5h	292.50	292.50	0.00	0.16	0.00
APE2s	Max WS	TR20_3_5h	292.50	292.50	0.00	0.16	0.00
APE2s	Max WS	TR20_4h	292.50	292.50	0.00	0.16	0.00
APE2s	Max WS	TR20_5h	292.50	292.50	0.00	0.16	0.00
APE3d	Max WS	TR200_4h	299.02	298.00	0.00	1.10	0.10
APE3d	Max WS	TR200_5h	298.00	298.00	0.00	0.10	0.00
APE3d	Max WS	TR200_3_5h	299.08	298.00	0.00	1.10	0.17
APE3d	Max WS	TR30_3_5h	298.00	298.00	0.00	0.10	93 0.00
APE3d	Max WS	TR30_4h	298.00	298.00	0.00	0.10	0.00

HEC-RAS Profile: Max WS (Continued)

Storage Area	Profile	Plan	W.S. Elev	SA Min El	Net Flux	SA Area	SA Volume
			(m)	(m)	(m3/s)	(1000 m2)	(1000 m3)
APE3d	Max WS	TR30_5h	298.00	298.00	0.00	0.10	0.00
APE3d	Max WS	TR100_3_5h	298.17	298.00	0.00	0.10	0.02
APE3d	Max WS	TR100_4h	298.00	298.00	0.00	0.10	0.00
APE3d	Max WS	TR100_5h	298.00	298.00	0.00	0.10	0.00
APE3d	Max WS	TR500_3_5h	299.21	298.00	0.10	1.10	0.31
APE3d	Max WS	TR500_4h	299.15	298.00	0.01	1.10	0.25
APE3d	Max WS	TR500_5h	299.06	298.00	0.00	1.10	0.14
APE3d	Max WS	TR20_3_5h	298.00	298.00	0.00	0.10	0.00
APE3d	Max WS	TR20_4h	298.00	298.00	0.00	0.10	0.00
APE3d	Max WS	TR20_5h	298.00	298.00	0.00	0.10	0.00
APE3s	Max WS	TR200_4h	289.02	287.78	0.57	0.88	0.36
APE3s	Max WS	TR200_5h	288.90	287.78	1.17	0.88	0.26
APE3s	Max WS	TR200_3_5h	289.05	287.78	0.72	0.88	0.39
APE3s	Max WS	TR30_3_5h	288.36	287.78	0.16	0.10	0.11
APE3s	Max WS	TR30_4h	288.35	287.78	0.03	0.10	0.11
APE3s	Max WS	TR30_5h	288.28	287.78	0.01	0.10	0.10
APE3s	Max WS	TR100_3_5h	288.81	287.78	0.64	0.88	0.17
APE3s	Max WS	TR100_4h	288.78	287.78	0.30	0.88	0.15
APE3s	Max WS	TR100_5h	288.62	287.78	0.16	0.10	0.13
APE3s	Max WS	TR500_3_5h	289.41	287.78	3.83	2.10	0.87
APE3s	Max WS	TR500_4h	289.37	287.78	0.93	2.10	0.78
APE3s	Max WS	TR500_5h	289.22	287.78	3.09	0.88	0.54
APE3s	Max WS	TR20_3_5h	288.24	287.78	0.09	0.20	0.09
APE3s	Max WS	TR20_4h	288.24	287.78	0.02	0.20	0.09
APE3s	Max WS	TR20_5h	288.18	287.78	0.00	0.20	0.08
APE4d	Max WS	TR200_4h	297.02	296.66	0.02	1.18	0.42
APE4d	Max WS	TR200_5h	296.66	296.66	0.00	1.18	0.00
APE4d	Max WS	TR200_3_5h	297.03	296.66	0.00	1.18	0.44
APE4d	Max WS	TR30_3_5h	296.66	296.66	0.00	1.18	0.00
APE4d	Max WS	TR30_4h	296.66	296.66	0.00	1.18	0.00
APE4d	Max WS	TR30_5h	296.66	296.66	0.00	1.18	0.00
APE4d	Max WS	TR100_3_5h	296.67	296.66	0.01	1.18	0.01
APE4d	Max WS	TR100_4h	296.66	296.66	0.00	1.18	0.00
APE4d	Max WS	TR100_5h	296.66	296.66	0.00	1.18	0.00
APE4d	Max WS	TR500_3_5h	297.07	296.66	0.11	1.18	0.48
APE4d	Max WS	TR500_4h	297.05	296.66	0.01	1.18	0.46
APE4d	Max WS	TR500_5h	297.03	296.66	0.01	1.18	0.43
APE4d	Max WS	TR20_3_5h	296.66	296.66	0.00	1.18	0.00
APE4d	Max WS	TR20_4h	296.66	296.66	0.00	1.18	0.00
APE4d	Max WS	TR20_5h	296.66	296.66	0.00	1.18	0.00
APE4s	Max WS	TR200_4h	287.29	287.29	0.00	0.04	0.00
APE4s	Max WS	TR200_5h	287.29	287.29	0.00	0.04	0.00
APE4s	Max WS	TR200_3_5h	287.29	287.29	0.00	0.04	0.00
APE4s	Max WS	TR30_3_5h	287.29	287.29	0.00	0.04	0.00
APE4s	Max WS	TR30_4h	287.29	287.29	0.00	0.04	0.00
APE4s	Max WS	TR30_5h	287.29	287.29	0.00	0.04	0.00
APE4s	Max WS	TR100_3_5h	287.29	287.29	0.00	0.04	94 0.00
APE4s	Max WS	TR100_4h	287.29	287.29	0.00	0.04	0.00



HEC-RAS Profile: Max WS (Continued)

Storage Area	Profile	Plan	W.S. Elev	SA Min El	Net Flux	SA Area	SA Volume
			(m)	(m)	(m3/s)	(1000 m2)	(1000 m3)
APE4s	Max WS	TR100_5h	287.29	287.29	0.00	0.04	0.00
APE4s	Max WS	TR500_3_5h	287.29	287.29	0.00	0.04	0.00
APE4s	Max WS	TR500_4h	287.29	287.29	0.00	0.04	0.00
APE4s	Max WS	TR500_5h	287.29	287.29	0.00	0.04	0.00
APE4s	Max WS	TR20_3_5h	287.29	287.29	0.00	0.04	0.00
APE4s	Max WS	TR20_4h	287.29	287.29	0.00	0.04	0.00
APE4s	Max WS	TR20_5h	287.29	287.29	0.00	0.04	0.00
APE5d	Max WS	TR200_4h	289.07	287.95	-0.02	0.84	0.35
APE5d	Max WS	TR200_5h	287.95	287.95	0.00	0.10	0.00
APE5d	Max WS	TR200_3_5h	289.13	287.95	0.00	0.84	0.40
APE5d	Max WS	TR30_3_5h	287.95	287.95	0.00	0.10	0.00
APE5d	Max WS	TR30_4h	287.95	287.95	0.00	0.10	0.00
APE5d	Max WS	TR30_5h	287.95	287.95	0.00	0.10	0.00
APE5d	Max WS	TR100_3_5h	287.95	287.95	0.00	0.10	0.00
APE5d	Max WS	TR100_4h	287.95	287.95	0.00	0.10	0.00
APE5d	Max WS	TR100_5h	287.95	287.95	0.00	0.10	0.00
APE5d	Max WS	TR500_3_5h	289.28	287.95	-0.02	0.84	0.53
APE5d	Max WS	TR500_4h	289.21	287.95	-0.01	0.84	0.47
APE5d	Max WS	TR500_5h	289.11	287.95	-0.01	0.84	0.38
APE5d	Max WS	TR20_3_5h	287.95	287.95	0.00	0.10	0.00
APE5d	Max WS	TR20_4h	287.95	287.95	0.00	0.10	0.00
APE5d	Max WS	TR20_5h	287.95	287.95	0.00	0.10	0.00
APE5s	Max WS	TR200_4h	282.99	280.79	0.33	2.08	1.74
APE5s	Max WS	TR200_5h	282.86	280.79	0.06	2.08	1.46
APE5s	Max WS	TR200_3_5h	283.04	280.79	0.45	2.08	1.85
APE5s	Max WS	TR30_3_5h	280.79	280.79	0.00	0.20	0.00
APE5s	Max WS	TR30_4h	280.79	280.79	0.00	0.20	0.00
APE5s	Max WS	TR30_5h	280.79	280.79	0.00	0.20	0.00
APE5s	Max WS	TR100_3_5h	282.73	280.79	0.16	1.26	1.24
APE5s	Max WS	TR100_4h	282.70	280.79	0.09	1.26	1.20
APE5s	Max WS	TR100_5h	282.05	280.79	0.37	0.84	0.49
APE5s	Max WS	TR500_3_5h	283.46	280.79	0.61	3.34	2.92
APE5s	Max WS	TR500_4h	283.39	280.79	0.67	3.34	2.70
APE5s	Max WS	TR500_5h	283.23	280.79	0.31	2.08	2.24
APE5s	Max WS	TR20_3_5h	280.79	280.79	0.00	0.20	0.00
APE5s	Max WS	TR20_4h	280.79	280.79	0.00	0.20	0.00
APE5s	Max WS	TR20_5h	280.79	280.79	0.00	0.20	0.00
APE6d	Max WS	TR200_4h	290.88	290.88	0.00	0.20	0.00
APE6d	Max WS	TR200_5h	290.88	290.88	0.00	0.20	0.00
APE6d	Max WS	TR200_3_5h	290.88	290.88	0.00	0.20	0.00
APE6d	Max WS	TR30_3_5h	290.88	290.88	0.00	0.20	0.00
APE6d	Max WS	TR30_4h	290.88	290.88	0.00	0.20	0.00
APE6d	Max WS	TR30_5h	290.88	290.88	0.00	0.20	0.00
APE6d	Max WS	TR100_3_5h	290.88	290.88	0.00	0.20	0.00
APE6d	Max WS	TR100_4h	290.88	290.88	0.00	0.20	0.00
APE6d	Max WS	TR100_5h	290.88	290.88	0.00	0.20	0.00
APE6d	Max WS	TR500_3_5h	290.88	290.88	0.00	0.20	95 0.00
APE6d	Max WS	TR500_4h	290.88	290.88	0.00	0.20	0.00

HEC-RAS Profile: Max WS (Continued)

Storage Area	Profile	Plan	W.S. Elev	SA Min El	Net Flux	SA Area	SA Volume
			(m)	(m)	(m3/s)	(1000 m2)	(1000 m3)
APE6d	Max WS	TR500_5h	290.88	290.88	0.00	0.20	0.00
APE6d	Max WS	TR20_3_5h	290.88	290.88	0.00	0.20	0.00
APE6d	Max WS	TR20_4h	290.88	290.88	0.00	0.20	0.00
APE6d	Max WS	TR20_5h	290.88	290.88	0.00	0.20	0.00
APE6s	Max WS	TR200_4h	282.08	278.75	0.03	2.18	1.73
APE6s	Max WS	TR200_5h	281.97	278.75	-0.02	2.18	1.48
APE6s	Max WS	TR200_3_5h	282.12	278.75	0.02	2.18	1.82
APE6s	Max WS	TR30_3_5h	278.75	278.75	0.00	0.06	0.00
APE6s	Max WS	TR30_4h	278.75	278.75	0.00	0.06	0.00
APE6s	Max WS	TR30_5h	278.75	278.75	0.00	0.06	0.00
APE6s	Max WS	TR100_3_5h	281.84	278.75	0.08	2.18	1.19
APE6s	Max WS	TR100_4h	281.80	278.75	0.14	2.18	1.11
APE6s	Max WS	TR100_5h	278.75	278.75	0.00	0.06	0.00
APE6s	Max WS	TR500_3_5h	282.39	278.75	0.01	3.42	2.58
APE6s	Max WS	TR500_4h	282.36	278.75	0.00	3.42	2.45
APE6s	Max WS	TR500_5h	282.26	278.75	0.06	3.42	2.11
APE6s	Max WS	TR20_3_5h	278.75	278.75	0.00	0.06	0.00
APE6s	Max WS	TR20_4h	278.75	278.75	0.00	0.06	0.00
APE6s	Max WS	TR20_5h	278.75	278.75	0.00	0.06	0.00
APE7d	Max WS	TR200_4h	289.29	287.74	0.64	2.56	0.52
APE7d	Max WS	TR200_5h	289.24	287.74	0.25	2.56	0.39
APE7d	Max WS	TR200_3_5h	289.32	287.74	-0.46	2.56	0.58
APE7d	Max WS	TR30_3_5h	288.17	287.74	0.05	0.20	0.09
APE7d	Max WS	TR30_4h	288.50	287.74	0.09	0.20	0.15
APE7d	Max WS	TR30_5h	288.16	287.74	0.05	0.20	0.08
APE7d	Max WS	TR100_3_5h	289.17	287.74	0.00	0.36	0.35
APE7d	Max WS	TR100_4h	289.17	287.74	0.06	0.36	0.36
APE7d	Max WS	TR100_5h	289.15	287.74	0.05	0.36	0.35
APE7d	Max WS	TR500_3_5h	289.44	287.74	3.95	2.56	0.90
APE7d	Max WS	TR500_4h	289.52	287.74	0.28	2.56	1.10
APE7d	Max WS	TR500_5h	289.46	287.74	0.78	2.56	0.93
APE7d	Max WS	TR20_3_5h	287.74	287.74	0.00	0.20	0.00
APE7d	Max WS	TR20_4h	287.74	287.74	0.00	0.20	0.00
APE7d	Max WS	TR20_5h	287.74	287.74	0.00	0.20	0.00
APE7s	Max WS	TR200_4h	265.36	263.60	0.19	4.10	2.24
APE7s	Max WS	TR200_5h	265.31	263.60	0.03	4.10	2.01
APE7s	Max WS	TR200_3_5h	265.37	263.60	-0.07	4.10	2.28
APE7s	Max WS	TR30_3_5h	264.94	263.60	0.58	2.04	0.85
APE7s	Max WS	TR30_4h	264.95	263.60	0.82	2.04	0.87
APE7s	Max WS	TR30_5h	264.95	263.60	0.20	2.04	0.86
APE7s	Max WS	TR100_3_5h	265.19	263.60	-0.73	4.10	1.53
APE7s	Max WS	TR100_4h	265.19	263.60	-0.60	4.10	1.53
APE7s	Max WS	TR100_5h	265.15	263.60	-0.33	4.10	1.36
APE7s	Max WS	TR500_3_5h	265.64	263.60	0.10	6.52	3.50
APE7s	Max WS	TR500_4h	265.62	263.60	0.62	6.52	3.37
APE7s	Max WS	TR500_5h	265.54	263.60	1.88	4.10	2.99
APE7s	Max WS	TR20_3_5h	264.79	263.60	2.67	2.04	96 0.54
APE7s	Max WS	TR20_4h	264.85	263.60	2.46	2.04	0.66

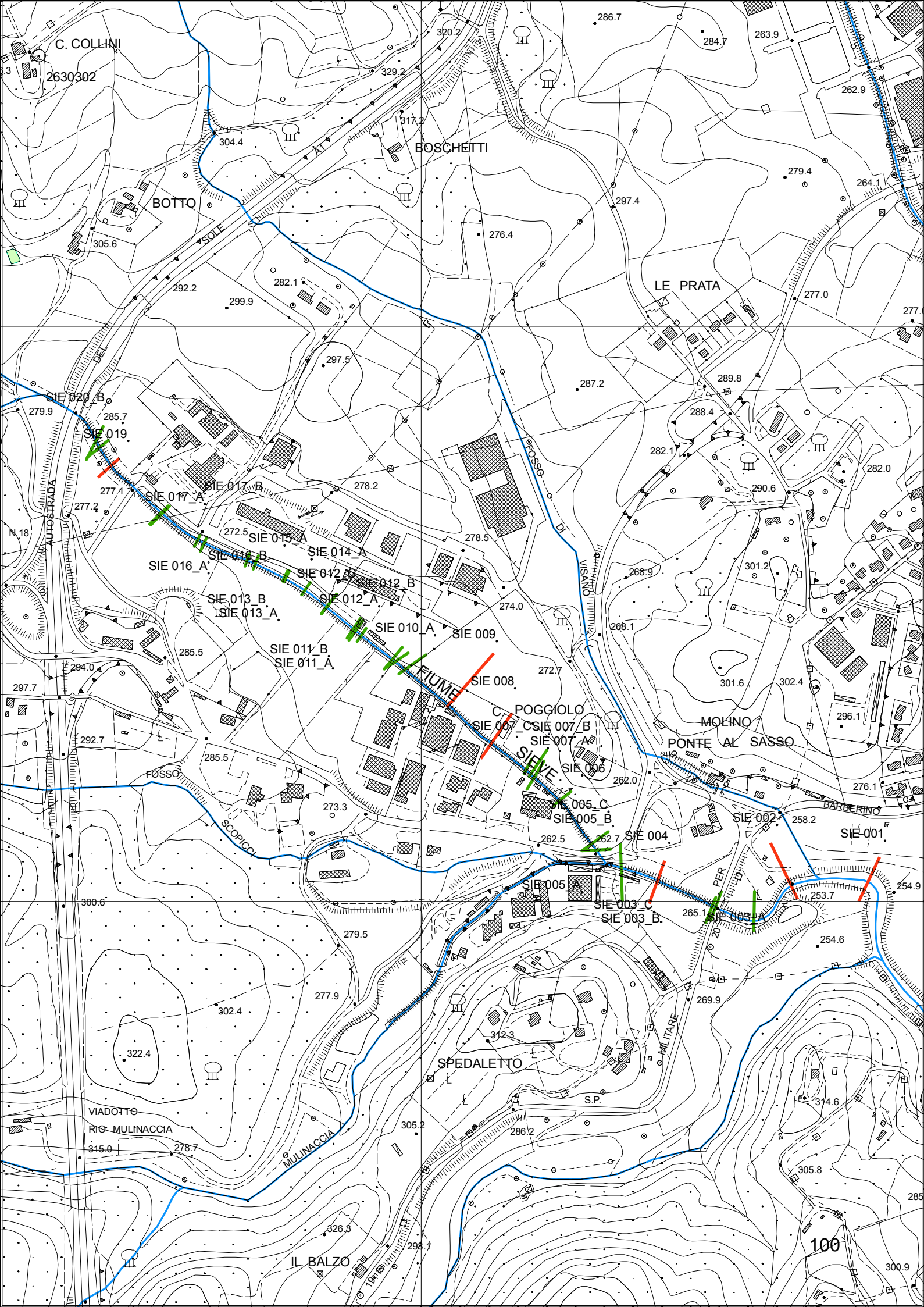
HEC-RAS Profile: Max WS (Continued)

Storage Area	Profile	Plan	W.S. Elev	SA Min El	Net Flux	SA Area	SA Volume
			(m)	(m)	(m3/s)	(1000 m2)	(1000 m3)
APE7s	Max WS	TR20_5h	264.85	263.60	1.65	2.04	0.65
APE8d	Max WS	TR200_4h	285.31	281.98	0.13	2.18	2.33
APE8d	Max WS	TR200_5h	285.26	281.98	0.00	2.18	2.22
APE8d	Max WS	TR200_3_5h	285.33	281.98	0.39	2.18	2.39
APE8d	Max WS	TR30_3_5h	281.98	281.98	0.00	0.02	0.00
APE8d	Max WS	TR30_4h	281.98	281.98	0.00	0.02	0.00
APE8d	Max WS	TR30_5h	281.98	281.98	0.00	0.02	0.00
APE8d	Max WS	TR100_3_5h	285.17	281.98	0.09	2.18	2.03
APE8d	Max WS	TR100_4h	285.18	281.98	0.04	2.18	2.05
APE8d	Max WS	TR100_5h	285.15	281.98	-0.01	2.18	1.99
APE8d	Max WS	TR500_3_5h	285.44	281.98	1.43	2.18	2.63
APE8d	Max WS	TR500_4h	285.50	281.98	0.91	3.24	2.76
APE8d	Max WS	TR500_5h	285.44	281.98	0.29	2.18	2.62
APE8d	Max WS	TR20_3_5h	281.98	281.98	0.00	0.02	0.00
APE8d	Max WS	TR20_4h	281.98	281.98	0.00	0.02	0.00
APE8d	Max WS	TR20_5h	281.98	281.98	0.00	0.02	0.00
APE8s	Max WS	TR200_4h	265.24	261.79	0.04	17.25	16.34
APE8s	Max WS	TR200_5h	265.20	261.79	0.36	17.25	15.74
APE8s	Max WS	TR200_3_5h	265.24	261.79	0.19	17.25	16.43
APE8s	Max WS	TR30_3_5h	264.93	261.79	0.59	17.25	10.99
APE8s	Max WS	TR30_4h	264.94	261.79	-0.12	17.25	11.18
APE8s	Max WS	TR30_5h	264.93	261.79	-0.02	17.25	11.12
APE8s	Max WS	TR100_3_5h	265.12	261.79	1.05	17.25	14.31
APE8s	Max WS	TR100_4h	265.12	261.79	0.77	17.25	14.32
APE8s	Max WS	TR100_5h	265.09	261.79	0.59	17.25	13.80
APE8s	Max WS	TR500_3_5h	265.39	261.79	0.02	17.91	18.98
APE8s	Max WS	TR500_4h	265.38	261.79	-0.41	17.91	18.85
APE8s	Max WS	TR500_5h	265.34	261.79	-0.96	17.91	18.18
APE8s	Max WS	TR20_3_5h	264.79	261.79	0.00	11.66	8.64
APE8s	Max WS	TR20_4h	264.85	261.79	-0.06	17.25	9.63
APE8s	Max WS	TR20_5h	264.84	261.79	0.38	17.25	9.54
APE9d	Max WS	TR200_4h	284.05	280.50	0.21	2.52	1.83
APE9d	Max WS	TR200_5h	283.96	280.50	0.17	1.08	1.64
APE9d	Max WS	TR200_3_5h	284.08	280.50	0.45	2.52	1.90
APE9d	Max WS	TR30_3_5h	280.50	280.50	0.00	0.02	0.00
APE9d	Max WS	TR30_4h	280.50	280.50	0.00	0.02	0.00
APE9d	Max WS	TR30_5h	280.50	280.50	0.00	0.02	0.00
APE9d	Max WS	TR100_3_5h	282.23	280.50	0.16	0.44	0.31
APE9d	Max WS	TR100_4h	282.00	280.50	0.09	0.44	0.21
APE9d	Max WS	TR100_5h	281.28	280.50	0.02	0.14	0.05
APE9d	Max WS	TR500_3_5h	284.33	280.50	0.12	2.52	2.52
APE9d	Max WS	TR500_4h	284.30	280.50	0.27	2.52	2.45
APE9d	Max WS	TR500_5h	284.21	280.50	0.59	2.52	2.22
APE9d	Max WS	TR20_3_5h	280.50	280.50	0.00	0.02	0.00
APE9d	Max WS	TR20_4h	280.50	280.50	0.00	0.02	0.00
APE9d	Max WS	TR20_5h	280.50	280.50	0.00	0.02	0.00
							97
APE9s	Max WS	TR200_4h	261.80	260.30	2.23	1.92	1.09

HEC-RAS Profile: Max WS (Continued)

Storage Area	Profile	Plan	W.S. Elev (m)	SA Min El (m)	Net Flux (m3/s)	SA Area (1000 m2)	SA Volume (1000 m3)
APE9s	Max WS	TR200_5h	261.77	260.30	0.14	1.55	1.04
APE9s	Max WS	TR200_3_5h	261.81	260.30	1.20	1.92	1.11
APE9s	Max WS	TR30_3_5h	261.55	260.30	-0.01	1.55	0.70
APE9s	Max WS	TR30_4h	261.56	260.30	-0.01	1.55	0.71
APE9s	Max WS	TR30_5h	261.55	260.30	0.01	1.55	0.70
APE9s	Max WS	TR100_3_5h	261.70	260.30	0.06	1.55	0.93
APE9s	Max WS	TR100_4h	261.70	260.30	0.01	1.55	0.93
APE9s	Max WS	TR100_5h	261.68	260.30	0.05	1.55	0.89
APE9s	Max WS	TR500_3_5h	261.96	260.30	11.45	1.92	1.39
APE9s	Max WS	TR500_4h	261.96	260.30	4.93	1.92	1.39
APE9s	Max WS	TR500_5h	261.91	260.30	3.86	1.92	1.30
APE9s	Max WS	TR20_3_5h	260.30	260.30	0.00	0.05	0.00
APE9s	Max WS	TR20_4h	261.47	260.30	0.18	1.55	0.57
APE9s	Max WS	TR20_5h	261.46	260.30	0.16	1.55	0.56

# TORRENTE SIEVE



C. COLLINI

2630302

BOTTO

BOSCHETTI

LE PRATA

SIE 020\_B

SIE 019

SIE 017\_B

SIE 017\_A

SIE 015\_A

SIE 016\_B

SIE 016\_A

SIE 014\_A

SIE 012\_B

SIE 012\_A

SIE 013\_B

SIE 013\_A

SIE 010\_A

SIE 009

SIE 011\_B

SIE 011\_A

FIUME

SIE 008

C. POGGIOLO

SIE 007\_B

SIE 007\_A

SIE 006

SIE 005\_C

SIE 005\_B

SIE 004

MOLINO

PONTE AL SASSO

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SIE 001

VIADOTTO

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278.7

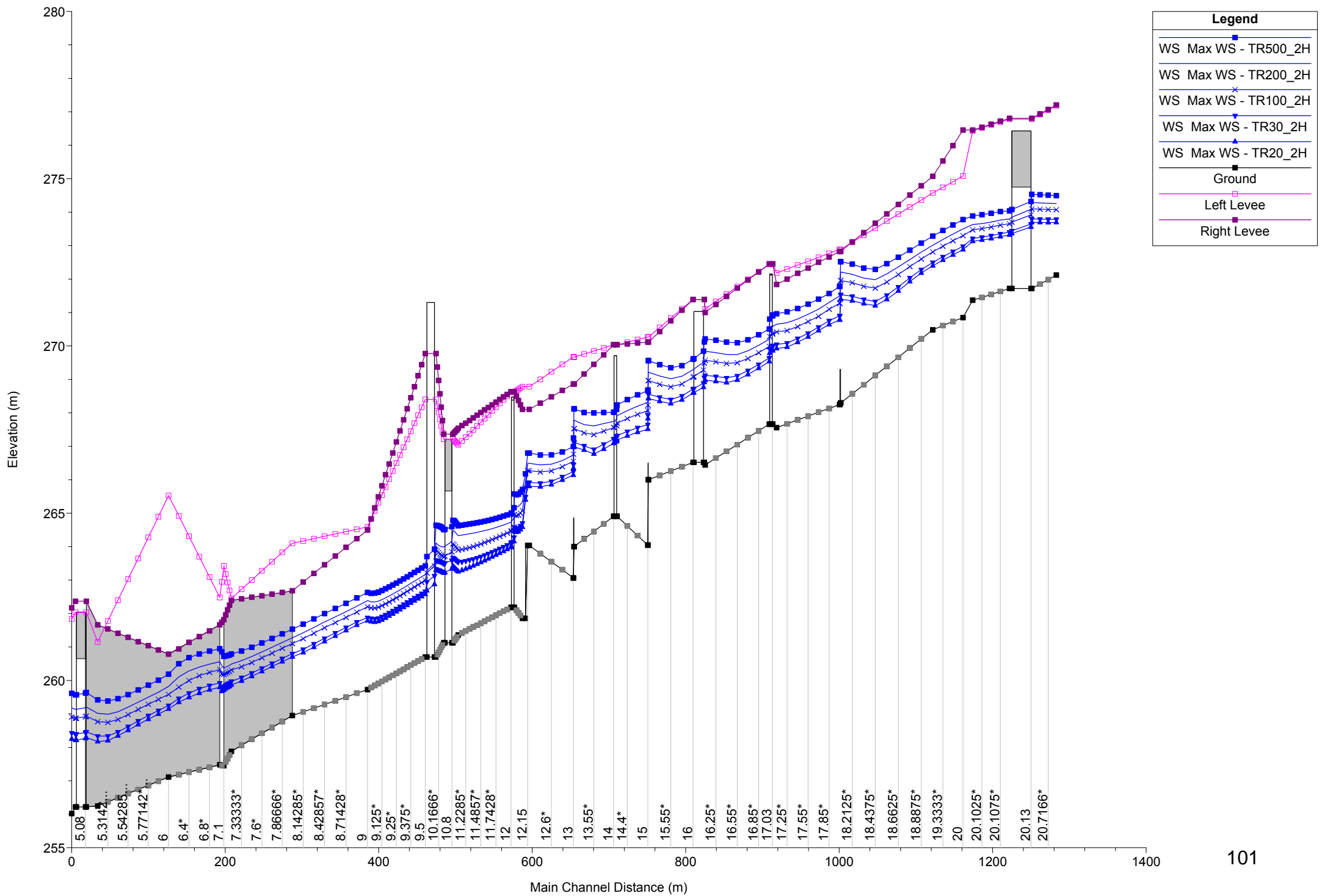
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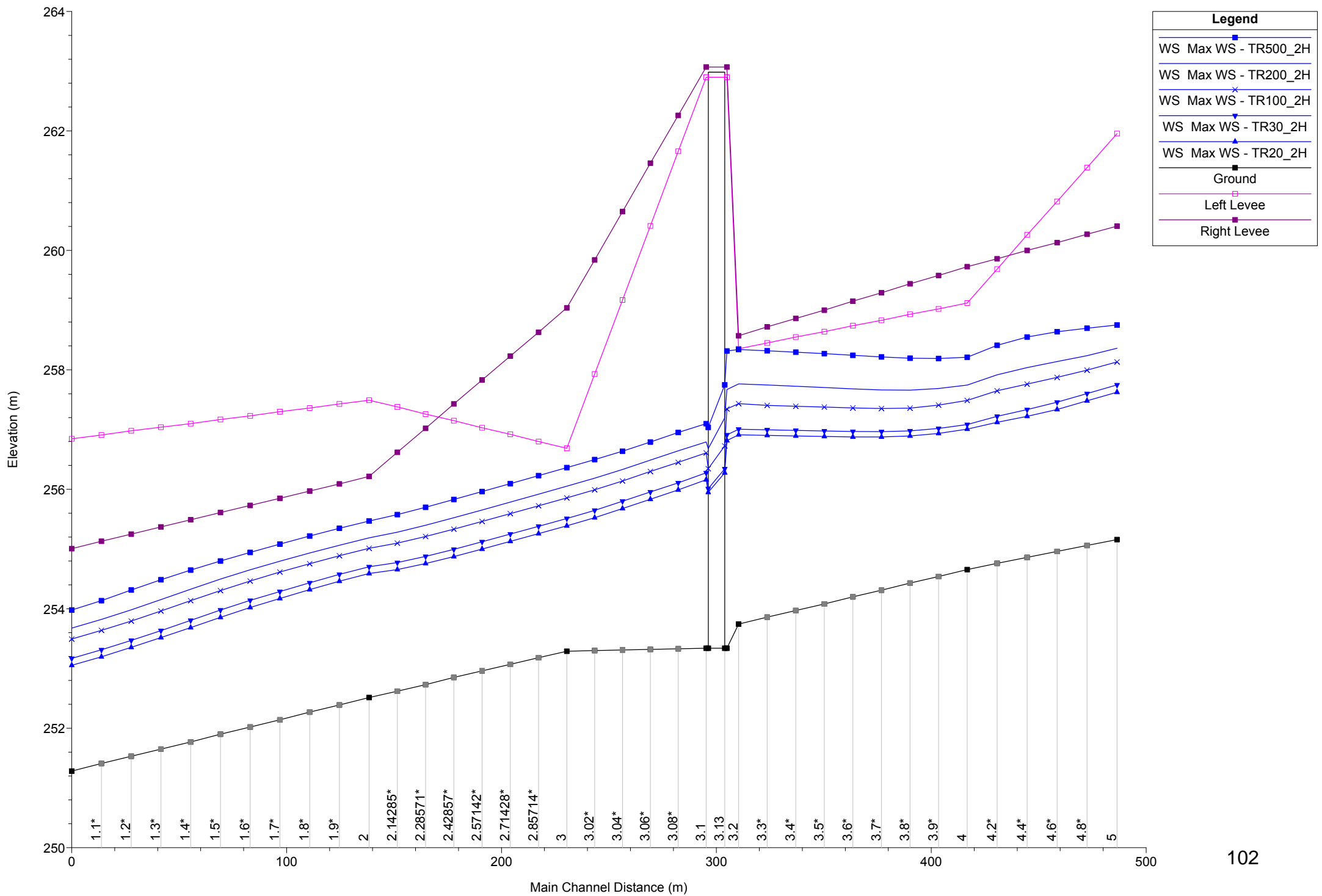
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S.P.

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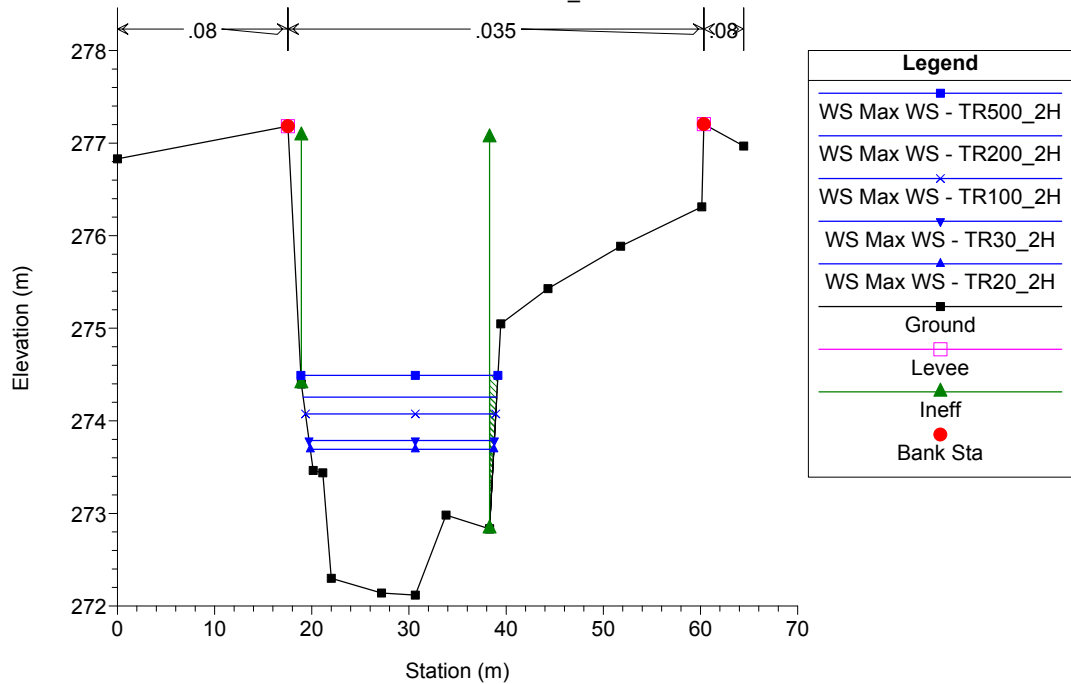
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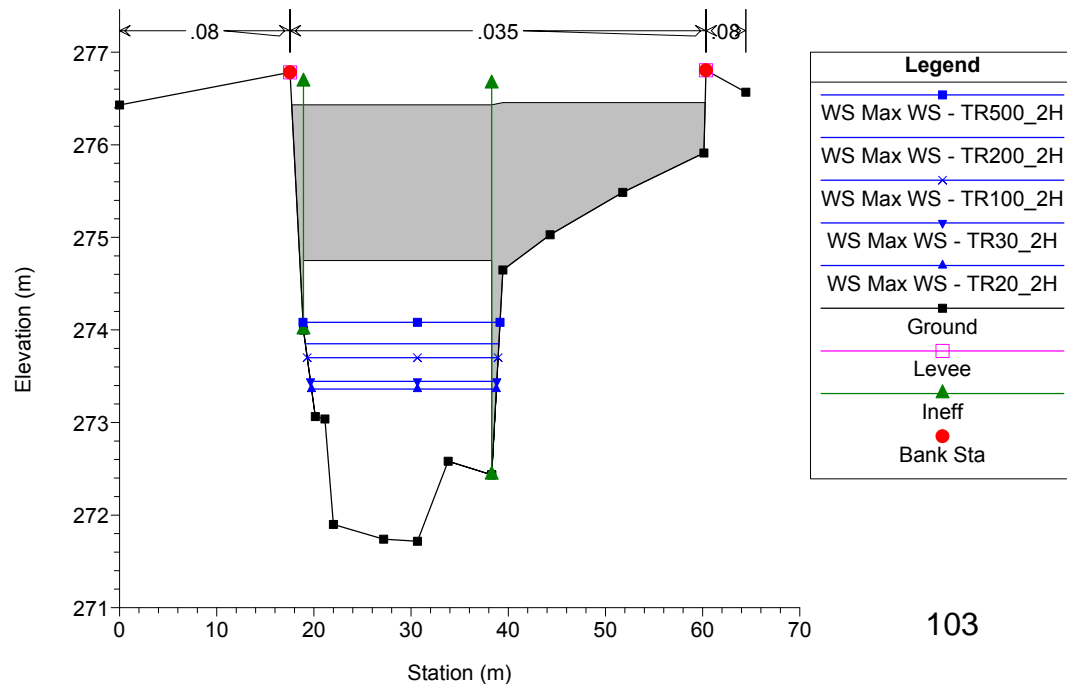
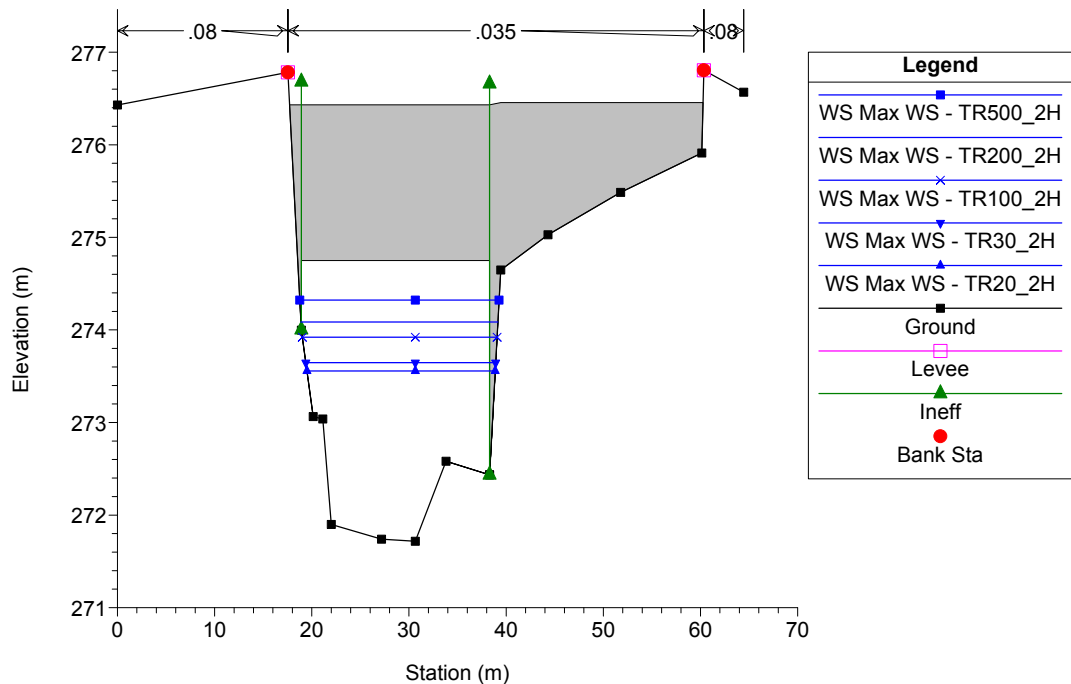
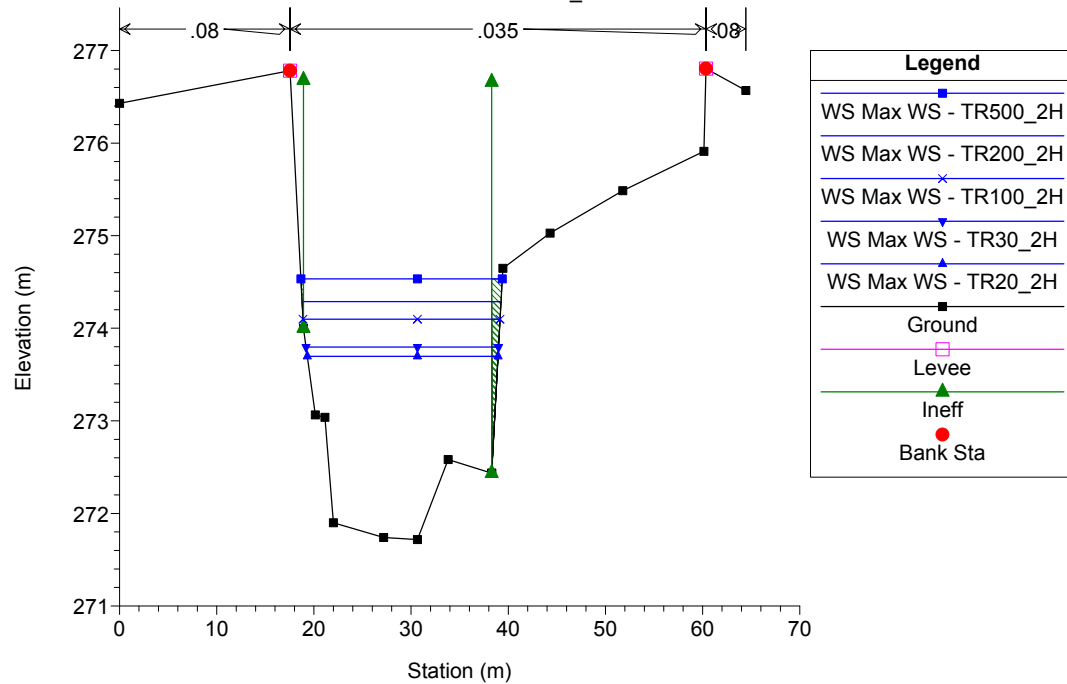




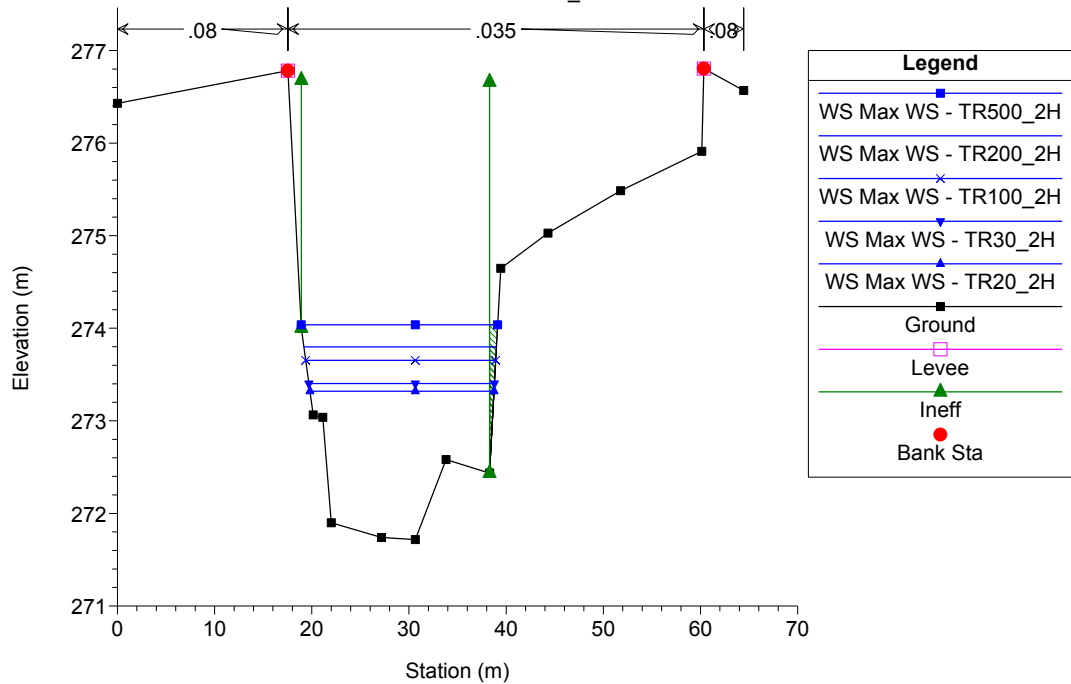
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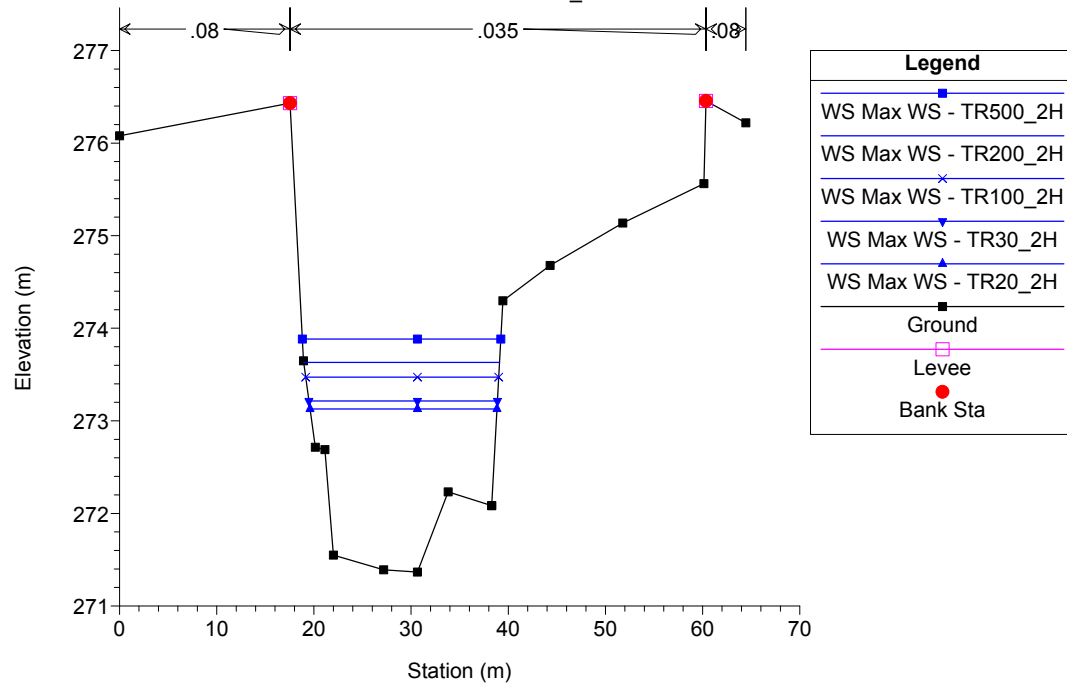
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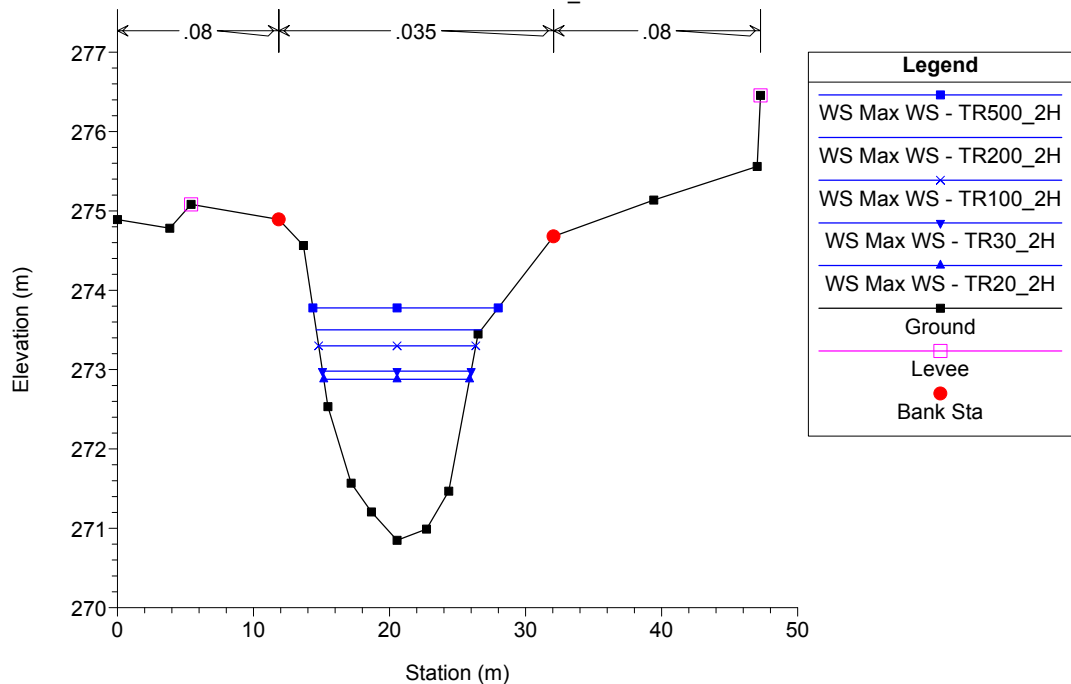
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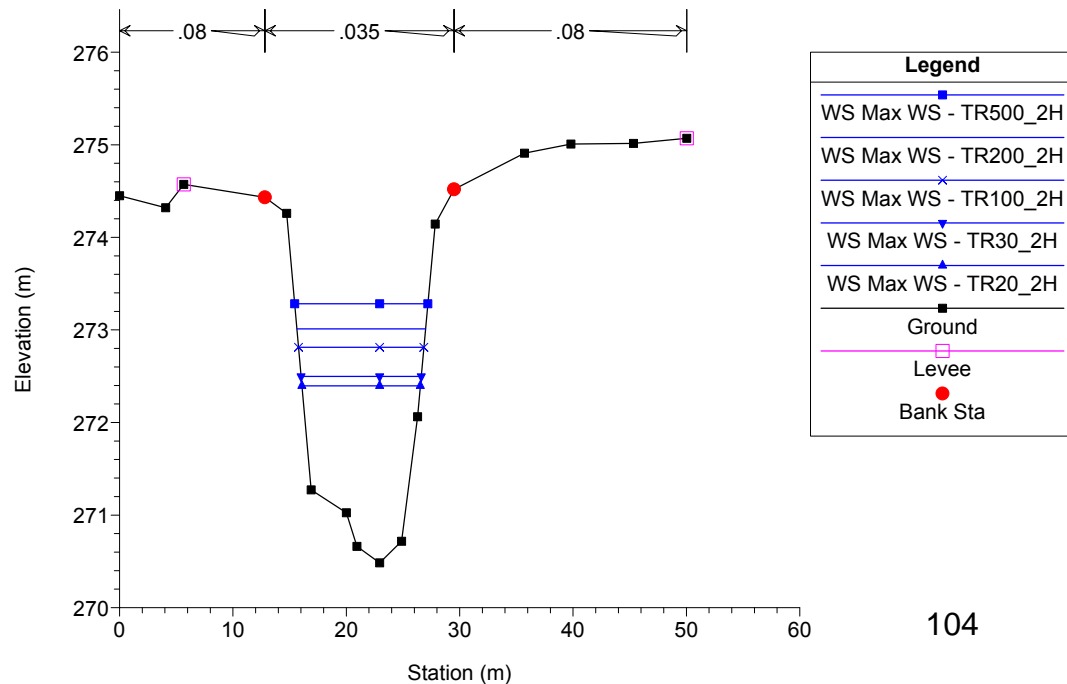
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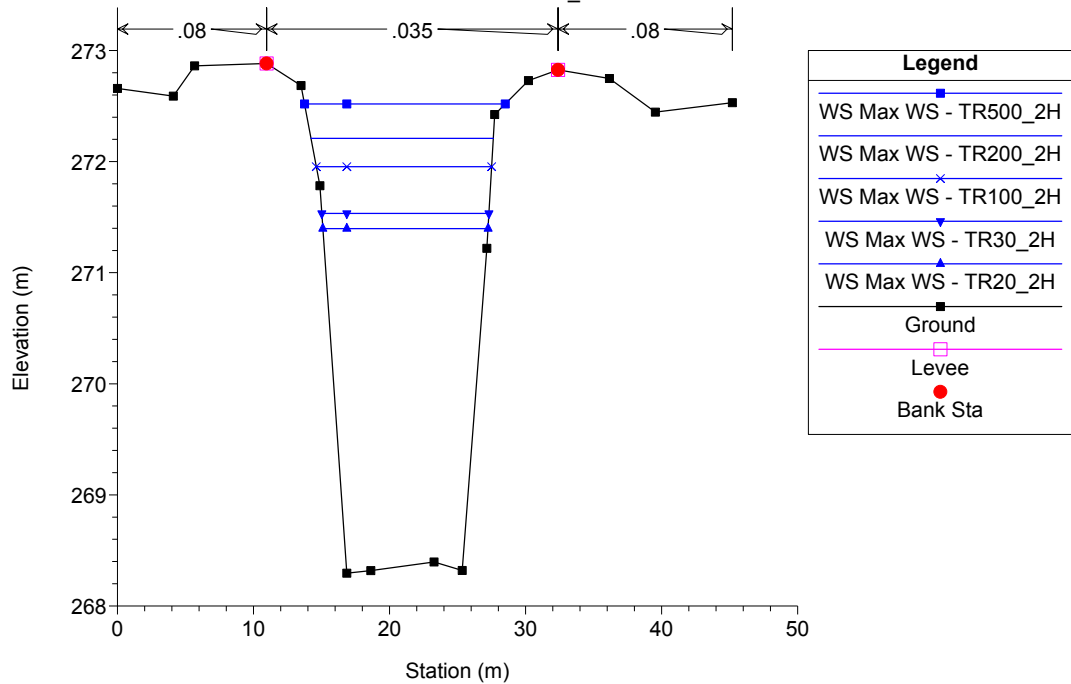
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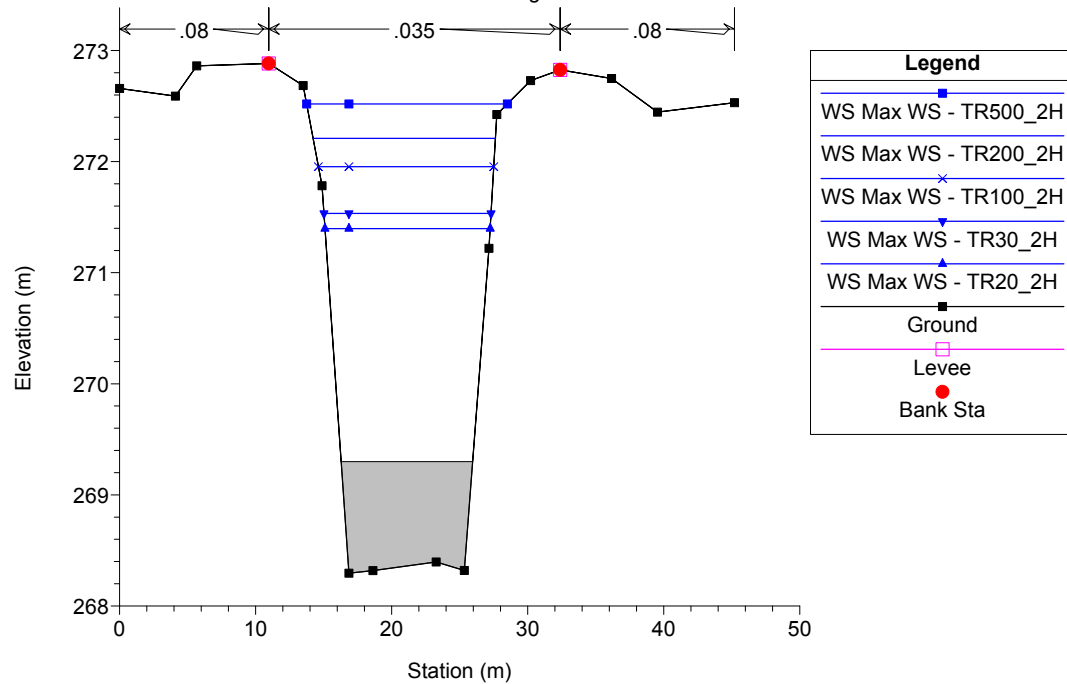
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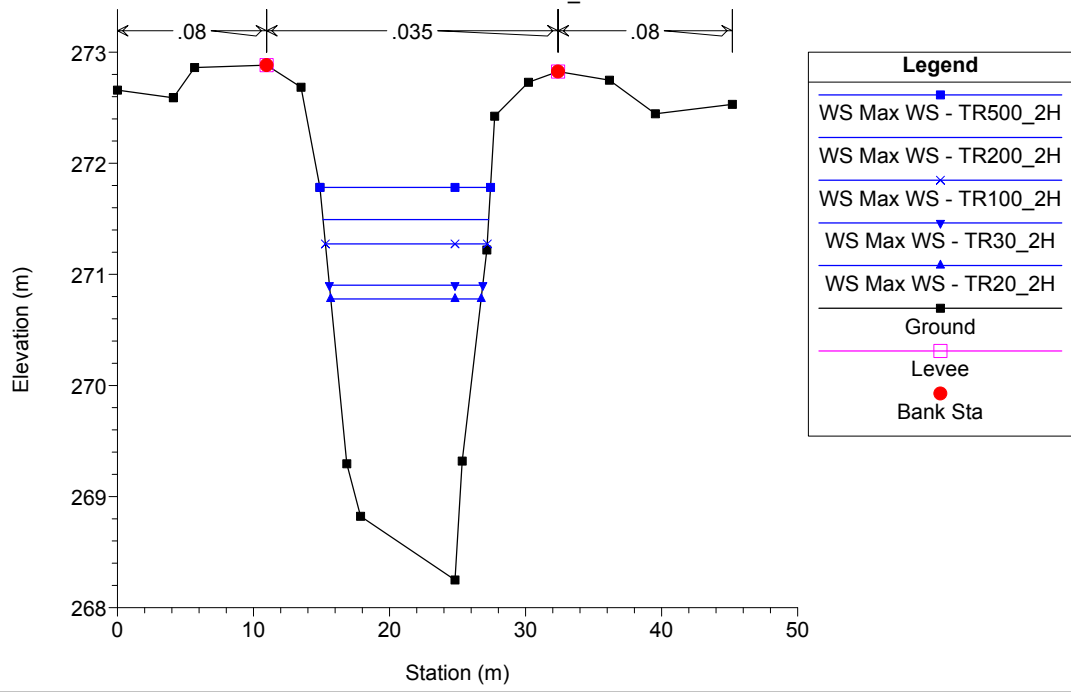
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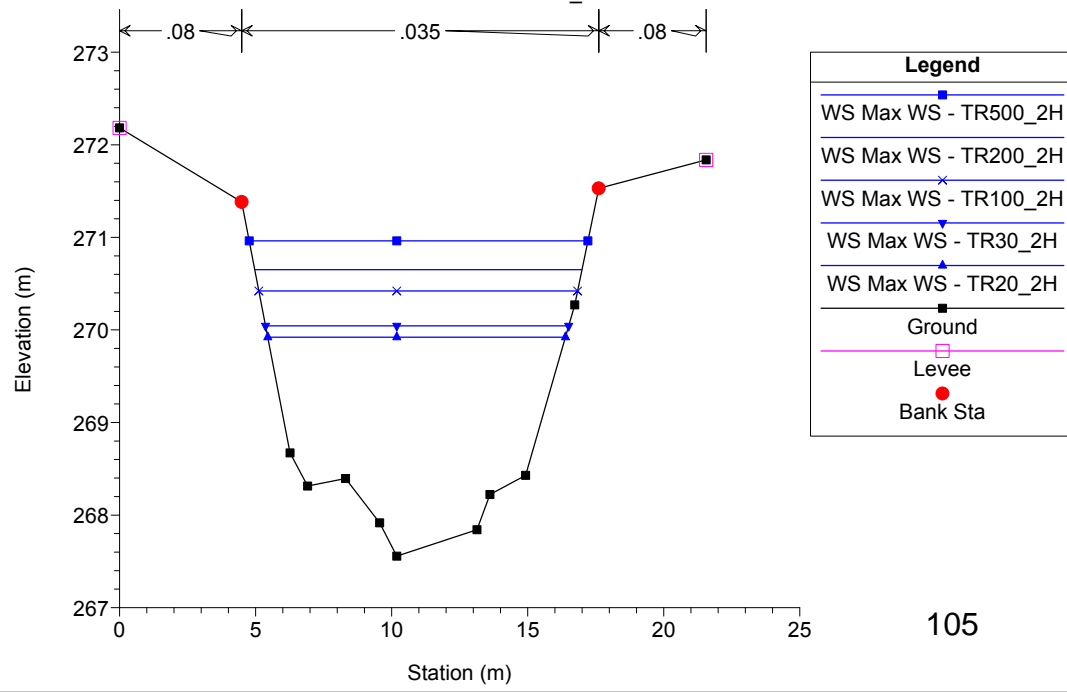
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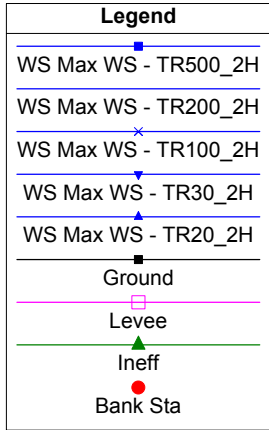
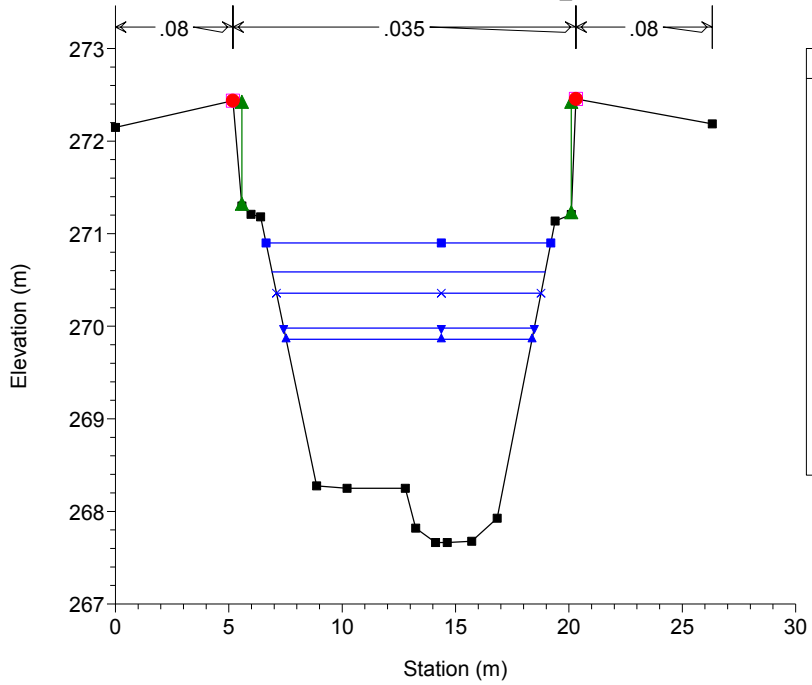
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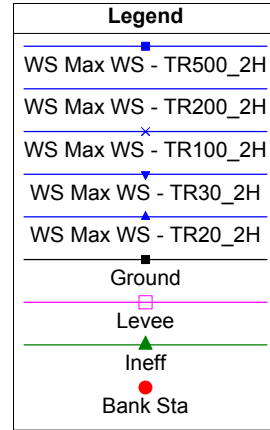
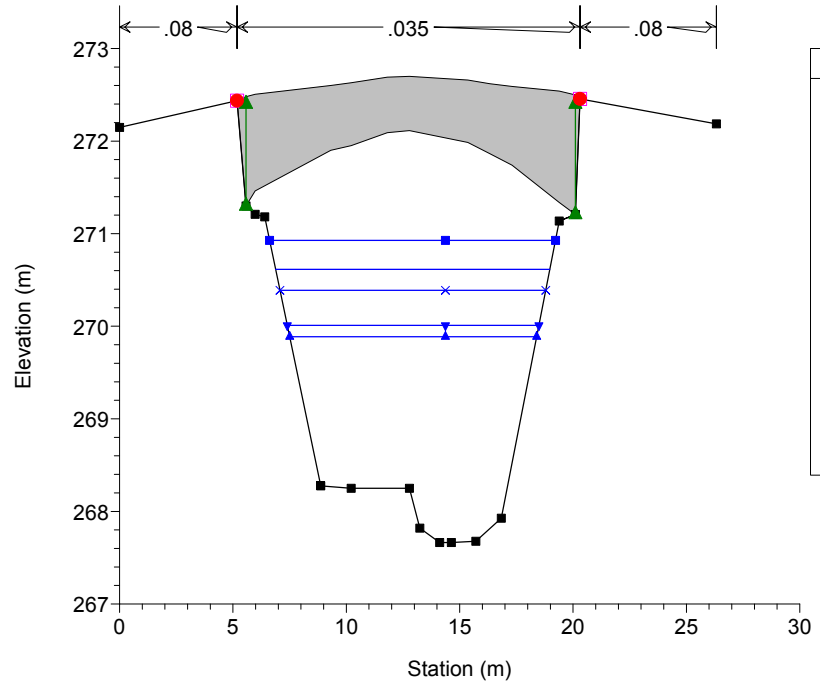
SIE017\_B



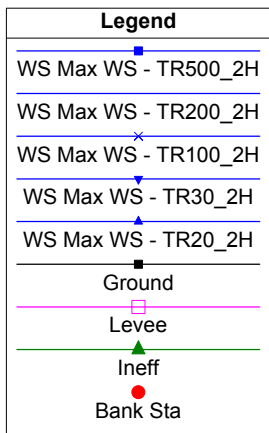
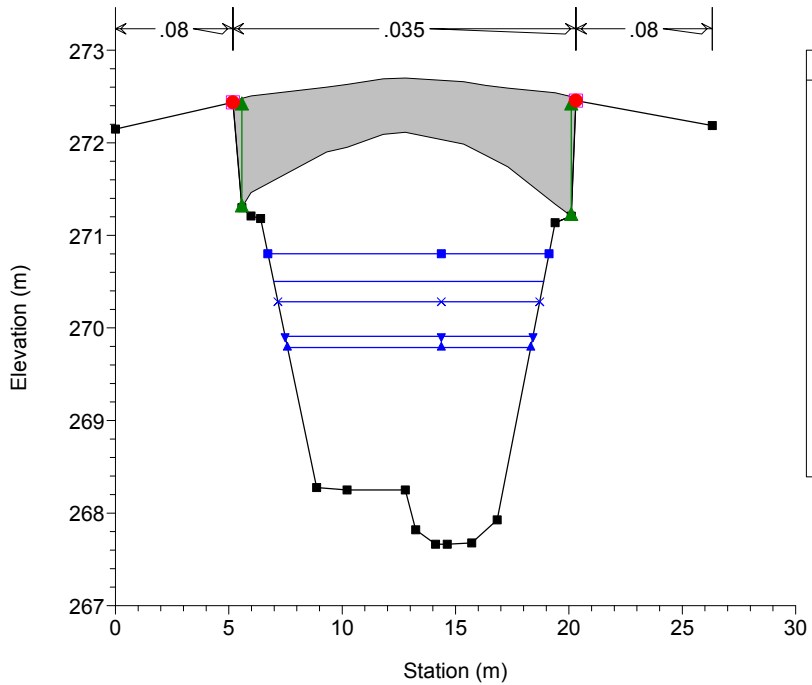
SIE017\_A1



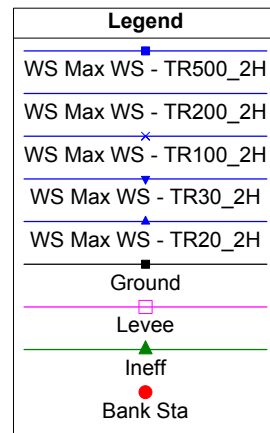
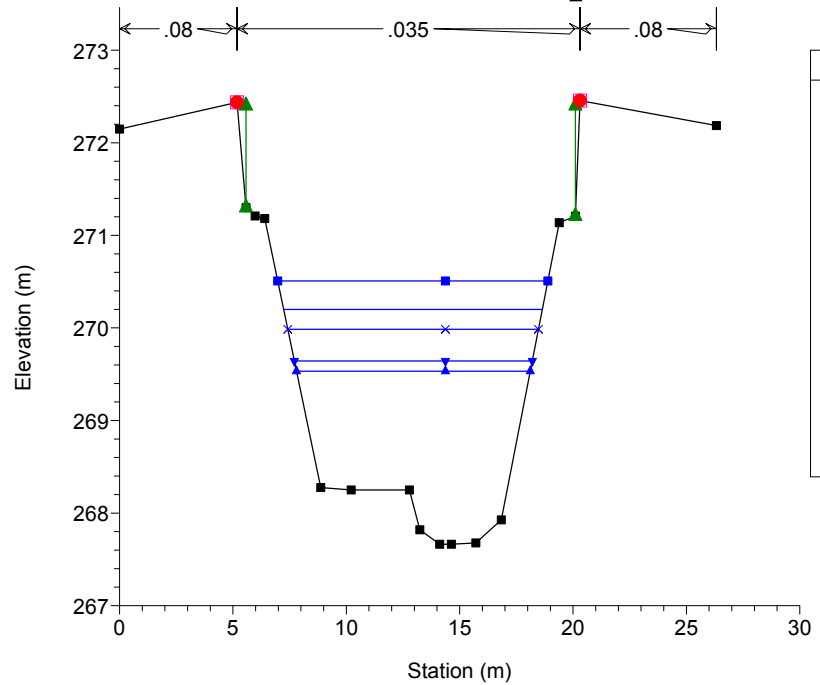
IV° PASSERELLA INGRESSO OUTLET



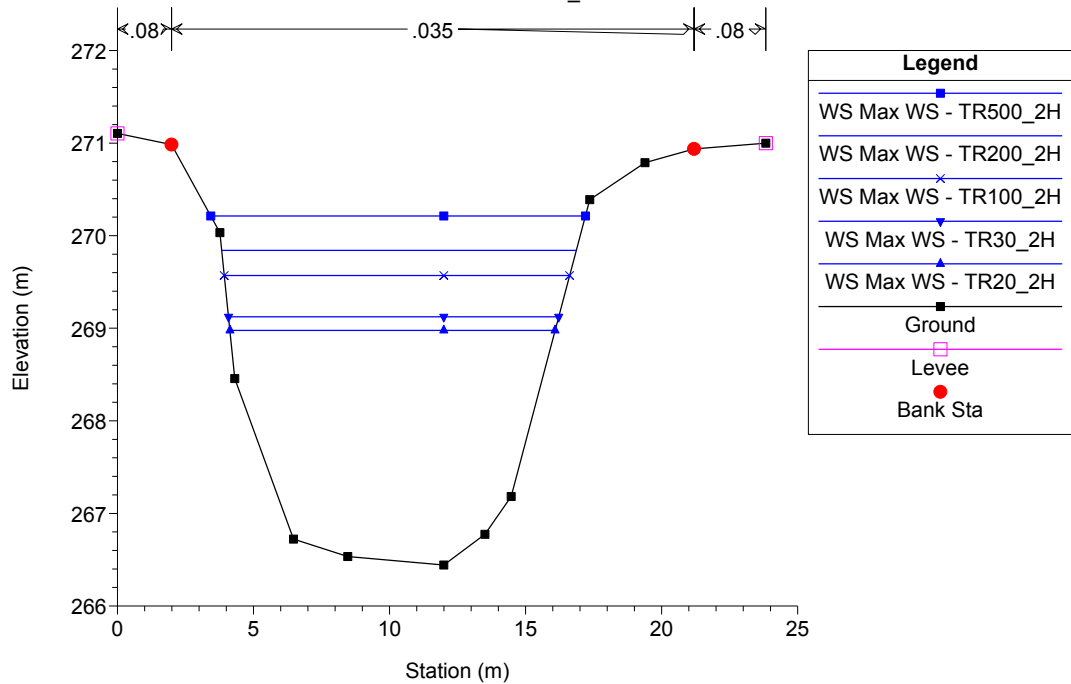
IV° PASSERELLA INGRESSO OUTLET



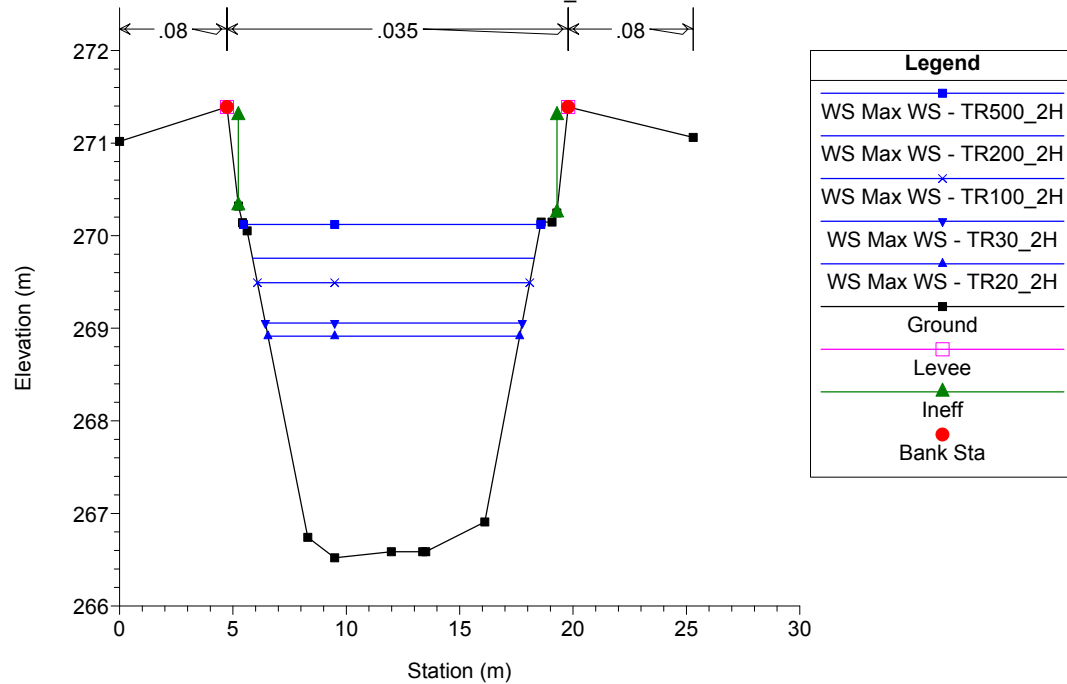
SIE017\_A



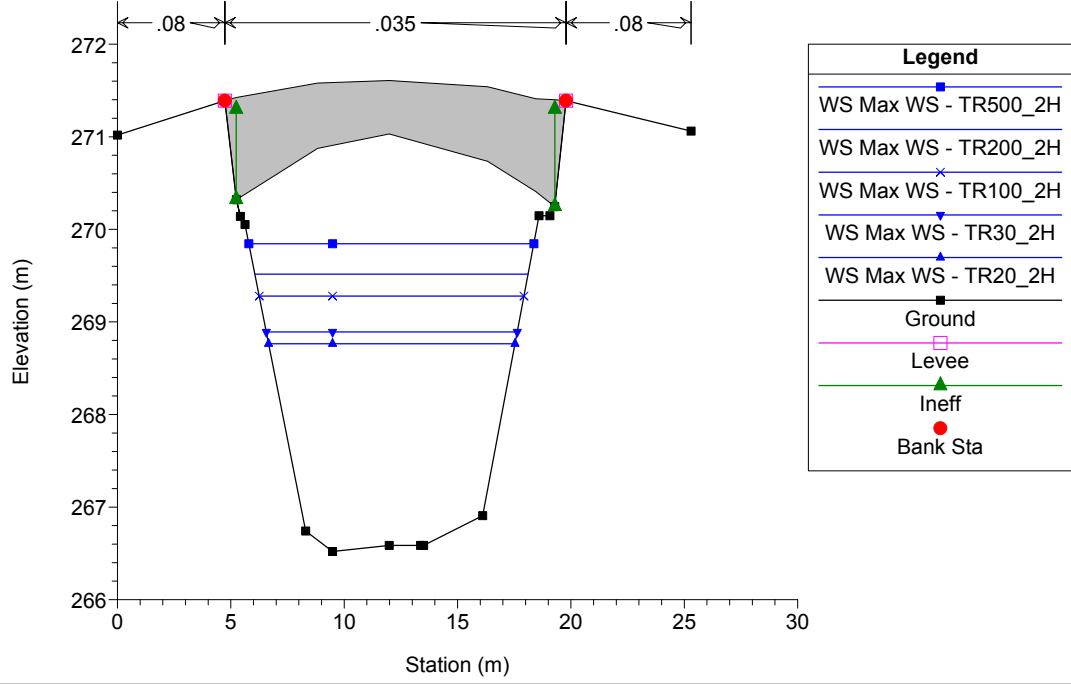
SIE016\_B



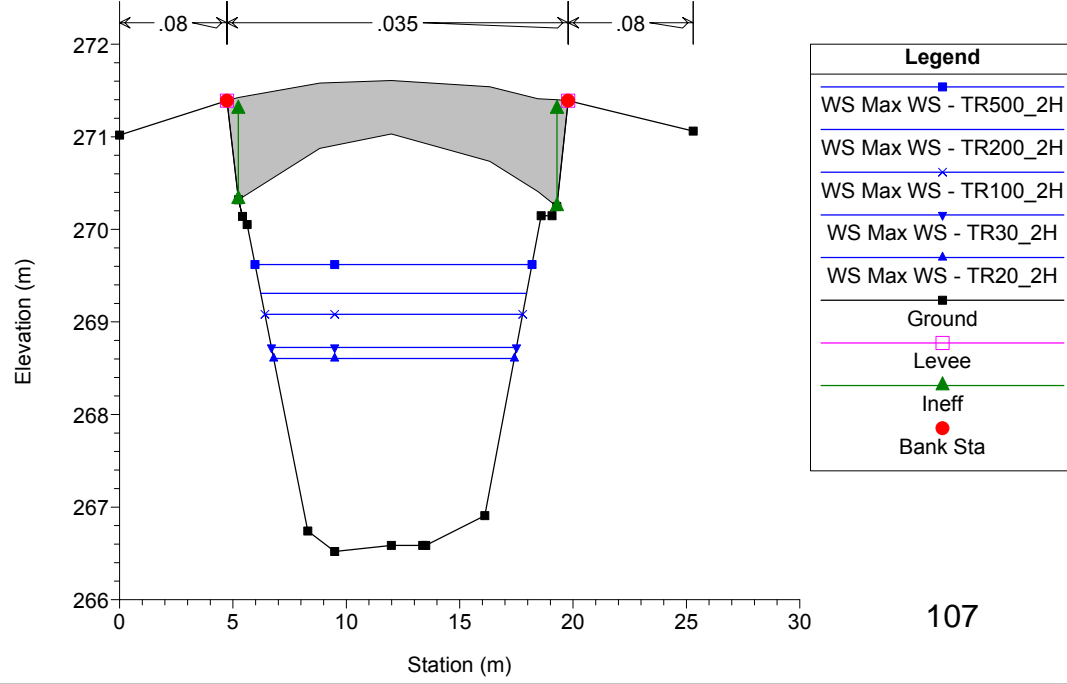
SIE016\_A1



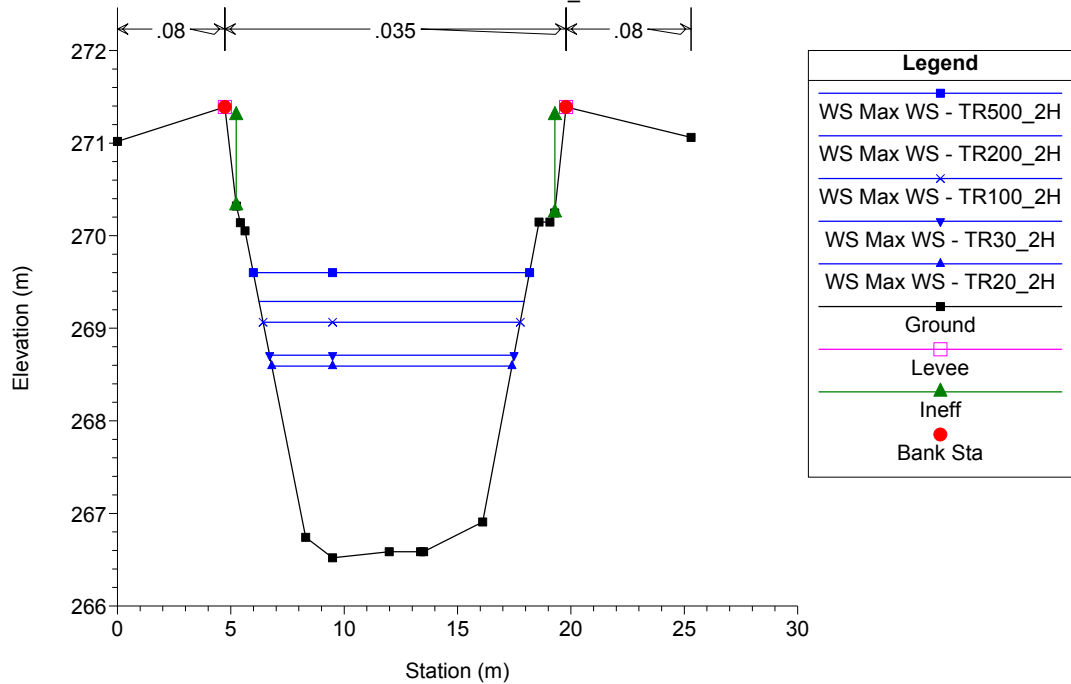
III° PASSERELLA INGRESSO OUTLET



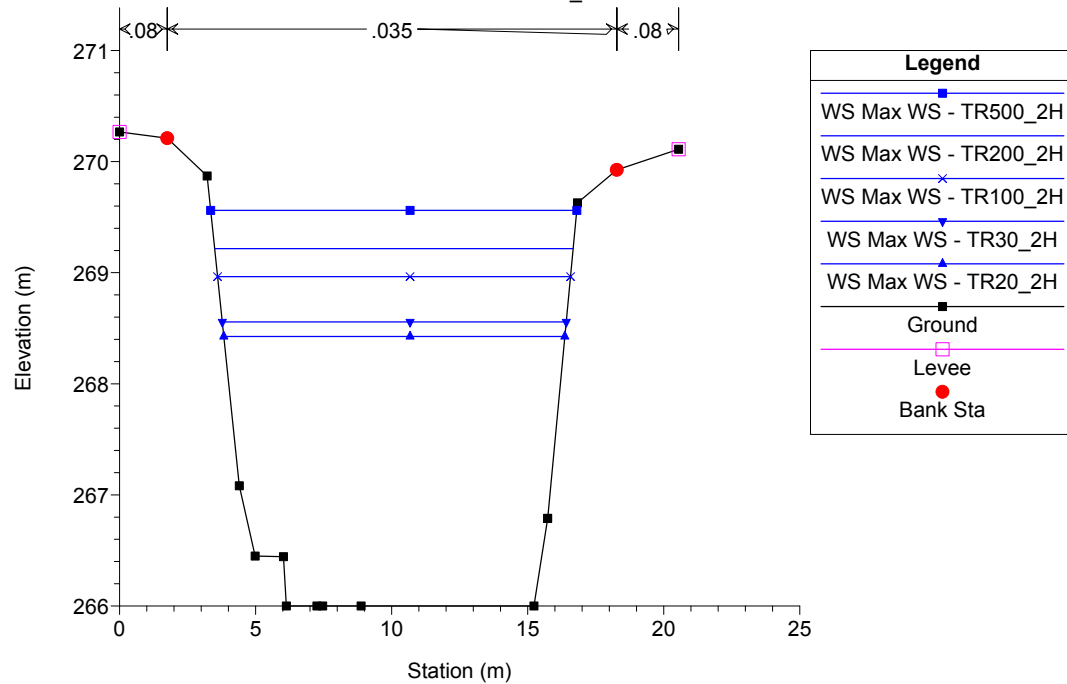
III° PASSERELLA INGRESSO OUTLET



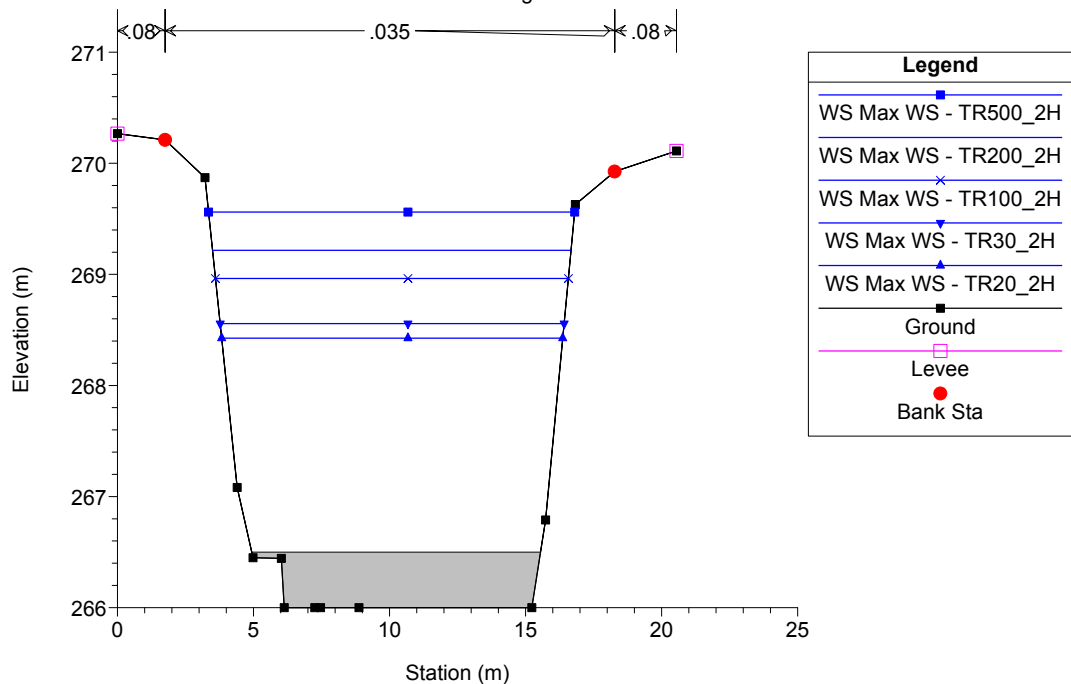
SIE016\_A



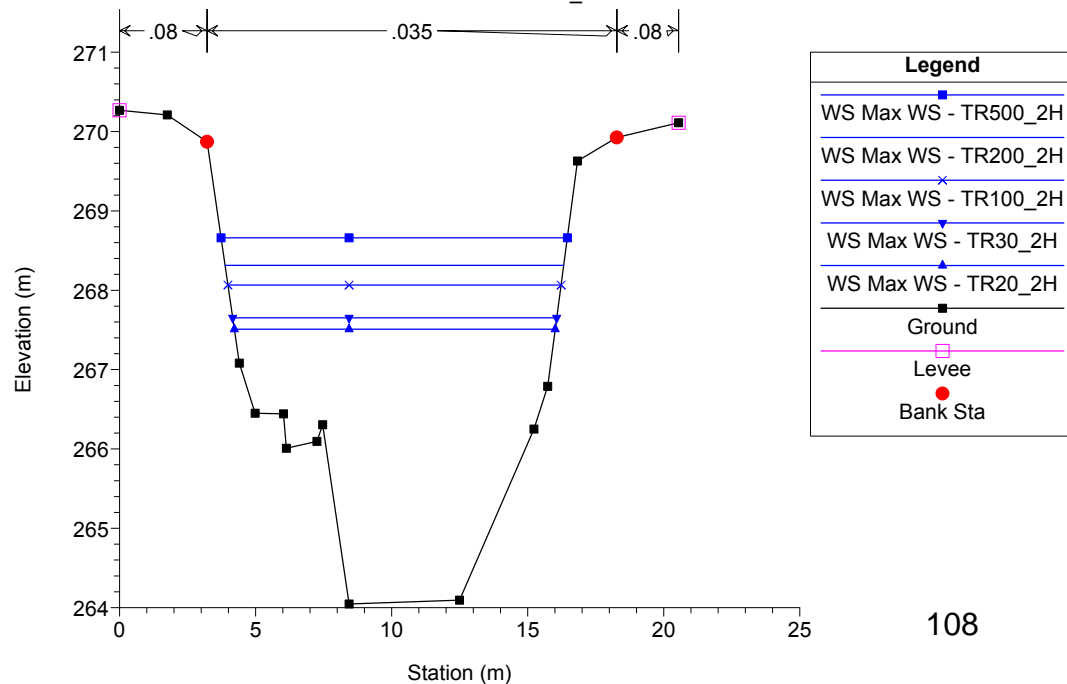
SIE015\_B



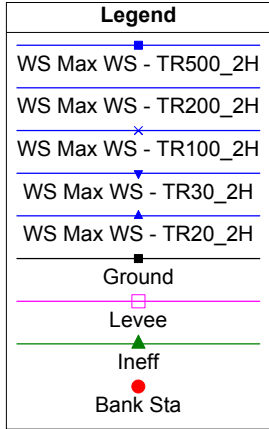
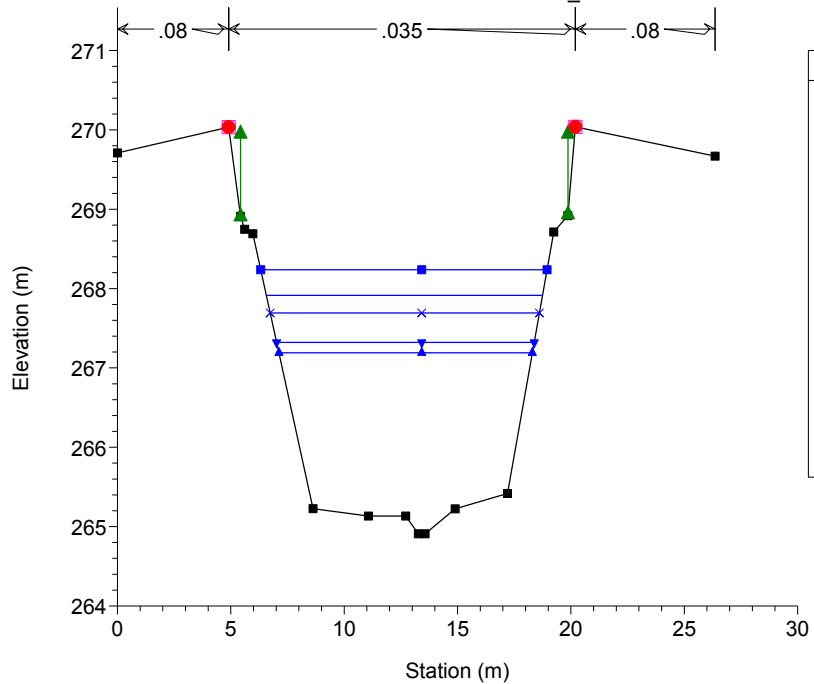
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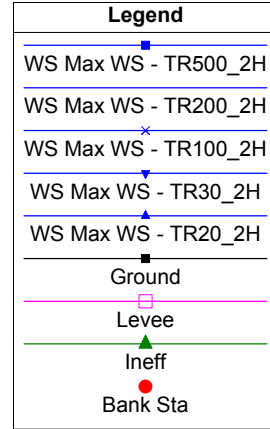
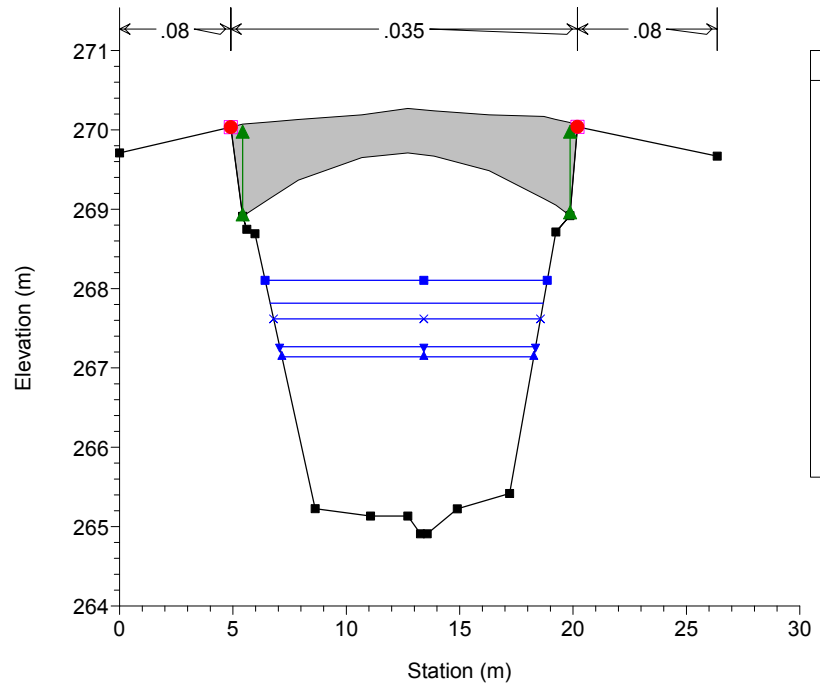
SIE015\_A



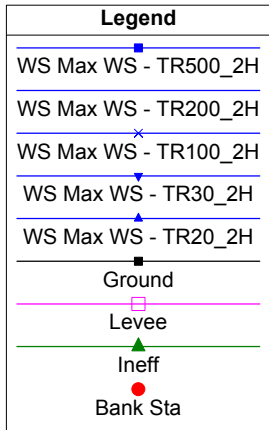
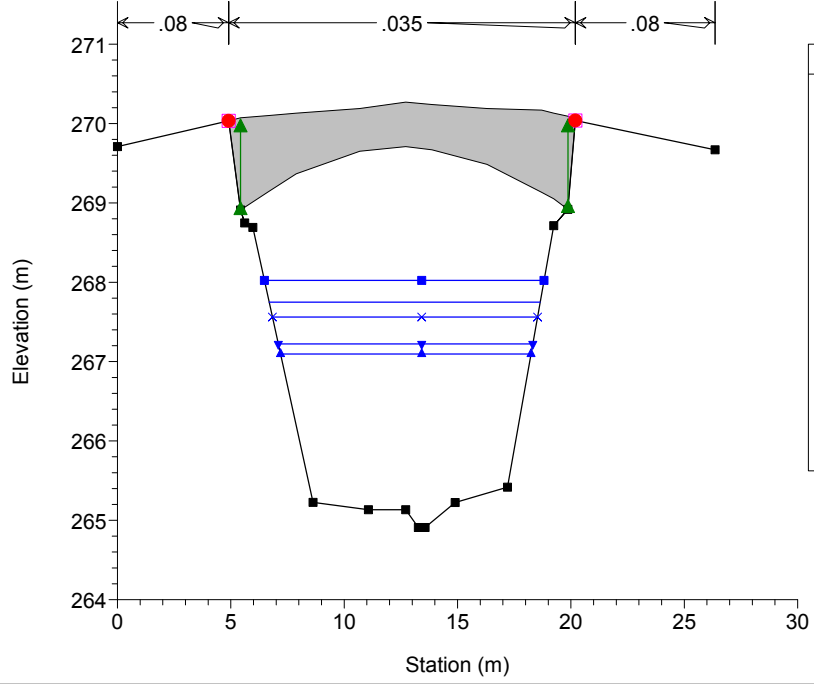
SIE014\_A



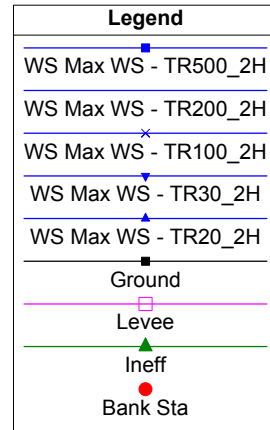
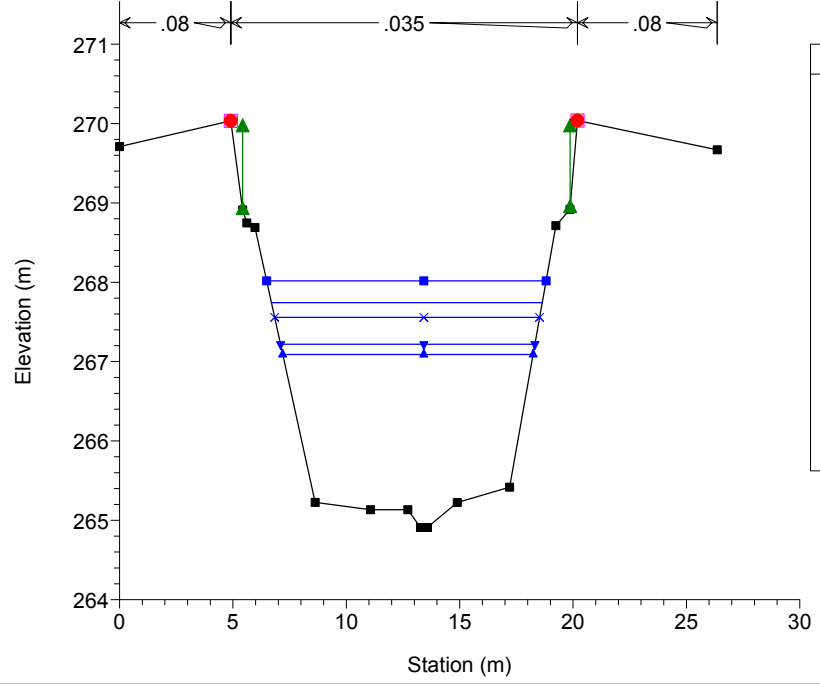
II° PASSERELLA INGRESSO OUTLET



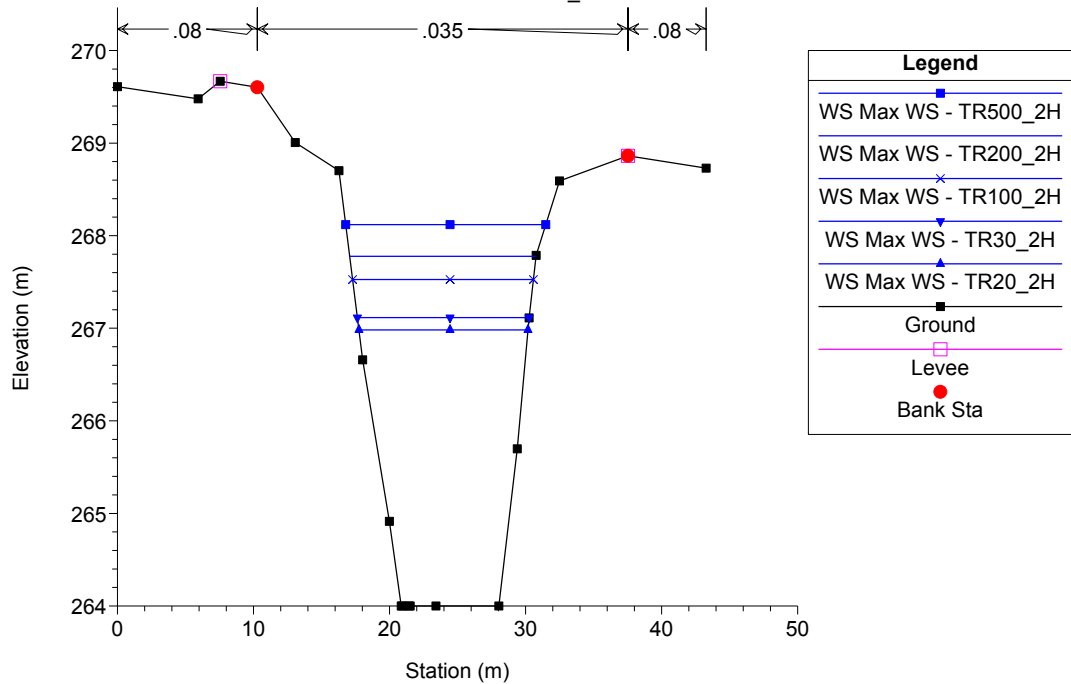
II° PASSERELLA INGRESSO OUTLET



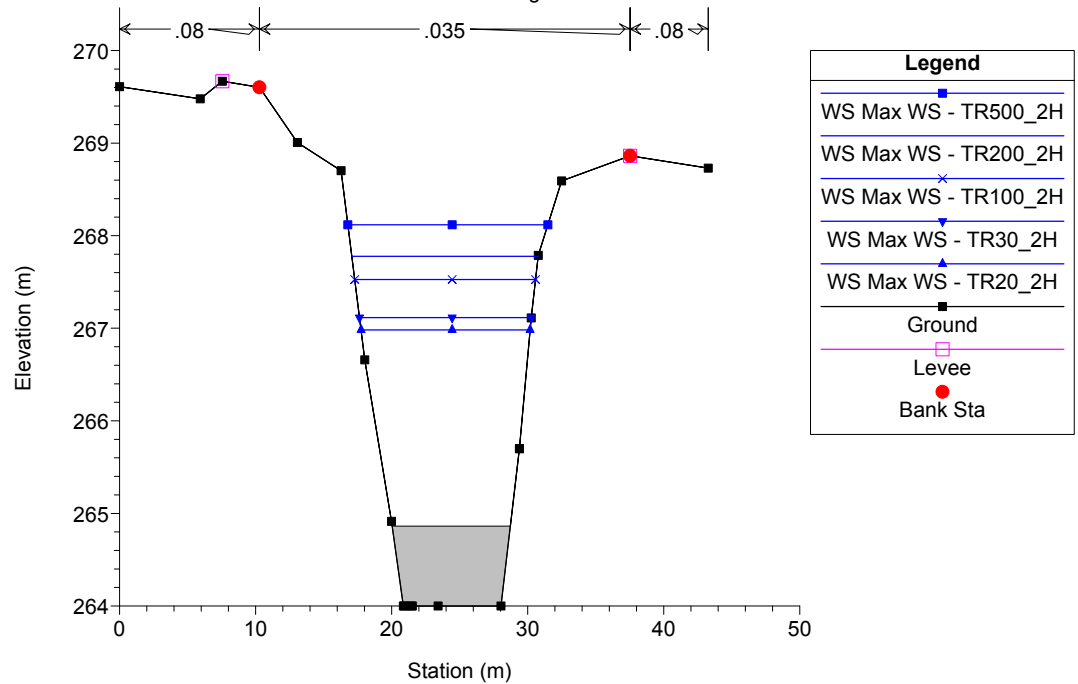
SIE014\_A



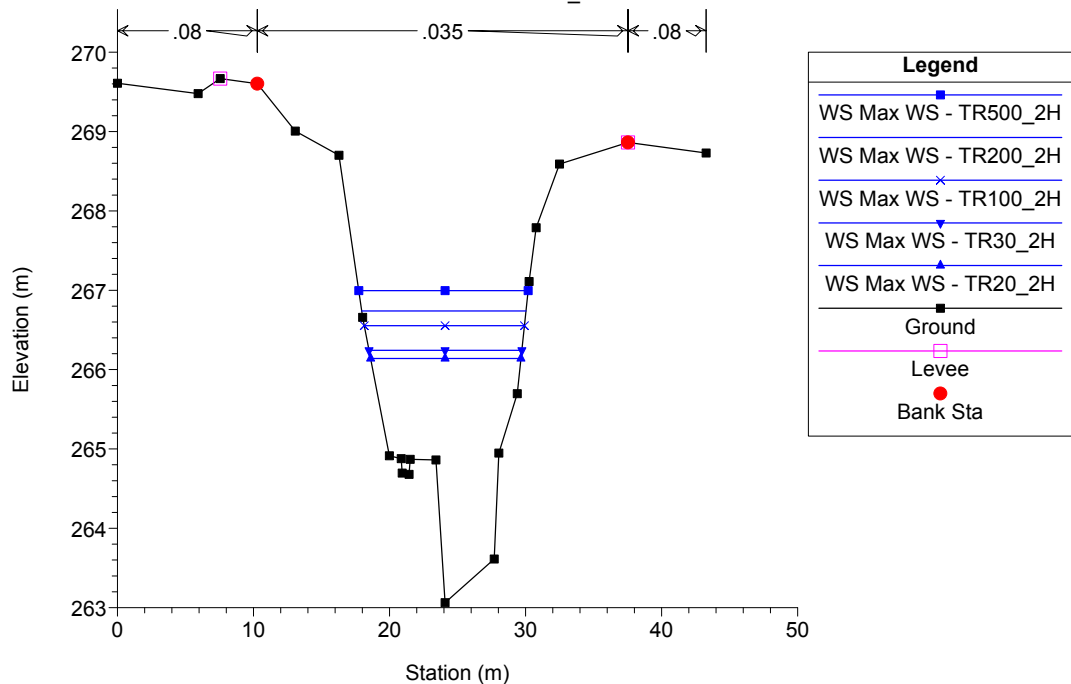
SIE013\_B



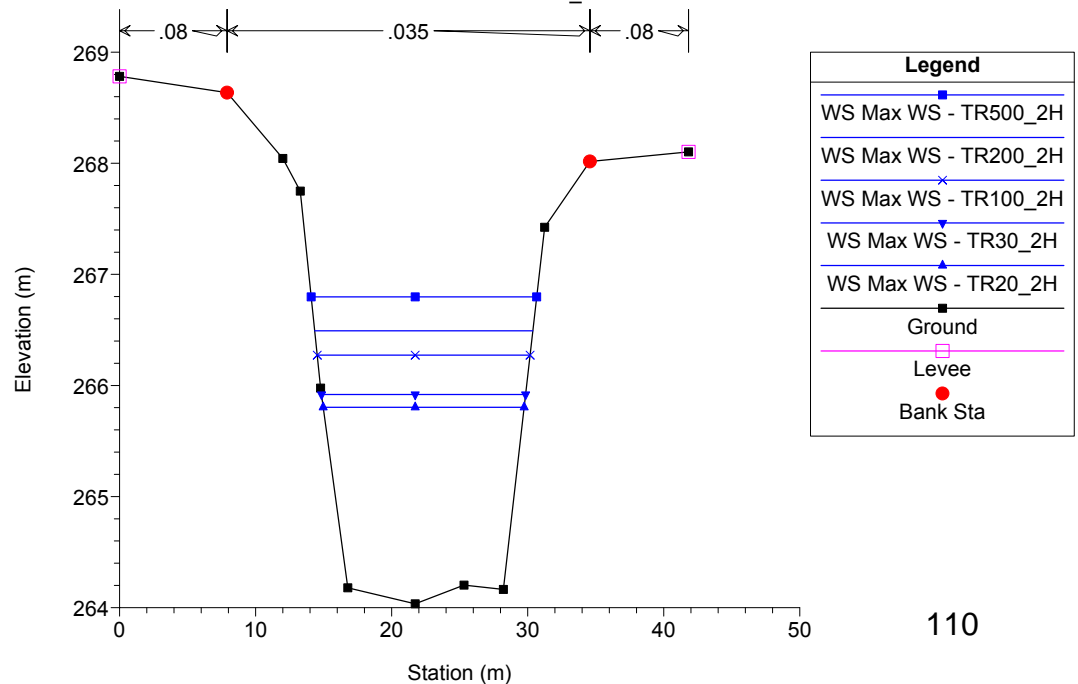
briglia 13



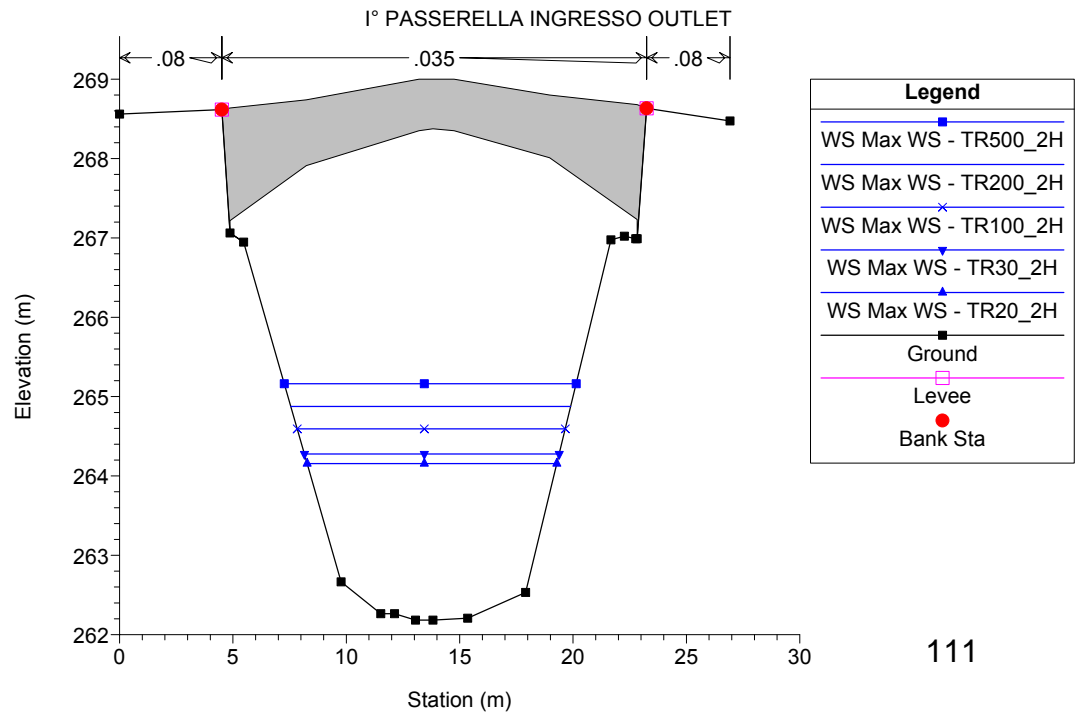
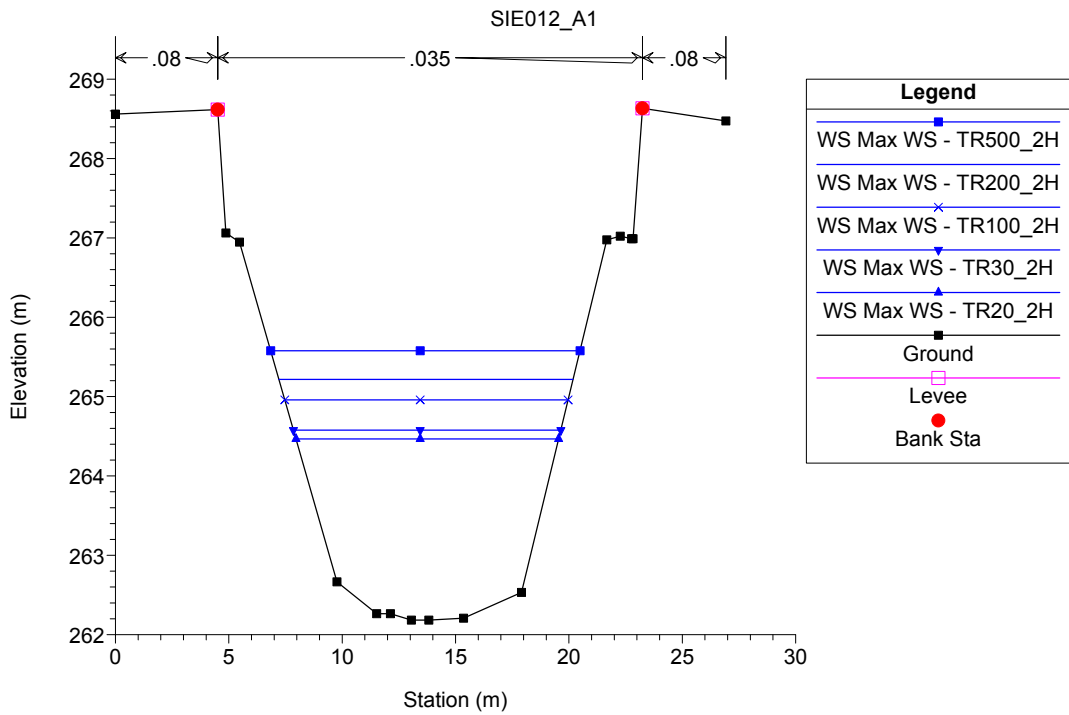
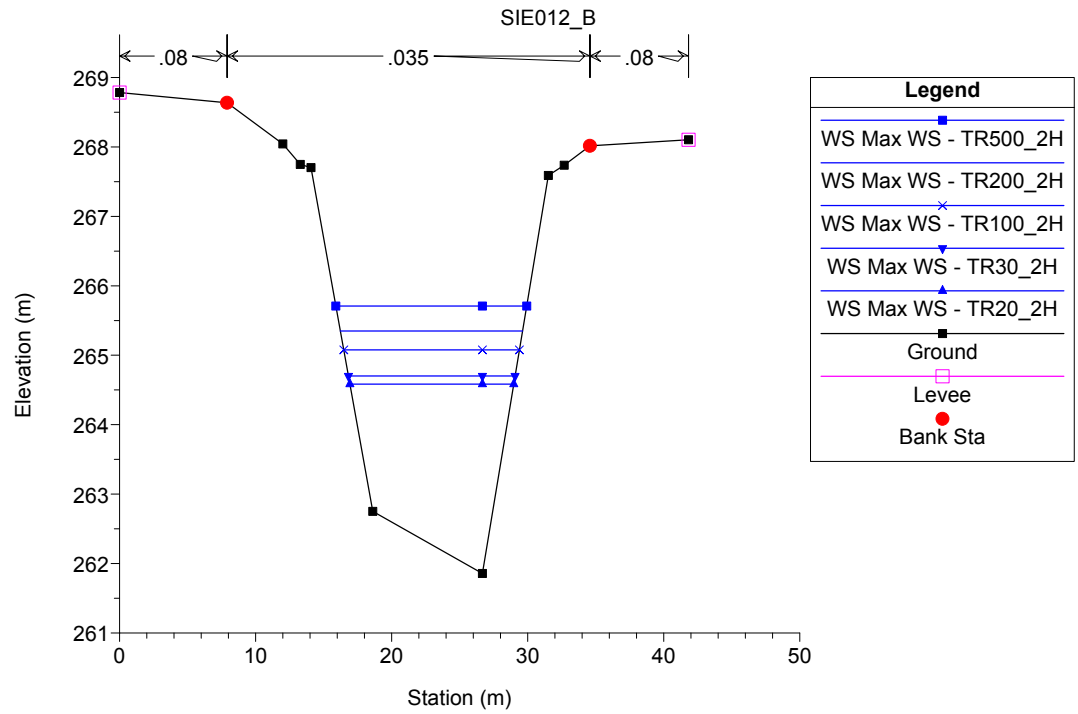
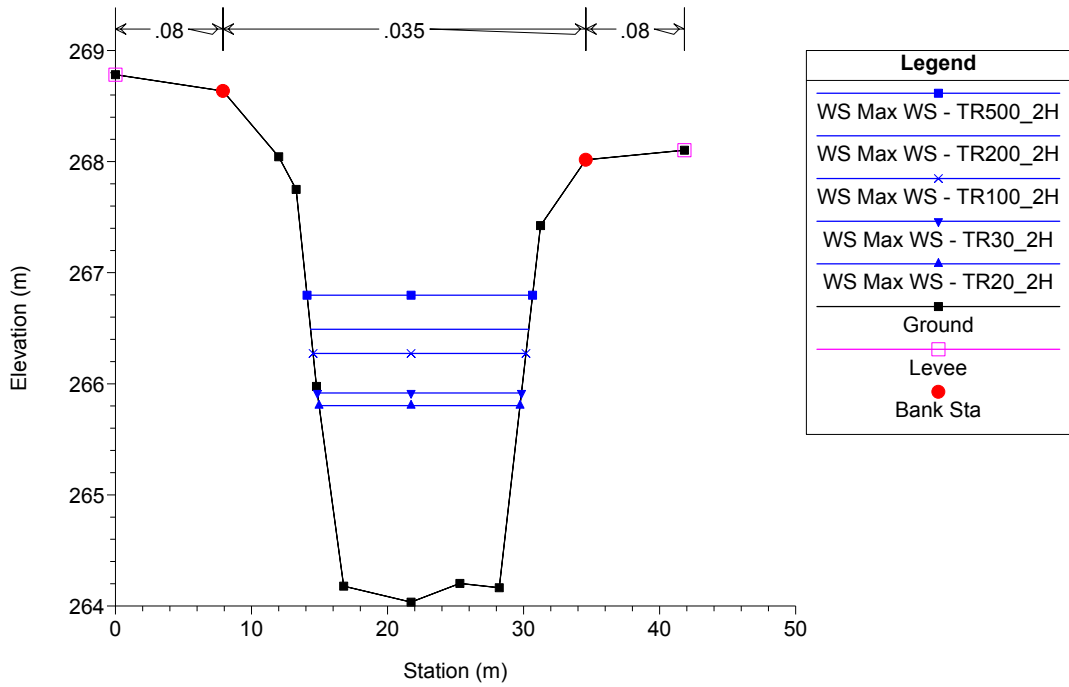
SIE013\_A



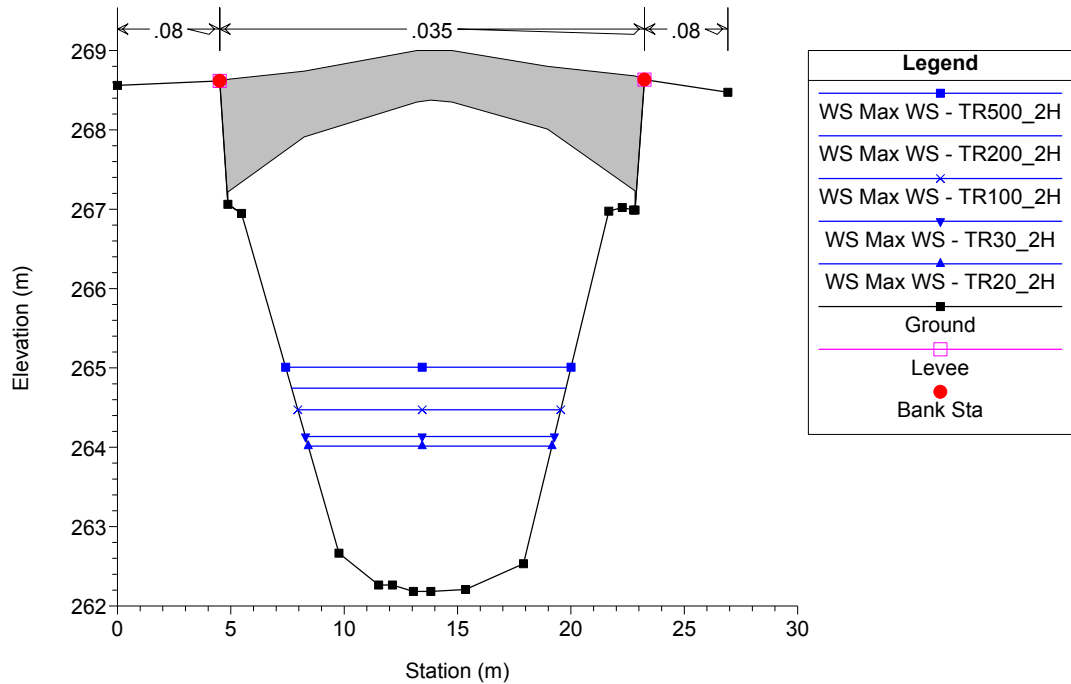
SIE012\_C



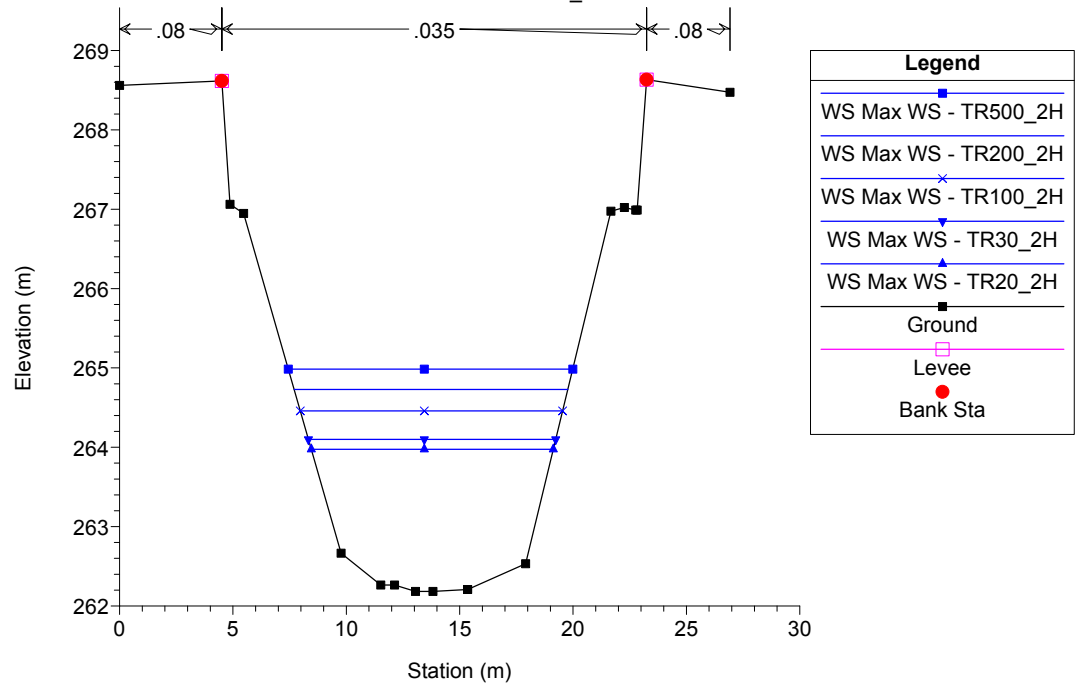




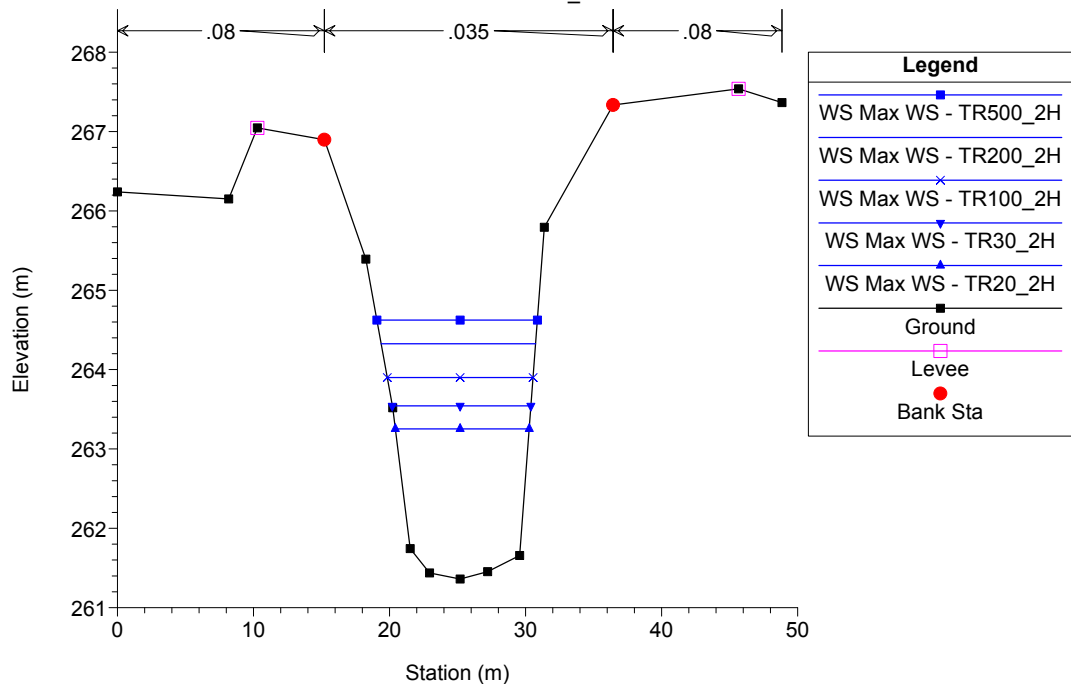
1° PASSERELLA INGRESSO OUTLET



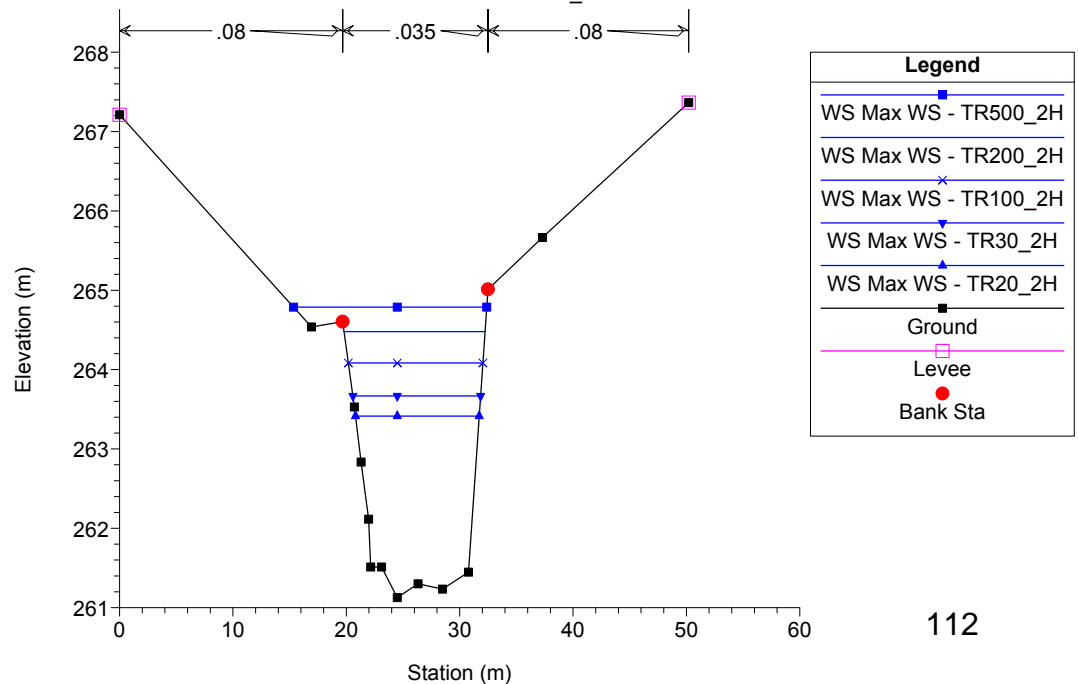
SIE012\_A

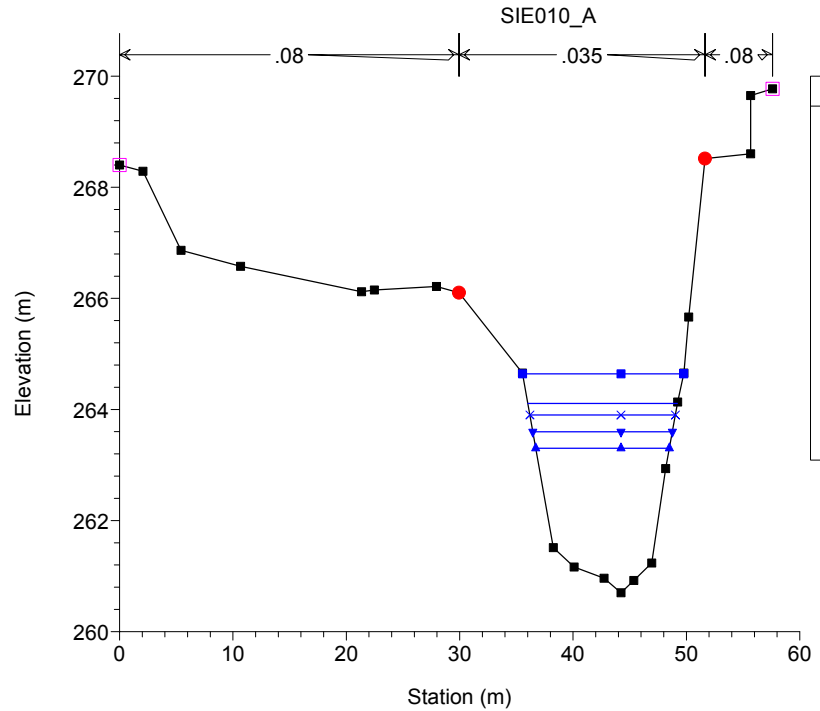
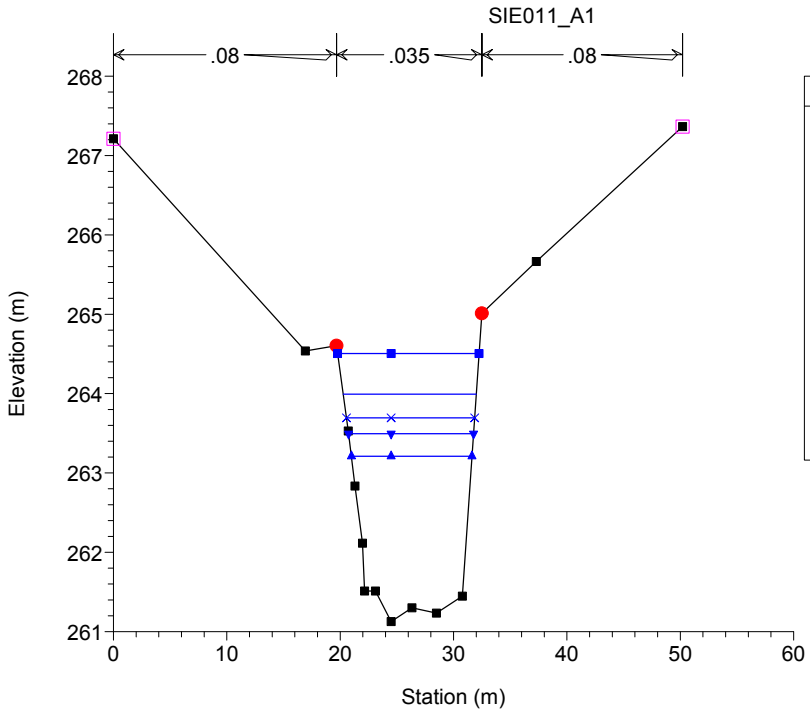
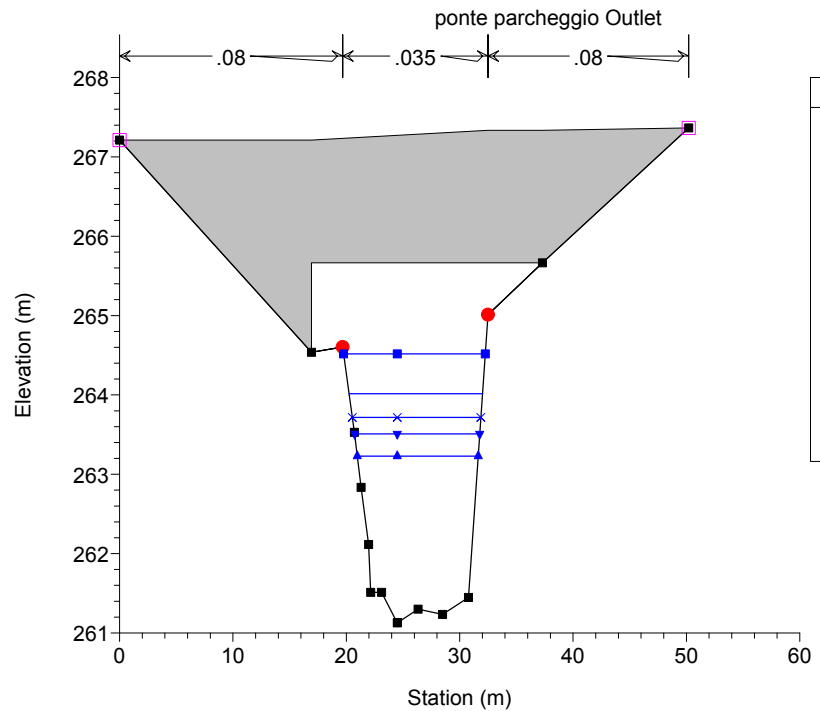
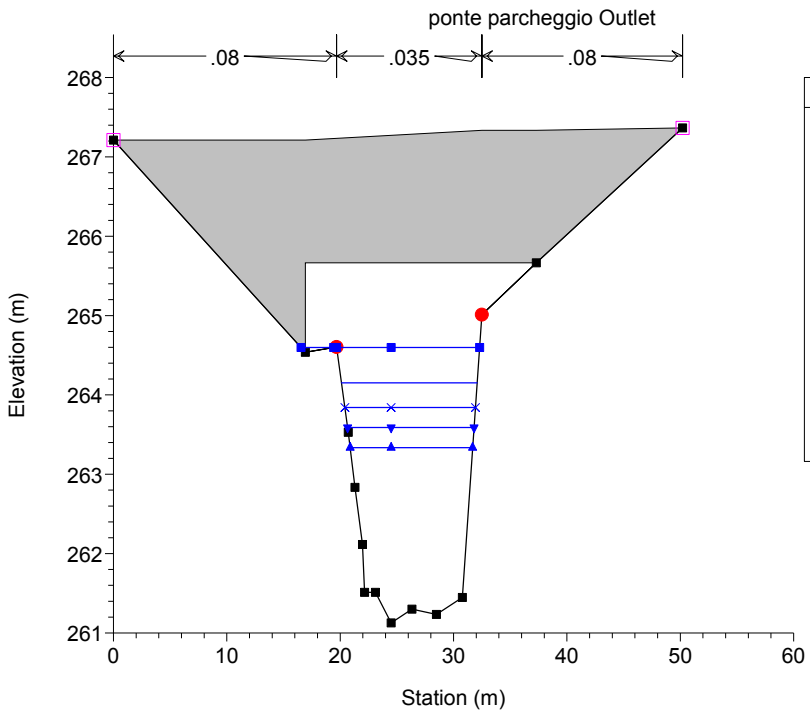


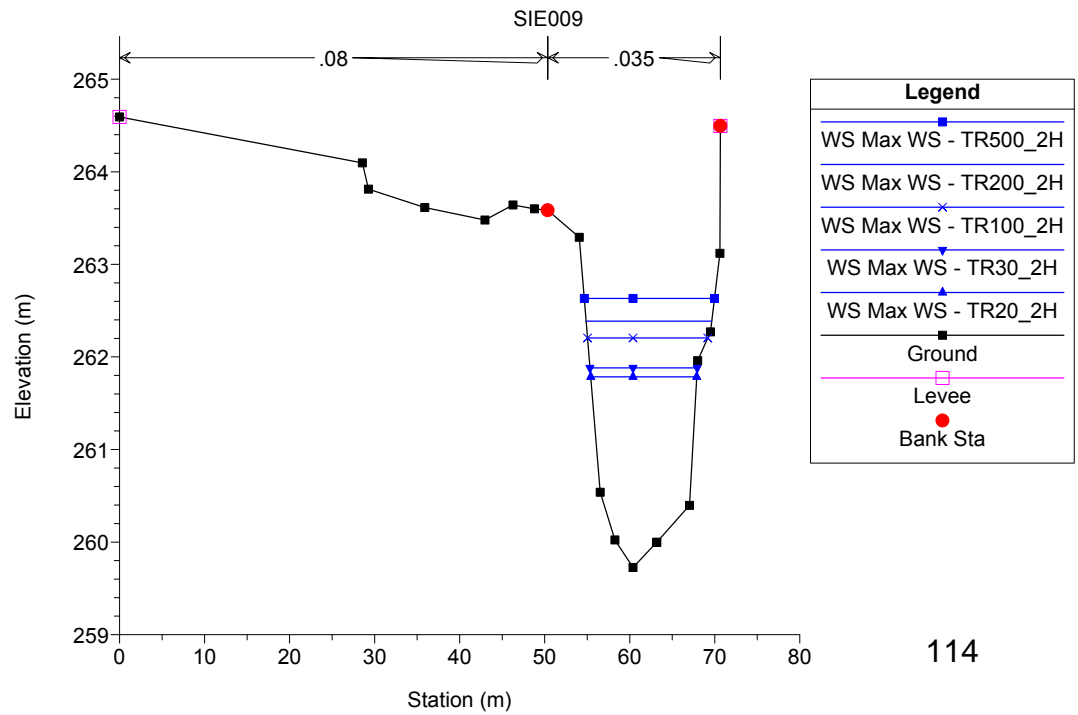
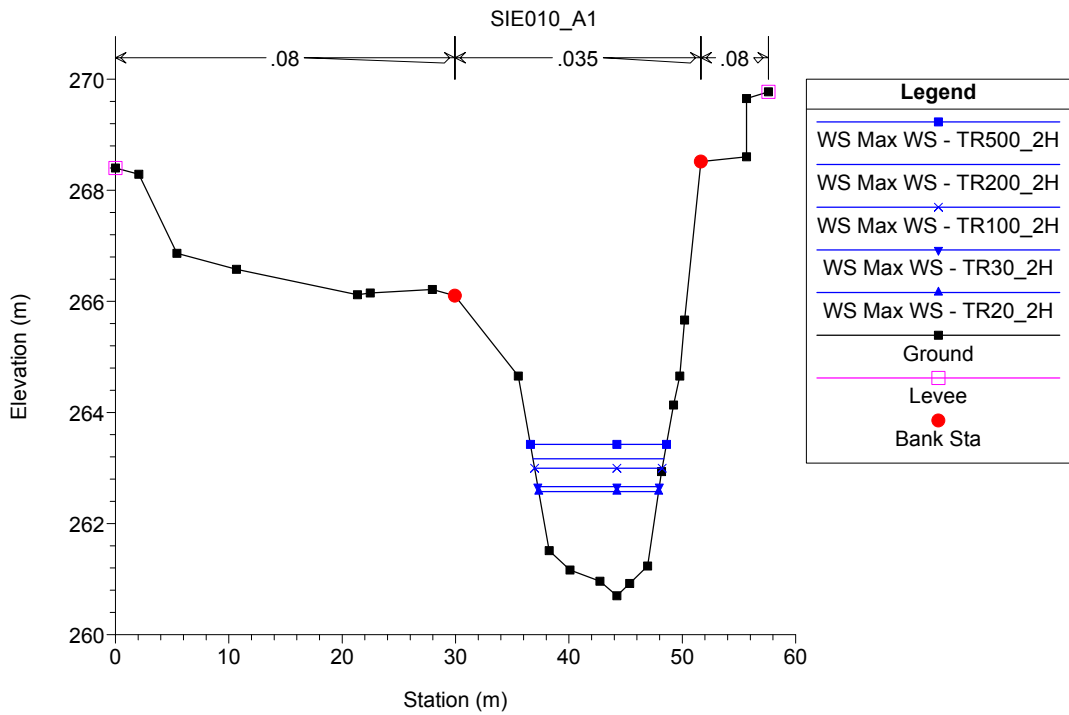
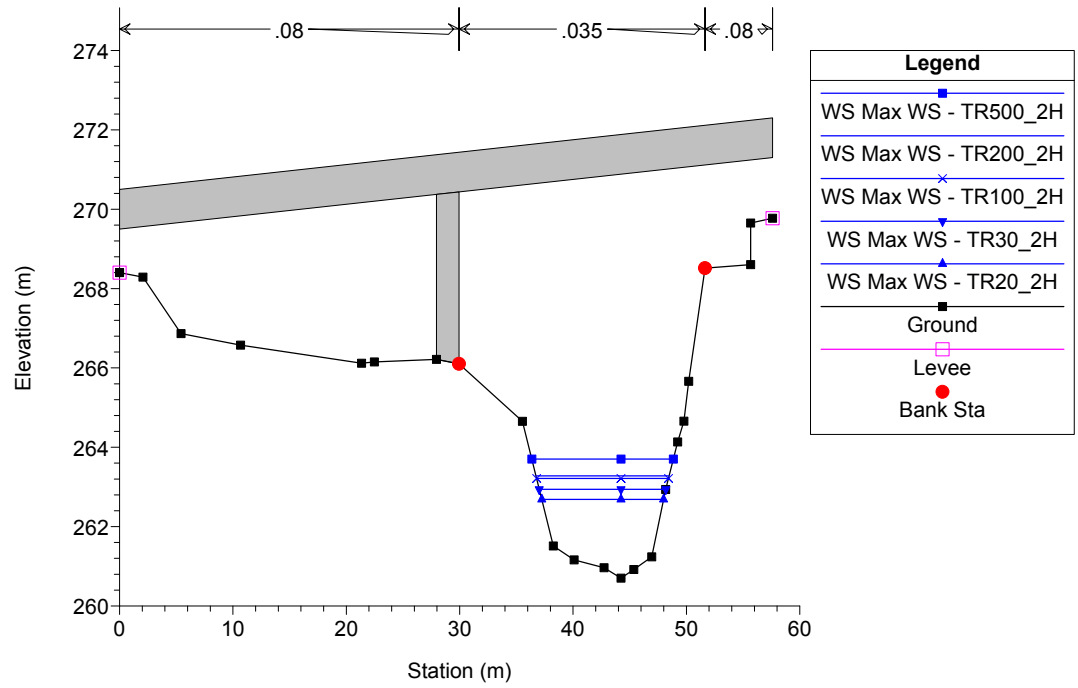
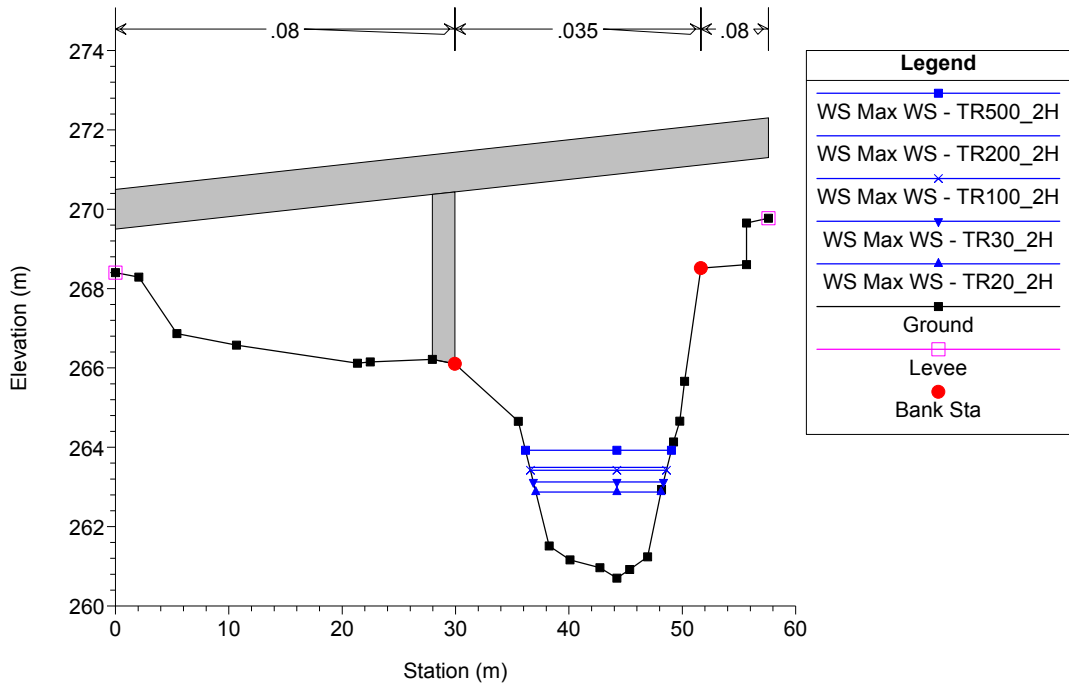
SIE011\_B

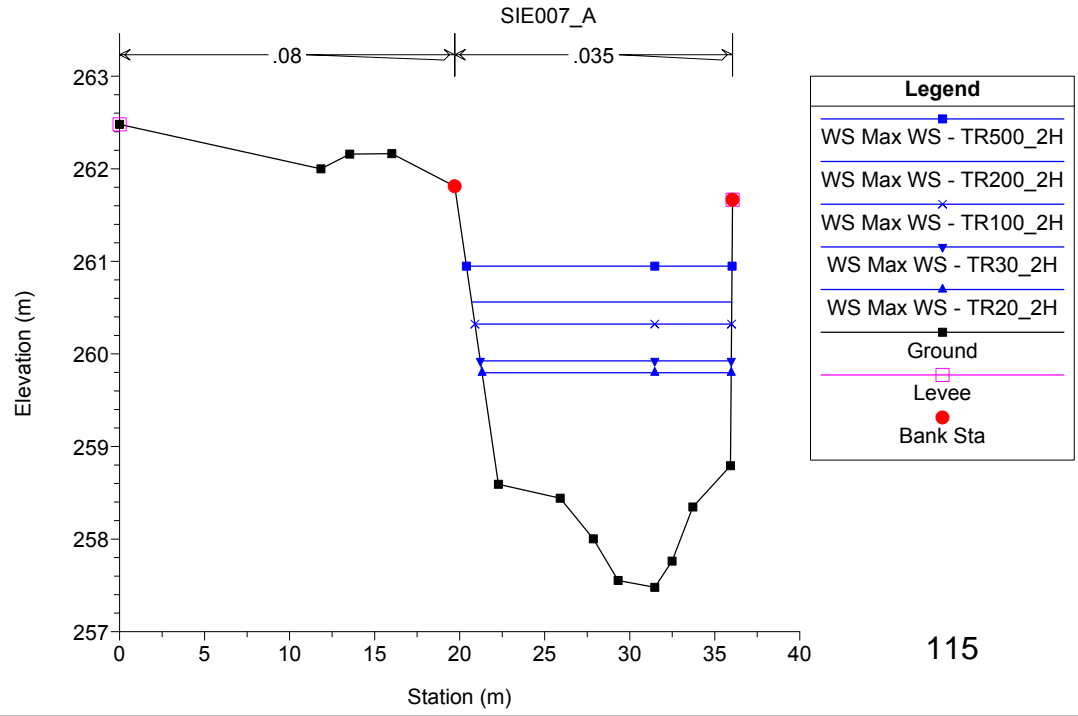
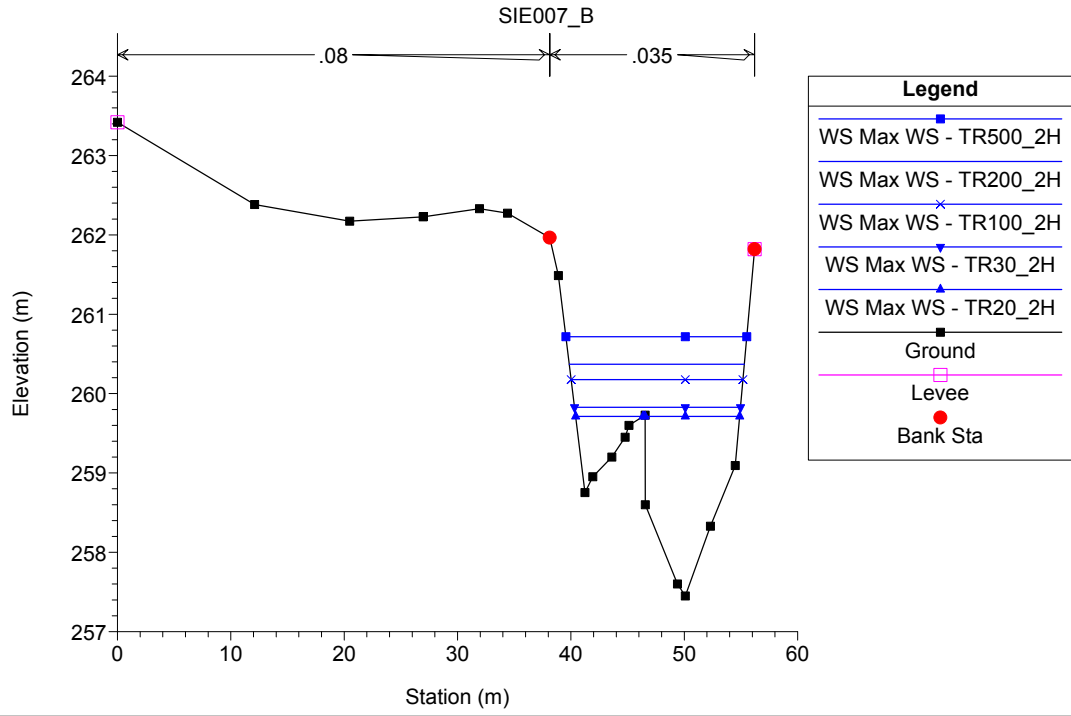
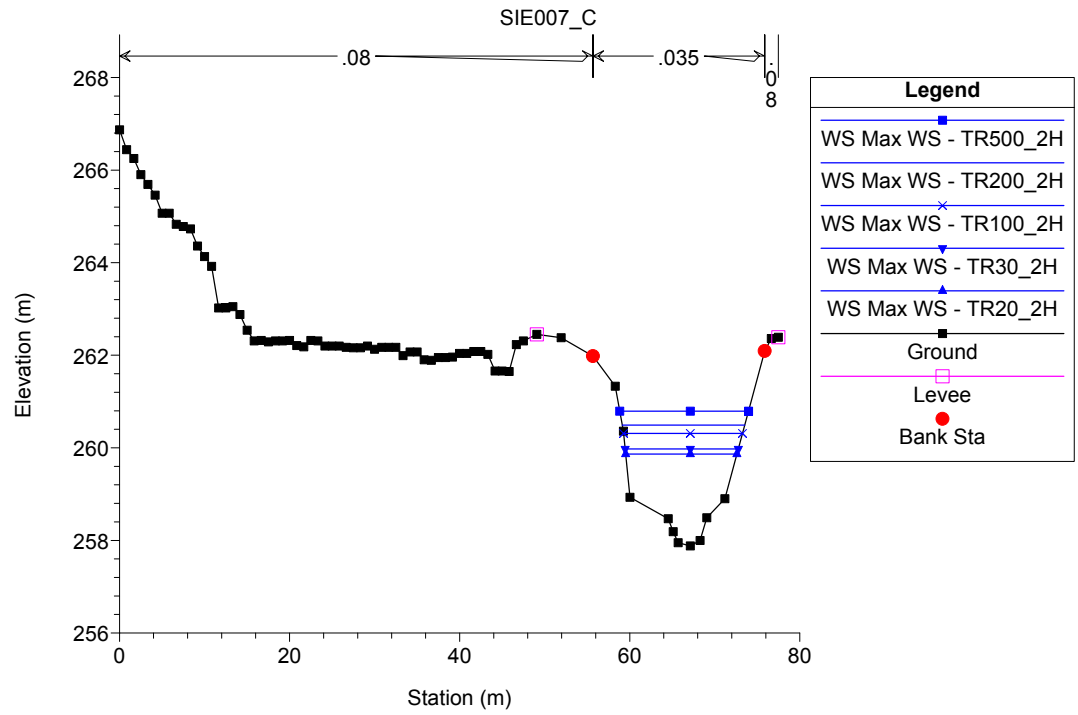
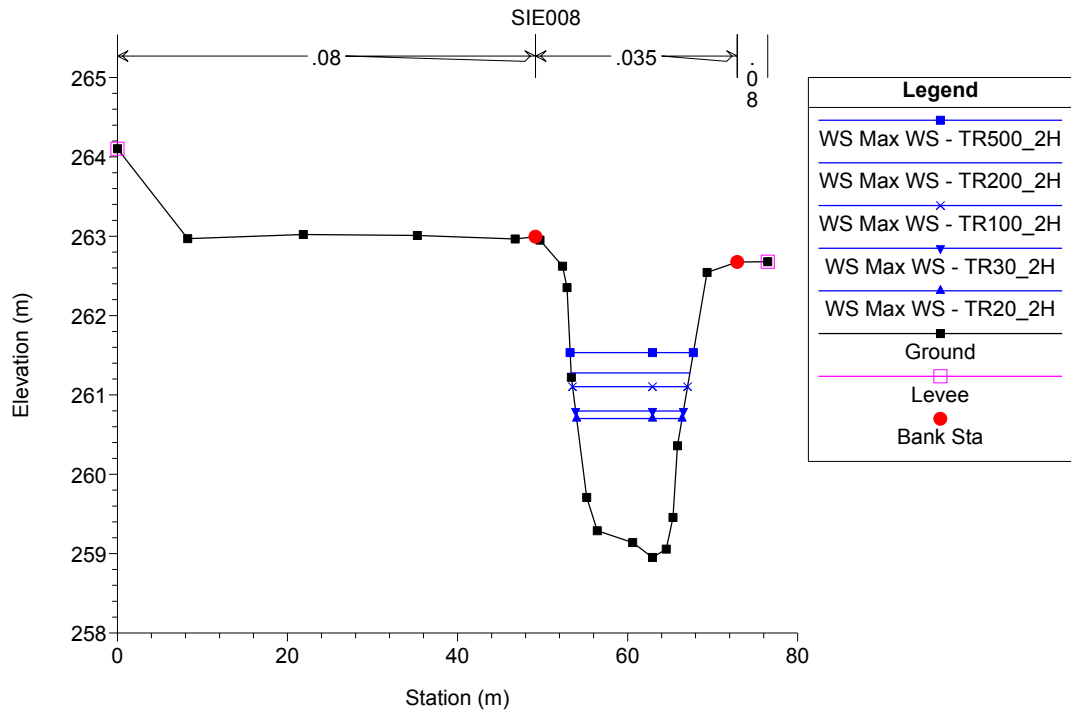


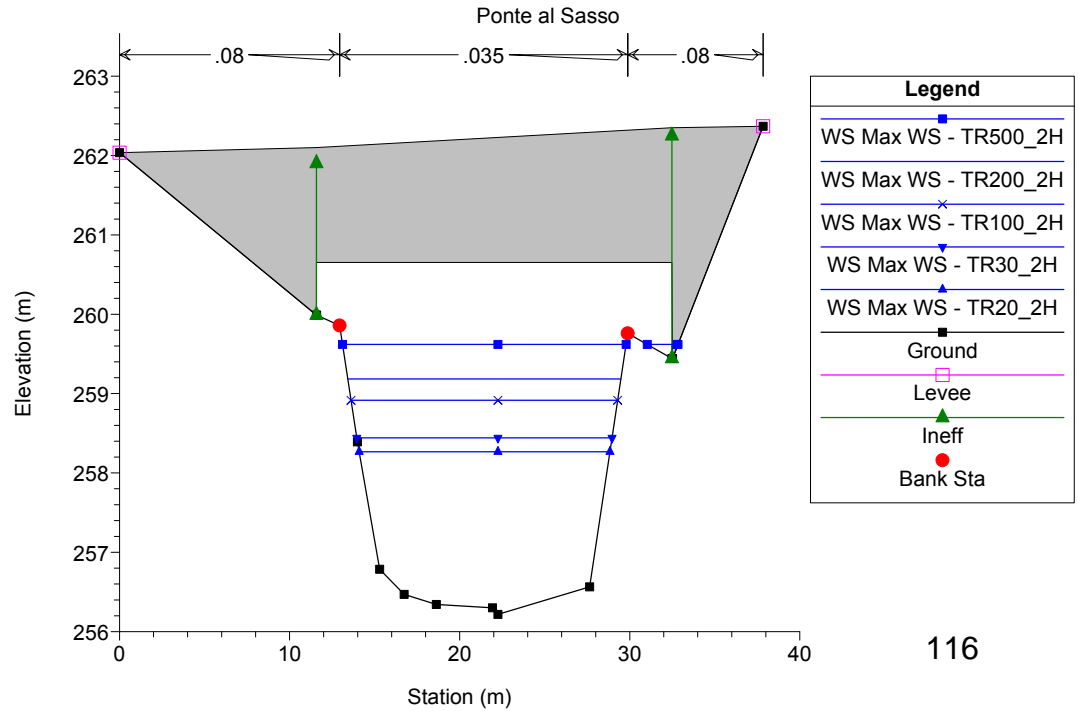
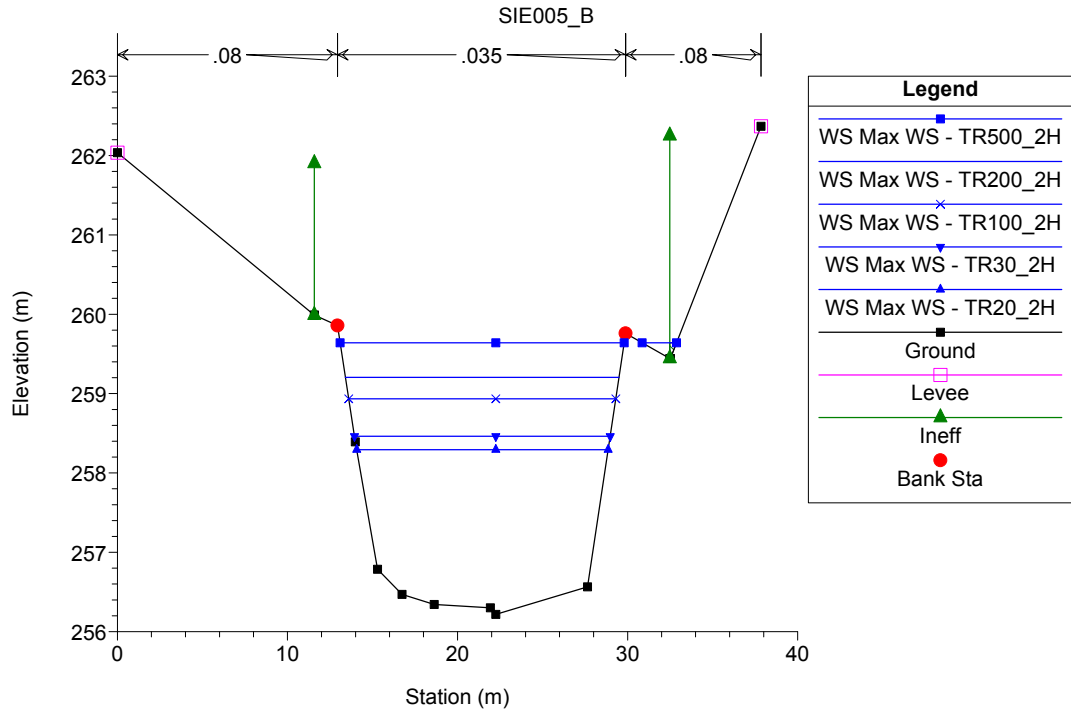
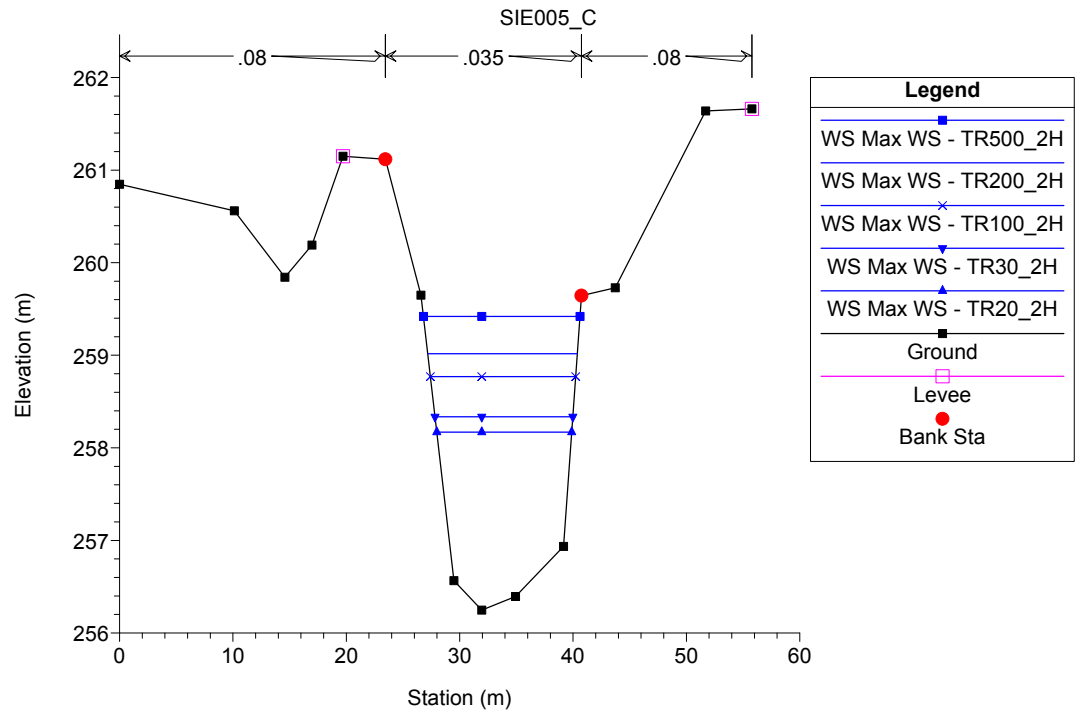
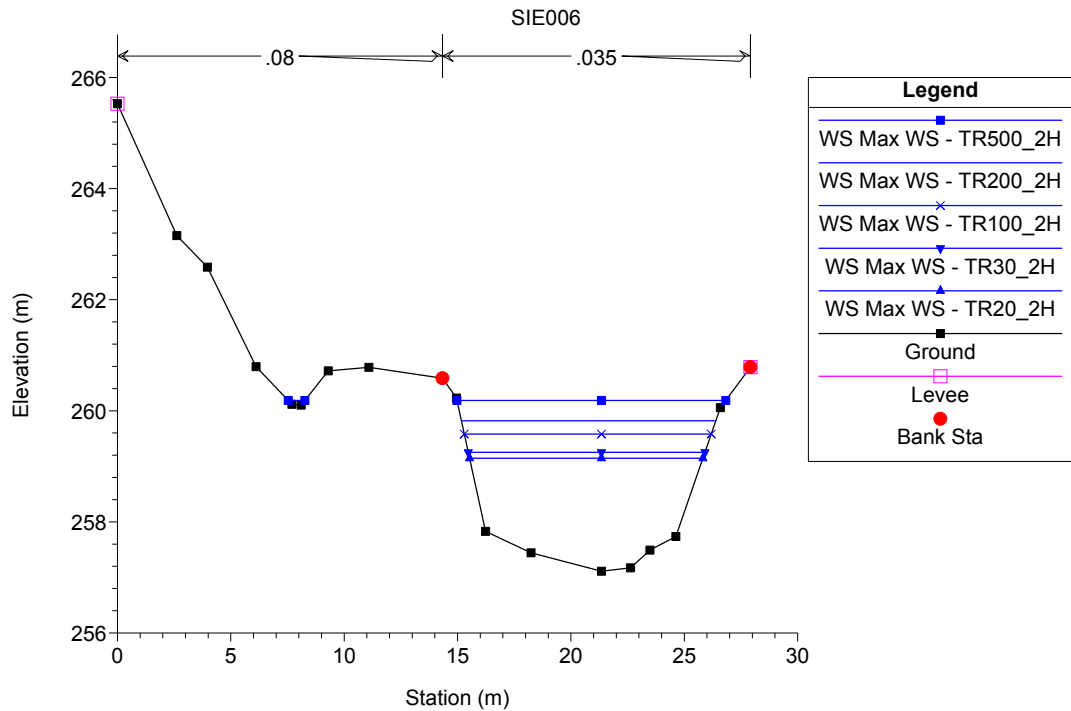
SIE011\_A



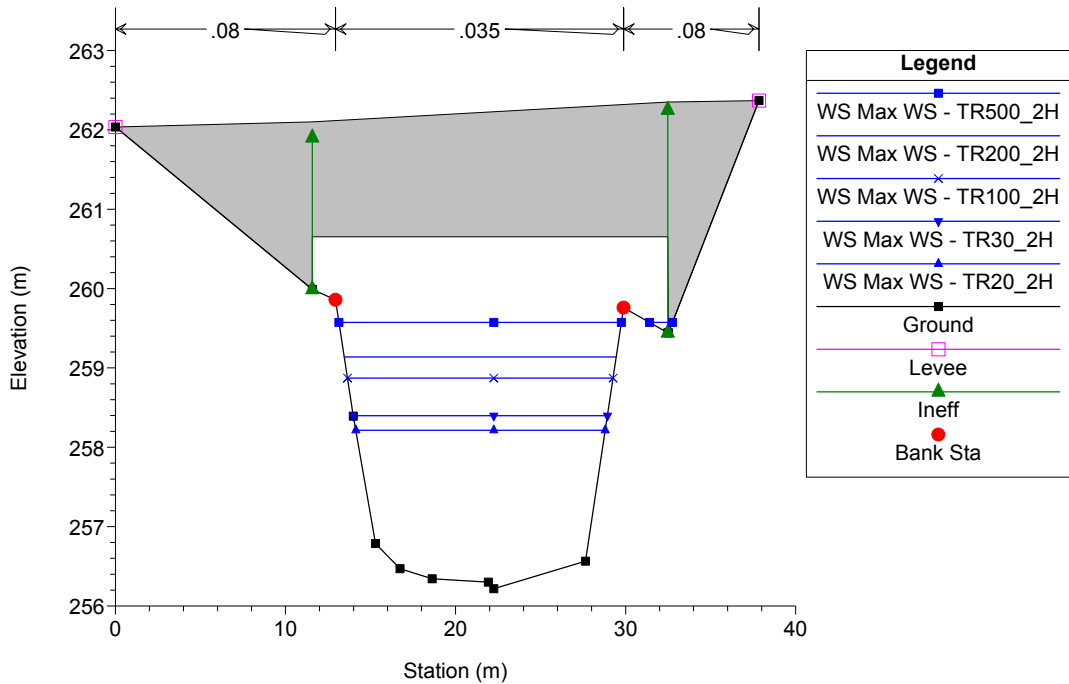




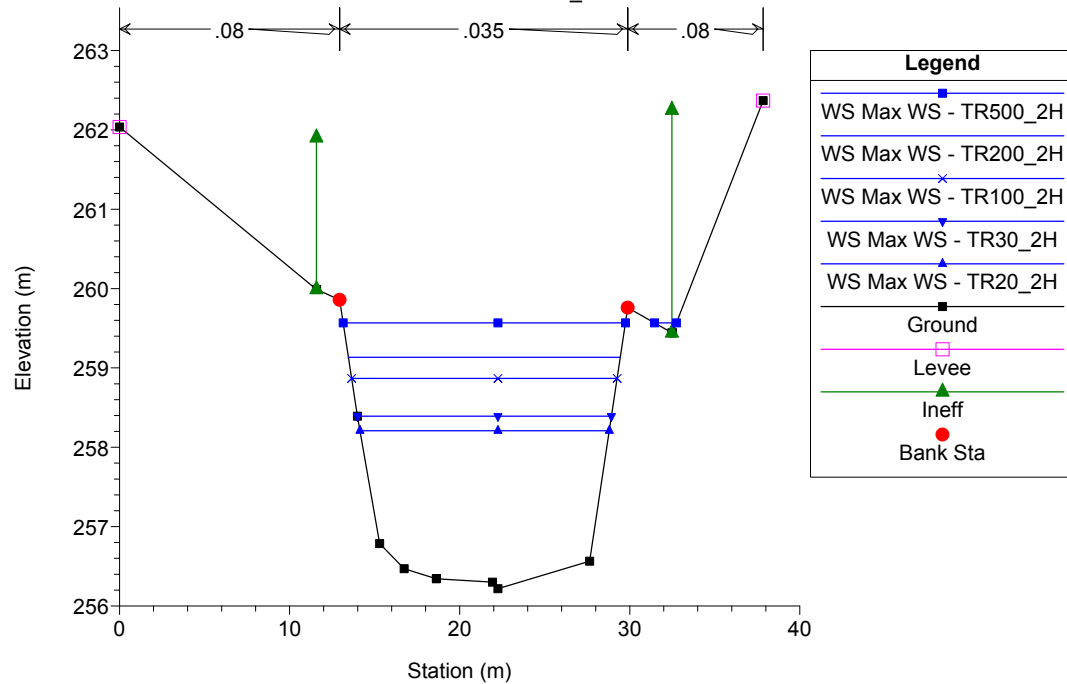




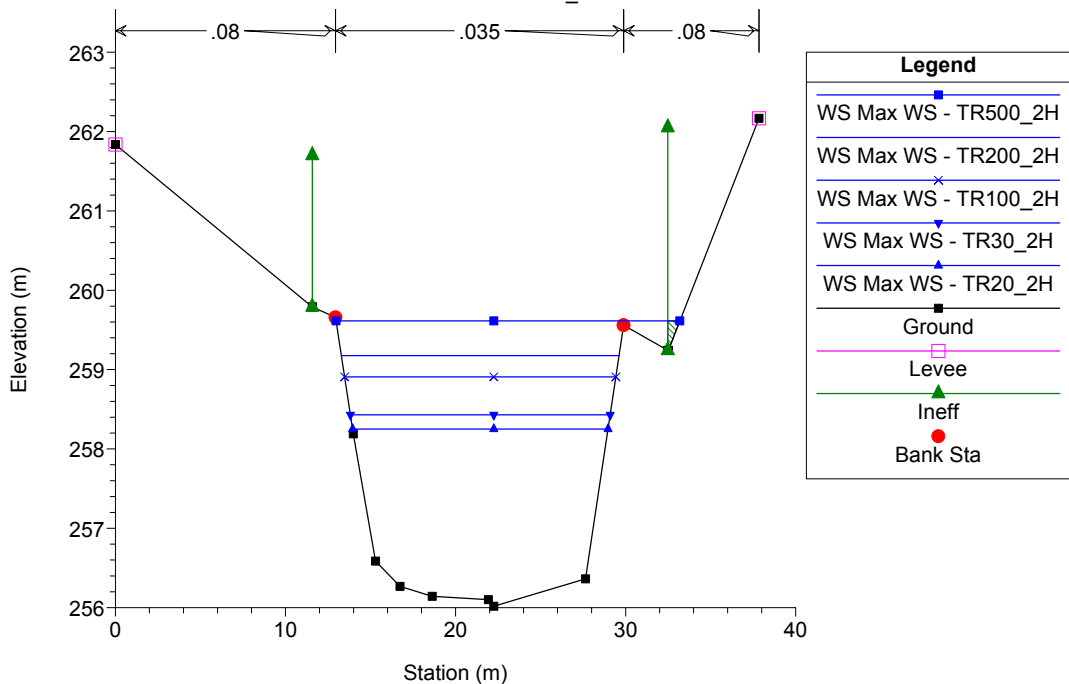
Ponte al Sasso



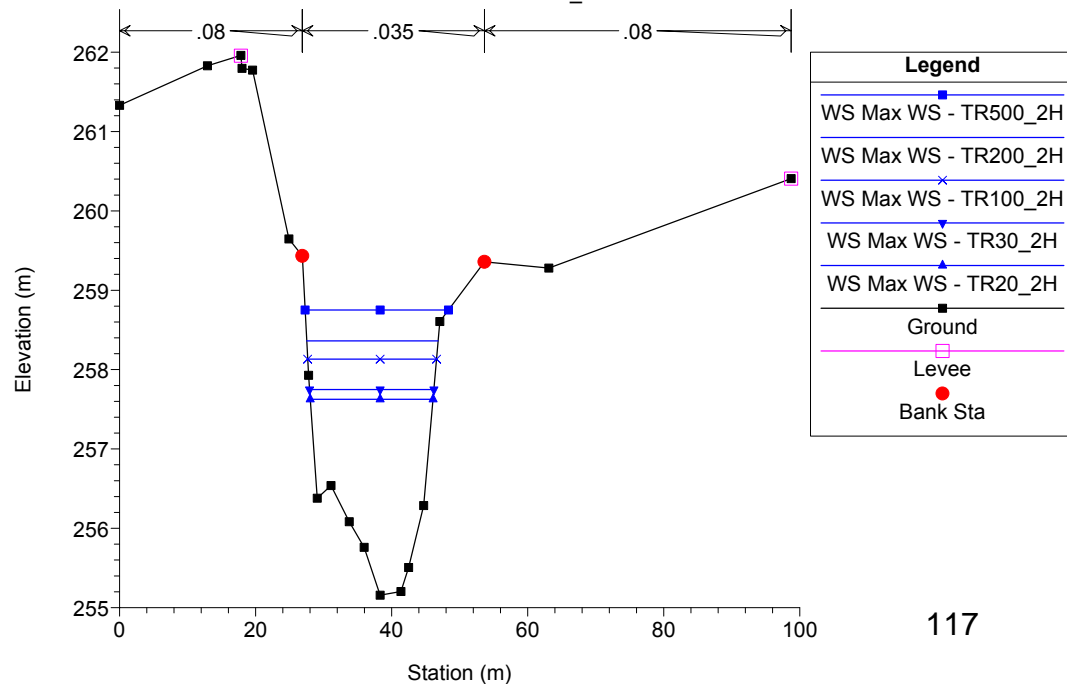
SIE005\_B

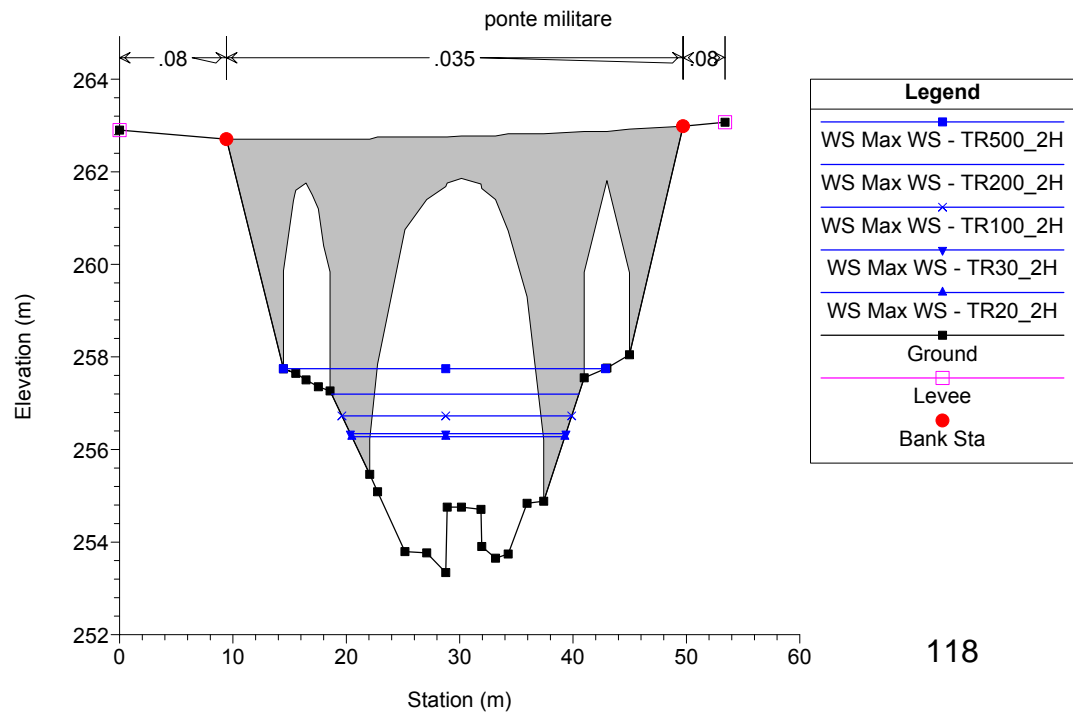
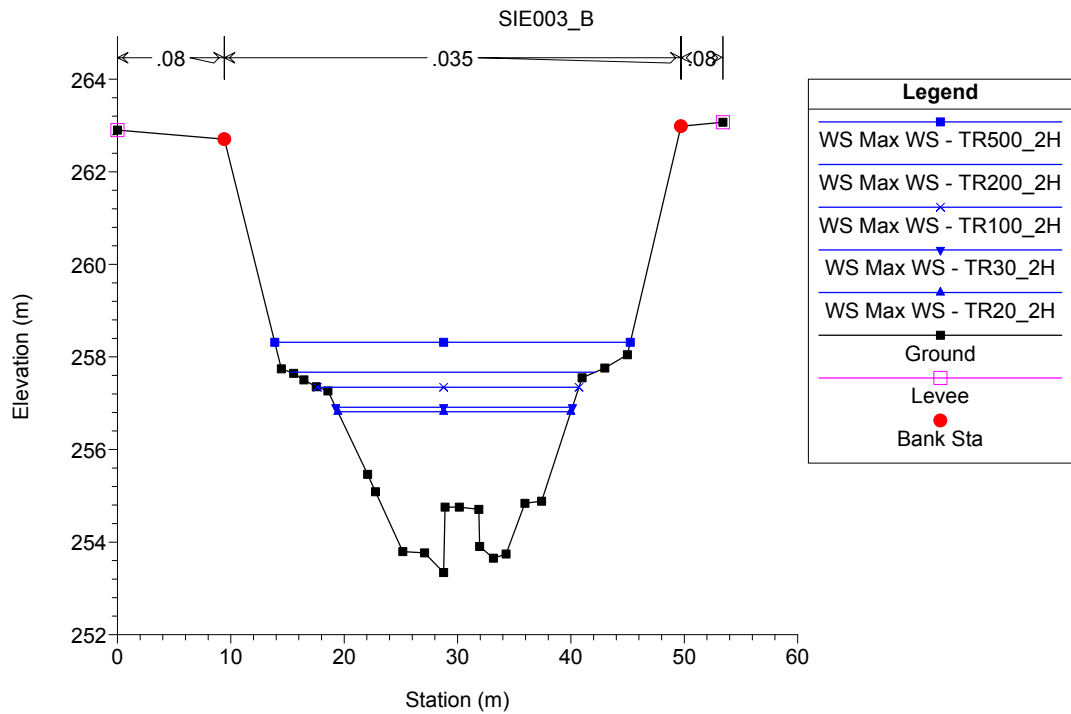
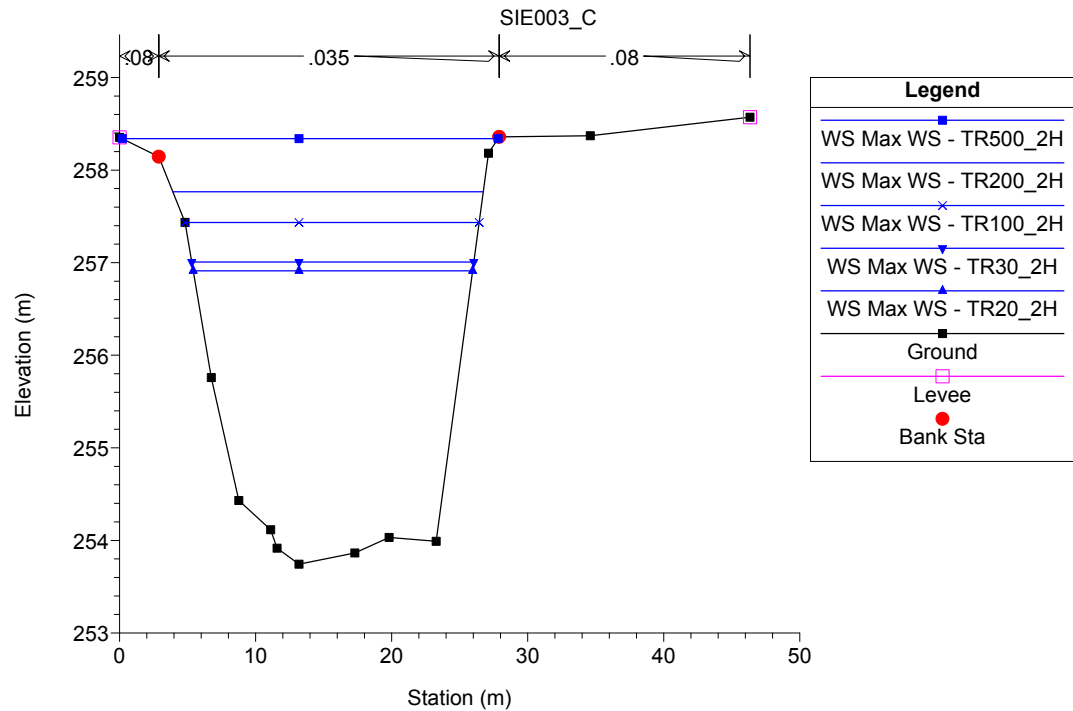
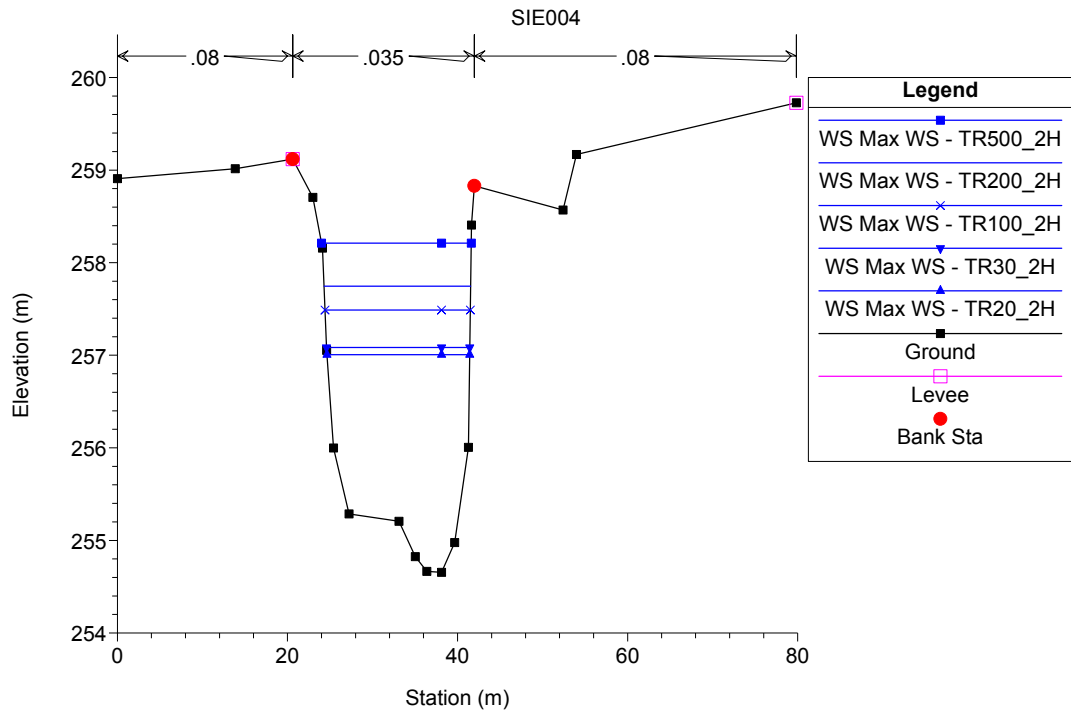


SIE005\_B



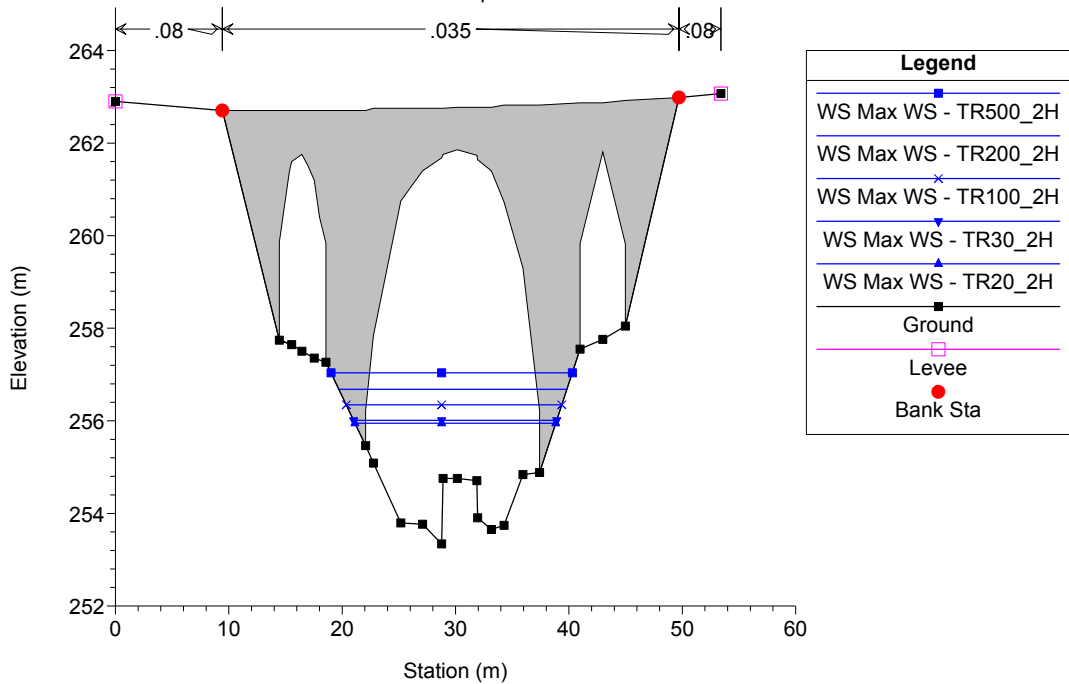
SIE005\_A



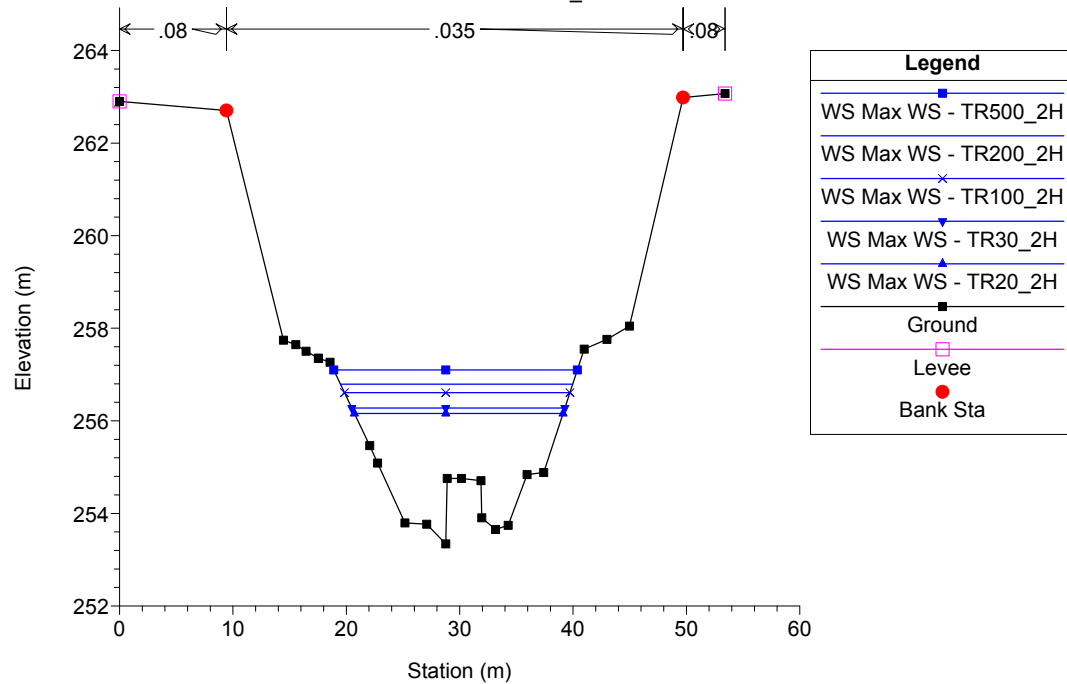




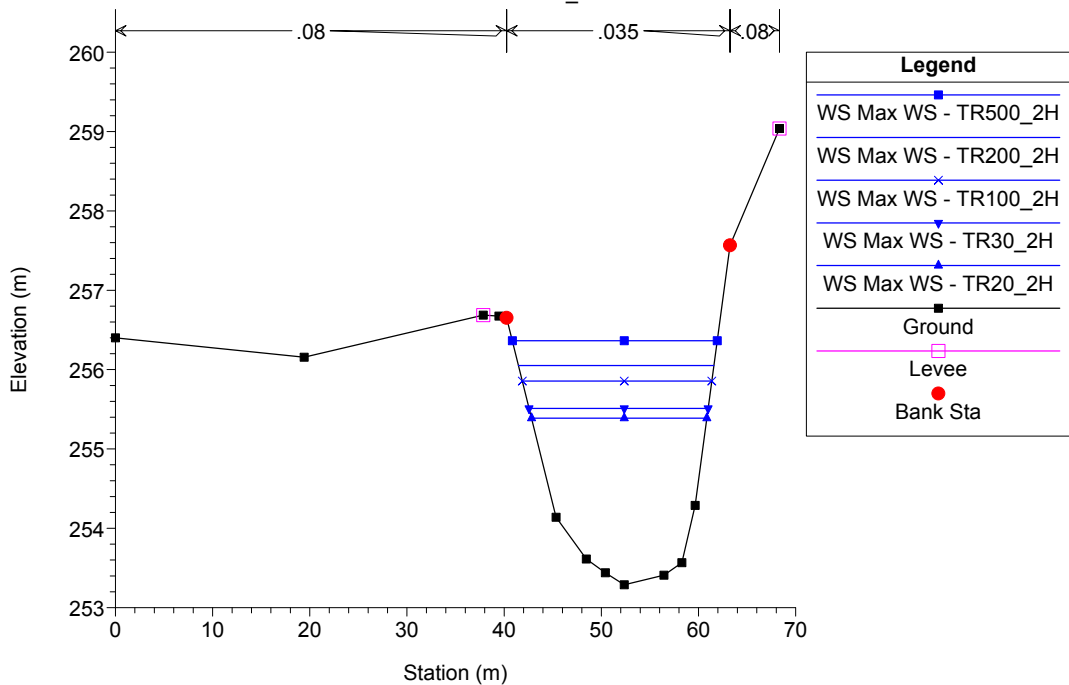
ponete militare



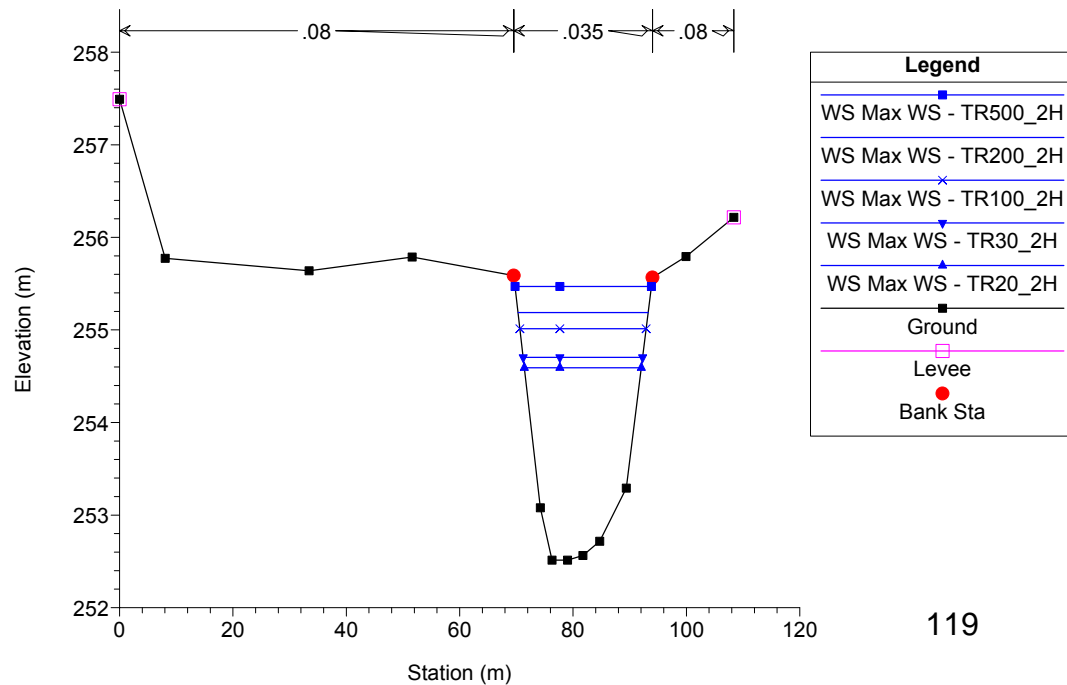
SIE003\_B

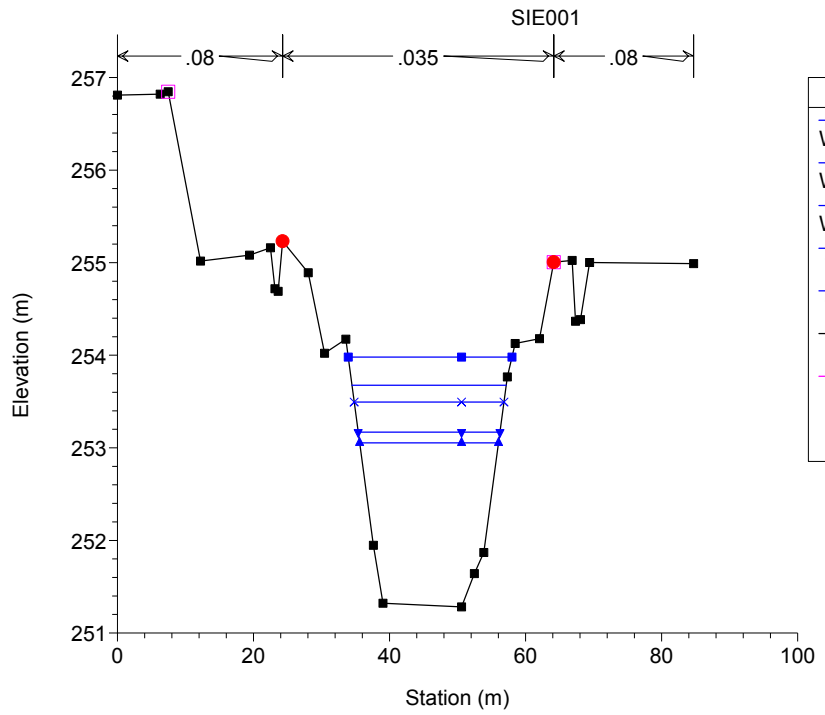


SIE003\_A



SIE002





Legend	
WS Max WS - TR500_2H	■
WS Max WS - TR200_2H	×
WS Max WS - TR100_2H	▼
WS Max WS - TR30_2H	▲
WS Max WS - TR20_2H	■
Ground	■
Levee	□
Bank Sta	●

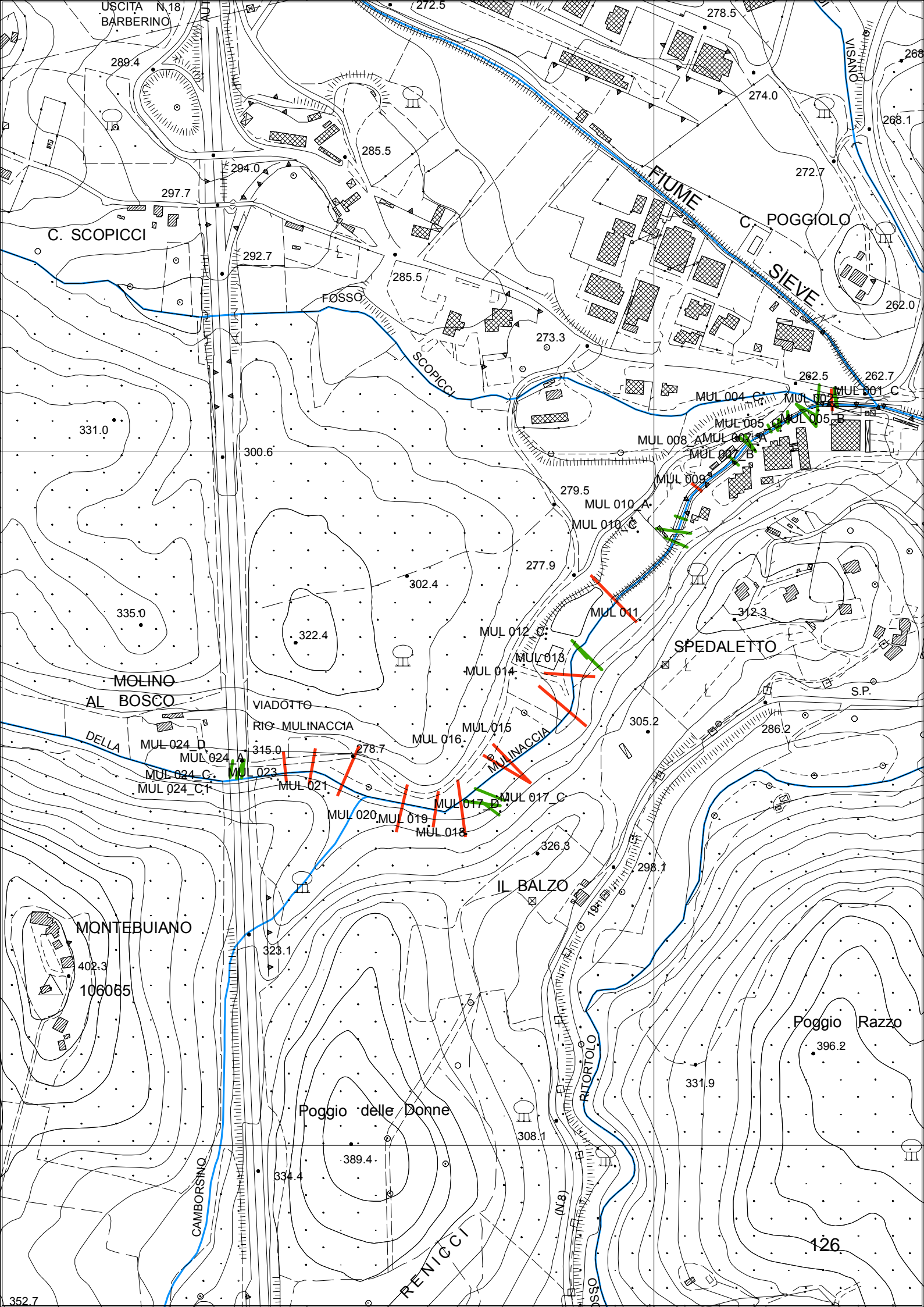




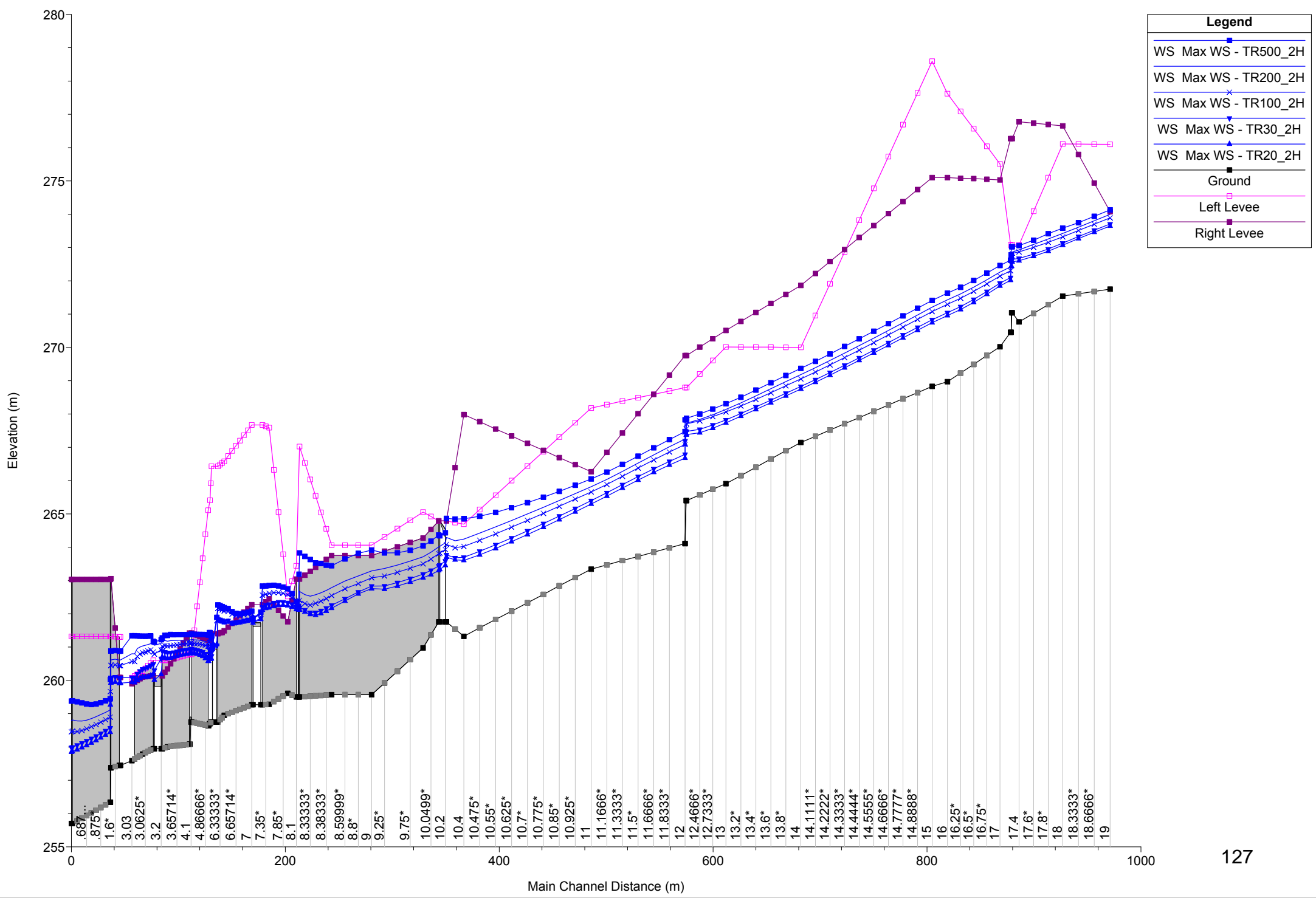


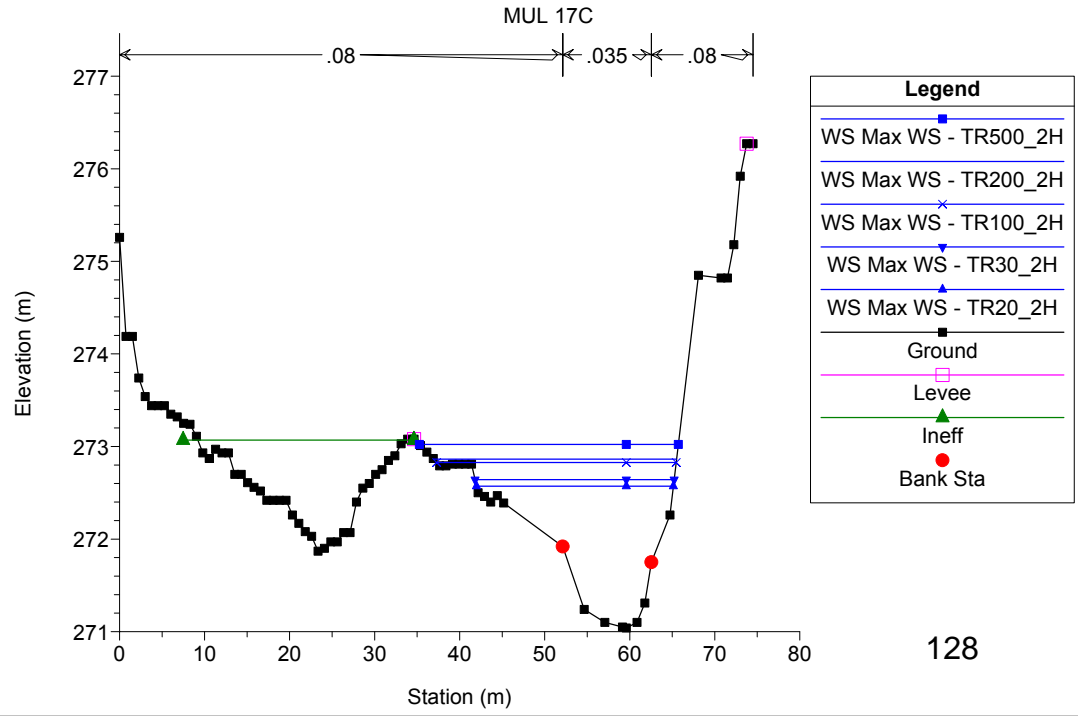
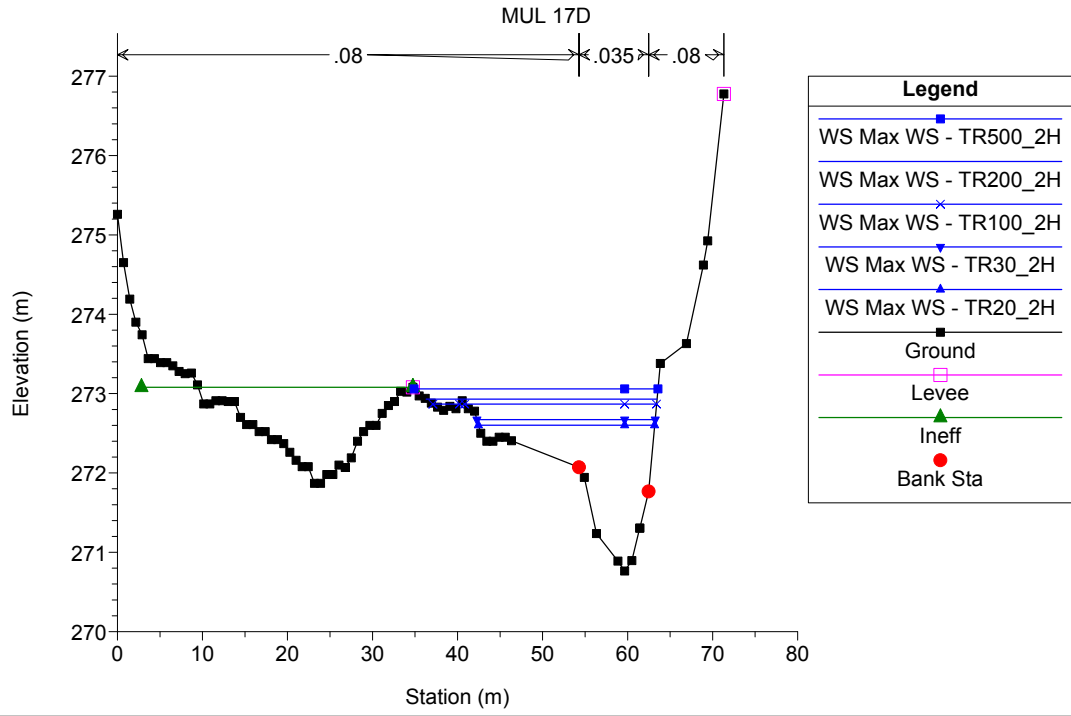
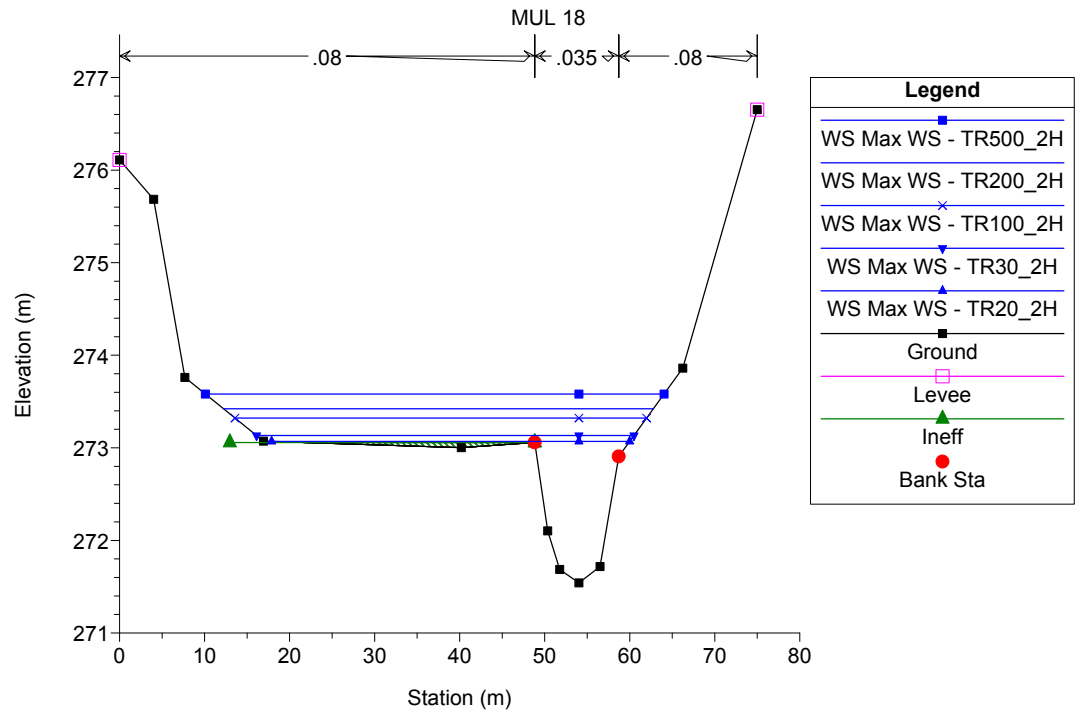
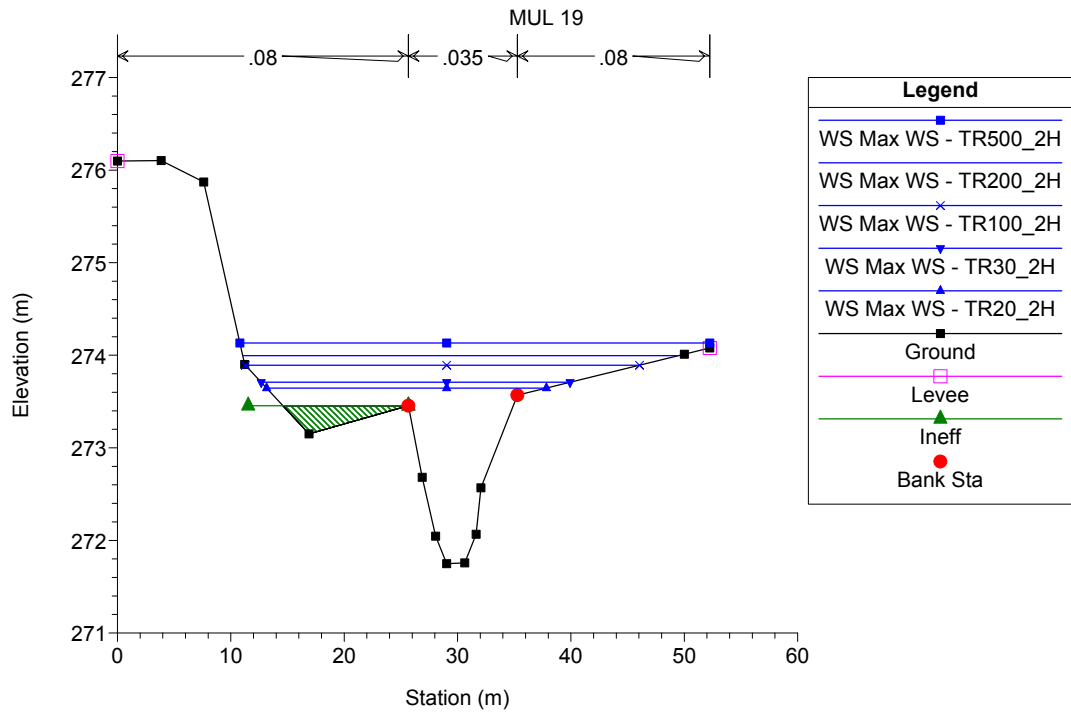
Reach	River Sta	Profile	Plan	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
sievevallemulina	3.15	Max WS	TR200_2H	181.46	253.34	257.67	256.69	258.10	0.004016	2.89	62.74	26.86	0.60
sievevallemulina	3.15	Max WS	TR20_2H	104.73	253.34	256.82	255.97	257.11	0.003321	2.42	43.35	20.56	0.53
sievevallemulina	3.15	Max WS	TR30_2H	110.62	253.34	256.91	256.03	257.21	0.003258	2.44	45.32	20.87	0.53
sievevallemulina	3.15	Max WS	TR100_2H	144.50	253.34	257.35	256.36	257.70	0.003360	2.64	54.74	23.08	0.55
sievevallemulina	3.15	Max WS	TR500_2H	224.39	253.34	258.31	257.03	258.70	0.003045	2.73	82.09	31.37	0.54
sievevallemulina	3.13			Bridge									
sievevallemulina	3.1	Max WS	TR200_2H	181.43	253.34	256.79	256.69	257.70	0.010290	4.23	42.87	20.48	0.93
sievevallemulina	3.1	Max WS	TR20_2H	104.73	253.34	256.16	255.97	256.76	0.009183	3.42	30.58	18.41	0.85
sievevallemulina	3.1	Max WS	TR30_2H	117.51	253.34	256.28	256.10	256.93	0.009455	3.59	32.75	18.79	0.87
sievevallemulina	3.1	Max WS	TR100_2H	156.82	253.34	256.61	256.48	257.43	0.009984	4.00	39.17	19.88	0.91
sievevallemulina	3.1	Max WS	TR500_2H	224.38	253.34	257.10	257.03	258.15	0.010523	4.55	49.30	21.49	0.96
sievevallemulina	3	Max WS	TR200_2H	181.42	253.29	256.05	256.03	257.05	0.010120	4.42	41.02	20.11	0.99
sievevallemulina	3	Max WS	TR20_2H	104.73	253.29	255.39	255.32	256.08	0.009798	3.69	28.36	18.04	0.94
sievevallemulina	3	Max WS	TR30_2H	117.51	253.29	255.51	255.45	256.26	0.009879	3.84	30.61	18.43	0.95
sievevallemulina	3	Max WS	TR100_2H	156.81	253.29	255.86	255.82	256.76	0.010049	4.22	37.14	19.50	0.98
sievevallemulina	3	Max WS	TR500_2H	224.38	253.29	256.36	256.37	257.50	0.010227	4.73	47.44	21.08	1.01
sievevallemulina	2	Max WS	TR200_2H	181.37	252.51	255.19	255.07	256.01	0.008620	4.03	45.01	22.96	0.92
sievevallemulina	2	Max WS	TR20_2H	104.72	252.51	254.59	254.40	255.14	0.007672	3.27	32.02	20.63	0.84
sievevallemulina	2	Max WS	TR30_2H	117.50	252.51	254.70	254.52	255.30	0.007866	3.42	34.36	21.07	0.85
sievevallemulina	2	Max WS	TR100_2H	156.79	252.51	255.01	254.87	255.76	0.008380	3.82	41.06	22.28	0.90
sievevallemulina	2	Max WS	TR500_2H	224.36	252.51	255.47	255.38	256.43	0.008915	4.34	51.65	24.06	0.95
sievevallemulina	1	Max WS	TR200_2H	181.30	251.28	253.68	253.65	254.59	0.010005	4.23	42.84	22.68	0.98
sievevallemulina	1	Max WS	TR20_2H	104.71	251.28	253.05	253.00	253.70	0.010007	3.56	29.42	20.40	0.95
sievevallemulina	1	Max WS	TR30_2H	117.50	251.28	253.17	253.12	253.86	0.010009	3.69	31.81	20.83	0.95
sievevallemulina	1	Max WS	TR100_2H	156.78	251.28	253.49	253.45	254.33	0.010006	4.05	38.75	22.01	0.97
sievevallemulina	1	Max WS	TR500_2H	224.34	251.28	253.98	253.98	255.01	0.010002	4.50	49.91	24.07	1.00

## **TORRENTE MULINACCIA**

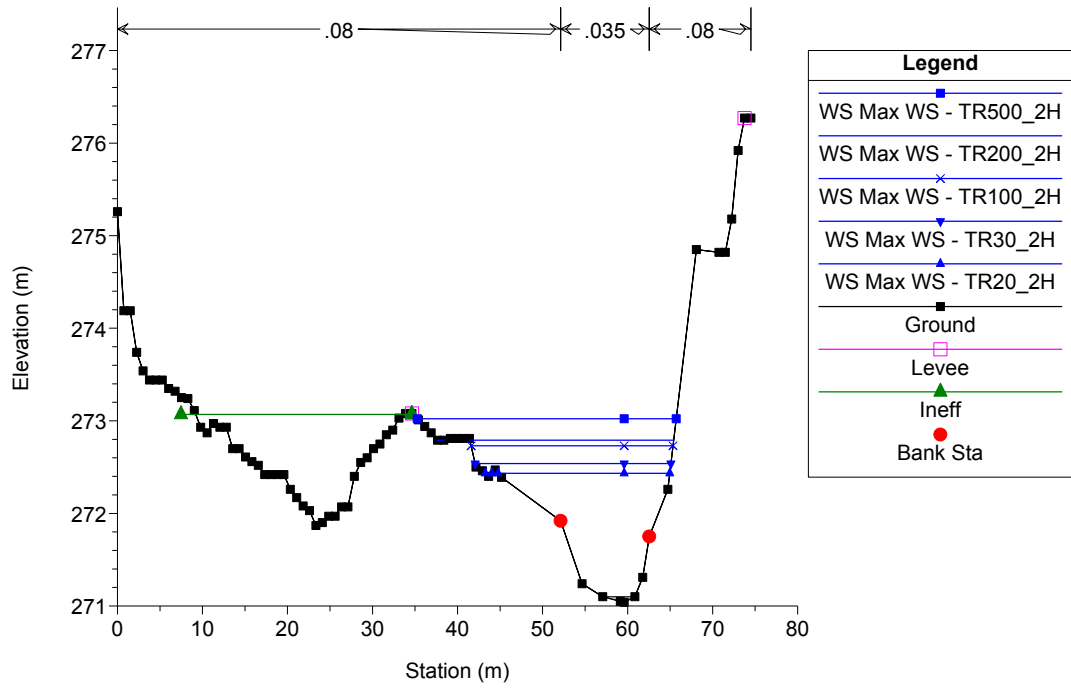




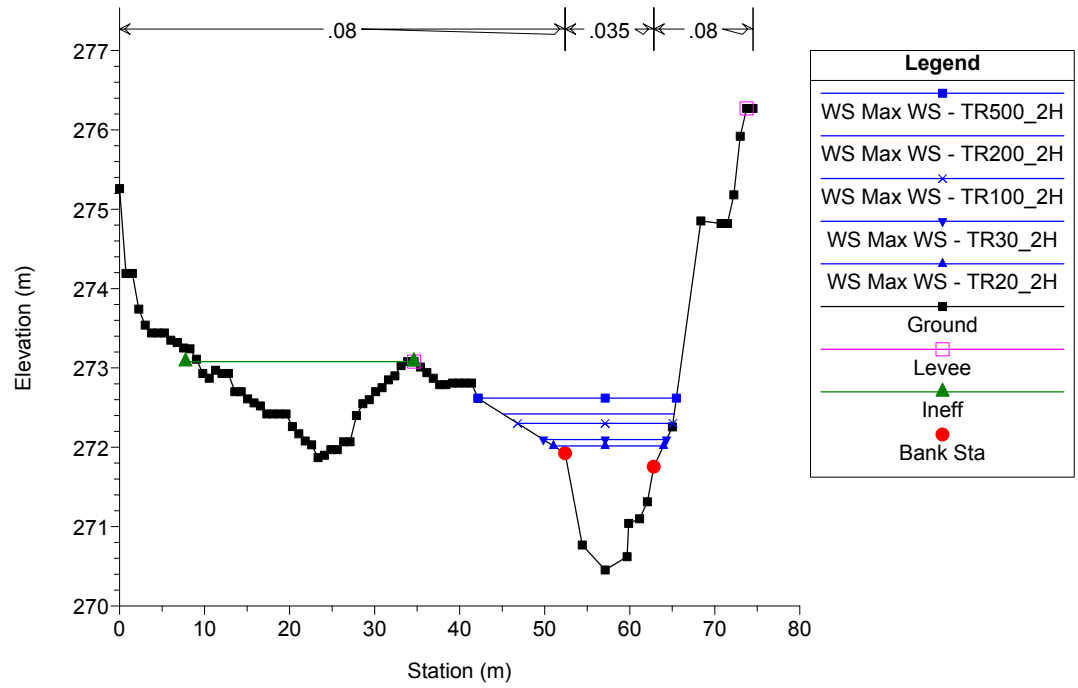




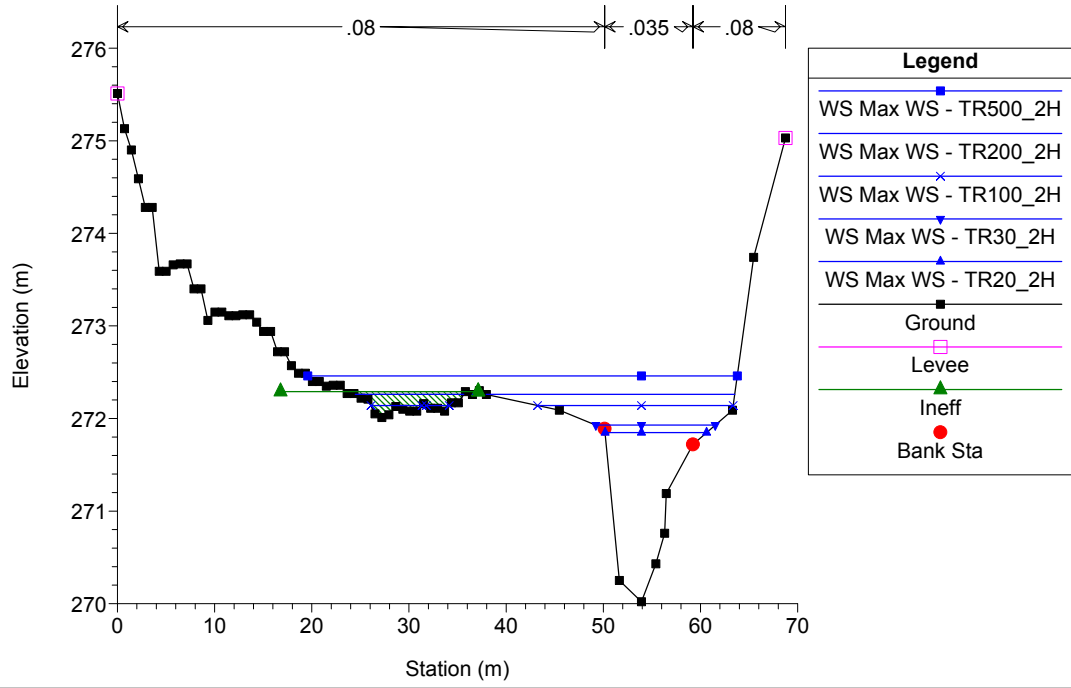
MUL 17B



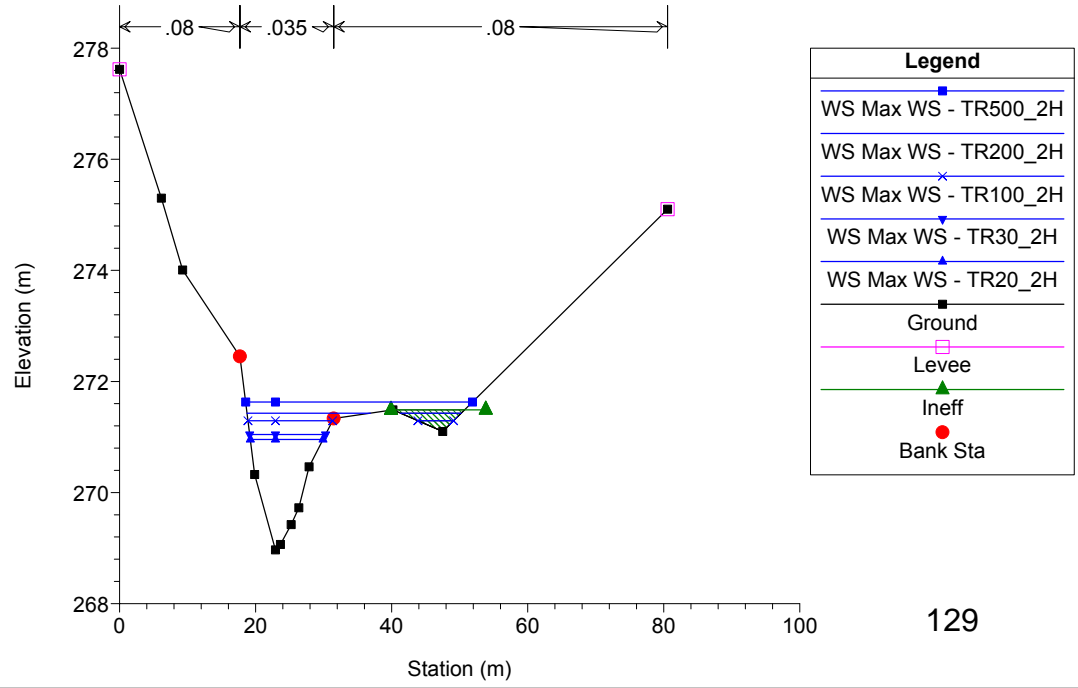
MUL 17B



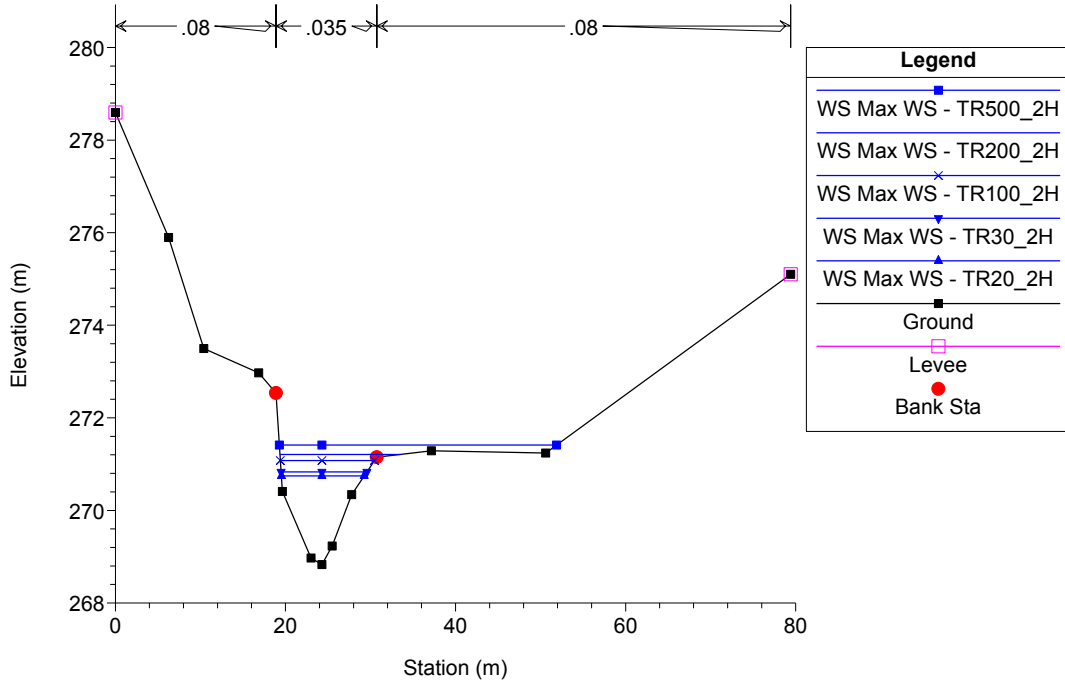
MUL 17A



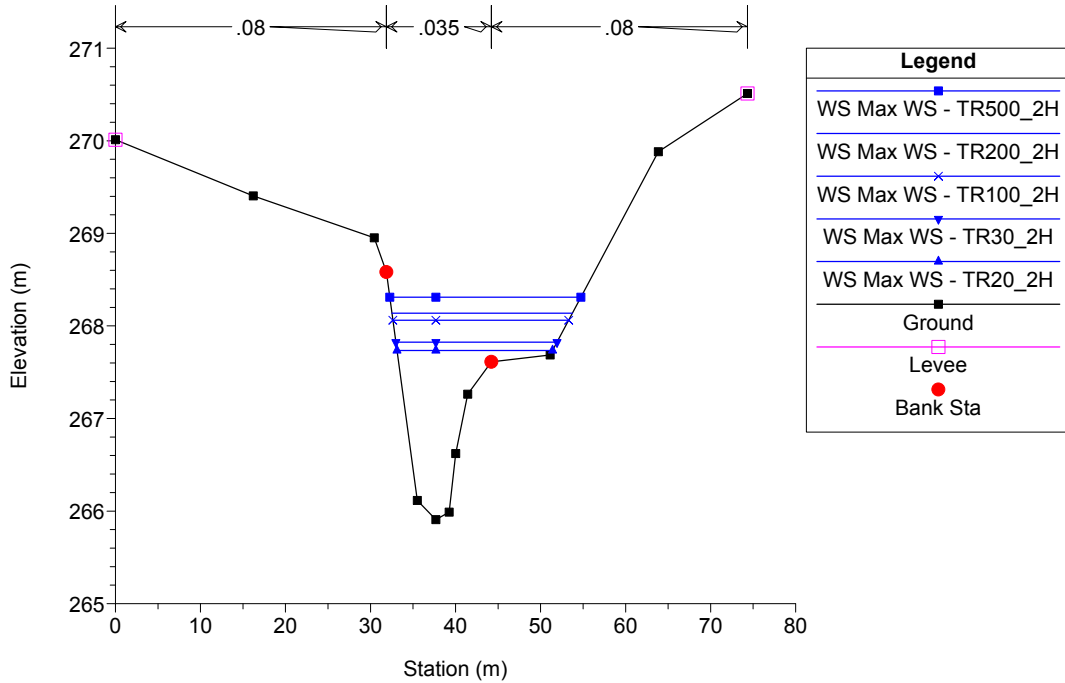
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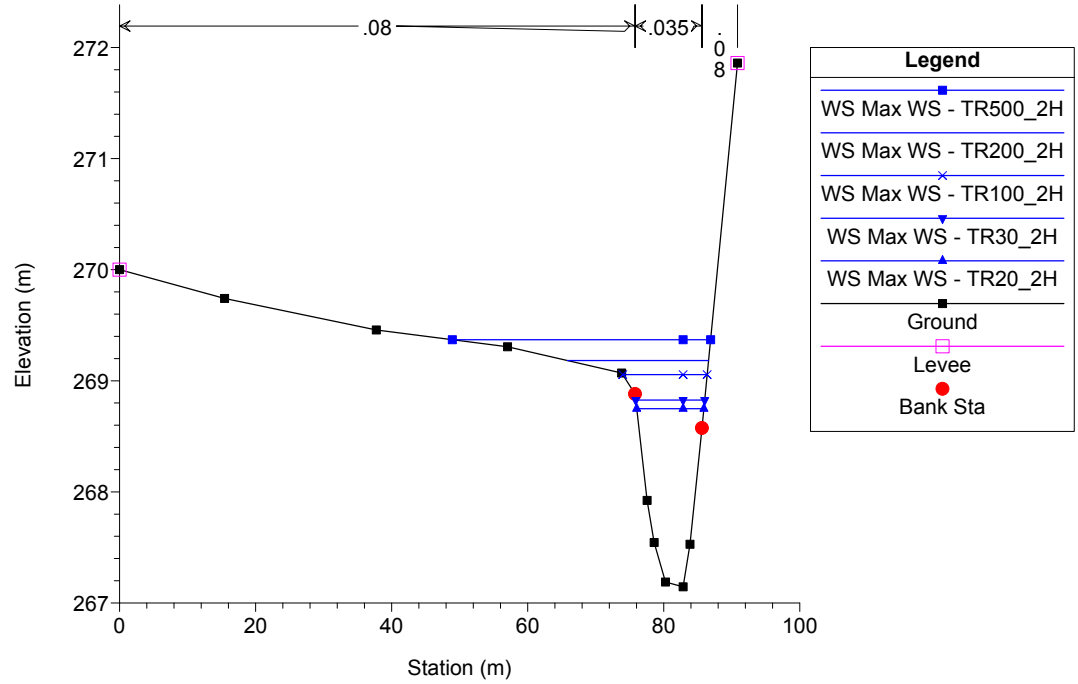
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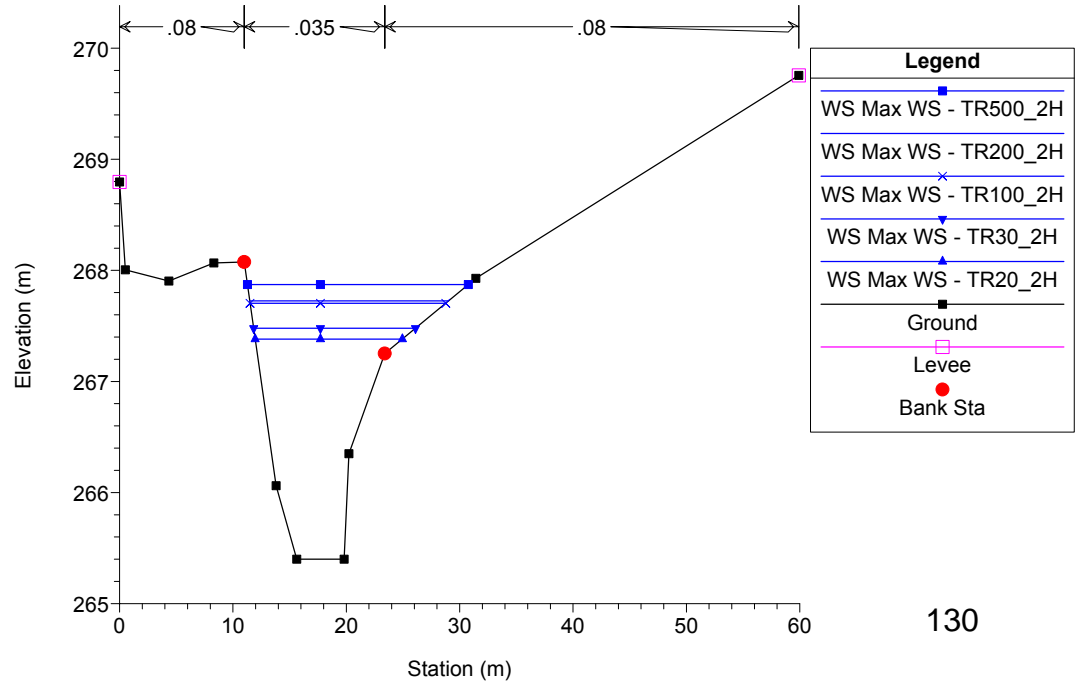
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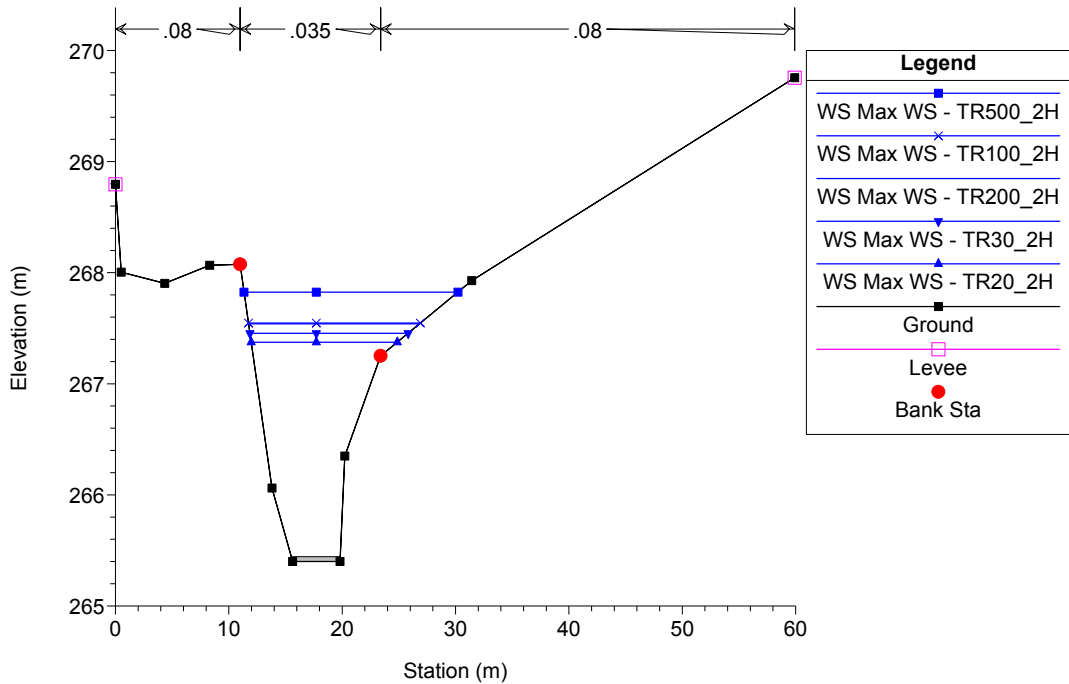
MUL 14



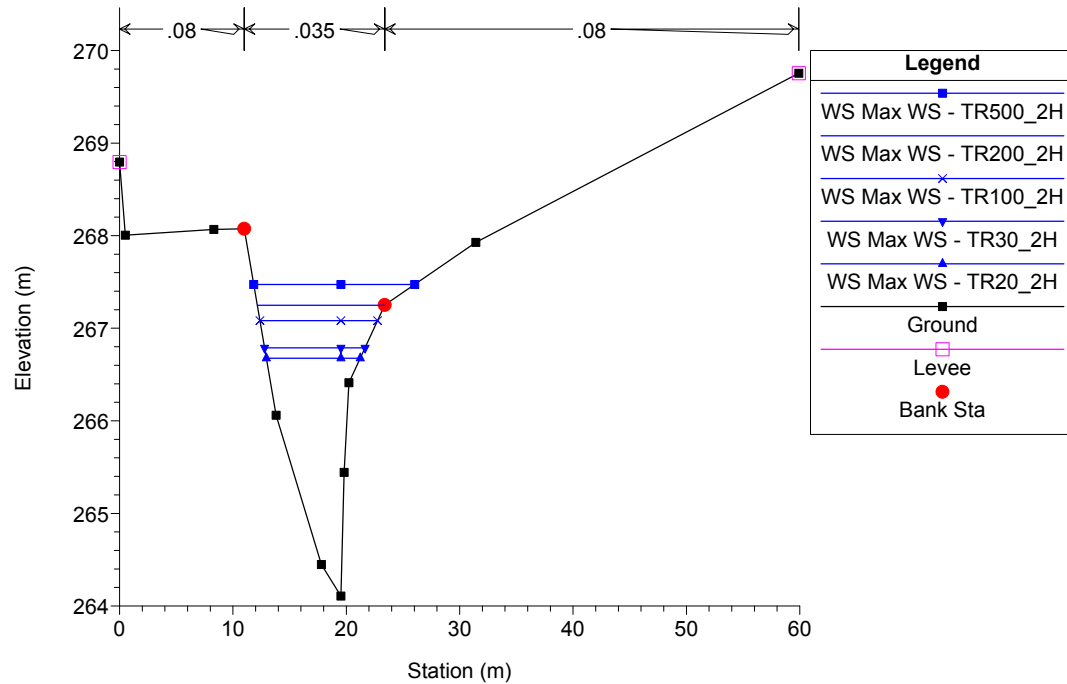
MUL 12B con fondo 12C



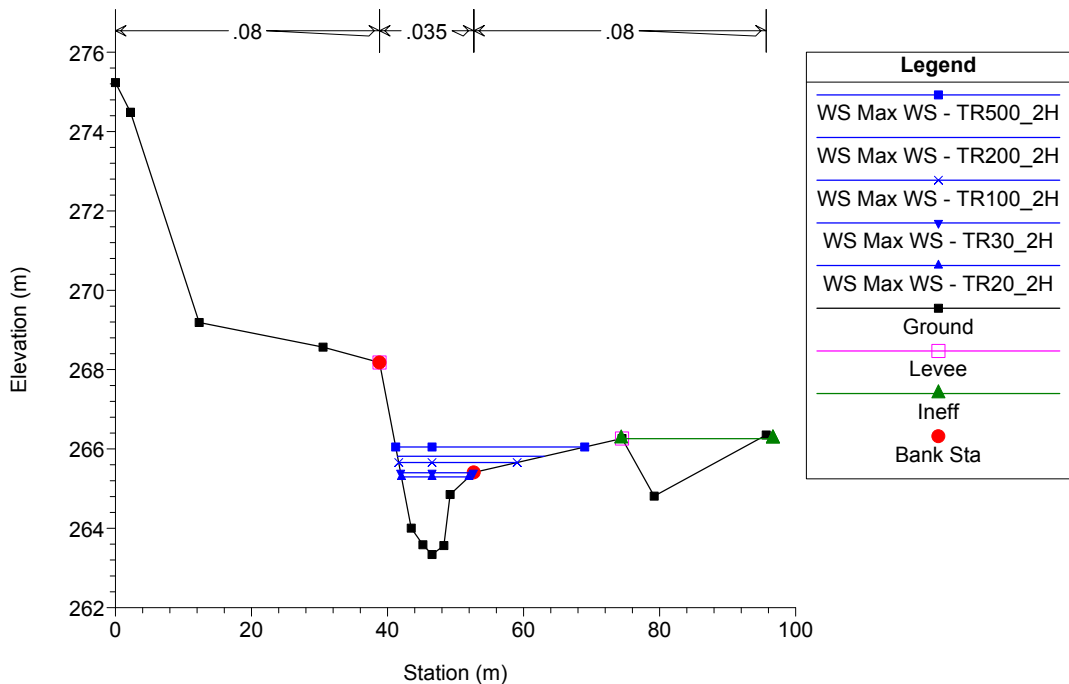
MUL 12B



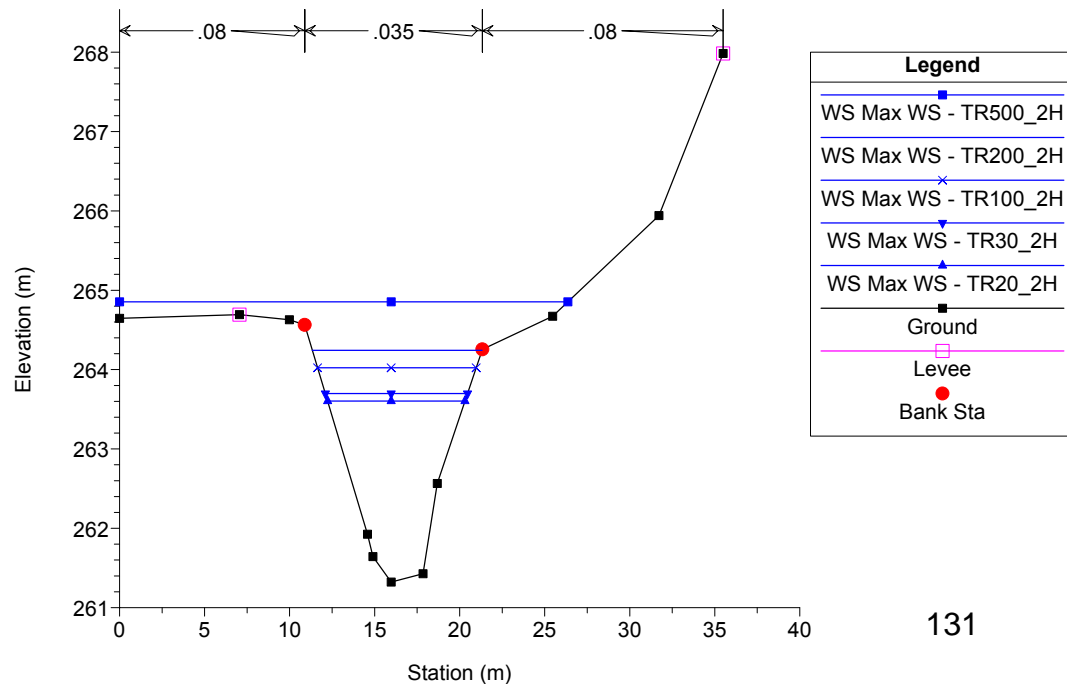
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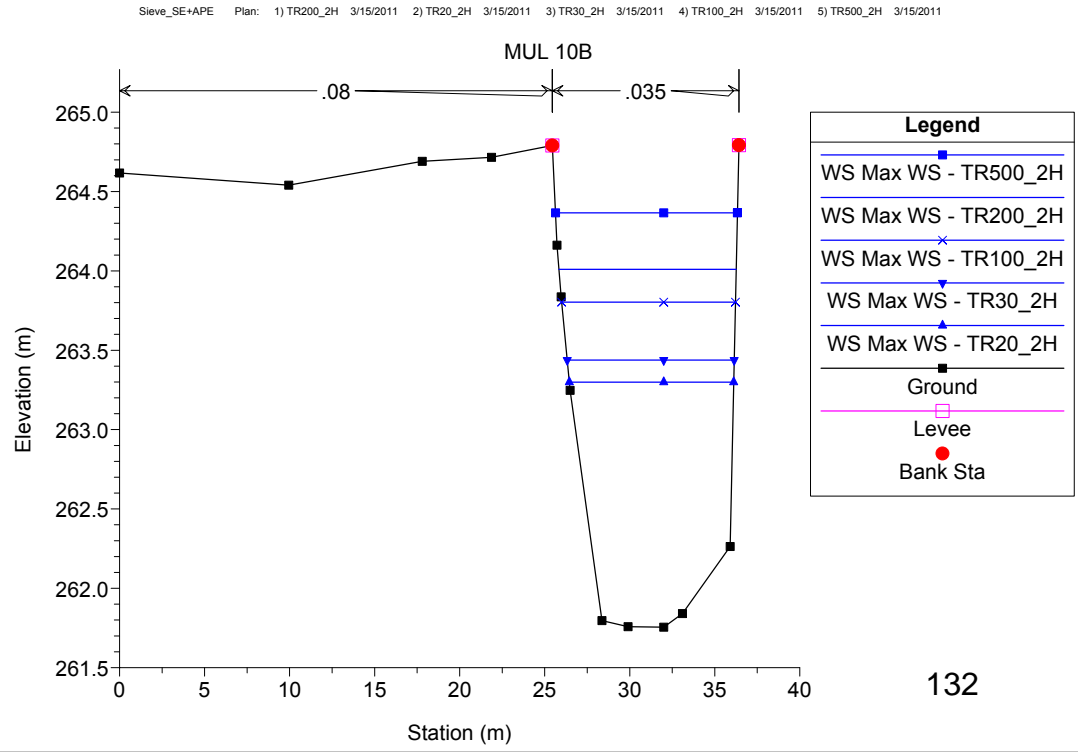
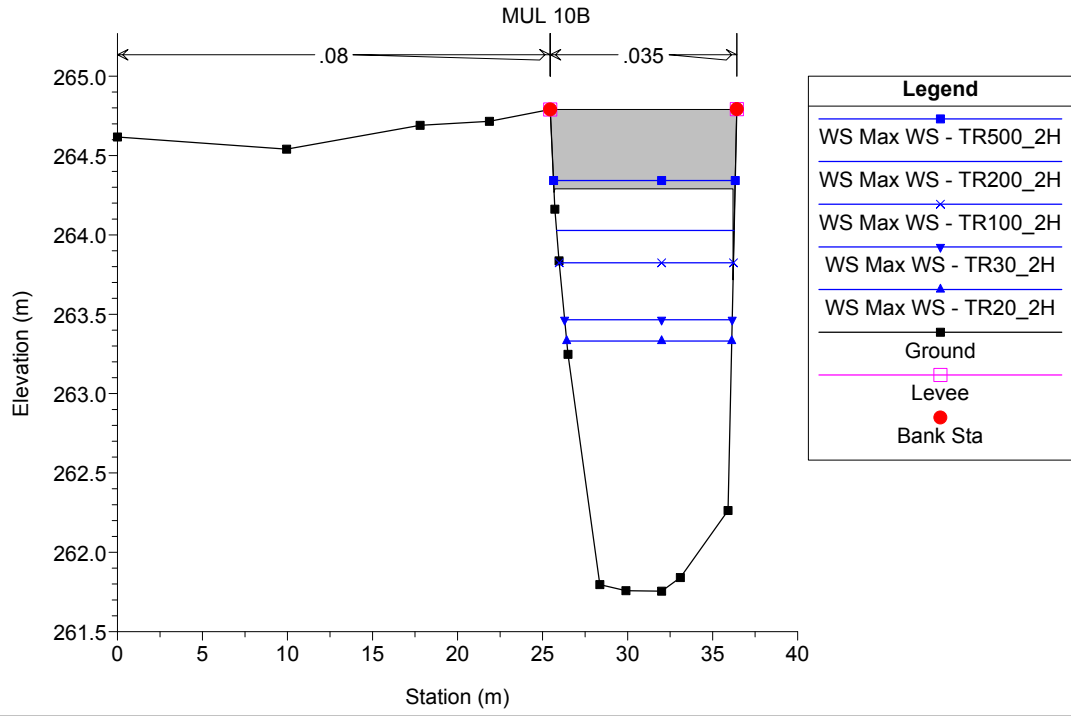
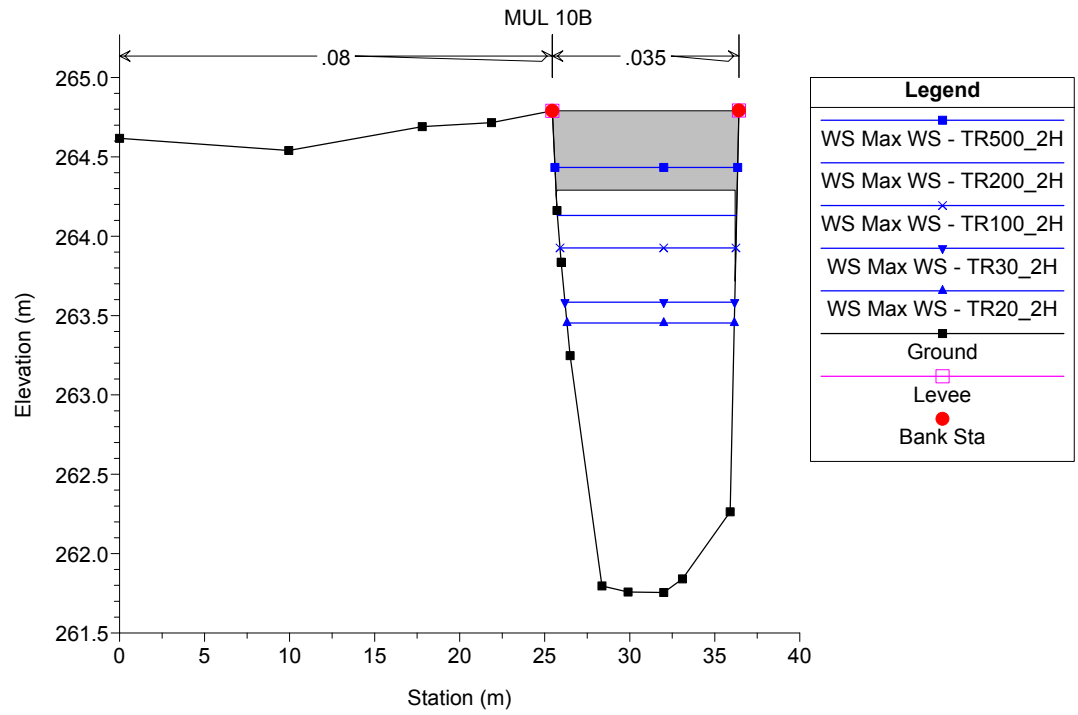
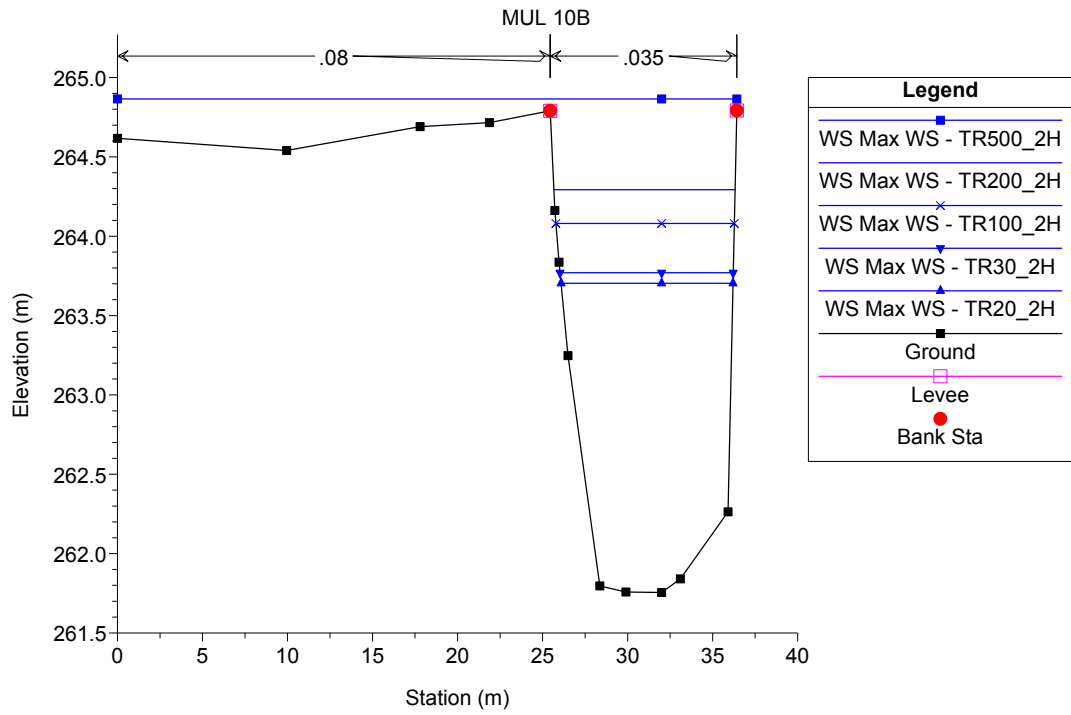


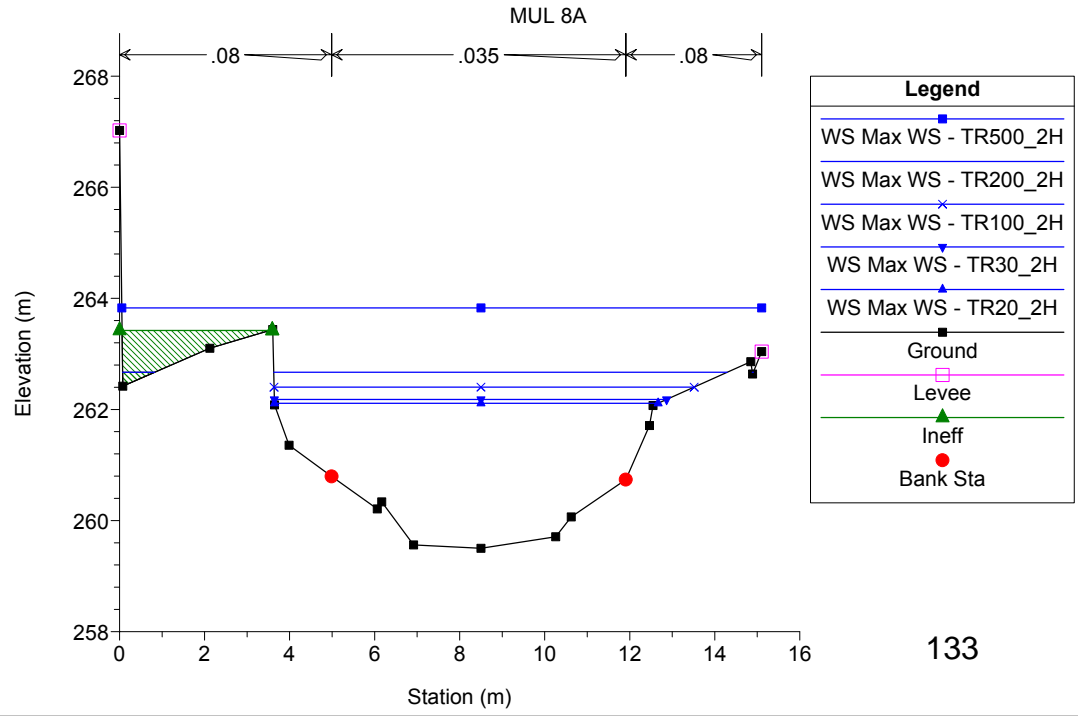
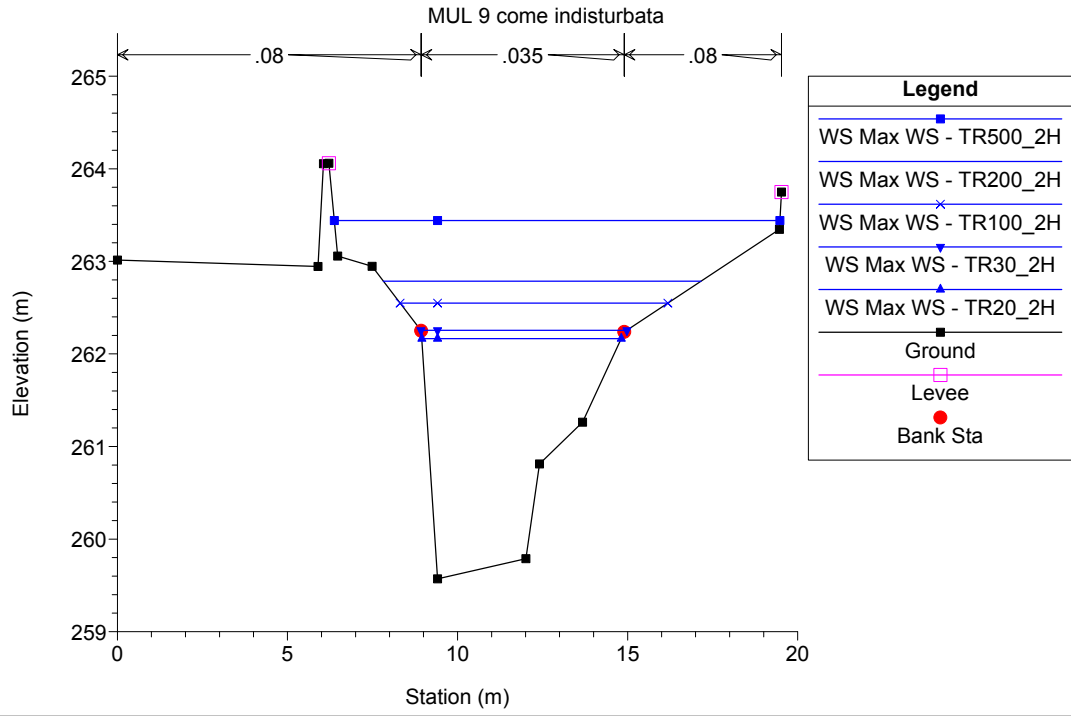
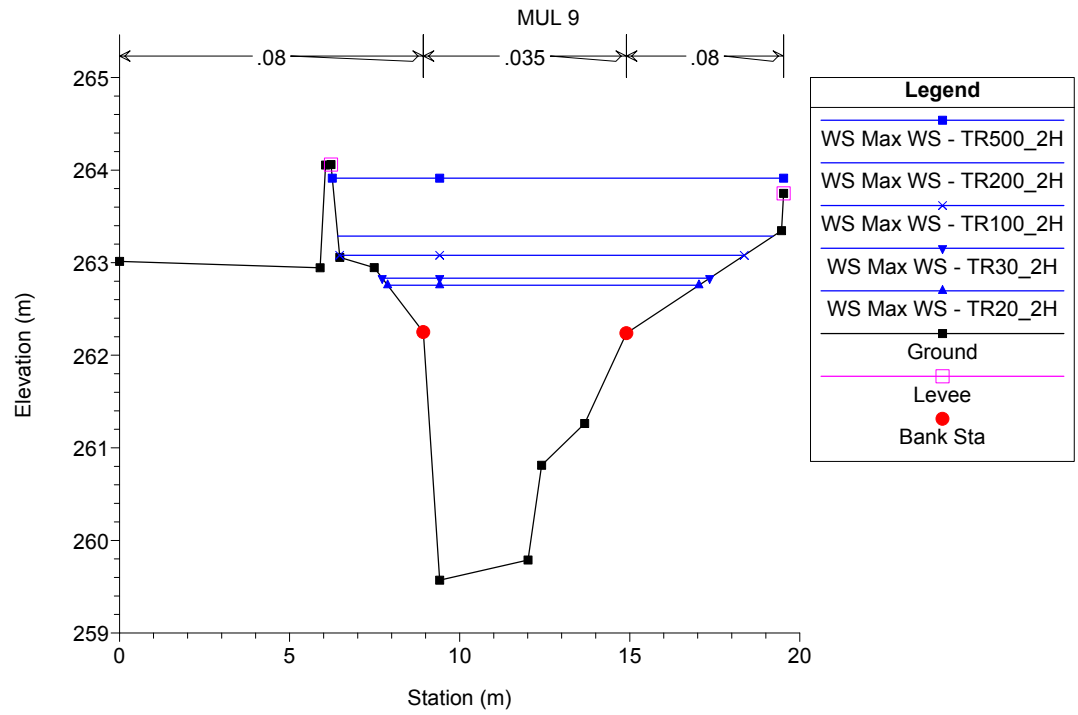
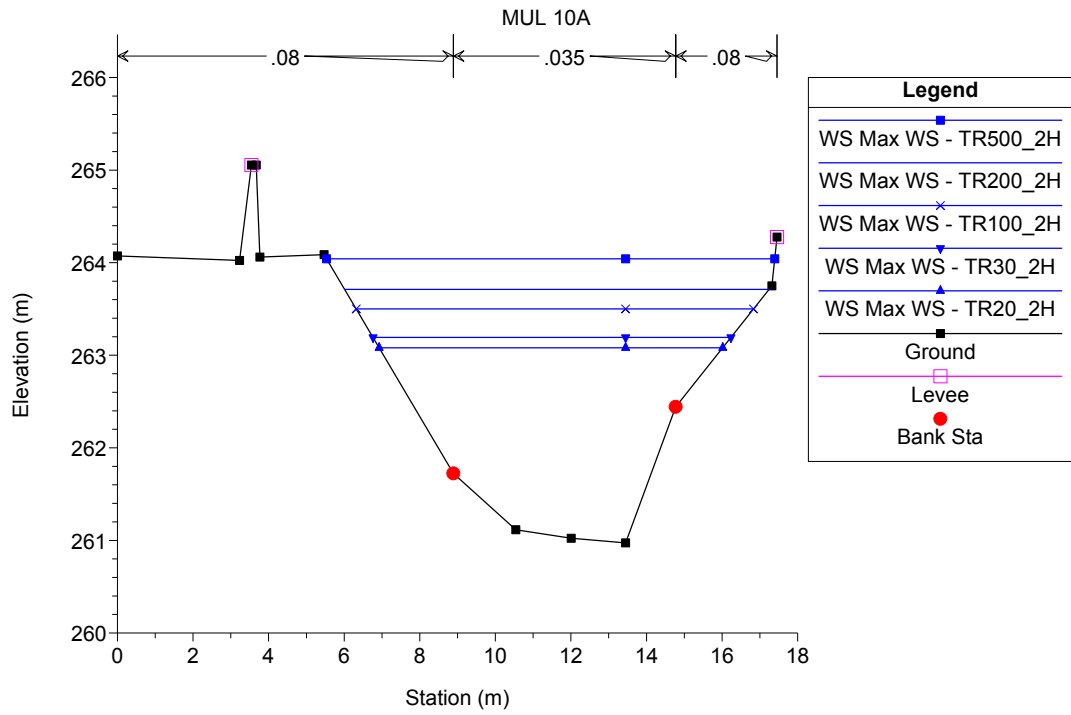
MUL 11



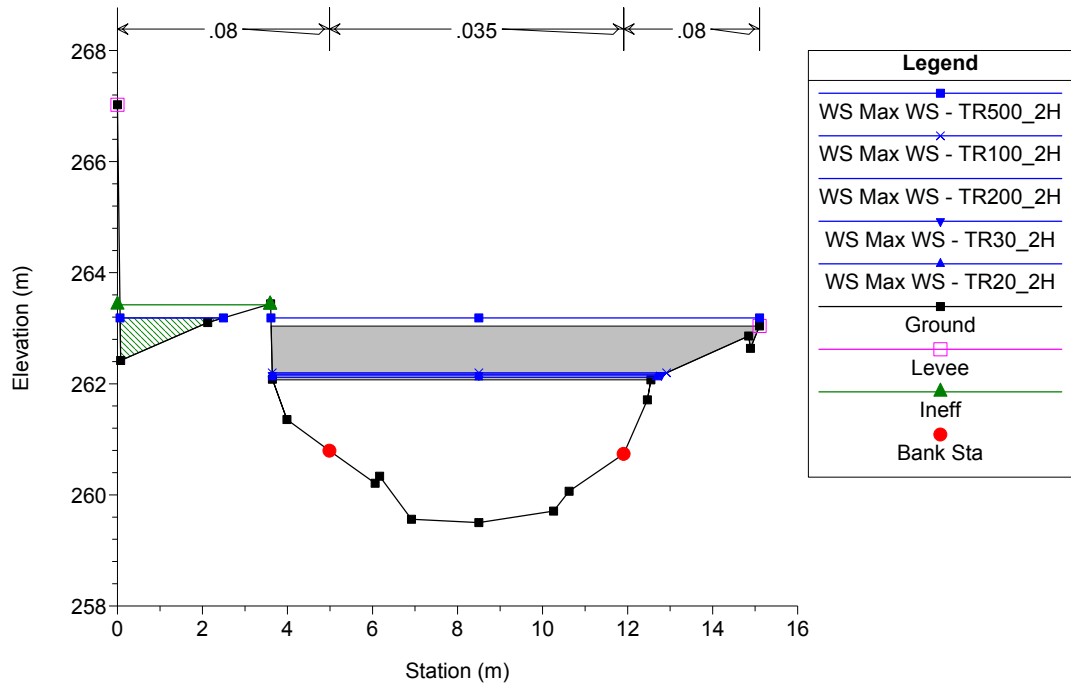
MUL 10C



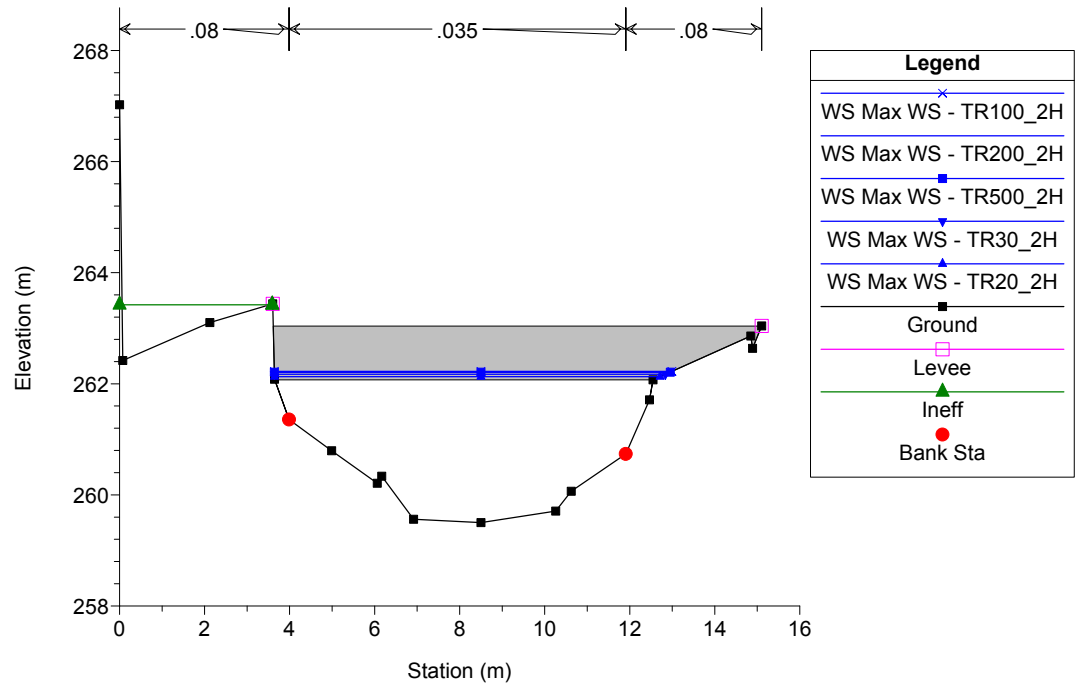




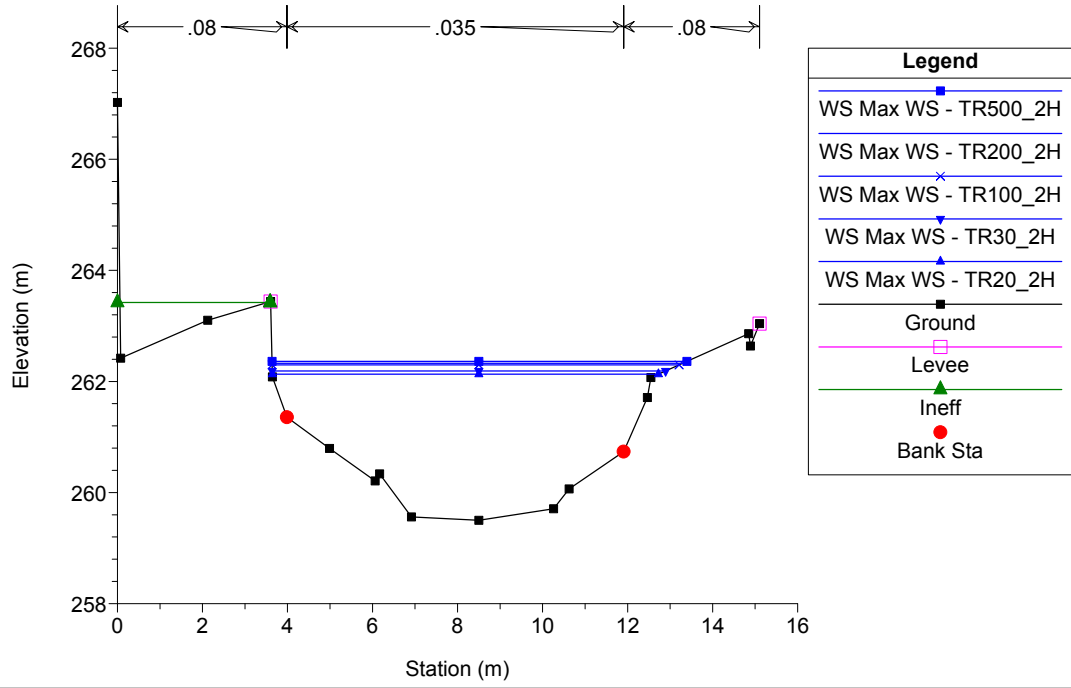
MUL 8A



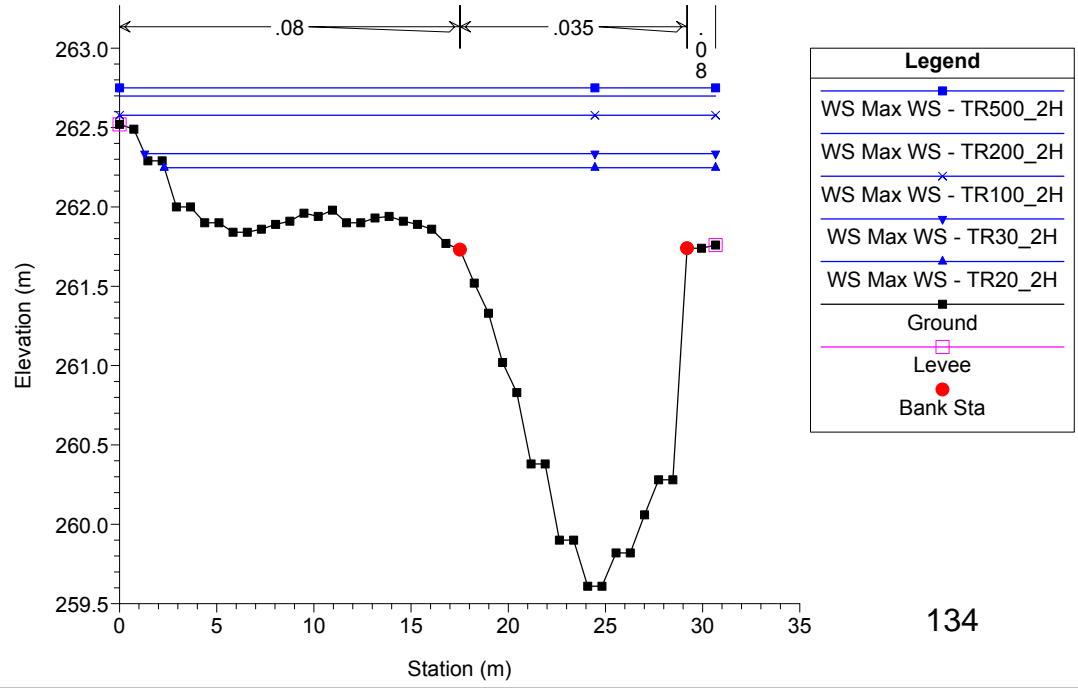
MUL 8A



MUL 8A

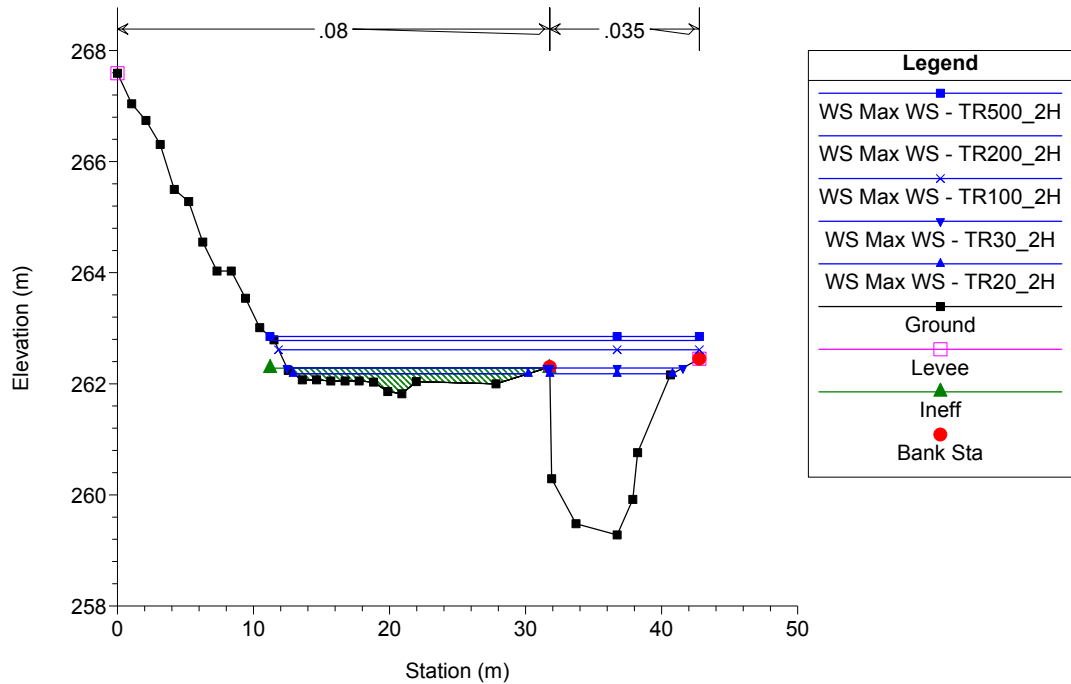


MUL 7B

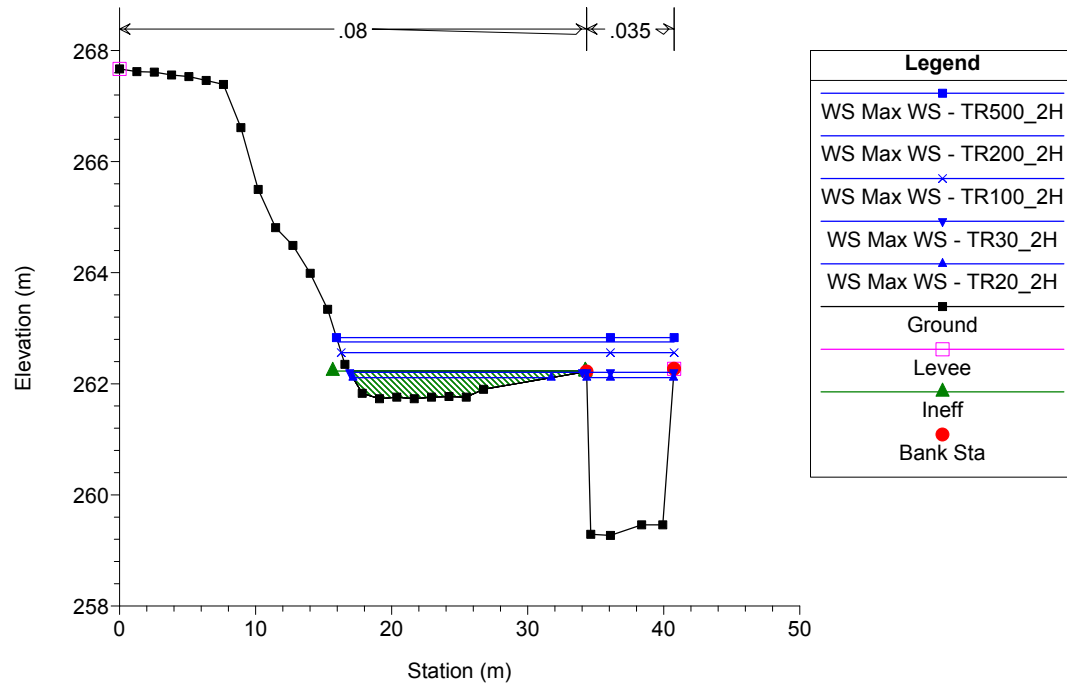




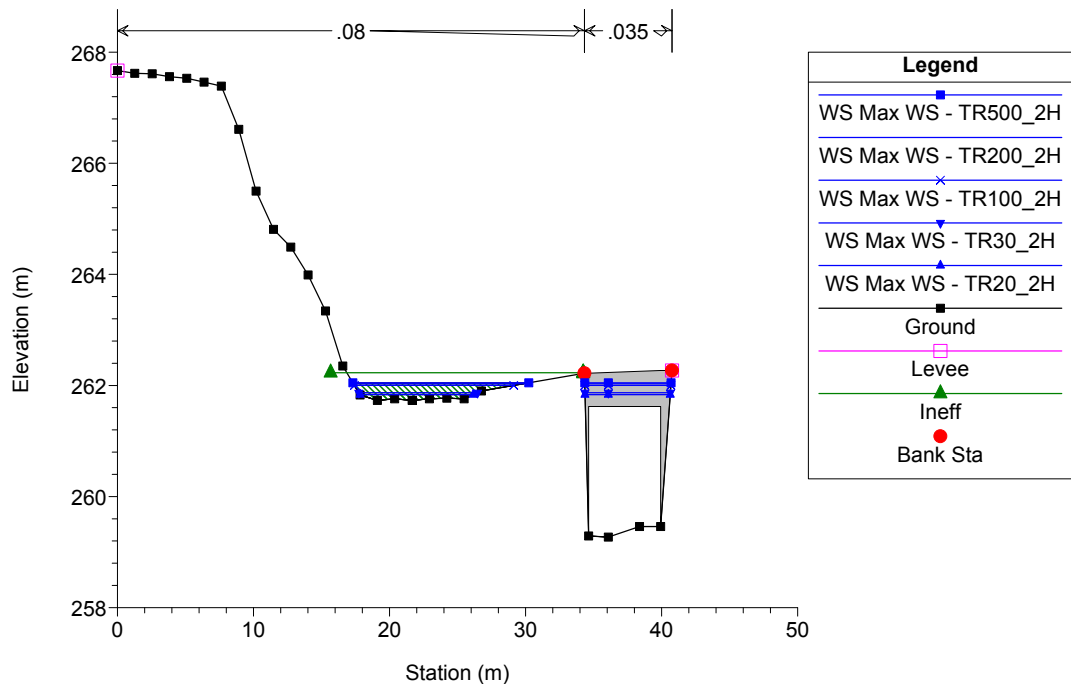
MUL 7B



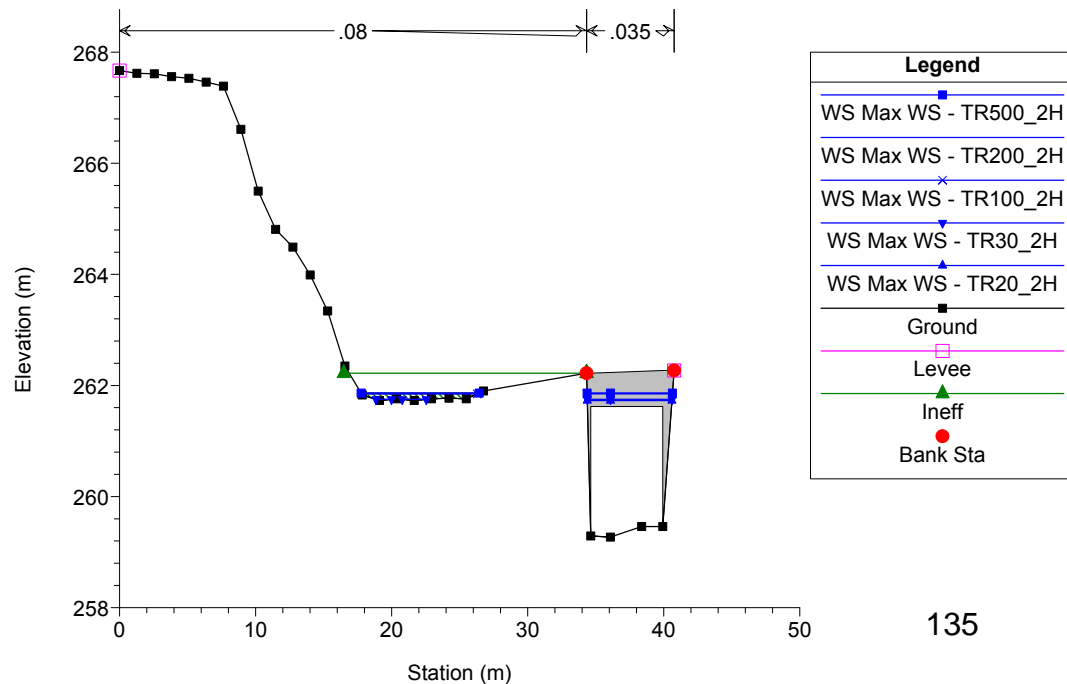
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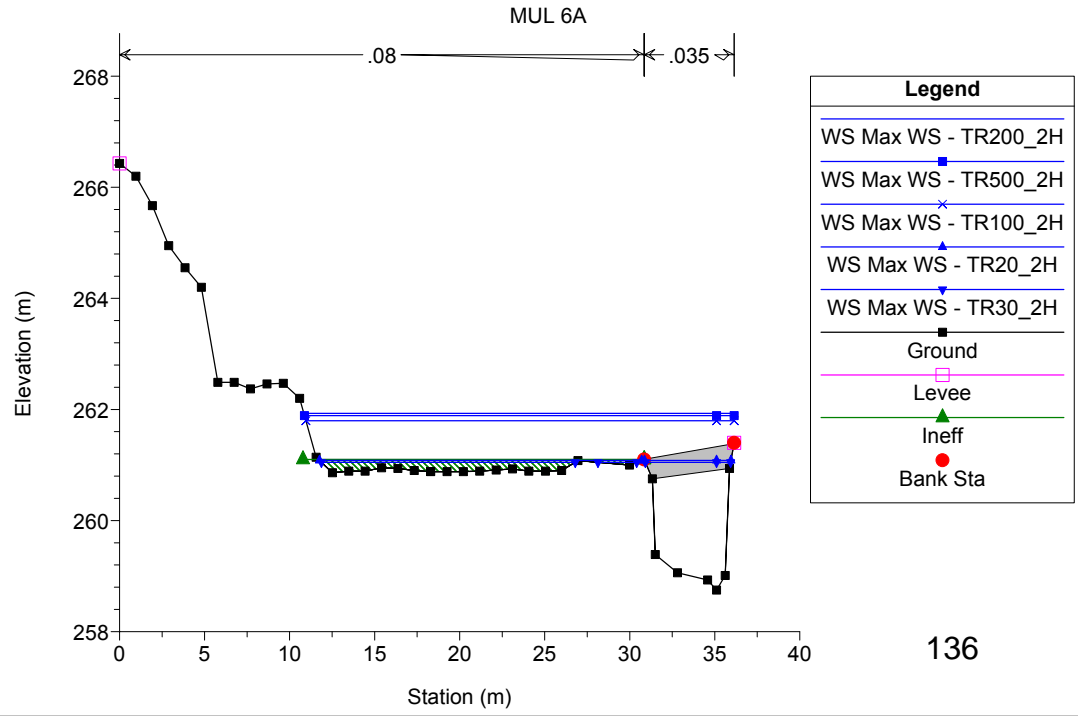
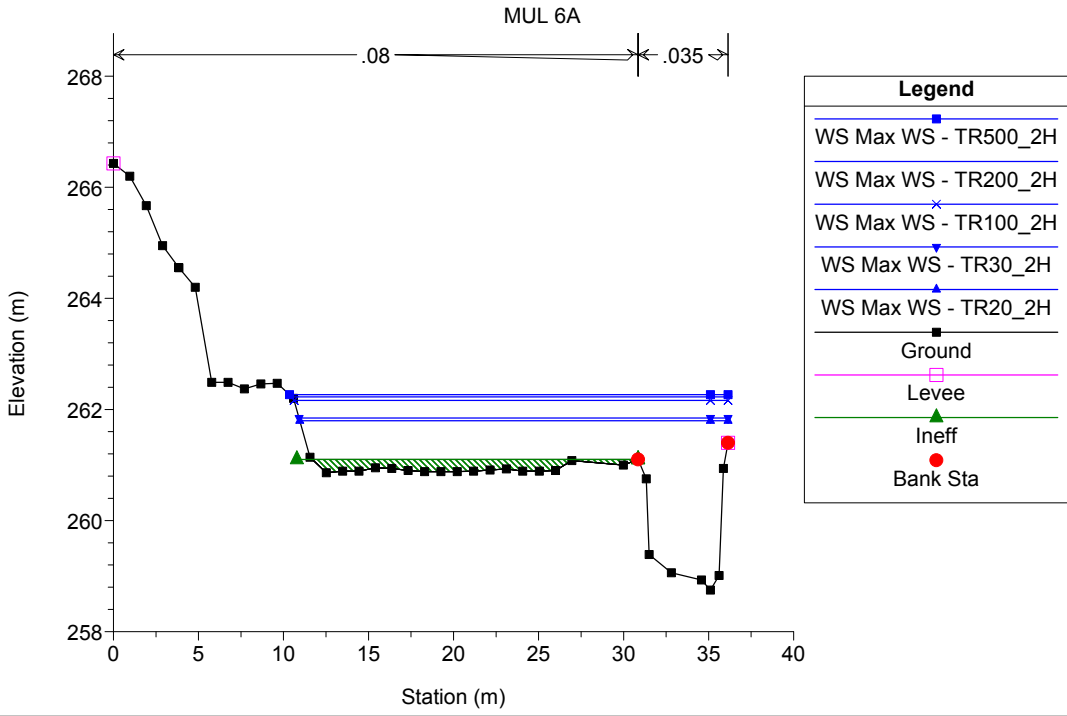
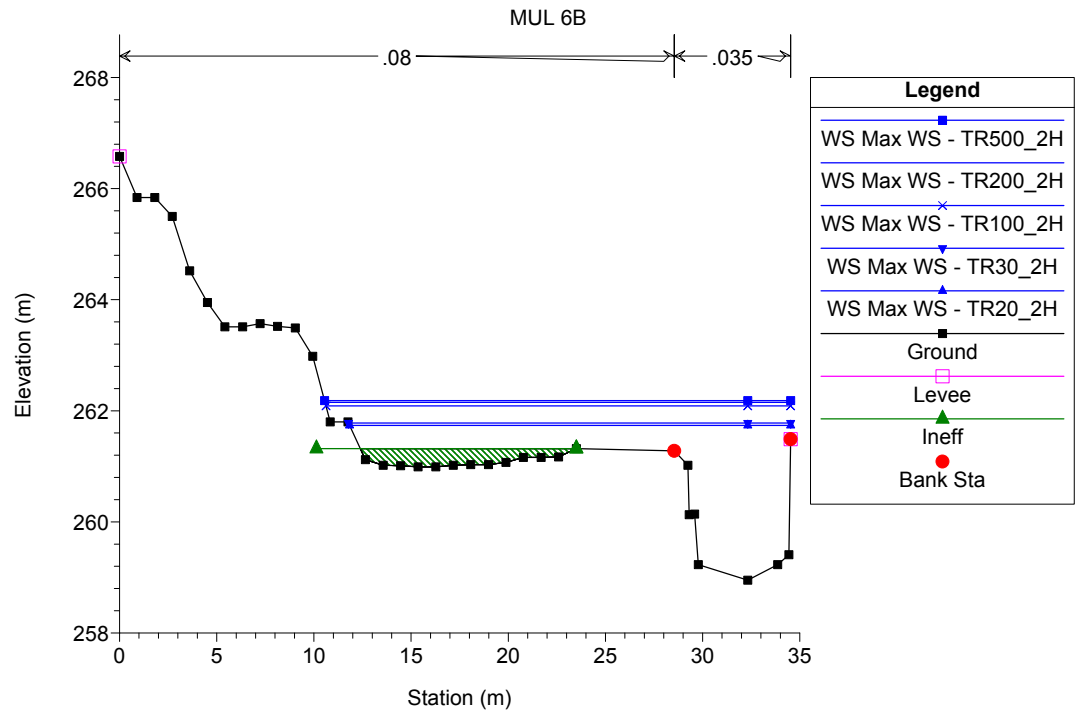
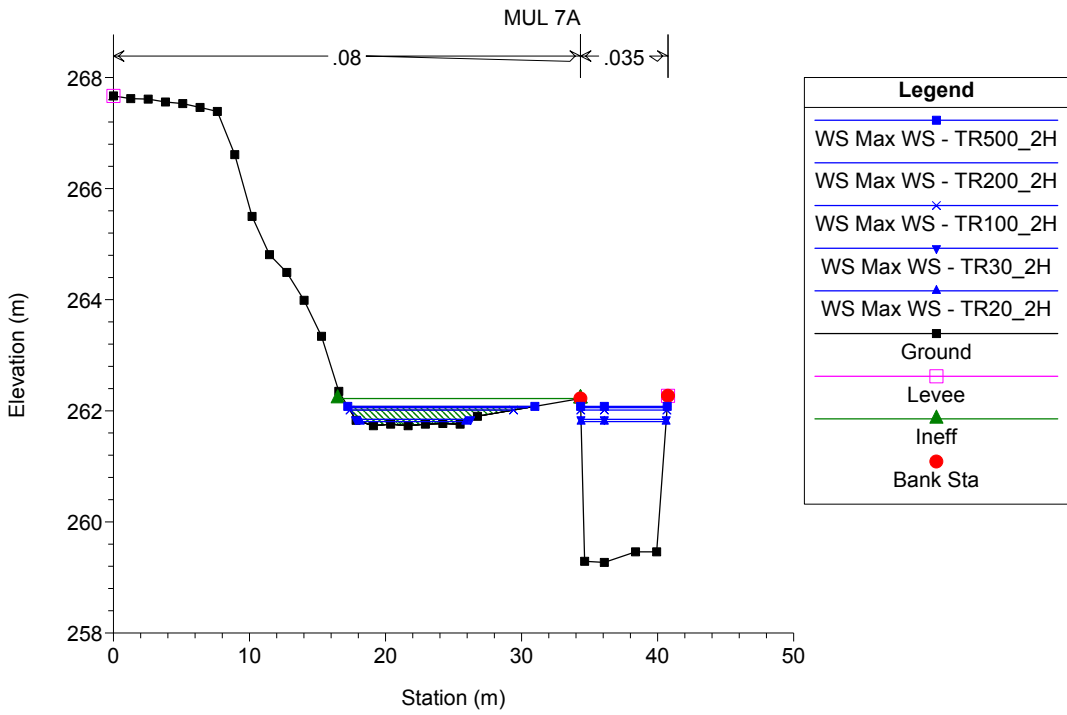


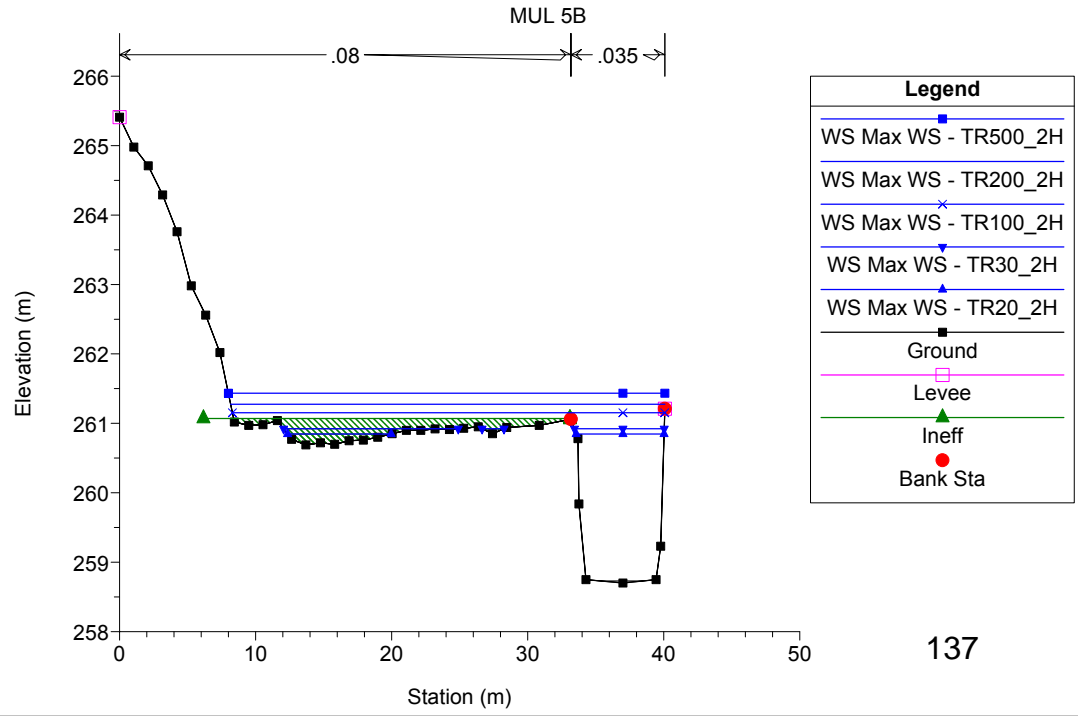
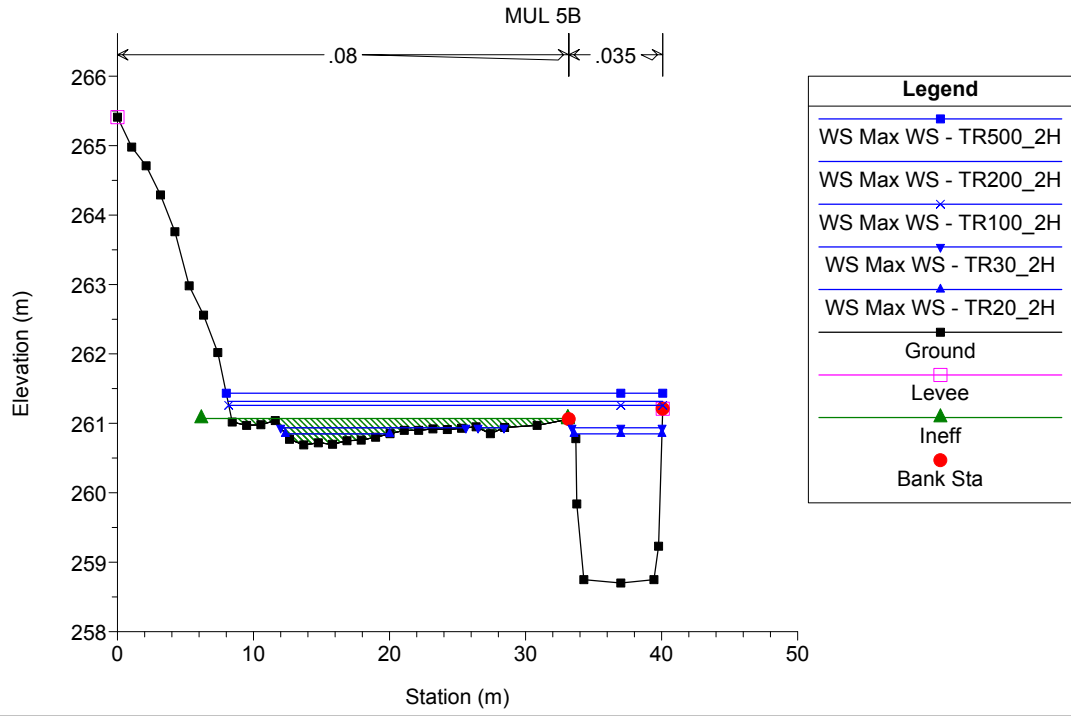
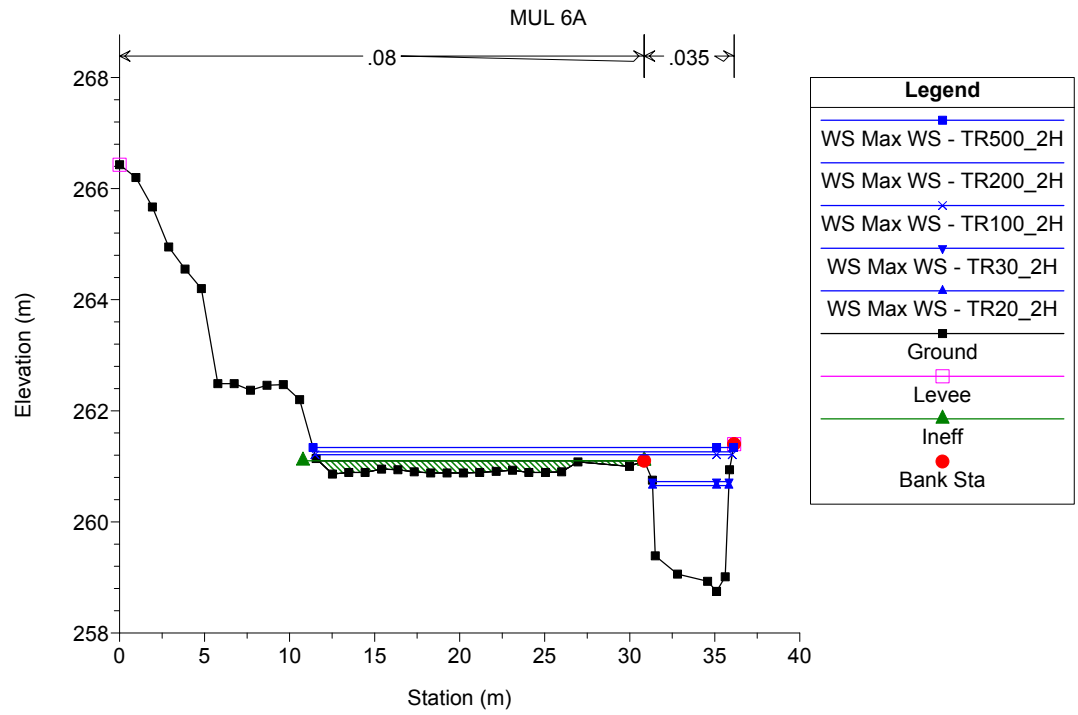
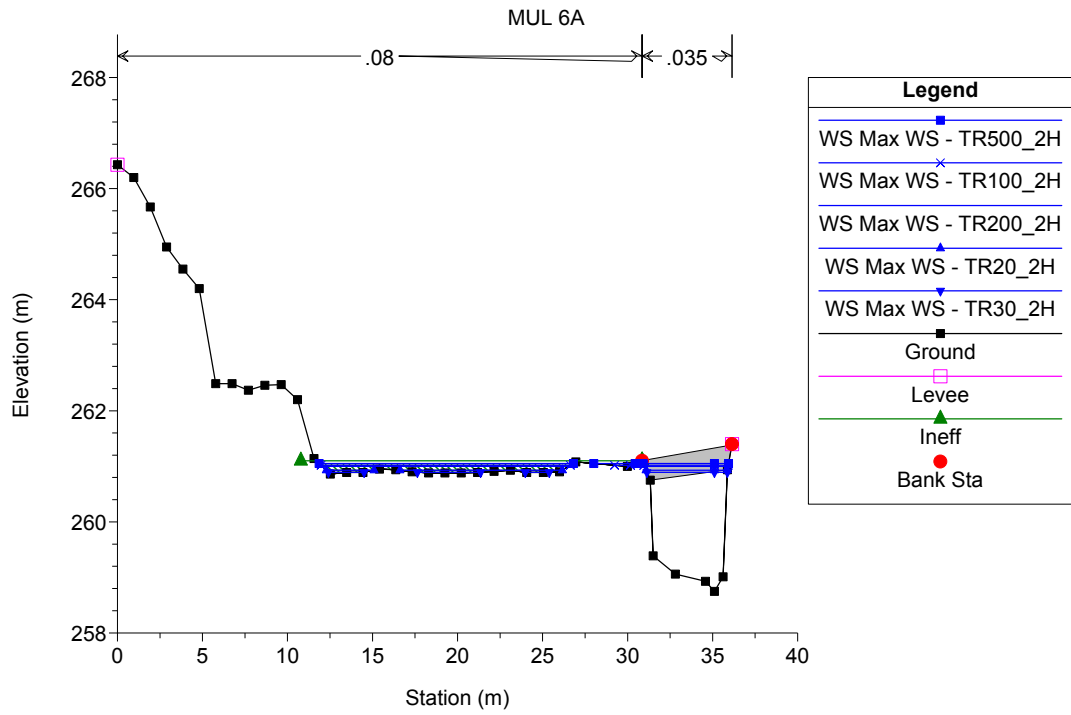
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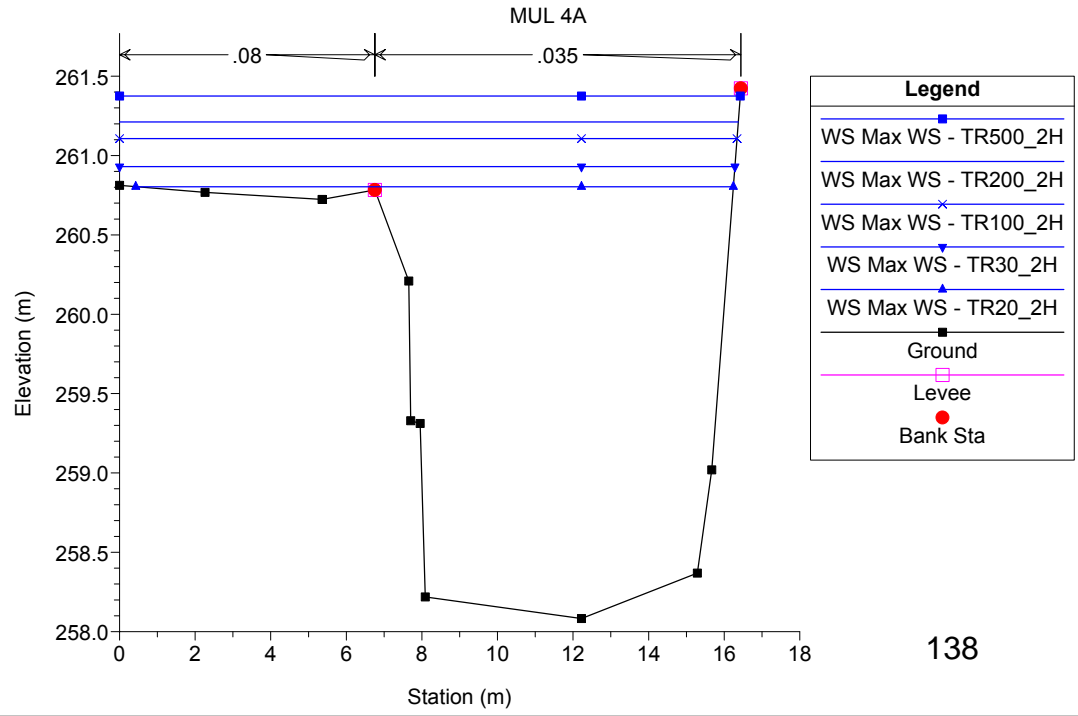
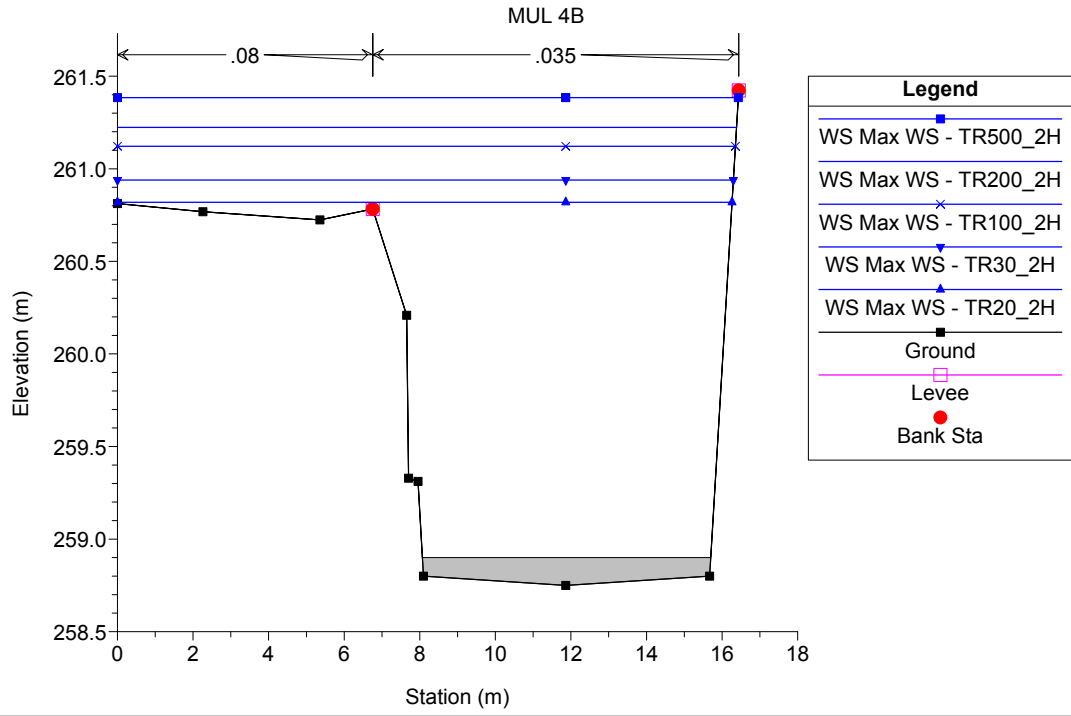
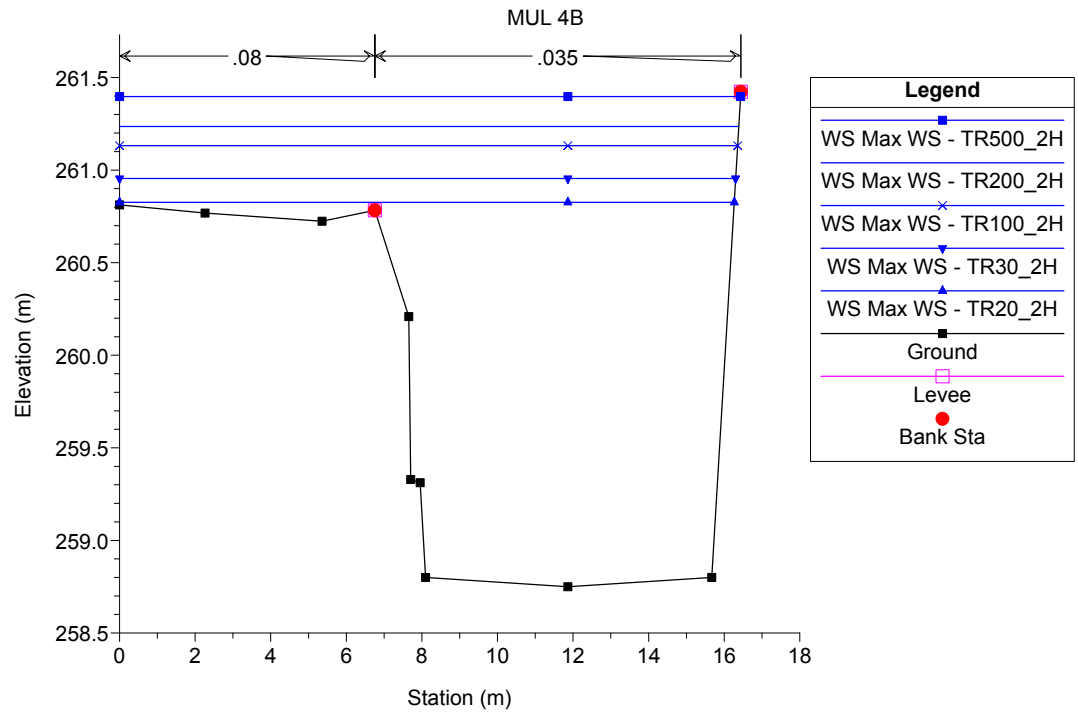
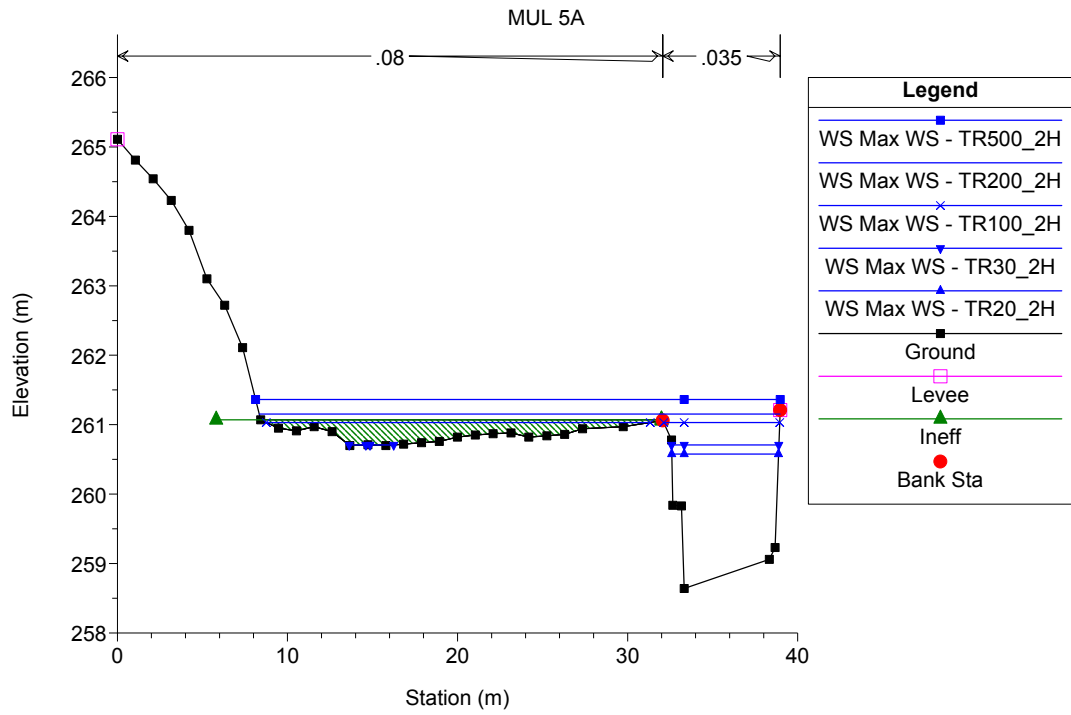


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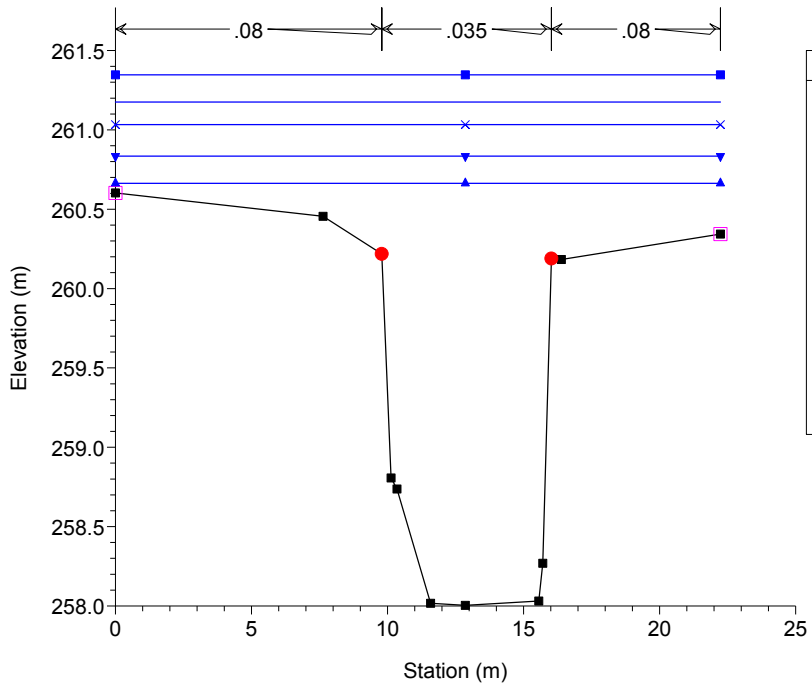




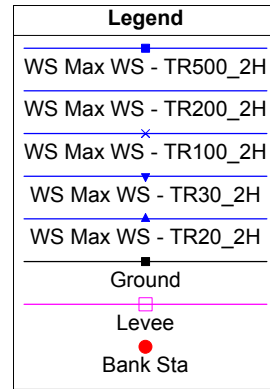
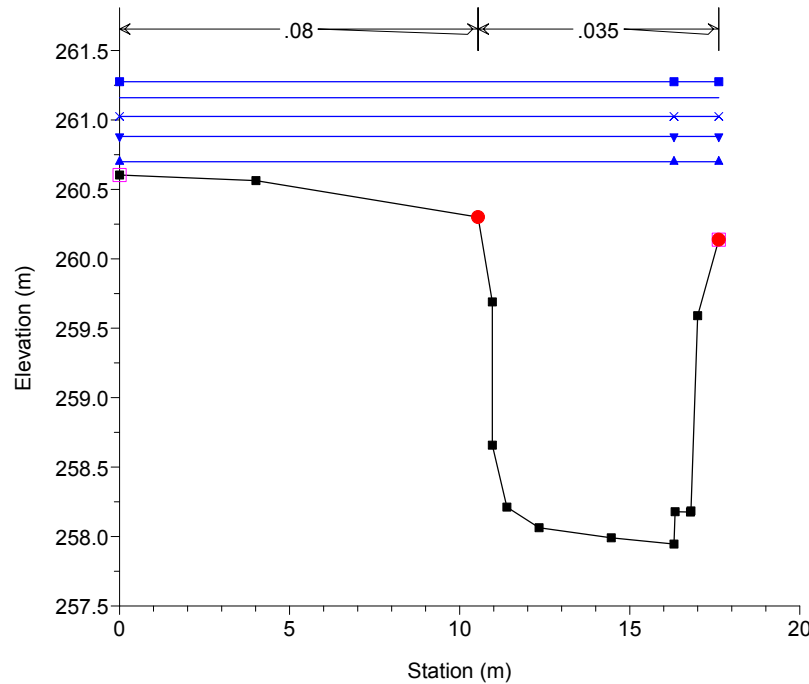




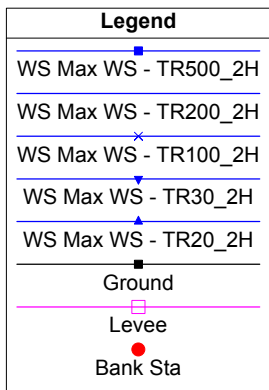
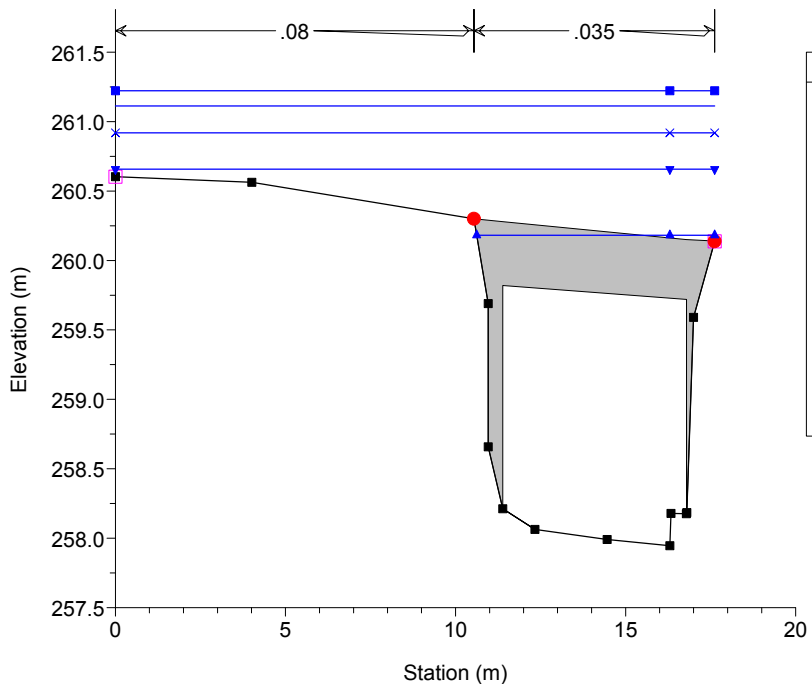
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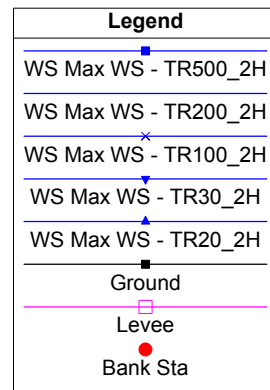
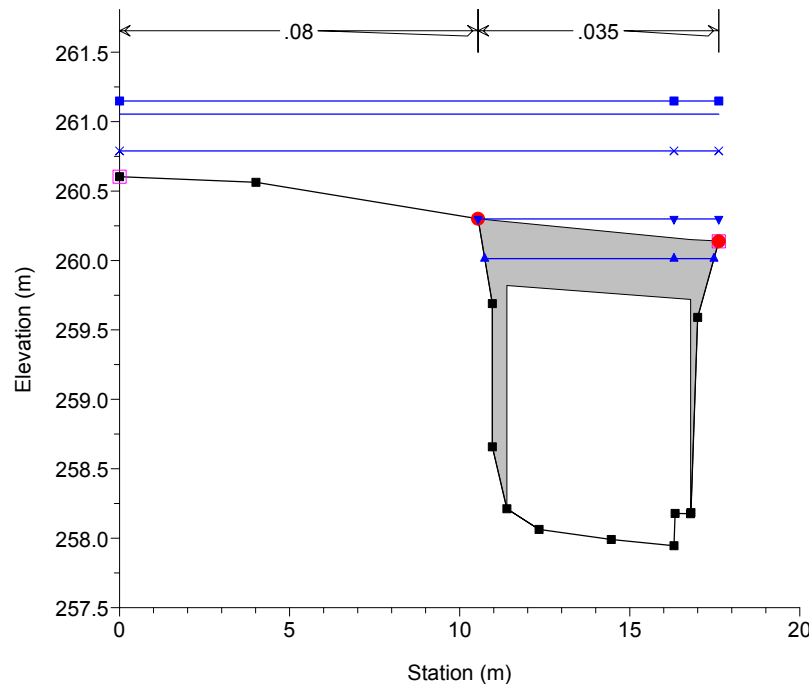
MUL 3B

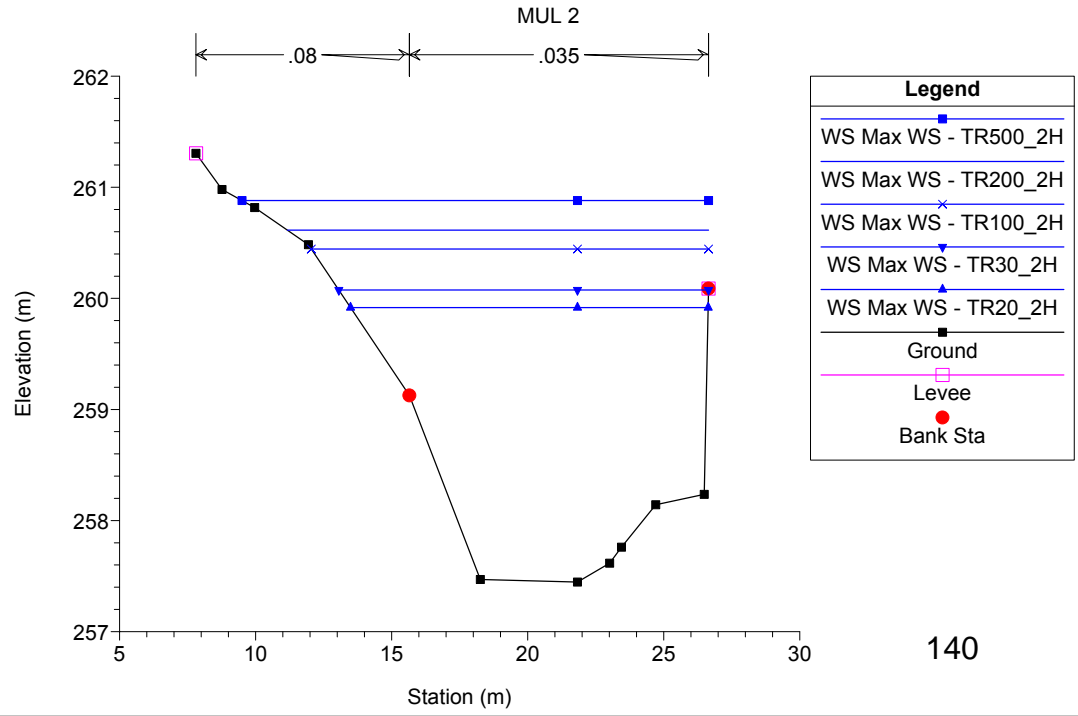
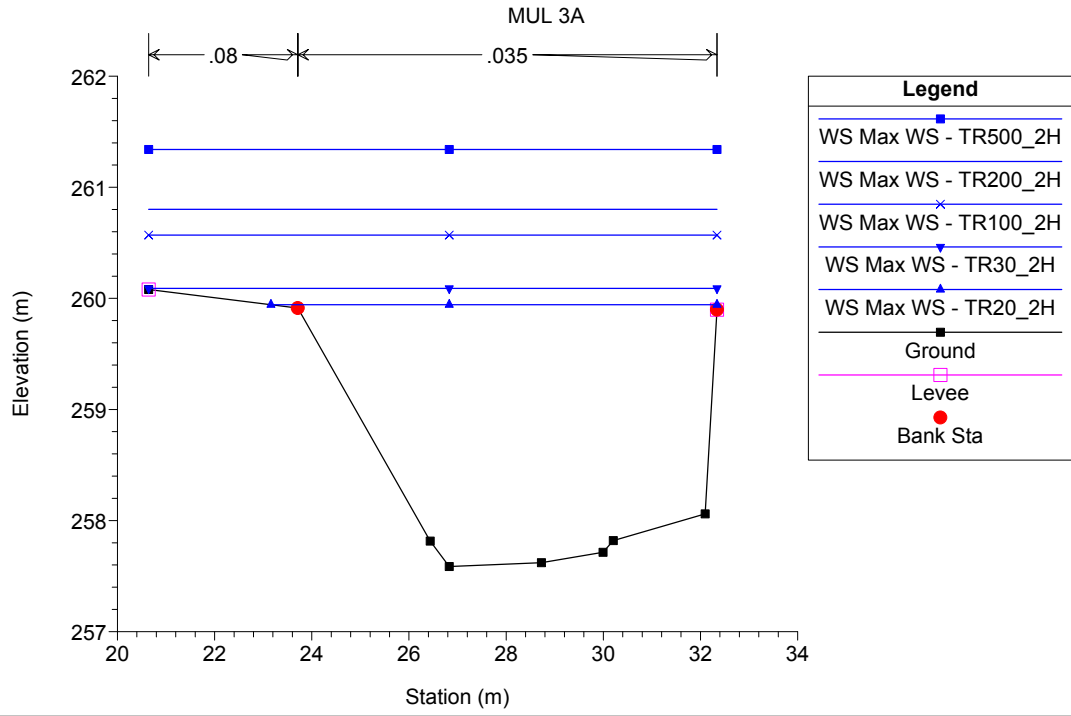
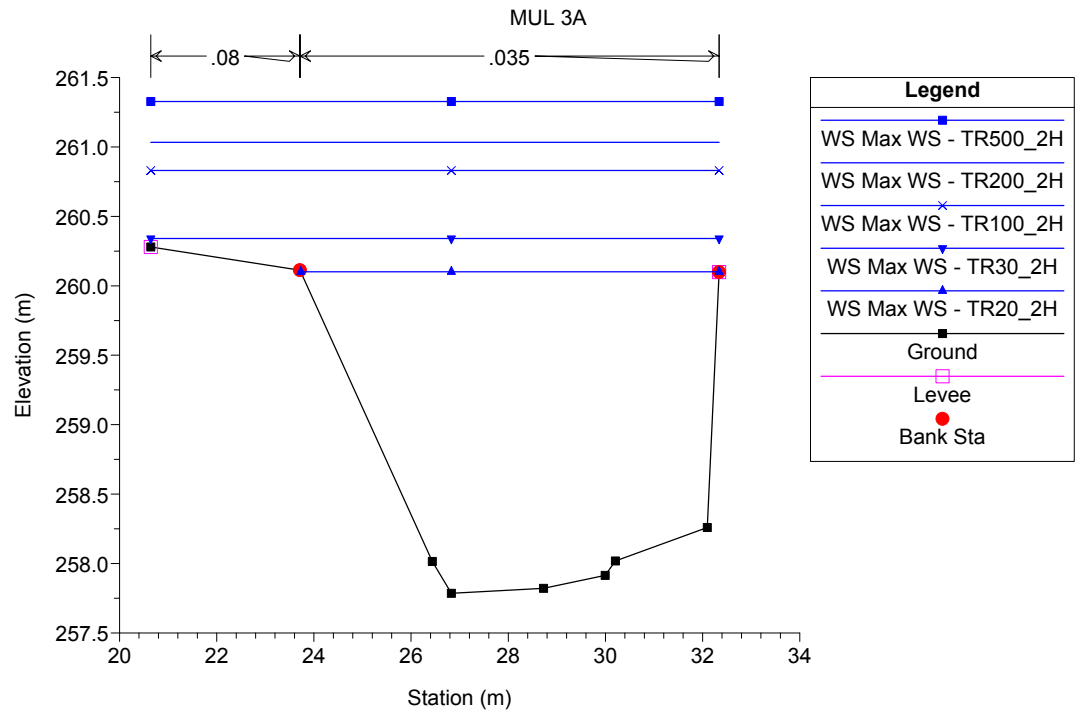
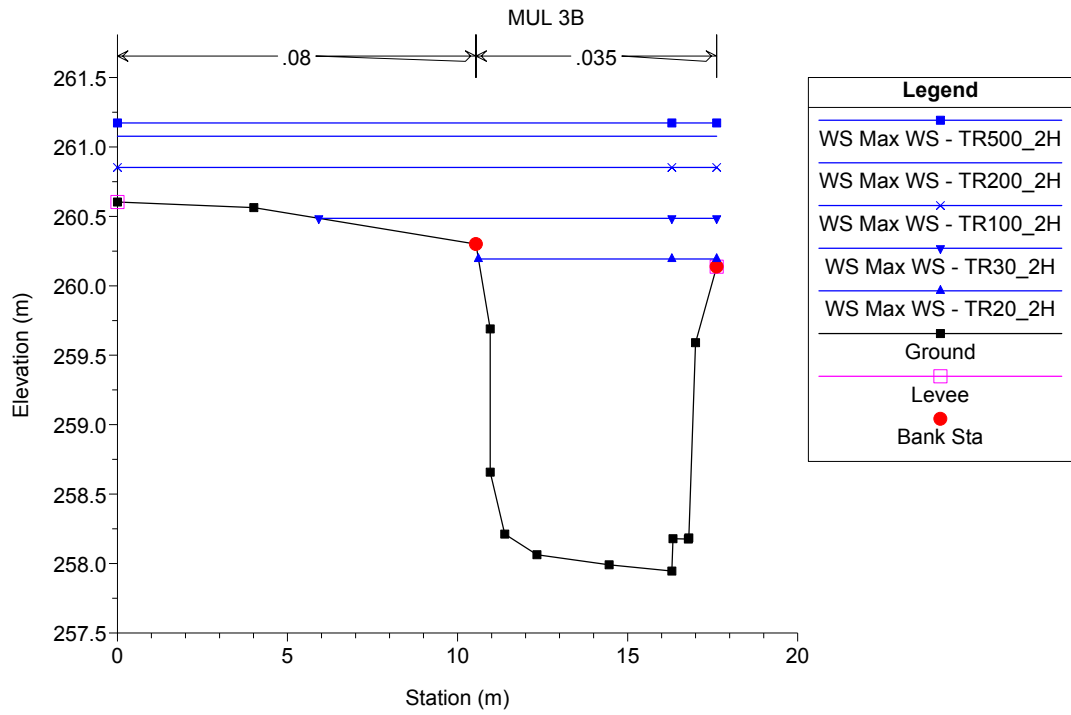


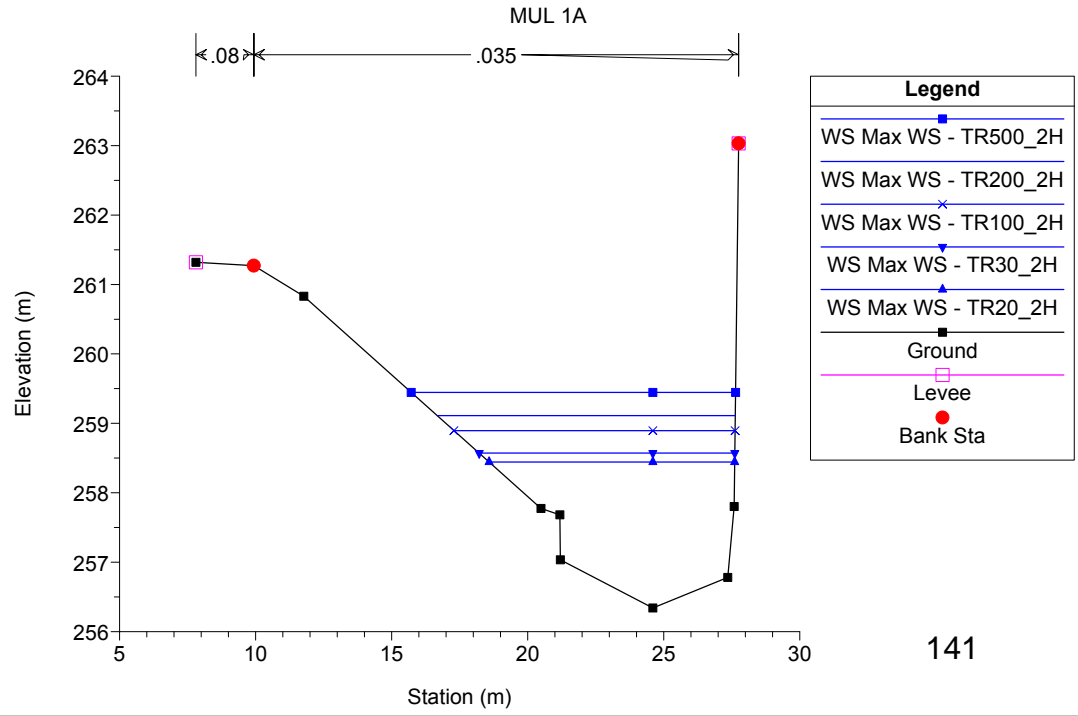
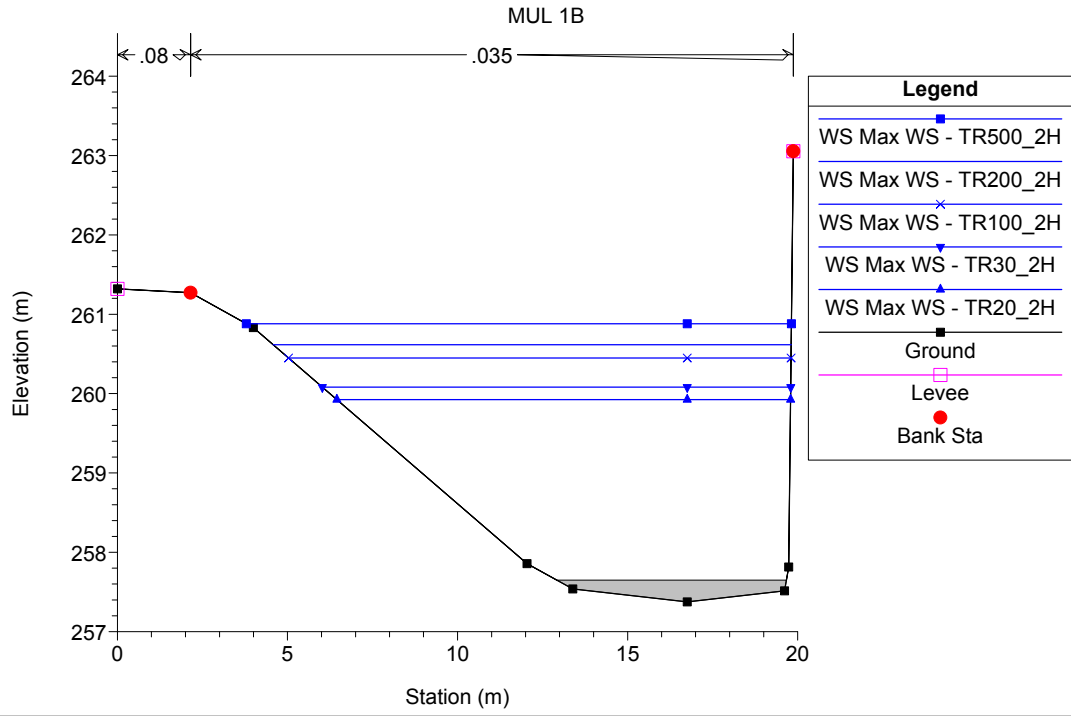
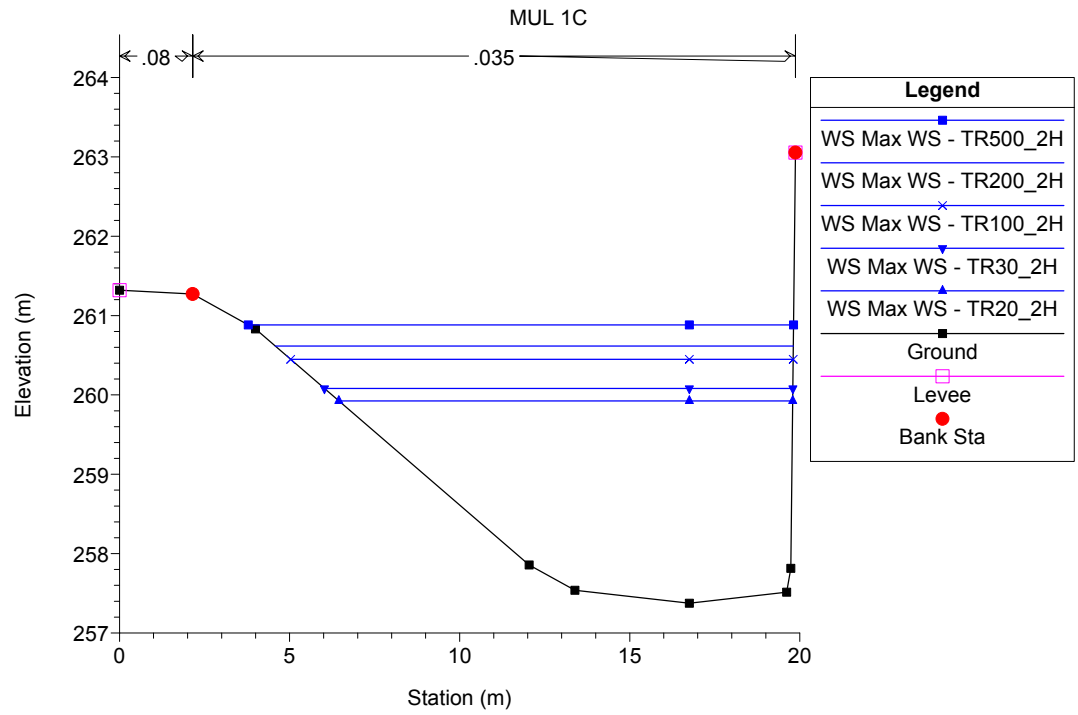
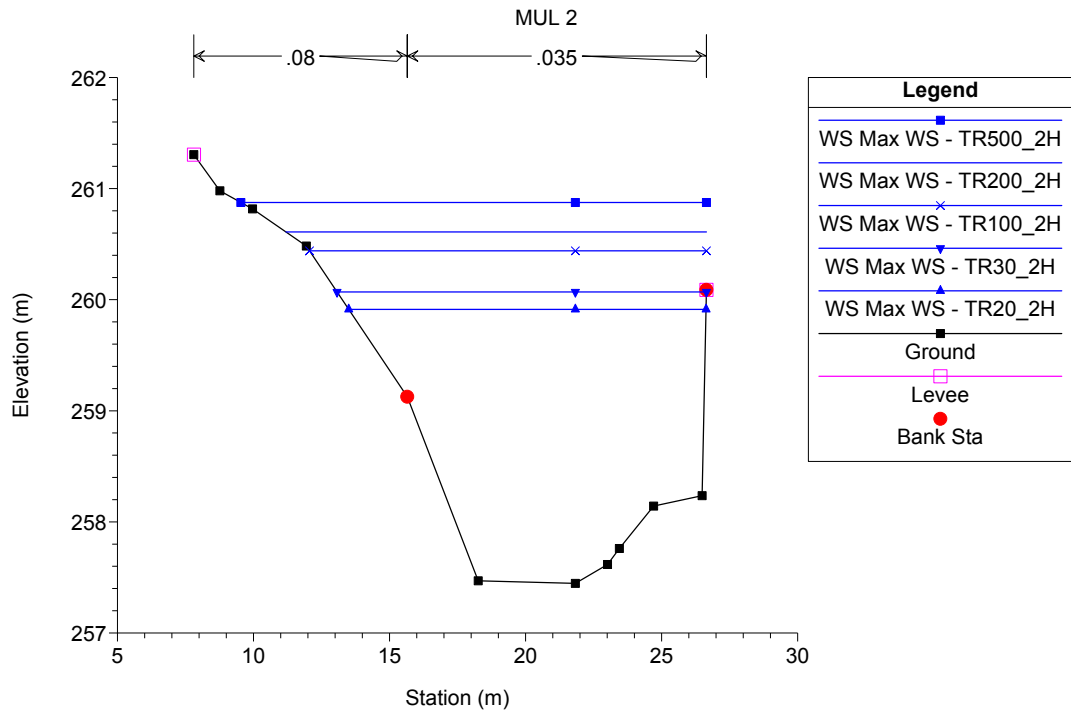
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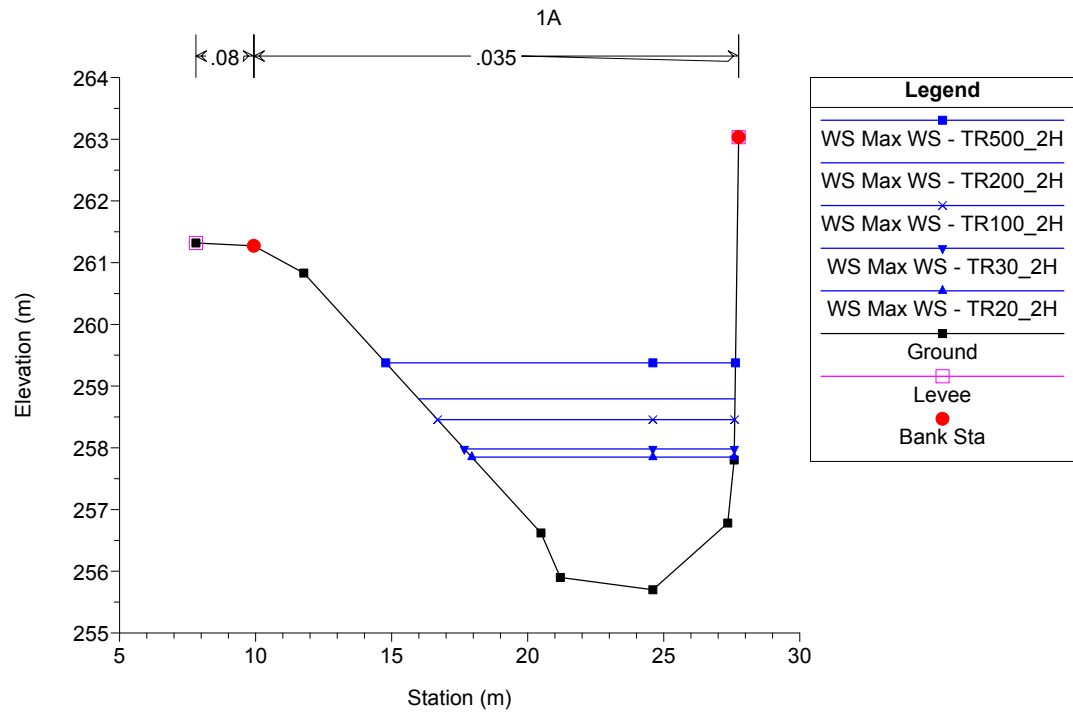
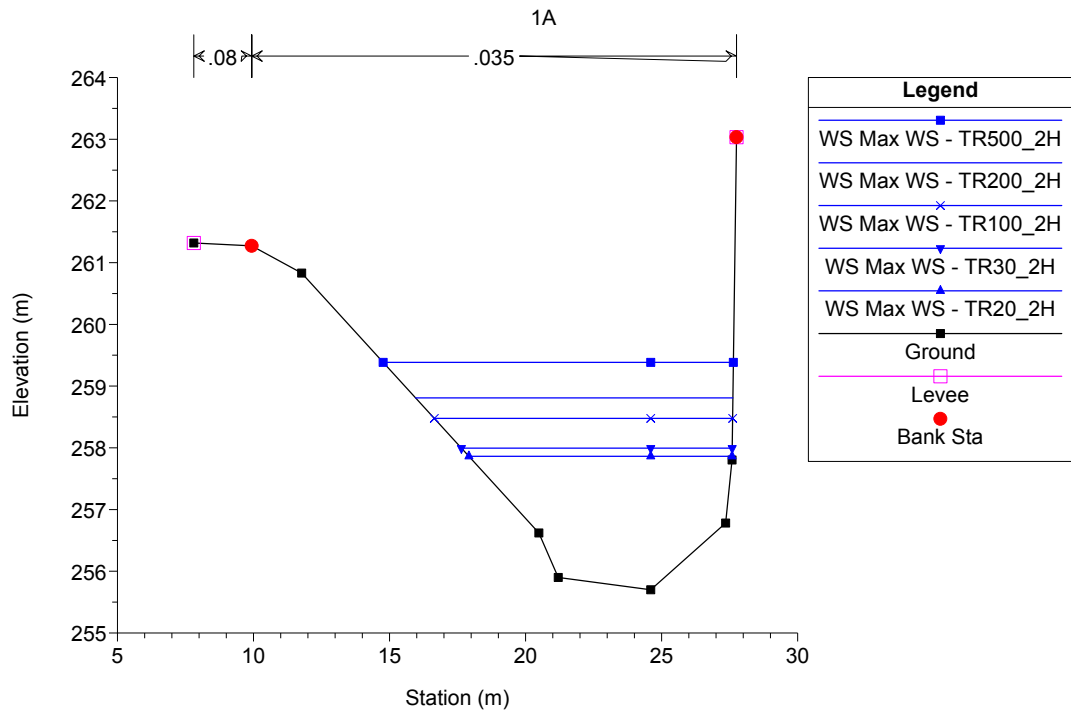


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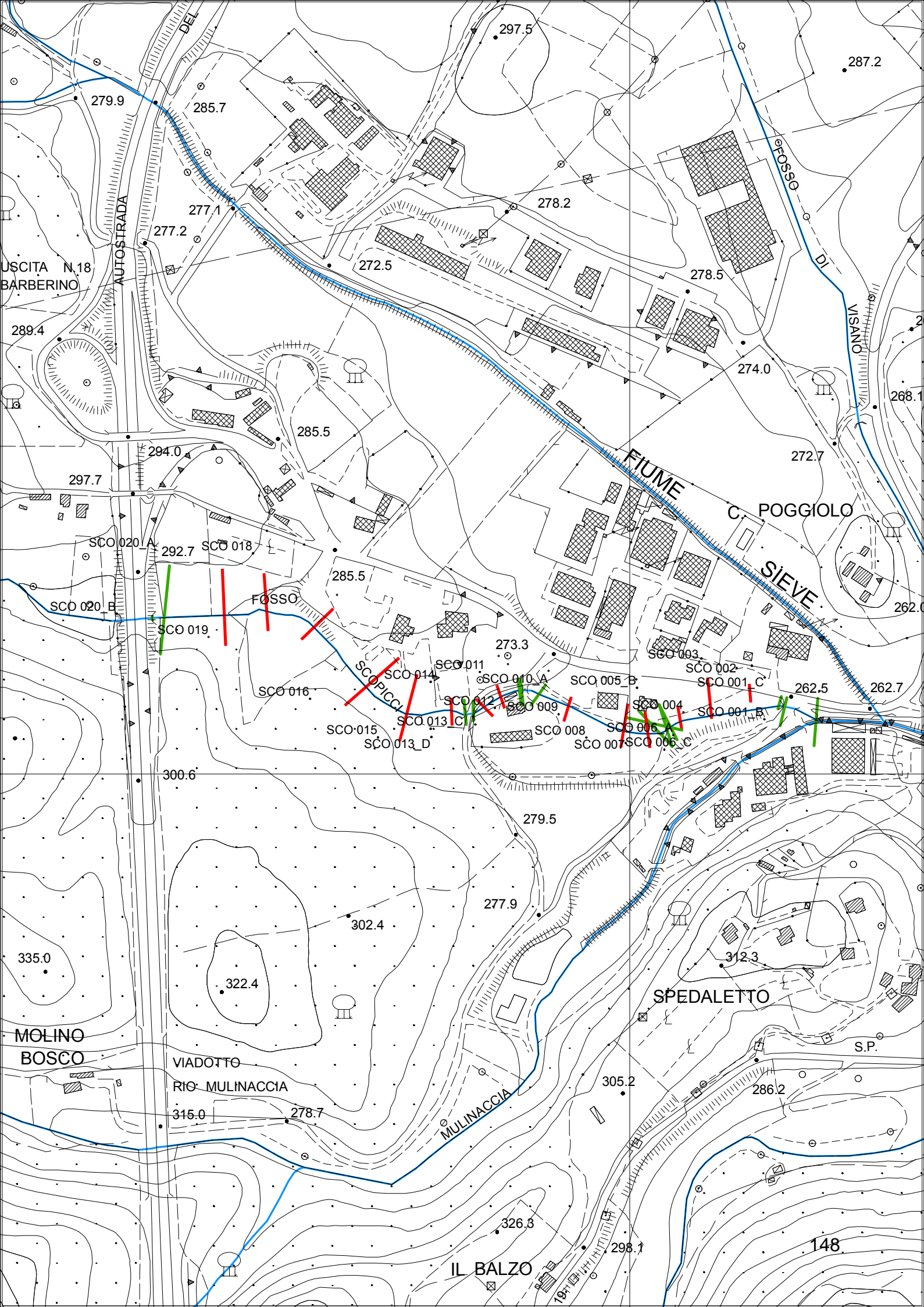


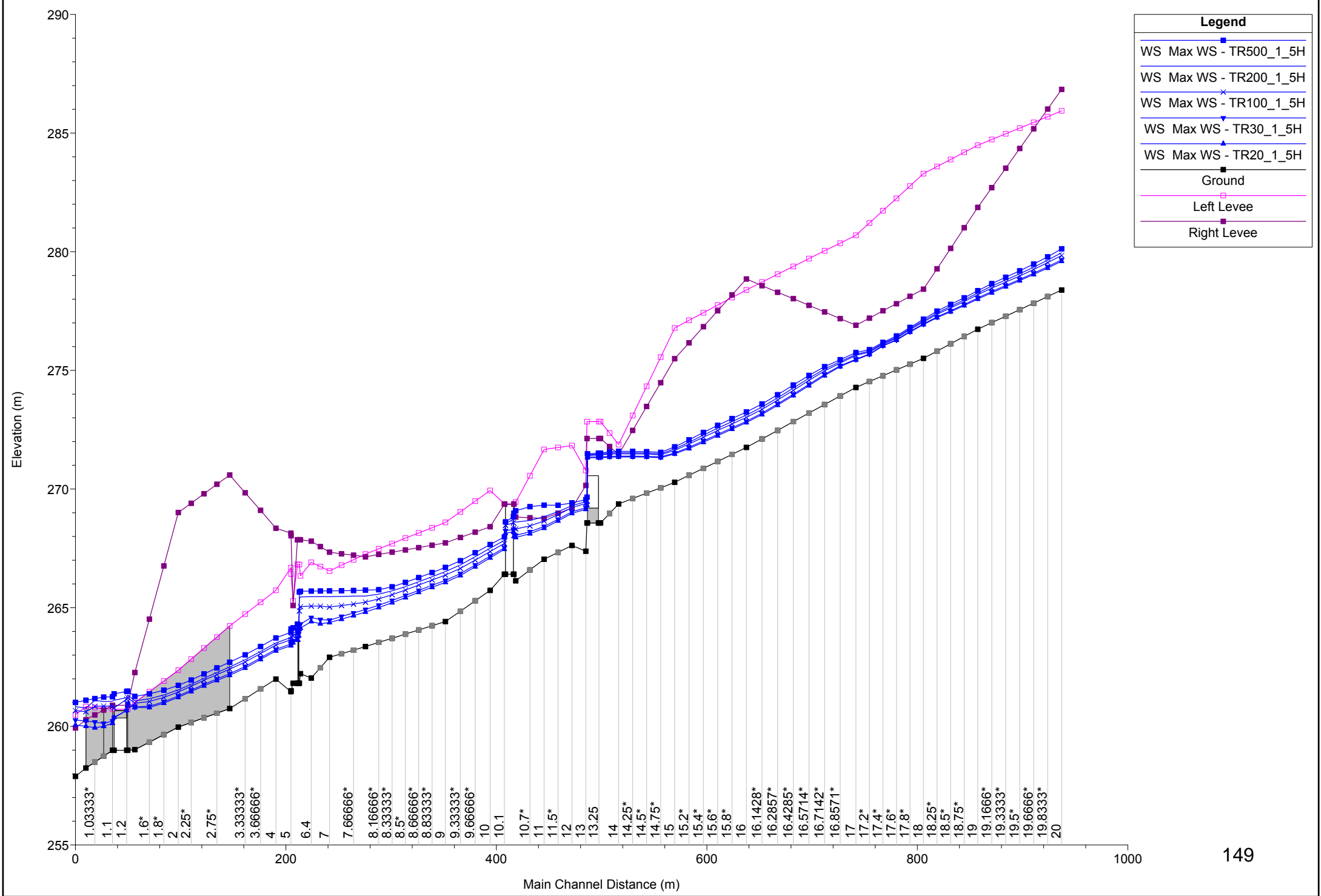




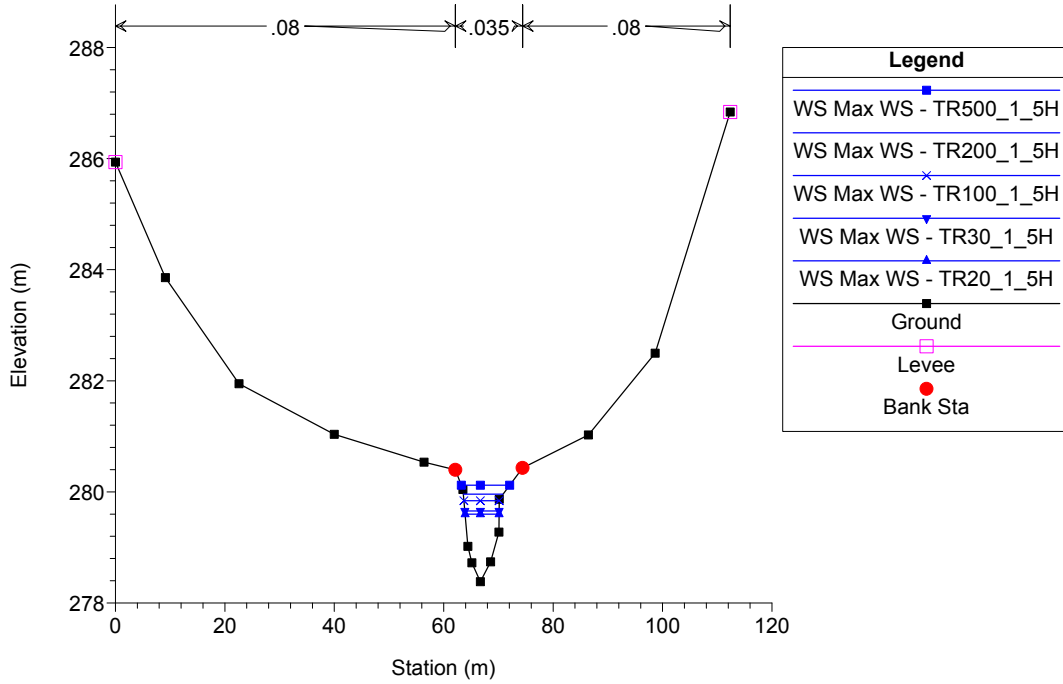
Reach	River Sta	Profile	Plan	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
mulvalle scopicc	1	Max WS	TR200_2H	86.96	256.34	259.11	259.23	260.15	0.016375	4.52	19.24	10.95	1.09
mulvalle scopicc	1	Max WS	TR20_2H	53.93	256.34	258.44	258.61	259.38	0.019592	4.29	12.57	9.03	1.16
mulvalle scopicc	1	Max WS	TR30_2H	60.71	256.34	258.57	258.76	259.56	0.019506	4.41	13.76	9.40	1.16
mulvalle scopicc	1	Max WS	TR100_2H	76.79	256.34	258.90	259.06	259.94	0.017875	4.53	16.96	10.33	1.13
mulvalle scopicc	1	Max WS	TR500_2H	103.27	256.34	259.45	259.49	260.47	0.014232	4.47	23.09	11.92	1.03
mulvalle scopicc	0.99			Lat Struct									
mulvalle scopicc	0.98			Lat Struct									
mulvalle scopicc	0.5	Max WS	TR200_2H	86.83	255.70	258.81	258.45	259.45	0.007665	3.55	24.46	11.66	0.78
mulvalle scopicc	0.5	Max WS	TR20_2H	53.91	255.70	257.86	257.84	258.58	0.012666	3.76	14.34	9.67	0.99
mulvalle scopicc	0.5	Max WS	TR30_2H	60.68	255.70	258.00	257.98	258.76	0.012596	3.88	15.65	9.95	0.99
mulvalle scopicc	0.5	Max WS	TR100_2H	74.13	255.70	258.48	258.23	259.13	0.008796	3.58	20.68	10.96	0.83
mulvalle scopicc	0.5	Max WS	TR500_2H	101.78	255.70	259.39	258.68	259.92	0.005331	3.23	31.52	12.87	0.66
mulvalle scopicc	0.4	Max WS	TR200_2H	86.83	255.70	258.79	258.45	259.45	0.007841	3.58	24.25	11.63	0.79
mulvalle scopicc	0.4	Max WS	TR20_2H	53.91	255.70	257.85	257.84	258.58	0.012972	3.79	14.21	9.64	1.00
mulvalle scopicc	0.4	Max WS	TR30_2H	60.68	255.70	257.98	257.98	258.76	0.012881	3.91	15.53	9.93	1.00
mulvalle scopicc	0.4	Max WS	TR100_2H	74.12	255.70	258.46	258.23	259.12	0.009062	3.62	20.45	10.92	0.85
mulvalle scopicc	0.4	Max WS	TR500_2H	101.78	255.70	259.38	258.68	259.91	0.005387	3.24	31.40	12.85	0.66

## **TORRENTE SCOPICCI**

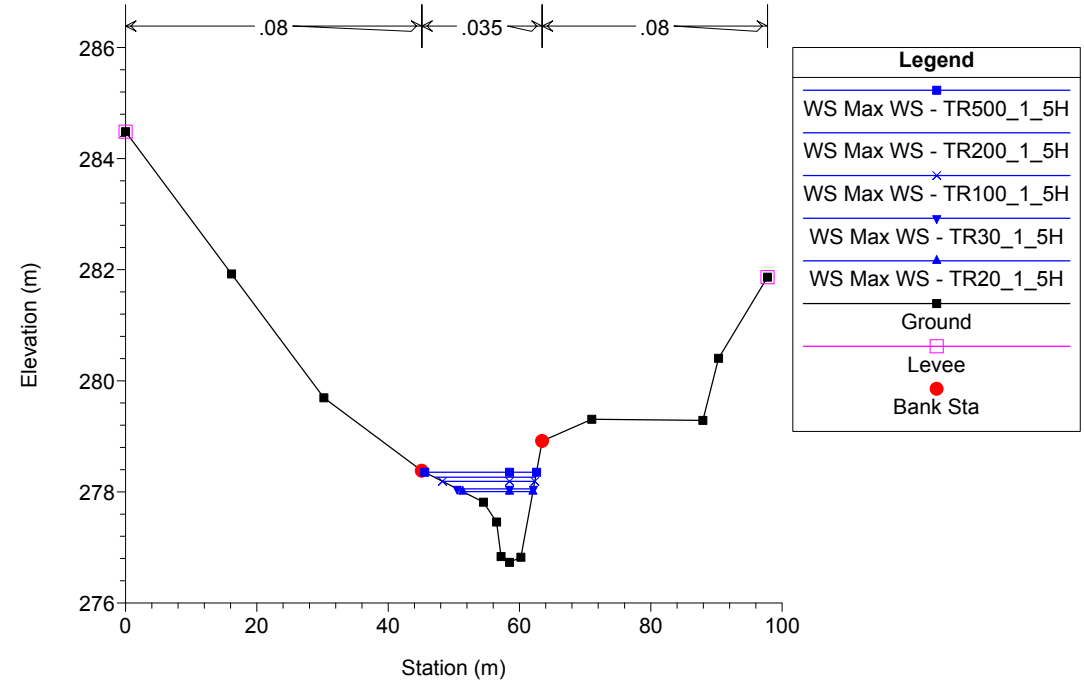




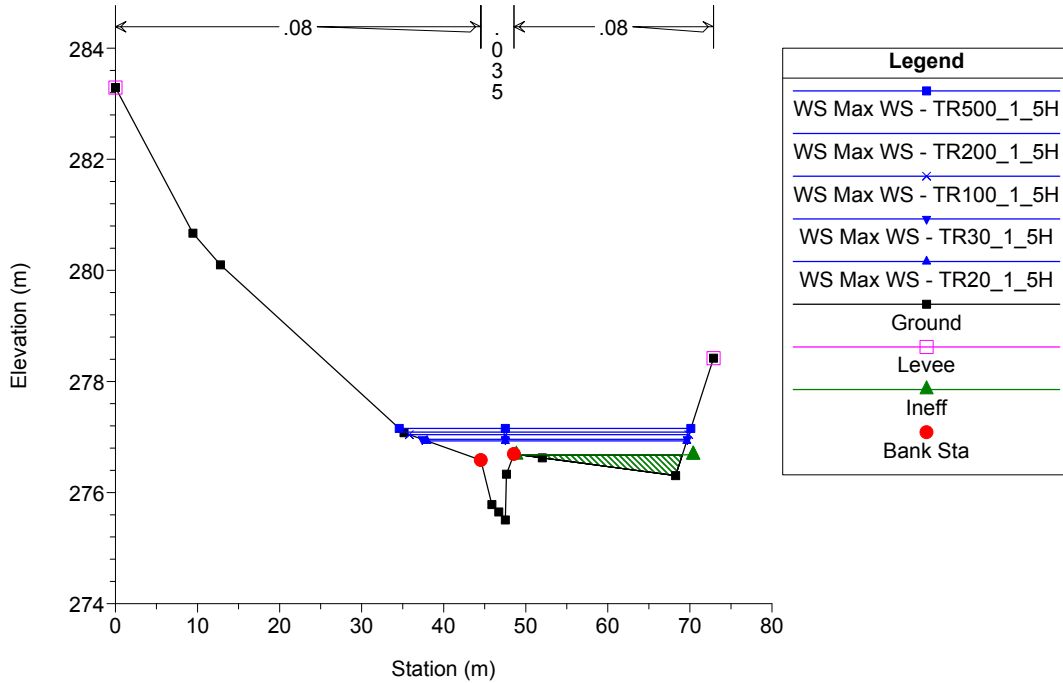
SCO 020\_A



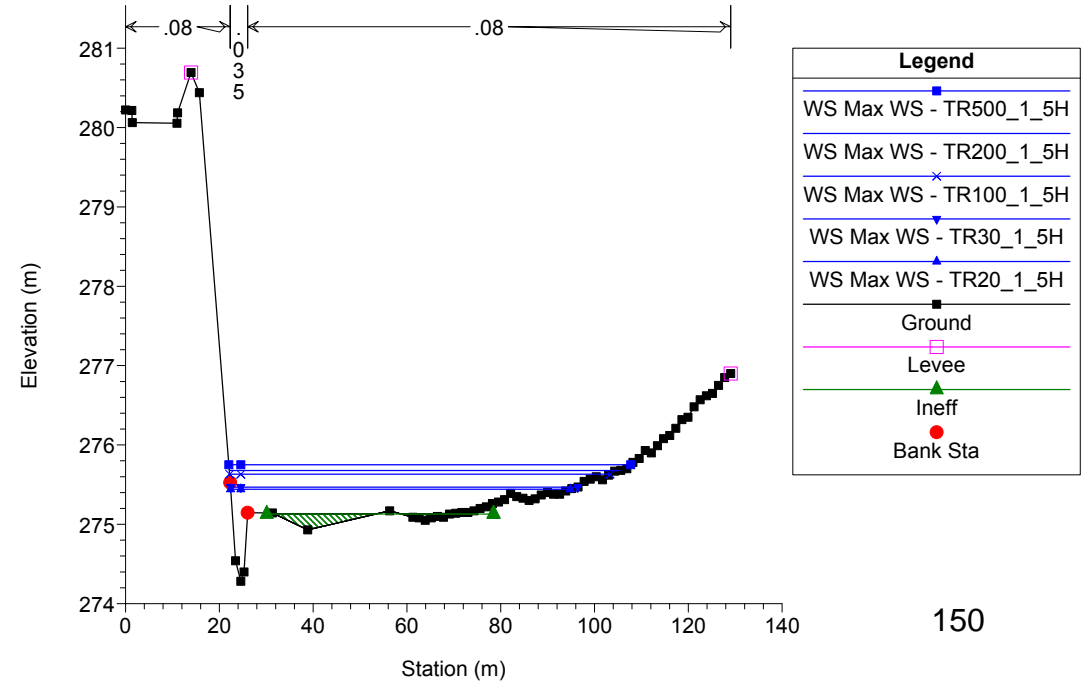
SCO 019



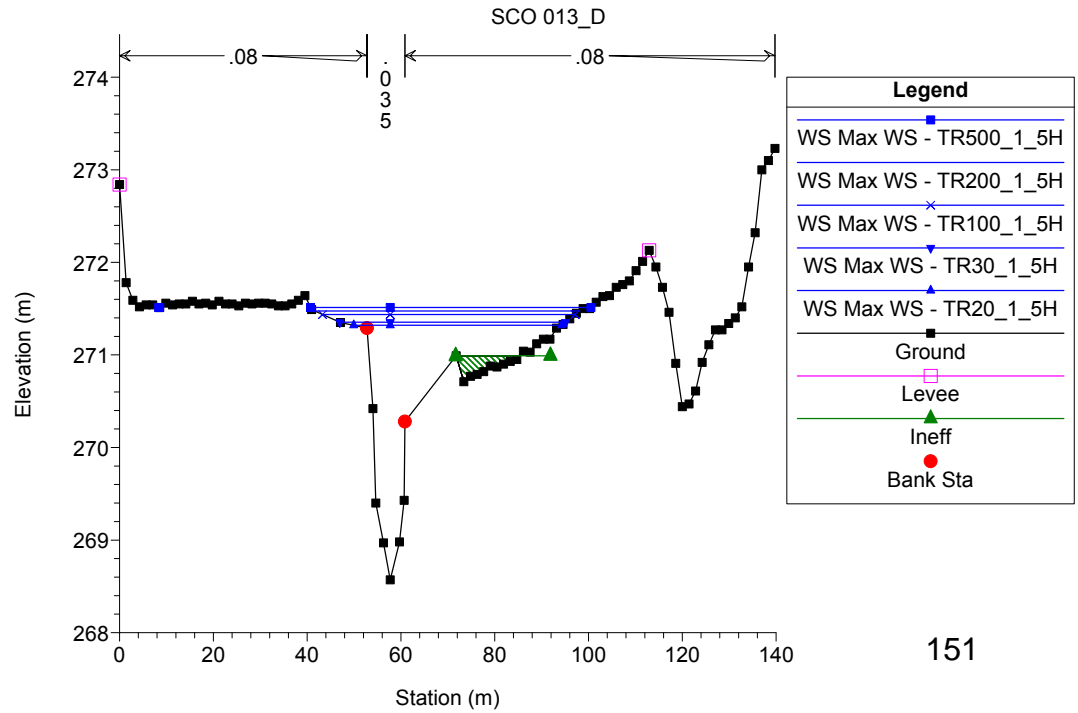
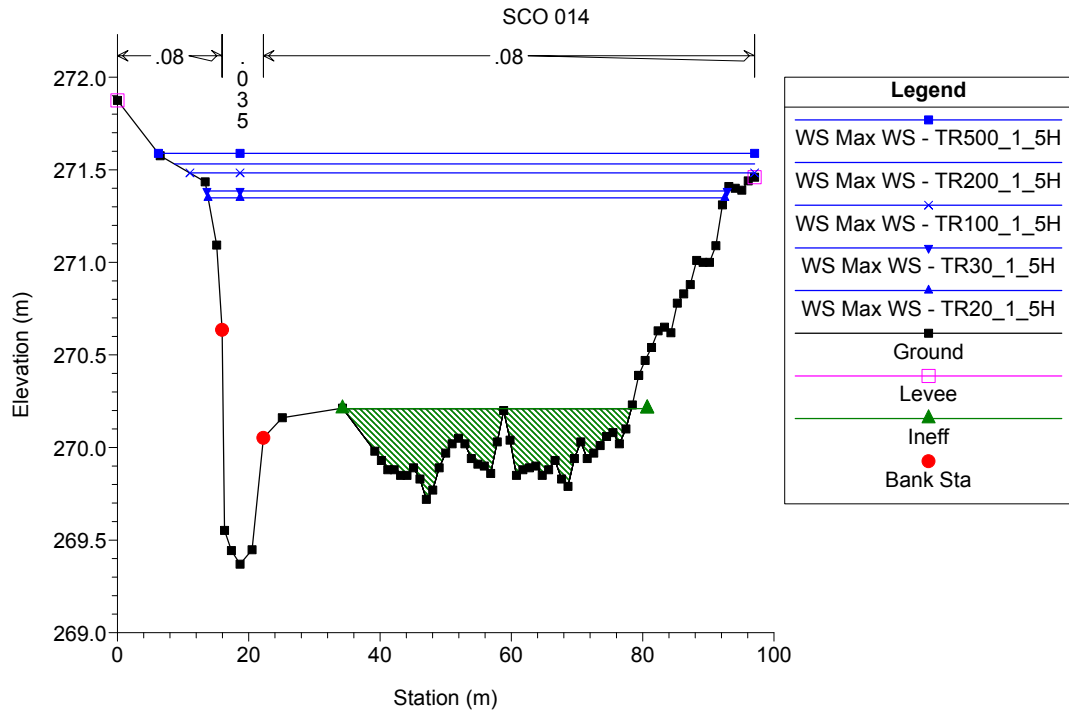
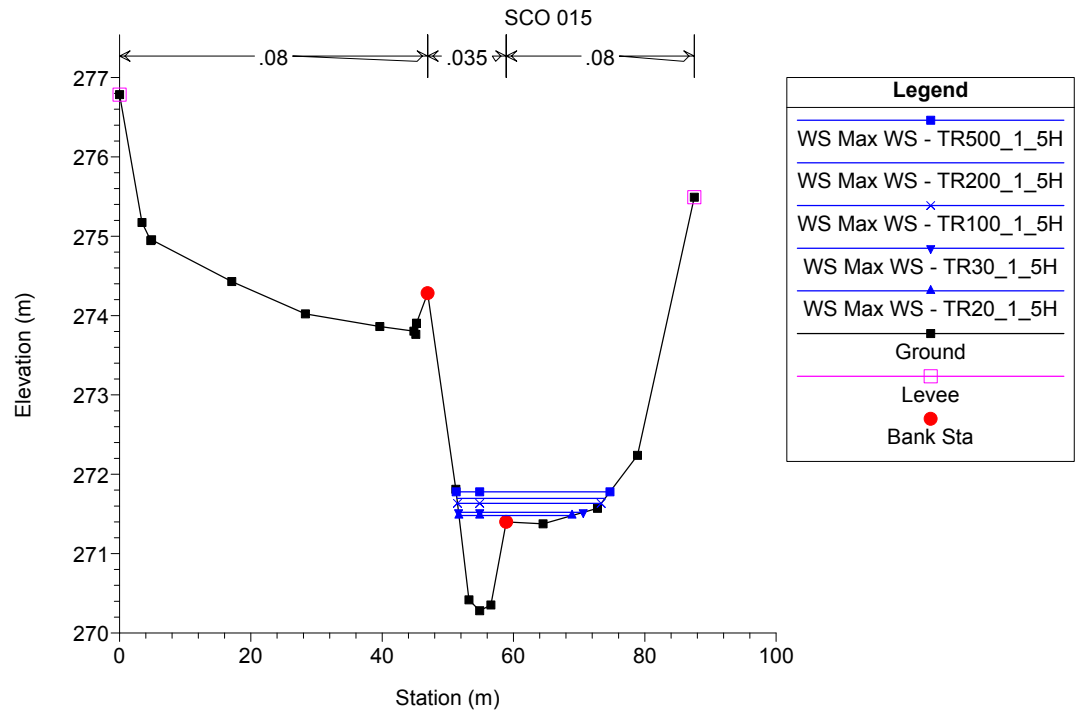
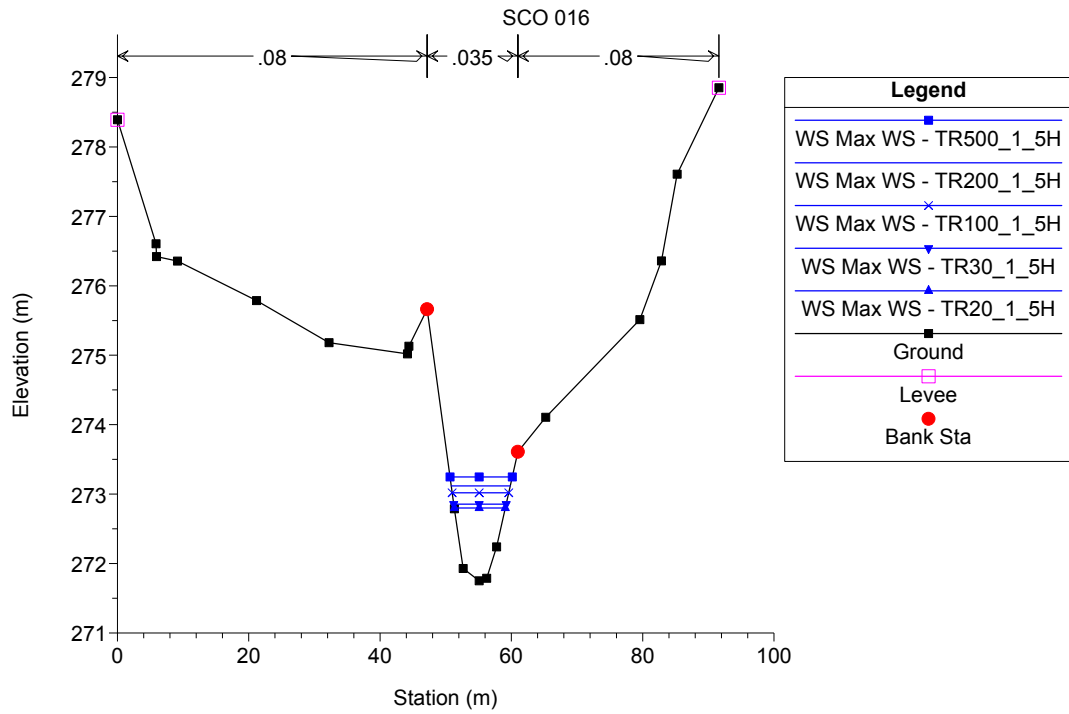
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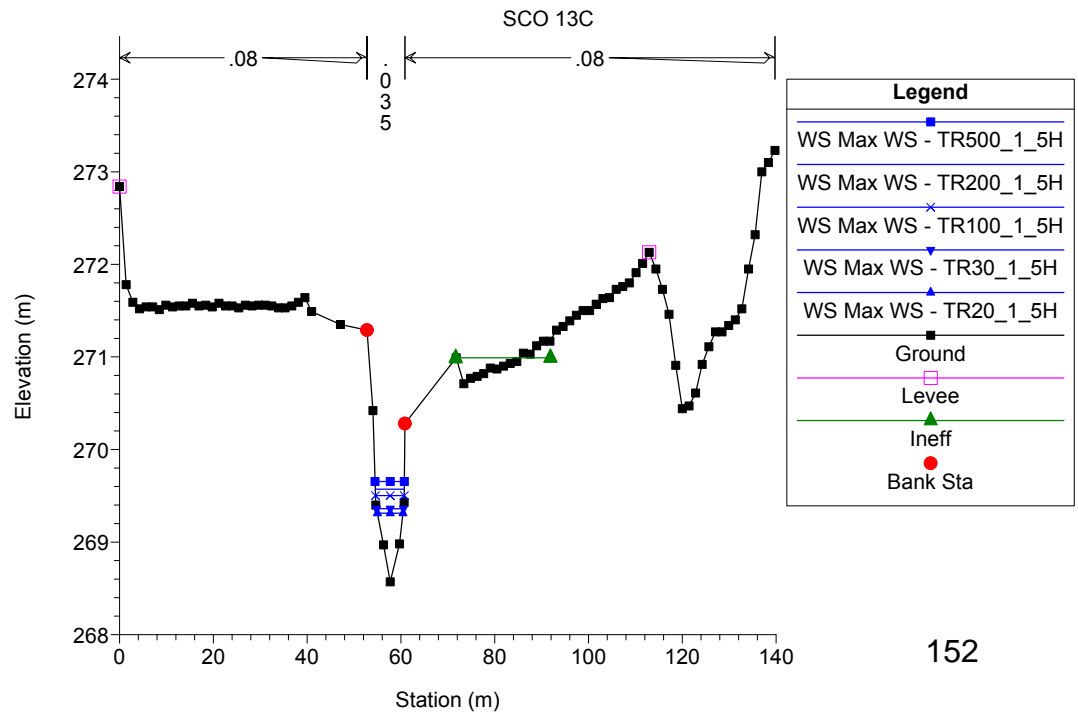
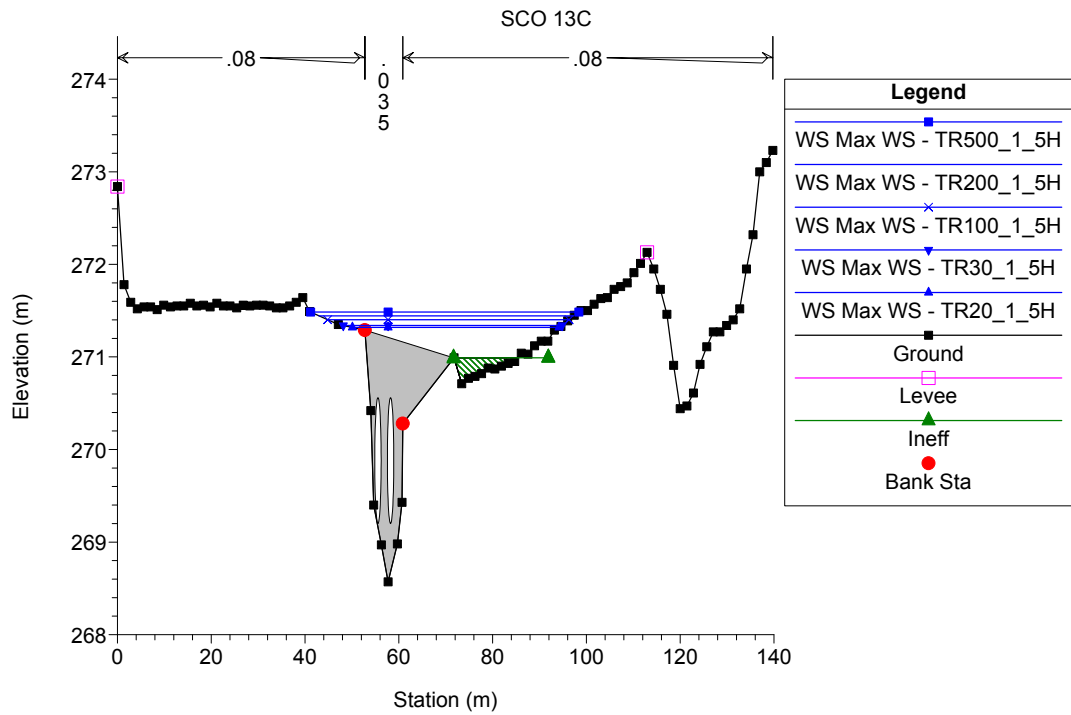
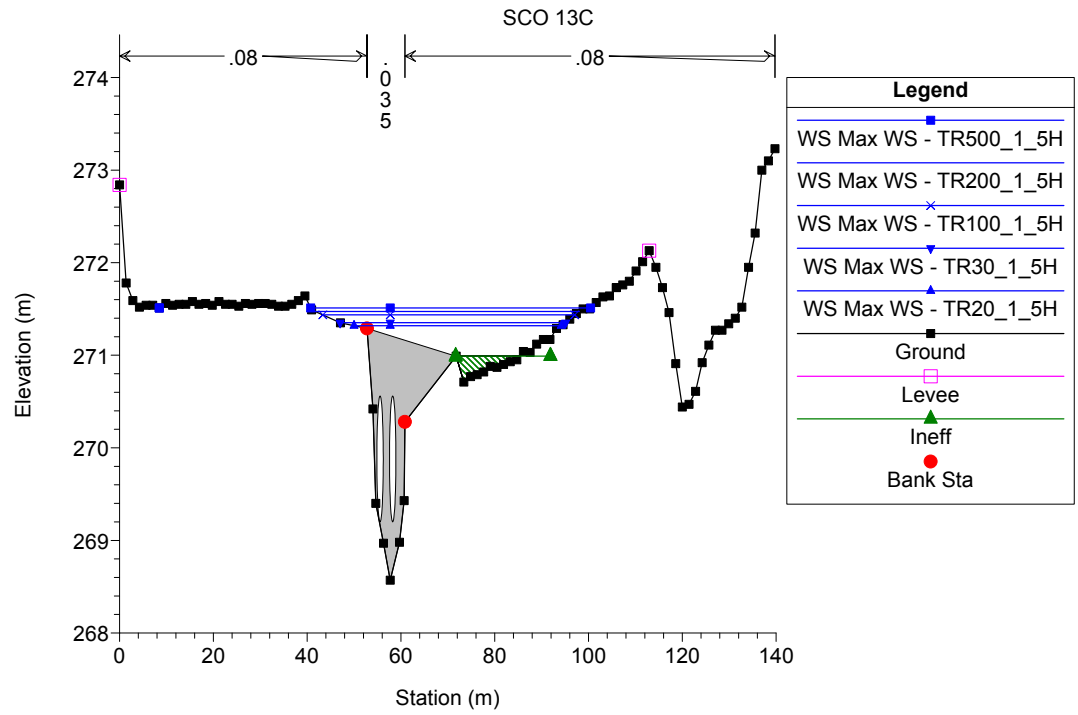
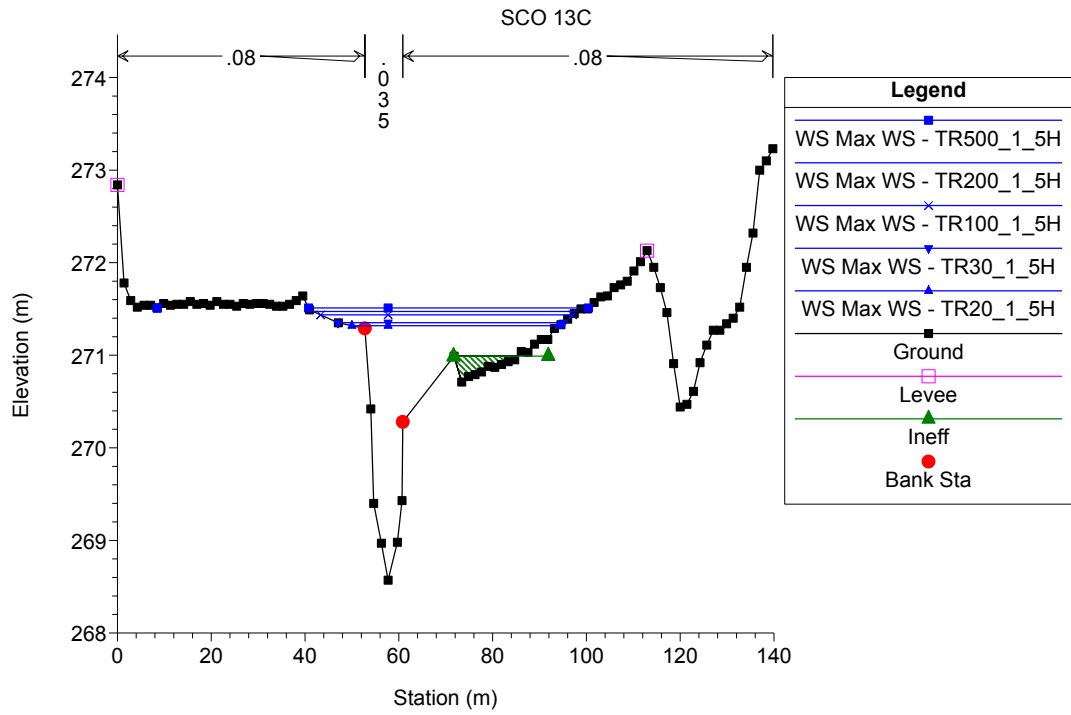


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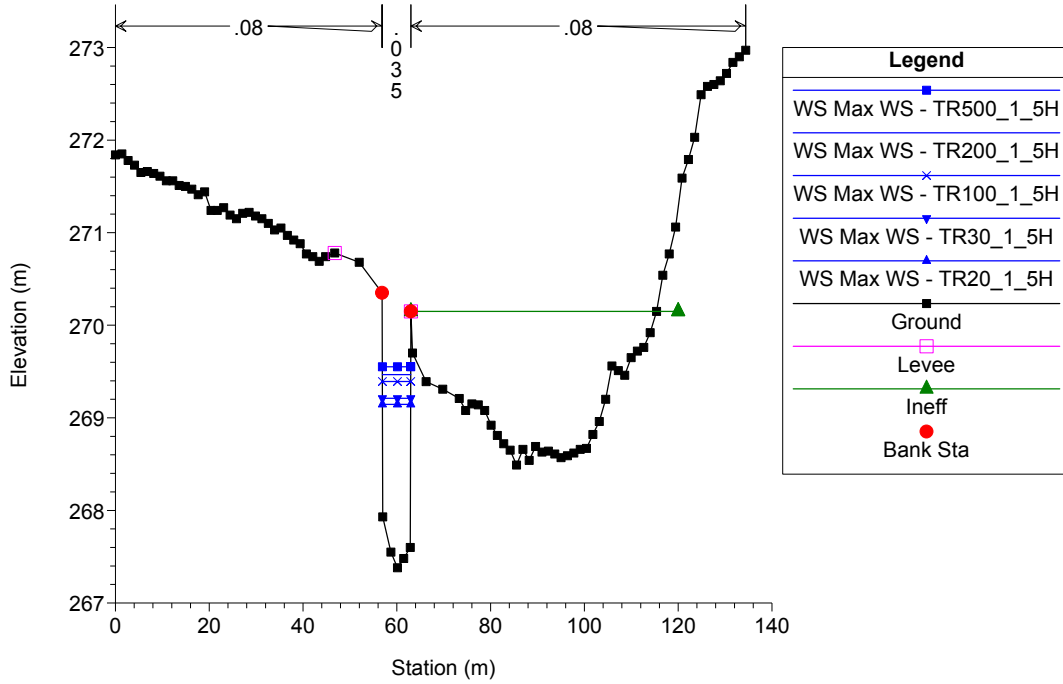




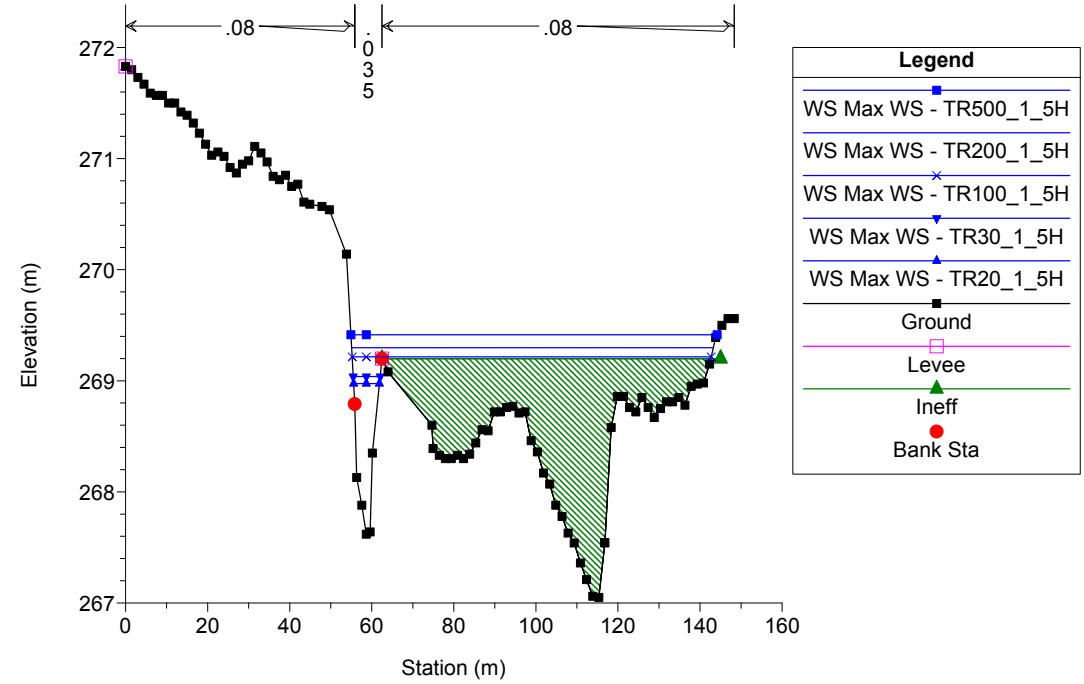




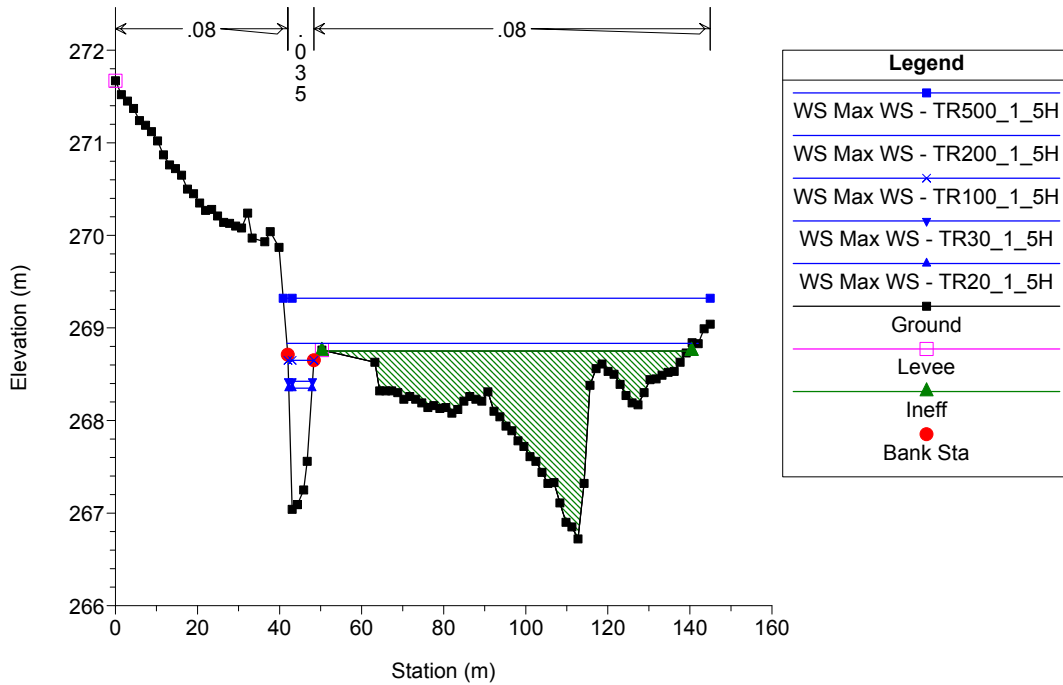
SCO 013\_A



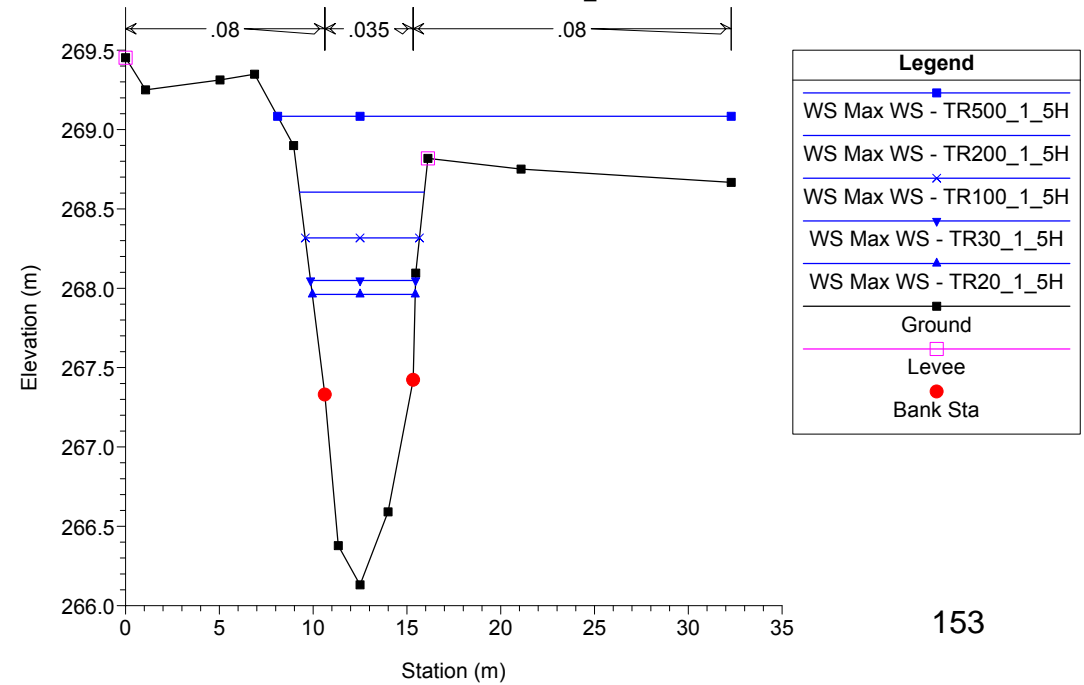
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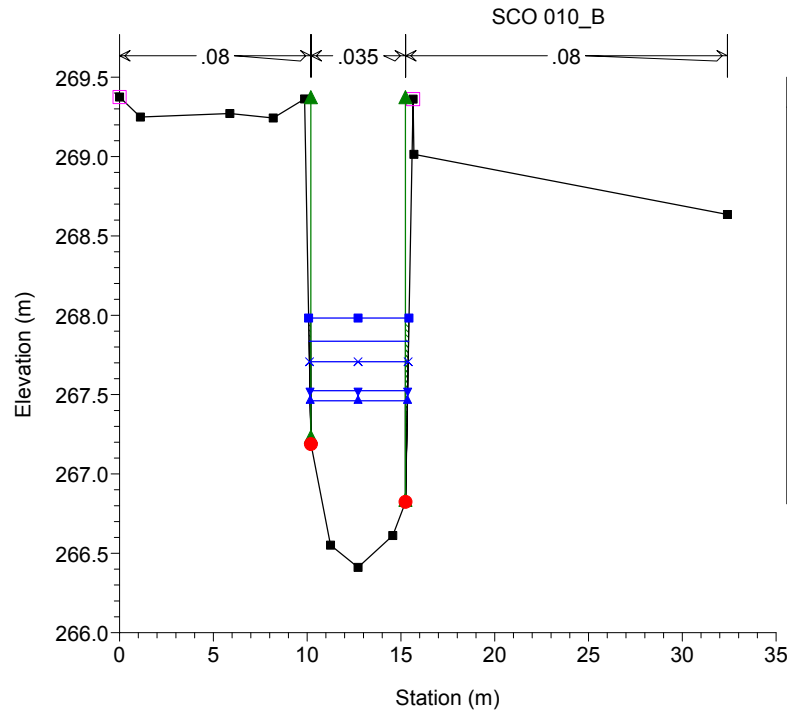
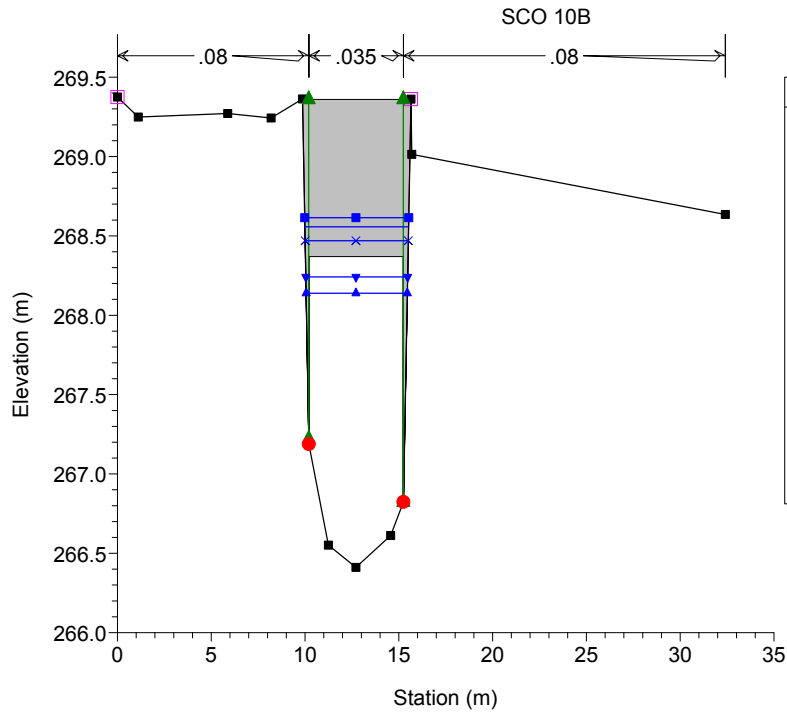
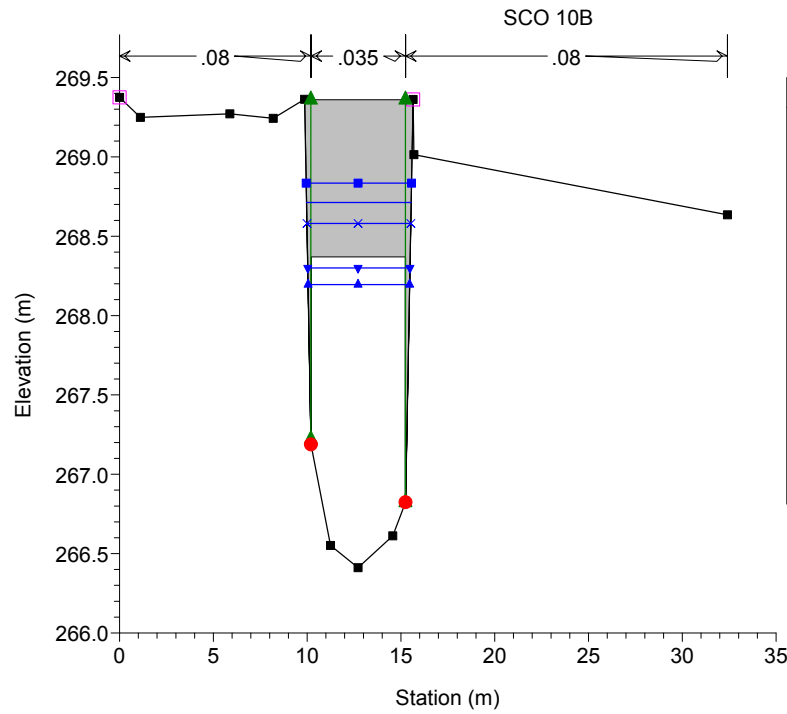
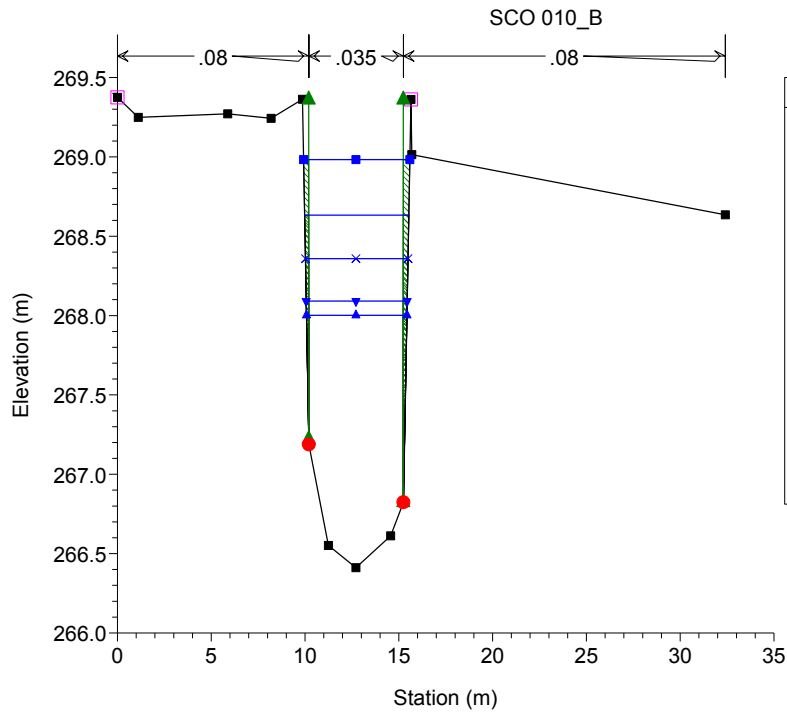


SCO 011

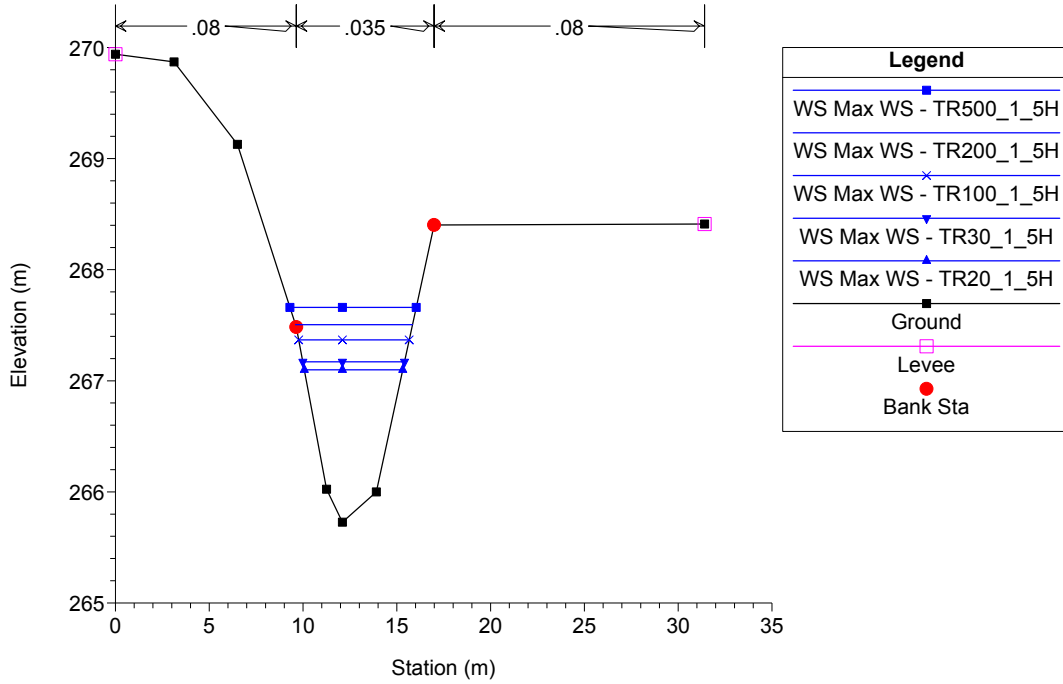


SCO 010\_C

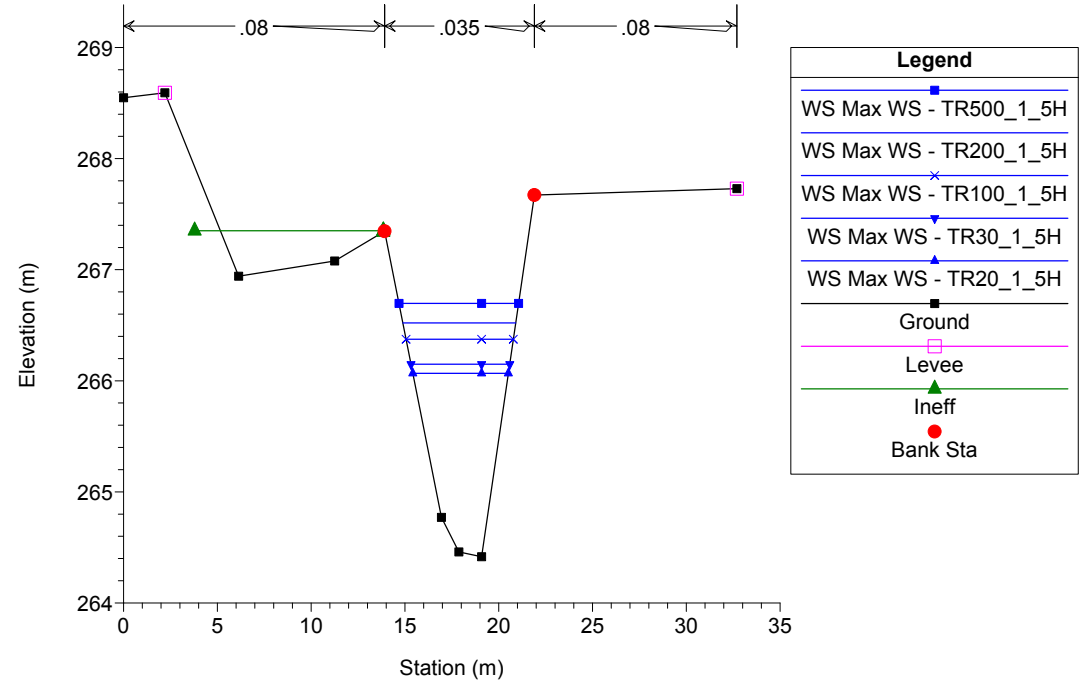




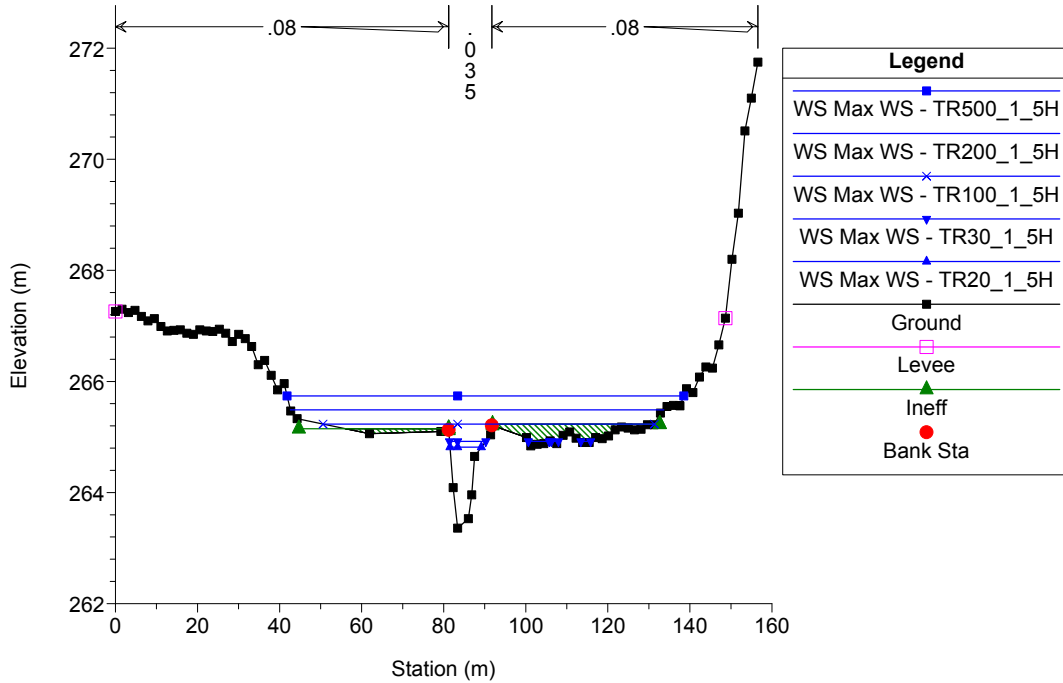
SCO 010\_A



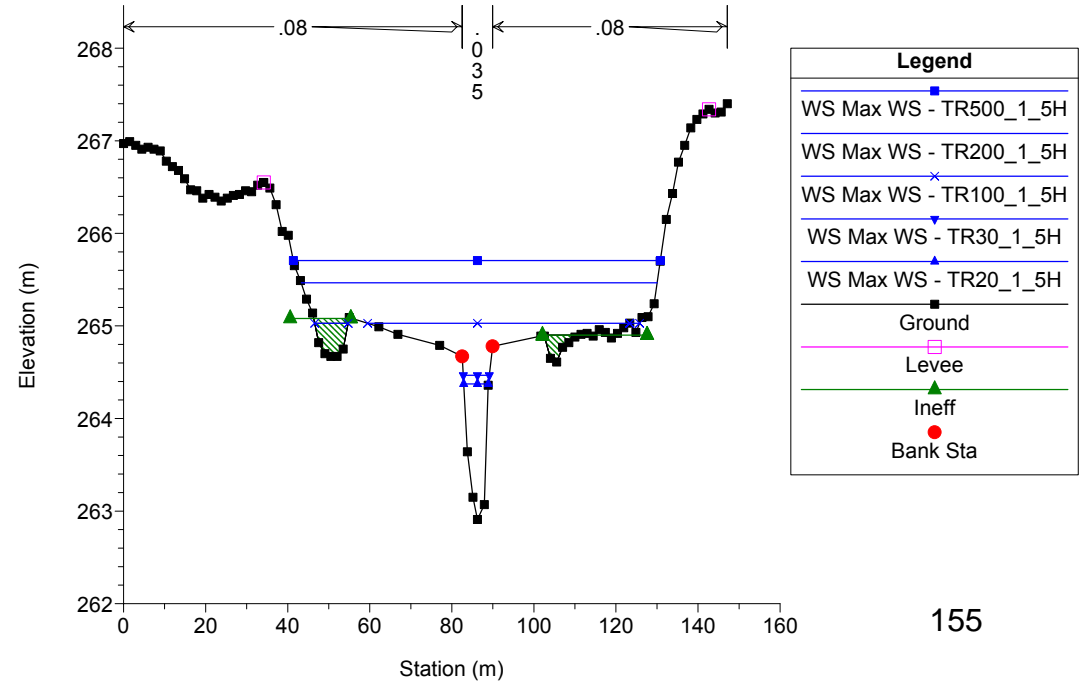
SCO 009

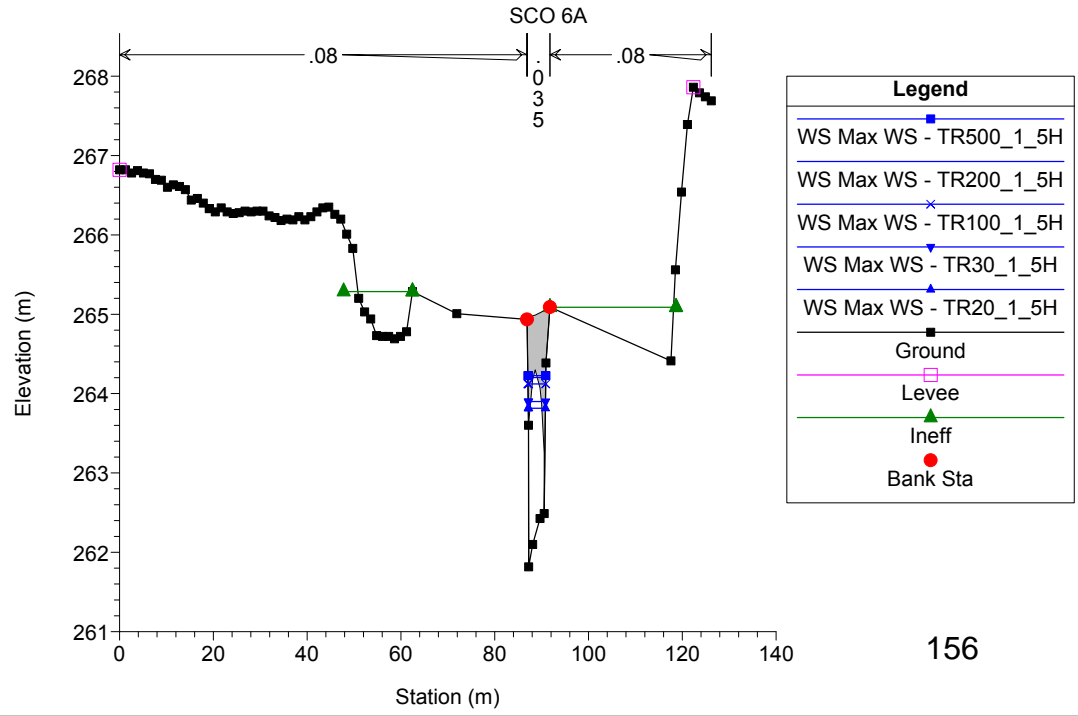
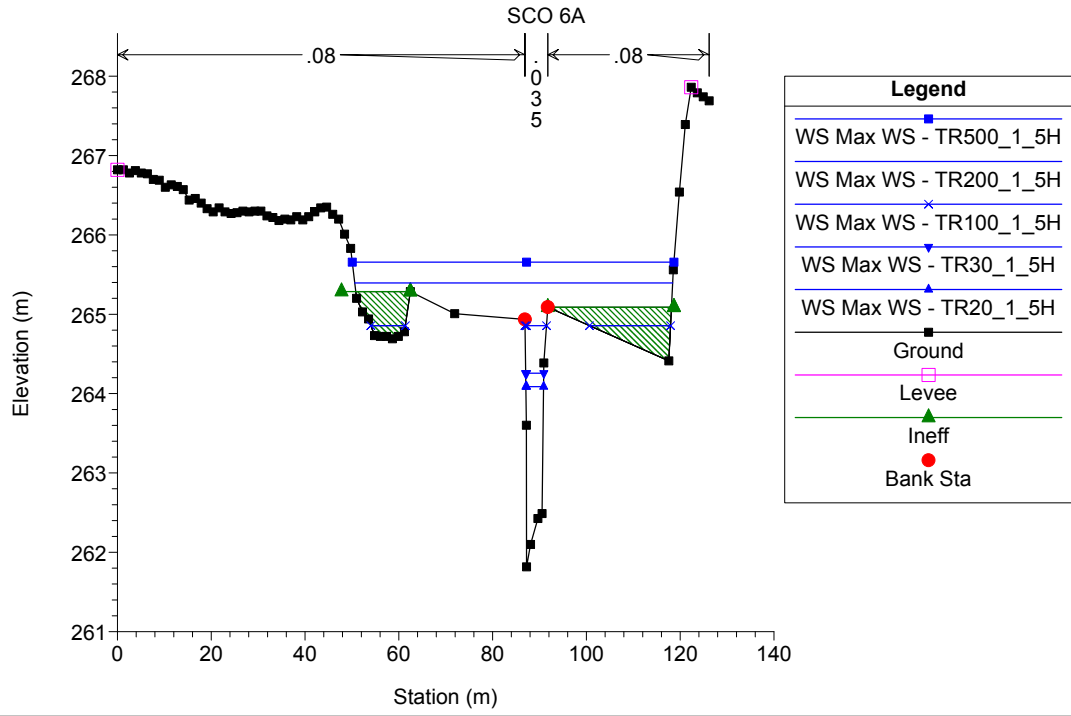
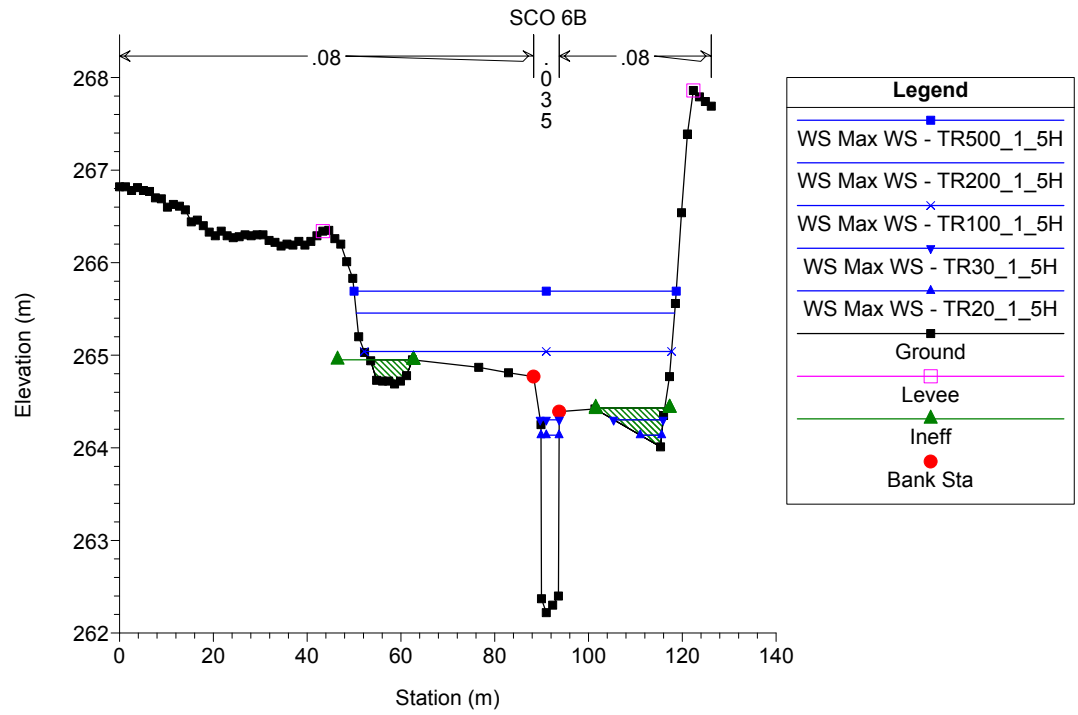
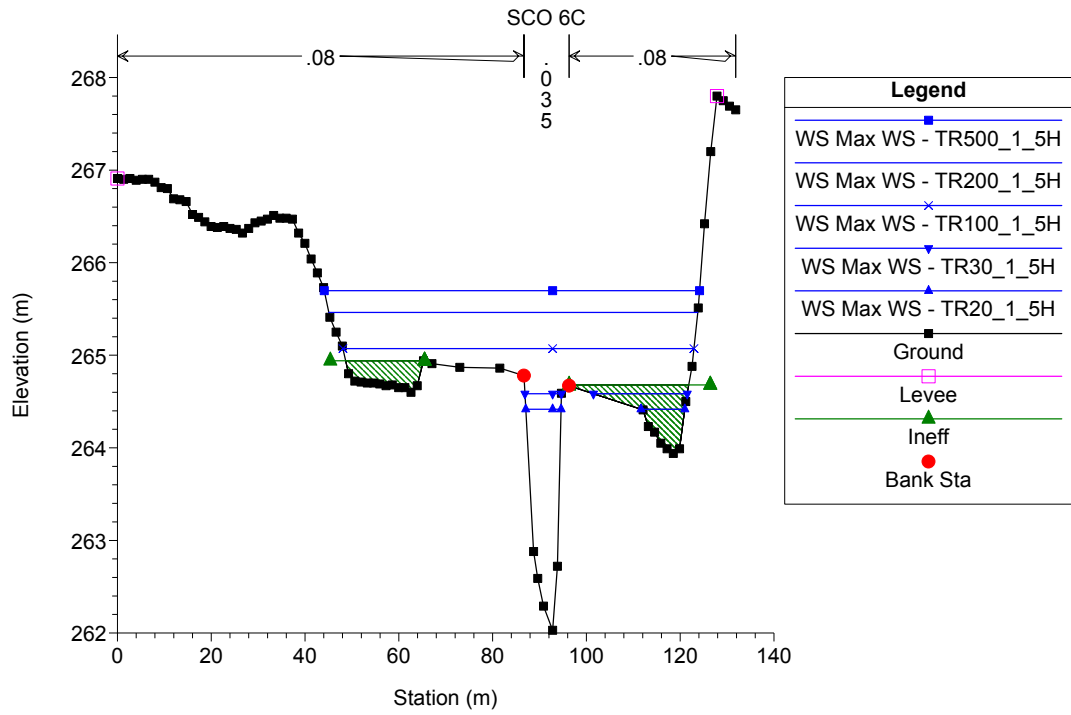


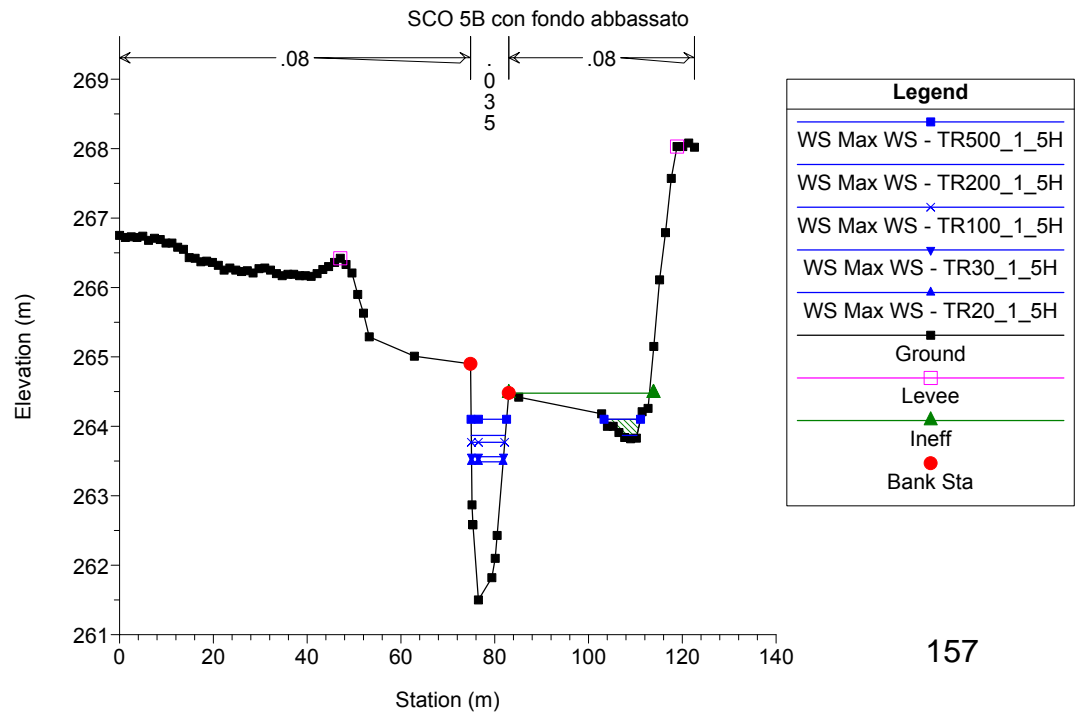
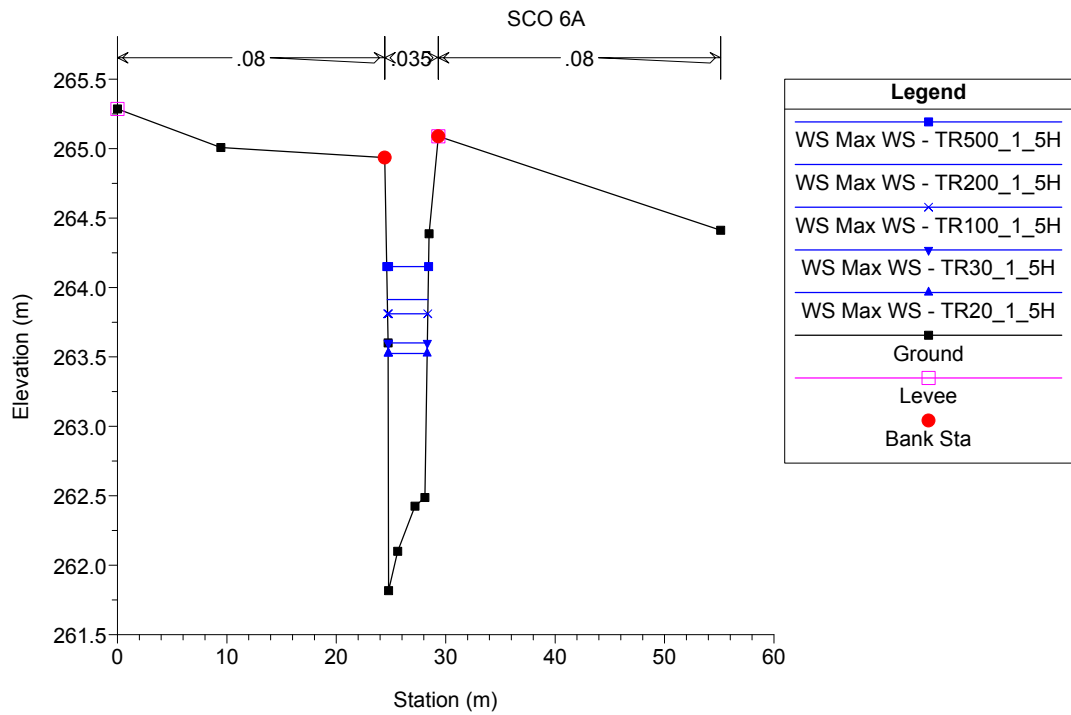
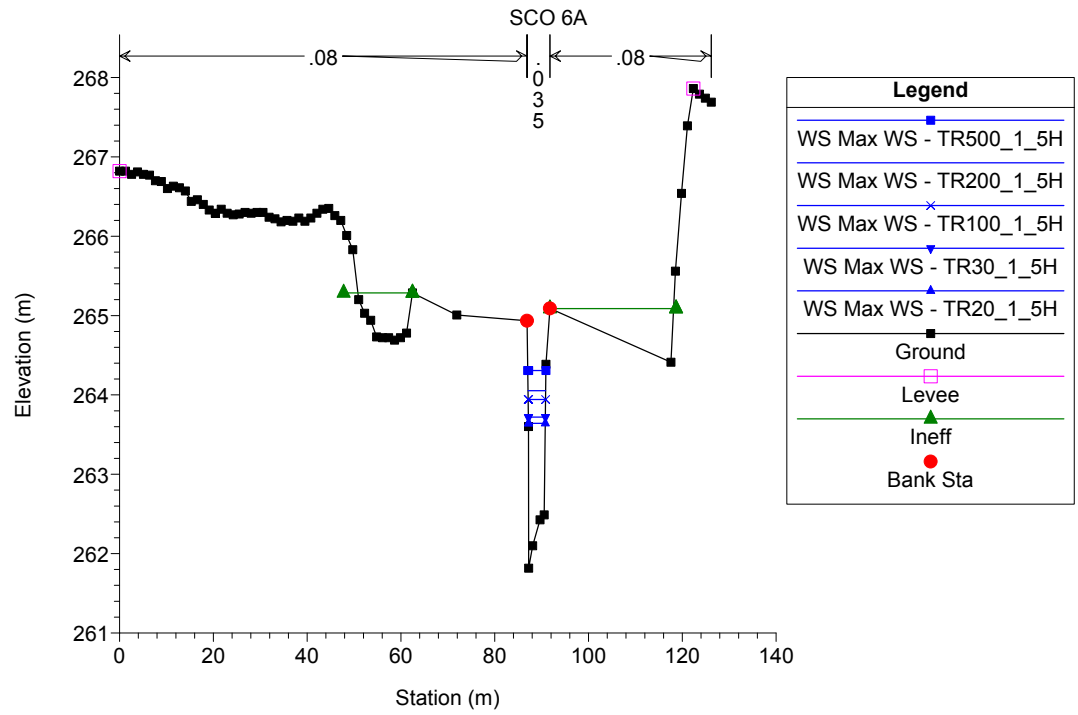
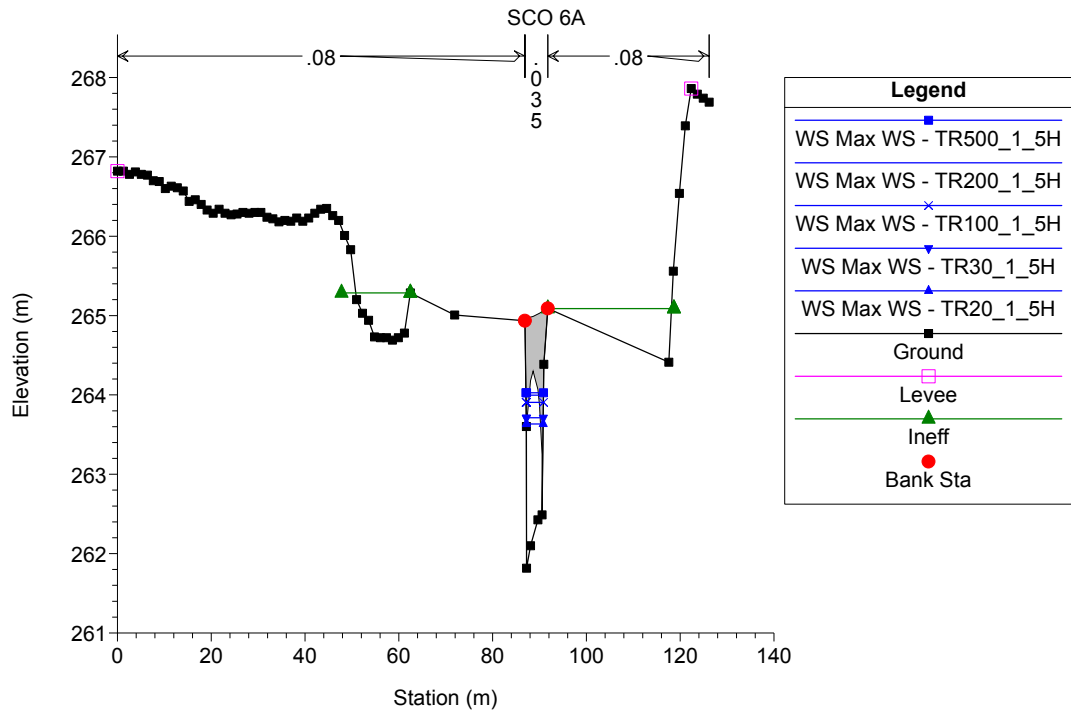
SCO 008

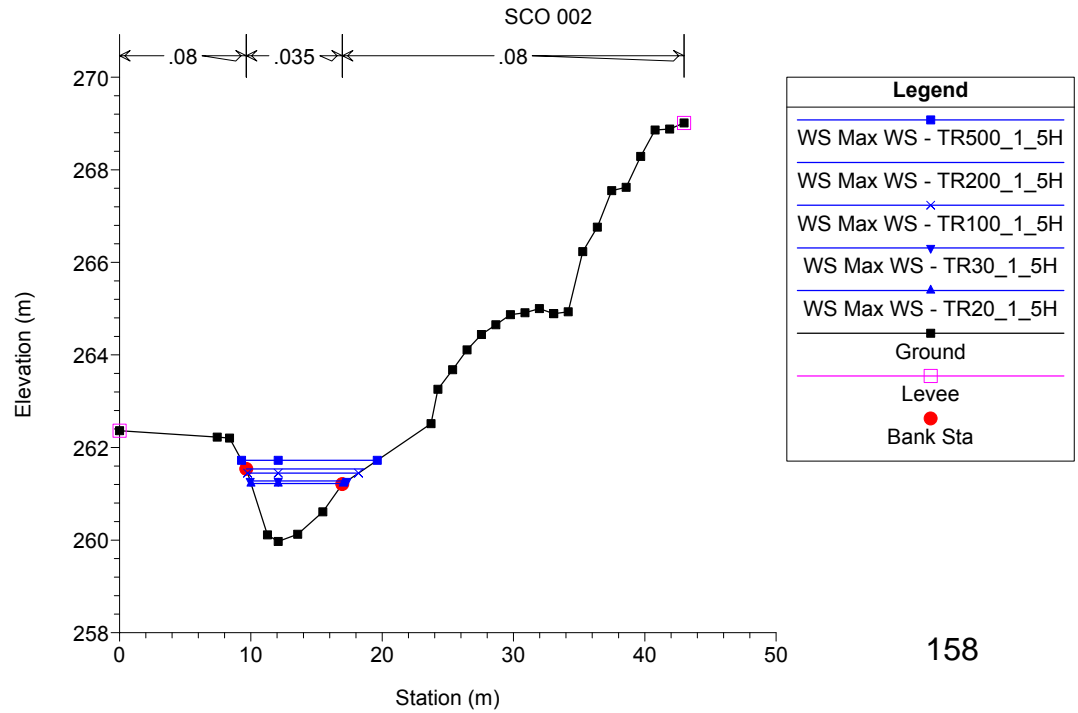
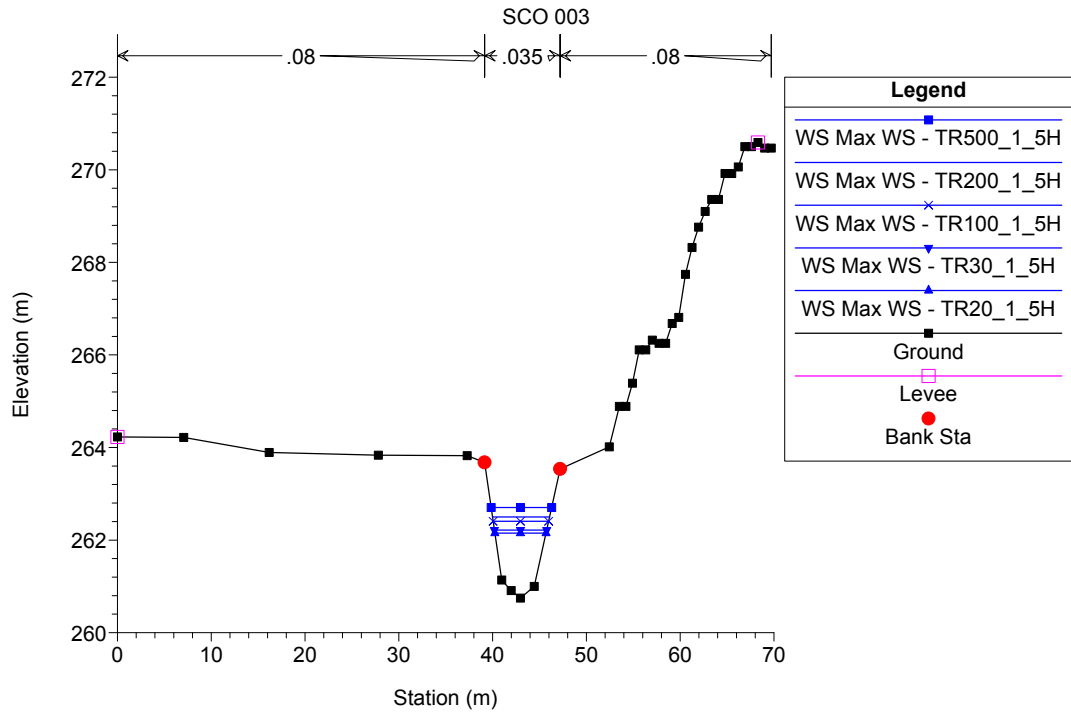
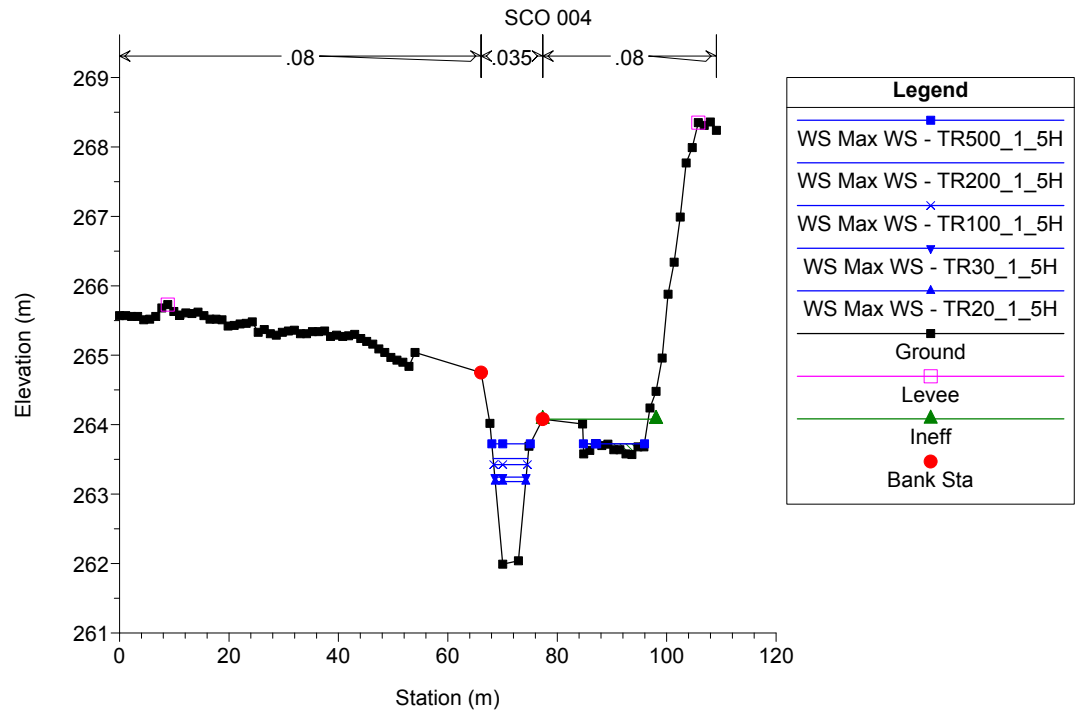
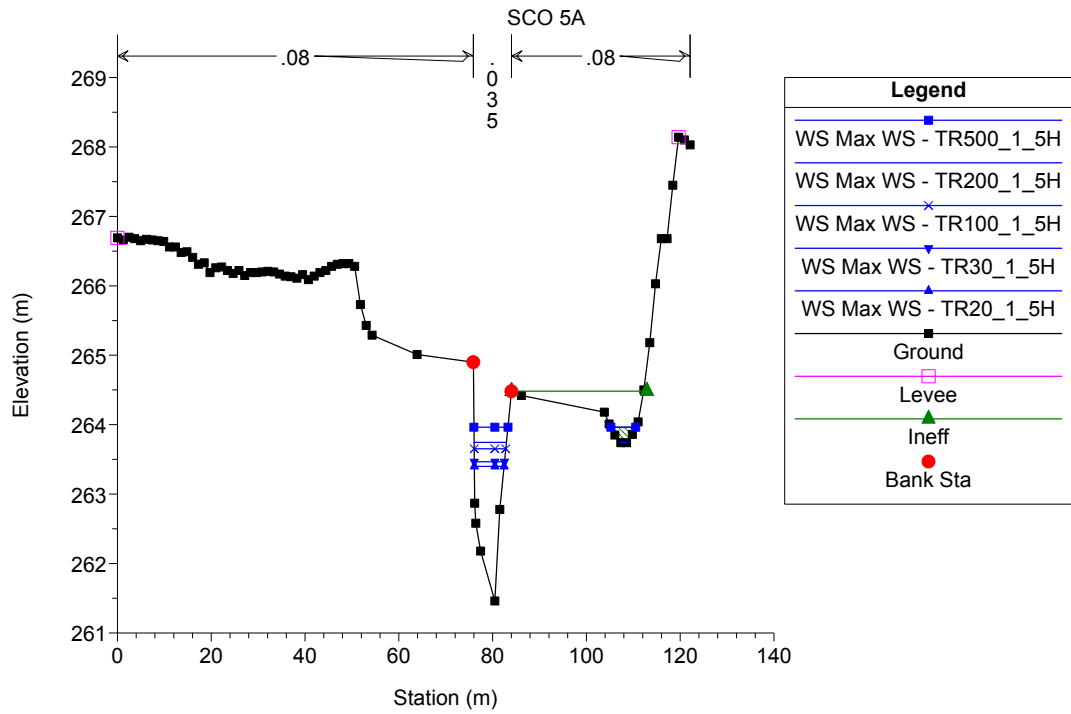


SCO 007

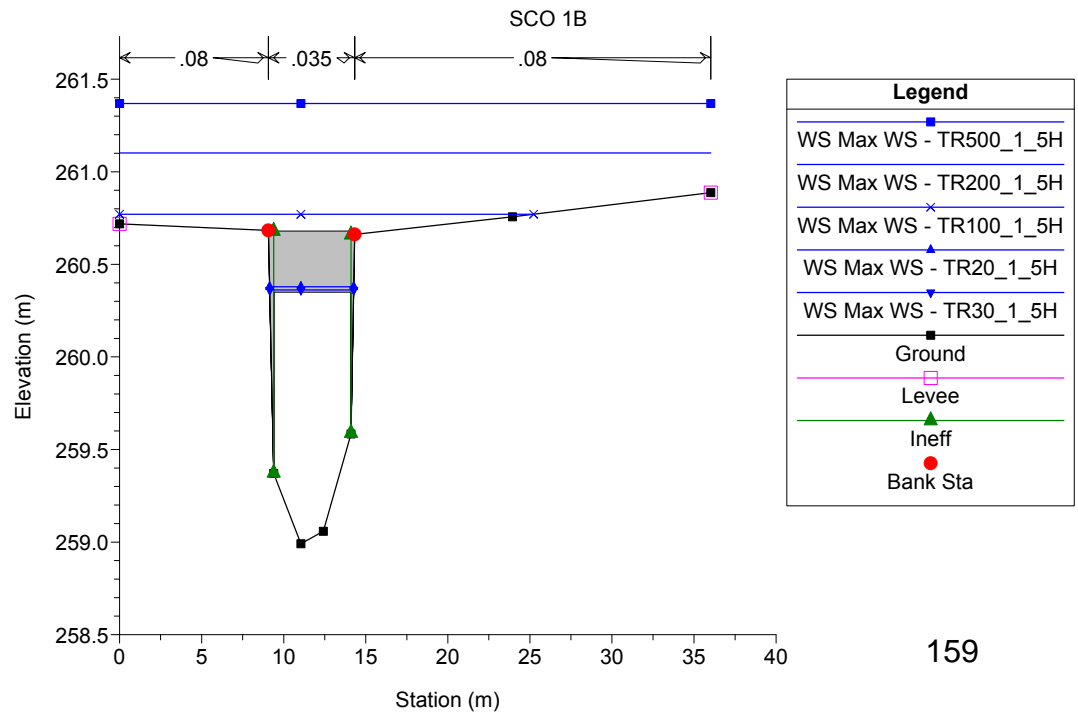
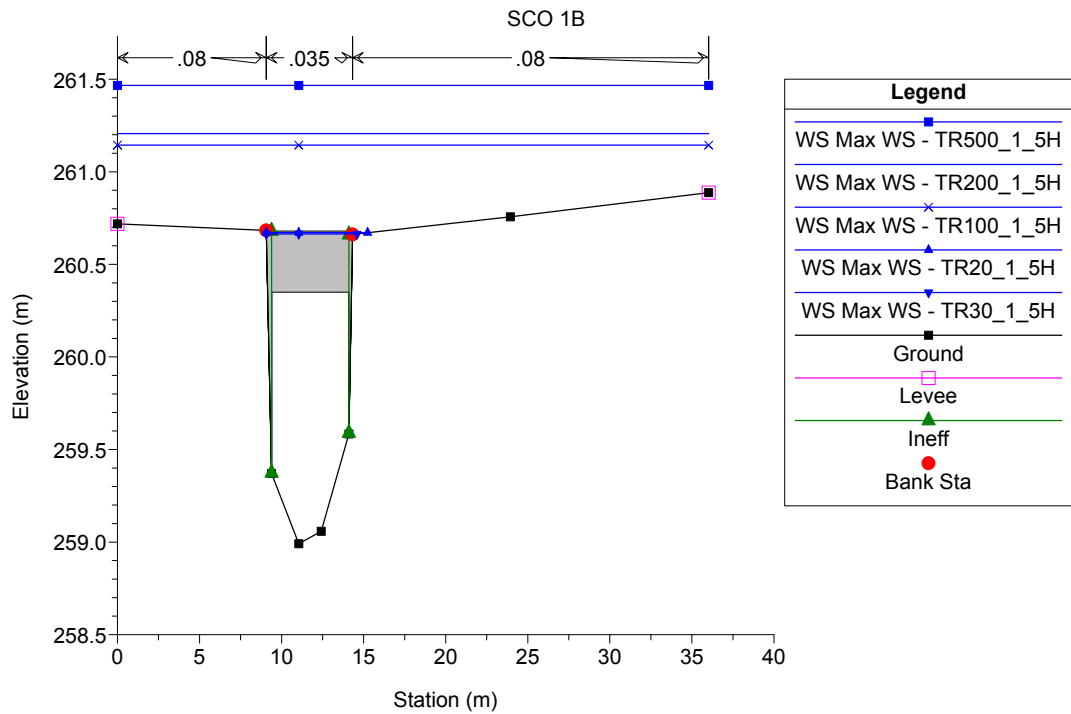
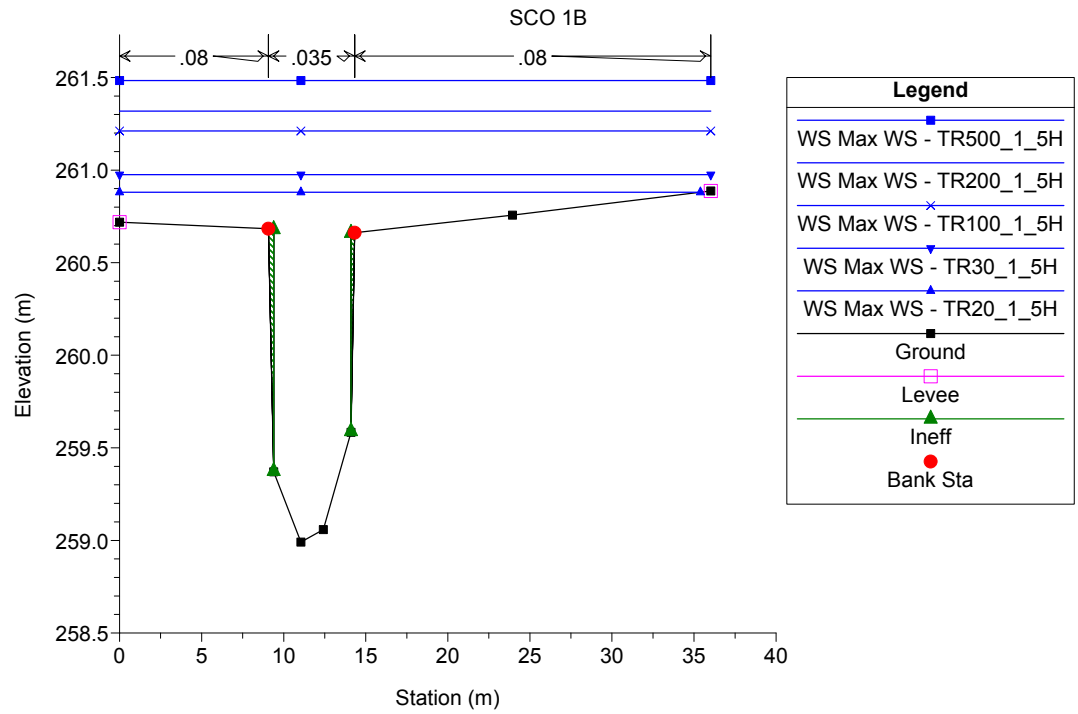
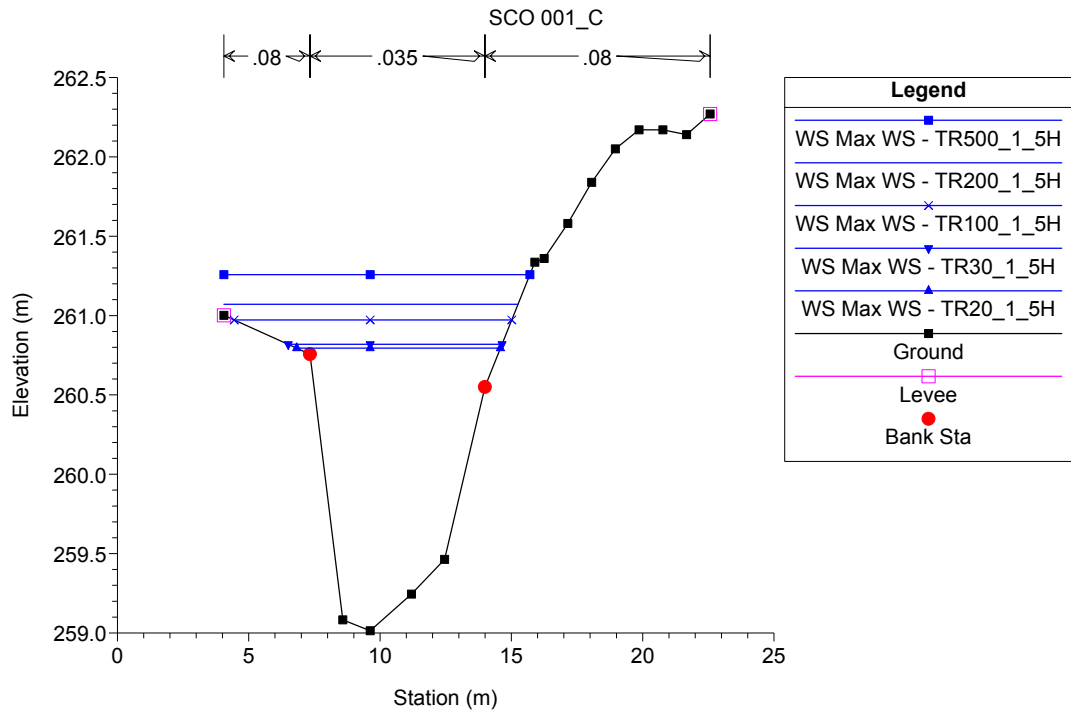


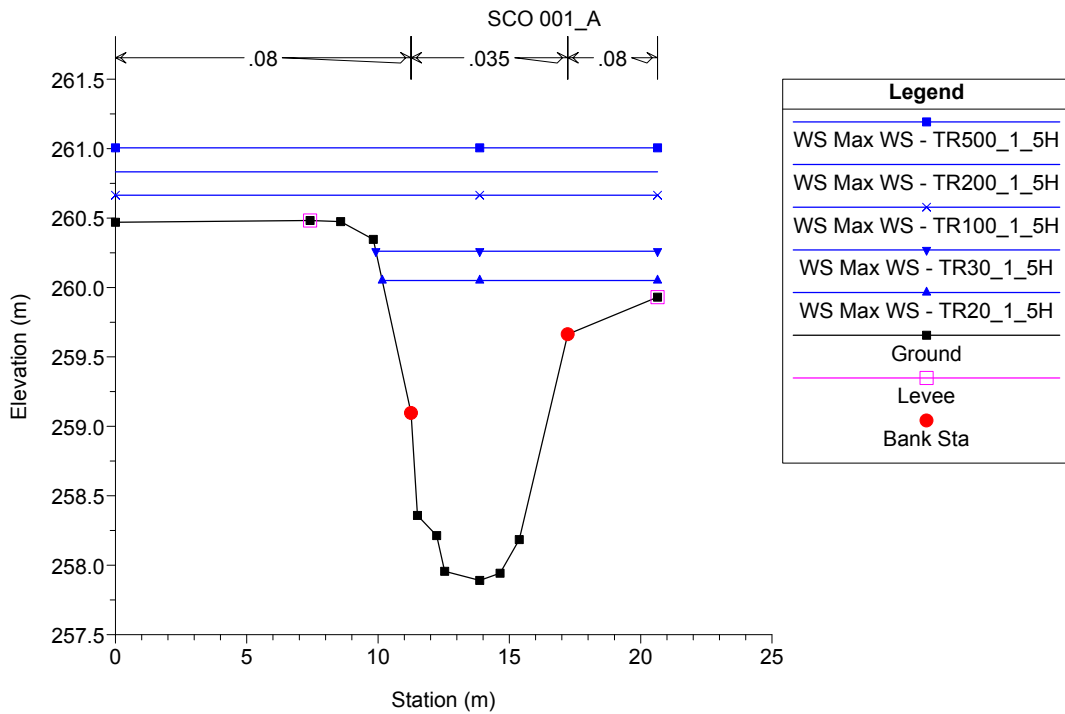
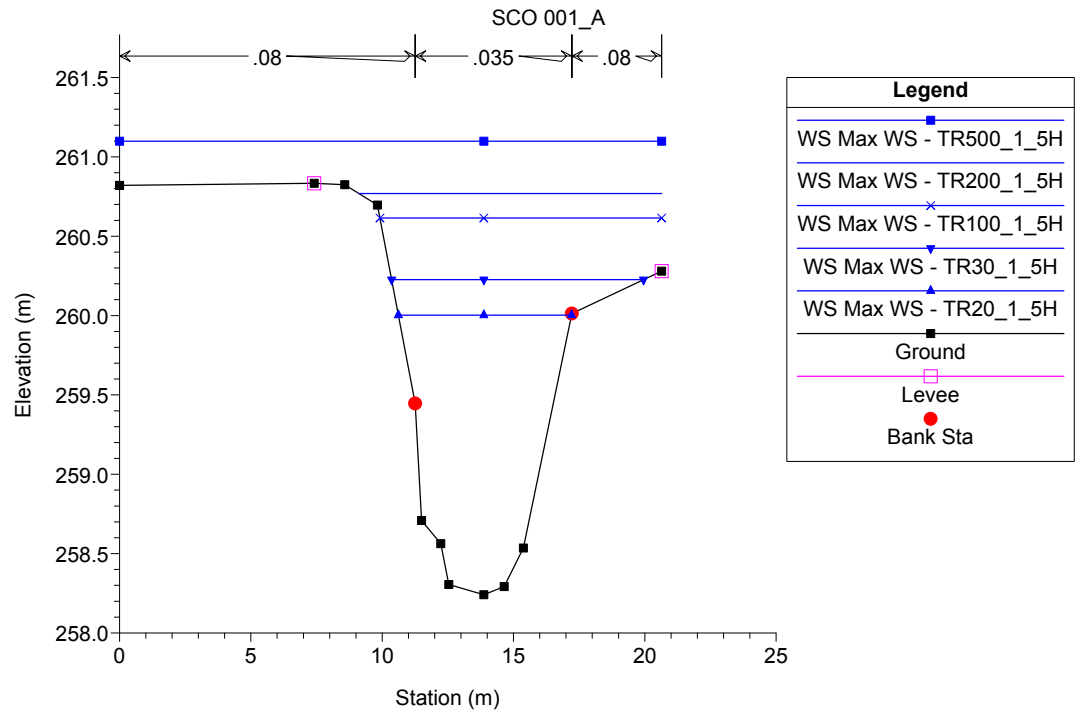
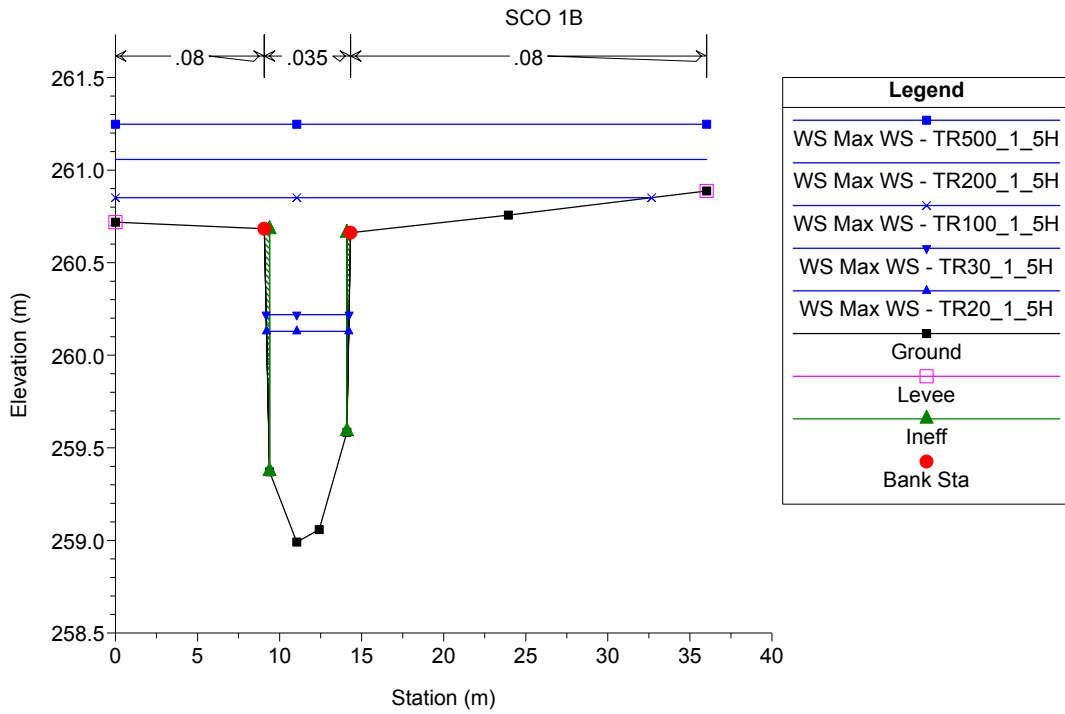








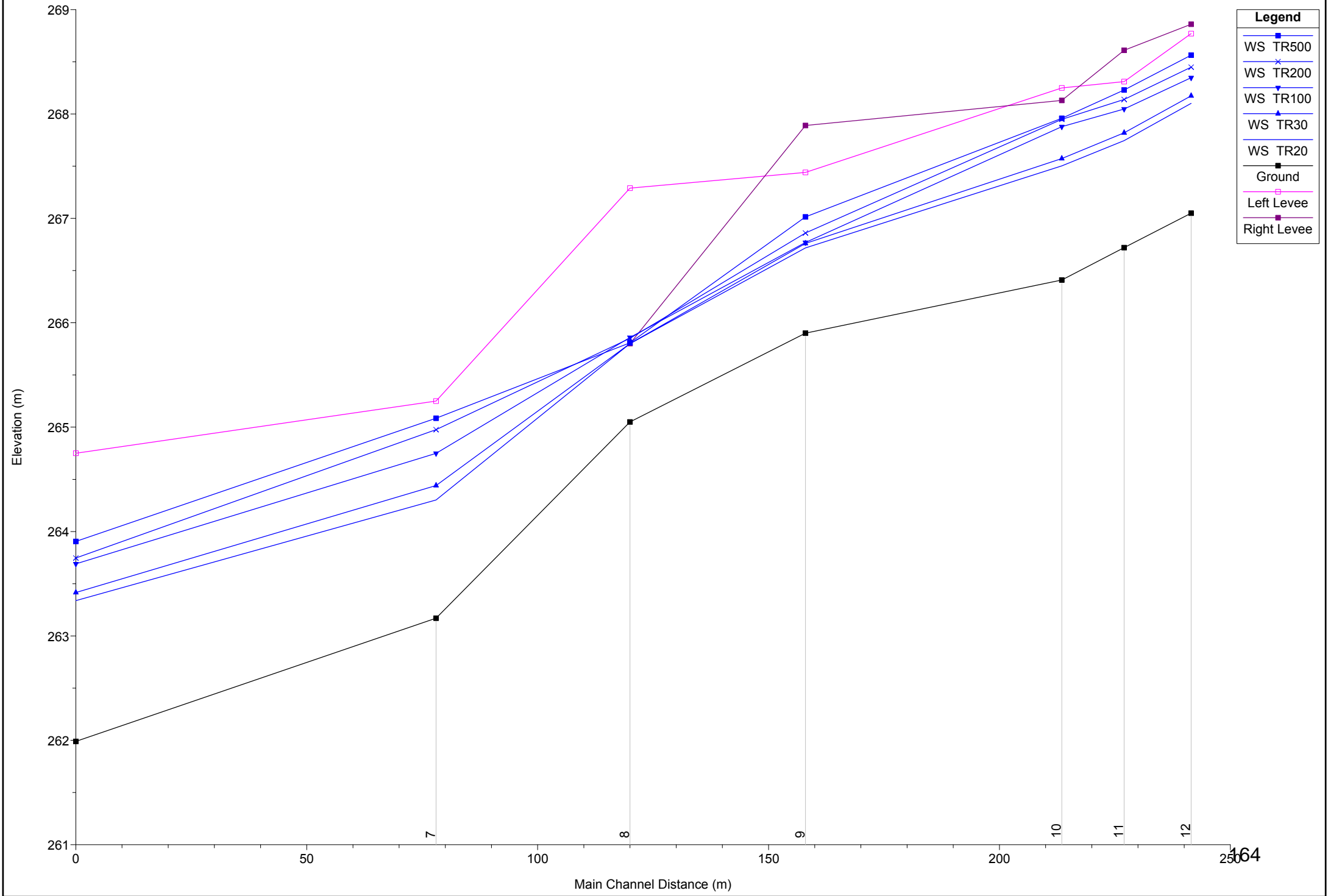




Reach	River Sta	Profile	Plan	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
scopicci	20	Max WS	TR200_1_5H	30.81	278.38	279.96	280.25	280.83	0.024578	4.13	7.46	7.24	1.30
scopicci	20	Max WS	TR20_1_5H	18.07	278.38	279.60	279.72	280.23	0.022807	3.52	5.14	6.20	1.23
scopicci	20	Max WS	TR30_1_5H	20.03	278.38	279.66	279.80	280.33	0.022932	3.64	5.50	6.26	1.24
scopicci	20	Max WS	TR100_1_5H	26.49	278.38	279.84	280.09	280.65	0.022865	3.98	6.66	6.44	1.25
scopicci	20	Max WS	TR500_1_5H	37.16	278.38	280.12	280.43	281.04	0.026680	4.25	8.75	8.84	1.36
scopicci	19	Max WS	TR200_1_5H	30.79	276.73	278.26	278.39	278.77	0.023565	3.15	9.78	15.38	1.26
scopicci	19	Max WS	TR20_1_5H	18.05	276.73	278.01	278.09	278.41	0.020698	2.81	6.42	10.72	1.16
scopicci	19	Max WS	TR30_1_5H	20.01	276.73	278.05	278.15	278.47	0.021428	2.87	6.97	11.61	1.18
scopicci	19	Max WS	TR100_1_5H	26.46	276.73	278.19	278.31	278.66	0.022804	3.04	8.72	14.07	1.23
scopicci	19	Max WS	TR500_1_5H	37.14	276.73	278.35	278.49	278.91	0.024465	3.30	11.27	17.04	1.29
scopicci	18	Max WS	TR200_1_5H	30.78	275.51	277.09	277.29	277.71	0.029454	4.39	15.28	34.91	1.36
scopicci	18	Max WS	TR20_1_5H	18.03	275.51	276.93	277.10	277.44	0.025748	3.68	9.91	31.65	1.24
scopicci	18	Max WS	TR30_1_5H	20.00	275.51	276.96	277.13	277.49	0.026123	3.79	10.90	32.30	1.25
scopicci	18	Max WS	TR100_1_5H	26.45	275.51	277.04	277.23	277.63	0.028240	4.17	13.63	34.05	1.32
scopicci	18	Max WS	TR500_1_5H	37.12	275.51	277.15	277.36	277.82	0.030697	4.66	17.55	35.53	1.40
scopicci	17	Max WS	TR200_1_5H	30.75	274.28	275.68	275.59	275.77	0.008049	2.31	38.12	83.34	0.73
scopicci	17	Max WS	TR20_1_5H	18.02	274.28	275.44	275.49	275.61	0.015065	2.70	19.79	72.43	0.96
scopicci	17	Max WS	TR30_1_5H	19.97	274.28	275.47	275.51	275.64	0.014778	2.72	21.76	74.04	0.96
scopicci	17	Max WS	TR100_1_5H	26.42	274.28	275.63	275.55	275.72	0.007908	2.22	34.28	81.13	0.72
scopicci	17	Max WS	TR500_1_5H	37.10	274.28	275.75	275.64	275.84	0.007747	2.37	44.21	85.71	0.73
scopicci	16	Max WS	TR200_1_5H	30.74	271.75	273.12	273.27	273.81	0.020116	3.69	8.33	8.99	1.22
scopicci	16	Max WS	TR20_1_5H	18.00	271.75	272.80	272.90	273.31	0.020271	3.18	5.67	7.77	1.19
scopicci	16	Max WS	TR30_1_5H	19.96	271.75	272.85	272.96	273.40	0.020215	3.27	6.11	7.98	1.19
scopicci	16	Max WS	TR100_1_5H	26.40	271.75	273.02	273.15	273.66	0.020122	3.54	7.47	8.61	1.21
scopicci	16	Max WS	TR500_1_5H	37.08	271.75	273.25	273.42	274.02	0.020196	3.89	9.53	9.48	1.24
scopicci	15	Max WS	TR200_1_5H	30.73	270.28	271.70	271.89	272.34	0.018259	3.70	11.30	22.56	1.17
scopicci	15	Max WS	TR20_1_5H	17.99	270.28	271.48	271.59	271.91	0.014692	2.93	6.82	17.23	1.02
scopicci	15	Max WS	TR30_1_5H	19.95	270.28	271.52	271.65	271.99	0.015343	3.08	7.55	19.00	1.05
scopicci	15	Max WS	TR100_1_5H	26.40	270.28	271.63	271.80	272.21	0.017146	3.47	9.91	21.89	1.13
scopicci	15	Max WS	TR500_1_5H	37.08	270.28	271.78	272.00	272.51	0.019686	4.00	13.19	23.43	1.23
scopicci	14	Max WS	TR200_1_5H	30.72	269.37	271.53	270.60	271.54	0.000330	0.75	99.61	88.37	0.17
scopicci	14	Max WS	TR20_1_5H	17.96	269.37	271.35	270.46	271.35	0.000174	0.51	84.38	78.71	0.12
scopicci	14	Max WS	TR30_1_5H	19.91	269.37	271.39	270.49	271.39	0.000194	0.54	87.29	79.27	0.13
scopicci	14	Max WS	TR100_1_5H	26.37	269.37	271.48	270.56	271.49	0.000276	0.67	95.38	86.01	0.15
scopicci	14	Max WS	TR500_1_5H	37.06	269.37	271.59	270.63	271.60	0.000416	0.86	104.72	90.81	0.19
scopicci	13.3	Max WS	TR200_1_5H	30.71	268.57	271.48	270.34	271.57	0.001250	1.46	37.50	56.53	0.32
scopicci	13.3	Max WS	TR20_1_5H	17.95	268.57	271.32	269.92	271.36	0.000618	0.98	29.60	44.33	0.22
scopicci	13.3	Max WS	TR30_1_5H	19.91	268.57	271.35	269.99	271.40	0.000703	1.05	31.12	48.16	0.24
scopicci	13.3	Max WS	TR100_1_5H	26.37	268.57	271.44	270.20	271.51	0.001008	1.30	35.41	53.85	0.29
scopicci	13.3	Max WS	TR500_1_5H	37.06	268.57	271.51	270.56	271.64	0.001676	1.71	39.71	60.01	0.37
scopicci	13.25	Max WS	TR200_1_5H	30.71	268.57	271.47		271.56	0.001256	1.46	37.38	56.37	0.32
scopicci	13.25	Max WS	TR20_1_5H	17.95	268.57	271.32		271.36	0.000620	0.98	29.56	44.21	0.22
scopicci	13.25	Max WS	TR30_1_5H	19.91	268.57	271.35		271.40	0.000705	1.06	31.06	48.08	0.24
scopicci	13.25	Max WS	TR100_1_5H	26.37	268.57	271.44		271.51	0.001012	1.30	35.33	53.75	0.29
scopicci	13.25	Max WS	TR500_1_5H	37.06	268.57	271.51		271.63	0.001689	1.72	39.53	59.69	0.37
scopicci	13.2			Culvert									
scopicci	13.1	Max WS	TR200_1_5H	30.71	268.57	269.57	270.34	273.02	0.178983	8.23	3.73	6.19	3.38
scopicci	13.1	Max WS	TR20_1_5H	17.95	268.57	269.31	269.92	272.76	0.295830	8.22	2.18	5.46	4.15
scopicci	13.1	Max WS	TR30_1_5H	19.91	268.57	269.36	269.99	272.71	0.264160	8.11	2.46	5.76	3.96
scopicci	13.1	Max WS	TR100_1_5H	26.32	268.57	269.50	270.20	272.73	0.191585	7.97	3.30	6.13	3.46
scopicci	13.1	Max WS	TR500_1_5H	37.03	268.57	269.65	270.56	273.52	0.174987	8.71	4.25	6.25	3.37
scopicci	13	Max WS	TR200_1_5H	30.71	267.38	269.47	268.96	269.84	0.006868	2.70	11.37	6.06	0.63
scopicci	13	Max WS	TR20_1_5H	17.95	267.38	269.14	268.54	269.33	0.003989	1.90	9.43	6.02	0.49
scopicci	13	Max WS	TR30_1_5H	19.91	267.38	269.21	268.61	269.42	0.004359	2.03	9.83	6.03	0.51
scopicci	13	Max WS	TR100_1_5H	26.20	267.38	269.39	268.82	269.69	0.005606	2.40	10.92	6.05	0.57
scopicci	13	Max WS	TR500_1_5H	37.03	267.38	269.55	269.15	270.05	0.008827	3.11	11.89	6.06	0.71
scopicci	12	Max WS	TR200_1_5H	30.70	267.62	269.30	269.51	269.98	0.019163	3.84	15.23	88.16	1.18
scopicci	12	Max WS	TR20_1_5H	17.95	267.62	268.97	269.11	269.59	0.021972	3.49	5.17	6.30	1.21
scopicci	12	Max WS	TR30_1_5H	19.91	267.62	269.04	269.39	269.70	0.021884	3.59	5.58	6.58	1.21
scopicci	12	Max WS	TR100_1_5H	25.91	267.62	269.22	269.46	269.96	0.021354	3.85	8.03	87.52	1.23
scopicci	12	Max WS	TR500_1_5H	34.85	267.62	269.41	269.55	269.83	0.012207	3.28	25.58	89.24	0.96
scopicci	11	Max WS	TR200_1_5H	30.61	267.04	268.83	269.03	269.40	0.013421	3.47	15.85	99.04	0.97
scopicci	11	Max WS	TR20_1_5H	17.95	267.04	268.35	268.44	268.94	0.019704	3.41	5.26	5.68	1.13
scopicci	11	Max WS	TR30_1_5H	19.91	267.04	268.42	268.52	269.05	0.019456	3.50	5.69	5.84	1.13
scopicci	11	Max WS	TR100_1_5H	25.90	267.04	268.65	268.98	269.33	0.018096	3.66	7.07	6.33	1.11
scopicci	11	Max WS	TR500_1_5H	37.17	267.04	269.32	269.09	269.38	0.001772	1.56	66.09	104.05	0.37
scopicci	10.4	Max WS	TR200_1_5H	30.60	266.13	268.61	268.23	269.11	0.005997	3.17	10.56	6.65	0.71
scopicci	10.4	Max WS	TR20_1_5H	17.95	266.13	267.96	267.74	268.35	0.007690	2.78	6.67	5.49	0.76
scopicci	10.4	Max WS	TR30_1_5H	19.90	266.13	268.05	267.82	268.47	0.007655	2.89	7.16	5.61	0.76
scopicci	10.4	Max WS	TR100_1_5H	25.90	266.13	268.32	268.06	268.82	0.007302	3.16	8.72	6.09	0.77
scopicci	10.4	Max WS	TR500_1_5H	36.53	266.13	269.08	268.44	269.46	0.003635	2.85	19.68	24.18	0.58

Reach	River Sta	Profile	Plan	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
scopiaci	10.3	Max WS	TR200_1_5H	30.60	266.41	268.63	268.16	269.09	0.004547	3.00	10.22	5.55	0.67
scopiaci	10.3	Max WS	TR20_1_5H	17.95	266.41	268.00	267.70	268.33	0.005423	2.55	7.04	5.35	0.69
scopiaci	10.3	Max WS	TR30_1_5H	19.90	266.41	268.09	267.78	268.45	0.005415	2.66	7.49	5.38	0.70
scopiaci	10.3	Max WS	TR100_1_5H	25.90	266.41	268.36	268.00	268.80	0.005287	2.93	8.84	5.47	0.71
scopiaci	10.3	Max WS	TR500_1_5H	36.52	266.41	268.98	268.36	269.46	0.003805	3.05	11.98	5.67	0.63
scopiaci	10.2			Bridge									
scopiaci	10.1	Max WS	TR200_1_5H	30.60	266.41	267.84	268.16	269.08	0.023954	4.93	6.21	5.30	1.42
scopiaci	10.1	Max WS	TR20_1_5H	17.95	266.41	267.46	267.69	268.34	0.027663	4.16	4.31	5.18	1.44
scopiaci	10.1	Max WS	TR30_1_5H	19.90	266.41	267.52	267.78	268.46	0.026780	4.30	4.64	5.20	1.43
scopiaci	10.1	Max WS	TR100_1_5H	25.90	266.41	267.71	268.00	268.82	0.024826	4.66	5.55	5.26	1.42
scopiaci	10.1	Max WS	TR500_1_5H	36.52	266.41	267.98	268.36	269.39	0.023498	5.26	6.94	5.35	1.43
scopiaci	10	Max WS	TR200_1_5H	30.60	265.73	267.51	267.75	268.48	0.024896	4.37	7.01	6.24	1.31
scopiaci	10	Max WS	TR20_1_5H	17.95	265.73	267.10	267.29	267.85	0.025788	3.84	4.68	5.25	1.30
scopiaci	10	Max WS	TR30_1_5H	19.90	265.73	267.17	267.37	267.96	0.025645	3.94	5.05	5.42	1.30
scopiaci	10	Max WS	TR100_1_5H	25.90	265.73	267.37	267.59	268.26	0.025247	4.20	6.17	5.89	1.31
scopiaci	10	Max WS	TR500_1_5H	36.51	265.73	267.66	267.93	268.73	0.023959	4.57	8.01	6.73	1.31
scopiaci	9	Max WS	TR200_1_5H	30.59	264.42	266.52	266.58	267.26	0.016849	3.82	8.02	6.02	1.06
scopiaci	9	Max WS	TR20_1_5H	17.95	264.42	266.07	266.07	266.61	0.015945	3.27	5.50	5.10	1.00
scopiaci	9	Max WS	TR30_1_5H	19.90	264.42	266.15	266.16	266.73	0.016039	3.36	5.92	5.26	1.01
scopiaci	9	Max WS	TR100_1_5H	25.90	264.42	266.37	266.40	267.04	0.016357	3.62	7.16	5.72	1.03
scopiaci	9	Max WS	TR500_1_5H	36.44	264.42	266.70	266.77	267.51	0.017040	4.00	9.10	6.38	1.07
scopiaci	8	Max WS	TR200_1_5H	28.84	263.36	265.49	265.37	265.61	0.003017	1.70	35.36	90.99	0.49
scopiaci	8	Max WS	TR20_1_5H	17.94	263.36	264.82	264.79	265.21	0.013991	2.79	6.43	7.66	0.97
scopiaci	8	Max WS	TR30_1_5H	19.88	263.36	264.92	264.88	265.30	0.013454	2.72	7.30	18.04	0.96
scopiaci	8	Max WS	TR100_1_5H	25.74	263.36	265.23	265.08	265.53	0.008339	2.42	12.89	80.76	0.78
scopiaci	8	Max WS	TR500_1_5H	39.83	263.36	265.74	265.49	265.82	0.001989	1.56	58.96	96.67	0.41
scopiaci	7	Max WS	TR200_1_5H	28.83	262.91	265.47	264.77	265.52	0.001076	1.29	55.27	86.75	0.30
scopiaci	7	Max WS	TR20_1_5H	17.64	262.91	264.37	264.31	264.81	0.012659	2.91	6.06	5.98	0.92
scopiaci	7	Max WS	TR30_1_5H	19.87	262.91	264.47	264.41	264.92	0.012793	3.00	6.63	6.34	0.93
scopiaci	7	Max WS	TR100_1_5H	25.67	262.91	265.03	264.64	265.26	0.004568	2.22	19.26	74.34	0.59
scopiaci	7	Max WS	TR500_1_5H	37.28	262.91	265.71	265.21	265.75	0.000840	1.23	76.45	89.44	0.27
scopiaci	6.4	Max WS	TR200_1_5H	28.84	262.03	265.46	263.84	265.49	0.000460	0.92	65.08	78.69	0.20
scopiaci	6.4	Max WS	TR20_1_5H	18.12	262.03	264.42	263.47	264.53	0.001870	1.47	12.34	16.86	0.37
scopiaci	6.4	Max WS	TR30_1_5H	19.86	262.03	264.58	263.53	264.69	0.001714	1.46	13.62	27.78	0.35
scopiaci	6.4	Max WS	TR100_1_5H	25.66	262.03	265.07	263.74	265.14	0.001070	1.24	35.06	74.85	0.29
scopiaci	6.4	Max WS	TR500_1_5H	37.03	262.03	265.70	264.09	265.73	0.000431	0.95	83.81	80.04	0.19
scopiaci	6.3	Max WS	TR200_1_5H	28.84	262.22	265.46	264.15	265.49	0.000880	1.09	58.72	67.90	0.22
scopiaci	6.3	Max WS	TR20_1_5H	18.00	262.22	264.14	263.66	264.49	0.009004	2.63	6.83	8.41	0.63
scopiaci	6.3	Max WS	TR30_1_5H	19.86	262.22	264.30	263.75	264.66	0.008800	2.66	7.48	14.56	0.62
scopiaci	6.3	Max WS	TR100_1_5H	25.66	262.22	265.04	264.01	265.14	0.002521	1.64	30.96	65.52	0.37
scopiaci	6.3	Max WS	TR500_1_5H	36.72	262.22	265.69	264.86	265.72	0.000774	1.09	74.90	68.72	0.21
scopiaci	6.2	Max WS	TR200_1_5H	28.84	261.82	265.39	264.19	265.54	0.003212	1.90	30.32	67.81	0.38
scopiaci	6.2	Max WS	TR20_1_5H	17.99	261.82	264.09	263.66	264.48	0.011112	2.78	6.48	3.79	0.68
scopiaci	6.2	Max WS	TR30_1_5H	19.86	261.82	264.26	263.76	264.65	0.010468	2.79	7.13	3.86	0.65
scopiaci	6.2	Max WS	TR100_1_5H	25.66	261.82	264.86	264.05	265.22	0.008119	2.66	9.63	29.26	0.59
scopiaci	6.2	Max WS	TR500_1_5H	30.20	261.82	265.66	264.26	265.72	0.001530	1.40	48.21	68.61	0.27
scopiaci	6.1			Bridge									
scopiaci	6	Max WS	TR200_1_5H	28.84	261.82	264.05	264.20	265.10	0.030174	4.54	6.35	3.78	1.12
scopiaci	6	Max WS	TR20_1_5H	17.99	261.82	263.64	263.66	264.35	0.024825	3.73	4.83	3.60	1.03
scopiaci	6	Max WS	TR30_1_5H	19.86	261.82	263.72	263.76	264.49	0.025772	3.88	5.11	3.64	1.04
scopiaci	6	Max WS	TR100_1_5H	25.66	261.82	263.94	264.05	264.90	0.028675	4.32	5.93	3.73	1.09
scopiaci	6	Max WS	TR500_1_5H	36.94	261.82	264.31	264.57	265.60	0.033788	5.05	7.32	3.88	1.17
scopiaci	5.3	Max WS	TR200_1_5H	28.84	261.82	263.91	264.19	265.16	0.038097	4.95	5.82	3.72	1.26
scopiaci	5.3	Max WS	TR20_1_5H	17.99	261.82	263.53	263.66	264.37	0.031858	4.08	4.41	3.57	1.17
scopiaci	5.3	Max WS	TR30_1_5H	19.86	261.82	263.60	263.77	264.52	0.032909	4.24	4.68	3.58	1.19
scopiaci	5.3	Max WS	TR100_1_5H	25.66	261.82	263.81	264.05	264.94	0.036305	4.72	5.44	3.67	1.24
scopiaci	5.3	Max WS	TR500_1_5H	36.92	261.82	264.15	264.57	265.69	0.042474	5.50	6.72	3.82	1.32
scopiaci	5.2	Max WS	TR200_1_5H	28.84	261.50	263.87	263.31	264.16	0.005040	2.39	12.04	10.40	0.59
scopiaci	5.2	Max WS	TR20_1_5H	17.99	261.50	263.49	262.93	263.68	0.003892	1.92	9.38	6.74	0.52
scopiaci	5.2	Max WS	TR30_1_5H	19.86	261.50	263.56	263.00	263.77	0.004107	2.01	9.88	6.84	0.53
scopiaci	5.2	Max WS	TR100_1_5H	25.66	261.50	263.77	263.21	264.03	0.004728	2.27	11.32	7.12	0.57
scopiaci	5.2	Max WS	TR500_1_5H	36.90	261.50	264.10	263.55	264.47	0.005746	2.68	13.76	15.34	0.63
scopiaci	5	Max WS	TR200_1_5H	28.84	261.46	263.75	263.48	264.17	0.008834	2.90	9.96	8.25	0.77
scopiaci	5	Max WS	TR20_1_5H	17.99	261.46	263.40	263.09	263.68	0.007073	2.35	7.66	6.35	0.68
scopiaci	5	Max WS	TR30_1_5H	19.86	261.46	263.47	263.16	263.77	0.007413	2.46	8.09	6.45	0.70
scopiaci	5	Max WS	TR100_1_5H	25.66	261.46	263.65	263.37	264.04	0.008378	2.75	9.32	6.75	0.75
scopiaci	5	Max WS	TR500_1_5H	36.90	261.46	263.97	263.73	264.49	0.009750	3.21	11.51	12.56	0.81
scopiaci	4	Max WS	TR200_1_5H	28.84	261.99	263.51	263.75	264.40	0.023743	4.18	6.90	6.92	1.28
scopiaci	4	Max WS	TR20_1_5H	17.97	261.99	263.18	263.34	263.86	0.023430	3.65	4.92	5.58	1.24
scopiaci	4	Max WS	TR30_1_5H	19.86	261.99	263.25	263.41	263.97	0.023475	3.76	5.28	5.73	1.25
scopiaci	4	Max WS	TR100_1_5H	25.66	261.99	263.42	263.63	264.26	0.023693	4.05	6.34	6.14	1.27

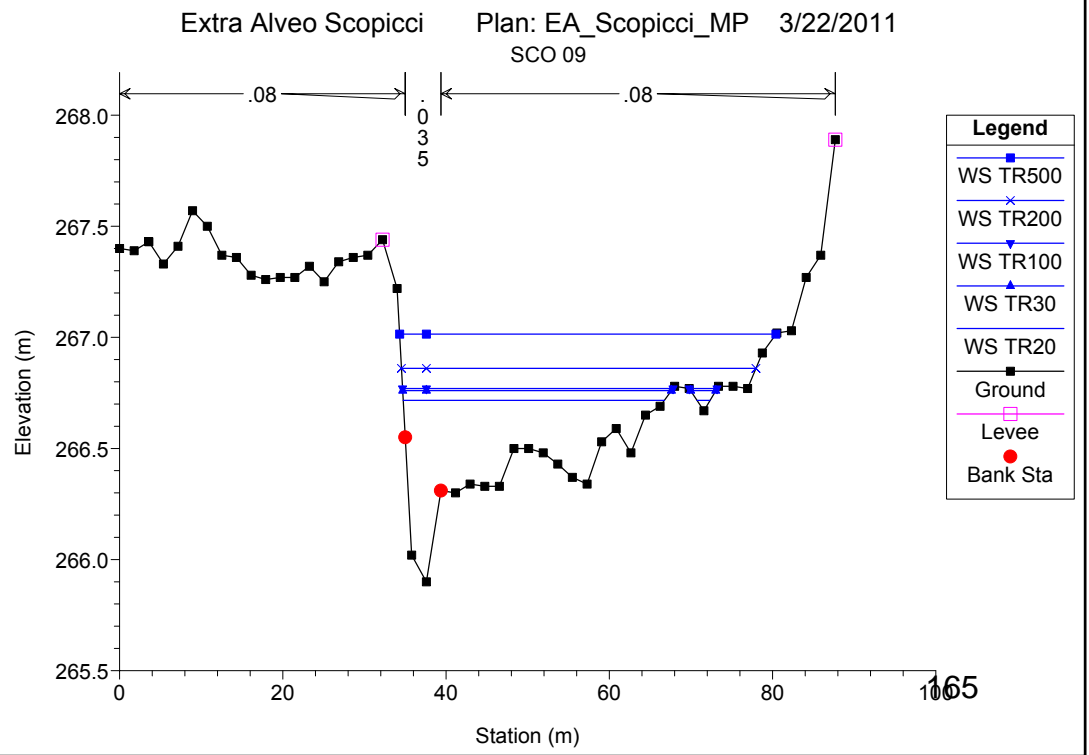
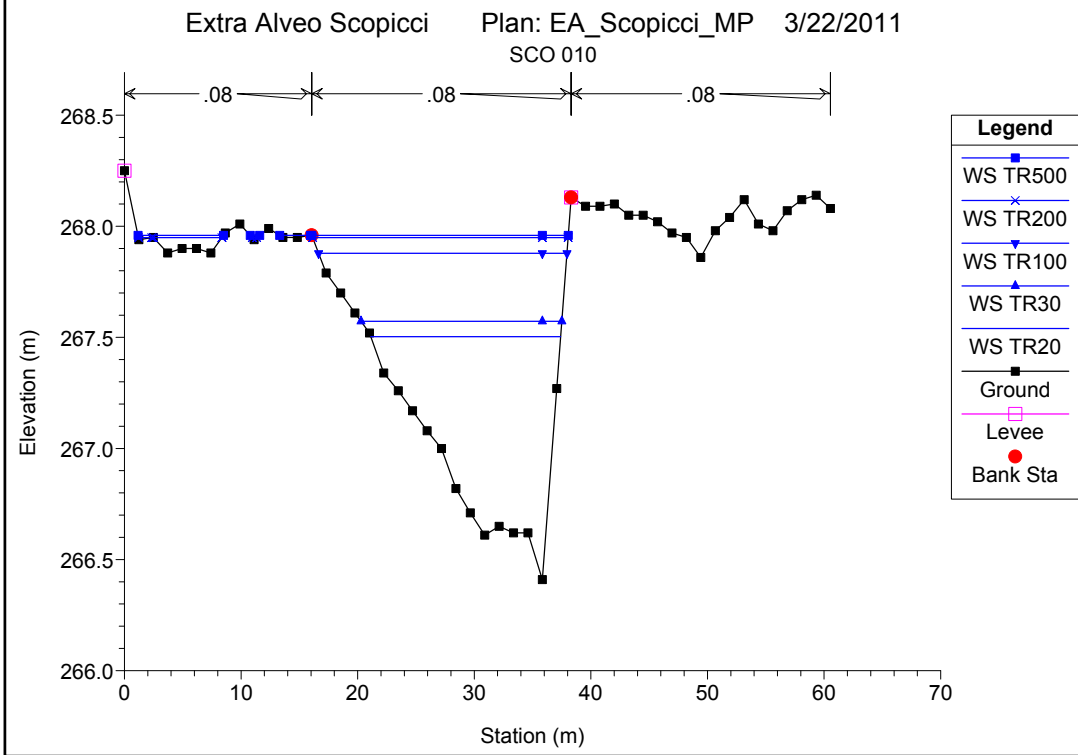
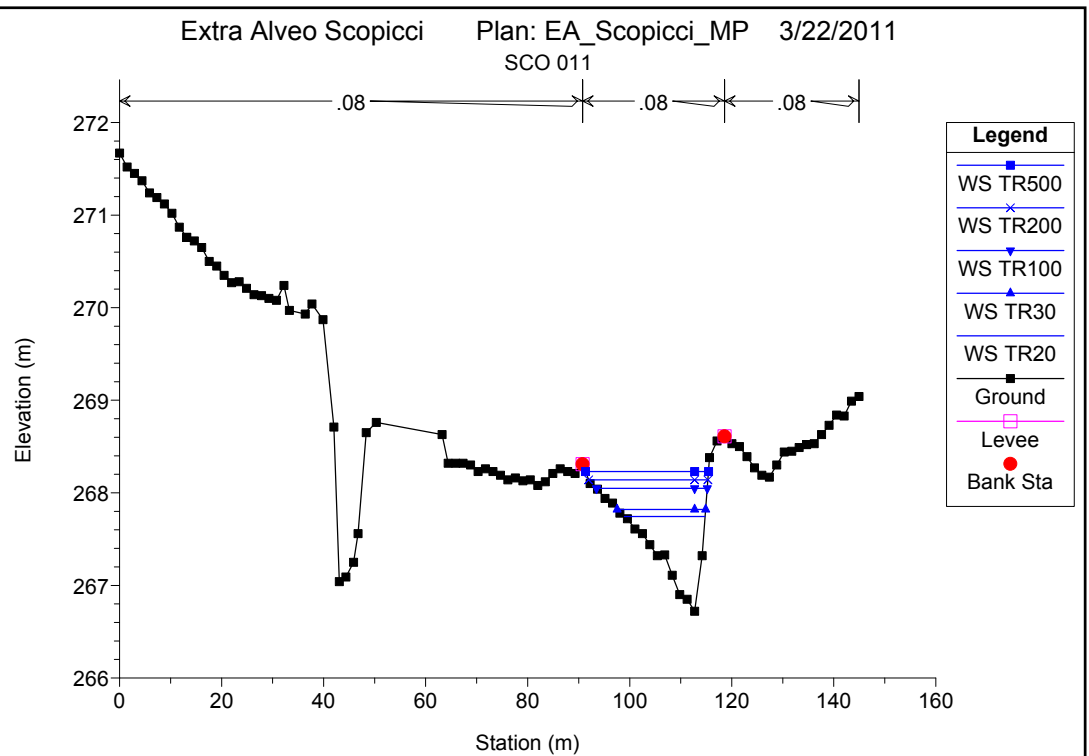
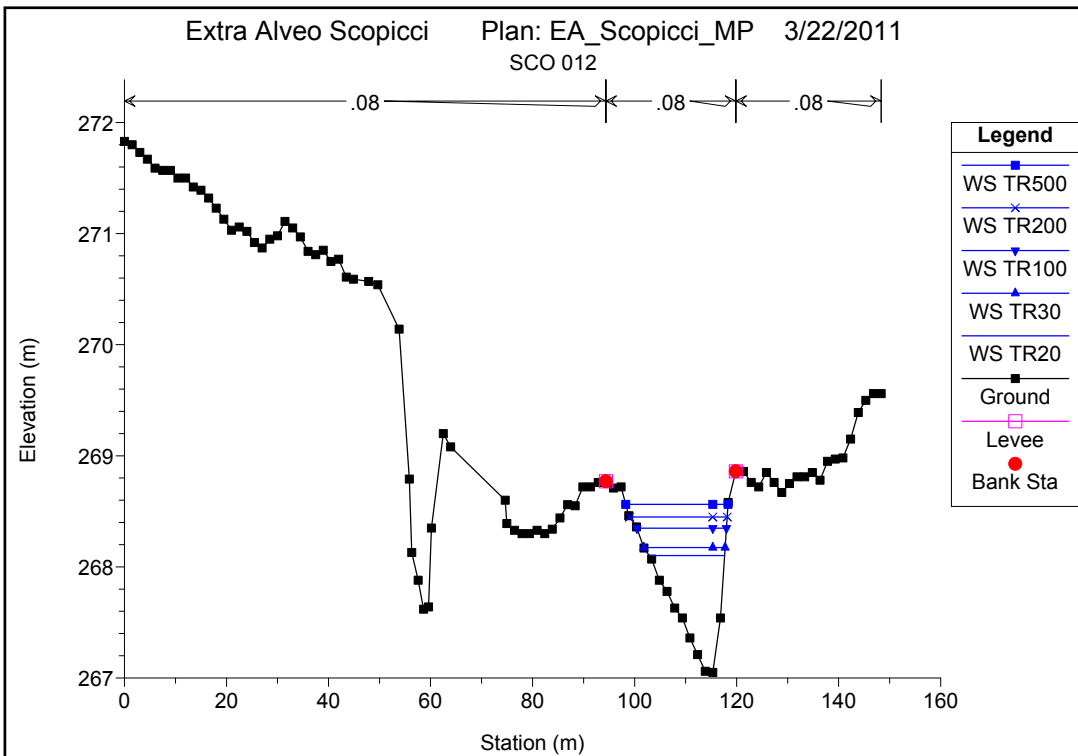
Reach	River Sta	Profile	Plan	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
scopicci	4	Max WS	TR500_1_5H	36.70	261.99	263.73	264.18	264.72	0.023888	4.42	8.30	17.97	1.30
scopicci	3	Max WS	TR200_1_5H	28.83	260.75	262.50	262.60	263.27	0.018468	3.88	7.43	6.08	1.12
scopicci	3	Max WS	TR20_1_5H	17.95	260.75	262.15	262.20	262.71	0.017230	3.32	5.40	5.45	1.07
scopicci	3	Max WS	TR30_1_5H	19.86	260.75	262.22	262.28	262.82	0.017469	3.44	5.78	5.57	1.08
scopicci	3	Max WS	TR100_1_5H	25.66	260.75	262.41	262.50	263.12	0.018135	3.74	6.87	5.92	1.11
scopicci	3	Max WS	TR500_1_5H	36.61	260.75	262.70	262.86	263.60	0.019282	4.20	8.71	6.46	1.16
scopicci	2.9			Lat Struct									
scopicci	2	Max WS	TR200_1_5H	28.75	259.97	261.54	261.66	262.23	0.017606	3.70	8.02	9.00	1.15
scopicci	2	Max WS	TR20_1_5H	17.95	259.97	261.22	261.31	261.76	0.019898	3.26	5.51	7.02	1.17
scopicci	2	Max WS	TR30_1_5H	19.86	259.97	261.28	261.38	261.86	0.019628	3.36	5.91	7.38	1.17
scopicci	2	Max WS	TR100_1_5H	25.64	259.97	261.45	261.57	262.11	0.018335	3.60	7.25	8.45	1.16
scopicci	2	Max WS	TR500_1_5H	36.54	259.97	261.72	261.87	262.51	0.016243	3.96	9.84	10.33	1.13
scopicci	1.4	Max WS	TR200_1_5H	27.46	259.01	261.07	260.71	261.41	0.005760	2.61	11.36	11.20	0.67
scopicci	1.4	Max WS	TR20_1_5H	16.64	259.01	260.79	260.32	260.99	0.004141	1.94	8.64	7.76	0.55
scopicci	1.4	Max WS	TR30_1_5H	19.82	259.01	260.82	260.45	261.08	0.005520	2.27	8.83	8.14	0.63
scopicci	1.4	Max WS	TR100_1_5H	25.04	259.01	260.97	260.63	261.30	0.006025	2.55	10.27	10.57	0.67
scopicci	1.4	Max WS	TR500_1_5H	35.14	259.01	261.26	260.96	261.69	0.006293	2.94	13.49	11.65	0.71
scopicci	1.3	Max WS	TR200_1_5H	17.42	258.99	261.32	260.30	261.37	0.001108	1.21	27.86	36.03	0.27
scopicci	1.3	Max WS	TR20_1_5H	15.08	258.99	260.88	260.20	261.03	0.003331	1.77	12.07	35.40	0.46
scopicci	1.3	Max WS	TR30_1_5H	15.35	258.99	260.98	260.21	261.09	0.002515	1.60	15.49	36.03	0.40
scopicci	1.3	Max WS	TR100_1_5H	14.75	258.99	261.21	260.19	261.26	0.001087	1.15	24.00	36.03	0.27
scopicci	1.3	Max WS	TR500_1_5H	29.38	258.99	261.48	261.07	261.59	0.002022	1.72	33.82	36.03	0.37
scopicci	1.2			Bridge									
scopicci	1.1	Max WS	TR200_1_5H	17.43	258.99	261.06	260.30	261.17	0.002468	1.64	18.46	36.03	0.40
scopicci	1.1	Max WS	TR20_1_5H	15.06	258.99	260.13	260.20	260.71	0.015765	3.39	4.44	5.01	1.11
scopicci	1.1	Max WS	TR30_1_5H	15.35	258.99	260.22	260.21	260.73	0.012101	3.15	4.87	5.05	0.99
scopicci	1.1	Max WS	TR100_1_5H	14.89	258.99	260.85	260.19	261.01	0.003554	1.80	11.07	32.68	0.47
scopicci	1.1	Max WS	TR500_1_5H	29.39	258.99	261.25	261.07	261.44	0.003876	2.20	25.30	36.03	0.51
scopicci	1.09			Lat Struct									
scopicci	1.08			Lat Struct									
scopicci	1.06			Lat Struct									
scopicci	1	Max WS	TR200_1_5H	30.45	258.24	260.77	260.07	261.03	0.003204	2.33	15.60	11.54	0.52
scopicci	1	Max WS	TR20_1_5H	15.05	258.24	260.00	259.49	260.19	0.003927	1.91	8.04	6.60	0.53
scopicci	1	Max WS	TR30_1_5H	15.47	258.24	260.23	259.50	260.37	0.002443	1.67	9.84	9.59	0.43
scopicci	1	Max WS	TR100_1_5H	25.87	258.24	260.61	259.93	260.84	0.003053	2.16	13.90	10.73	0.50
scopicci	1	Max WS	TR500_1_5H	76.64	258.24	261.10	261.35	262.21	0.011450	4.87	21.90	20.64	1.00
scopicci	0.5	Max WS	TR200_1_5H	30.56	257.89	260.83	259.74	260.99	0.001577	1.85	23.63	20.64	0.37
scopicci	0.5	Max WS	TR20_1_5H	15.05	257.89	260.05	259.14	260.15	0.001579	1.44	11.63	10.48	0.35
scopicci	0.5	Max WS	TR30_1_5H	15.47	257.89	260.26	259.15	260.34	0.001098	1.30	13.87	10.73	0.30
scopicci	0.5	Max WS	TR100_1_5H	25.87	257.89	260.66	259.58	260.81	0.001514	1.73	20.16	20.64	0.36
scopicci	0.5	Max WS	TR500_1_5H	76.16	257.89	261.01	260.99	261.79	0.007383	4.18	27.19	20.64	0.82



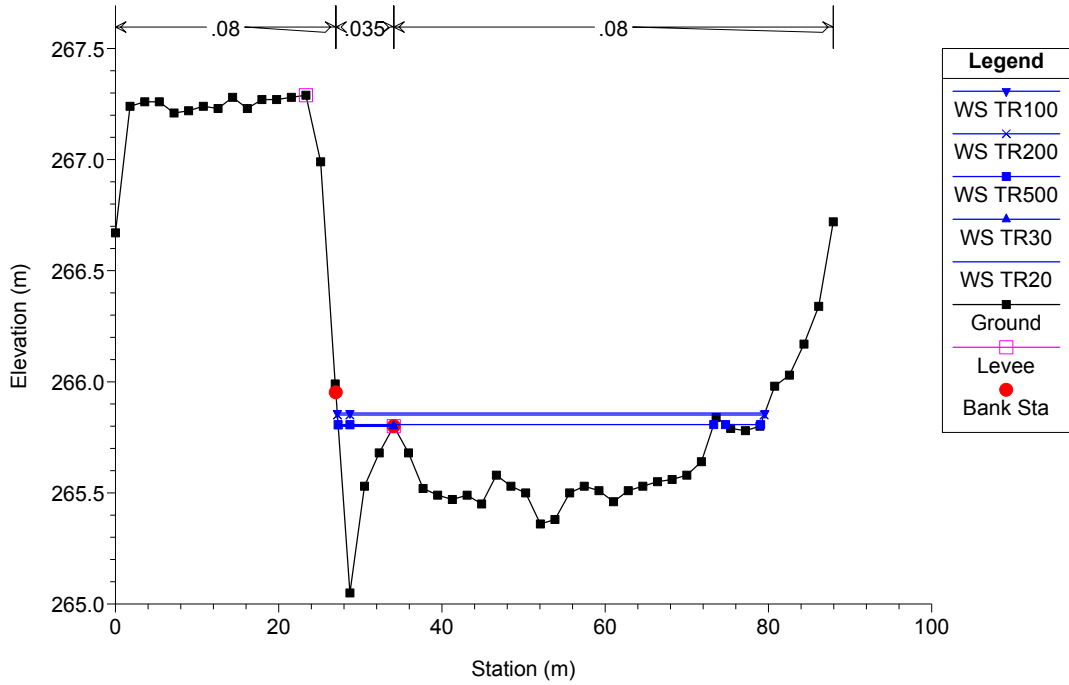
**Legend**

- WS TR500
- WS TR200
- WS TR100
- WS TR30
- WS TR20
- Ground
- Left Levee
- Right Levee

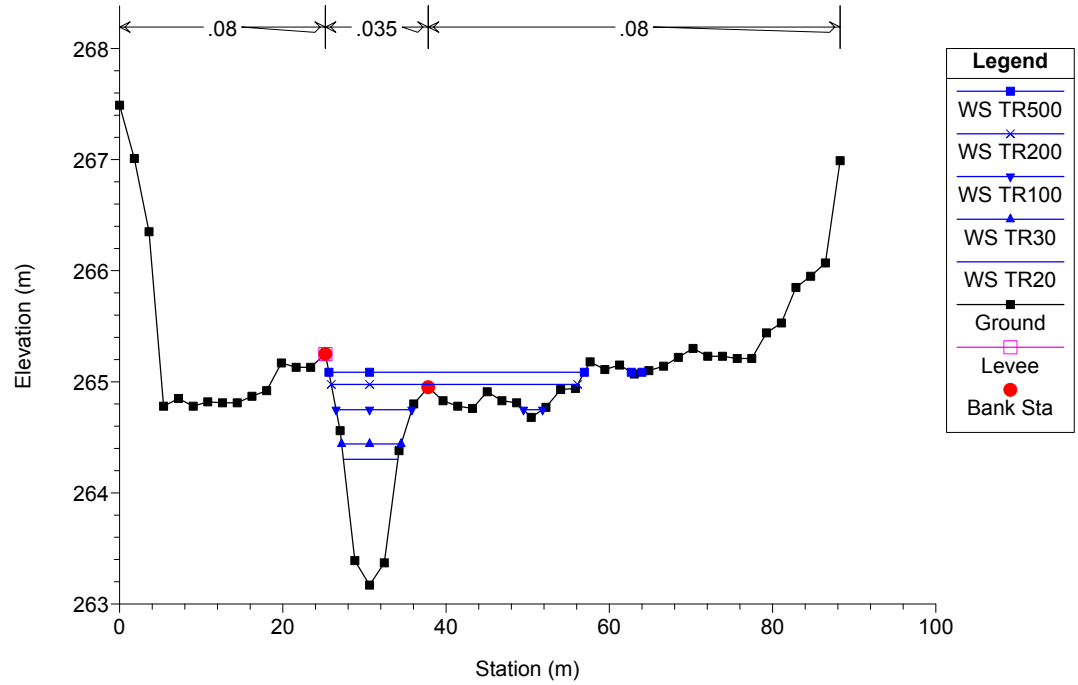
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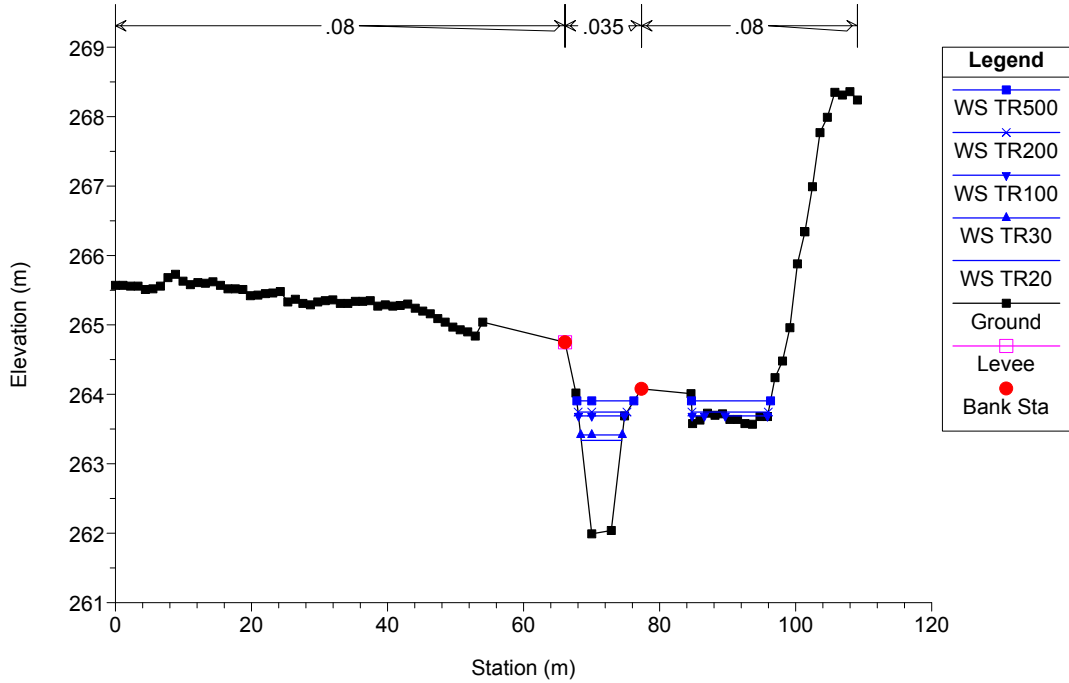
Extra Alveo Scopicci Plan: EA\_Scopicci\_MP 3/22/2011  
SCO 08



Extra Alveo Scopicci Plan: EA\_Scopicci\_MP 3/22/2011  
SCO 07



Extra Alveo Scopicci Plan: EA\_Scopicci\_MP 3/22/2011  
SCO 06





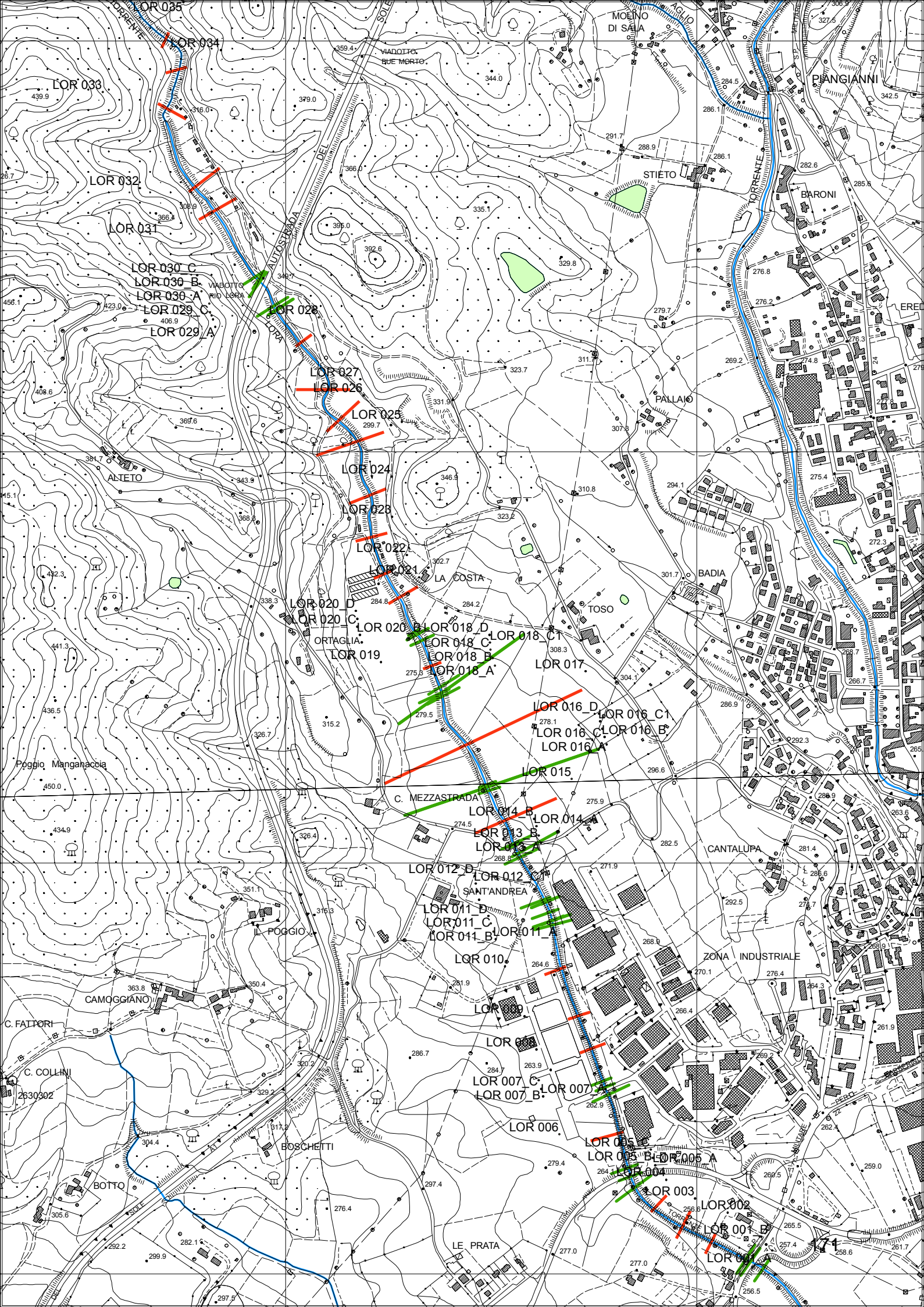
Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
EA_Scopicci_01	12	TR20	10.00	267.05	268.10	267.82	268.17	0.018092	1.16	8.63	14.78	0.48
EA_Scopicci_01	12	TR30	11.90	267.05	268.17	267.88	268.25	0.018957	1.22	9.74	15.93	0.50
EA_Scopicci_01	12	TR100	17.70	267.05	268.35	268.03	268.45	0.020012	1.40	12.65	17.56	0.53
EA_Scopicci_01	12	TR200	21.60	267.05	268.45	268.12	268.56	0.021216	1.49	14.49	19.13	0.55
EA_Scopicci_01	12	TR500	27.40	267.05	268.56	268.24	268.70	0.022494	1.64	16.74	20.06	0.57
EA_Scopicci_01	11	TR20	10.00	266.72	267.74	267.56	267.83	0.030505	1.32	7.58	15.84	0.61
EA_Scopicci_01	11	TR30	11.90	266.72	267.82	267.63	267.91	0.029284	1.35	8.83	17.33	0.60
EA_Scopicci_01	11	TR100	17.70	266.72	268.05	267.78	268.14	0.022431	1.33	13.28	21.70	0.54
EA_Scopicci_01	11	TR200	21.60	266.72	268.14	267.86	268.24	0.022725	1.41	15.36	23.36	0.55
EA_Scopicci_01	11	TR500	27.40	266.72	268.23	267.97	268.35	0.024678	1.56	17.51	24.12	0.59
EA_Scopicci_01	10	TR20	10.00	266.41	267.50	267.18	267.56	0.013791	1.03	9.75	16.28	0.42
EA_Scopicci_01	10	TR30	11.90	266.41	267.57	267.24	267.63	0.014470	1.09	10.91	17.22	0.44
EA_Scopicci_01	10	TR100	17.70	266.41	267.88	267.38	267.93	0.009952	1.05	16.86	21.29	0.38
EA_Scopicci_01	10	TR200	21.60	266.41	267.95	267.46	268.02	0.011506	1.17	18.67	29.28	0.41
EA_Scopicci_01	10	TR500	27.40	266.41	267.96	267.58	268.07	0.017849	1.47	18.99	32.79	0.51
EA_Scopicci_01	9	TR20	10.00	265.90	266.72	266.72	266.87	0.011014	2.15	10.16	33.60	0.86
EA_Scopicci_01	9	TR30	11.90	265.90	266.76	266.76	266.92	0.011266	2.28	11.67	36.00	0.88
EA_Scopicci_01	9	TR100	17.70	265.90	266.77	266.77	267.10	0.023293	3.30	12.01	36.53	1.27
EA_Scopicci_01	9	TR200	21.60	265.90	266.86	266.77	267.17	0.019939	3.32	15.86	43.42	1.20
EA_Scopicci_01	9	TR500	27.40	265.90	267.01	267.01	267.23	0.012541	2.97	22.73	46.11	0.98
EA_Scopicci_01	8	TR20	10.00	265.05	265.80	265.80	265.85	0.015972	1.51	12.66	49.89	0.91
EA_Scopicci_01	8	TR30	11.90	265.05	265.80	265.80	265.87	0.022619	1.79	12.66	49.89	1.08
EA_Scopicci_01	8	TR100	17.70	265.05	265.86	265.82	265.97	0.028307	2.26	15.72	52.38	1.25
EA_Scopicci_01	8	TR200	21.60	265.05	265.85	265.83	266.02	0.046455	2.84	15.24	52.28	1.59
EA_Scopicci_01	8	TR500	27.40	265.05	265.81	265.92	266.16	0.109606	4.02	13.04	50.33	2.39
EA_Scopicci_01	7	TR20	18.00	263.17	264.30	264.46	264.93	0.023859	3.51	5.12	6.68	1.28
EA_Scopicci_01	7	TR30	19.90	263.17	264.44	264.54	264.99	0.018527	3.27	6.09	7.29	1.14
EA_Scopicci_01	7	TR100	25.70	263.17	264.75	264.75	265.20	0.013218	2.98	8.71	11.63	0.99
EA_Scopicci_01	7	TR200	29.60	263.17	264.98	264.98	265.31	0.009917	2.60	13.78	30.19	0.86
EA_Scopicci_01	7	TR500	35.40	263.17	265.09	265.09	265.43	0.009394	2.68	17.15	32.60	0.85
EA_Scopicci_01	6	TR20	18.00	261.99	263.34	263.34	263.82	0.014760	3.09	5.82	5.94	1.00
EA_Scopicci_01	6	TR30	19.90	261.99	263.42	263.42	263.93	0.014572	3.16	6.29	6.12	1.00
EA_Scopicci_01	6	TR100	25.70	261.99	263.69	263.78	264.20	0.012251	3.18	8.54	14.79	0.93
EA_Scopicci_01	6	TR200	29.60	261.99	263.75	263.92	264.35	0.014716	3.47	9.49	18.41	1.02
EA_Scopicci_01	6	TR500	35.40	261.99	263.91	264.01	264.49	0.014893	3.48	12.56	20.01	1.03

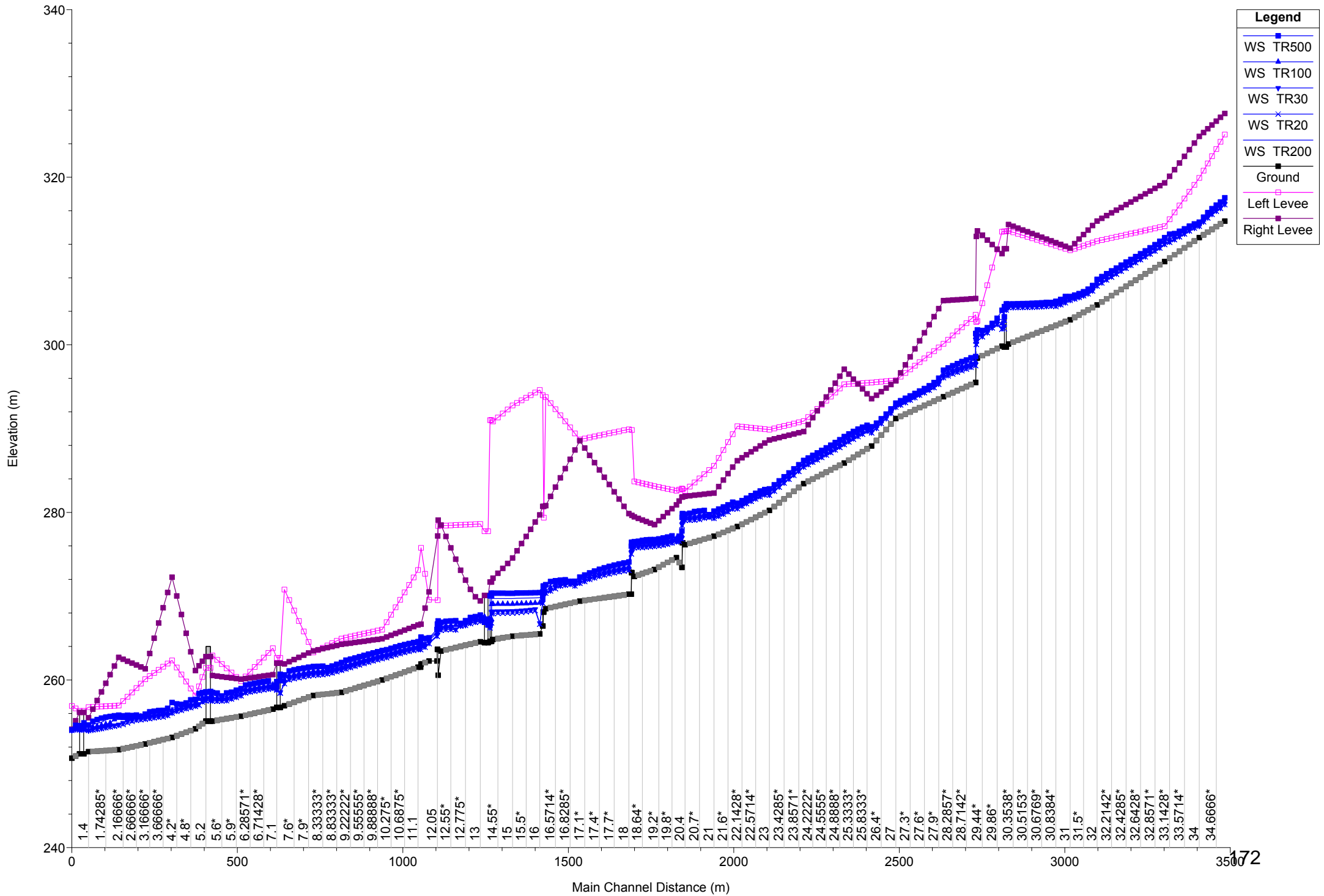
## **AREE DI POTENZIALE ESONDAZIONE T.SIEVE**

HEC-RAS Profile: Max WS

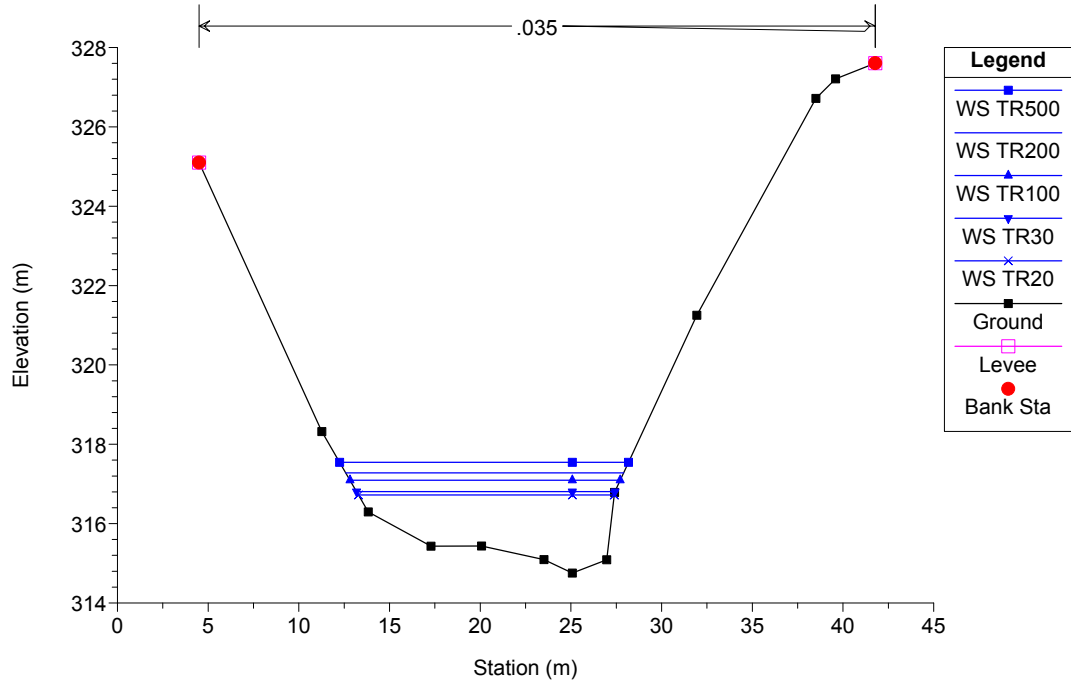
Storage Area	Profile	Plan	W.S. Elev (m)	SA Min El (m)	Net Flux (m3/s)	SA Area (1000 m2)	SA Volume (1000 m3)
APE1	Max WS	TR200_2H	261.06	256.61	1.10	10.56	9.27
APE1	Max WS	TR200_1_5H	261.04	256.61	0.41	10.56	9.04
APE1	Max WS	TR20_1_5H	257.67	256.61	0.13	0.24	0.12
APE1	Max WS	TR20_2H	257.81	256.61	0.13	0.24	0.16
APE1	Max WS	TR30_1_5H	258.82	256.61	0.34	0.46	0.49
APE1	Max WS	TR30_2H	259.10	256.61	0.40	0.46	0.63
APE1	Max WS	TR100_1_5H	260.63	256.61	2.38	10.56	4.72
APE1	Max WS	TR100_2H	260.77	256.61	2.85	10.56	6.13
APE1	Max WS	TR500_1_5H	261.15	256.61	2.14	13.48	10.30
APE1	Max WS	TR500_2H	261.16	256.61	0.57	13.48	10.47
APE2	Max WS	TR200_2H	261.18	257.28	1.12	10.90	14.47
APE2	Max WS	TR200_1_5H	261.16	257.28	13.89	10.90	14.17
APE2	Max WS	TR20_1_5H	260.34	257.28	1.80	10.08	5.68
APE2	Max WS	TR20_2H	260.45	257.28	2.36	10.08	6.79
APE2	Max WS	TR30_1_5H	260.60	257.28	1.51	10.08	8.29
APE2	Max WS	TR30_2H	260.67	257.28	1.13	10.08	8.94
APE2	Max WS	TR100_1_5H	261.01	257.28	1.92	10.90	12.56
APE2	Max WS	TR100_2H	261.03	257.28	0.50	10.90	12.84
APE2	Max WS	TR500_1_5H	261.35	257.28	27.35	14.49	16.52
APE2	Max WS	TR500_2H	261.37	257.28	5.96	14.49	16.87
APE4	Max WS	TR200_2H	250.00	250.00	0.00	1000.00	0.00
APE4	Max WS	TR200_1_5H	250.00	250.00	0.00	1000.00	0.00
APE4	Max WS	TR20_1_5H	250.00	250.00	0.00	1000.00	0.00
APE4	Max WS	TR20_2H	250.00	250.00	0.00	1000.00	0.00
APE4	Max WS	TR30_1_5H	250.00	250.00	0.00	1000.00	0.00
APE4	Max WS	TR30_2H	250.00	250.00	0.00	1000.00	0.00
APE4	Max WS	TR100_1_5H	250.00	250.00	0.00	1000.00	0.00
APE4	Max WS	TR100_2H	250.00	250.00	0.00	1000.00	0.00
APE4	Max WS	TR500_1_5H	250.00	250.00	0.00	1000.00	0.00
APE4	Max WS	TR500_2H	250.00	250.00	0.00	1000.00	0.00

## TORRENTE LORA

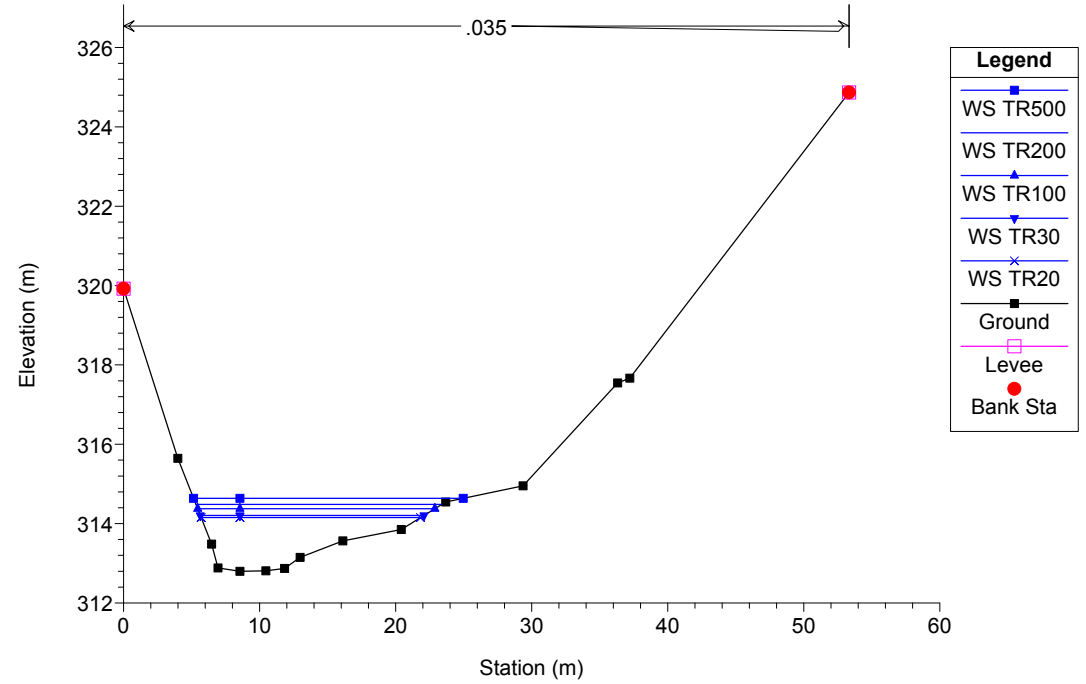




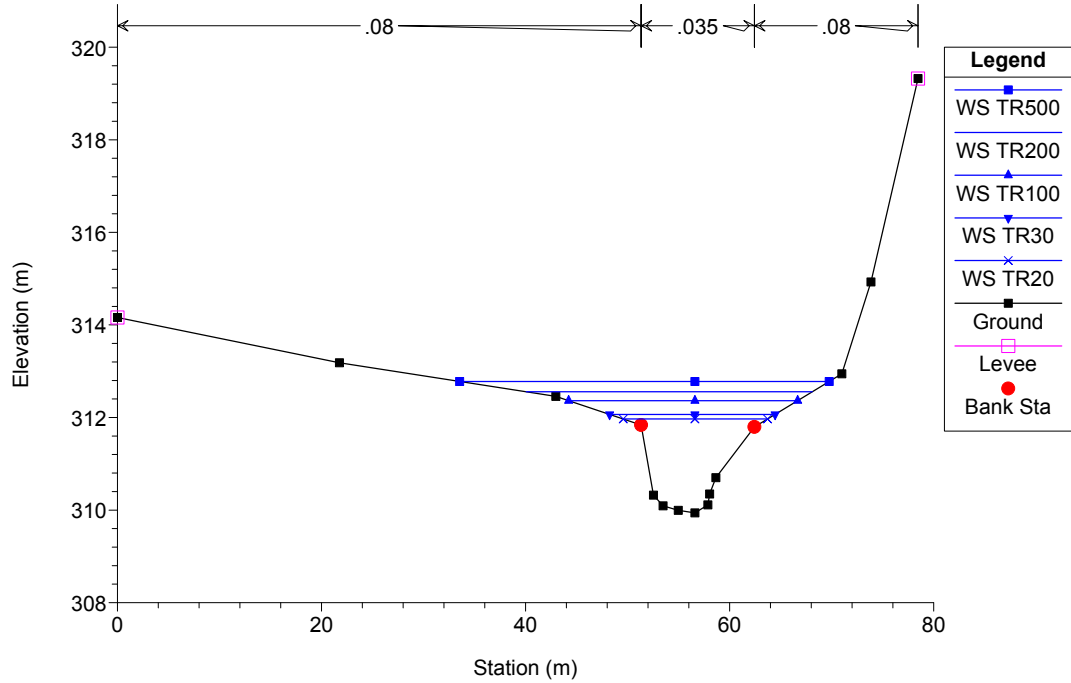
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LOR035



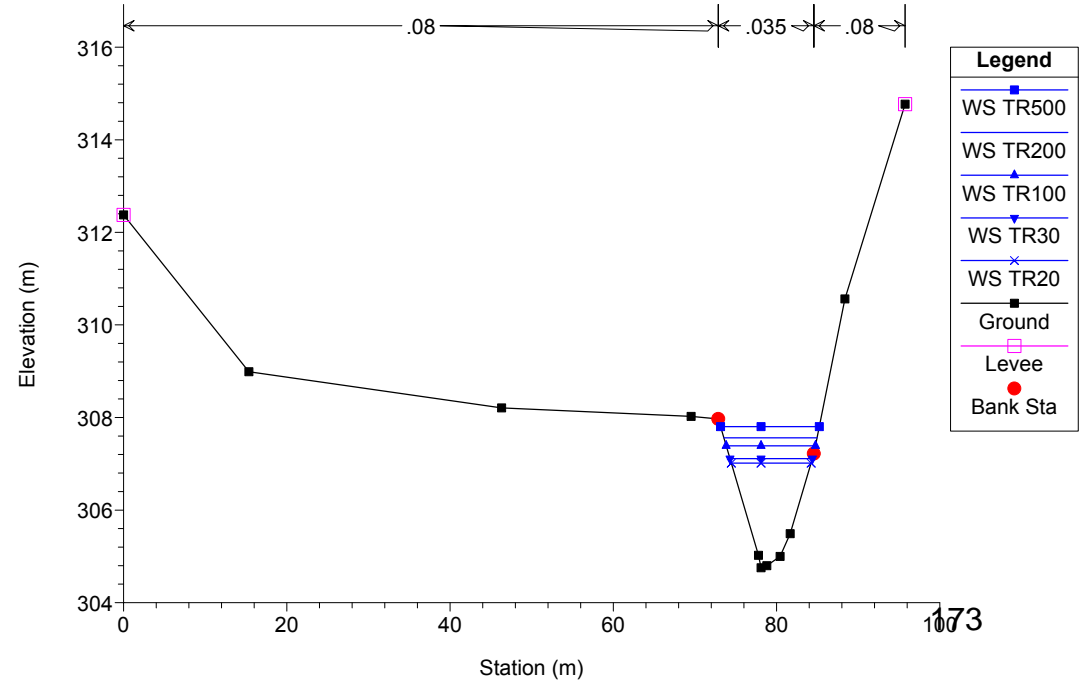
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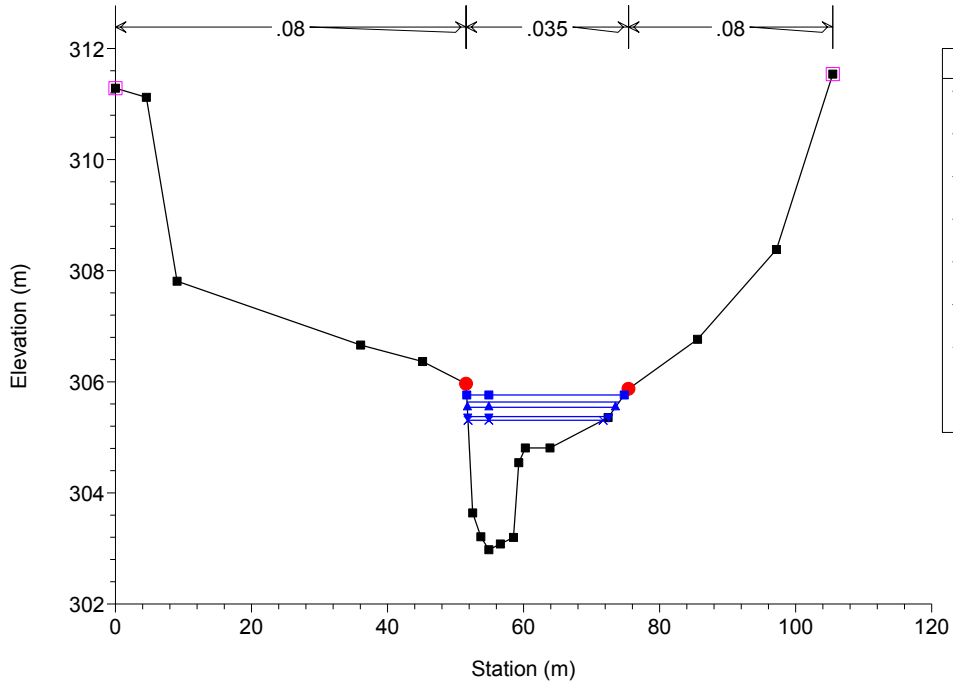
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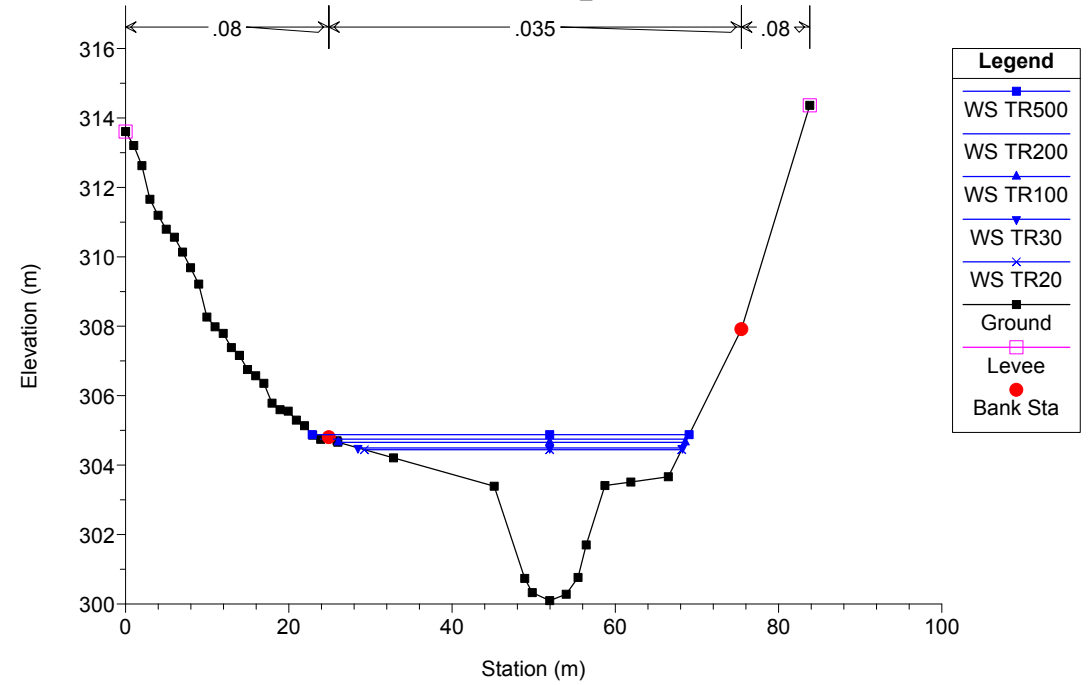
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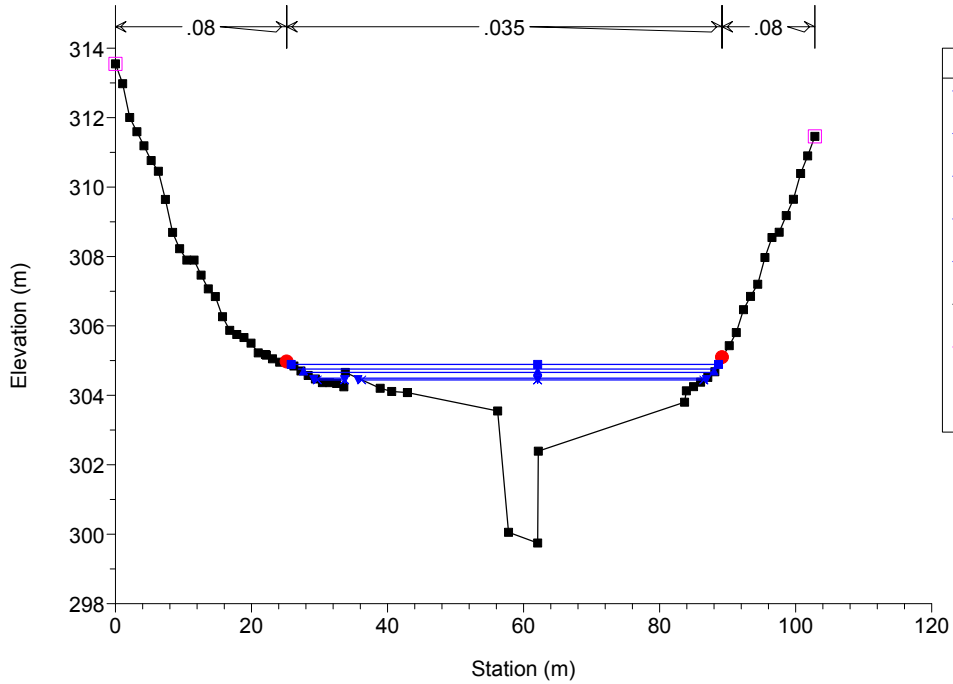
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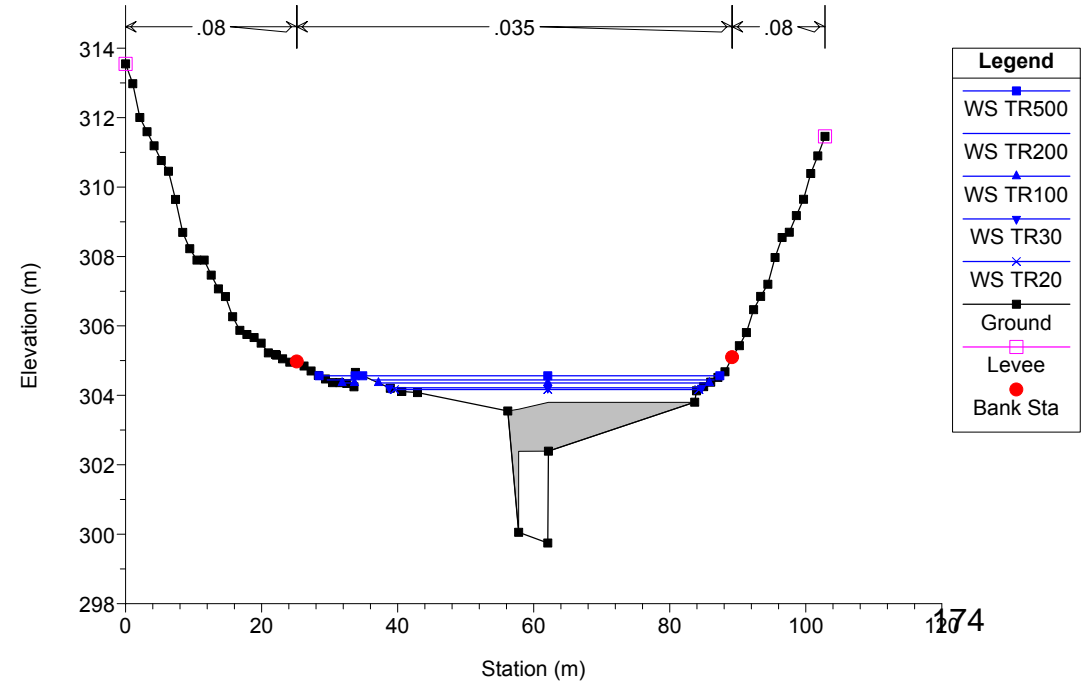
Lora Plan: Lora\_permanente 2/22/2011  
LOR030\_C



Lora Plan: Lora\_permanente 2/22/2011  
LOR030\_B monte ponte

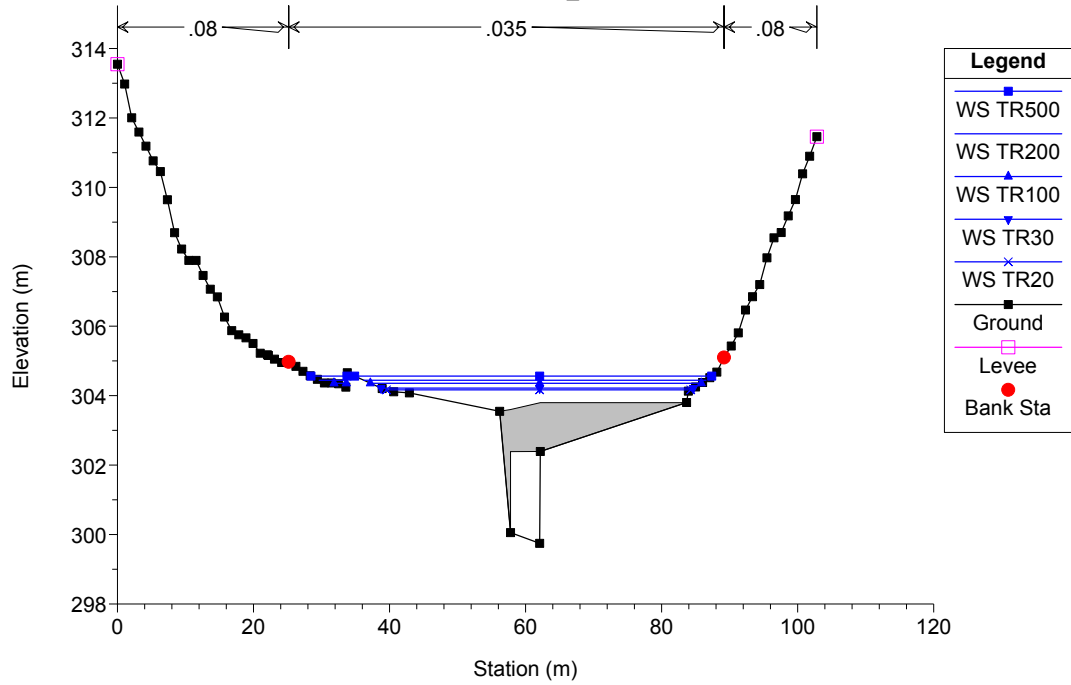


Lora Plan: Lora\_permanente 2/22/2011  
LOR30\_B

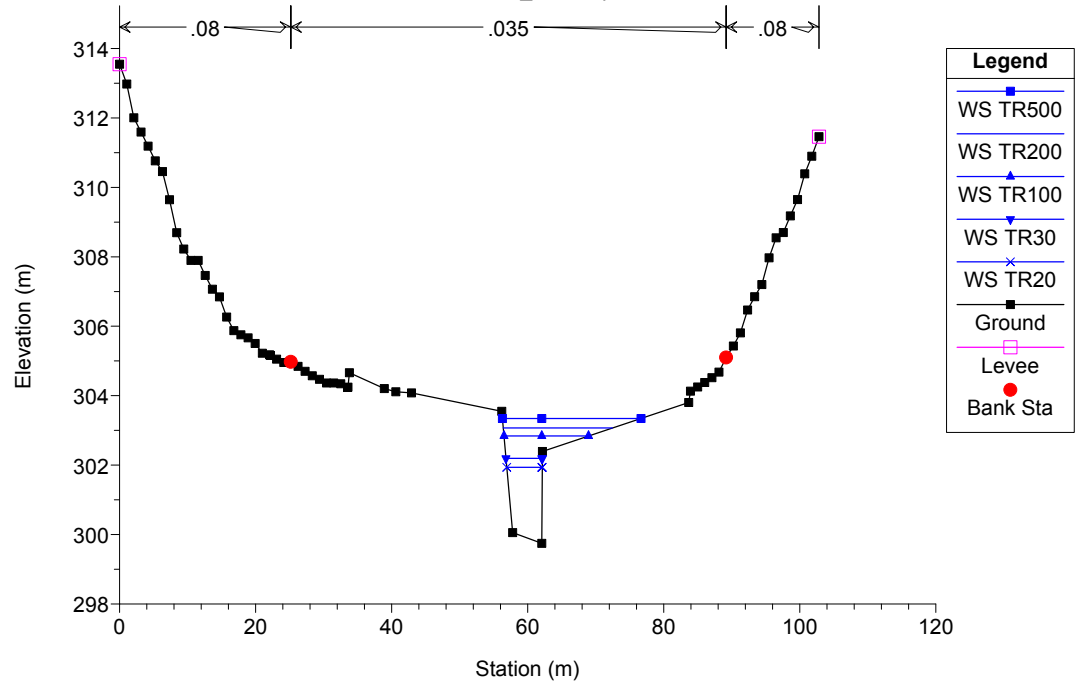




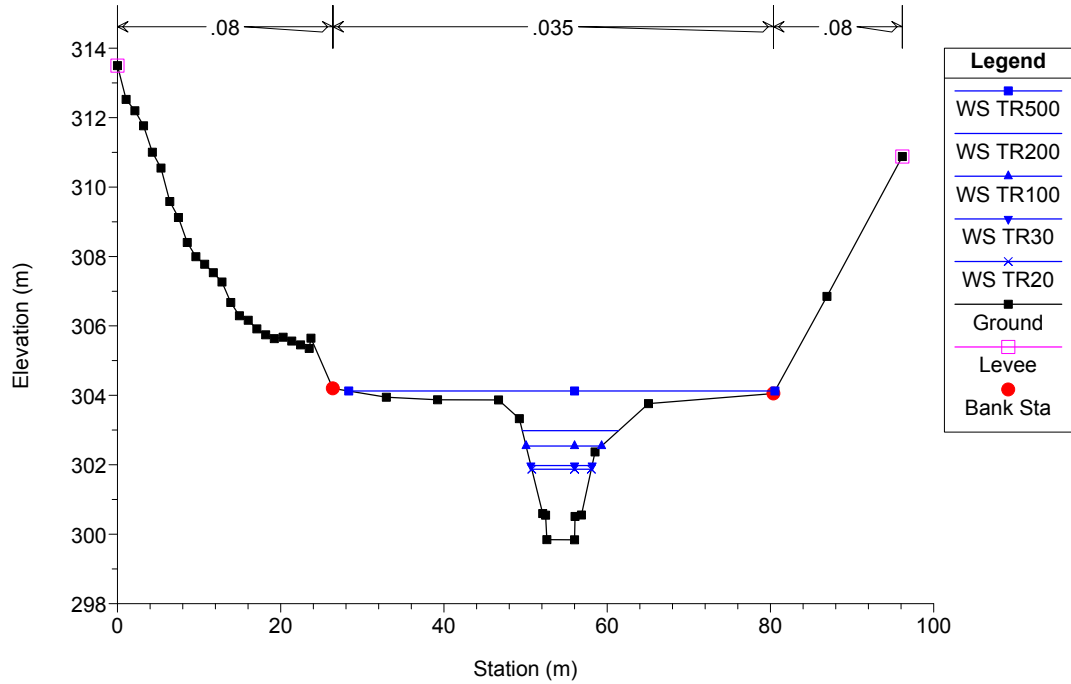
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LOR30\_B



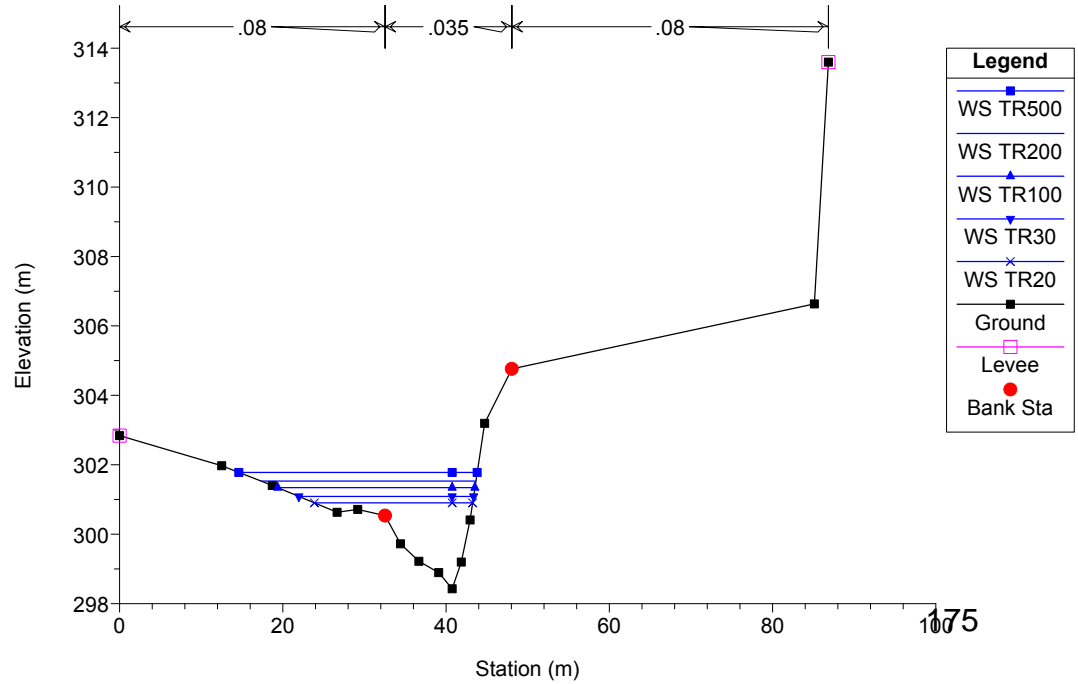
Lora Plan: Lora\_permanente 2/22/2011  
LOR030\_B valle ponte



Lora Plan: Lora\_permanente 2/22/2011  
LOR030\_A

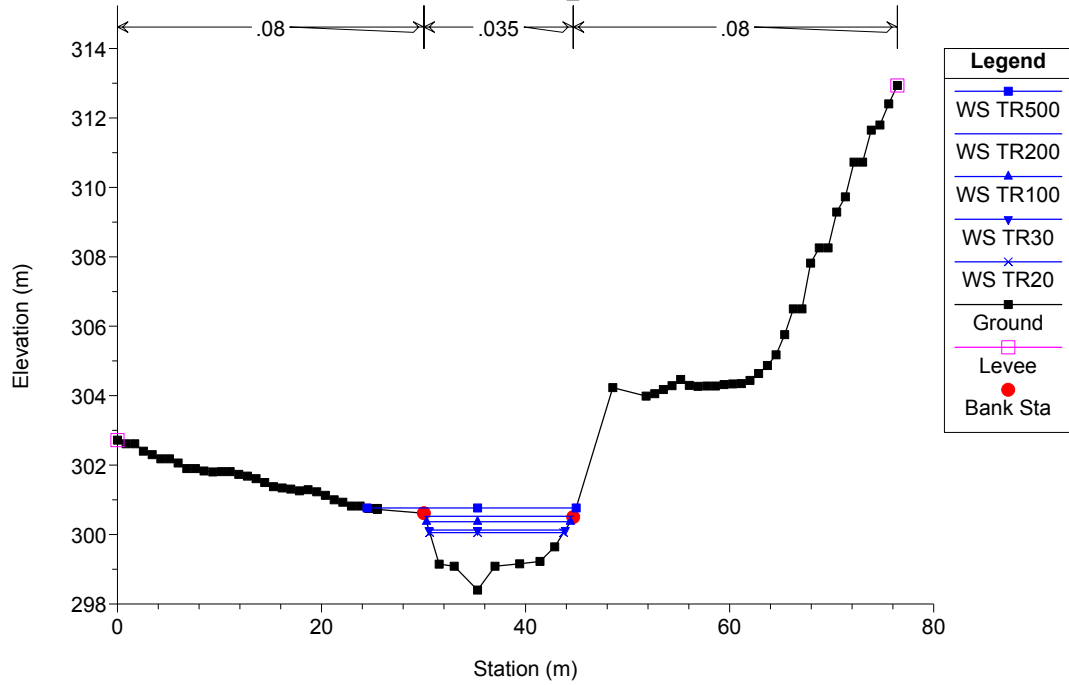


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LOR029\_C



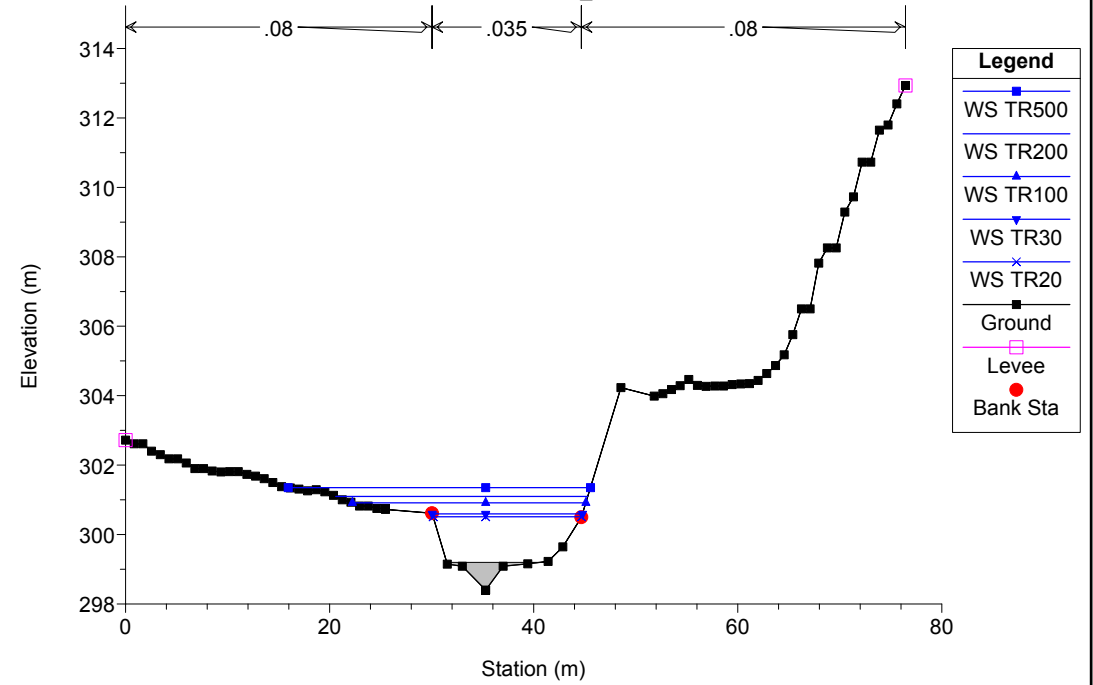
Lora Plan: Lora\_permanente 2/22/2011

LOR029\_B1



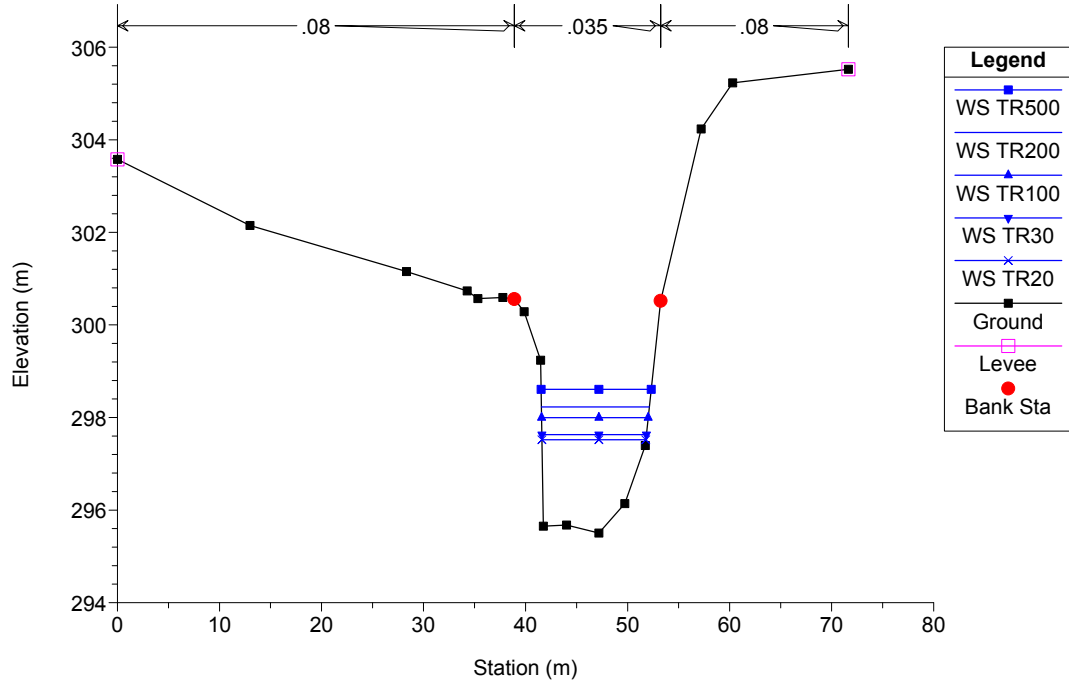
Lora Plan: Lora\_permanente 2/22/2011

LOR029\_C



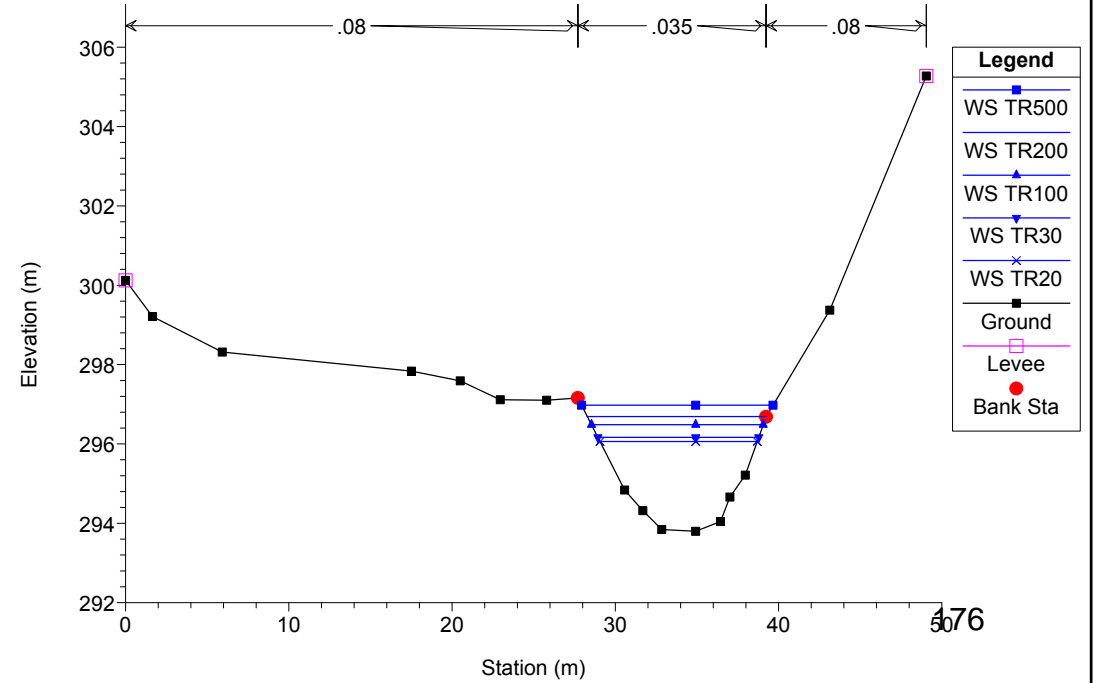
Lora Plan: Lora\_permanente 2/22/2011

LOR029\_A

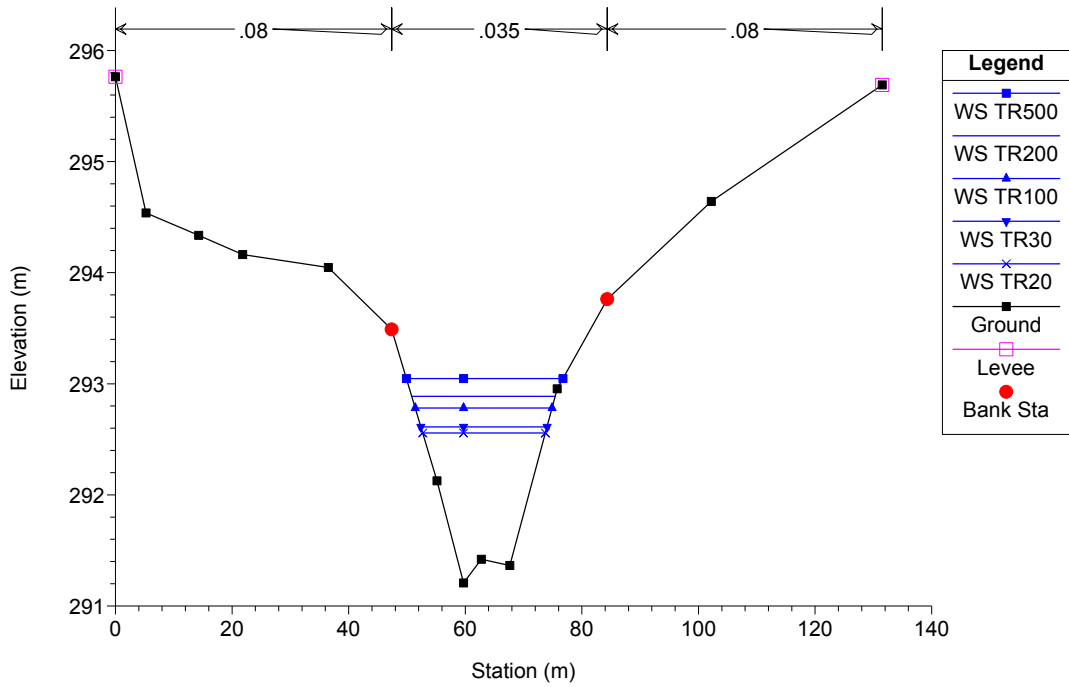


Lora Plan: Lora\_permanente 2/22/2011

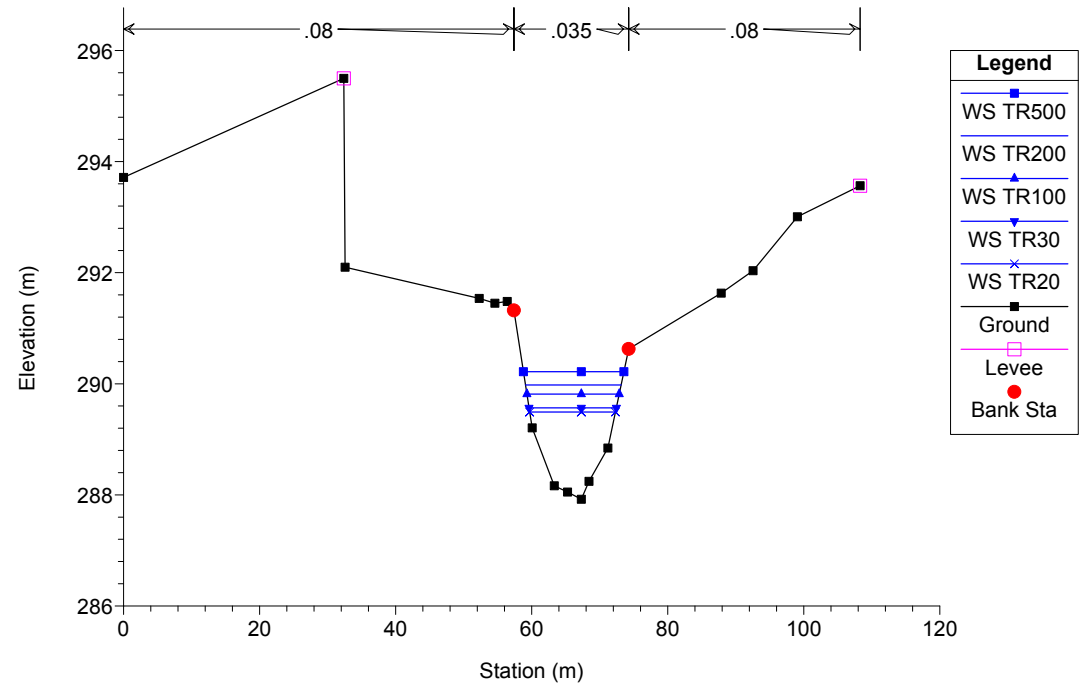
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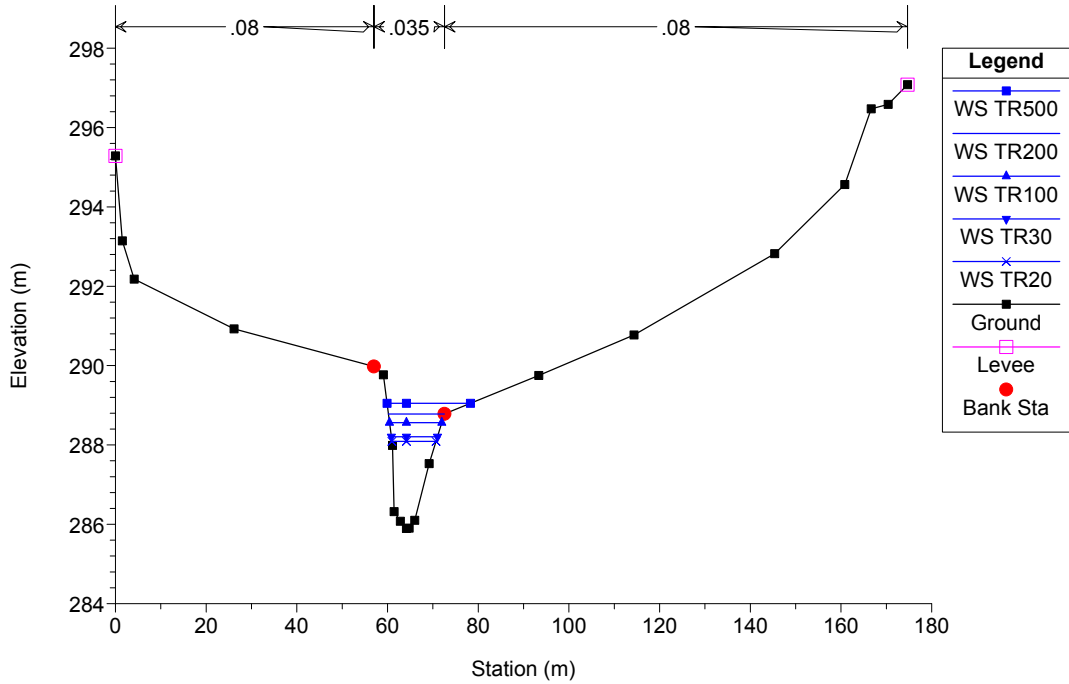
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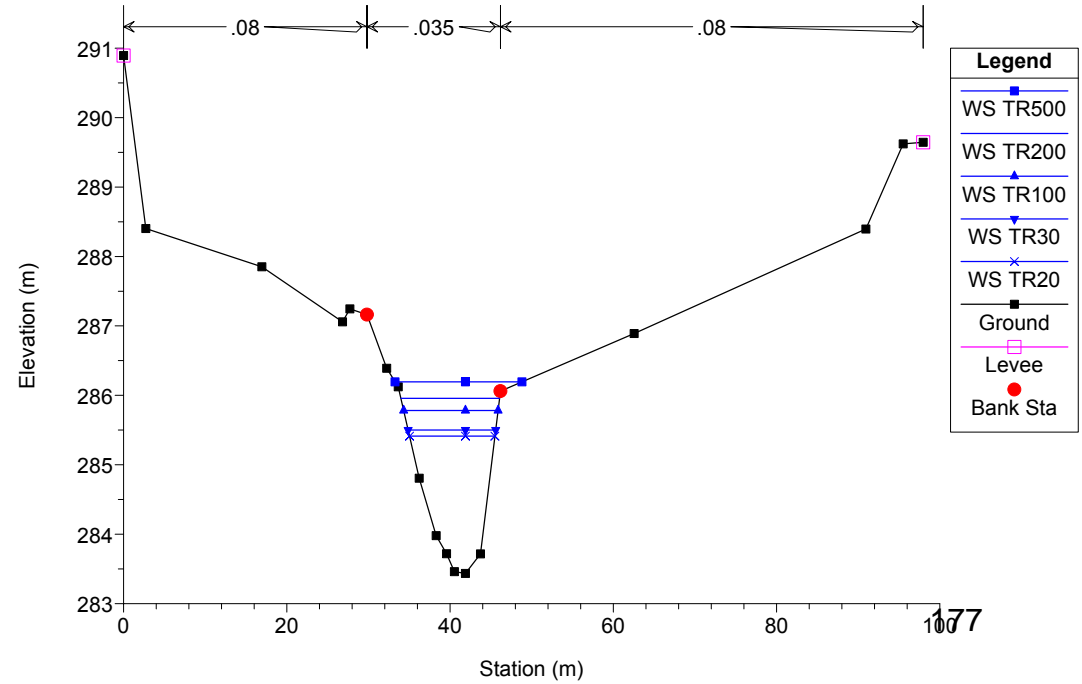
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LOR026



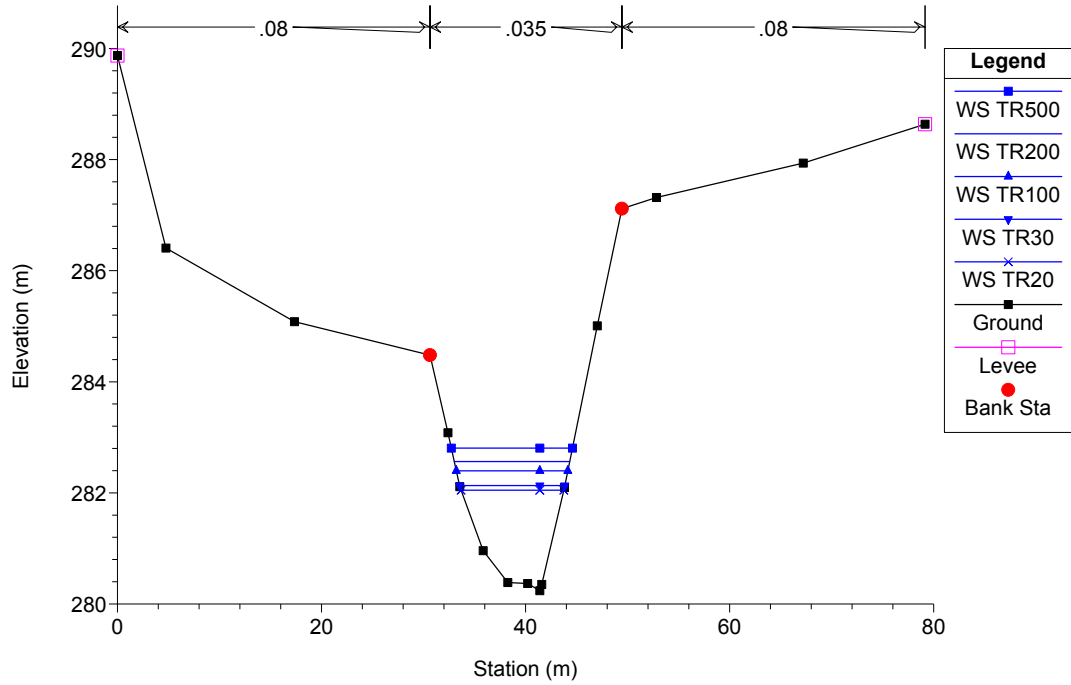
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LOR025



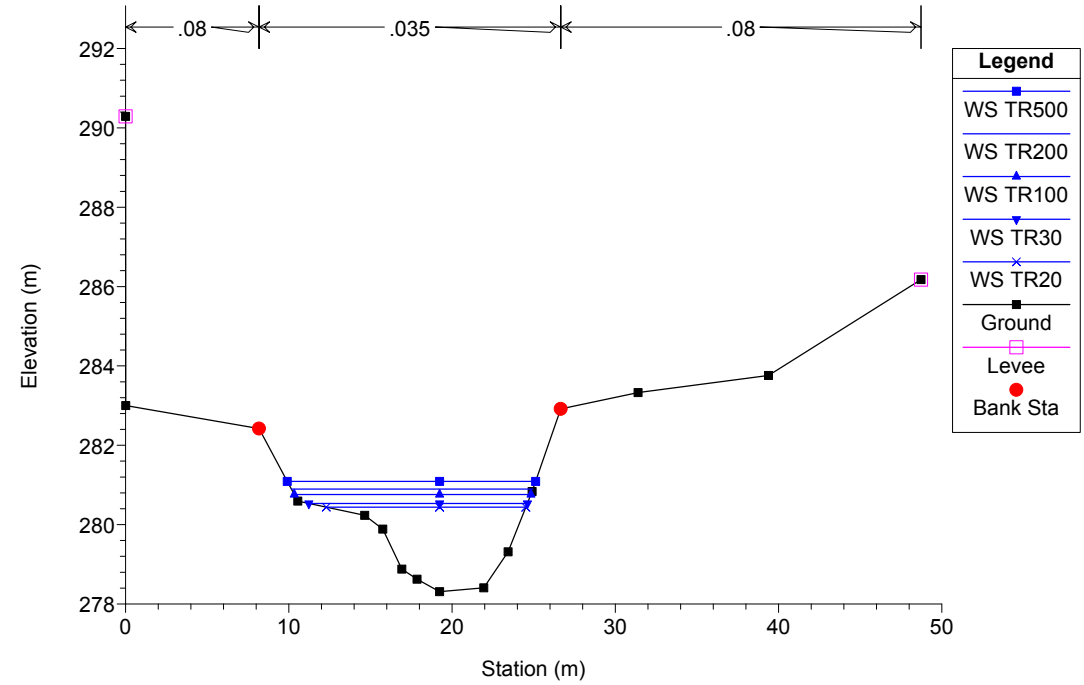
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LOR024



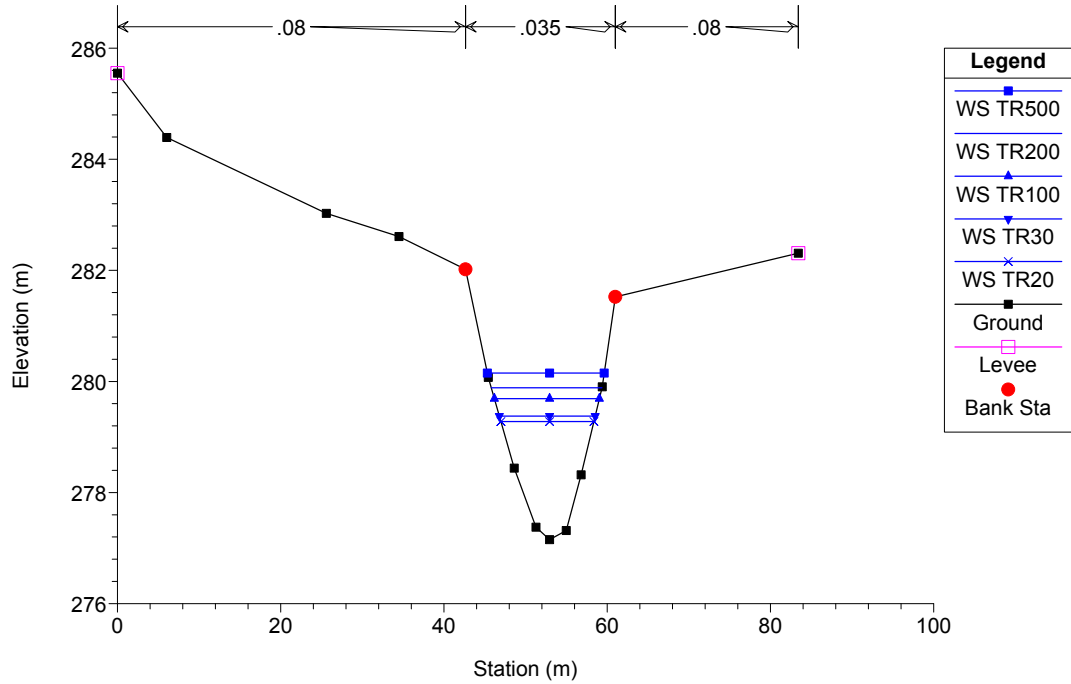
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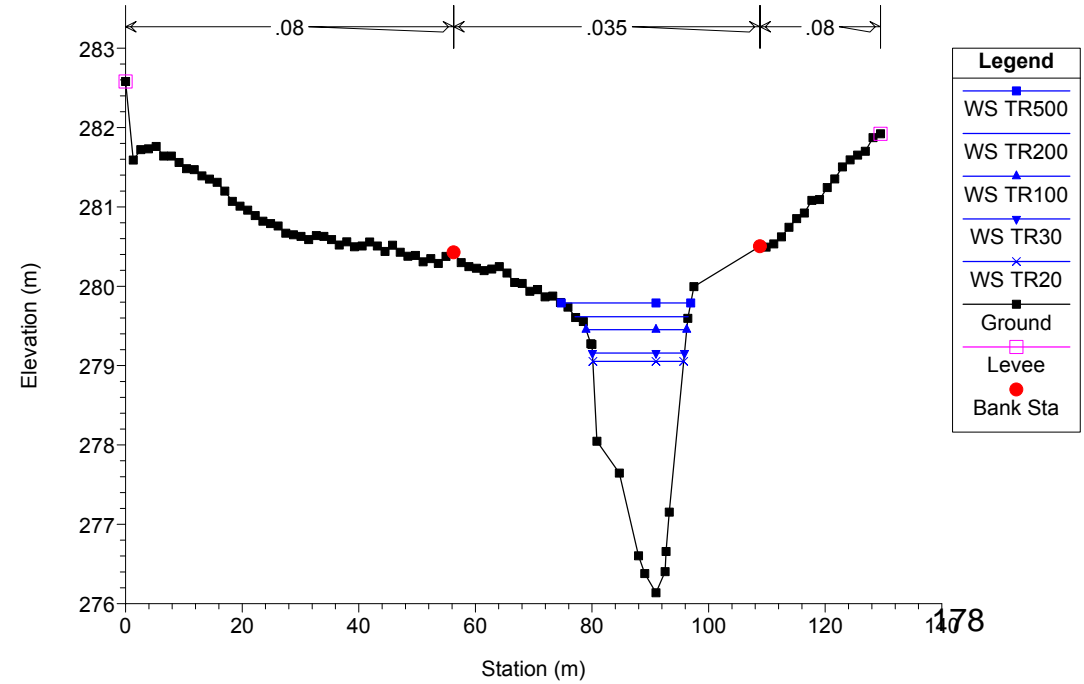
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LOR022



Lora Plan: Lora\_permanente 2/22/2011  
LOR021

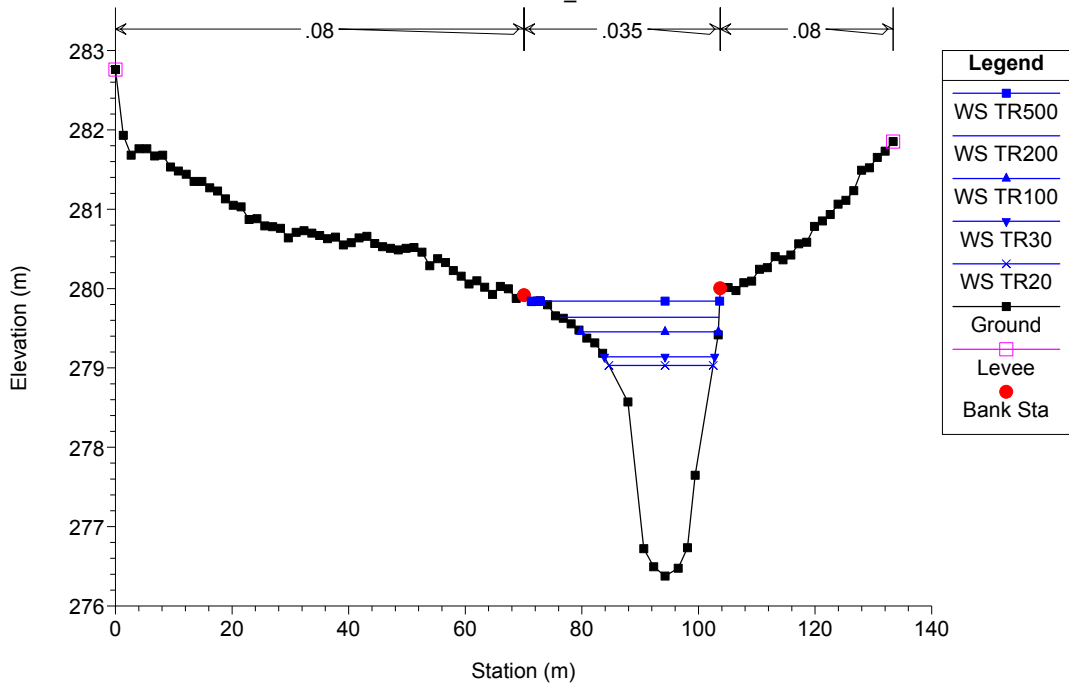


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LOR020\_D



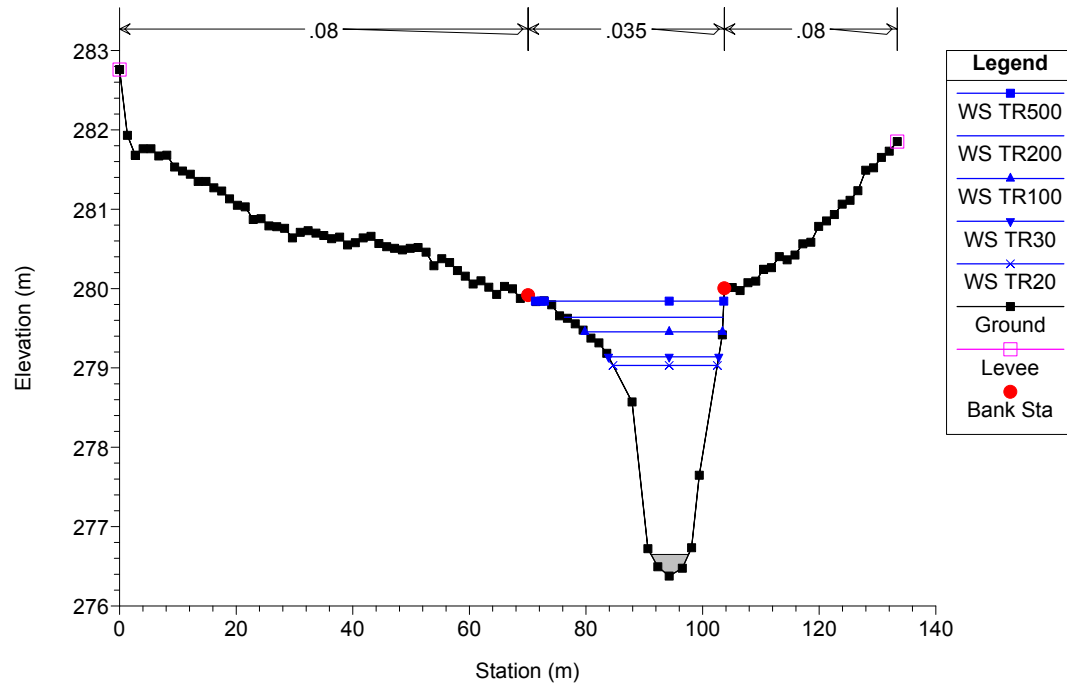
Lora Plan: Lora\_permanente 2/22/2011

LOR020\_C1



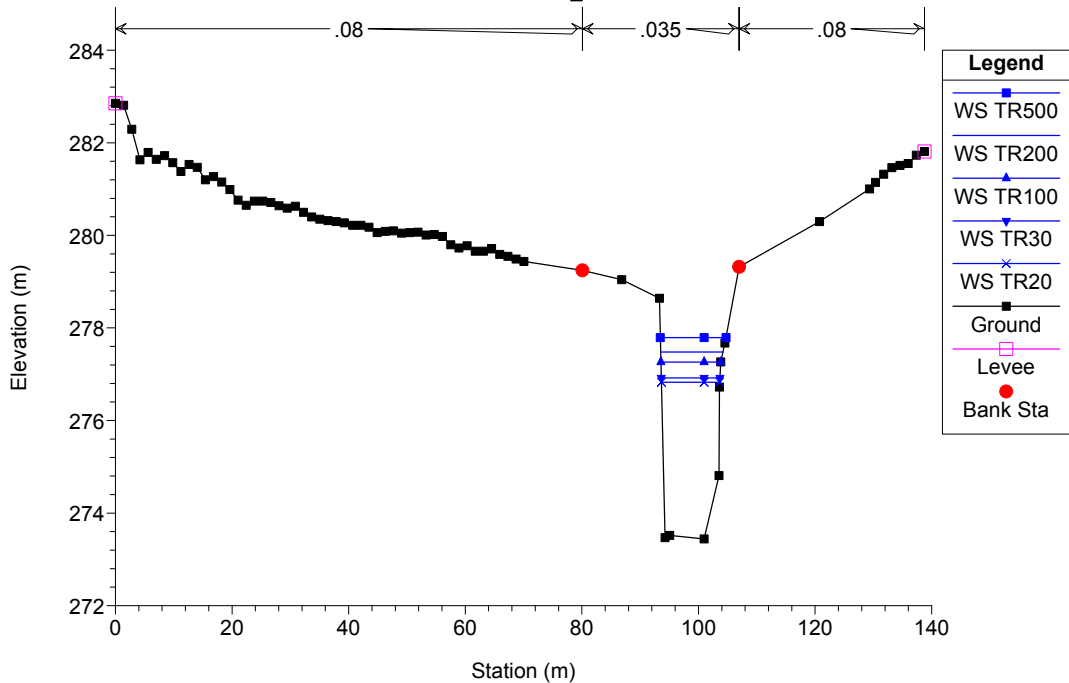
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LOR 20C



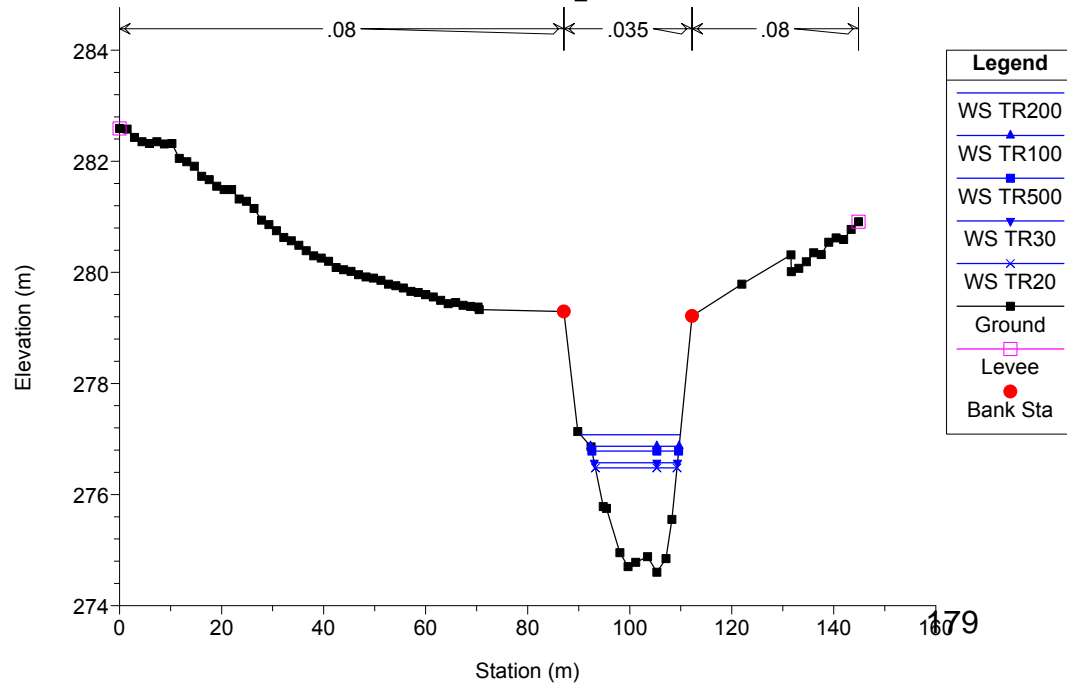
Lora Plan: Lora\_permanente 2/22/2011

LOR020\_B

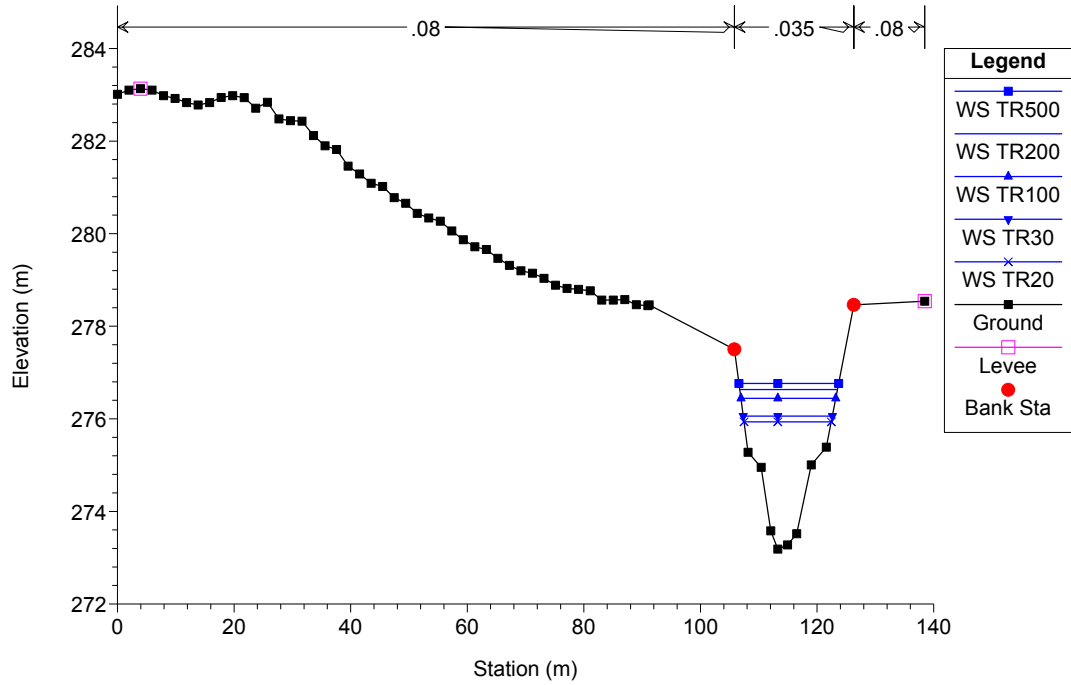


Lora Plan: Lora\_permanente 2/22/2011

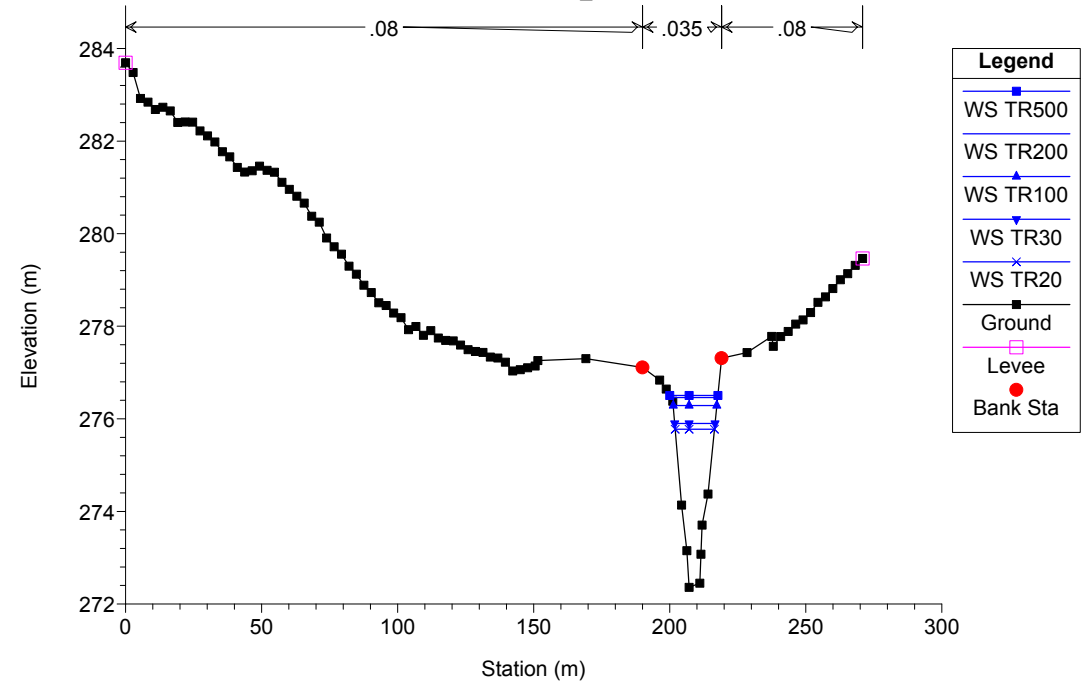
LOR020\_A



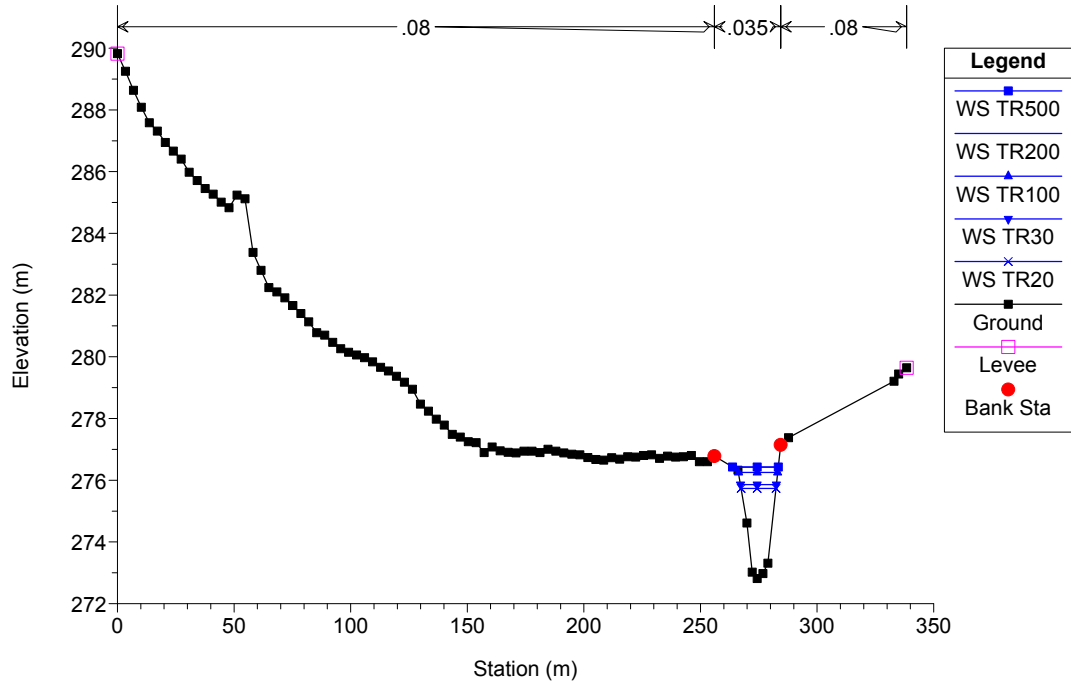
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LOR019



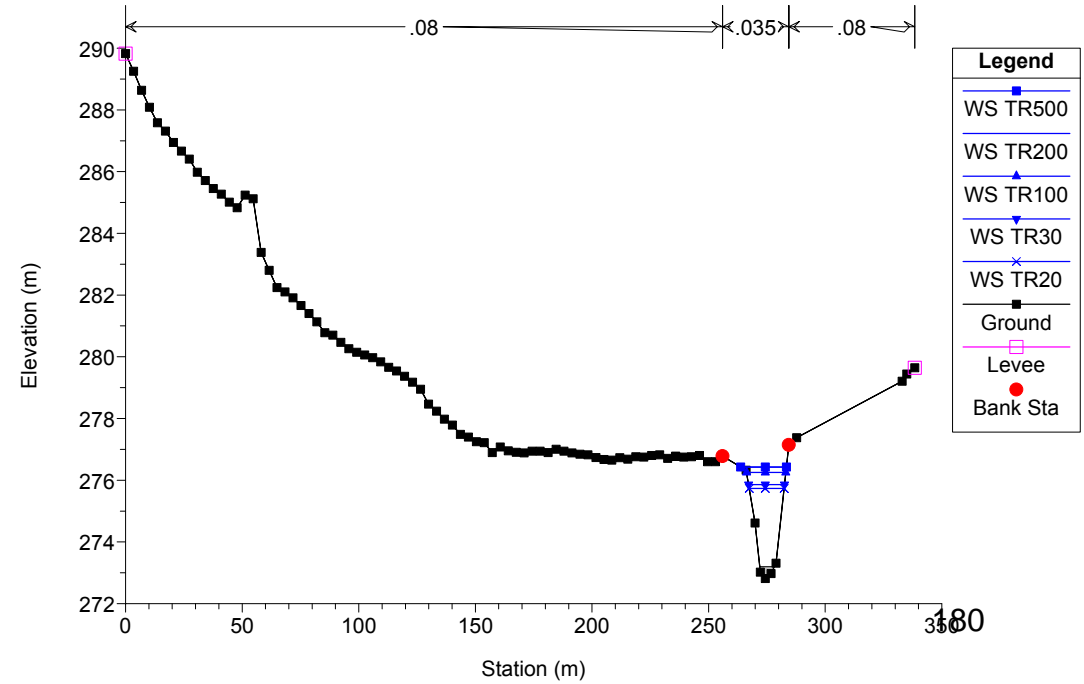
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LOR018\_D



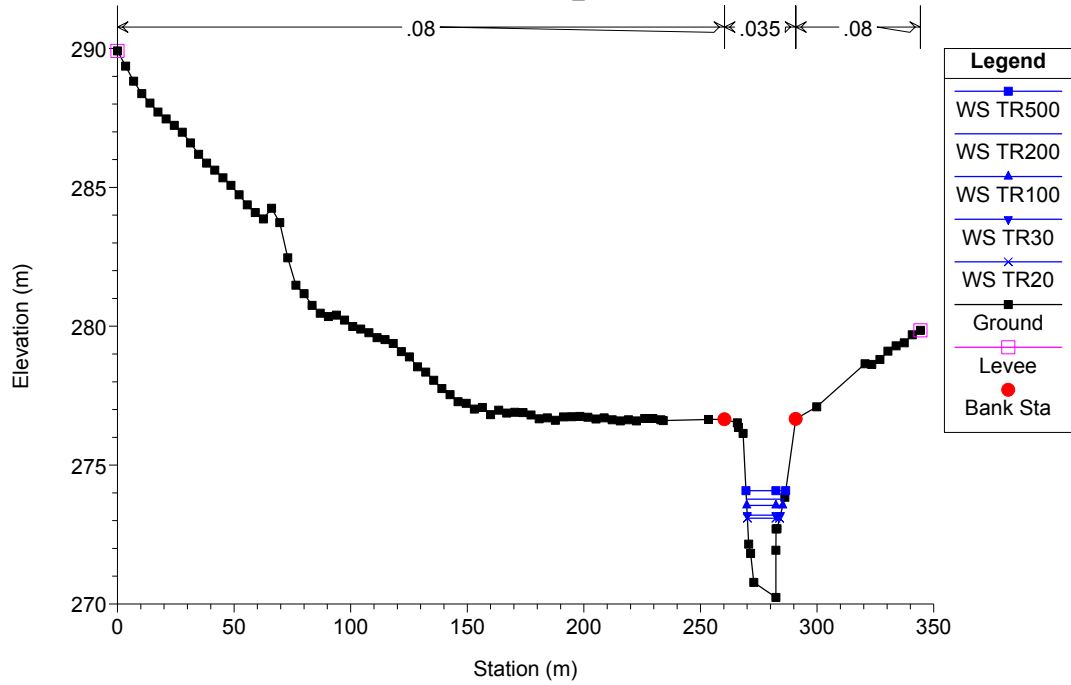
Lora Plan: Lora\_permanente 2/22/2011  
LOR018\_C1



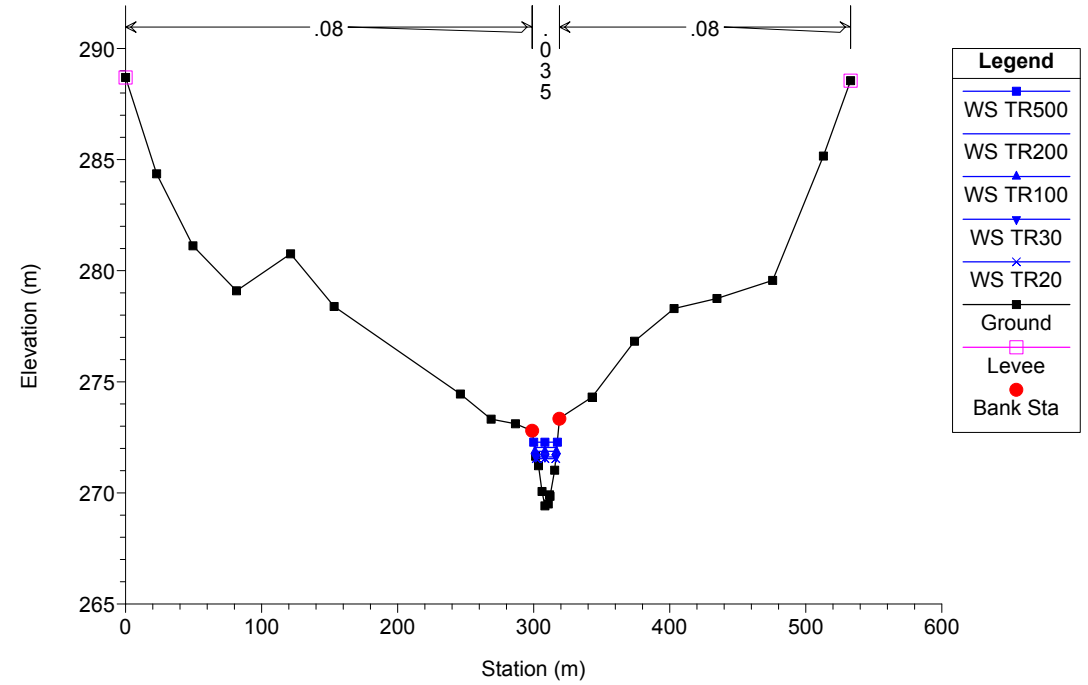
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LOR 018 C



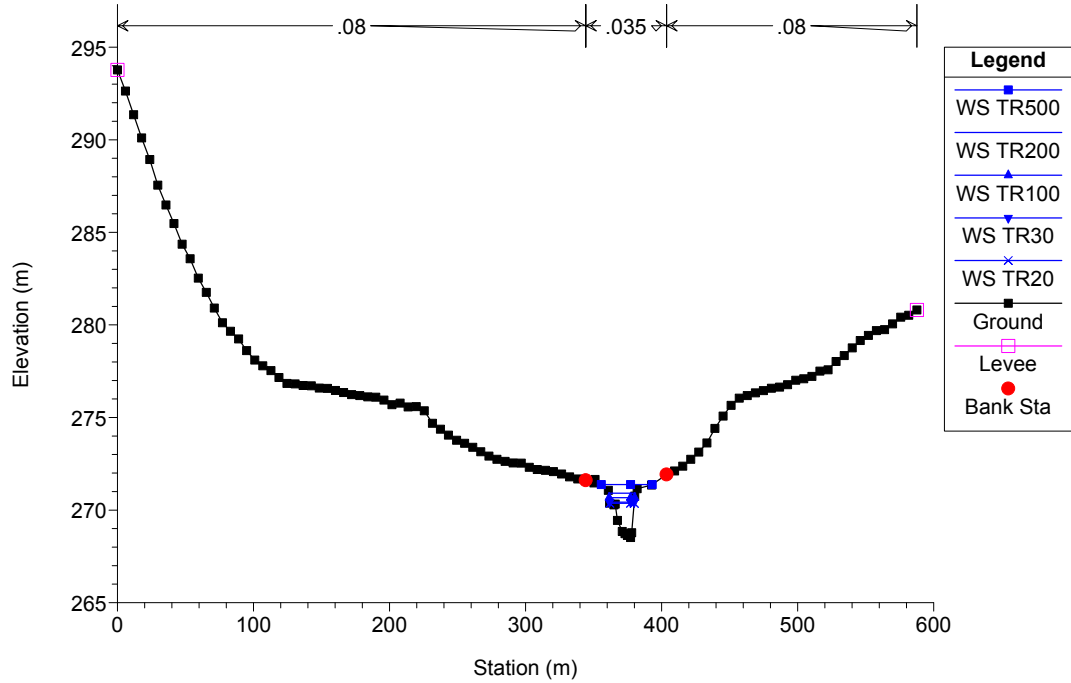
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LOR018\_A



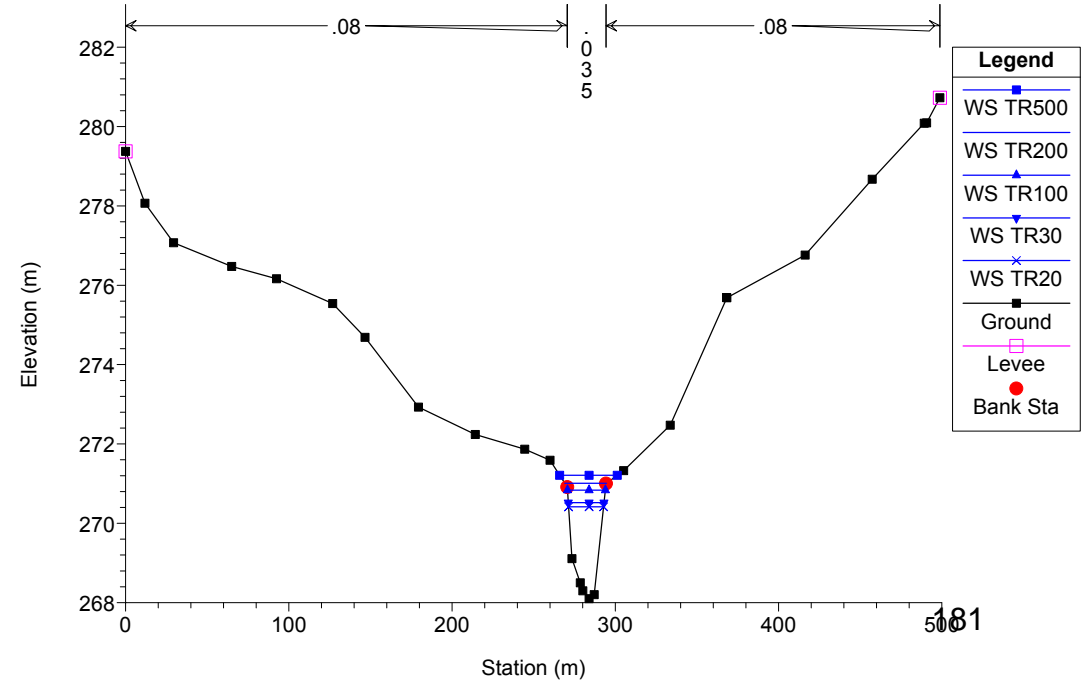
Lora Plan: Lora\_permanente 2/22/2011  
LOR017



Lora Plan: Lora\_permanente 2/22/2011  
LOR016\_D

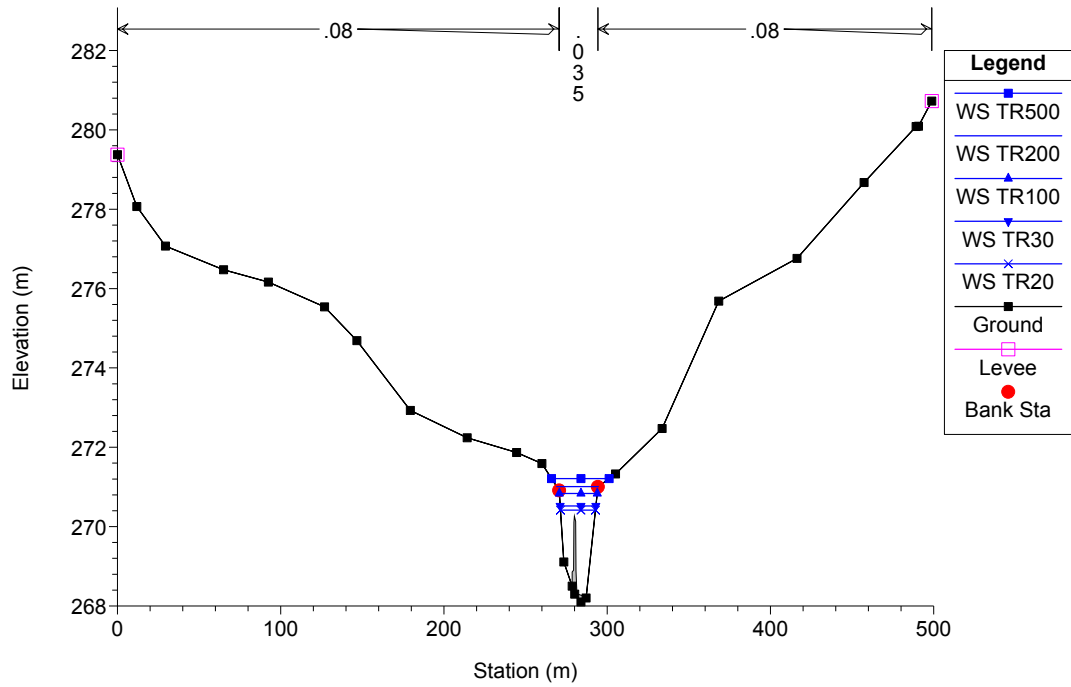


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LOR016\_C1



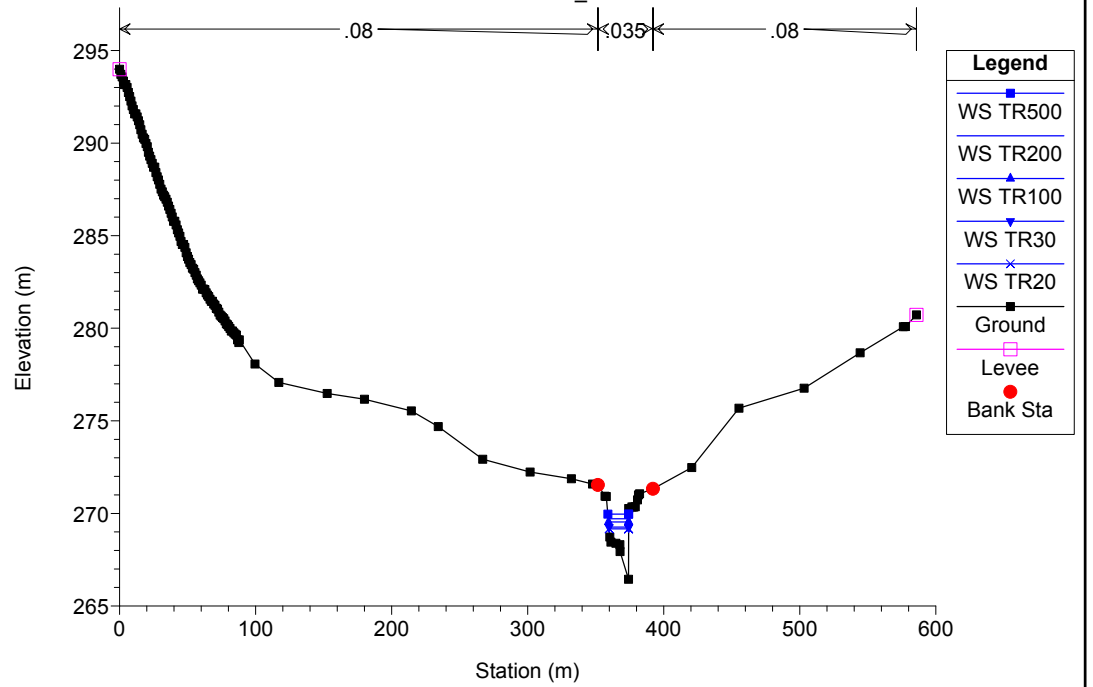
Lora Plan: Lora\_permanente 2/22/2011

LOR 016 C



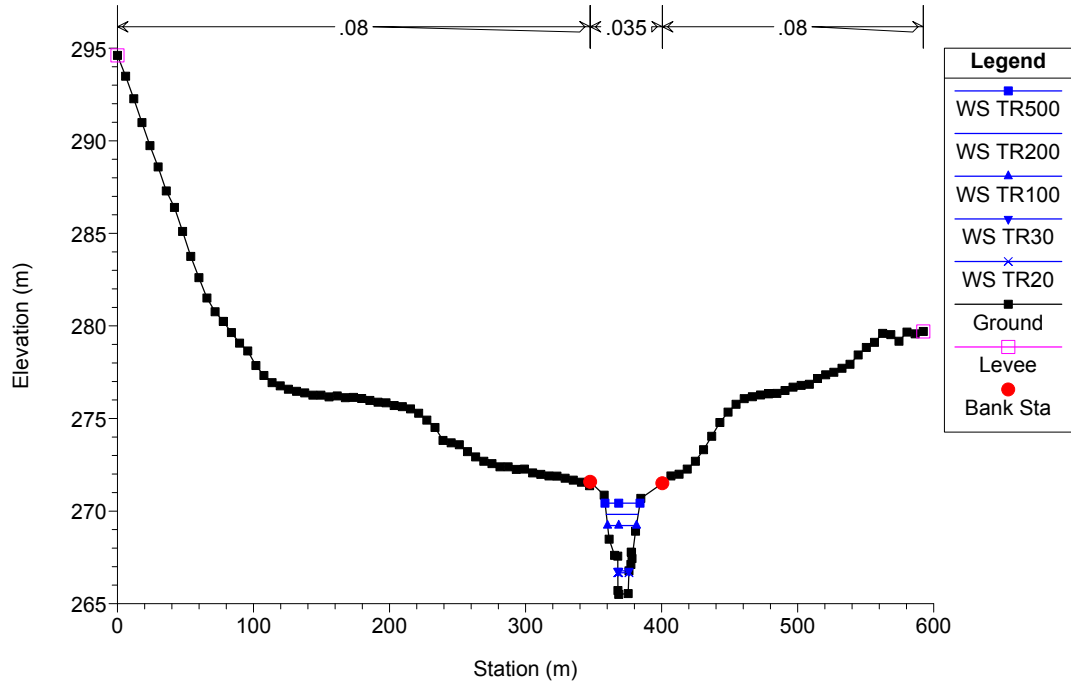
Lora Plan: Lora\_permanente 2/22/2011

LOR016\_B



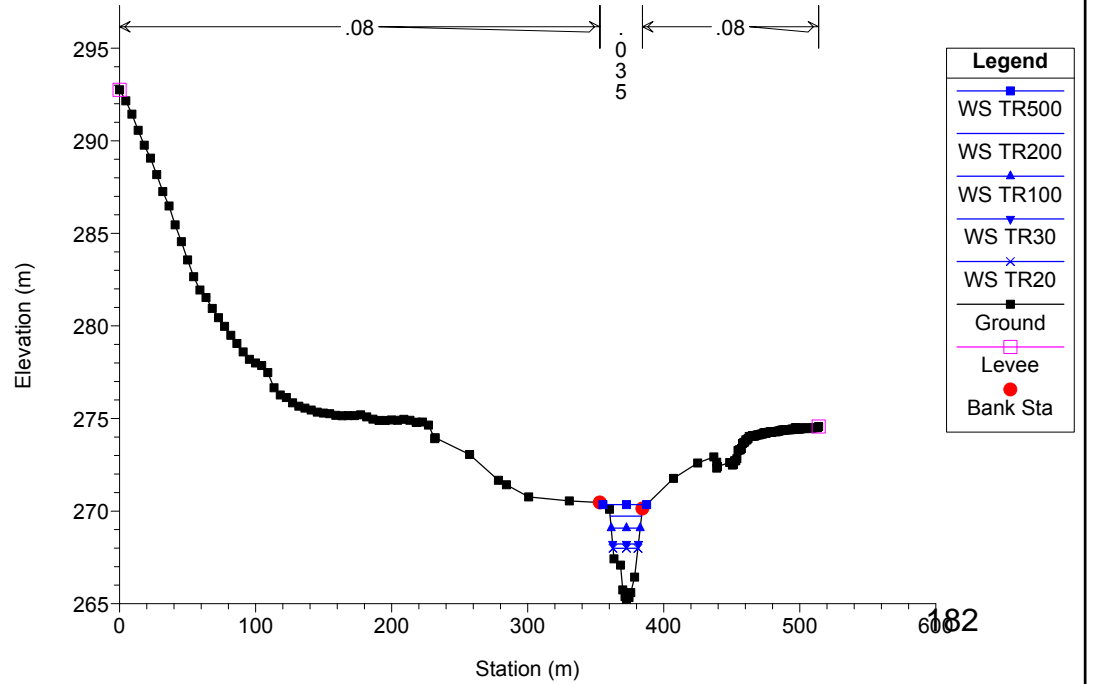
Lora Plan: Lora\_permanente 2/22/2011

LOR016\_A



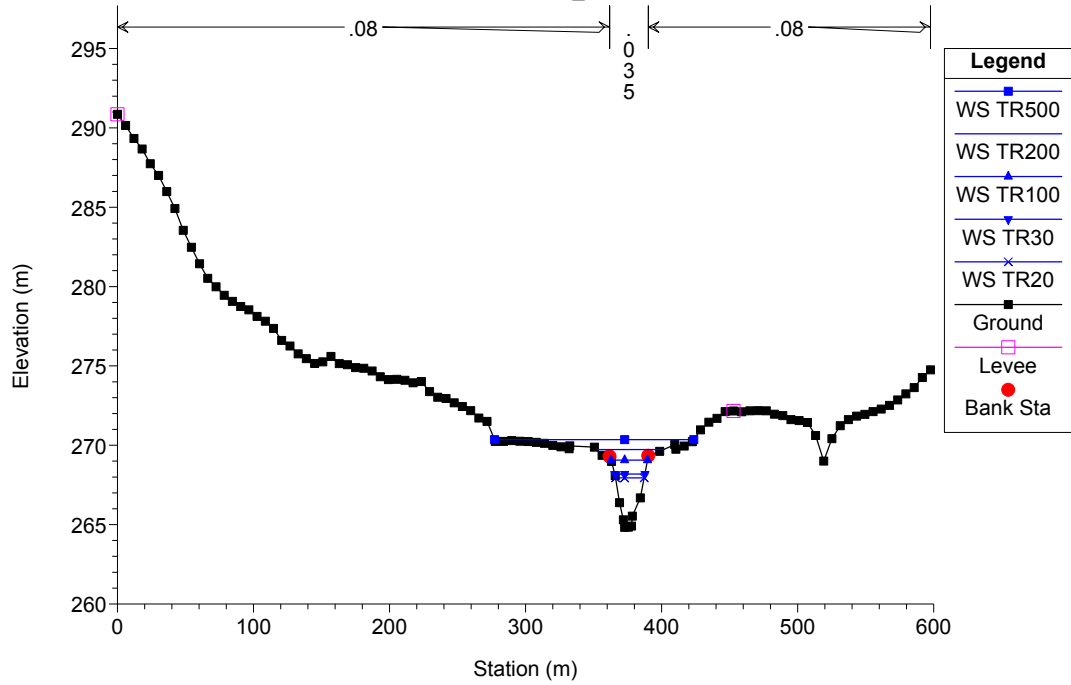
Lora Plan: Lora\_permanente 2/22/2011

LOR015

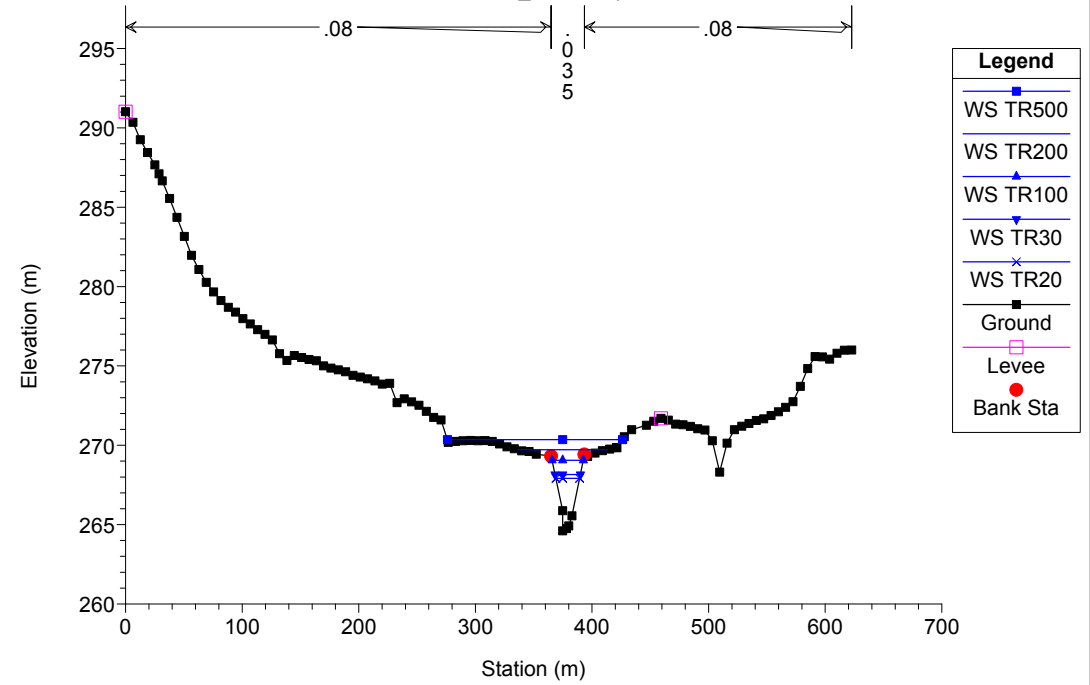




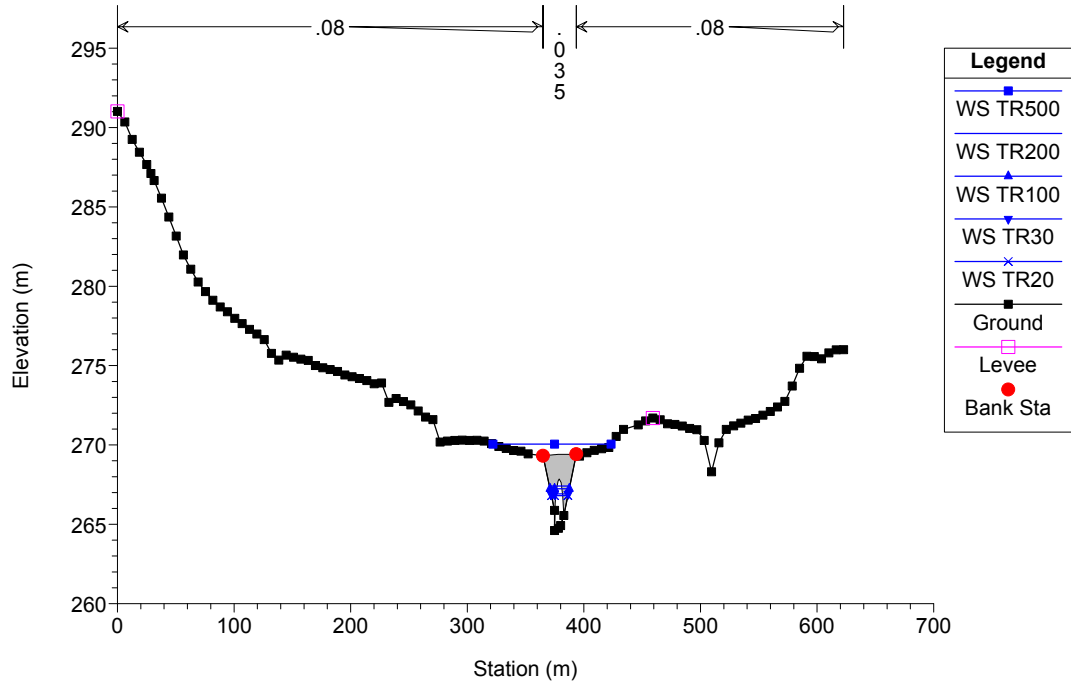
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LOR014\_B



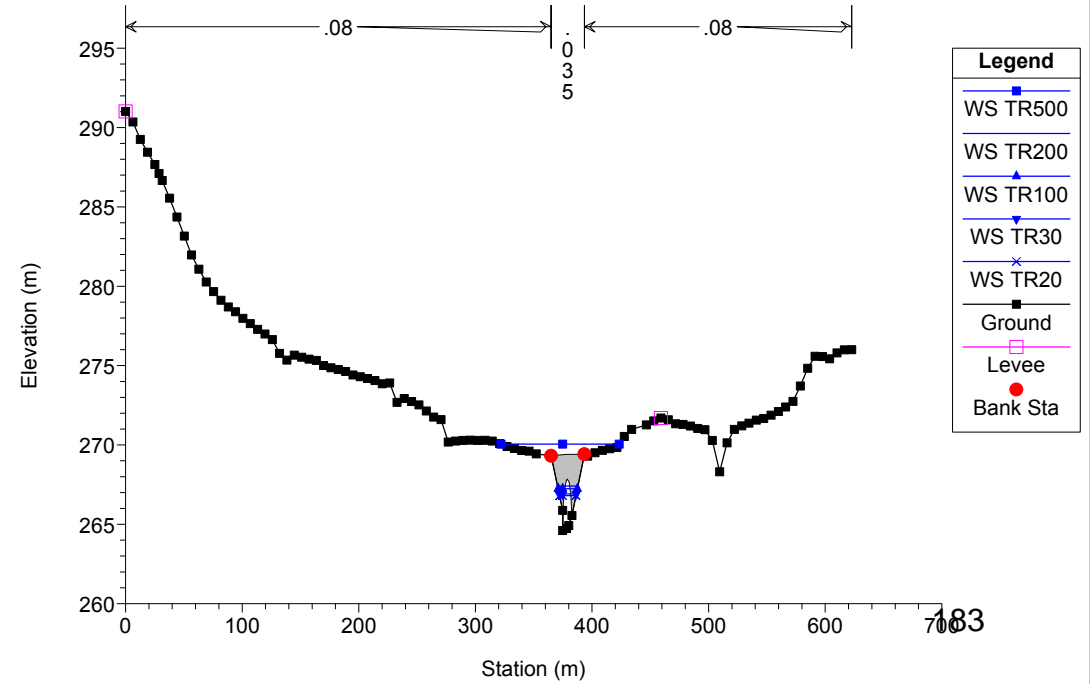
Lora Plan: Lora\_permanente 2/22/2011  
LOR014\_A monte ponte



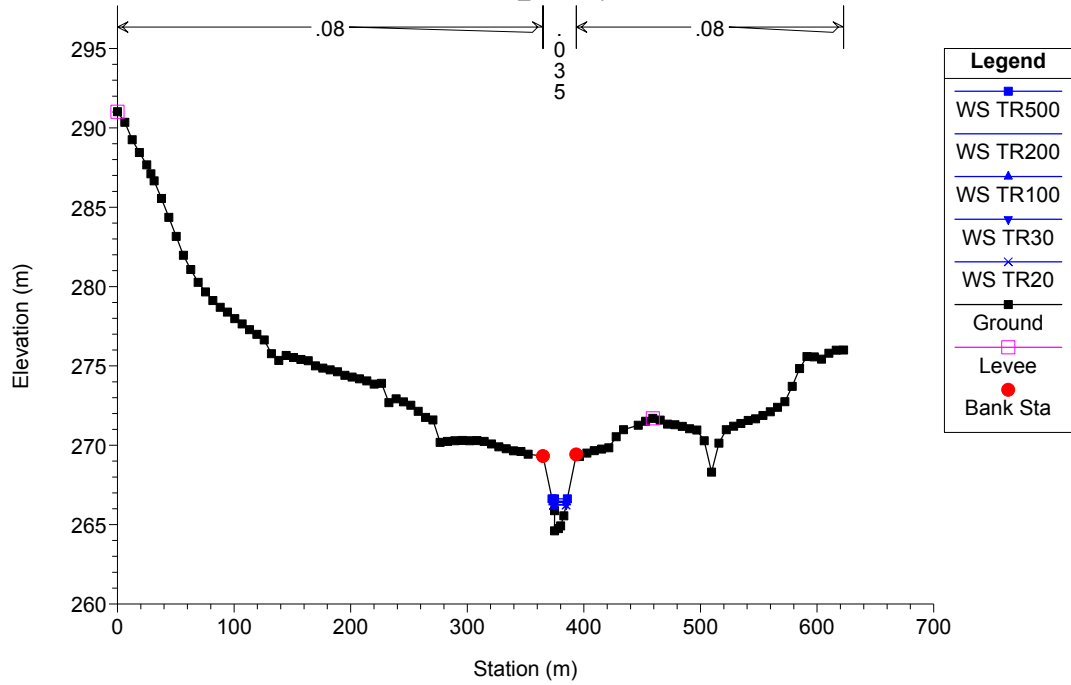
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LOR 014A



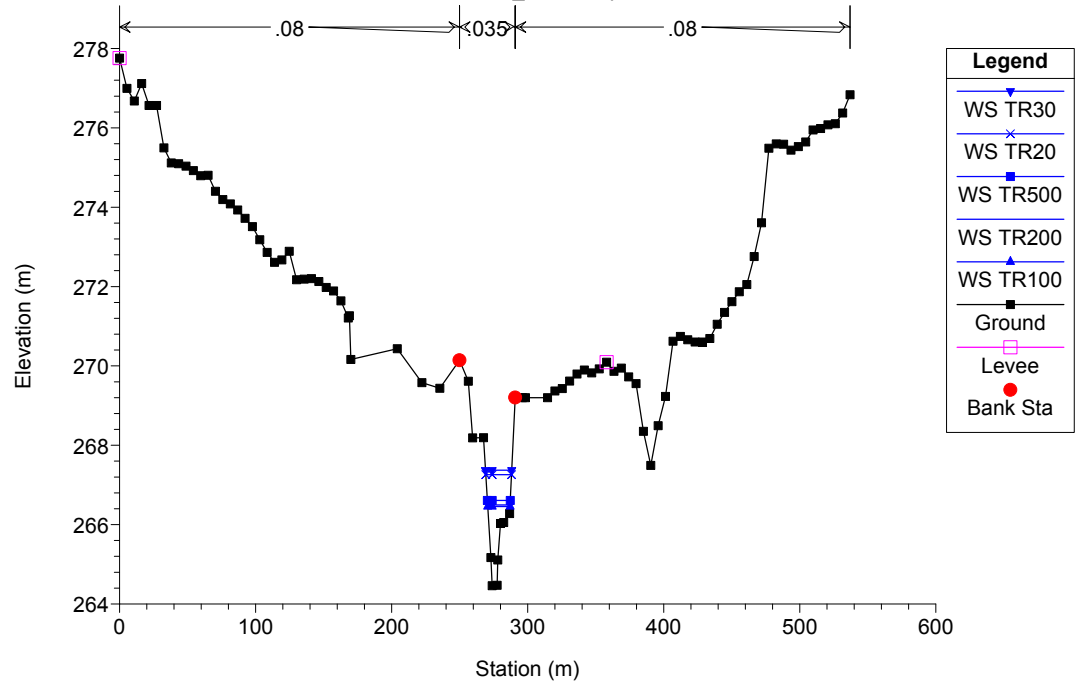
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LOR 014A



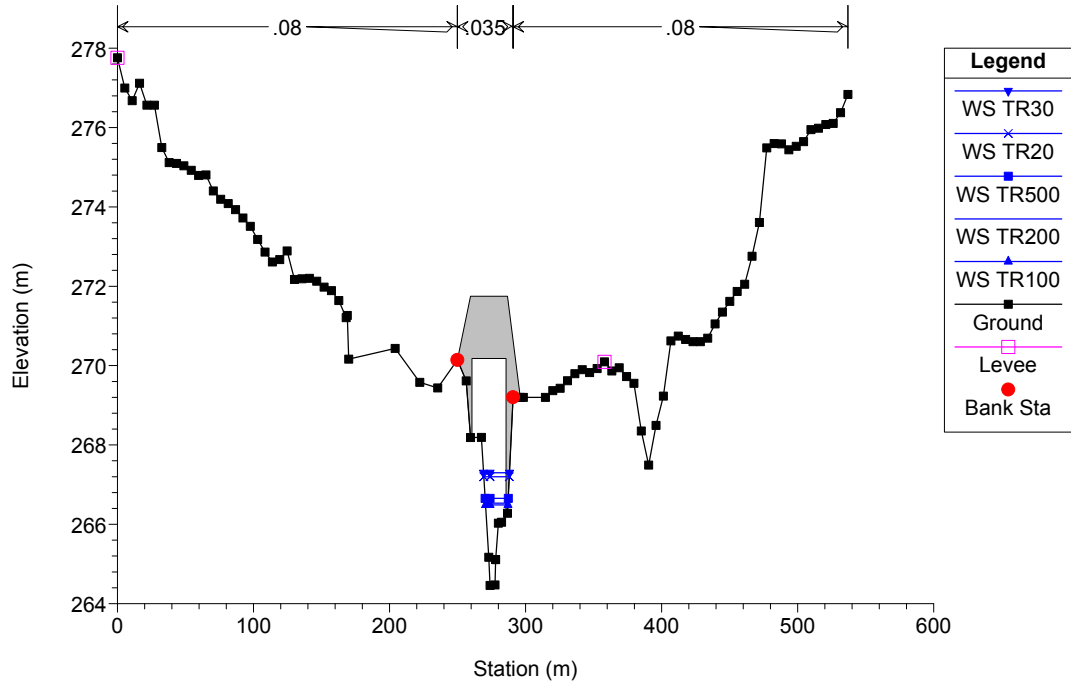
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LOR014\_A valle ponte



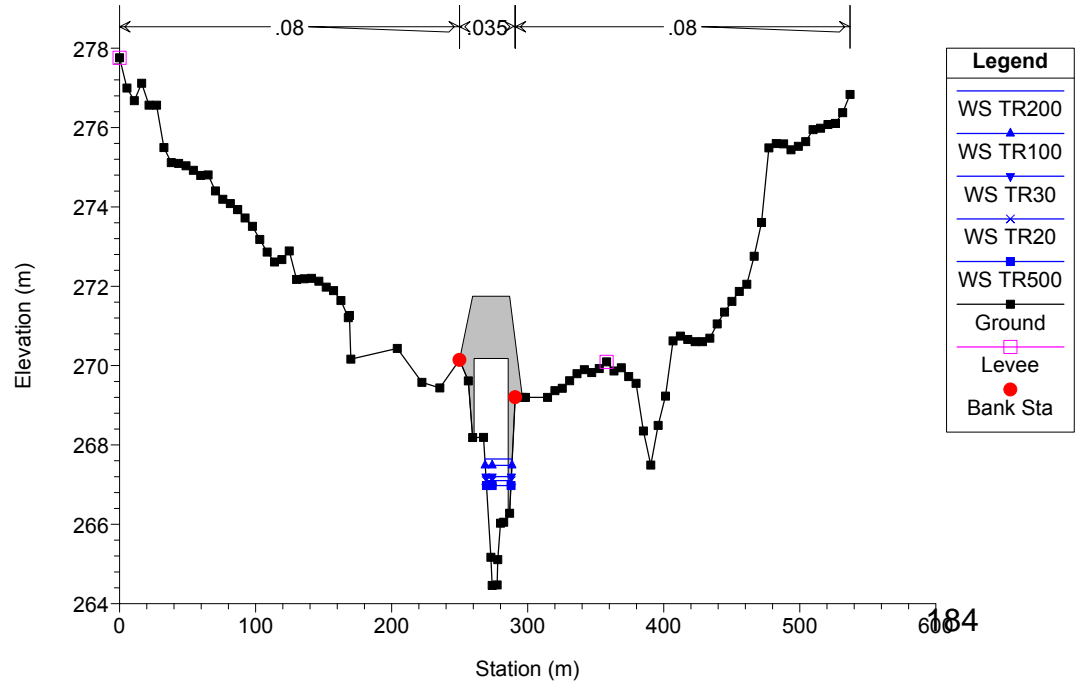
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LOR013\_B monte ponte



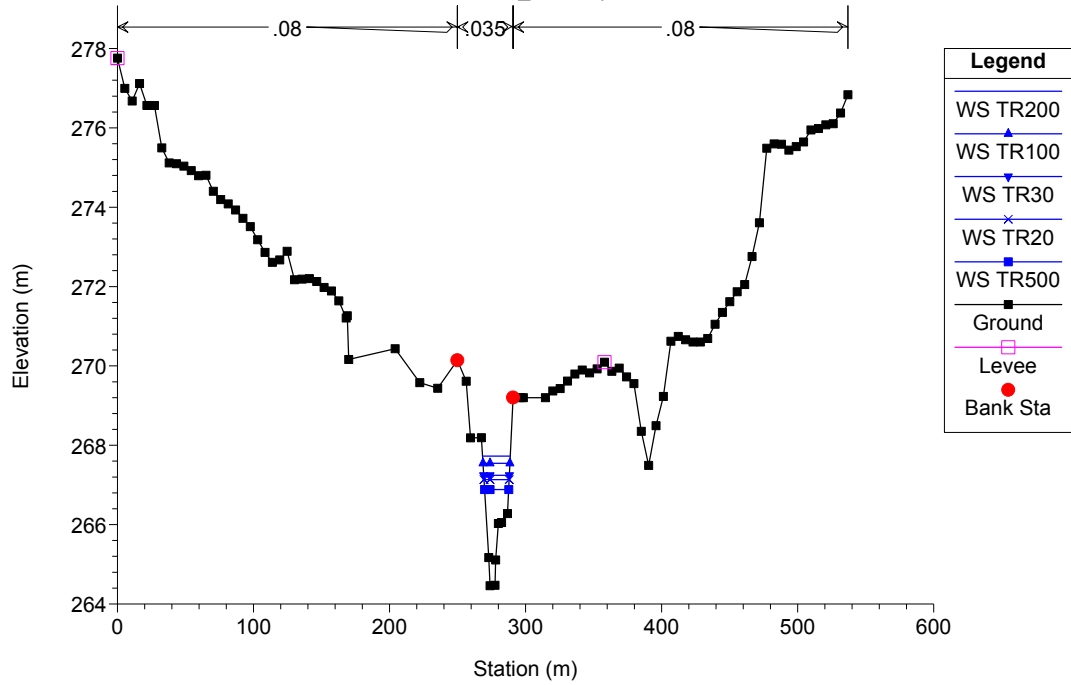
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LOR013\_B



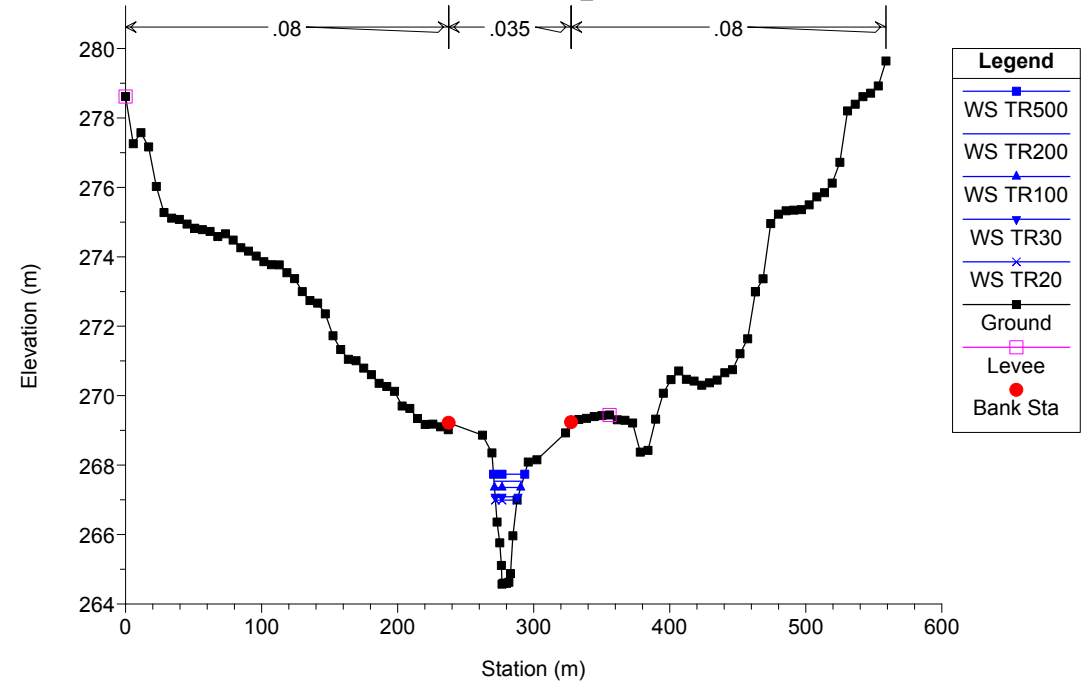
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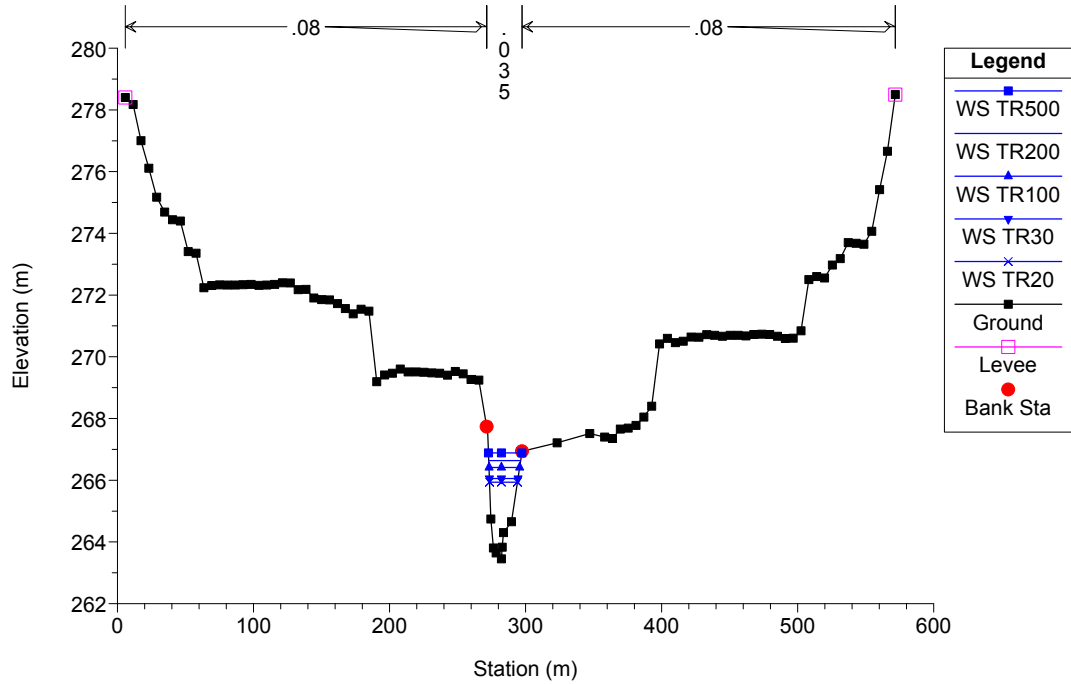
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LOR013\_B valle ponte



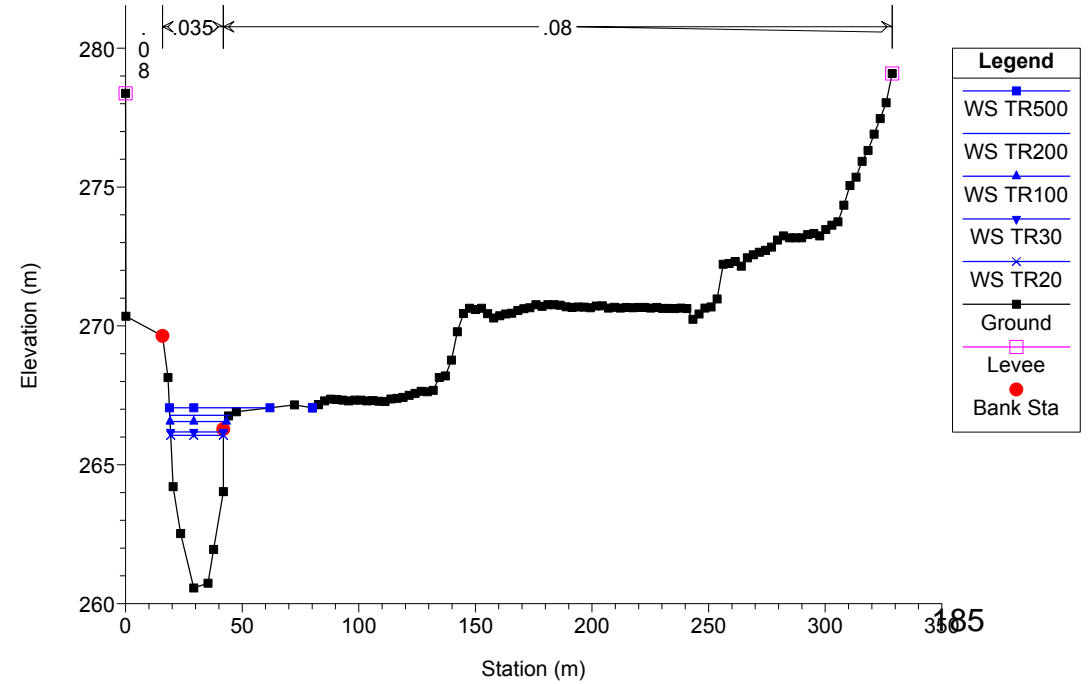
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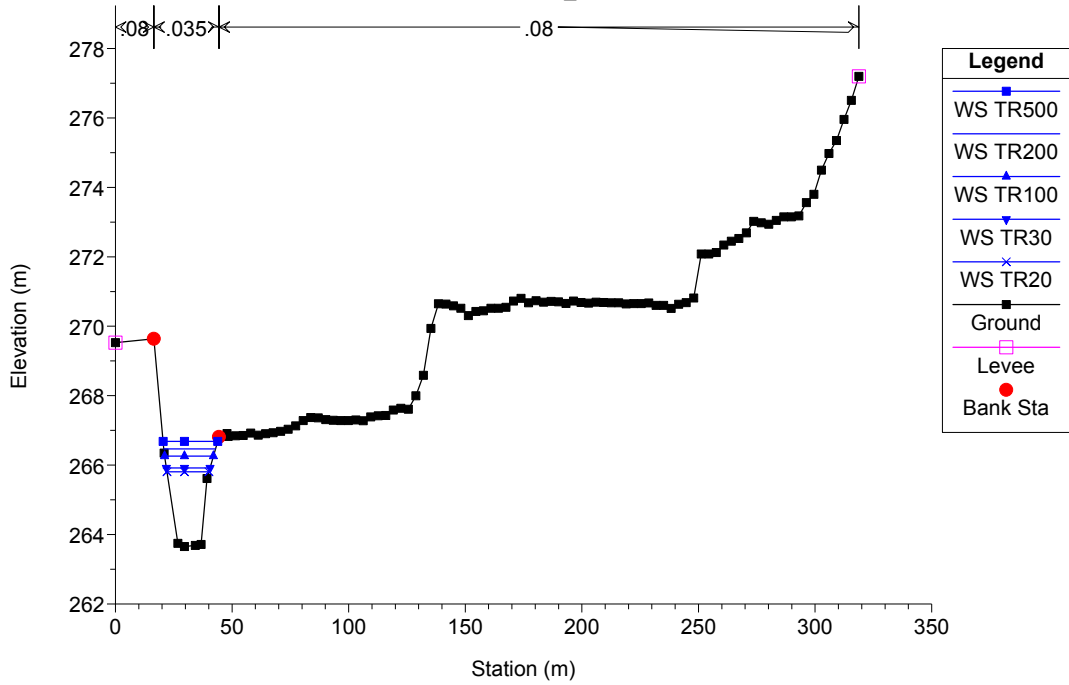
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LOR012\_D



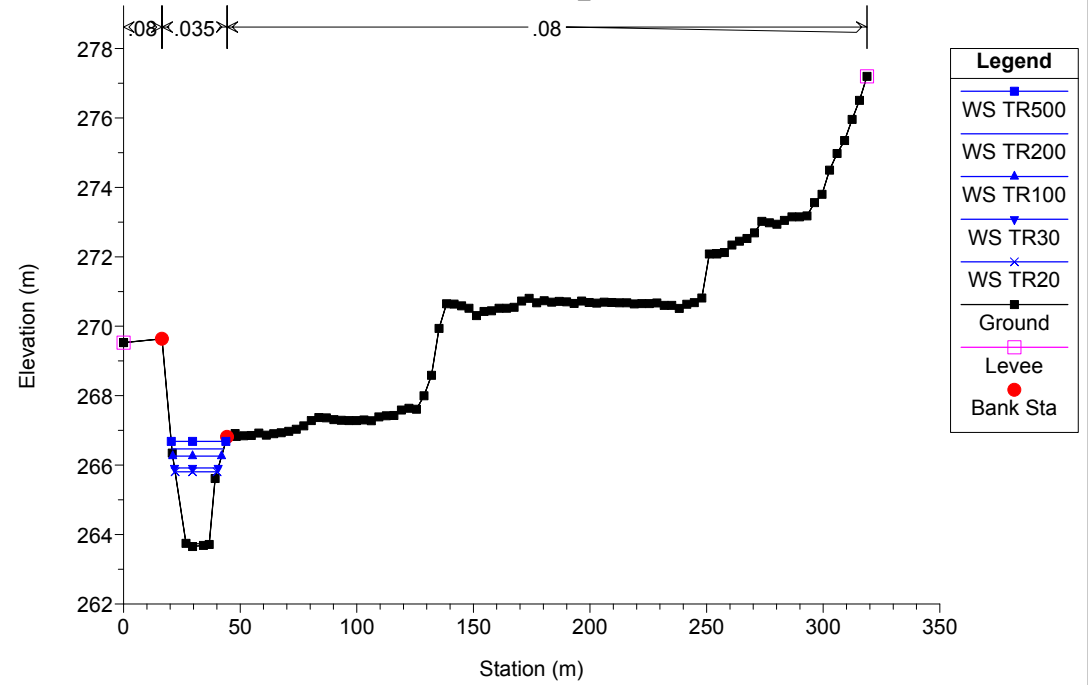
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LOR012\_B



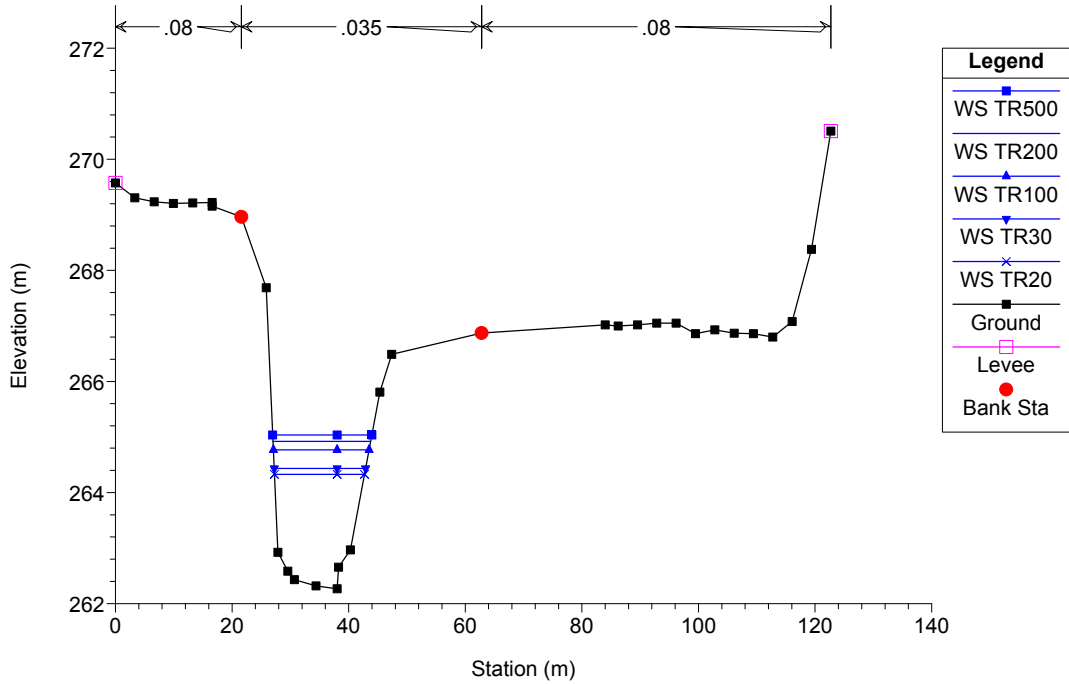
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LOR012\_C1



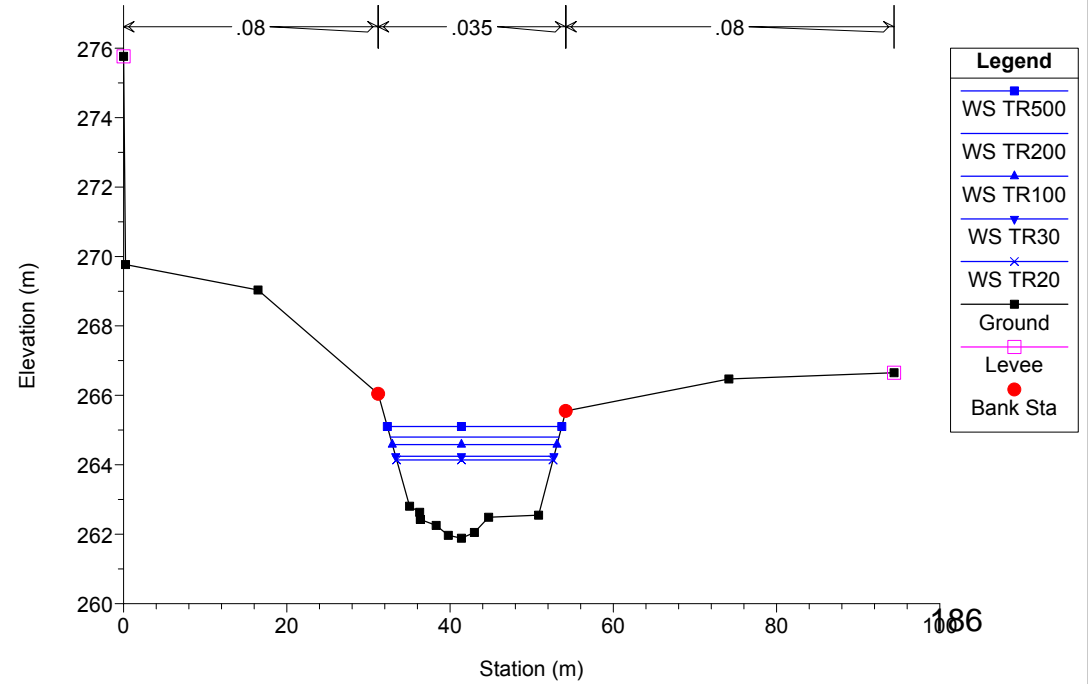
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LOR012\_C



Lora Plan: Lora\_permanente 2/22/2011  
LOR012\_A

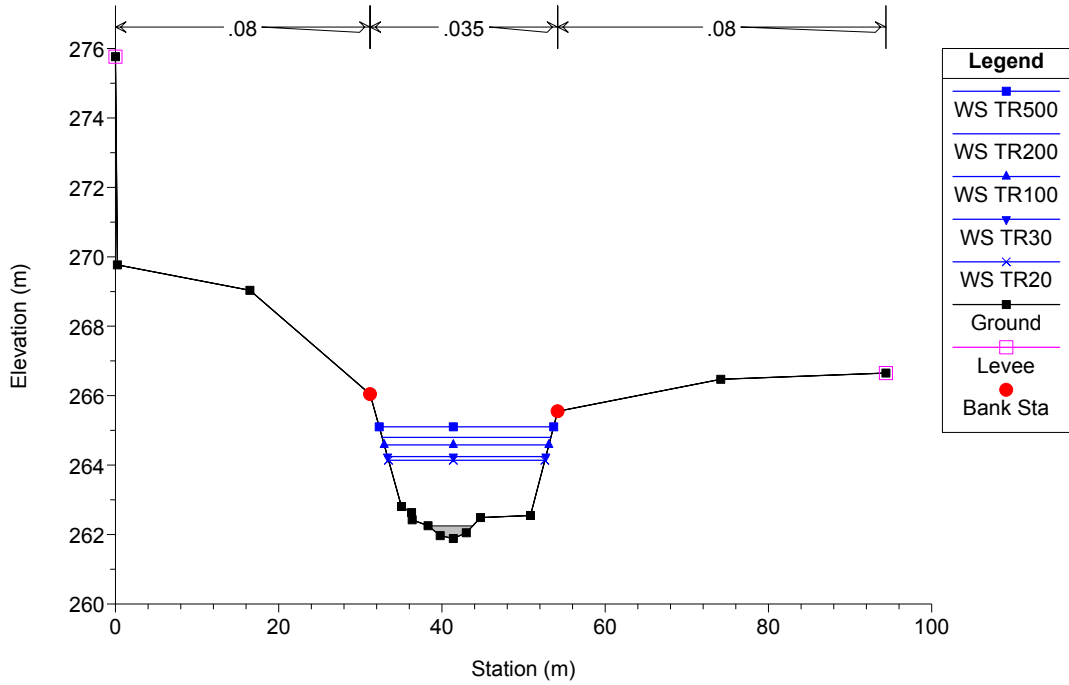


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LOR011\_C



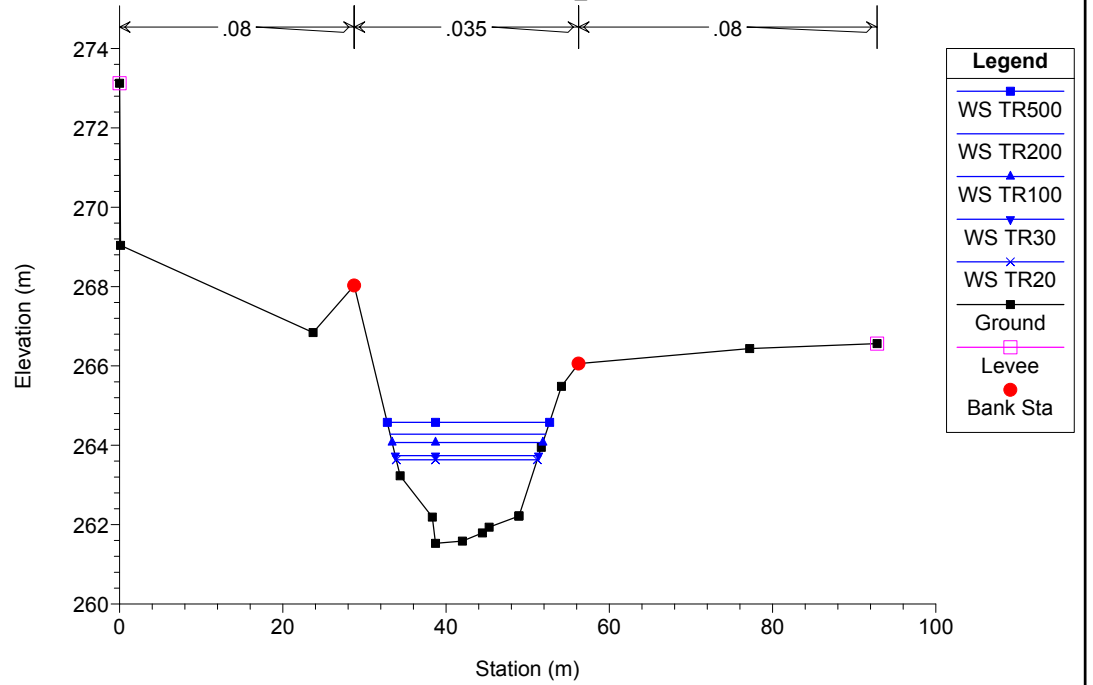
Lora Plan: Lora\_permanente 2/22/2011

LOR011B



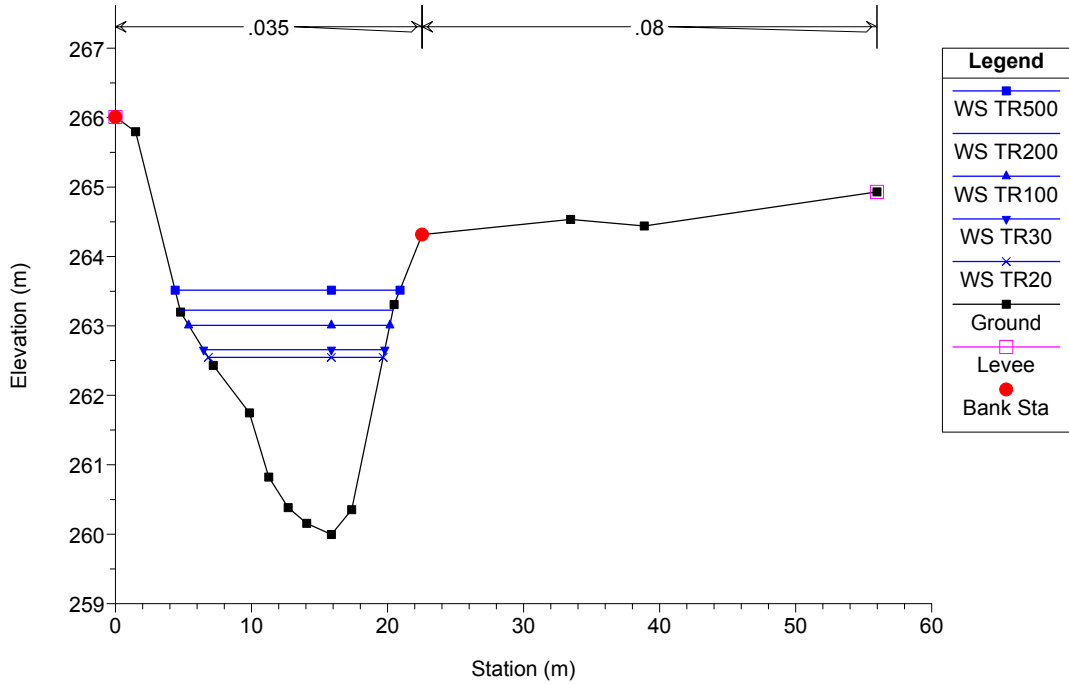
Lora Plan: Lora\_permanente 2/22/2011

LOR011\_A



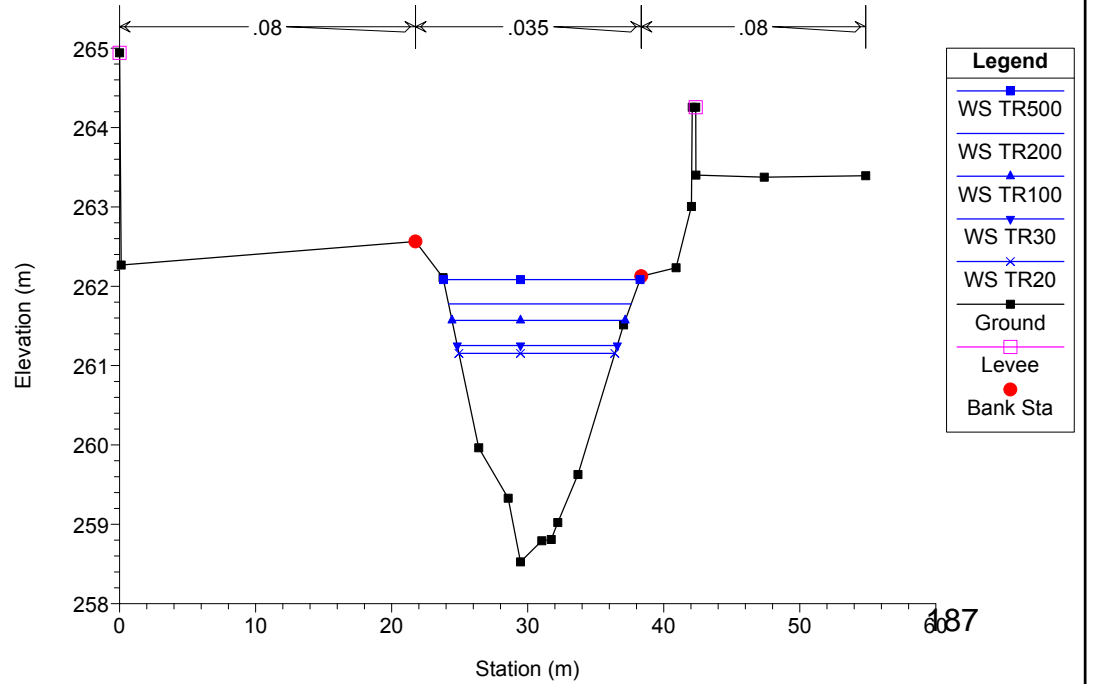
Lora Plan: Lora\_permanente 2/22/2011

LOR010

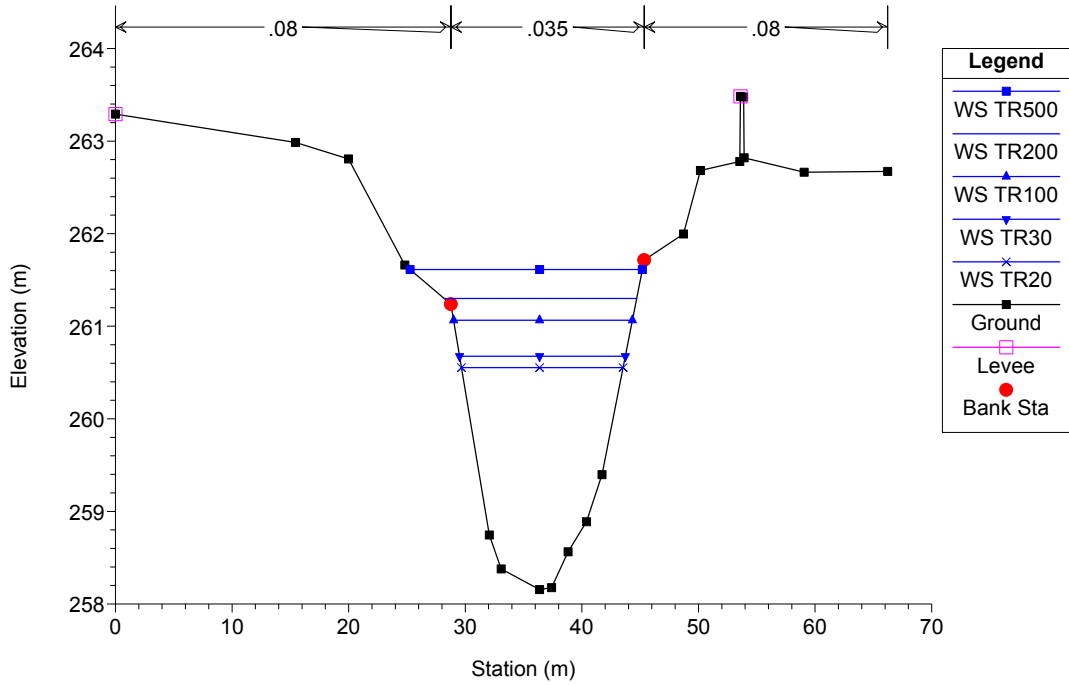


Lora Plan: Lora\_permanente 2/22/2011

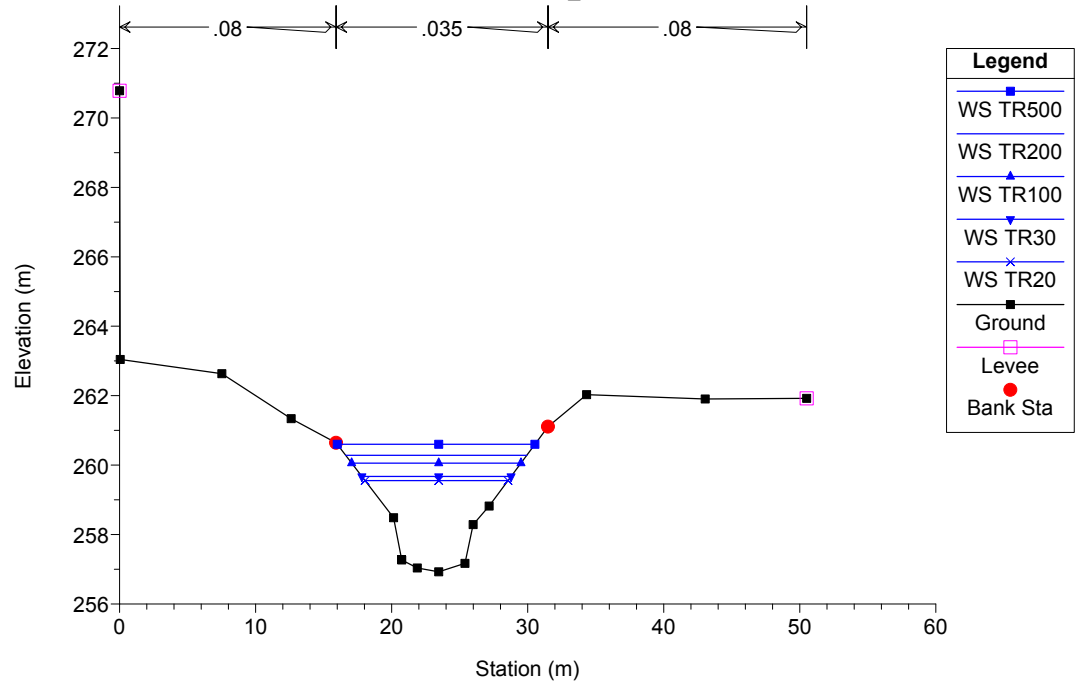
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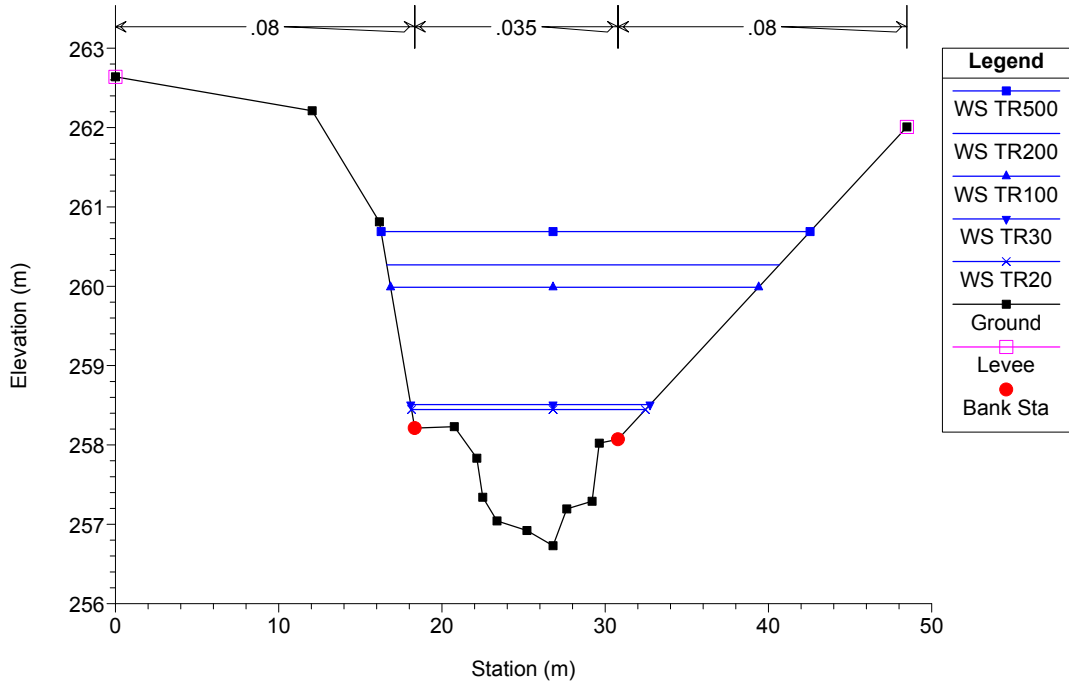
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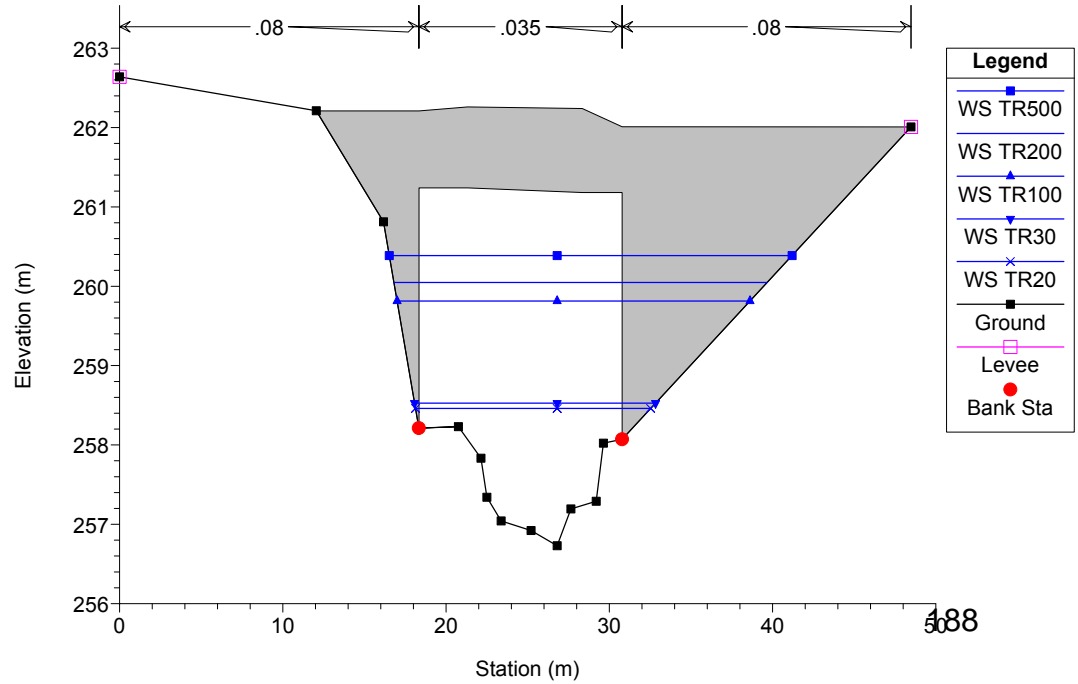
Lora Plan: Lora\_permanente 2/22/2011  
LOR07\_C



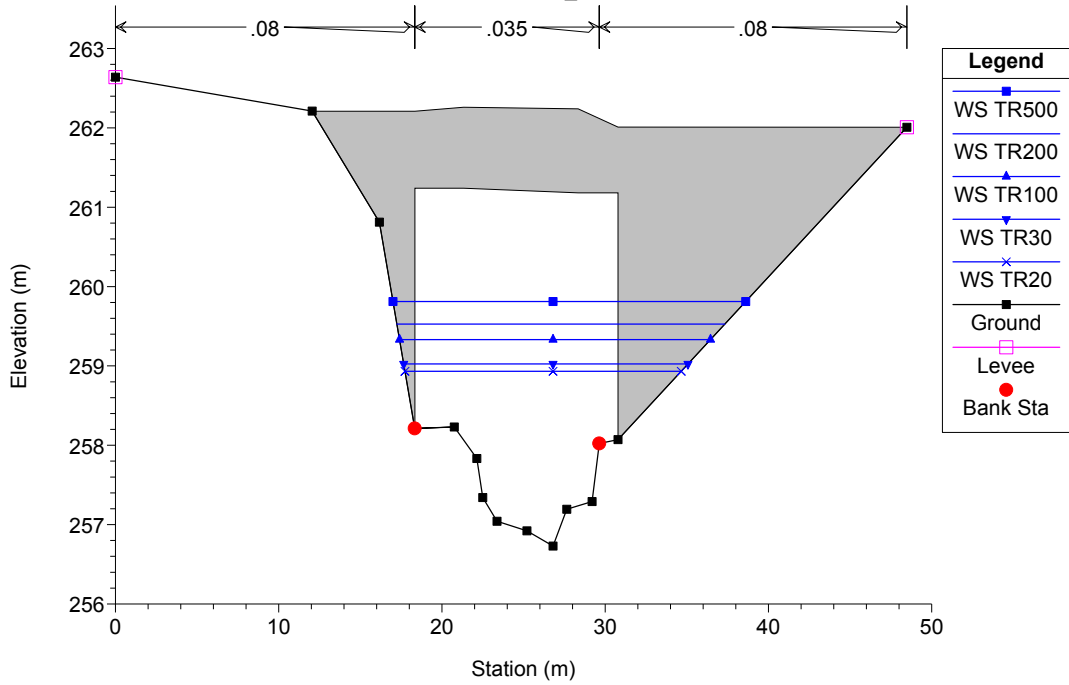
Lora Plan: Lora\_permanente 2/22/2011  
LOR07\_B monte ponte



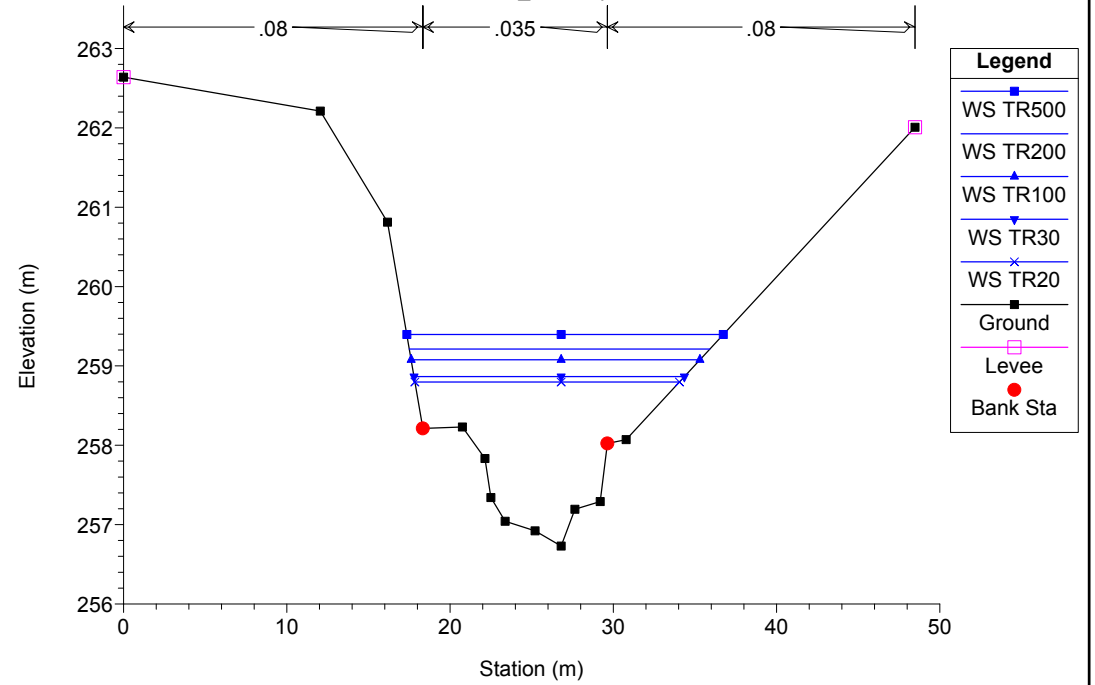
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LOR07\_B



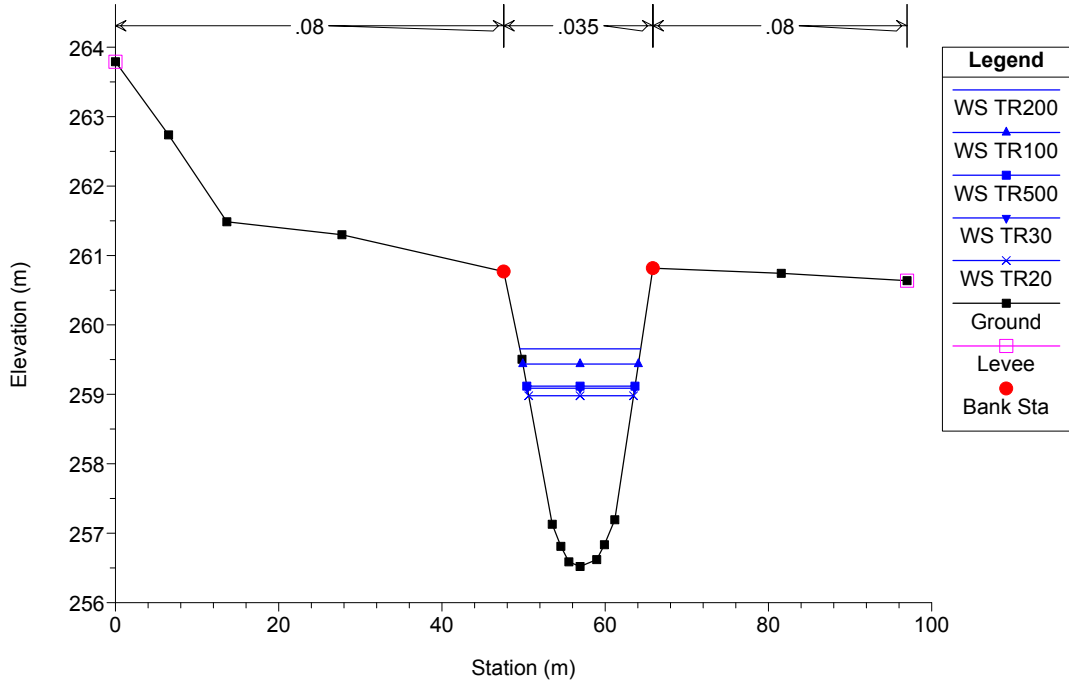
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LOR07\_B



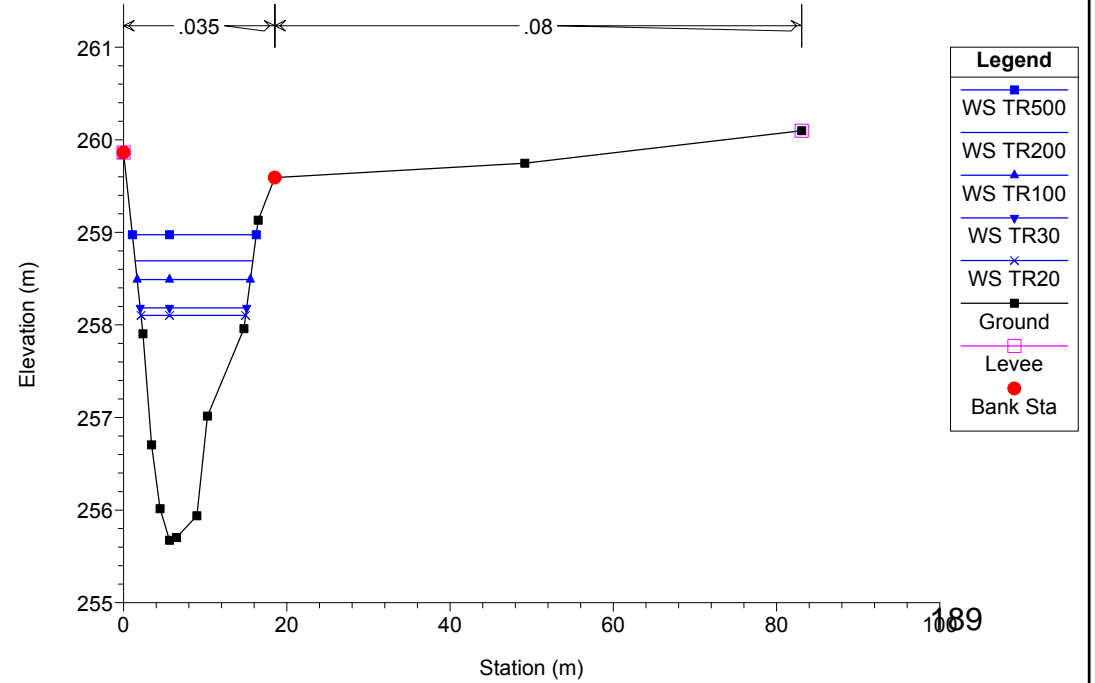
Lora Plan: Lora\_permanente 2/22/2011  
LOR07\_B valle ponte



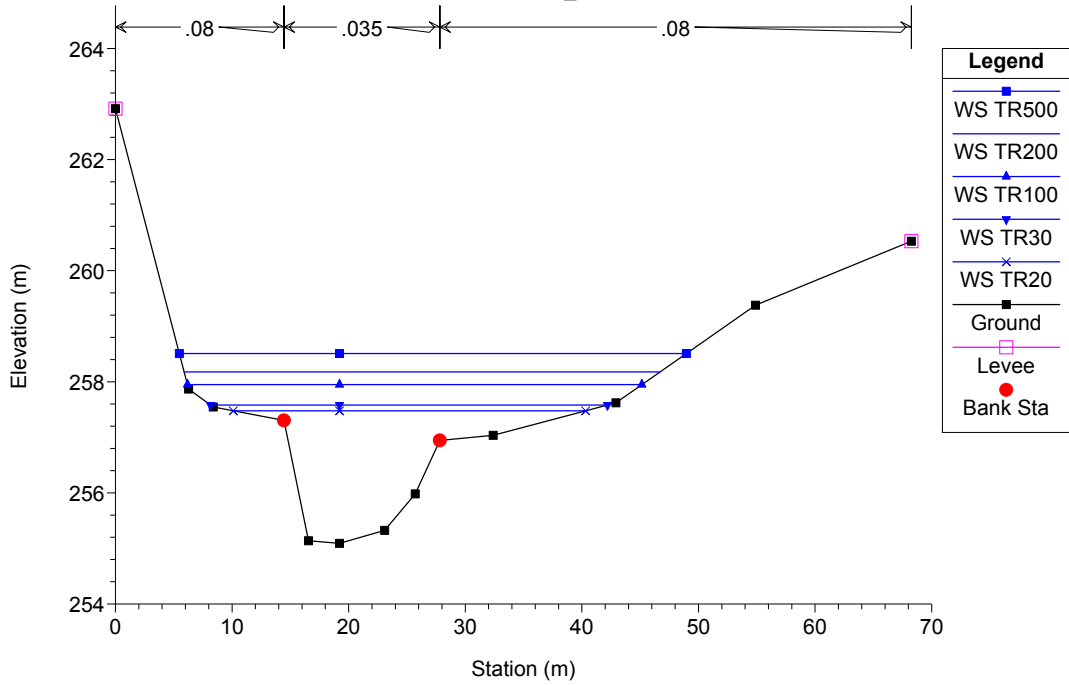
Lora Plan: Lora\_permanente 2/22/2011  
LOR07\_A



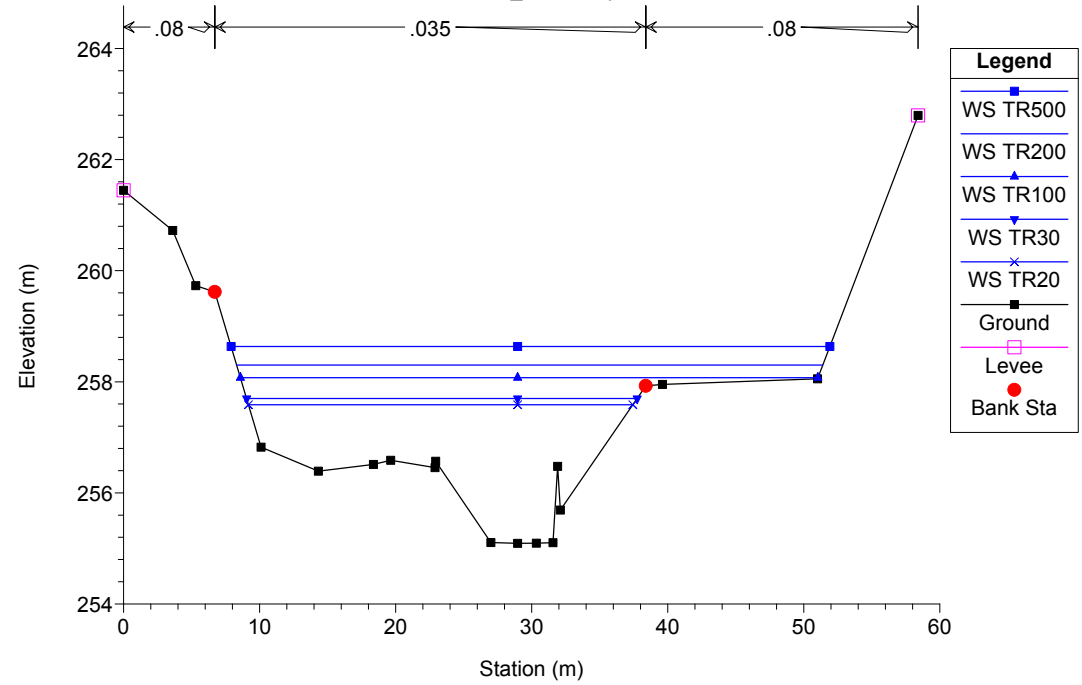
Lora Plan: Lora\_permanente 2/22/2011  
LOR06



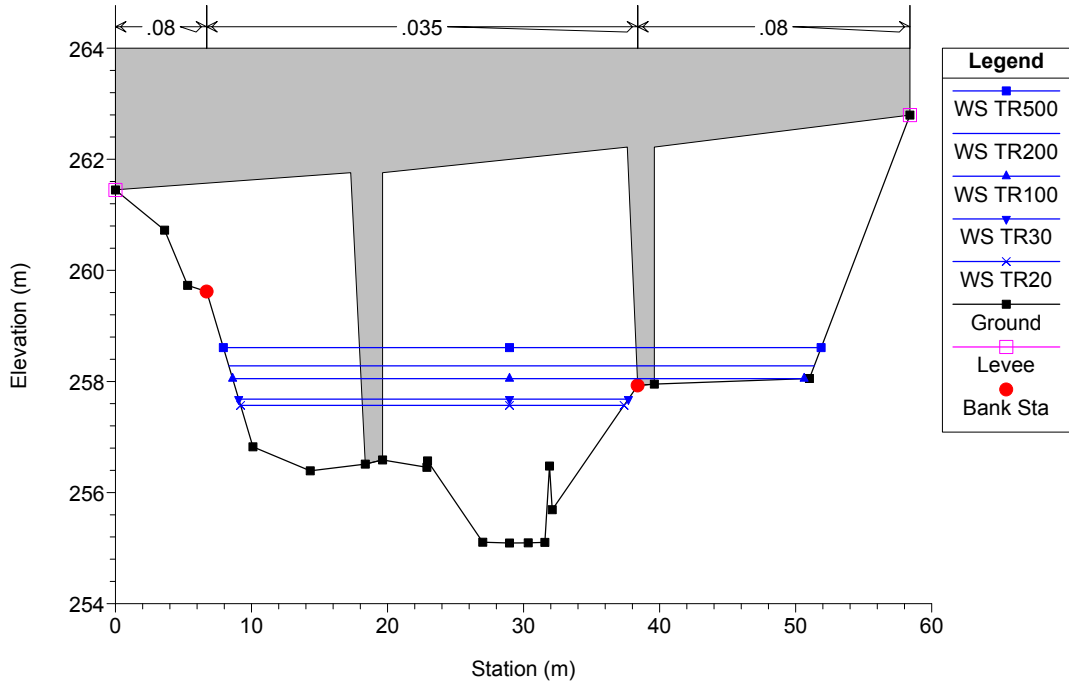
Lora Plan: Lora\_permanente 2/22/2011  
LOR05\_C



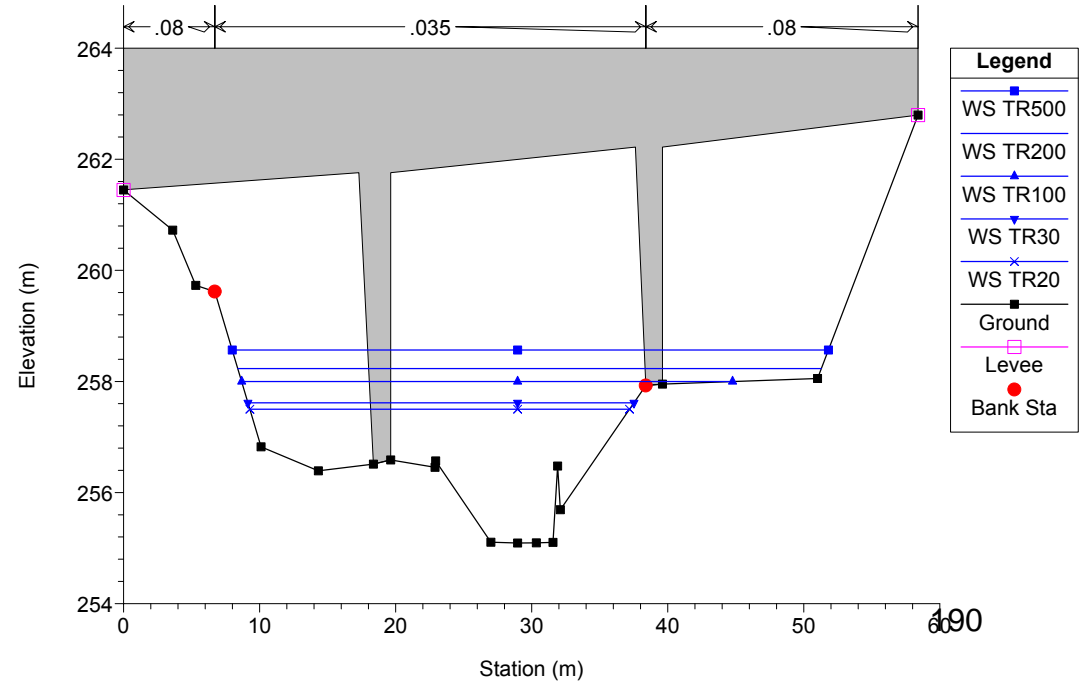
Lora Plan: Lora\_permanente 2/22/2011  
LOR05\_B monte ponte



Lora Plan: Lora\_permanente 2/22/2011  
LOR05\_B

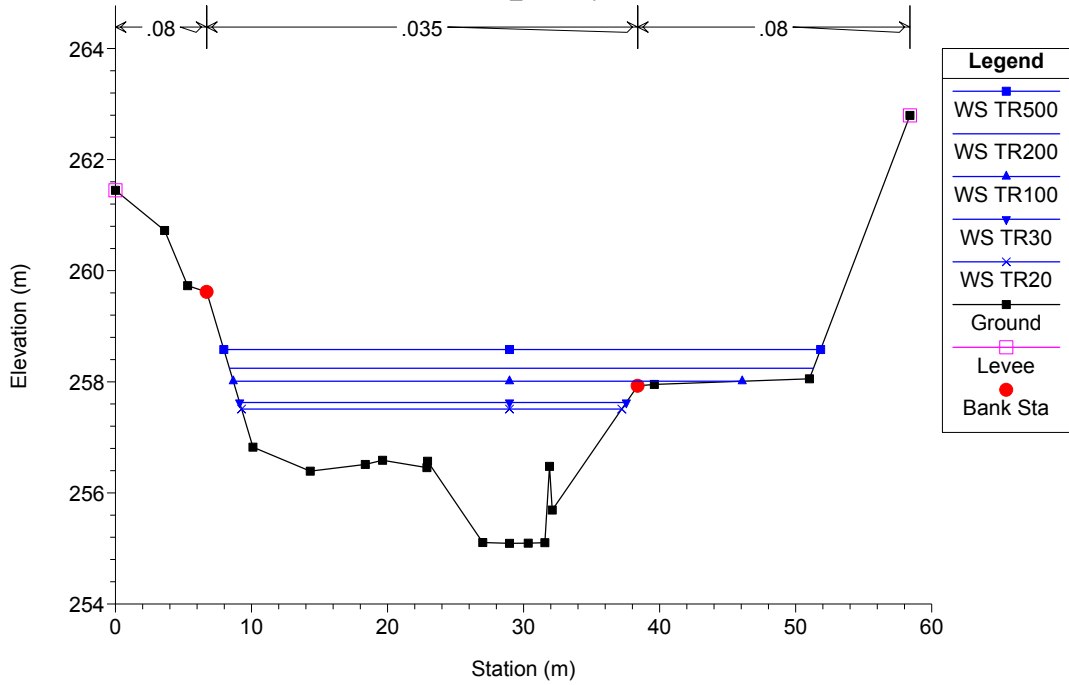


Lora Plan: Lora\_permanente 2/22/2011  
LOR05\_B

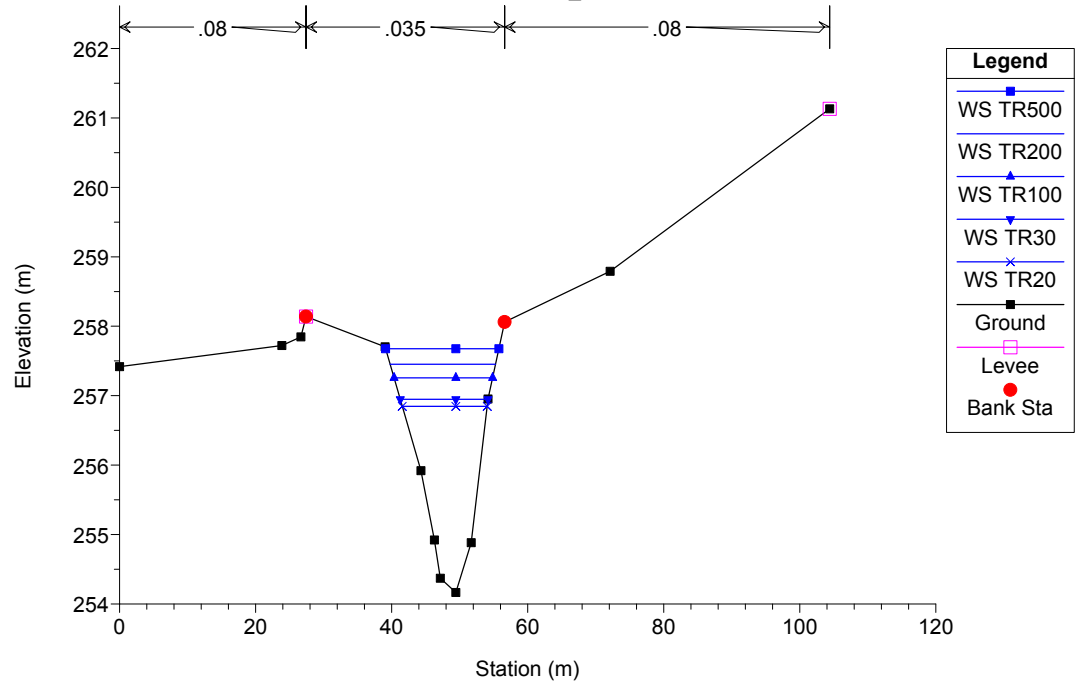




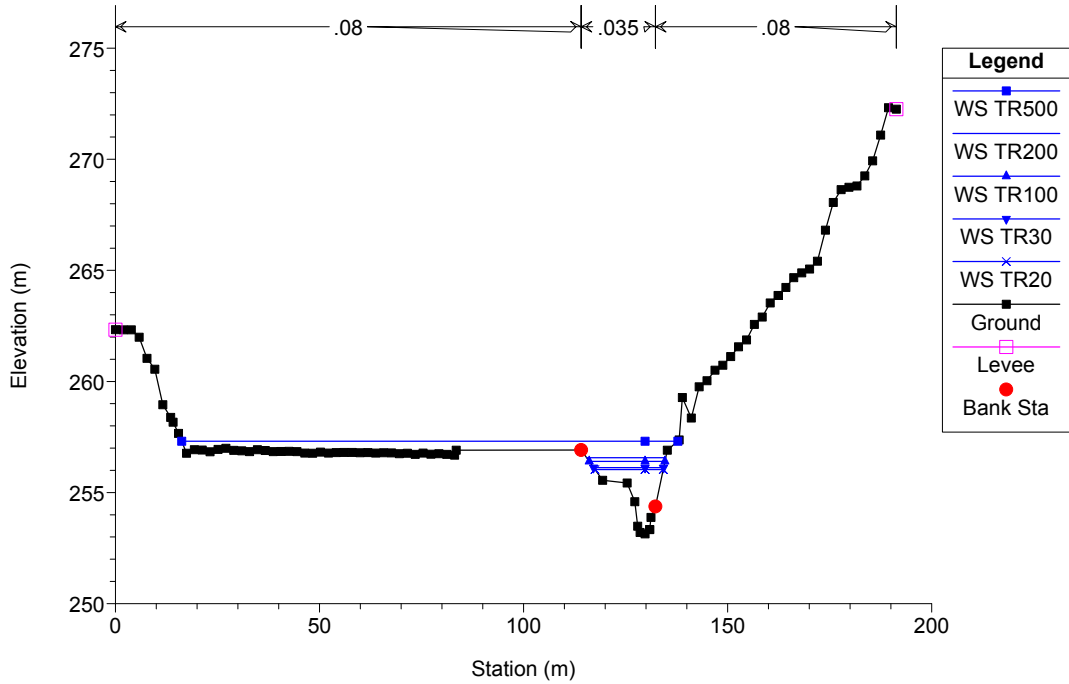
Lora Plan: Lora\_permanente 2/22/2011  
LOR05\_B valle ponte



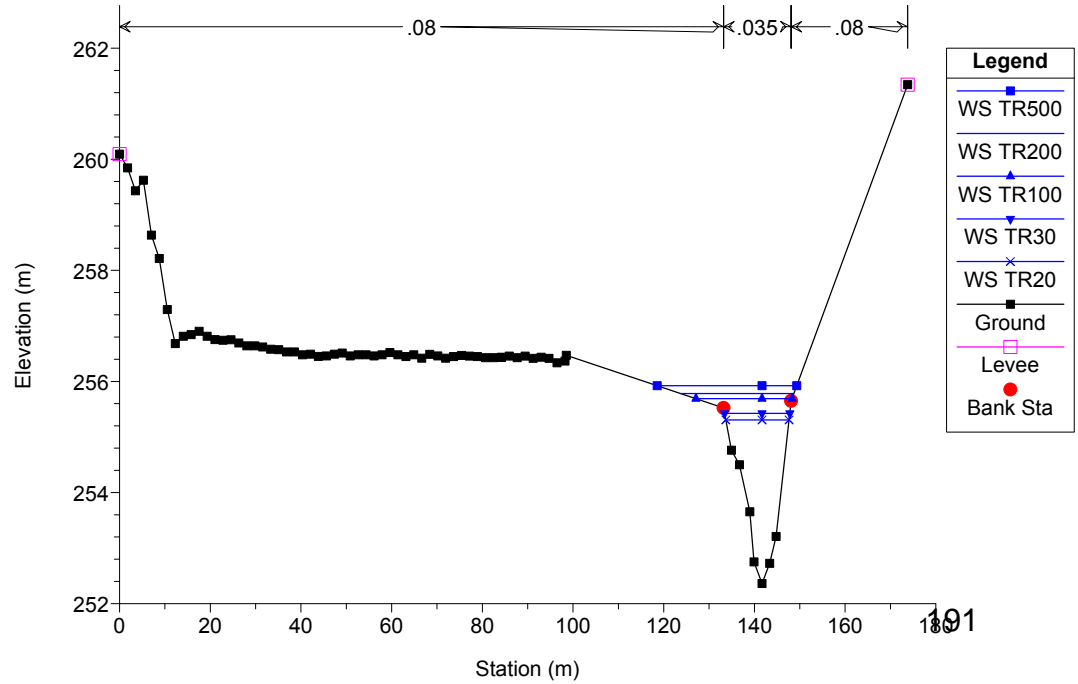
Lora Plan: Lora\_permanente 2/22/2011  
LOR05\_A



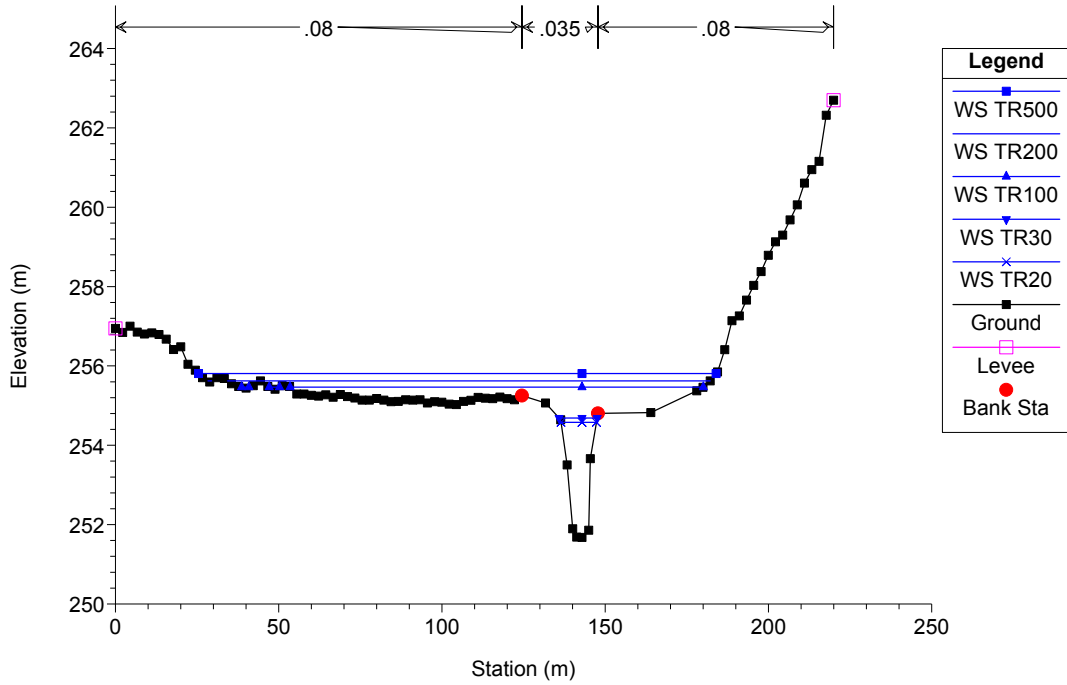
Lora Plan: Lora\_permanente 2/22/2011  
LOR04



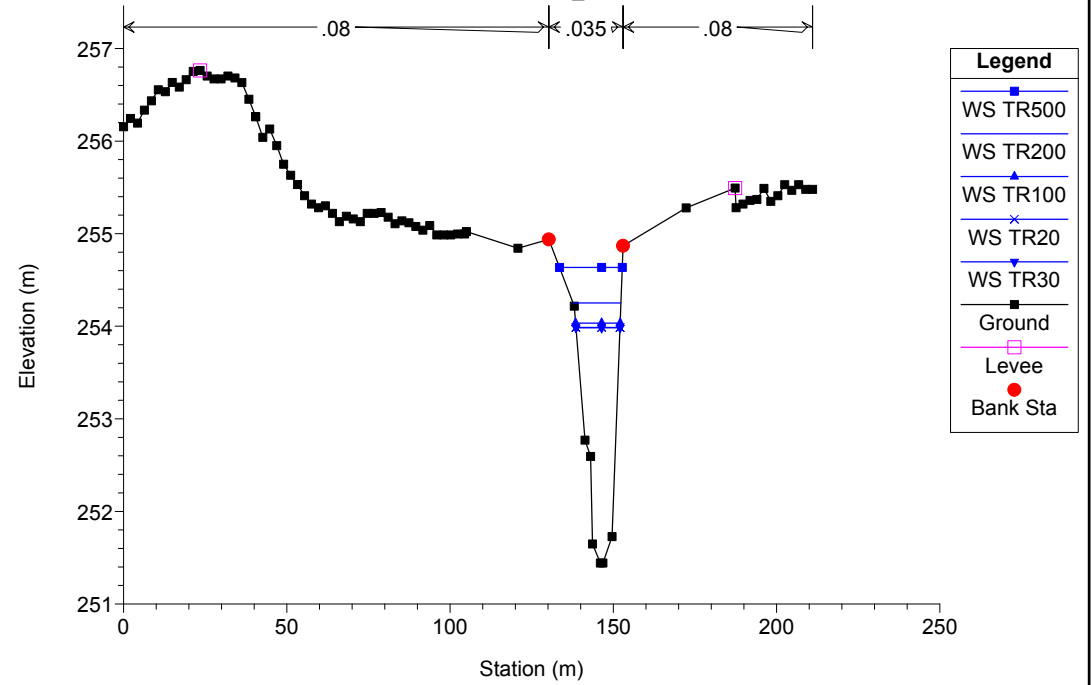
Lora Plan: Lora\_permanente 2/22/2011  
LOR03



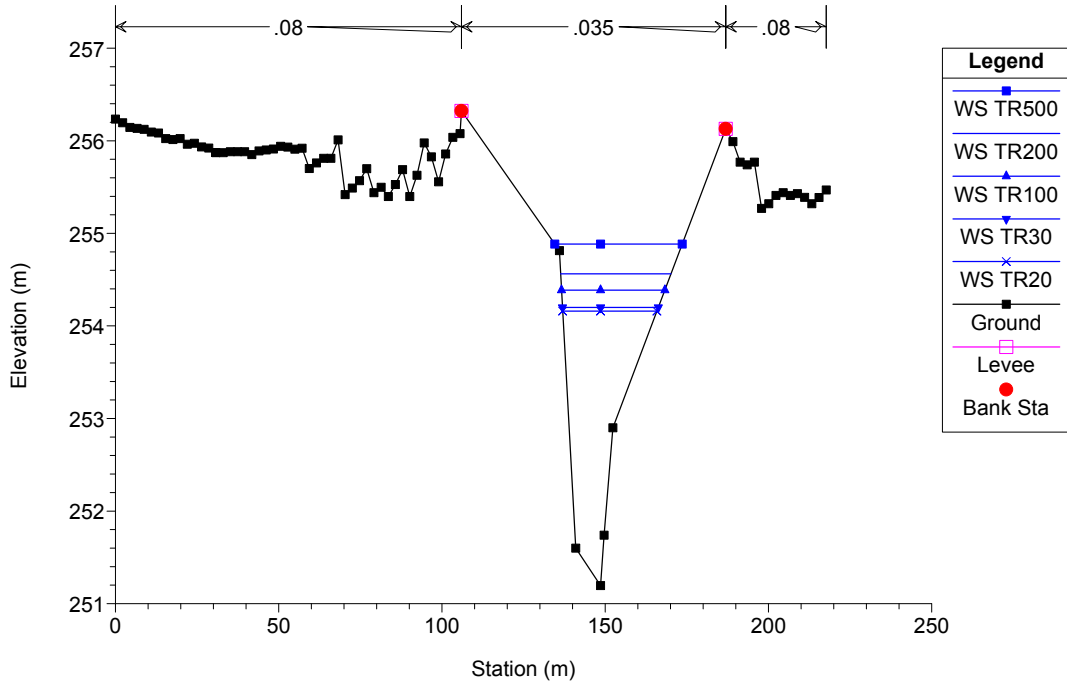
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LOR02



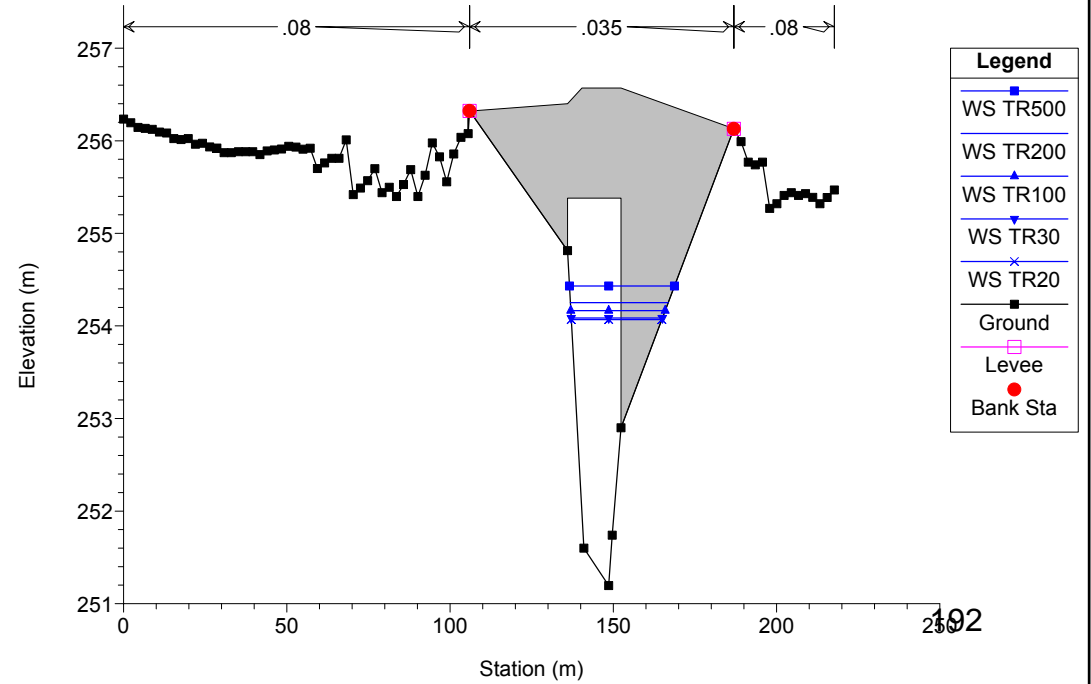
Lora Plan: Lora\_permanente 2/22/2011  
LOR01\_C



Lora Plan: Lora\_permanente 2/22/2011  
LOR01\_B monte ponte

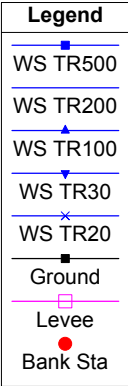
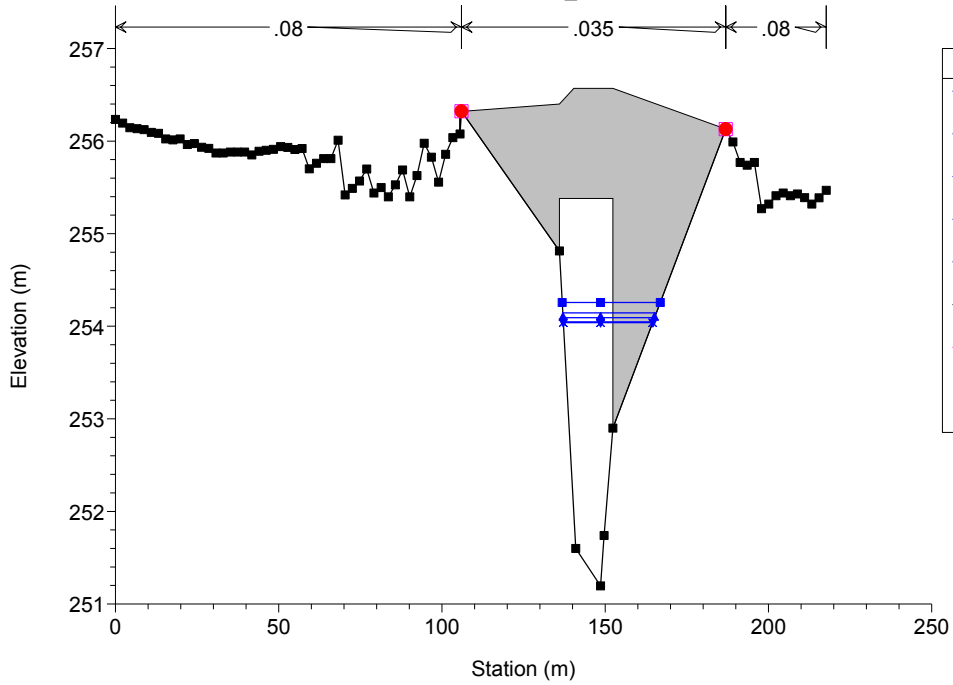


Lora Plan: Lora\_permanente 2/22/2011  
LOR01\_B



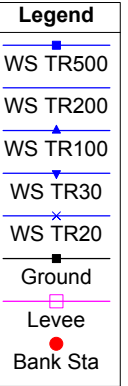
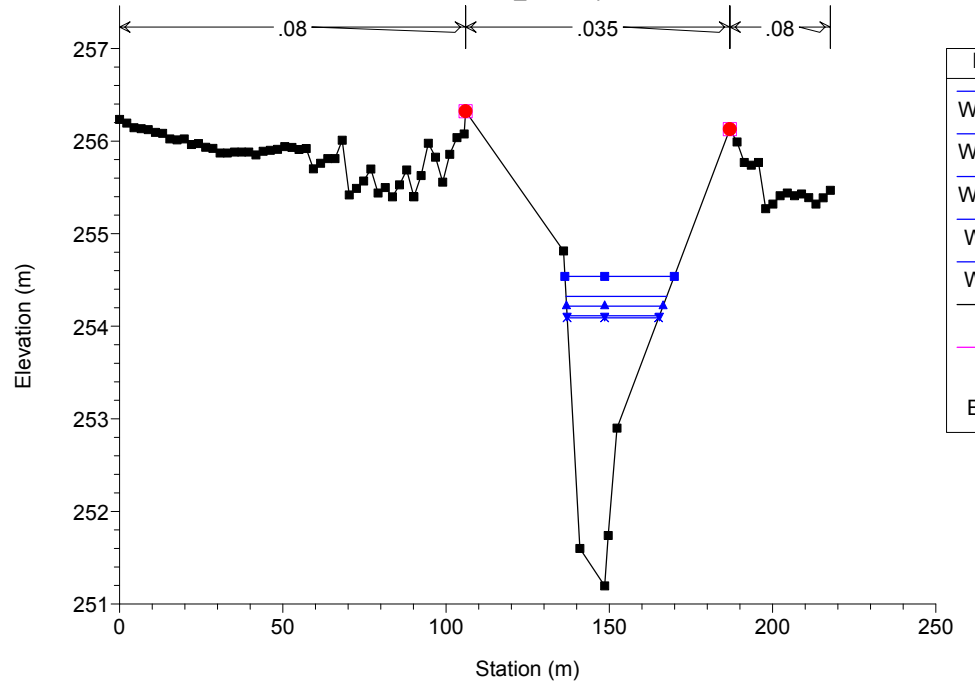
Lora Plan: Lora\_permanente 2/22/2011

LOR01\_B



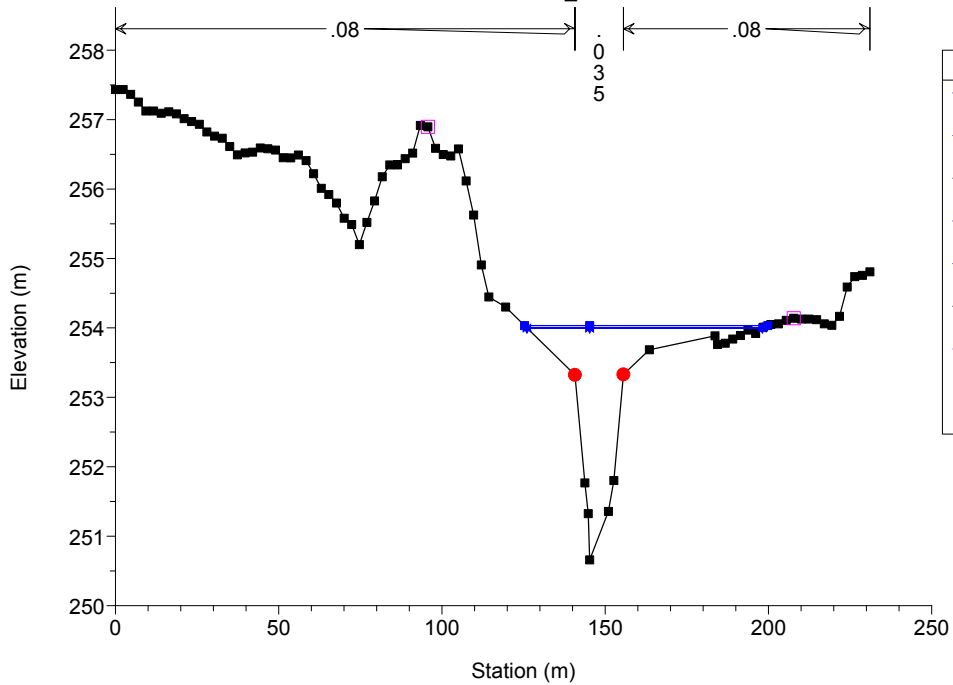
Lora Plan: Lora\_permanente 2/22/2011

LOR01\_B valle ponte



Lora Plan: Lora\_permanente 2/22/2011

LOR01\_A



Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
T.Lora	35	TR200	108.64	314.75	317.28	317.28	318.14	0.011842	4.11	26.42	15.32	1.00
T.Lora	35	TR100	93.18	314.75	317.09	317.09	317.88	0.012078	3.94	23.64	14.90	1.00
T.Lora	35	TR30	71.14	314.75	316.81	316.81	317.49	0.012490	3.65	19.49	14.25	1.00
T.Lora	35	TR20	64.82	314.75	316.72	316.72	317.36	0.012593	3.55	18.28	14.10	0.99
T.Lora	35	TR500	132.45	314.75	317.54	317.54	318.50	0.011463	4.33	30.60	15.93	1.00
T.Lora	34	TR200	108.64	312.80	314.48	315.05	316.18	0.041076	5.78	18.81	18.07	1.81
T.Lora	34	TR100	93.18	312.80	314.38	314.92	315.93	0.041191	5.52	16.89	17.44	1.79
T.Lora	34	TR30	71.14	312.80	314.21	314.64	315.52	0.041221	5.08	14.01	16.44	1.76
T.Lora	34	TR20	64.82	312.80	314.15	314.55	315.39	0.041433	4.94	13.12	16.12	1.75
T.Lora	34	TR500	132.45	312.80	314.64	315.24	316.54	0.042945	6.11	21.68	19.82	1.86
T.Lora	33	TR200	108.64	309.94	312.56	312.87	313.69	0.013205	4.82	27.44	28.02	1.10
T.Lora	33	TR100	93.18	309.94	312.36	312.63	313.45	0.014162	4.66	22.67	22.44	1.12
T.Lora	33	TR30	71.14	309.94	312.07	312.27	313.03	0.015759	4.34	16.94	16.21	1.14
T.Lora	33	TR20	64.82	309.94	311.97	312.16	312.89	0.016553	4.25	15.45	14.14	1.16
T.Lora	33	TR500	132.45	309.94	312.78	313.20	314.04	0.012975	5.13	34.61	36.21	1.11
T.Lora	32	TR200	108.64	304.75	307.56	308.06	309.25	0.023244	5.76	18.93	11.42	1.41
T.Lora	32	TR100	93.18	304.75	307.39	307.82	308.92	0.023313	5.48	17.02	10.94	1.39
T.Lora	32	TR30	71.14	304.75	307.11	307.46	308.41	0.023300	5.04	14.10	10.11	1.36
T.Lora	32	TR20	64.82	304.75	307.02	307.35	308.26	0.023400	4.93	13.14	9.78	1.36
T.Lora	32	TR500	132.45	304.75	307.80	308.62	309.71	0.023139	6.13	21.78	12.10	1.42
T.Lora	31	TR200	108.64	302.98	305.64	305.83	306.53	0.020031	4.19	25.96	22.38	1.24
T.Lora	31	TR100	93.18	302.98	305.54	305.69	306.32	0.018851	3.91	23.85	21.78	1.19
T.Lora	31	TR30	71.14	302.98	305.37	305.47	306.00	0.017616	3.51	20.29	20.73	1.13
T.Lora	31	TR20	64.82	302.98	305.31	305.40	305.90	0.017366	3.42	18.95	19.86	1.12
T.Lora	31	TR500	132.45	302.98	305.76	306.03	306.84	0.021937	4.59	28.86	23.17	1.31
T.Lora	30.3	TR200	108.64	300.10	304.75	303.06	304.86	0.001511	1.51	72.08	43.41	0.37
T.Lora	30.3	TR100	93.18	300.10	304.66	302.83	304.75	0.001313	1.37	68.06	42.52	0.35
T.Lora	30.3	TR30	71.14	300.10	304.50	302.47	304.56	0.000986	1.16	61.47	39.76	0.30
T.Lora	30.3	TR20	64.82	300.10	304.44	302.36	304.50	0.000888	1.09	59.47	38.89	0.28
T.Lora	30.3	TR500	132.45	300.10	304.88	303.74	305.03	0.001790	1.70	77.89	46.18	0.41
T.Lora	30.2	TR200	108.64	299.75	304.76	303.71	304.85	0.001628	1.32	82.12	61.43	0.37
T.Lora	30.2	TR100	93.18	299.75	304.66	303.47	304.74	0.001505	1.22	76.16	60.35	0.35
T.Lora	30.2	TR30	71.14	299.75	304.49	303.16	304.55	0.001244	1.07	66.60	55.80	0.31
T.Lora	30.2	TR20	64.82	299.75	304.44	303.04	304.50	0.001154	1.02	63.74	54.28	0.30
T.Lora	30.2	TR500	132.45	299.75	304.89	303.93	305.00	0.001797	1.46	90.53	62.82	0.39
T.Lora	30.15		Bridge									
T.Lora	30.1	TR200	108.64	299.75	303.07	303.71	304.68	0.042212	5.63	19.30	16.05	1.64
T.Lora	30.1	TR100	93.18	299.75	302.84	303.47	304.56	0.044106	5.82	16.02	12.44	1.64
T.Lora	30.1	TR30	71.14	299.75	302.20	303.16	304.34	0.040008	6.48	10.98	5.36	1.44
T.Lora	30.1	TR20	64.82	299.75	301.94	303.04	304.26	0.047829	6.75	9.60	5.23	1.59
T.Lora	30.1	TR500	132.45	299.75	303.34	303.93	304.85	0.037786	5.44	24.33	20.39	1.59
T.Lora	30	TR200	108.64	299.84	302.98	303.41	304.42	0.022389	5.31	20.47	11.81	1.29
T.Lora	30	TR100	93.18	299.84	302.54	303.15	304.31	0.029596	5.89	15.81	9.26	1.44
T.Lora	30	TR30	71.14	299.84	301.98	302.71	304.03	0.041517	6.34	11.22	7.52	1.66
T.Lora	30	TR20	64.82	299.84	301.87	302.55	303.85	0.042417	6.22	10.41	7.30	1.66
T.Lora	30	TR500	132.45	299.84	304.13	304.13	304.56	0.013584	2.92	45.40	52.22	1.00
T.Lora	29.3	TR200	108.64	298.43	301.53	301.61	302.40	0.010166	4.29	32.71	26.33	0.95
T.Lora	29.3	TR100	93.18	298.43	301.34	301.42	302.17	0.010500	4.14	27.85	24.15	0.95
T.Lora	29.3	TR30	71.14	298.43	301.09	301.10	301.78	0.009958	3.74	22.11	21.41	0.91
T.Lora	29.3	TR20	64.82	298.43	300.90	300.99	301.66	0.012219	3.88	18.35	19.40	1.00
T.Lora	29.3	TR500	132.45	298.43	301.78	301.88	302.72	0.010079	4.54	39.61	29.21	0.95
T.Lora	29.2	TR200	108.64	298.40	300.53	301.10	302.26	0.032816	5.83	18.64	14.58	1.64
T.Lora	29.2	TR100	93.18	298.40	300.37	300.91	302.02	0.035754	5.70	16.34	14.10	1.69
T.Lora	29.2	TR30	71.14	298.40	300.13	300.60	301.64	0.040206	5.43	13.09	13.36	1.75
T.Lora	29.2	TR20	64.82	298.40	300.05	300.51	301.52	0.042470	5.37	12.08	13.12	1.79
T.Lora	29.2	TR500	132.45	298.40	300.77	301.35	302.58	0.027817	5.98	22.60	20.50	1.55
T.Lora	29.15		Inl Struct									
T.Lora	29	TR200	108.64	295.50	298.23	298.20	299.30	0.012791	4.60	23.64	10.58	0.98
T.Lora	29	TR100	93.18	295.50	298.00	297.98	298.98	0.012903	4.40	21.19	10.45	0.99
T.Lora	29	TR30	71.14	295.50	297.63	297.63	298.48	0.013394	4.09	17.41	10.25	1.00
T.Lora	29	TR20	64.82	295.50	297.52	297.52	298.33	0.013543	3.98	16.29	10.18	1.00
T.Lora	29	TR500	132.45	295.50	298.61	298.53	299.77	0.012072	4.78	27.70	10.80	0.95
T.Lora	28	TR200	108.64	293.80	296.69	296.89	297.98	0.015582	5.02	21.62	10.96	1.14
T.Lora	28	TR100	93.18	293.80	296.48	296.66	297.66	0.015465	4.80	19.40	10.52	1.13

Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
T.Lora	28	TR30	71.14	293.80	296.17	296.28	297.15	0.014945	4.40	16.15	9.85	1.10
T.Lora	28	TR20	64.82	293.80	296.06	296.17	297.00	0.014823	4.28	15.15	9.64	1.09
T.Lora	28	TR500	132.45	293.80	296.98	297.27	298.43	0.015354	5.34	24.86	11.73	1.15
T.Lora	27	TR200	108.64	291.21	292.89	293.17	293.83	0.022280	4.30	25.26	24.62	1.36
T.Lora	27	TR100	93.18	291.21	292.78	293.02	293.64	0.021889	4.10	22.72	23.48	1.33
T.Lora	27	TR30	71.14	291.21	292.61	292.79	293.34	0.021168	3.77	18.89	21.65	1.29
T.Lora	27	TR20	64.82	291.21	292.56	292.72	293.24	0.021007	3.66	17.70	21.05	1.27
T.Lora	27	TR500	132.45	291.21	293.05	293.36	294.09	0.022564	4.51	29.34	26.85	1.38
T.Lora	26	TR200	108.64	287.92	289.98	290.45	291.56	0.026492	5.56	19.52	14.06	1.51
T.Lora	26	TR100	93.18	287.92	289.81	290.26	291.30	0.027910	5.40	17.25	13.57	1.53
T.Lora	26	TR30	71.14	287.92	289.57	289.97	290.89	0.030109	5.09	13.98	12.83	1.56
T.Lora	26	TR20	64.82	287.92	289.49	289.87	290.75	0.030849	4.98	13.01	12.61	1.56
T.Lora	26	TR500	132.45	287.92	290.22	290.72	291.91	0.024645	5.76	22.98	14.77	1.47
T.Lora	25	TR200	108.64	285.90	288.78	289.06	290.05	0.017939	5.00	21.73	12.34	1.20
T.Lora	25	TR100	93.18	285.90	288.56	288.82	289.77	0.018405	4.87	19.15	11.52	1.20
T.Lora	25	TR30	71.14	285.90	288.21	288.45	289.31	0.019266	4.65	15.31	10.17	1.21
T.Lora	25	TR20	64.82	285.90	288.09	288.33	289.16	0.019640	4.58	14.15	9.72	1.21
T.Lora	25	TR500	132.45	285.90	289.05	289.43	290.46	0.016979	5.26	25.90	18.41	1.19
T.Lora	24	TR200	108.64	283.44	285.96	286.46	287.48	0.021886	5.47	19.87	12.09	1.36
T.Lora	24	TR100	93.18	283.44	285.78	286.18	287.18	0.021786	5.24	17.80	11.56	1.35
T.Lora	24	TR30	71.14	283.44	285.50	285.82	286.70	0.021585	4.84	14.69	10.72	1.32
T.Lora	24	TR20	64.82	283.44	285.41	285.70	286.55	0.021566	4.72	13.74	10.45	1.31
T.Lora	24	TR500	132.45	283.44	286.19	286.79	287.91	0.022283	5.80	23.01	15.55	1.39
T.Lora	23	TR200	108.64	280.24	282.56	283.17	284.52	0.030387	6.19	17.54	11.32	1.59
T.Lora	23	TR100	93.18	280.24	282.40	282.95	284.20	0.030826	5.95	15.66	10.93	1.59
T.Lora	23	TR30	71.14	280.24	282.13	282.61	283.69	0.031600	5.53	12.87	10.32	1.58
T.Lora	23	TR20	64.82	280.24	282.05	282.51	283.53	0.031759	5.39	12.02	10.08	1.58
T.Lora	23	TR500	132.45	280.24	282.80	283.48	284.97	0.029775	6.52	20.33	11.87	1.59
T.Lora	22	TR200	108.64	278.31	280.90	281.25	282.24	0.022800	5.13	21.18	14.80	1.37
T.Lora	22	TR100	93.18	278.31	280.76	281.07	281.96	0.022550	4.86	19.19	14.50	1.35
T.Lora	22	TR30	71.14	278.31	280.53	280.79	281.54	0.021636	4.45	15.99	13.39	1.30
T.Lora	22	TR20	64.82	278.31	280.44	280.70	281.42	0.020776	4.38	14.79	12.23	1.27
T.Lora	22	TR500	132.45	278.31	281.09	281.51	282.63	0.023080	5.50	24.10	15.21	1.39
T.Lora	21	TR200	108.64	277.15	279.89	280.10	281.04	0.015543	4.75	22.86	13.56	1.17
T.Lora	21	TR100	93.18	277.15	279.69	279.89	280.77	0.015823	4.59	20.28	12.86	1.17
T.Lora	21	TR30	71.14	277.15	279.38	279.56	280.33	0.016438	4.34	16.41	11.74	1.17
T.Lora	21	TR20	64.82	277.15	279.28	279.45	280.20	0.016597	4.24	15.28	11.39	1.17
T.Lora	21	TR500	132.45	277.15	280.15	280.37	281.42	0.015192	4.99	26.56	14.31	1.17
T.Lora	20.4	TR200	108.64	276.14	279.62	278.97	280.05	0.005033	2.92	37.18	19.40	0.67
T.Lora	20.4	TR100	93.18	276.14	279.45	278.79	279.83	0.004223	2.72	34.22	17.26	0.62
T.Lora	20.4	TR30	71.14	276.14	279.16	278.51	279.46	0.003621	2.42	29.41	15.79	0.57
T.Lora	20.4	TR20	64.82	276.14	279.05	278.42	279.33	0.003561	2.33	27.76	15.58	0.56
T.Lora	20.4	TR500	132.45	276.14	279.79	279.23	280.33	0.006511	3.25	40.75	22.23	0.77
T.Lora	20.3	TR200	108.64	276.38	279.64	279.02	279.99	0.005250	2.64	41.21	27.22	0.68
T.Lora	20.3	TR100	93.18	276.38	279.45	278.79	279.78	0.004768	2.55	36.59	23.60	0.65
T.Lora	20.3	TR30	71.14	276.38	279.14	278.43	279.43	0.004057	2.37	29.99	18.90	0.60
T.Lora	20.3	TR20	64.82	276.38	279.03	278.32	279.30	0.003950	2.32	27.99	17.88	0.59
T.Lora	20.3	TR500	132.45	276.38	279.84	279.31	280.24	0.006089	2.81	47.15	31.75	0.74
T.Lora	20.2		Inl Struct									
T.Lora	20.1	TR200	108.64	273.44	277.48	276.05	277.92	0.003587	2.93	37.14	10.69	0.50
T.Lora	20.1	TR100	93.18	273.44	277.26	275.82	277.62	0.003093	2.67	34.84	10.26	0.46
T.Lora	20.1	TR30	71.14	273.44	276.92	275.46	277.18	0.002404	2.27	31.37	10.05	0.41
T.Lora	20.1	TR20	64.82	273.44	276.83	275.36	277.06	0.002168	2.13	30.45	10.00	0.39
T.Lora	20.1	TR500	132.45	273.44	277.79	276.38	278.33	0.004274	3.27	40.55	11.26	0.55
T.Lora	20	TR200	108.64	274.60	277.08	276.85	277.68	0.008284	3.44	31.58	19.53	0.86
T.Lora	20	TR100	93.18	274.60	276.87	276.68	277.44	0.008034	3.36	27.76	17.37	0.85
T.Lora	20	TR30	71.14	274.60	276.57	276.41	277.07	0.008268	3.13	22.76	16.30	0.84
T.Lora	20	TR20	64.82	274.60	276.48	276.32	276.95	0.008349	3.05	21.28	16.00	0.84
T.Lora	20	TR500	132.45	274.60	276.78	277.15	278.08	0.018921	5.04	26.27	16.99	1.29
T.Lora	19	TR200	108.64	273.19	276.63	276.19	277.16	0.005785	3.22	33.74	16.75	0.72
T.Lora	19	TR100	93.18	273.19	276.44	276.01	276.91	0.005612	3.04	30.64	16.27	0.71
T.Lora	19	TR30	71.14	273.19	276.06	275.72	276.49	0.006194	2.89	24.58	15.28	0.73
T.Lora	19	TR20	64.82	273.19	275.93	275.63	276.35	0.006499	2.86	22.69	14.95	0.74
T.Lora	19	TR500	132.45	273.19	276.76	276.45	277.45	0.007144	3.68	36.00	17.09	0.81

Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
T.Lora	18.4	TR200	108.64	272.36	276.46	275.48	276.83	0.003500	2.71	40.14	17.19	0.57
T.Lora	18.4	TR100	93.18	272.36	276.29	275.26	276.61	0.003014	2.50	37.31	16.04	0.52
T.Lora	18.4	TR30	71.14	272.36	275.90	274.91	276.16	0.002819	2.27	31.35	14.83	0.50
T.Lora	18.4	TR20	64.82	272.36	275.78	274.81	276.02	0.002759	2.20	29.52	14.44	0.49
T.Lora	18.4	TR500	132.45	272.36	276.50	275.78	277.04	0.005044	3.24	40.93	17.69	0.68
T.Lora	18.3	TR200	108.64	272.81	276.42	275.56	276.80	0.004029	2.74	39.63	19.45	0.61
T.Lora	18.3	TR100	93.18	272.81	276.25	275.35	276.58	0.003235	2.55	36.61	16.87	0.55
T.Lora	18.3	TR30	71.14	272.81	275.86	275.01	276.14	0.003141	2.35	30.27	15.42	0.54
T.Lora	18.3	TR20	64.82	272.81	275.73	274.90	276.00	0.003112	2.29	28.34	14.95	0.53
T.Lora	18.3	TR500	132.45	272.81	276.43	275.86	276.99	0.005982	3.33	39.80	19.65	0.75
T.Lora	18.2		Inl Struct									
T.Lora	18	TR200	108.64	270.24	273.77	272.82	274.17	0.004052	2.81	38.68	16.23	0.58
T.Lora	18	TR100	93.18	270.24	273.55	272.59	273.91	0.003829	2.65	35.19	15.45	0.56
T.Lora	18	TR30	71.14	270.24	273.20	272.27	273.49	0.003420	2.37	29.96	14.18	0.52
T.Lora	18	TR20	64.82	270.24	273.09	272.18	273.35	0.003272	2.28	28.40	13.78	0.51
T.Lora	18	TR500	132.45	270.24	274.08	273.15	274.55	0.004253	3.02	43.80	17.02	0.60
T.Lora	17	TR200	108.64	269.42	272.04	272.14	272.96	0.013352	4.25	25.58	16.45	1.09
T.Lora	17	TR100	93.18	269.42	271.87	271.96	272.72	0.013561	4.08	22.83	15.83	1.08
T.Lora	17	TR30	71.14	269.42	271.62	271.68	272.34	0.013340	3.75	18.98	14.82	1.06
T.Lora	17	TR20	64.82	269.42	271.54	271.58	272.21	0.012970	3.63	17.85	14.31	1.04
T.Lora	17	TR500	132.45	269.42	272.28	272.40	273.30	0.013141	4.48	29.59	17.33	1.09
T.Lora	16.4	TR200	108.64	268.51	270.92	270.92	271.64	0.011471	3.76	28.91	19.97	1.00
T.Lora	16.4	TR100	93.18	268.51	270.67	270.75	271.43	0.014194	3.86	24.12	18.82	1.09
T.Lora	16.4	TR30	71.14	268.51	270.43	270.51	271.09	0.015303	3.60	19.75	18.23	1.10
T.Lora	16.4	TR20	64.82	268.51	270.37	270.44	270.99	0.014922	3.48	18.65	17.83	1.08
T.Lora	16.4	TR500	132.45	268.51	271.38	271.38	271.92	0.012217	3.26	40.62	37.35	1.00
T.Lora	16.3	TR200	108.64	268.10	271.01	270.14	271.27	0.002570	2.25	48.29	25.57	0.50
T.Lora	16.3	TR100	93.18	268.10	270.84	269.99	271.06	0.002455	2.11	44.15	23.21	0.49
T.Lora	16.3	TR30	71.14	268.10	270.52	269.75	270.71	0.002374	1.92	37.00	21.89	0.47
T.Lora	16.3	TR20	64.82	268.10	270.42	269.67	270.59	0.002359	1.87	34.76	21.46	0.47
T.Lora	16.3	TR500	132.45	268.10	271.21	270.36	271.53	0.002780	2.50	54.40	35.31	0.53
T.Lora	16.2		Inl Struct									
T.Lora	16.1	TR200	108.64	266.44	269.71	269.71	270.58	0.013606	4.13	26.29	15.03	1.00
T.Lora	16.1	TR100	93.18	266.44	269.53	269.53	270.33	0.013864	3.95	23.62	14.81	1.00
T.Lora	16.1	TR30	71.14	266.44	269.26	269.26	269.93	0.014317	3.63	19.59	14.48	1.00
T.Lora	16.1	TR20	64.82	266.44	269.17	269.17	269.81	0.014646	3.54	18.31	14.37	1.00
T.Lora	16.1	TR500	132.45	266.44	269.96	269.96	270.95	0.013504	4.40	30.07	15.33	1.00
T.Lora	16	TR200	108.64	265.50	269.82	268.26	269.99	0.001471	1.82	59.62	23.46	0.36
T.Lora	16	TR100	93.18	265.50	269.22	268.06	269.42	0.002239	2.02	46.13	21.23	0.44
T.Lora	16	TR30	71.14	265.50	266.77	267.72	269.48	0.067677	7.30	9.75	8.18	2.13
T.Lora	16	TR20	64.82	265.50	266.67	267.46	269.35	0.073141	7.26	8.93	8.13	2.21
T.Lora	16	TR500	132.45	265.50	270.42	268.52	270.58	0.001170	1.78	74.49	25.69	0.33
T.Lora	15	TR200	108.64	265.23	269.73	267.93	269.87	0.000980	1.67	65.16	23.12	0.32
T.Lora	15	TR100	93.18	265.23	269.08	267.76	269.25	0.001481	1.84	50.62	21.30	0.38
T.Lora	15	TR30	71.14	265.23	268.22	267.51	268.45	0.002882	2.13	33.42	18.93	0.51
T.Lora	15	TR20	64.82	265.23	267.99	267.43	268.24	0.003603	2.23	29.09	18.29	0.56
T.Lora	15	TR500	132.45	265.23	270.35	268.16	270.49	0.000962	1.64	80.84	32.10	0.32
T.Lora	14.4	TR200	108.64	264.83	269.73	267.30	269.81	0.000479	1.25	91.33	49.12	0.23
T.Lora	14.4	TR100	93.18	264.83	269.07	267.13	269.16	0.000746	1.38	67.47	26.88	0.28
T.Lora	14.4	TR30	71.14	264.83	268.19	266.86	268.31	0.001203	1.55	45.98	22.10	0.34
T.Lora	14.4	TR20	64.82	264.83	267.94	266.78	268.07	0.001397	1.59	40.70	20.98	0.36
T.Lora	14.4	TR500	132.45	264.83	270.36	267.54	270.43	0.000348	1.21	152.48	146.51	0.20
T.Lora	14.3	TR200	108.64	264.61	269.72	267.38	269.81	0.000549	1.29	93.64	76.71	0.24
T.Lora	14.3	TR100	93.18	264.61	269.05	267.19	269.16	0.000893	1.45	64.44	26.78	0.30
T.Lora	14.3	TR30	71.14	264.61	268.16	266.88	268.30	0.001557	1.66	42.80	21.75	0.38
T.Lora	14.3	TR20	64.82	264.61	267.91	266.78	268.06	0.001839	1.73	37.52	20.33	0.41
T.Lora	14.3	TR500	132.45	264.61	270.36	267.65	270.43	0.000375	1.22	160.36	150.13	0.21
T.Lora	14.2		Bridge									
T.Lora	14.1	TR200	108.64	264.61	266.47	267.38	269.51	0.071167	7.73	14.06	12.21	2.30
T.Lora	14.1	TR100	93.18	264.61	266.40	267.19	268.92	0.061200	7.03	13.26	11.83	2.12
T.Lora	14.1	TR30	71.14	264.61	266.27	266.88	268.13	0.048812	6.03	11.79	11.11	1.87
T.Lora	14.1	TR20	64.82	264.61	266.23	266.78	267.91	0.045506	5.74	11.29	10.85	1.80
T.Lora	14.1	TR500	132.45	264.61	266.63	267.65	270.09	0.074155	8.24	16.07	13.10	2.38

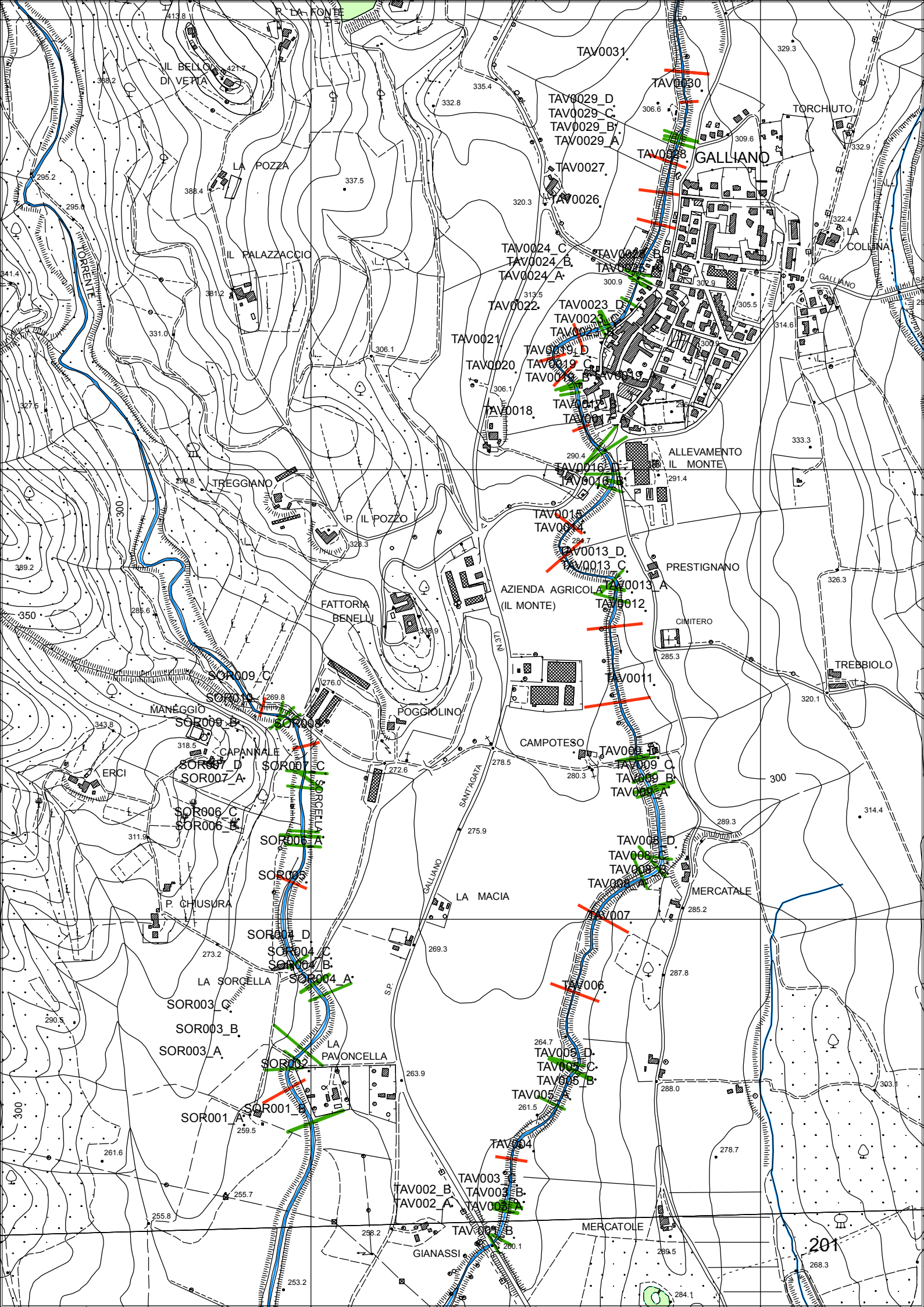
Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
T.Lora	13.3	TR200	108.64	264.46	266.50	267.21	268.90	0.067114	6.87	15.82	16.51	2.24
T.Lora	13.3	TR100	93.18	264.46	266.46	267.04	268.39	0.056505	6.16	15.14	16.37	2.04
T.Lora	13.3	TR30	71.14	264.46	267.37	266.79	267.63	0.003653	2.26	31.47	19.32	0.57
T.Lora	13.3	TR20	64.82	264.46	267.26	266.72	267.51	0.003731	2.21	29.33	18.96	0.57
T.Lora	13.3	TR500	132.45	264.46	266.61	267.43	269.47	0.071265	7.50	17.66	16.86	2.34
T.Lora	13.2		Bridge									
T.Lora	13.1	TR200	108.64	264.46	267.73	267.21	268.13	0.004726	2.82	38.50	20.45	0.66
T.Lora	13.1	TR100	93.18	264.46	267.55	267.04	267.91	0.004642	2.67	34.86	19.87	0.64
T.Lora	13.1	TR30	71.14	264.46	267.24	266.79	267.55	0.004650	2.45	29.00	18.90	0.63
T.Lora	13.1	TR20	64.82	264.46	267.14	266.72	267.43	0.004778	2.40	26.98	18.55	0.64
T.Lora	13.1	TR500	132.45	264.46	266.88	267.43	268.66	0.034636	5.91	22.43	17.75	1.68
T.Lora	13	TR200	108.64	264.57	267.54	267.21	268.05	0.006977	3.17	34.26	21.01	0.79
T.Lora	13	TR100	93.18	264.57	267.36	266.99	267.83	0.006673	3.04	30.68	19.36	0.77
T.Lora	13	TR30	71.14	264.57	267.09	266.68	267.47	0.005809	2.76	25.77	16.84	0.71
T.Lora	13	TR20	64.82	264.57	266.99	266.59	267.36	0.005554	2.68	24.20	15.96	0.69
T.Lora	13	TR500	132.45	264.57	267.74	267.49	268.34	0.007687	3.42	38.77	22.92	0.84
T.Lora	12.4	TR200	108.64	263.45	266.64	265.78	266.90	0.002791	2.30	47.23	23.46	0.52
T.Lora	12.4	TR100	93.18	263.45	266.41	265.63	266.66	0.002829	2.21	42.16	22.53	0.52
T.Lora	12.4	TR30	71.14	263.45	266.05	265.38	266.27	0.002958	2.07	34.33	21.00	0.52
T.Lora	12.4	TR20	64.82	263.45	265.94	265.30	266.15	0.003036	2.03	31.87	20.50	0.52
T.Lora	12.4	TR500	132.45	263.45	266.88	266.01	267.20	0.002971	2.49	53.19	24.52	0.54
T.Lora	12.2	TR200	108.64	260.57	266.78	262.97	266.83	0.000202	1.00	109.41	25.79	0.15
T.Lora	12.2	TR100	93.18	260.57	266.56	262.79	266.60	0.000173	0.90	103.77	24.15	0.13
T.Lora	12.2	TR30	71.14	260.57	266.19	262.50	266.21	0.000131	0.75	95.14	22.66	0.12
T.Lora	12.2	TR20	64.82	260.57	266.06	262.41	266.09	0.000118	0.70	92.39	22.59	0.11
T.Lora	12.2	TR500	132.45	260.57	267.05	263.23	267.12	0.000253	1.15	117.97	43.18	0.16
T.Lora	12.1	TR200	108.64	263.65	266.47	265.73	266.81	0.003735	2.58	42.17	22.21	0.60
T.Lora	12.1	TR100	93.18	263.65	266.26	265.55	266.57	0.003707	2.48	37.65	20.94	0.59
T.Lora	12.1	TR30	71.14	263.65	265.92	265.27	266.19	0.003582	2.30	30.94	18.71	0.57
T.Lora	12.1	TR20	64.82	263.65	265.81	265.18	266.07	0.003537	2.24	28.92	17.99	0.56
T.Lora	12.1	TR500	132.45	263.65	266.68	266.00	267.09	0.004136	2.81	47.08	23.43	0.63
T.Lora	12.05		Inl Struct									
T.Lora	12	TR200	108.64	262.27	264.92	264.44	265.43	0.005441	3.15	34.50	16.76	0.70
T.Lora	12	TR100	93.18	262.27	264.77	264.26	265.20	0.004998	2.92	31.95	16.42	0.67
T.Lora	12	TR30	71.14	262.27	264.44	263.98	264.80	0.004957	2.67	26.61	15.69	0.66
T.Lora	12	TR20	64.82	262.27	264.33	263.89	264.67	0.004970	2.60	24.95	15.46	0.65
T.Lora	12	TR500	132.45	262.27	265.04	264.70	265.71	0.006902	3.63	36.46	17.01	0.79
T.Lora	11.4	TR200	108.64	261.89	264.80	264.00	265.11	0.003021	2.46	44.15	20.67	0.54
T.Lora	11.4	TR100	93.18	261.89	264.58	263.84	264.86	0.003034	2.34	39.74	20.17	0.53
T.Lora	11.4	TR30	71.14	261.89	264.25	263.60	264.48	0.003051	2.15	33.10	19.40	0.53
T.Lora	11.4	TR20	64.82	261.89	264.14	263.52	264.36	0.003055	2.08	31.10	19.17	0.52
T.Lora	11.4	TR500	132.45	261.89	265.10	264.22	265.45	0.003008	2.62	50.60	21.37	0.54
T.Lora	11.3		Inl Struct									
T.Lora	11.1	TR200	108.64	261.53	264.28	263.80	264.73	0.005035	2.97	36.55	19.06	0.69
T.Lora	11.1	TR100	93.18	261.53	264.07	263.63	264.49	0.005179	2.86	32.58	18.47	0.69
T.Lora	11.1	TR30	71.14	261.53	263.74	263.38	264.10	0.005485	2.67	26.60	17.56	0.69
T.Lora	11.1	TR20	64.82	261.53	263.63	263.30	263.98	0.005606	2.61	24.80	17.27	0.70
T.Lora	11.1	TR500	132.45	261.53	264.58	264.04	265.08	0.004892	3.13	42.33	19.89	0.68
T.Lora	10	TR200	108.64	260.00	263.23	263.03	263.93	0.008530	3.72	29.19	15.65	0.87
T.Lora	10	TR100	93.18	260.00	263.01	262.82	263.67	0.008687	3.60	25.86	14.79	0.87
T.Lora	10	TR30	71.14	260.00	262.66	262.48	263.25	0.008892	3.40	20.93	13.32	0.87
T.Lora	10	TR20	64.82	260.00	262.55	262.37	263.11	0.008942	3.33	19.47	12.85	0.86
T.Lora	10	TR500	132.45	260.00	263.52	263.31	264.30	0.008391	3.92	33.82	16.53	0.87
T.Lora	9	TR200	108.64	258.53	261.78	261.78	262.72	0.011476	4.30	25.29	13.42	1.00
T.Lora	9	TR100	93.18	258.53	261.57	261.55	262.44	0.011461	4.13	22.57	12.73	0.99
T.Lora	9	TR30	71.14	258.53	261.25	261.21	261.99	0.011184	3.81	18.69	11.76	0.96
T.Lora	9	TR20	64.82	258.53	261.15	261.10	261.85	0.011074	3.70	17.54	11.46	0.95
T.Lora	9	TR500	132.45	258.53	262.08	262.08	263.11	0.011229	4.48	29.55	14.45	1.00
T.Lora	8	TR200	108.64	258.15	261.30	260.76	261.81	0.005083	3.18	34.23	16.51	0.69
T.Lora	8	TR100	93.18	258.15	261.06	260.55	261.54	0.005168	3.05	30.53	15.33	0.69
T.Lora	8	TR30	71.14	258.15	260.68	260.23	261.10	0.005386	2.87	24.79	14.21	0.69
T.Lora	8	TR20	64.82	258.15	260.55	260.14	260.96	0.005488	2.81	23.05	13.85	0.70
T.Lora	8	TR500	132.45	258.15	261.61	261.04	262.19	0.004963	3.37	39.94	19.92	0.69

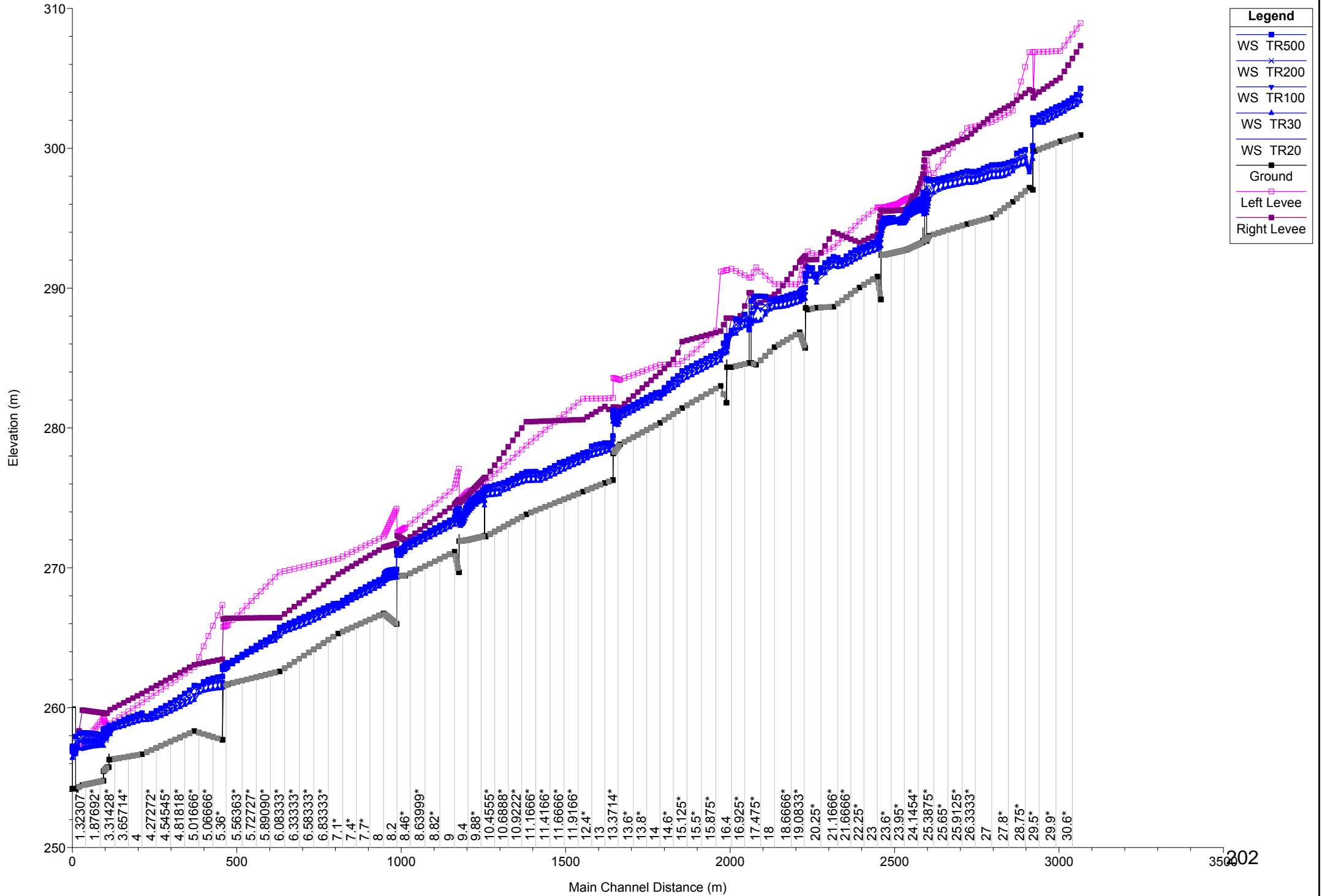
Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
T.Lora	7.4	TR200	108.64	256.93	260.28	260.28	261.23	0.012033	4.30	25.25	13.32	1.00
T.Lora	7.4	TR100	93.18	256.93	260.05	260.05	260.95	0.012282	4.18	22.29	12.44	1.00
T.Lora	7.4	TR30	71.14	256.93	259.67	259.67	260.48	0.012830	3.99	17.84	10.97	1.00
T.Lora	7.4	TR20	64.82	256.93	259.55	259.55	260.34	0.012975	3.92	16.54	10.51	1.00
T.Lora	7.4	TR500	132.45	256.93	260.60	260.60	261.62	0.011711	4.47	29.64	14.54	1.00
T.Lora	7.2	TR200	108.64	256.73	260.27	259.48	260.67	0.002925	2.91	47.06	24.05	0.56
T.Lora	7.2	TR100	93.18	256.73	259.99	259.29	260.37	0.003168	2.81	40.48	22.54	0.57
T.Lora	7.2	TR30	71.14	256.73	258.51	259.01	260.13	0.042948	5.66	12.95	14.65	1.80
T.Lora	7.2	TR20	64.82	256.73	258.45	258.92	259.99	0.044220	5.51	12.06	14.32	1.81
T.Lora	7.2	TR500	132.45	256.73	260.69	259.75	261.11	0.002608	3.01	57.60	26.28	0.54
T.Lora	7.15		Bridge									
T.Lora	7.1	TR200	108.64	256.73	259.21	259.52	260.51	0.017045	5.17	24.60	18.41	1.24
T.Lora	7.1	TR100	93.18	256.73	259.08	259.33	260.22	0.016605	4.84	22.16	17.69	1.21
T.Lora	7.1	TR30	71.14	256.73	258.87	259.04	259.78	0.015732	4.29	18.54	16.56	1.15
T.Lora	7.1	TR20	64.82	256.73	258.80	258.95	259.64	0.015518	4.13	17.42	16.20	1.13
T.Lora	7.1	TR500	132.45	256.73	259.40	259.80	260.93	0.017855	5.65	28.06	19.39	1.29
T.Lora	7	TR200	108.64	256.52	259.66	259.24	260.27	0.006317	3.47	31.28	14.81	0.76
T.Lora	7	TR100	93.18	256.52	259.44	259.03	260.00	0.006215	3.31	28.11	14.15	0.75
T.Lora	7	TR30	71.14	256.52	259.09	258.69	259.56	0.006025	3.04	23.37	13.16	0.73
T.Lora	7	TR20	64.82	256.52	258.98	258.59	259.42	0.005963	2.96	21.94	12.85	0.72
T.Lora	7	TR500	132.45	256.52	259.12	259.54	260.70	0.019964	5.58	23.76	13.25	1.33
T.Lora	6	TR200	108.64	255.67	258.69	258.69	259.59	0.011513	4.19	25.92	14.41	1.00
T.Lora	6	TR100	93.18	255.67	258.49	258.49	259.32	0.011793	4.04	23.07	13.87	1.00
T.Lora	6	TR30	71.14	255.67	258.18	258.18	258.90	0.012076	3.75	18.96	13.04	0.99
T.Lora	6	TR20	64.82	255.67	258.10	258.08	258.77	0.011859	3.62	17.89	12.82	0.98
T.Lora	6	TR500	132.45	255.67	258.97	258.97	259.96	0.011217	4.40	30.10	15.18	1.00
T.Lora	5.4	TR200	108.64	255.09	258.18	257.67	258.54	0.003172	2.83	55.04	40.81	0.57
T.Lora	5.4	TR100	93.18	255.09	257.95	257.42	258.31	0.003422	2.76	45.92	38.97	0.58
T.Lora	5.4	TR30	71.14	255.09	257.58	257.07	257.93	0.003941	2.64	32.37	34.04	0.60
T.Lora	5.4	TR20	64.82	255.09	257.48	256.96	257.81	0.004013	2.57	29.00	30.22	0.60
T.Lora	5.4	TR500	132.45	255.09	258.51	257.92	258.88	0.002856	2.91	68.99	43.48	0.55
T.Lora	5.3	TR200	108.64	255.09	258.30	257.36	258.47	0.001842	1.81	63.31	43.09	0.41
T.Lora	5.3	TR100	93.18	255.09	258.07	257.23	258.23	0.002045	1.77	53.47	42.45	0.43
T.Lora	5.3	TR30	71.14	255.09	257.70	257.05	257.85	0.002467	1.71	41.59	28.71	0.45
T.Lora	5.3	TR20	64.82	255.09	257.59	256.99	257.73	0.002619	1.69	38.38	28.26	0.46
T.Lora	5.3	TR500	132.45	255.09	258.63	257.54	258.81	0.001615	1.86	77.74	44.01	0.39
T.Lora	5.25		Bridge									
T.Lora	5.2	TR200	108.64	255.09	258.24	257.36	258.42	0.002037	1.87	60.80	42.92	0.43
T.Lora	5.2	TR100	93.18	255.09	258.01	257.23	258.18	0.002299	1.84	50.94	37.41	0.45
T.Lora	5.2	TR30	71.14	255.09	257.63	257.05	257.79	0.002890	1.80	39.49	28.42	0.49
T.Lora	5.2	TR20	64.82	255.09	257.51	256.99	257.67	0.003141	1.79	36.17	27.94	0.50
T.Lora	5.2	TR500	132.45	255.09	258.58	257.54	258.76	0.001749	1.91	75.42	43.86	0.41
T.Lora	5	TR200	108.64	254.17	257.45	257.34	258.23	0.009698	3.89	27.89	15.50	0.93
T.Lora	5	TR100	93.18	254.17	257.26	257.12	257.97	0.009482	3.73	24.95	14.49	0.91
T.Lora	5	TR30	71.14	254.17	256.95	256.77	257.55	0.008836	3.43	20.72	12.90	0.86
T.Lora	5	TR20	64.82	254.17	256.85	256.66	257.41	0.008679	3.33	19.44	12.48	0.85
T.Lora	5	TR500	132.45	254.17	257.68	257.64	258.58	0.010586	4.21	31.46	16.64	0.98
T.Lora	4	TR200	108.64	253.14	256.57	256.57	257.35	0.011576	3.95	29.45	19.42	1.00
T.Lora	4	TR100	93.18	253.14	256.40	256.40	257.12	0.011838	3.80	26.17	18.55	1.00
T.Lora	4	TR30	71.14	253.14	256.13	256.13	256.75	0.012385	3.55	21.27	17.17	1.00
T.Lora	4	TR20	64.82	253.14	256.03	256.03	256.64	0.012706	3.48	19.74	16.72	1.00
T.Lora	4	TR500	132.45	253.14	257.31	257.16	257.63	0.003553	2.73	90.36	121.56	0.59
T.Lora	3	TR200	108.64	252.36	255.78	255.59	256.49	0.008012	3.72	30.35	24.96	0.85
T.Lora	3	TR100	93.18	252.36	255.69	255.39	256.26	0.006948	3.36	28.24	21.20	0.79
T.Lora	3	TR30	71.14	252.36	255.43	255.07	255.88	0.006390	2.99	23.83	14.39	0.74
T.Lora	3	TR20	64.82	252.36	255.31	254.96	255.74	0.006483	2.93	22.16	13.96	0.74
T.Lora	3	TR500	132.45	252.36	255.92	255.92	256.82	0.009306	4.20	34.31	30.79	0.93
T.Lora	2	TR200	108.64	251.68	255.62	255.41	255.81	0.003425	2.18	93.79	148.94	0.54
T.Lora	2	TR100	93.18	251.68	255.47	255.30	255.68	0.004085	2.23	71.88	131.99	0.58
T.Lora	2	TR30	71.14	251.68	254.69	254.34	255.27	0.008429	3.40	20.94	11.64	0.81
T.Lora	2	TR20	64.82	251.68	254.58	254.20	255.13	0.007828	3.28	19.75	10.82	0.78
T.Lora	2	TR500	132.45	251.68	255.81	255.54	255.98	0.002990	2.18	122.47	158.51	0.51
T.Lora	1.4	TR200	108.64	251.44	254.25	254.25	255.14	0.011611	4.17	26.06	14.67	1.00
T.Lora	1.4	TR100	93.18	251.44	254.03	254.03	254.87	0.011767	4.05	23.00	13.65	1.00



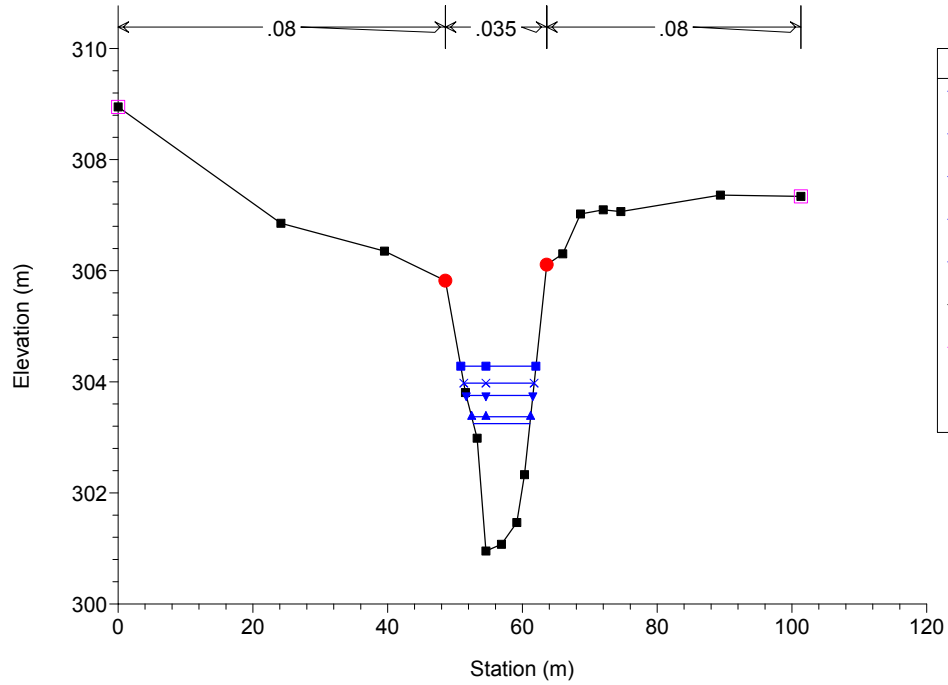
Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
T.Lora	1.4	TR30	71.14	251.44	253.98	253.70	254.50	0.007454	3.19	22.31	13.48	0.79
T.Lora	1.4	TR20	64.82	251.44	253.99	253.60	254.42	0.006147	2.90	22.37	13.49	0.72
T.Lora	1.4	TR500	132.45	251.44	254.64	254.64	255.48	0.011473	4.07	32.56	19.21	1.00
T.Lora	1.2	TR200	108.64	251.20	254.56	253.69	254.76	0.002608	1.97	55.14	33.81	0.49
T.Lora	1.2	TR100	93.18	251.20	254.39	253.52	254.57	0.002545	1.89	49.35	31.64	0.48
T.Lora	1.2	TR30	71.14	251.20	254.20	253.22	254.34	0.002019	1.63	43.67	29.36	0.43
T.Lora	1.2	TR20	64.82	251.20	254.16	253.11	254.28	0.001795	1.53	42.50	28.86	0.40
T.Lora	1.2	TR500	132.45	251.20	254.88	253.92	255.09	0.002485	1.99	66.67	39.05	0.49
T.Lora	1.15		Bridge									
T.Lora	1.1	TR200	108.64	251.20	254.32	253.69	254.59	0.003838	2.29	47.37	30.86	0.59
T.Lora	1.1	TR100	93.18	251.20	254.22	253.52	254.44	0.003368	2.11	44.17	29.56	0.55
T.Lora	1.1	TR30	71.14	251.20	254.11	253.22	254.27	0.002344	1.73	41.16	28.29	0.46
T.Lora	1.1	TR20	64.82	251.20	254.09	253.11	254.22	0.002021	1.60	40.54	28.02	0.42
T.Lora	1.1	TR500	132.45	251.20	254.54	253.92	254.84	0.004027	2.44	54.33	33.51	0.61
T.Lora	1	TR200	108.64	250.66	254.00	253.53	254.46	0.004335	3.07	48.66	72.12	0.65
T.Lora	1	TR100	93.18	250.66	254.00	253.32	254.34	0.003189	2.63	48.66	72.12	0.56
T.Lora	1	TR30	71.14	250.66	254.00	253.01	254.20	0.001859	2.01	48.66	72.12	0.43
T.Lora	1	TR20	64.82	250.66	254.00	252.91	254.16	0.001543	1.83	48.66	72.12	0.39
T.Lora	1	TR500	132.45	250.66	254.03	254.03	254.68	0.006043	3.66	51.12	74.52	0.77

# TORRENTE TAVAIANO

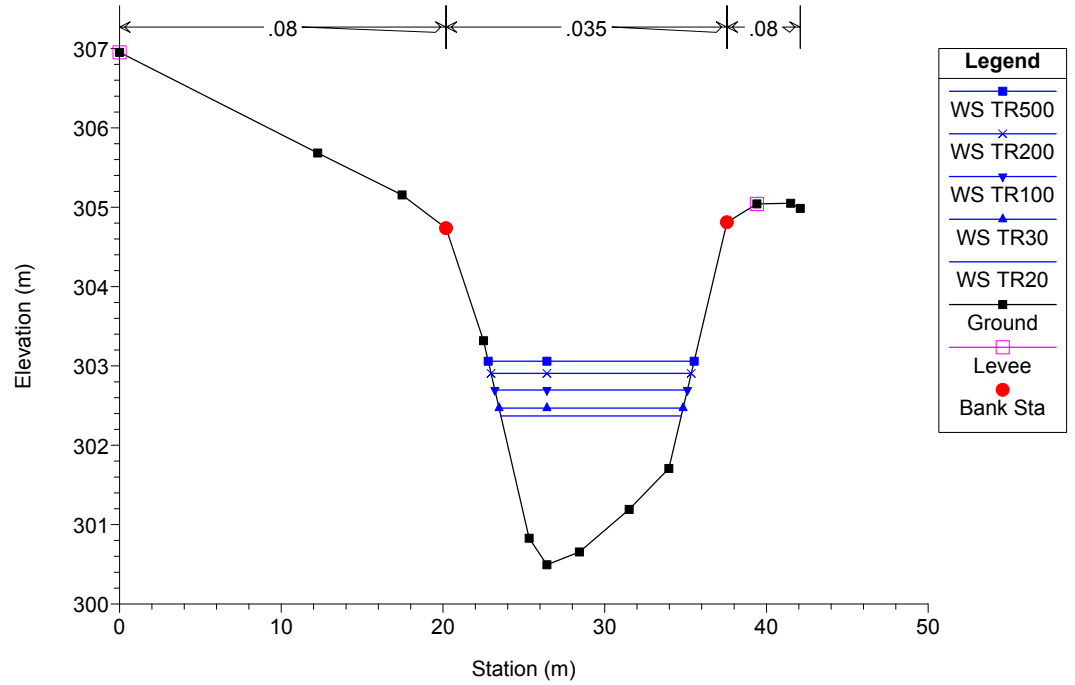




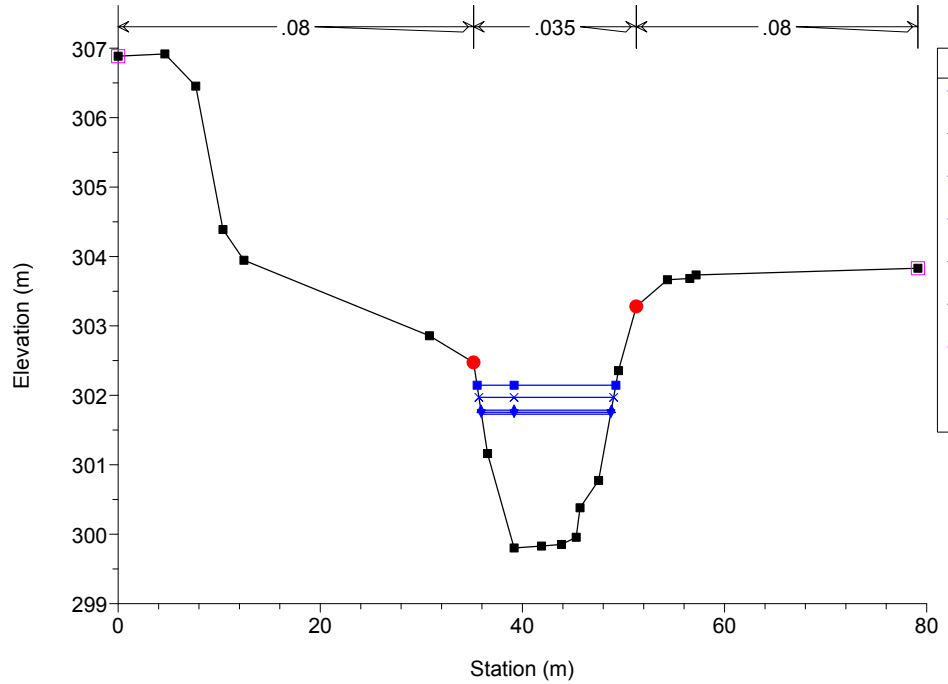
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TAV0031



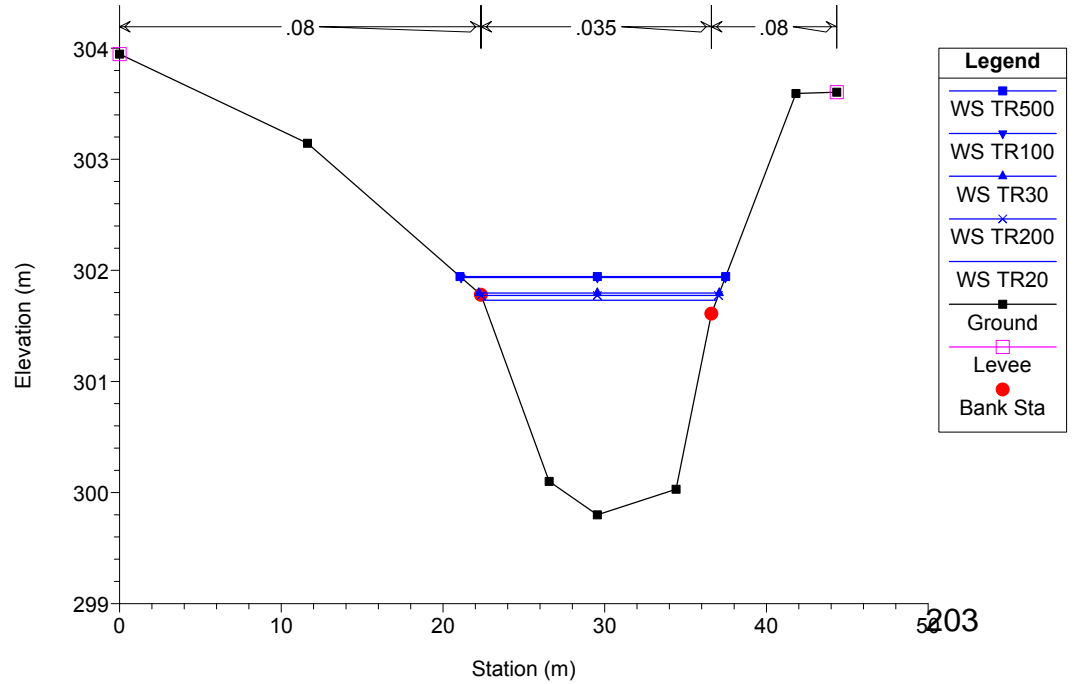
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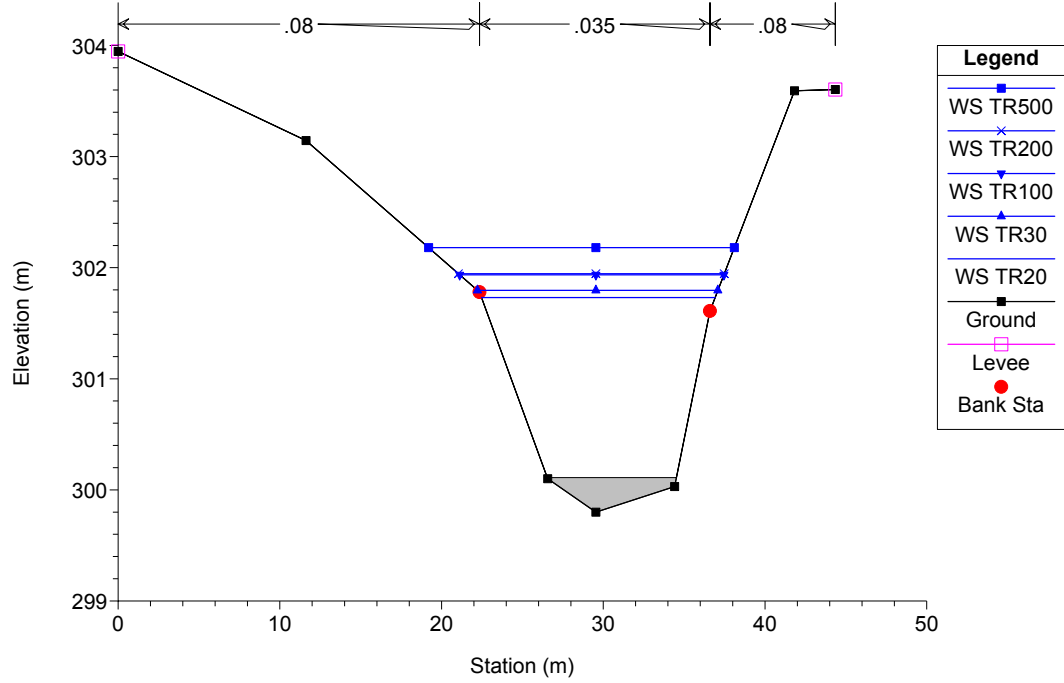
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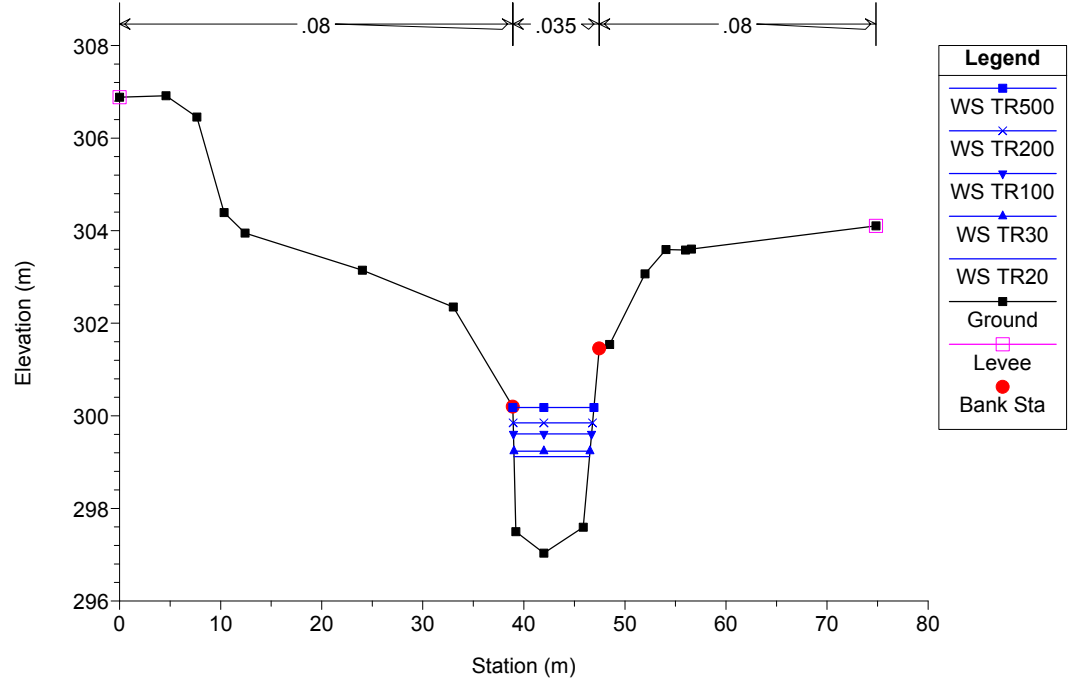
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TAV0029\_C1 monte briglia



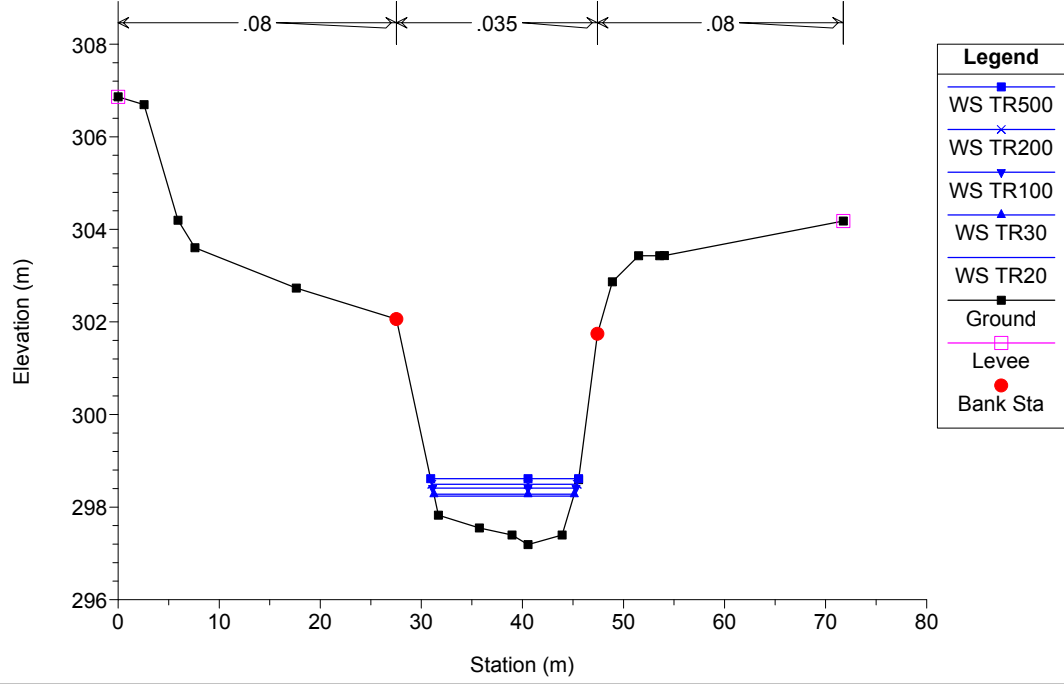
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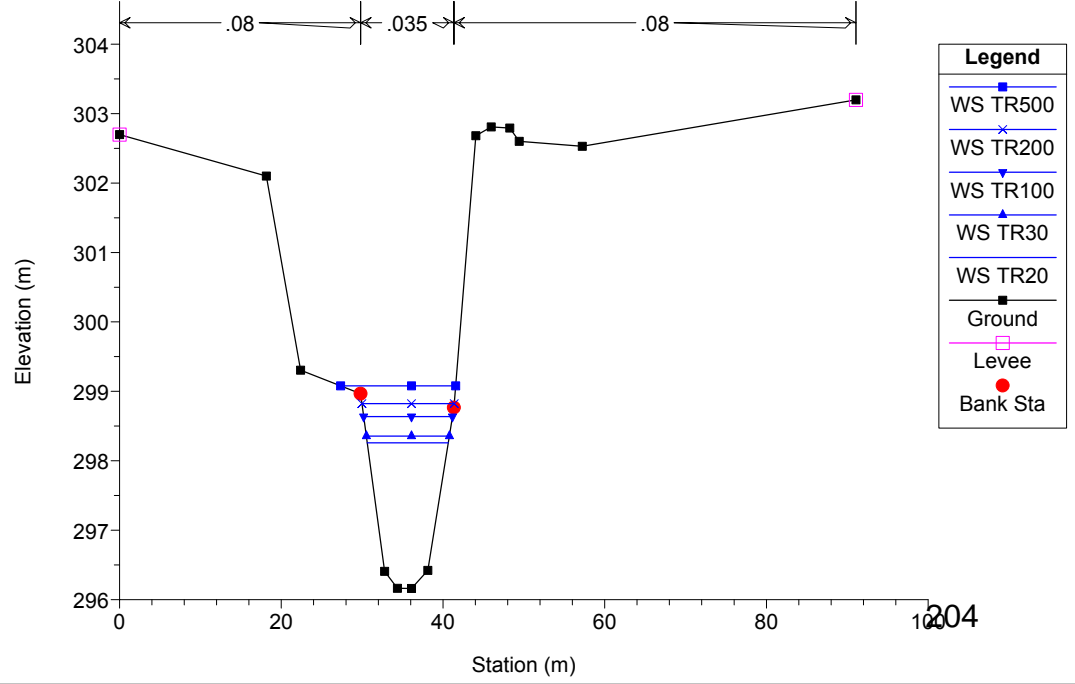
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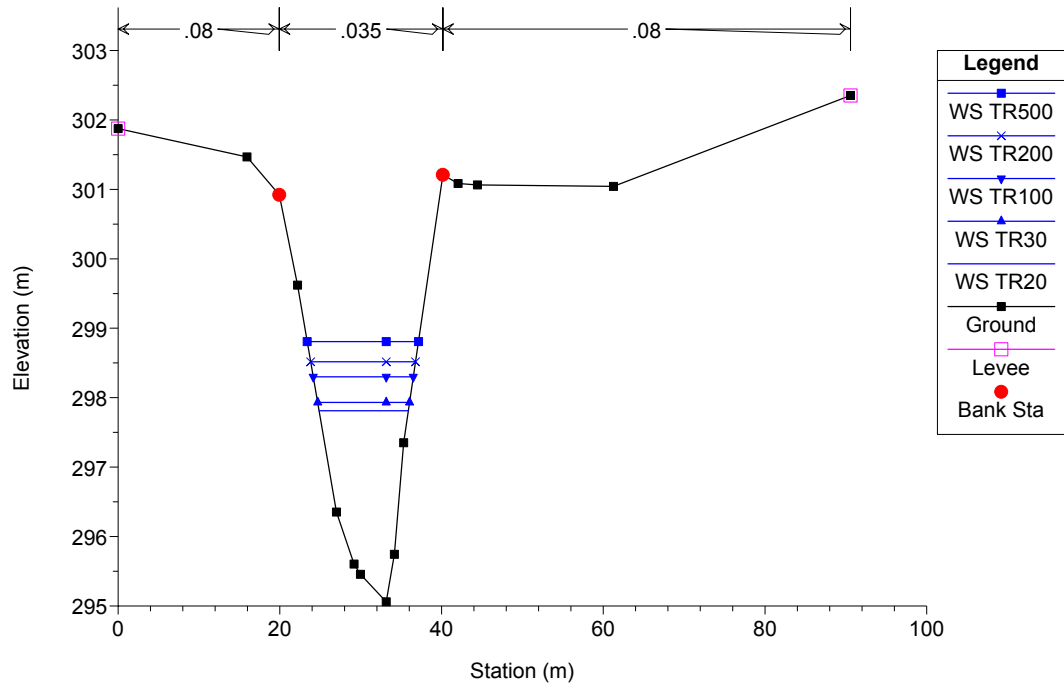
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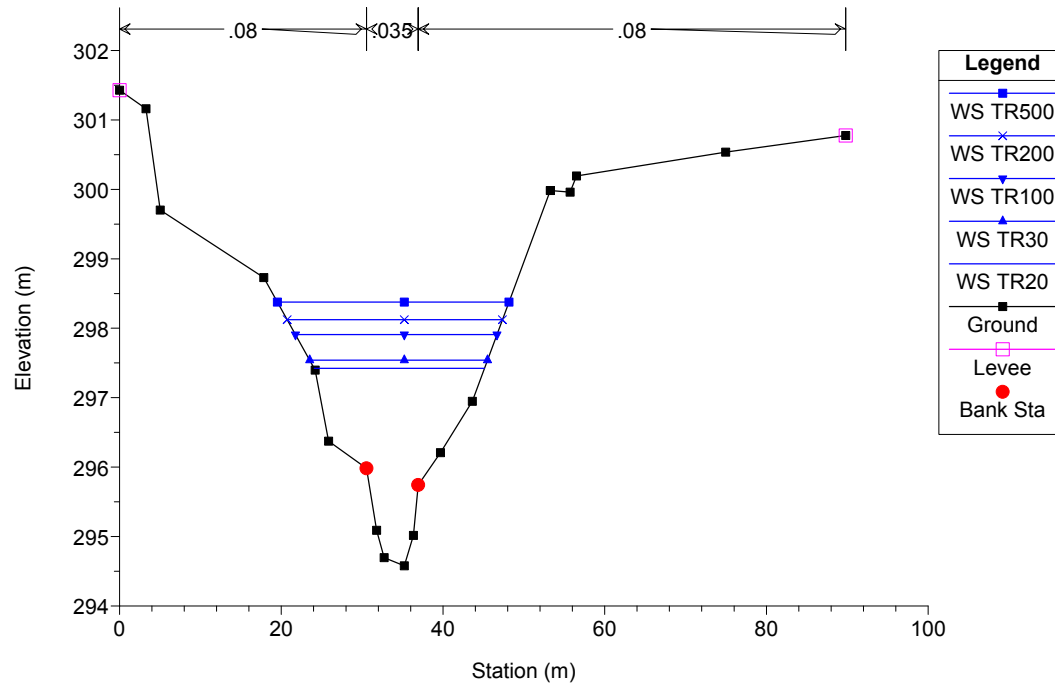
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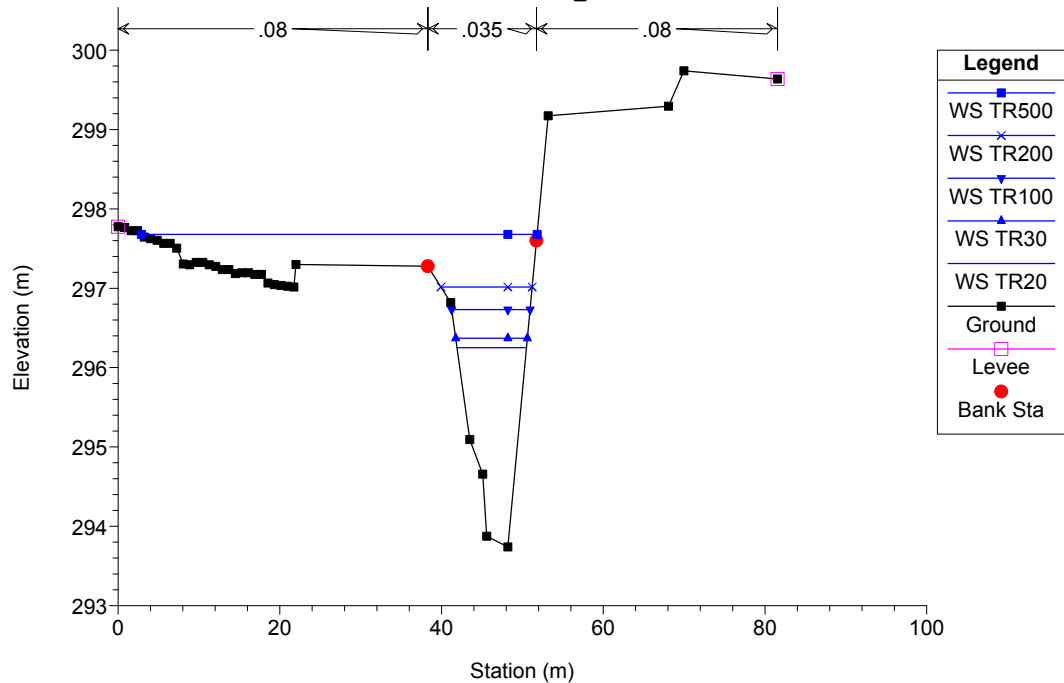
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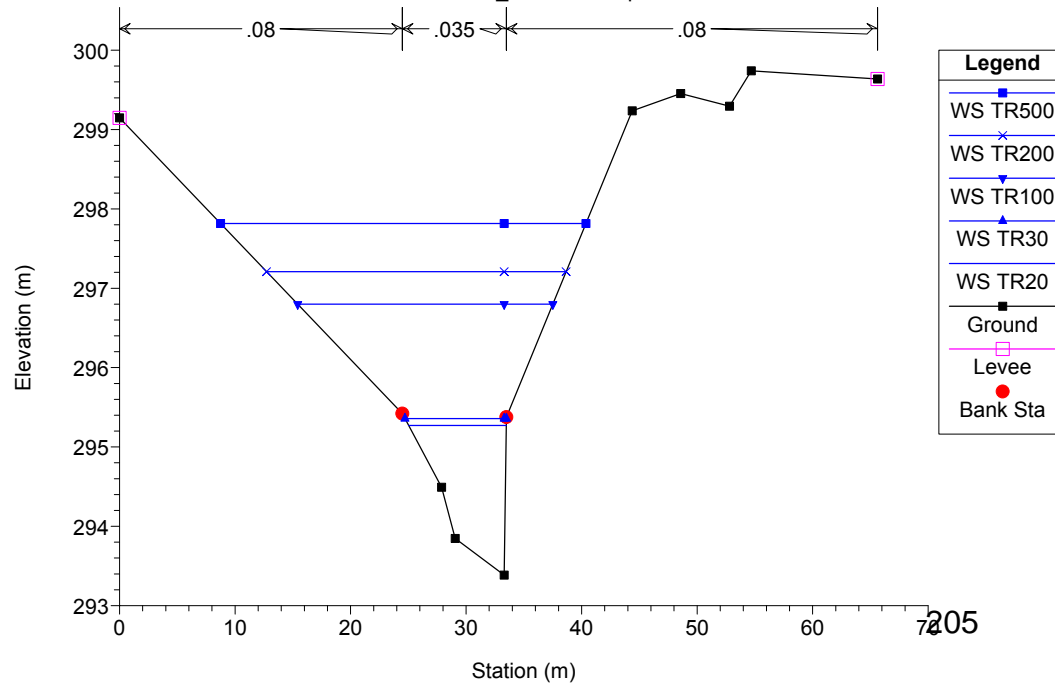
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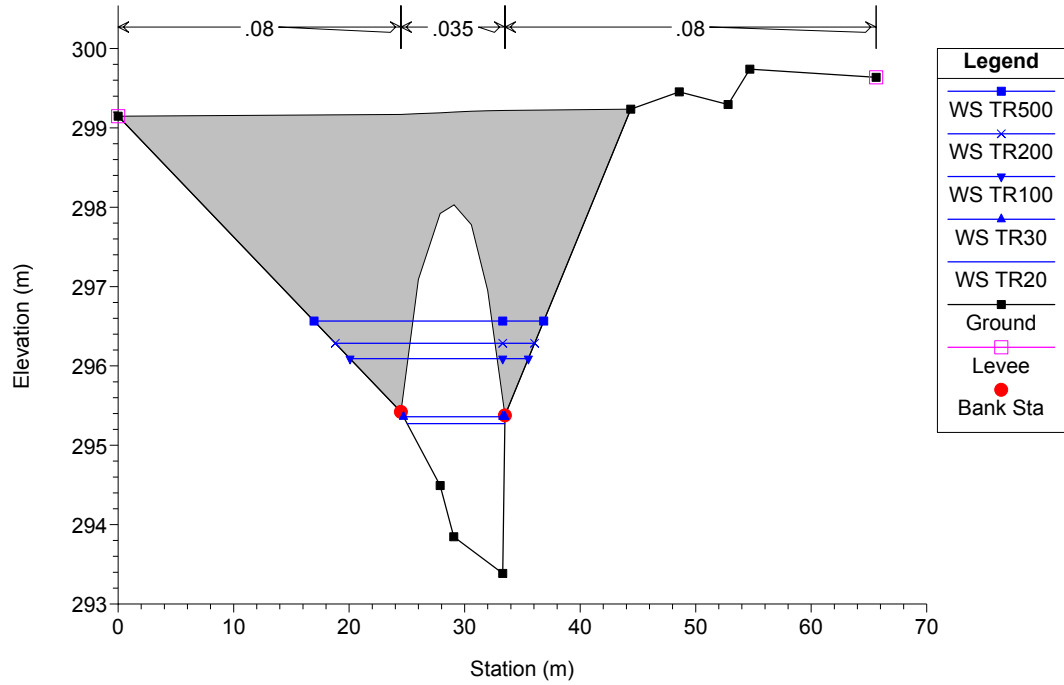
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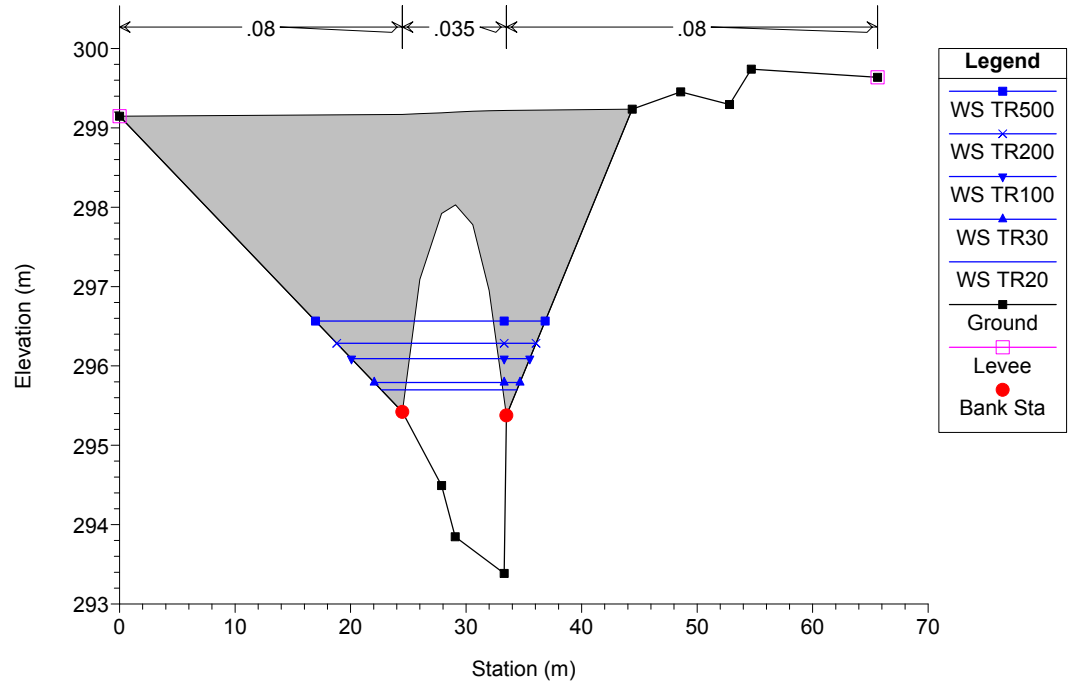
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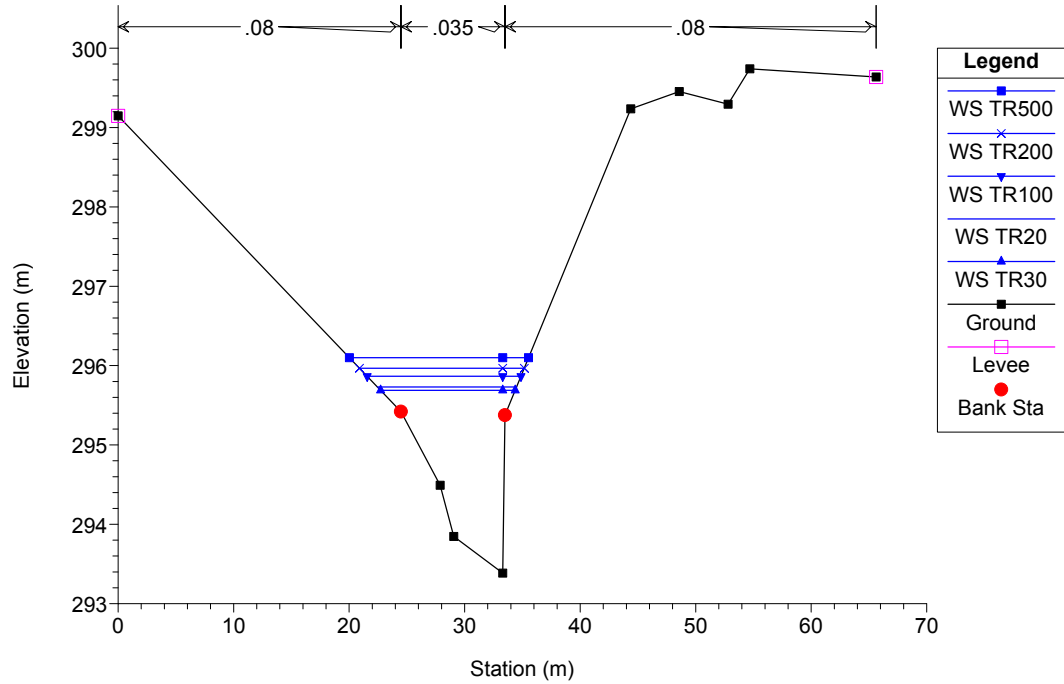
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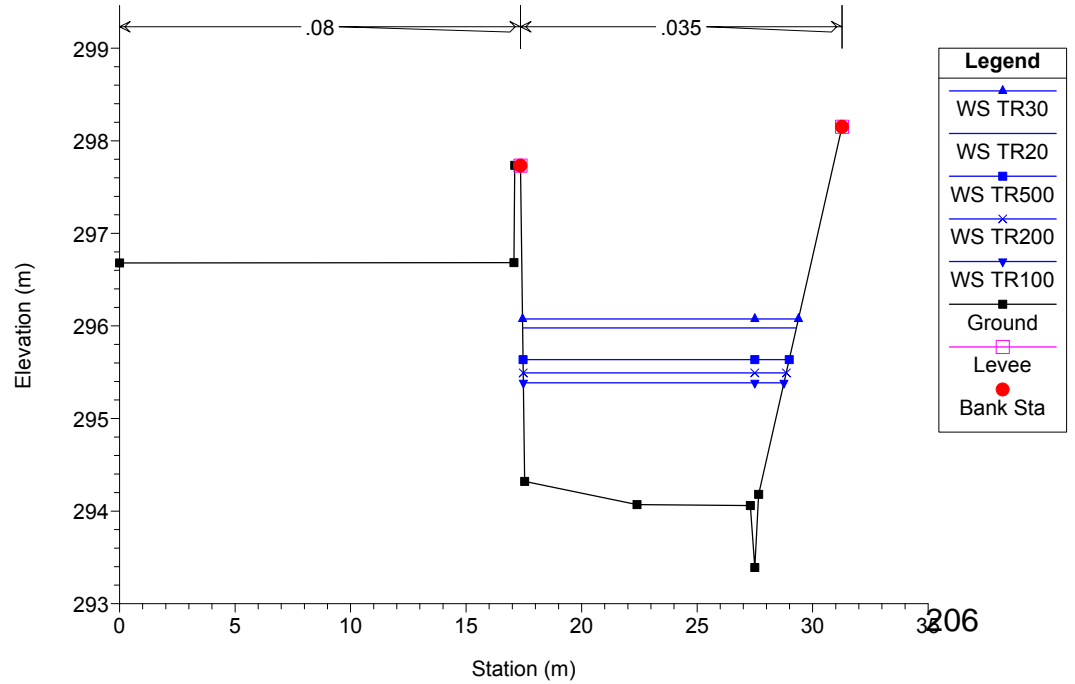
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TAV0025A



tavaiano\_n Plan: Moto\_permanente 3/18/2011  
TAV0025\_A valle del ponte

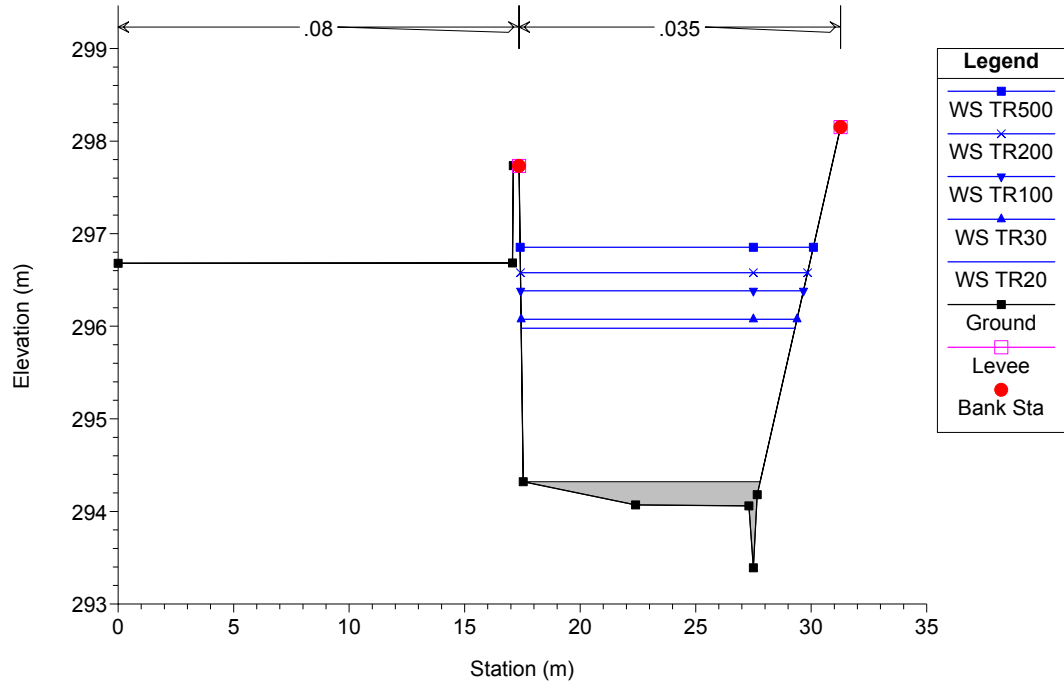


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TAV0024\_C1 monte briglia

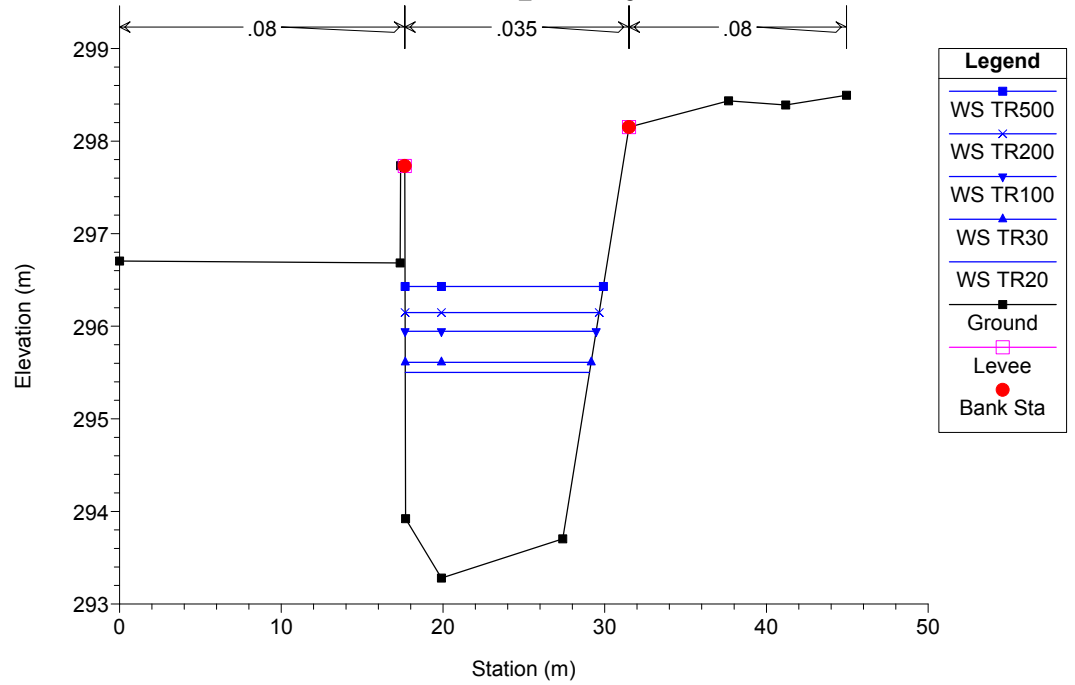




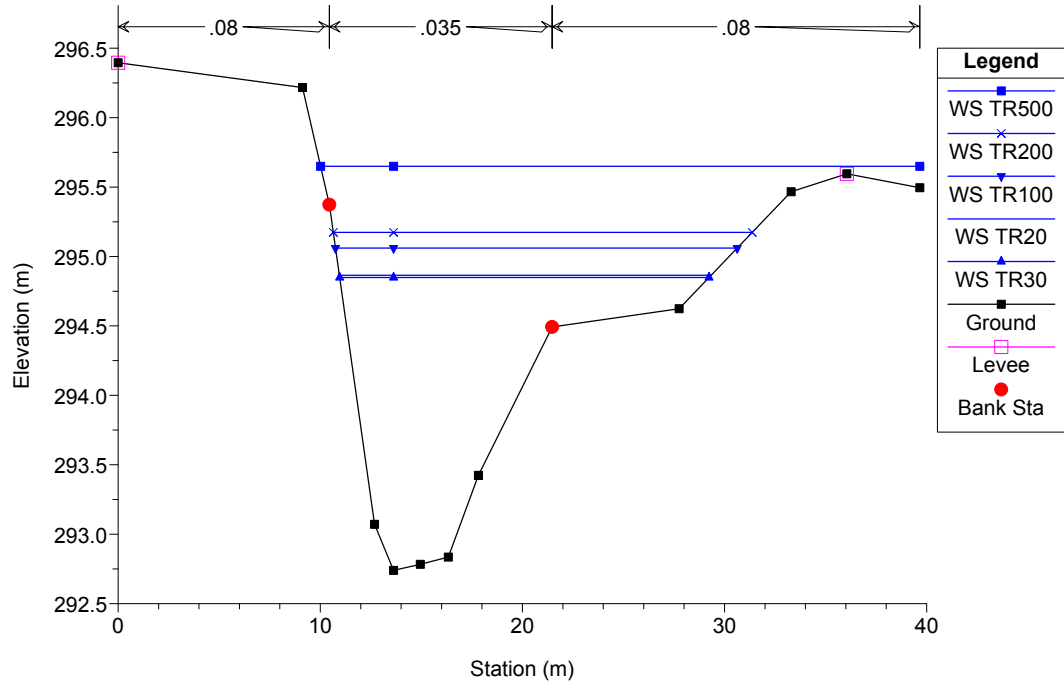
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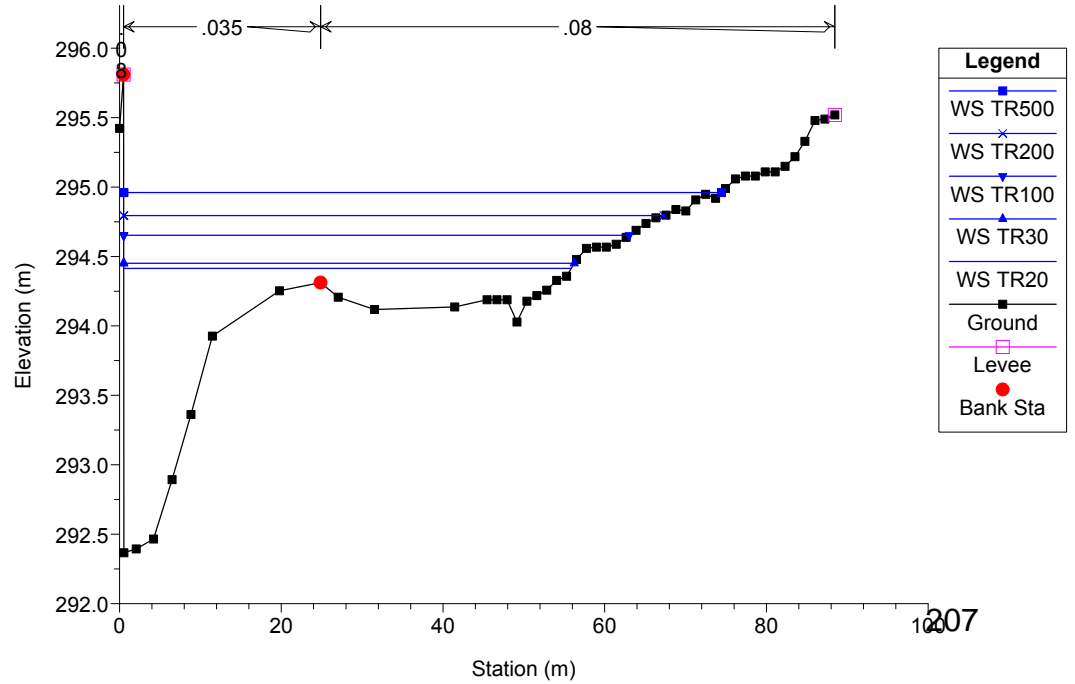
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TAV0024\_B valle briglia



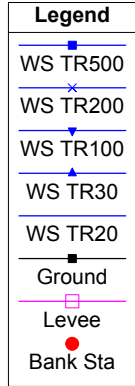
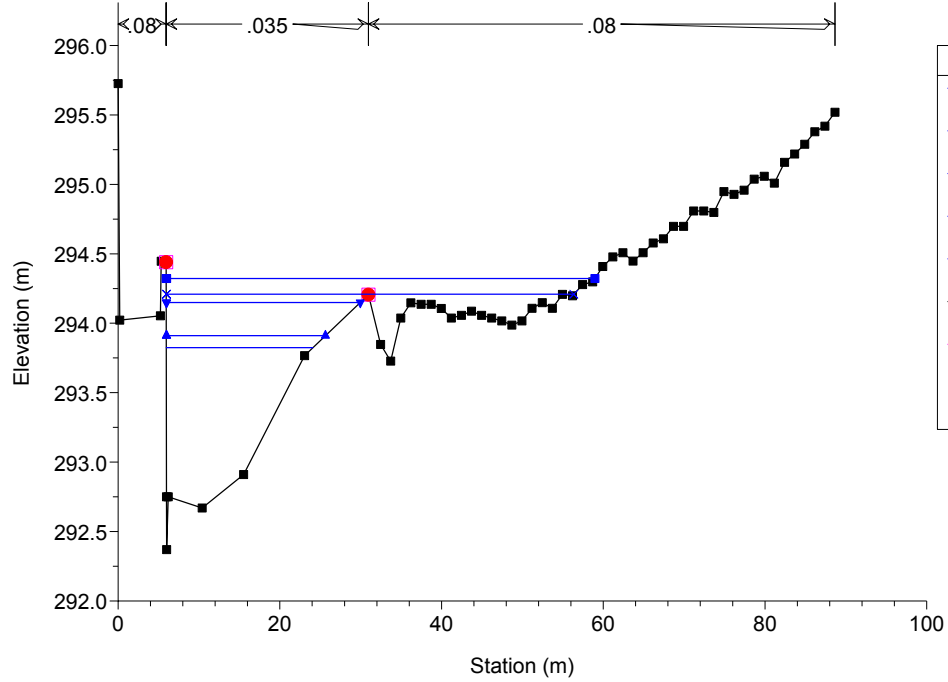
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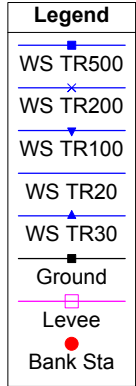
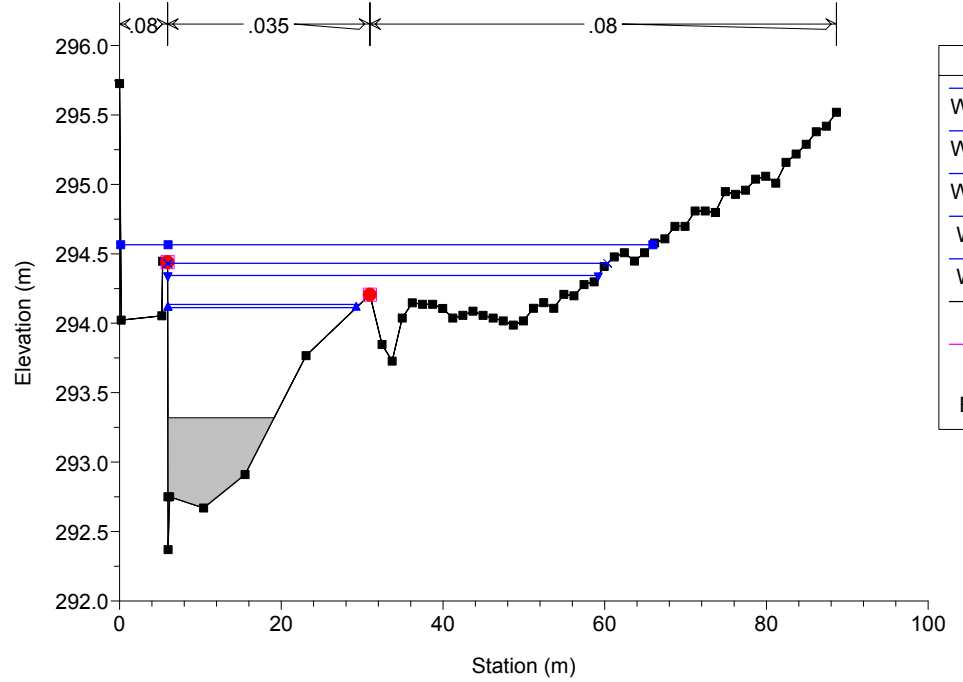
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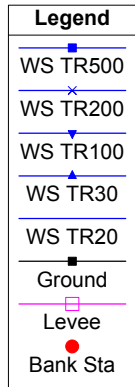
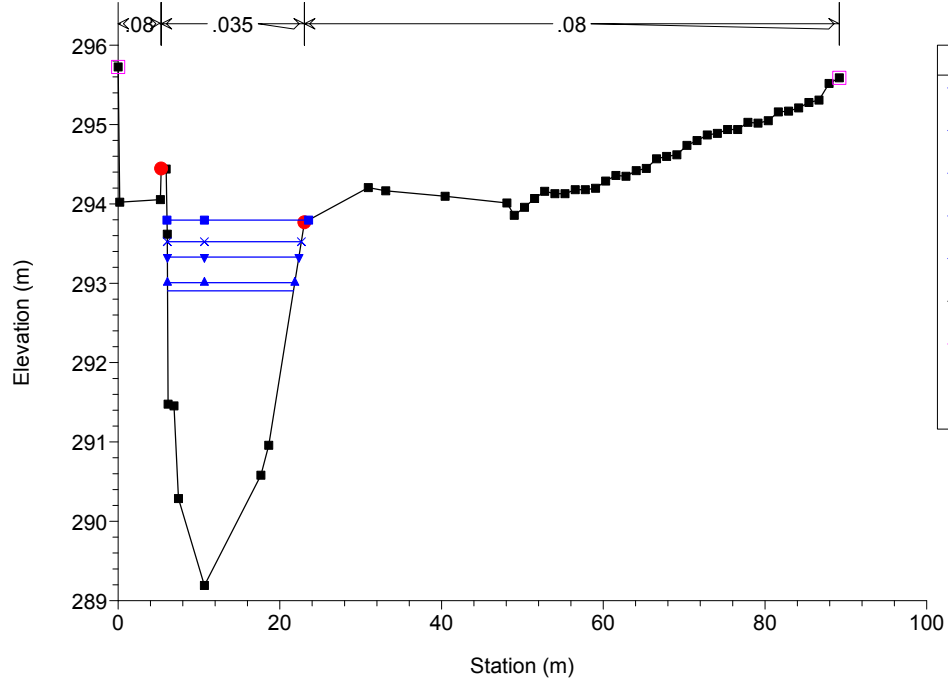
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TAV023\_C1 monte briglia



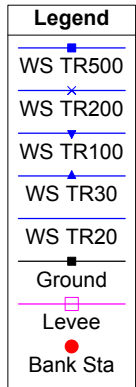
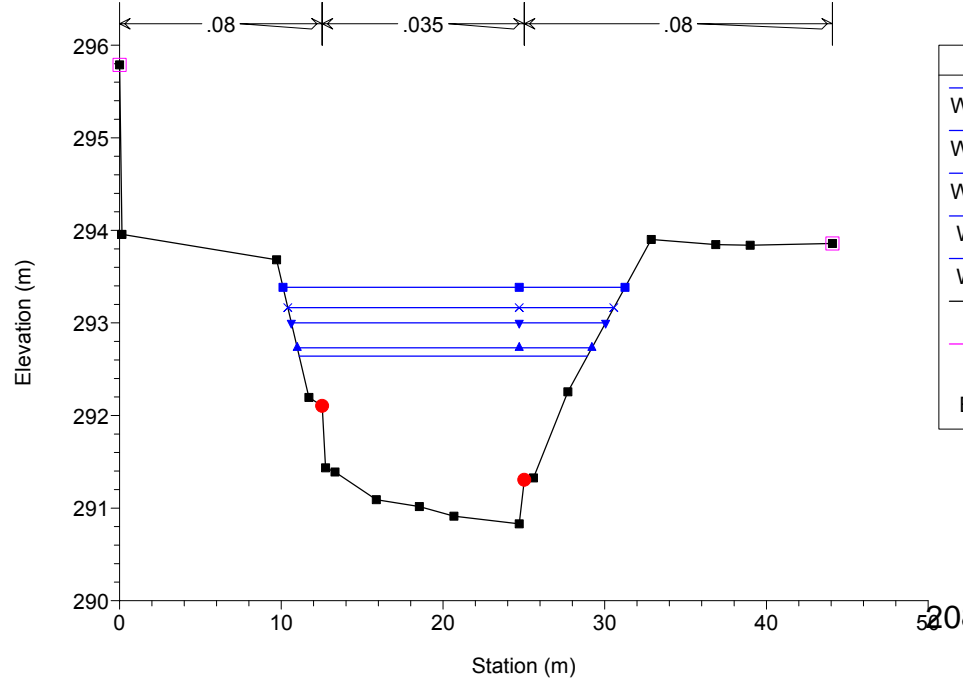
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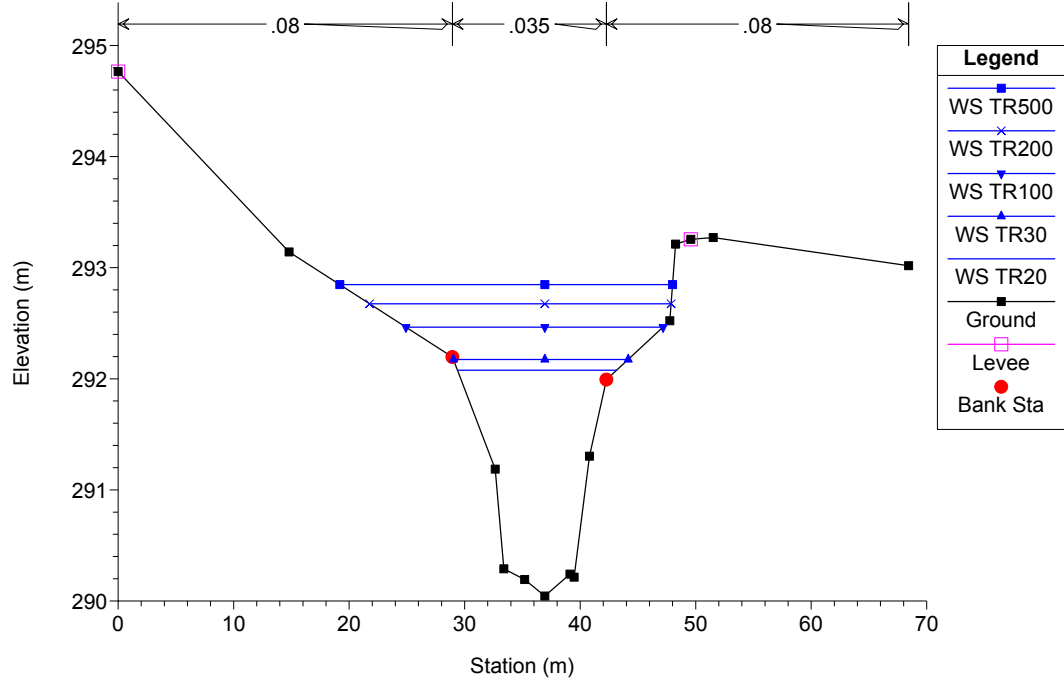
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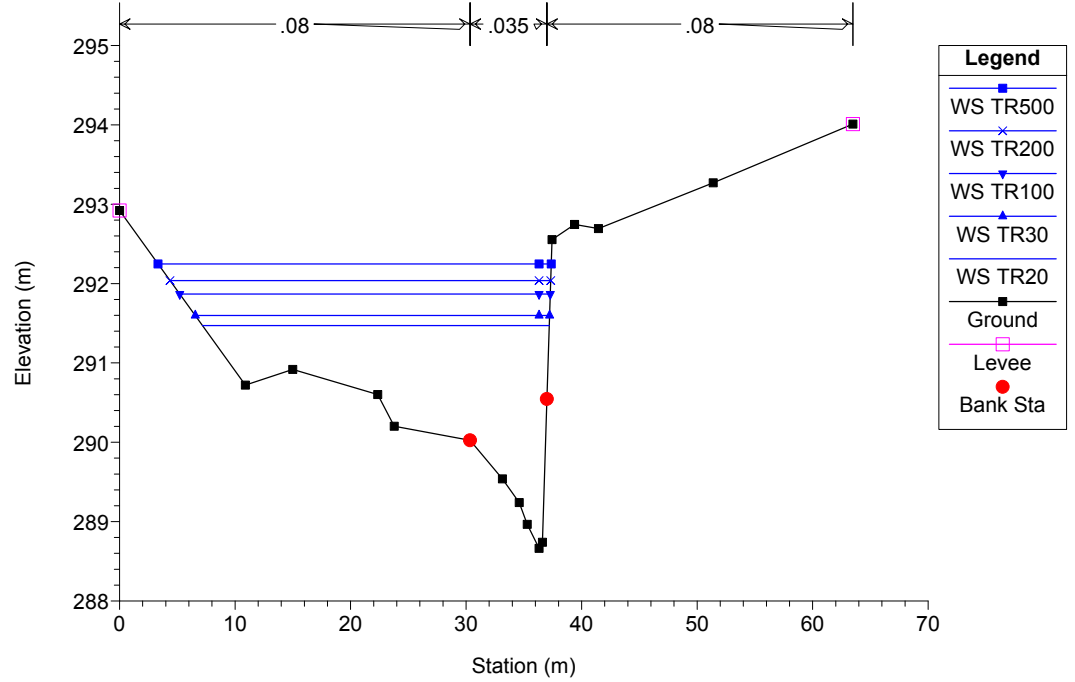
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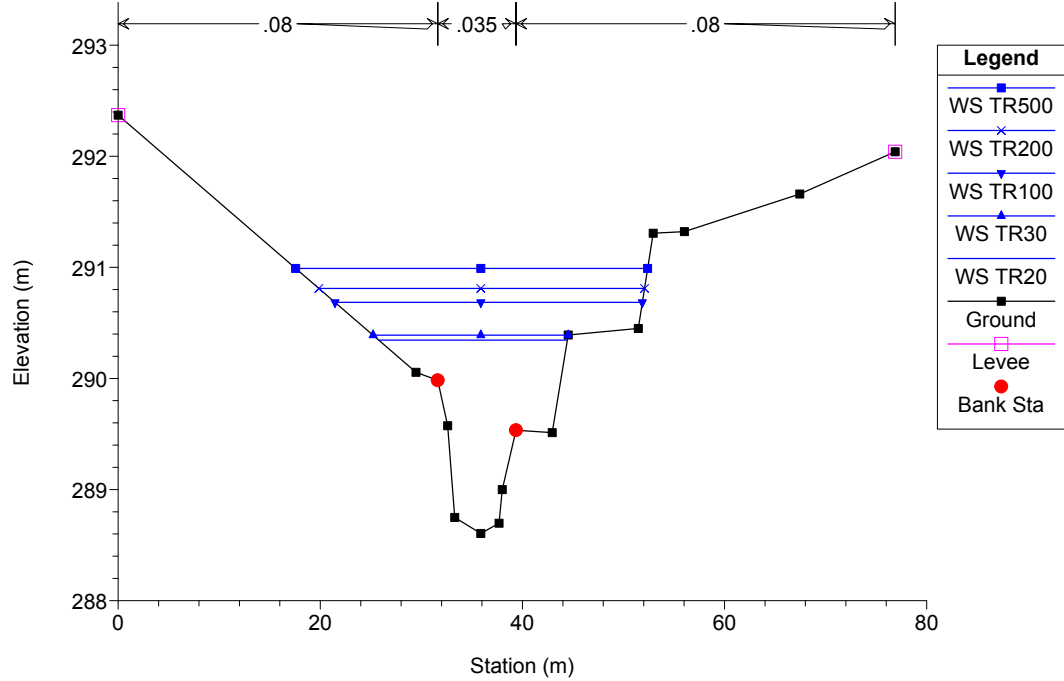
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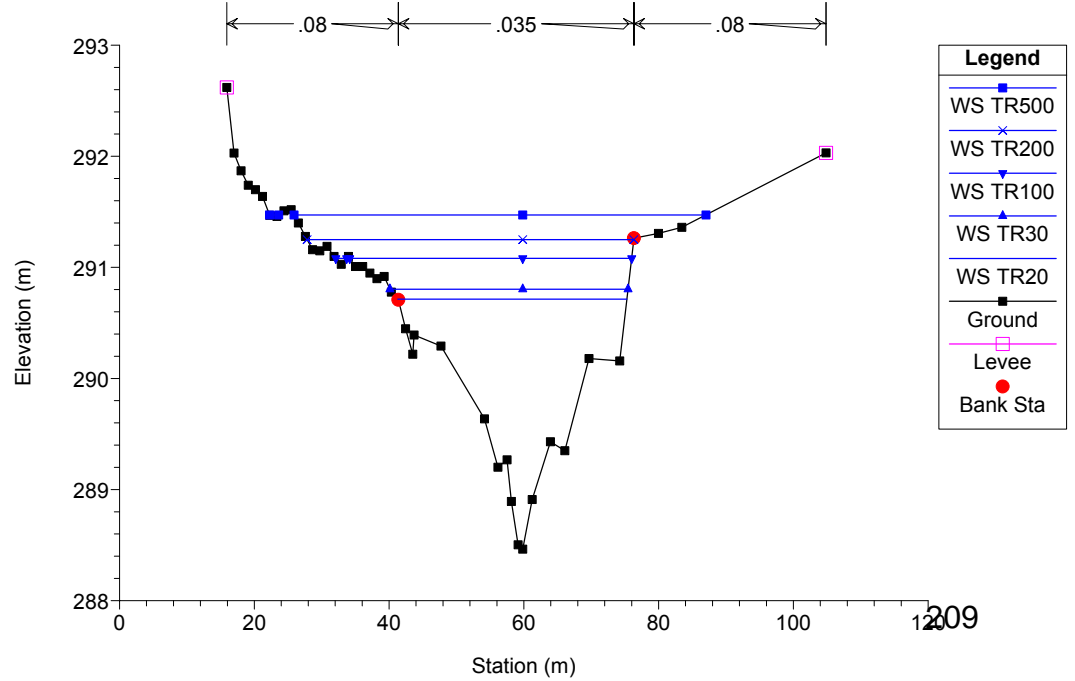
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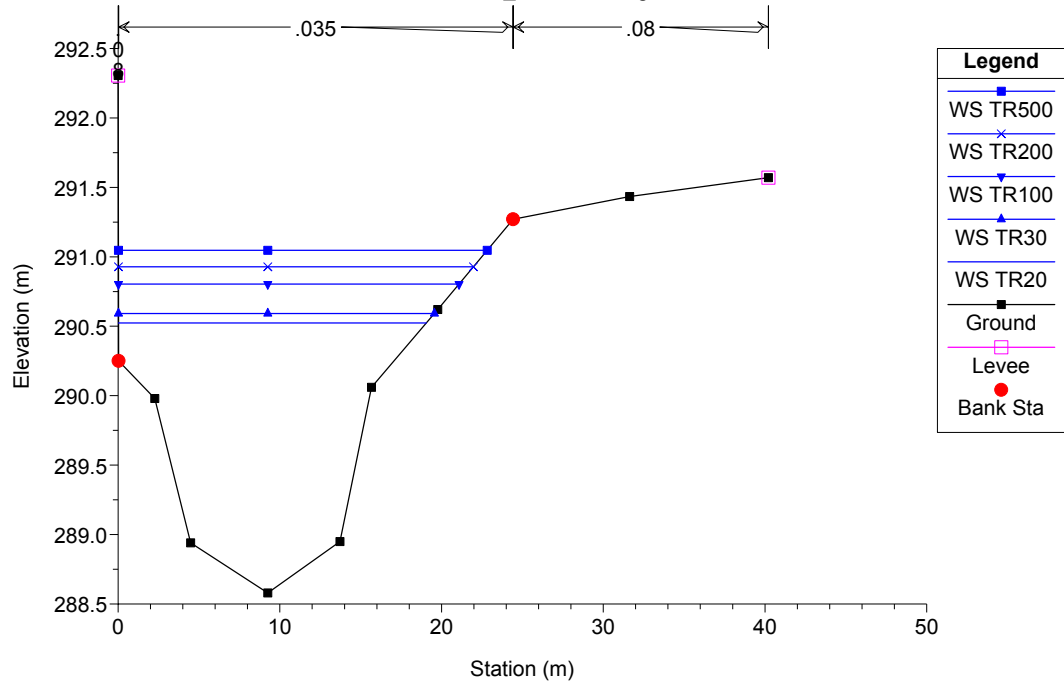
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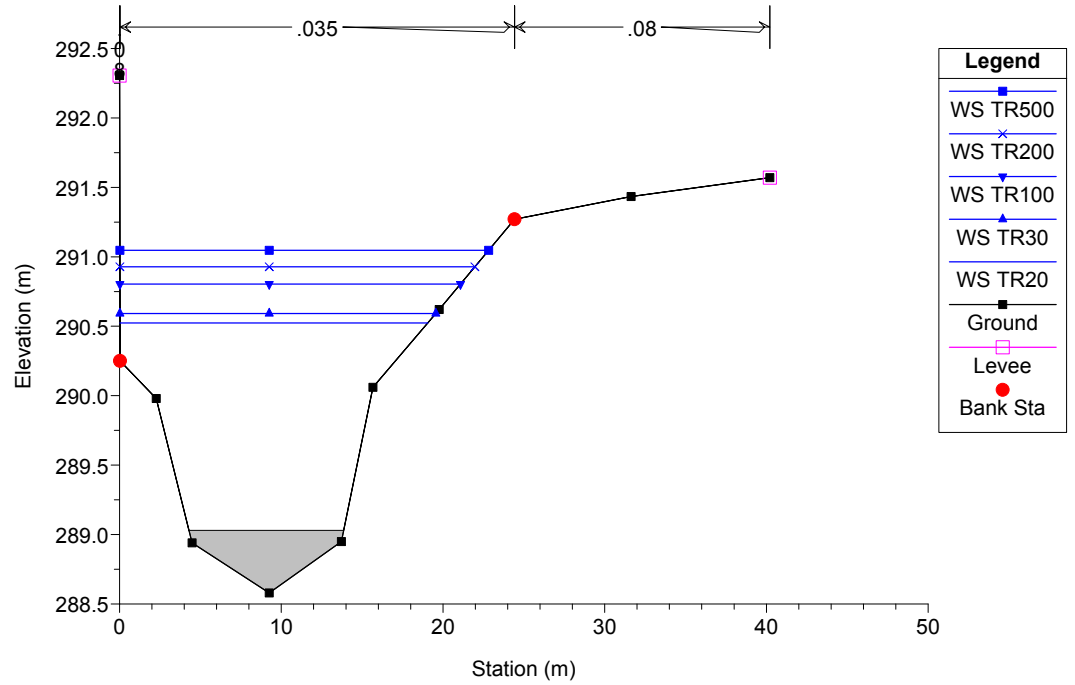
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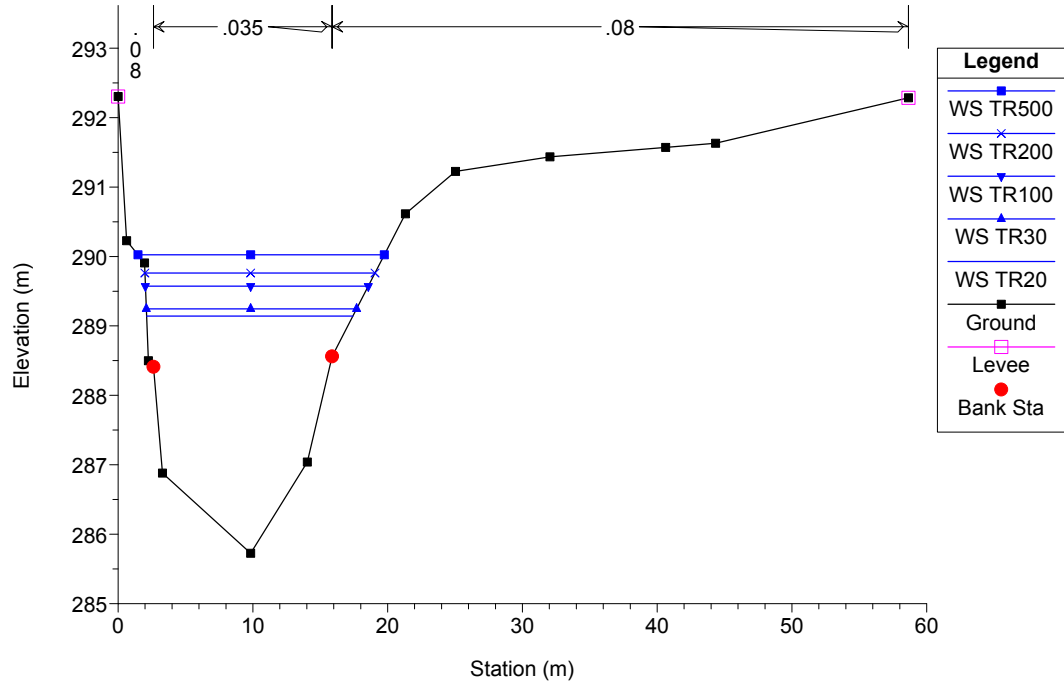
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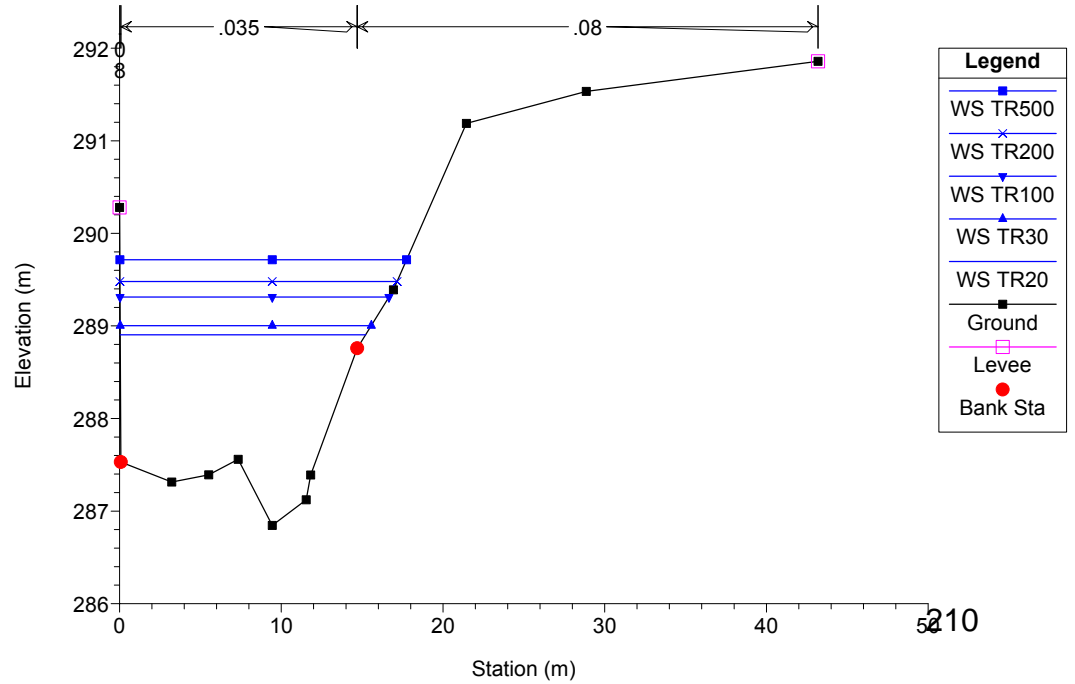
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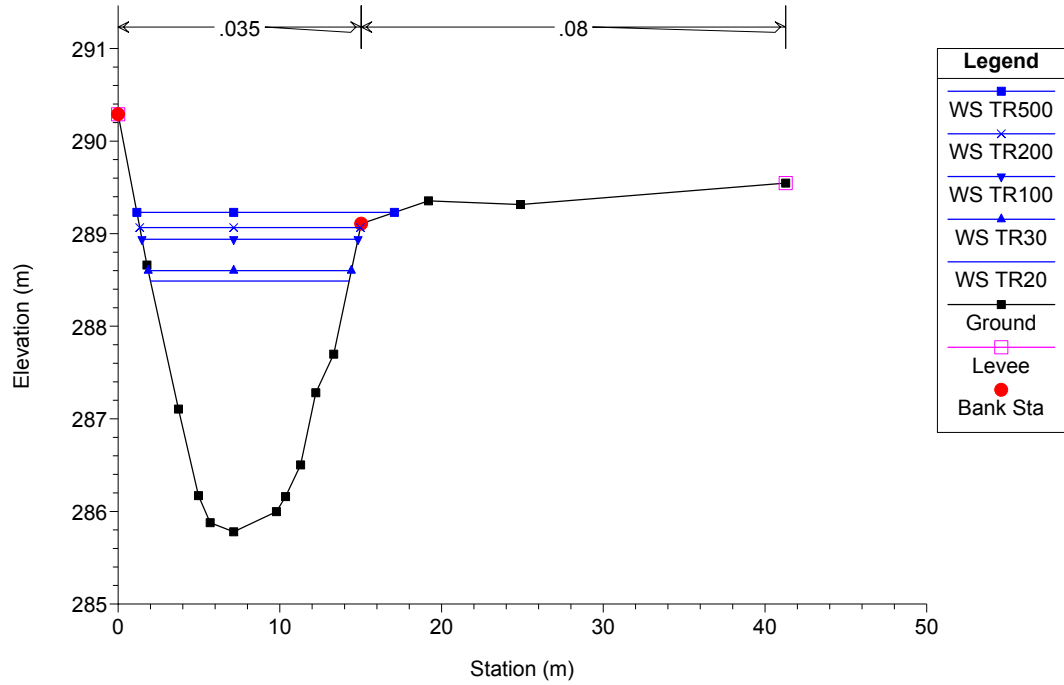
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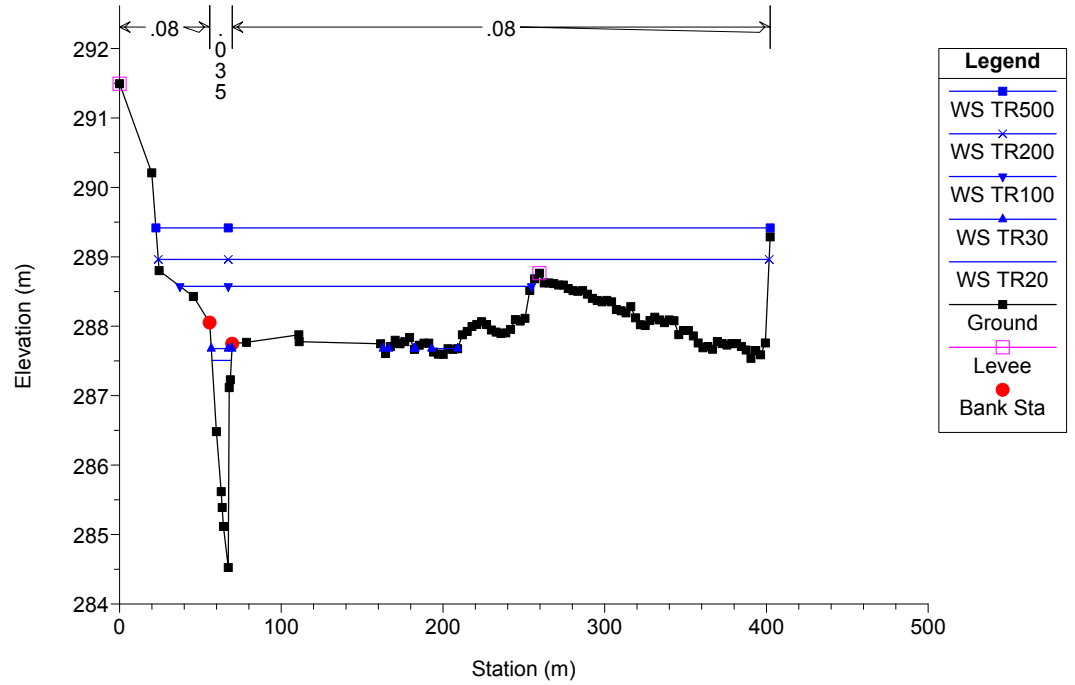
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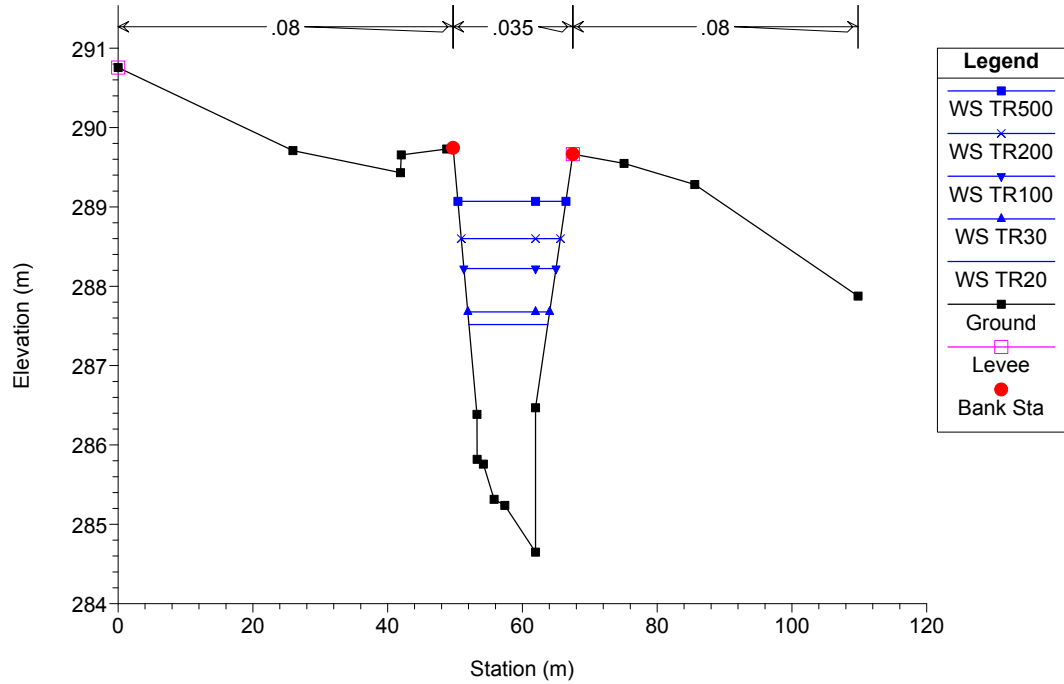
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TAV0018



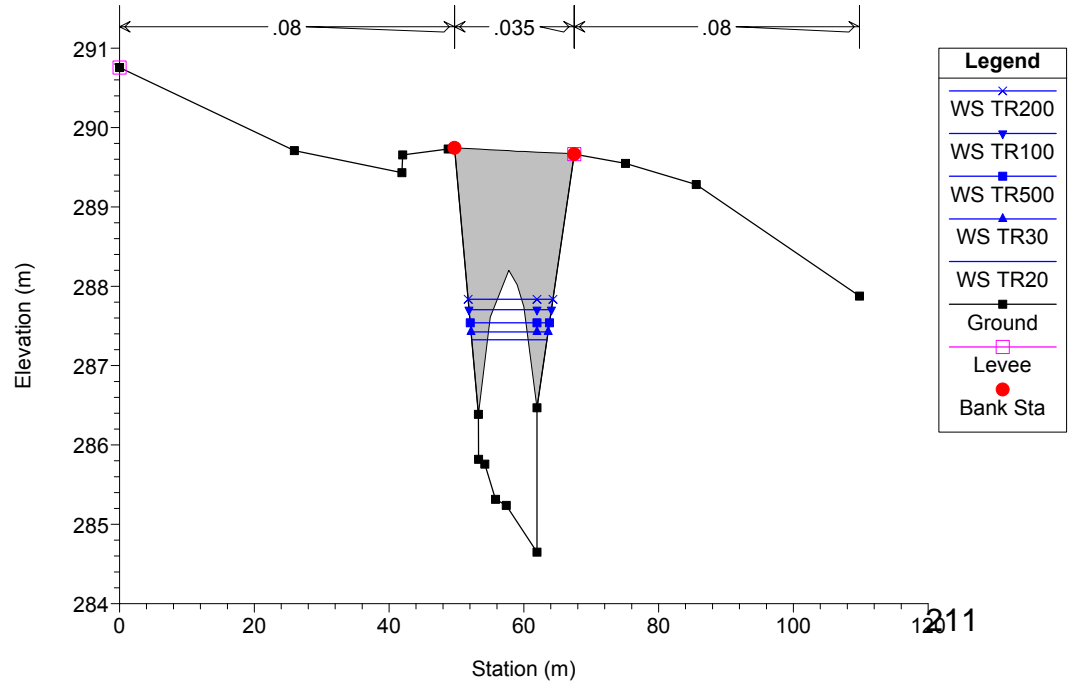
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TAV0017B



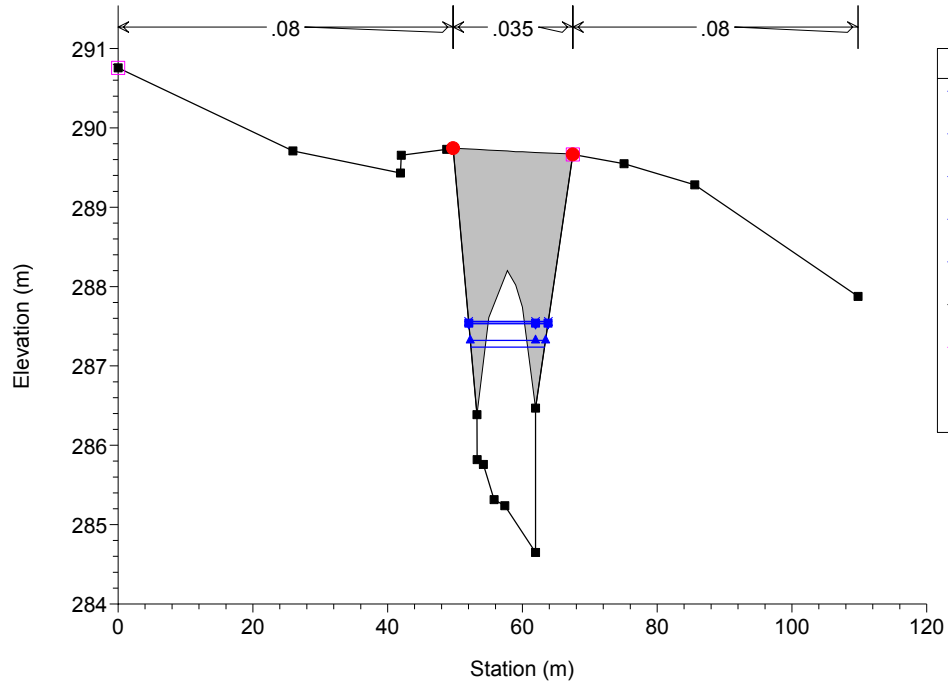
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TAV0017A monte ponte



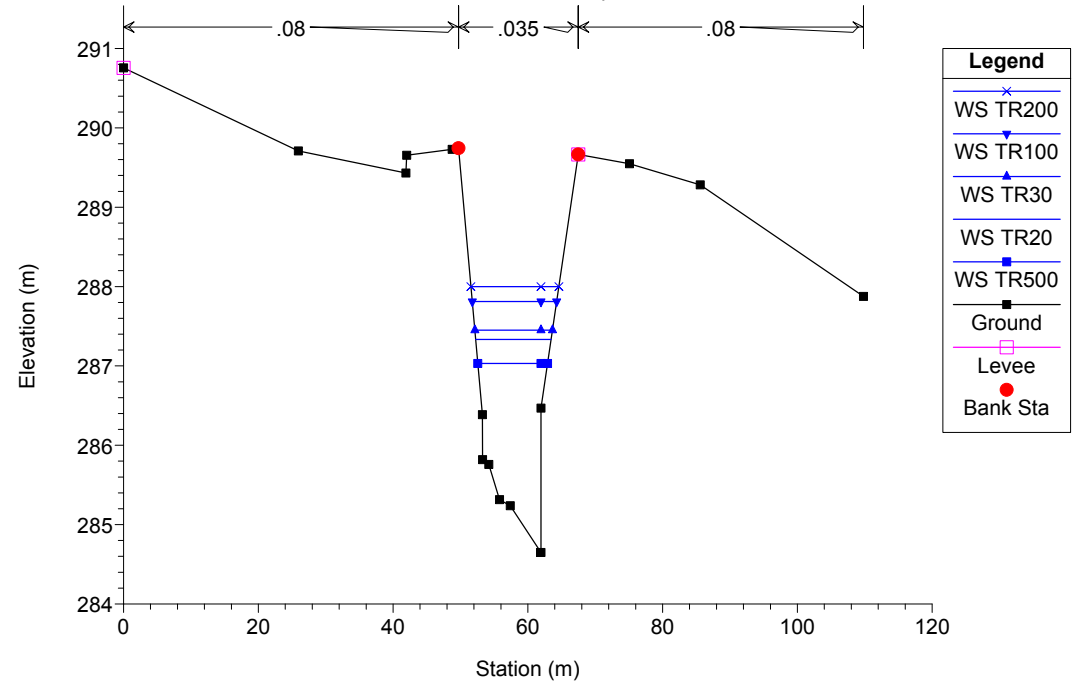
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TAV0017A



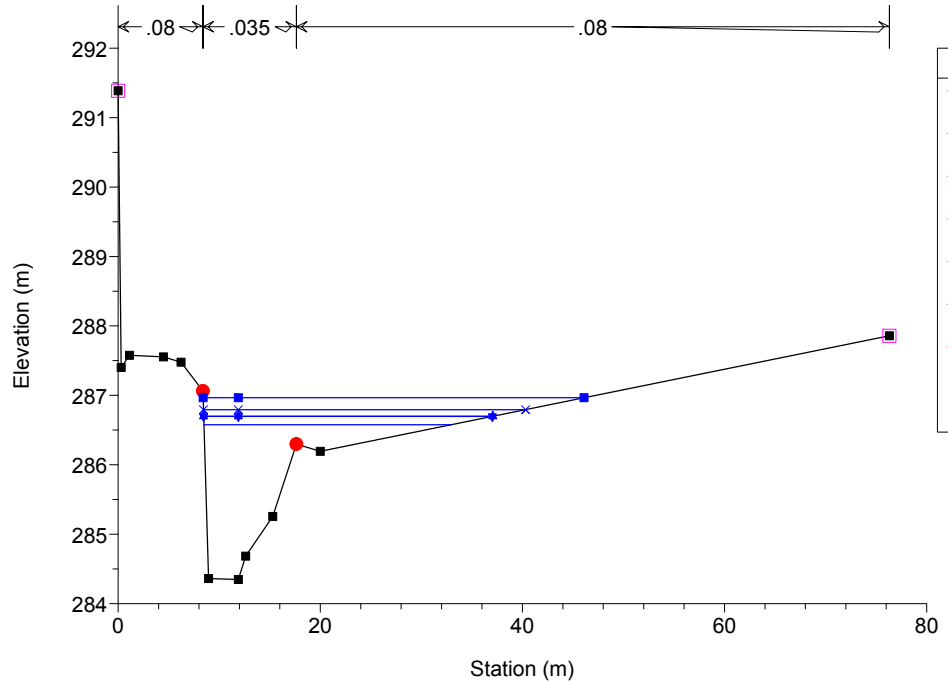
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TAV0017A



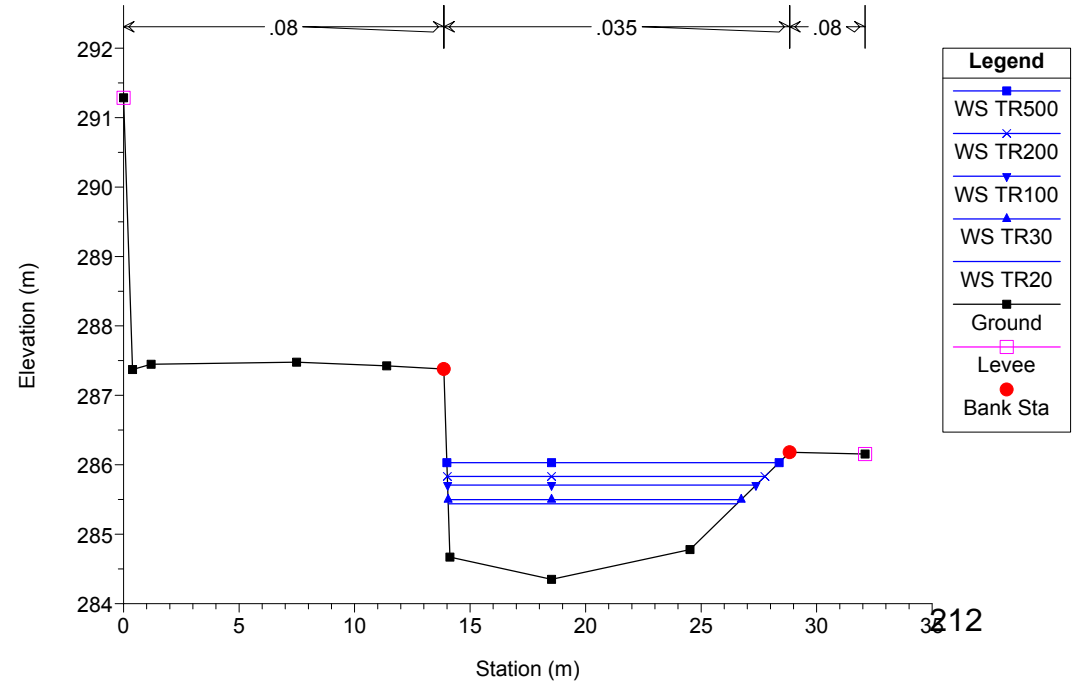
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TAV0017A valle ponte



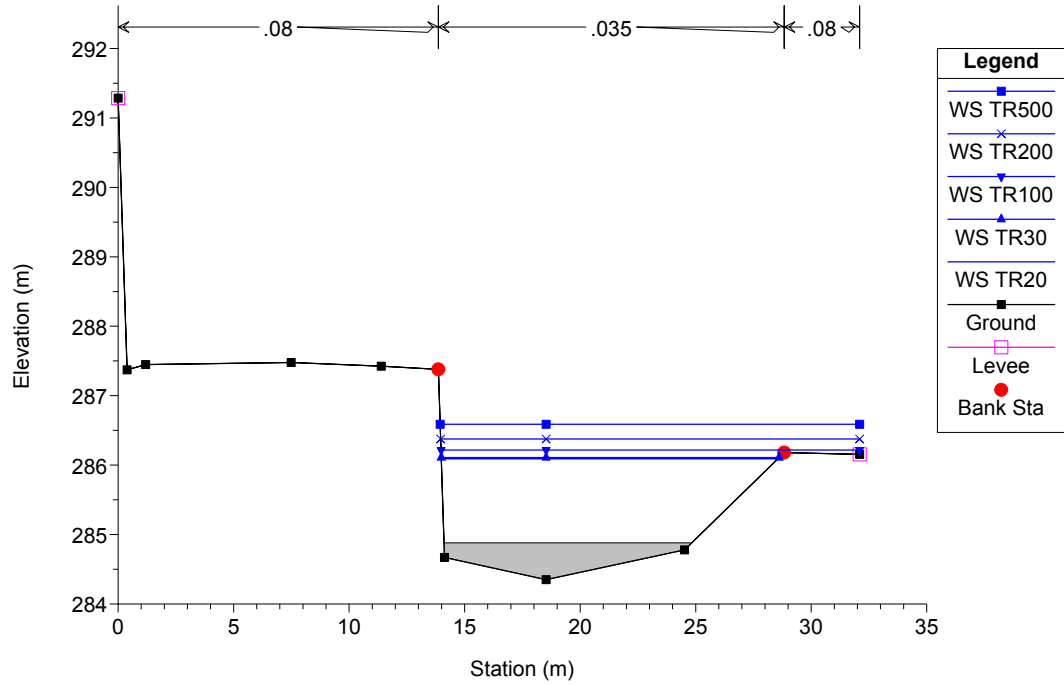
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TA0016\_D



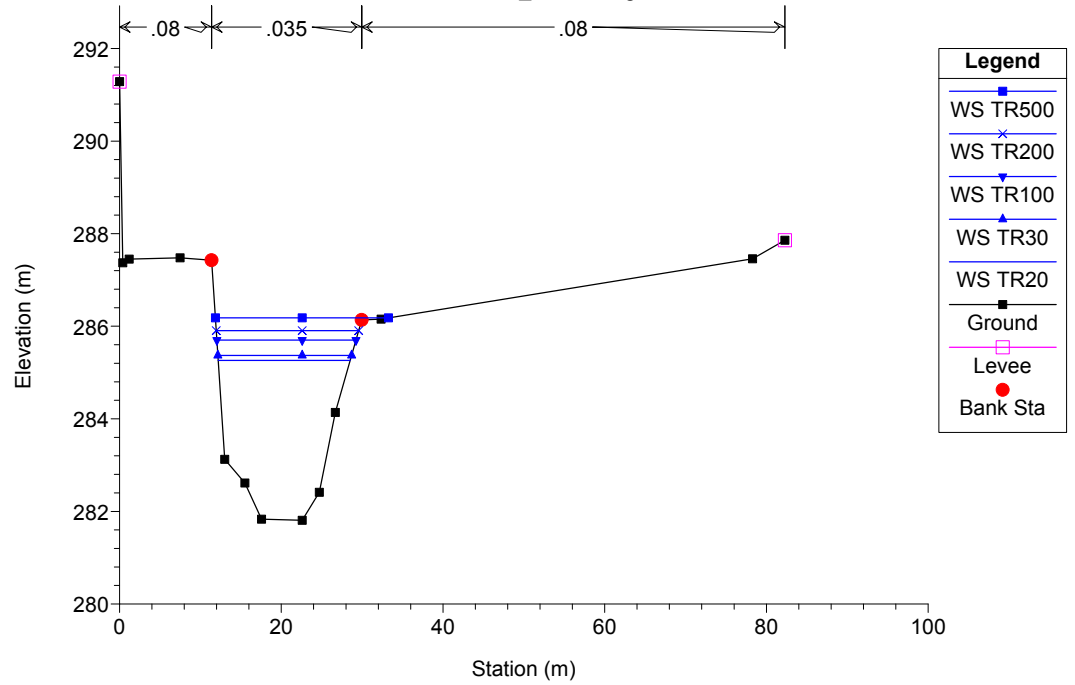
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TAV0016\_C1 monte briglia



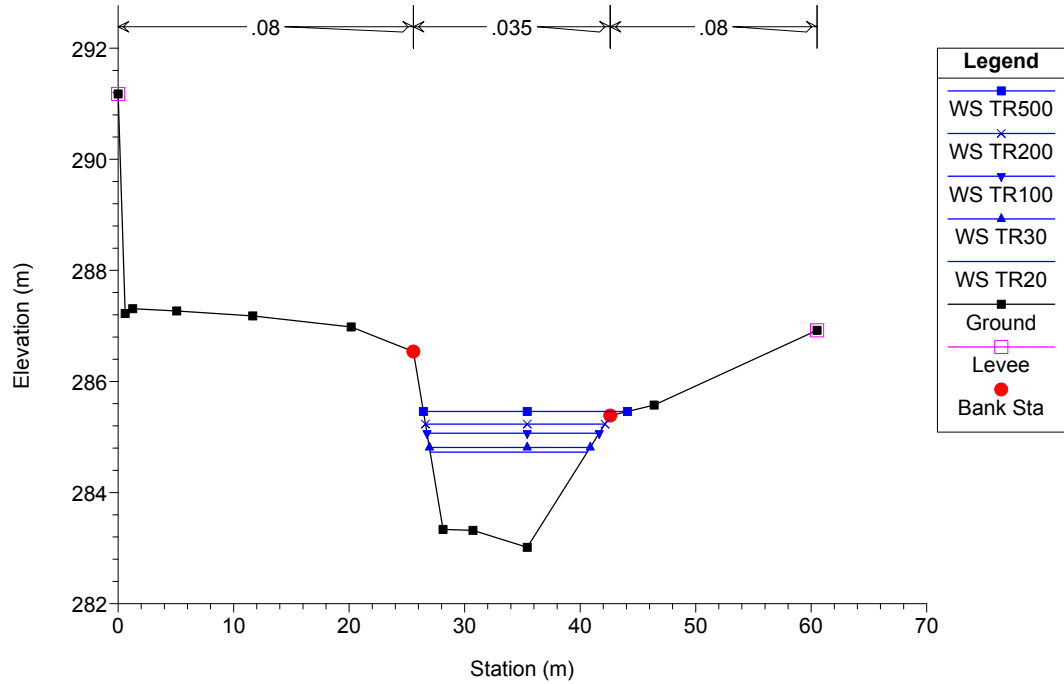
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TAV016C



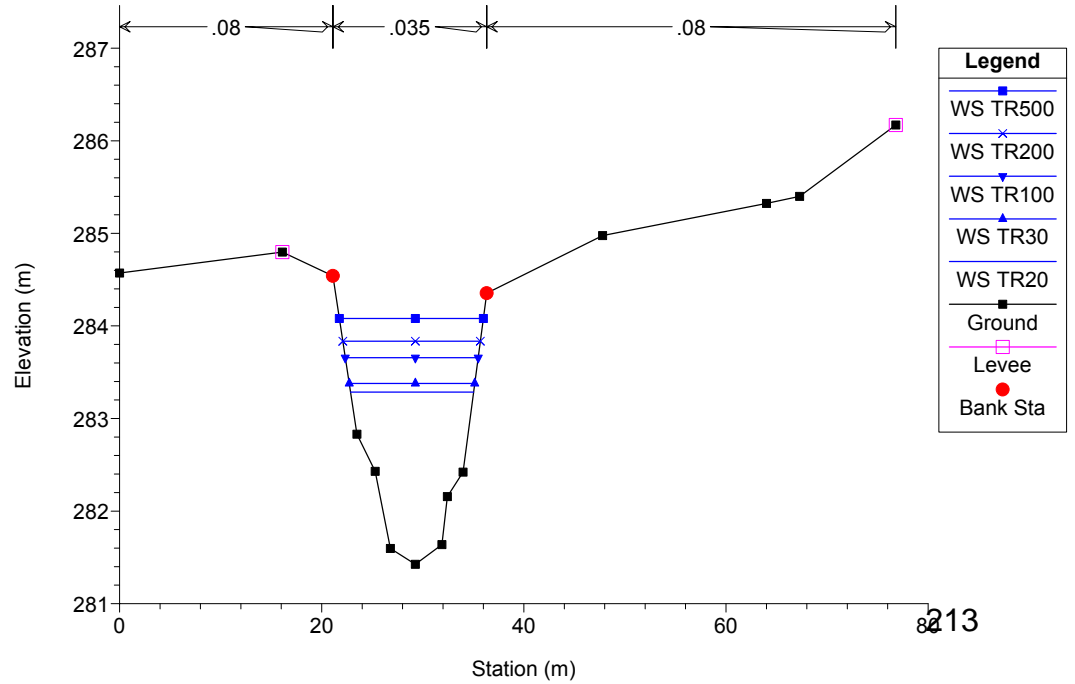
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TAV0016\_B valle briglia



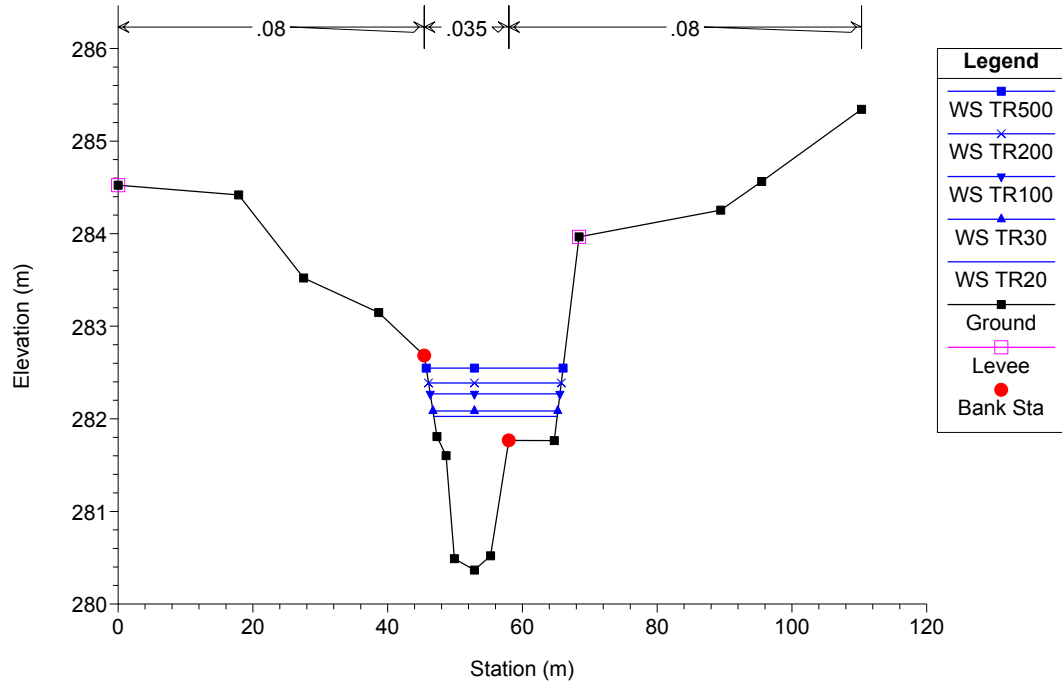
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TAV0016\_A



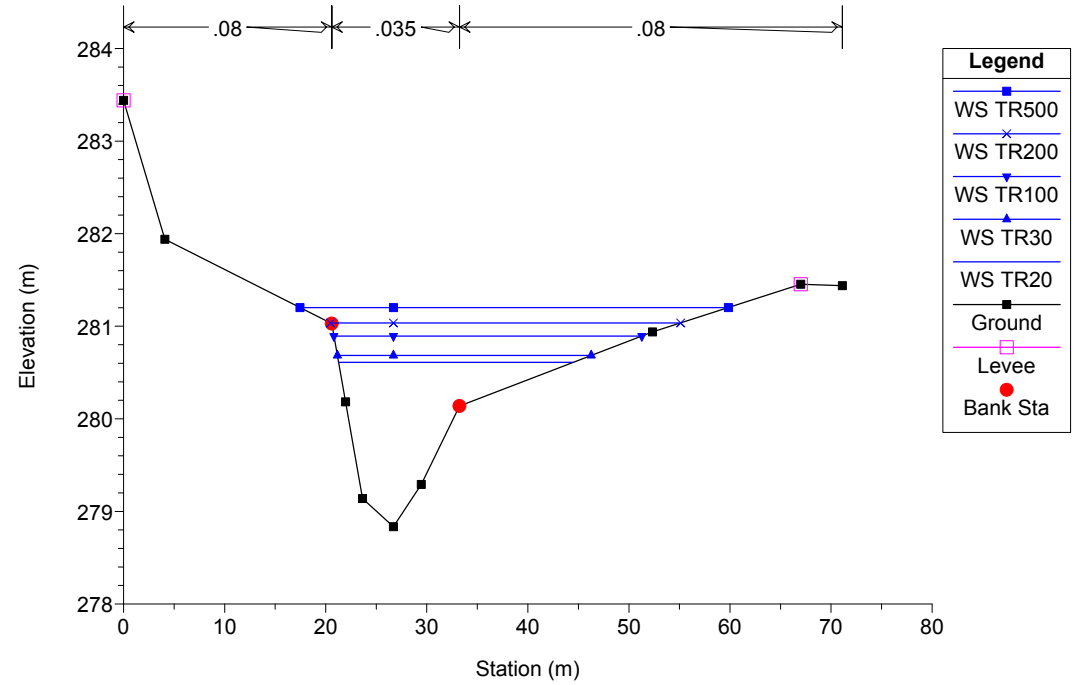
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TAV0015



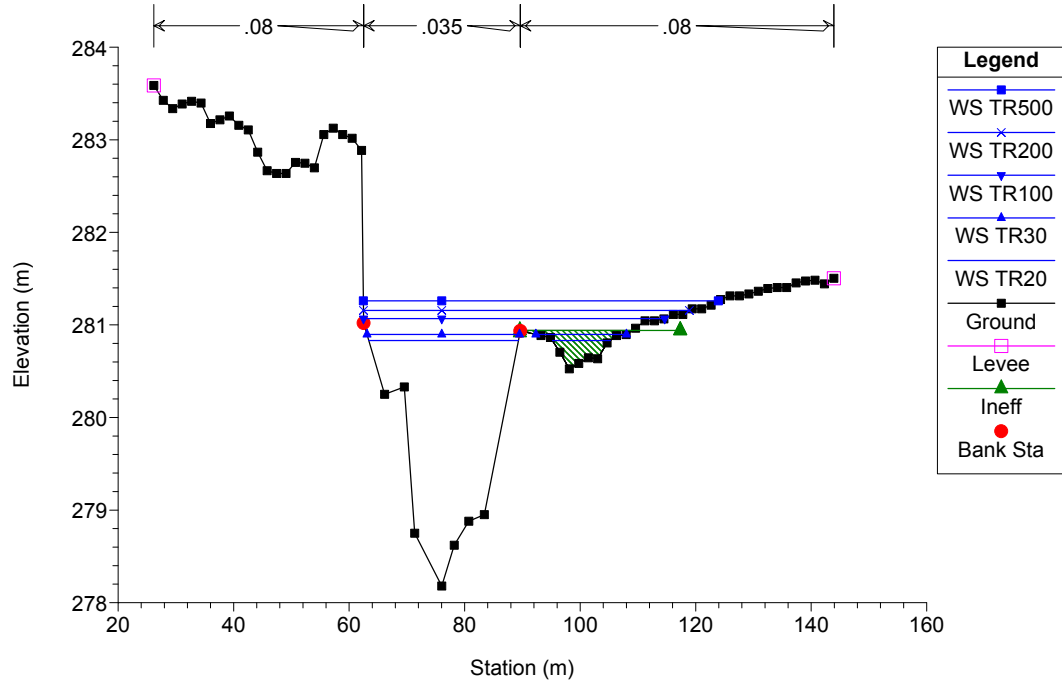
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TAV0014



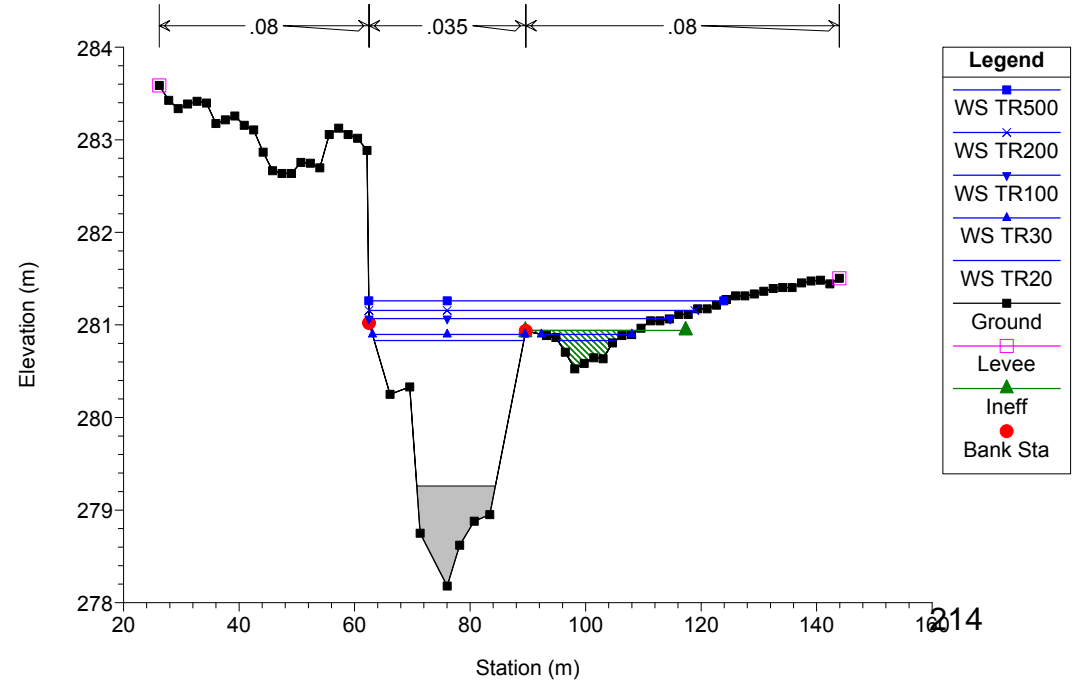
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TAV0013D



tavaiano\_n Plan: Moto\_permanente 3/18/2011  
TAV0013\_C1 monte briglia

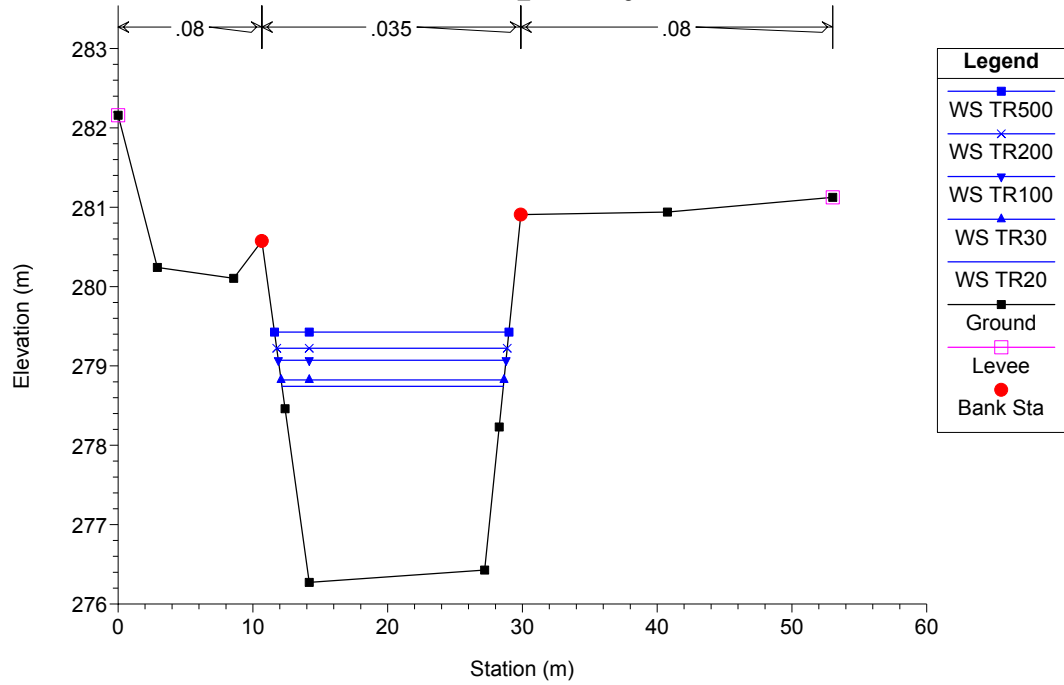


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TAV013C

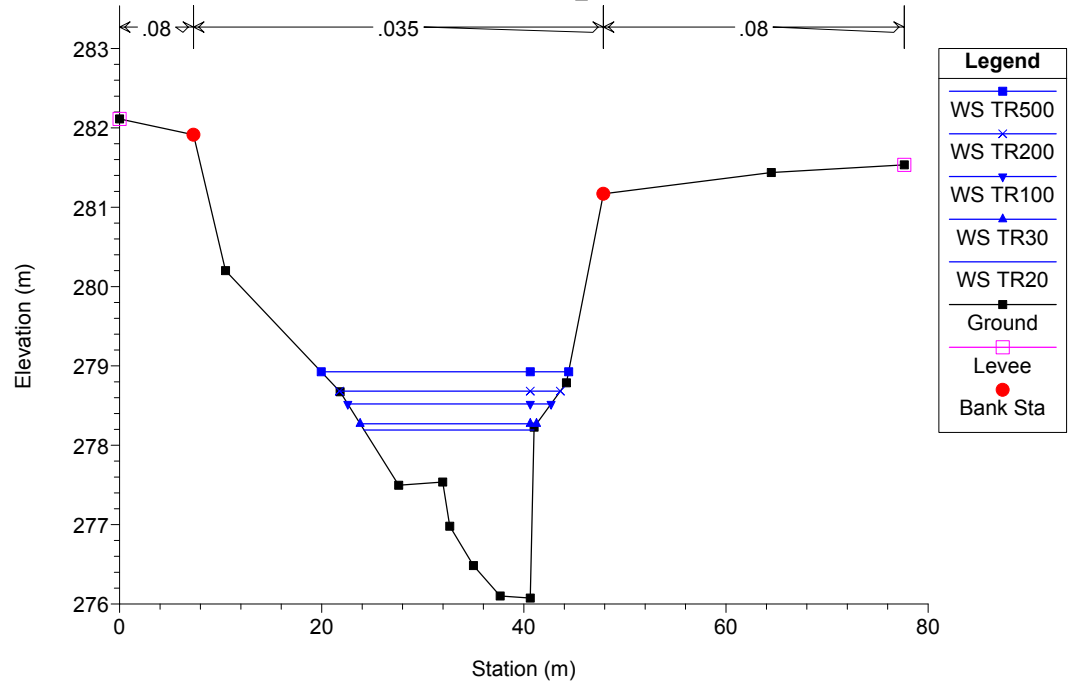




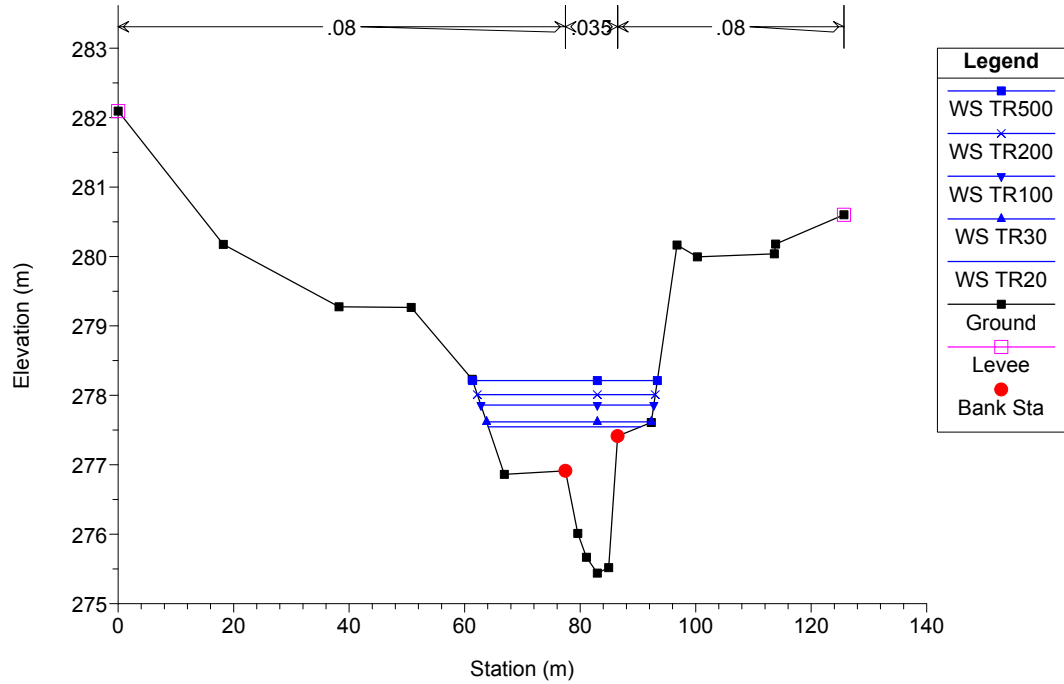
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TAV0013\_B valle briglia



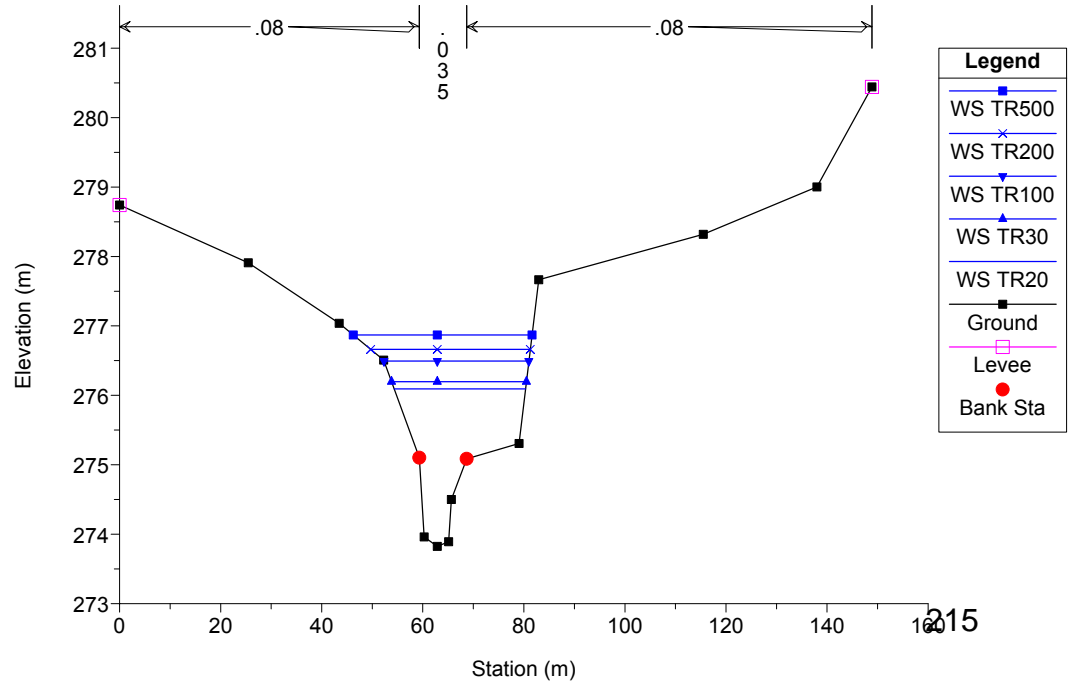
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TAV0013\_A



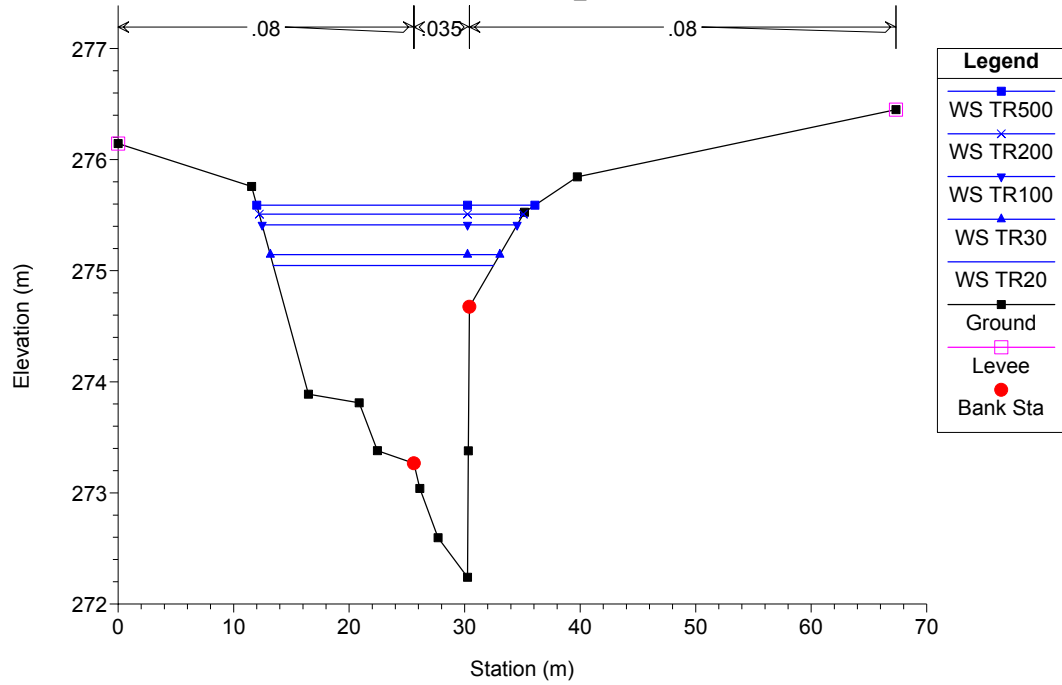
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TAV0012



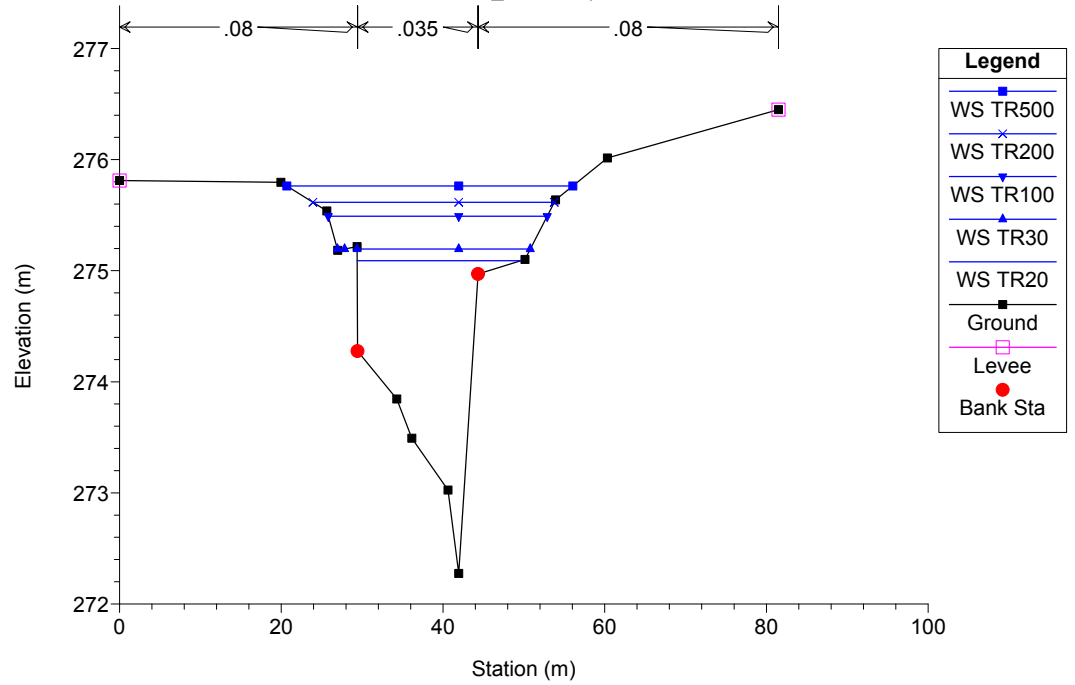
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TAV0011



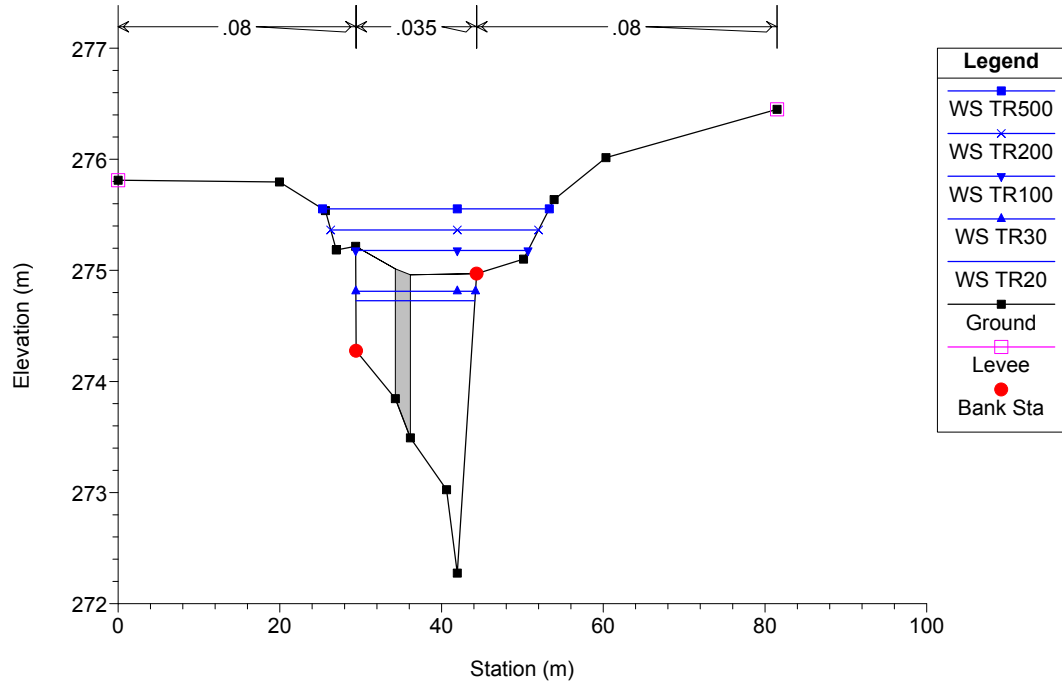
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TAV0010\_B



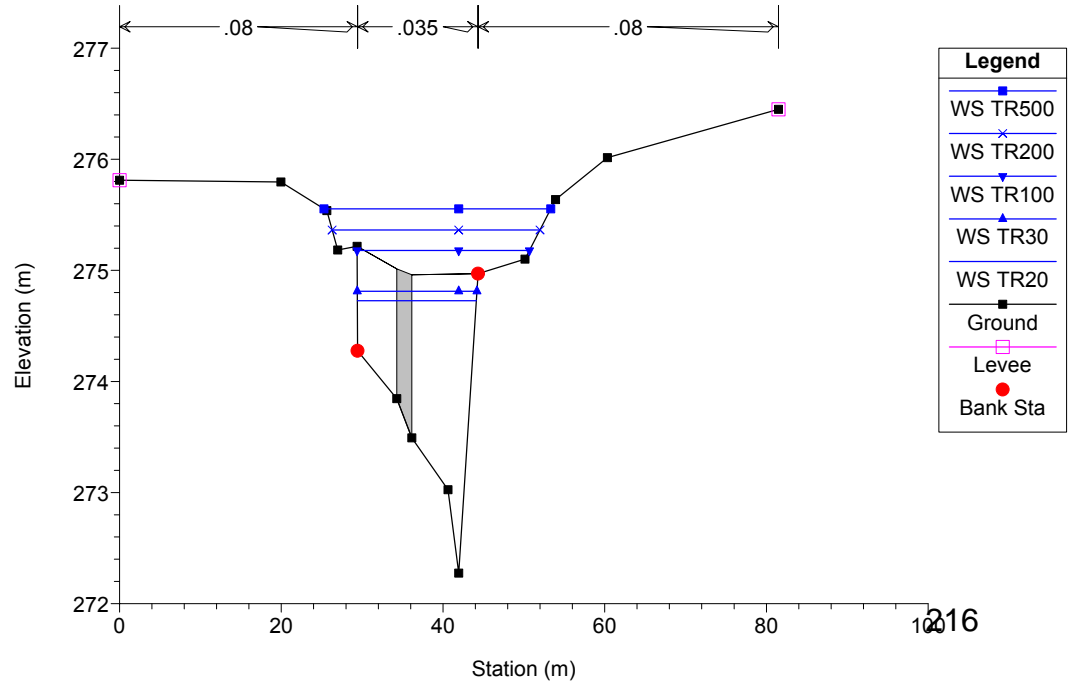
tavaiano\_n Plan: Moto\_permanente 3/18/2011  
TAV0010\_A monte passerella



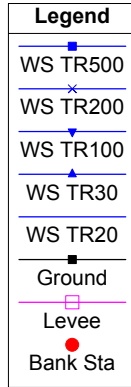
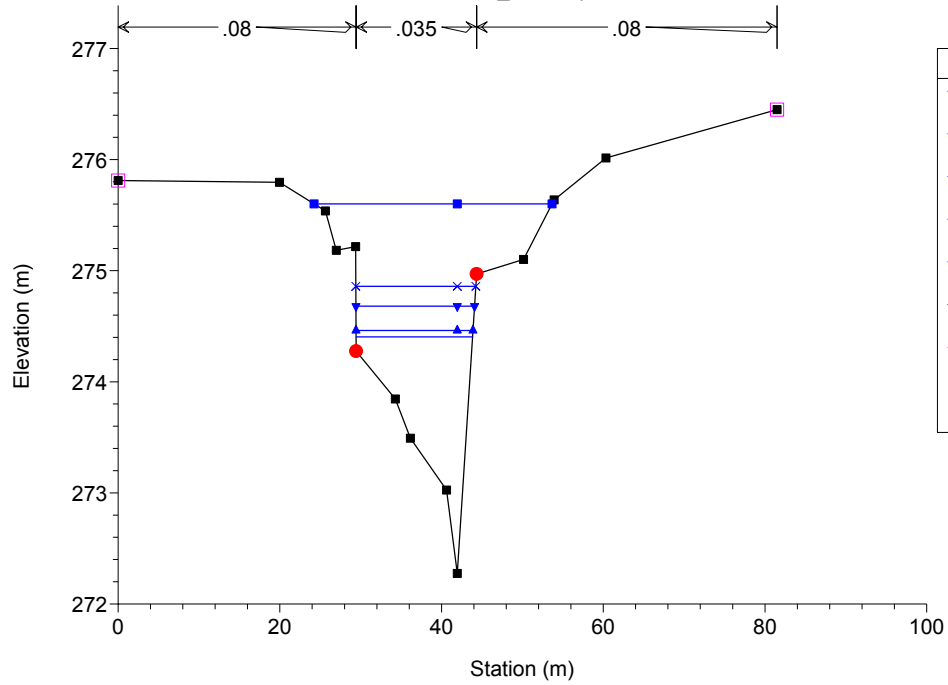
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TAV010\_A



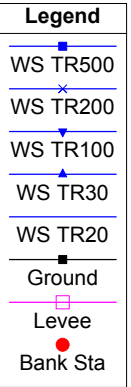
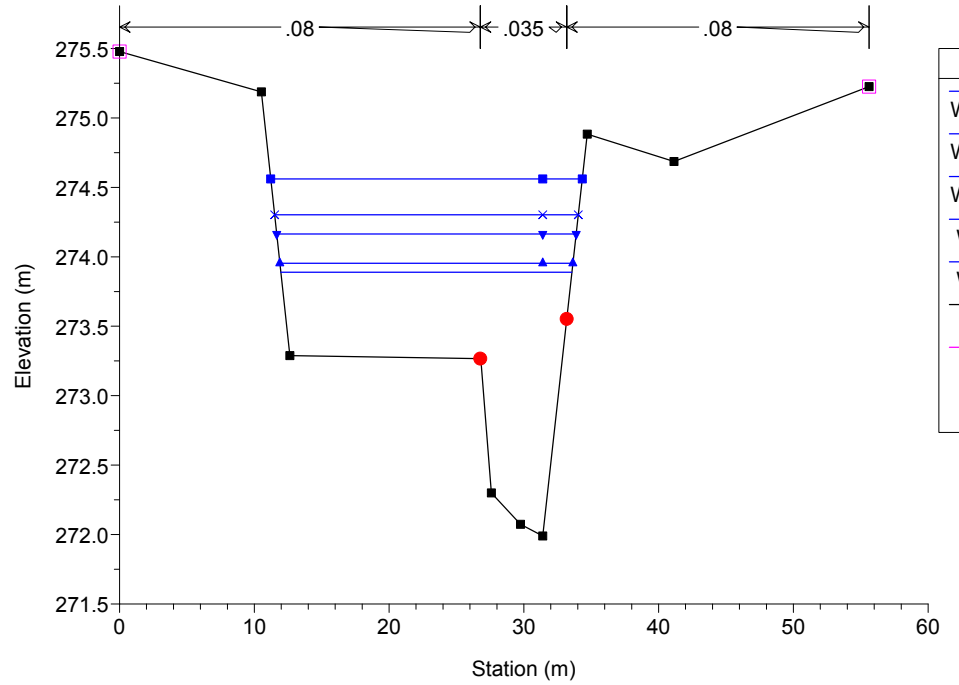
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TAV010\_A



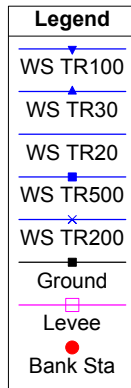
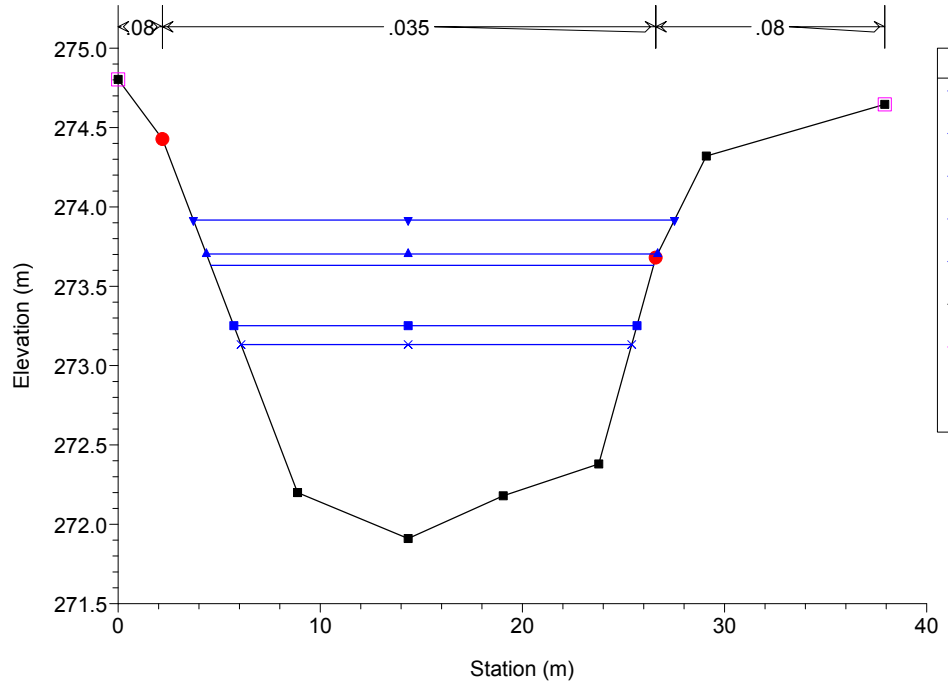
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TAV0010\_A valle passerella



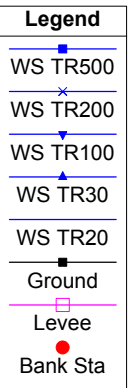
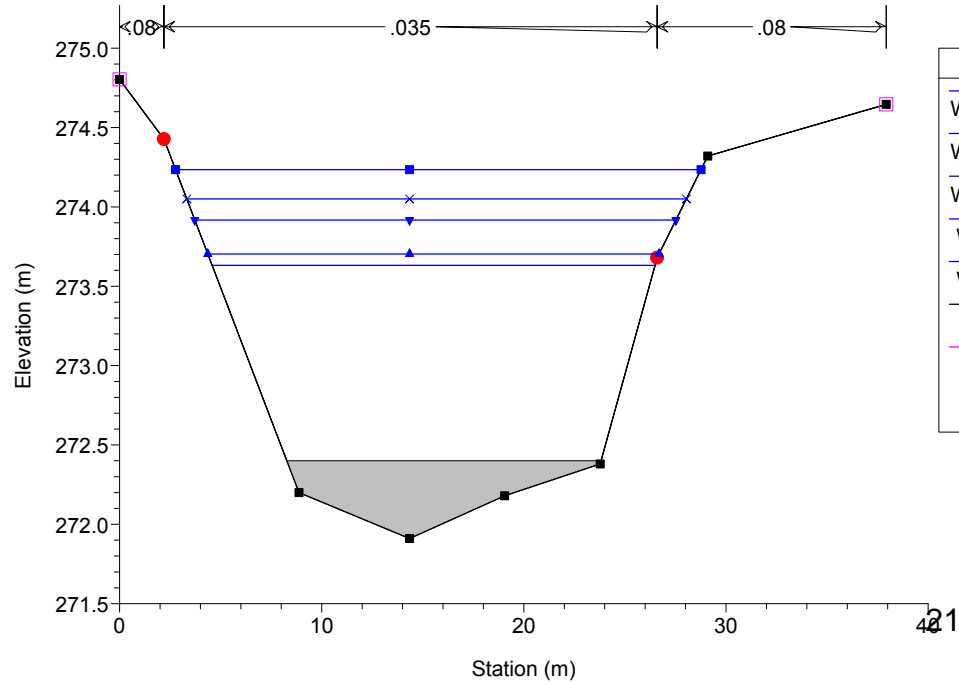
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TAV009D



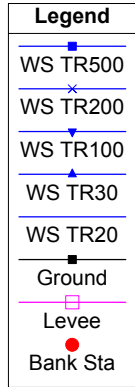
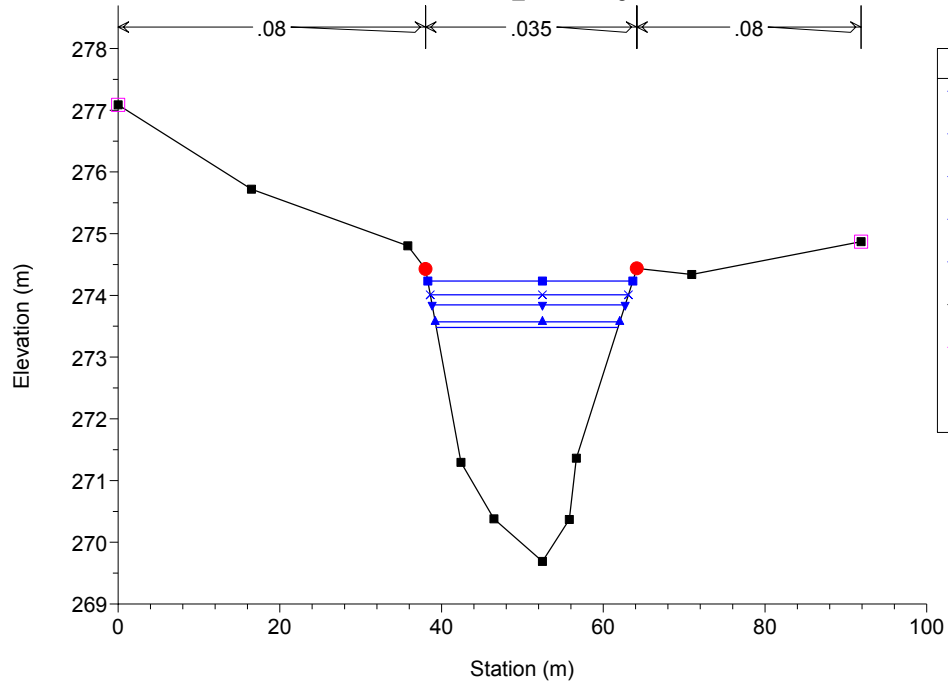
tavaiano\_n Plan: Moto\_permanente 3/18/2011  
TAV009\_C1 monte soglia



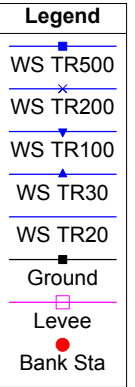
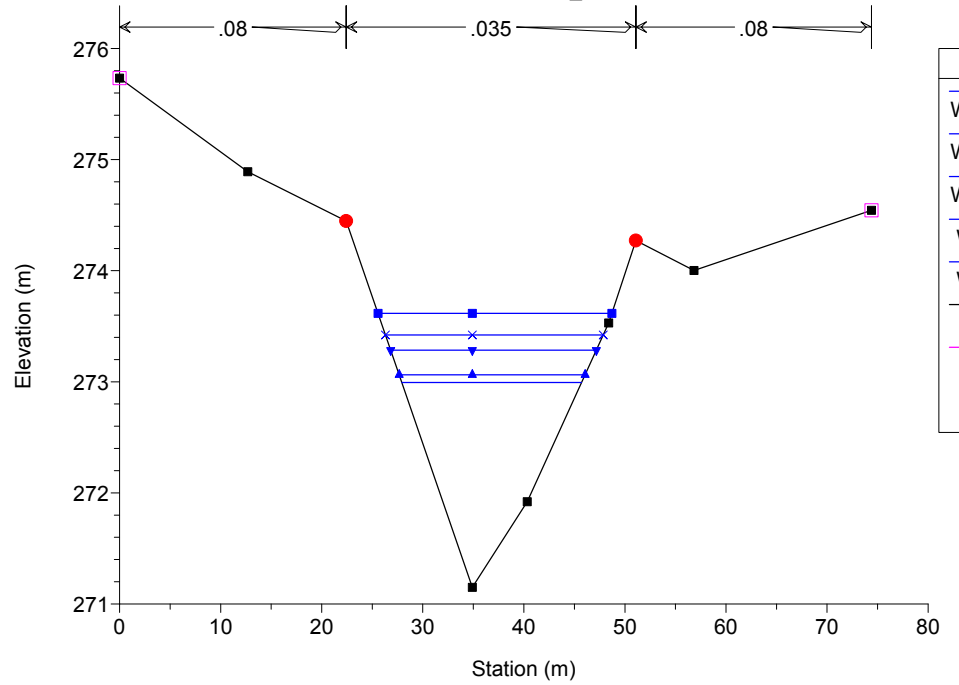
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TAV009C



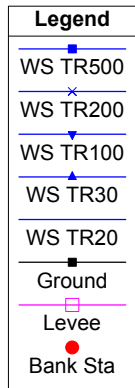
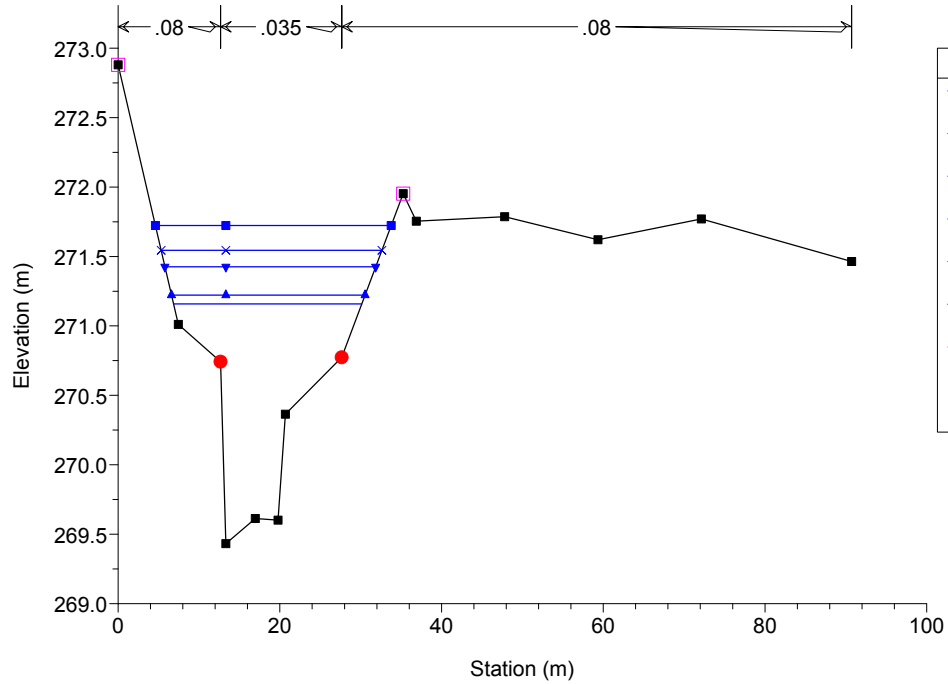
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TAV009\_B valle soglia



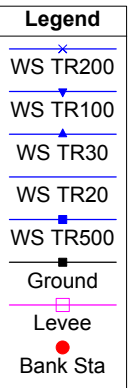
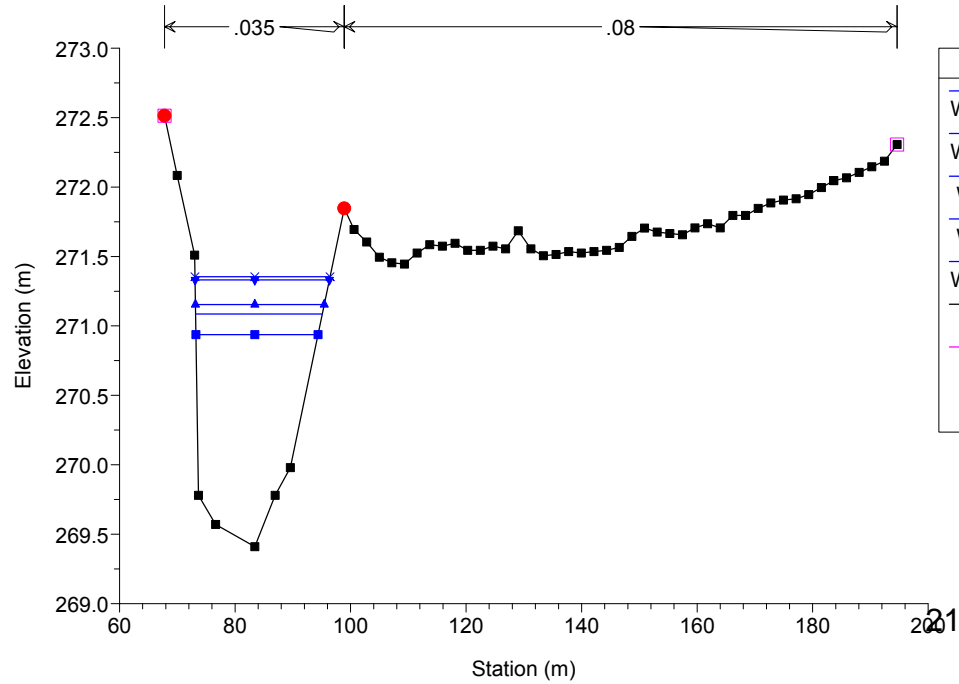
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TAV009\_A

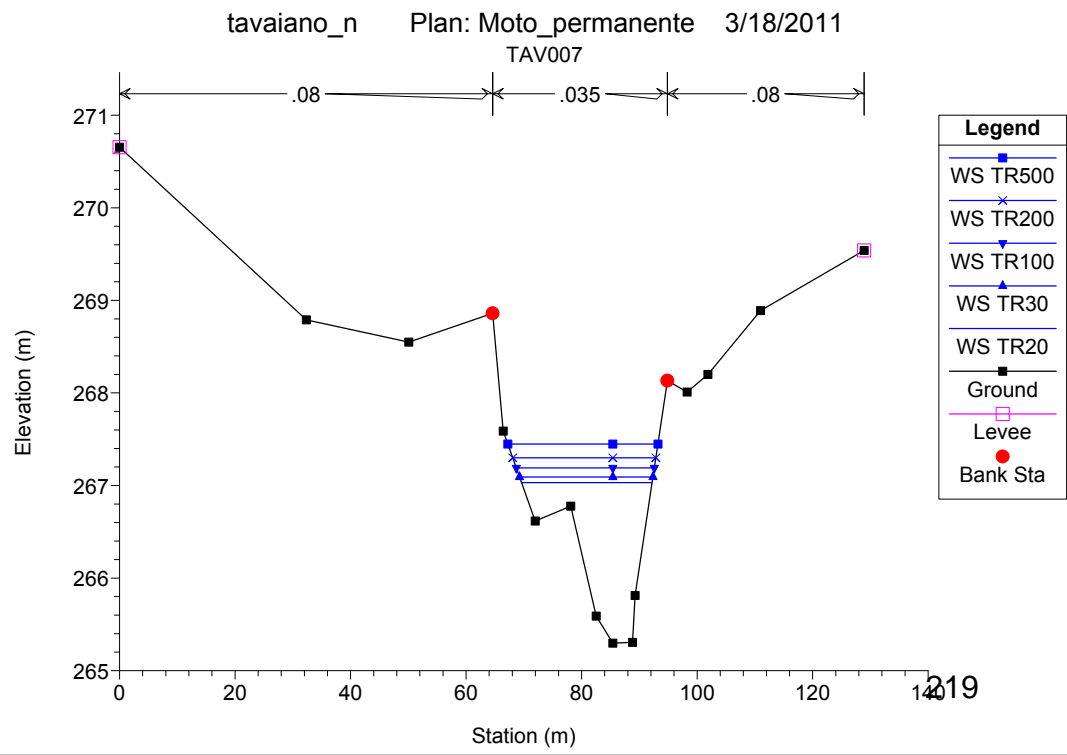
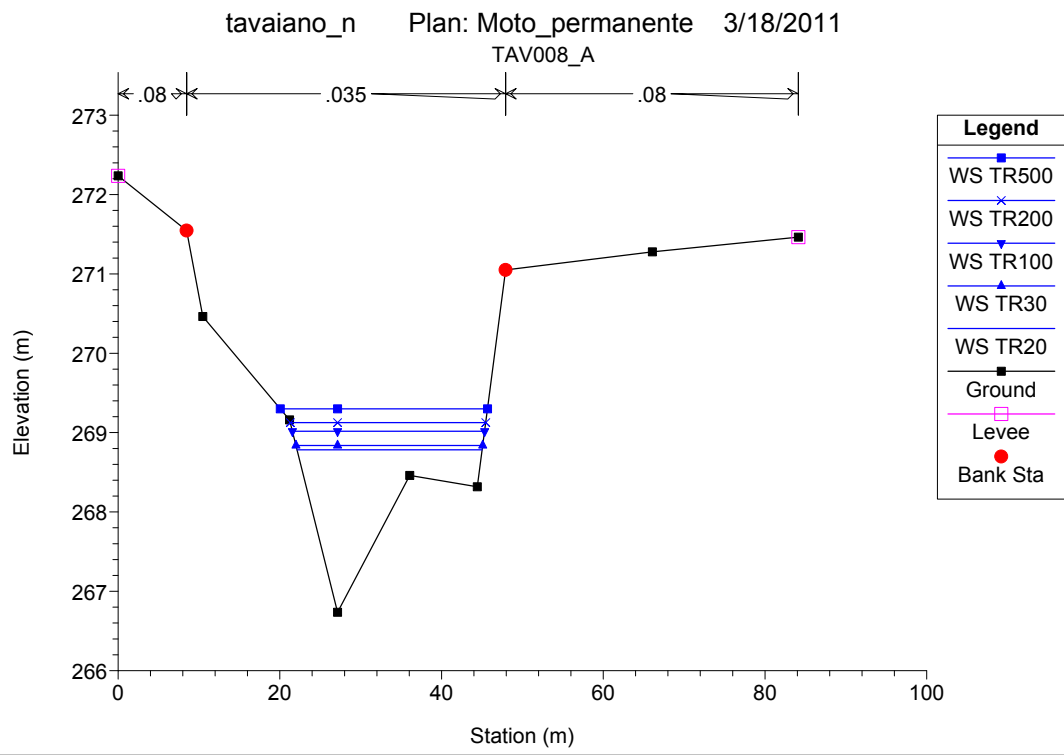
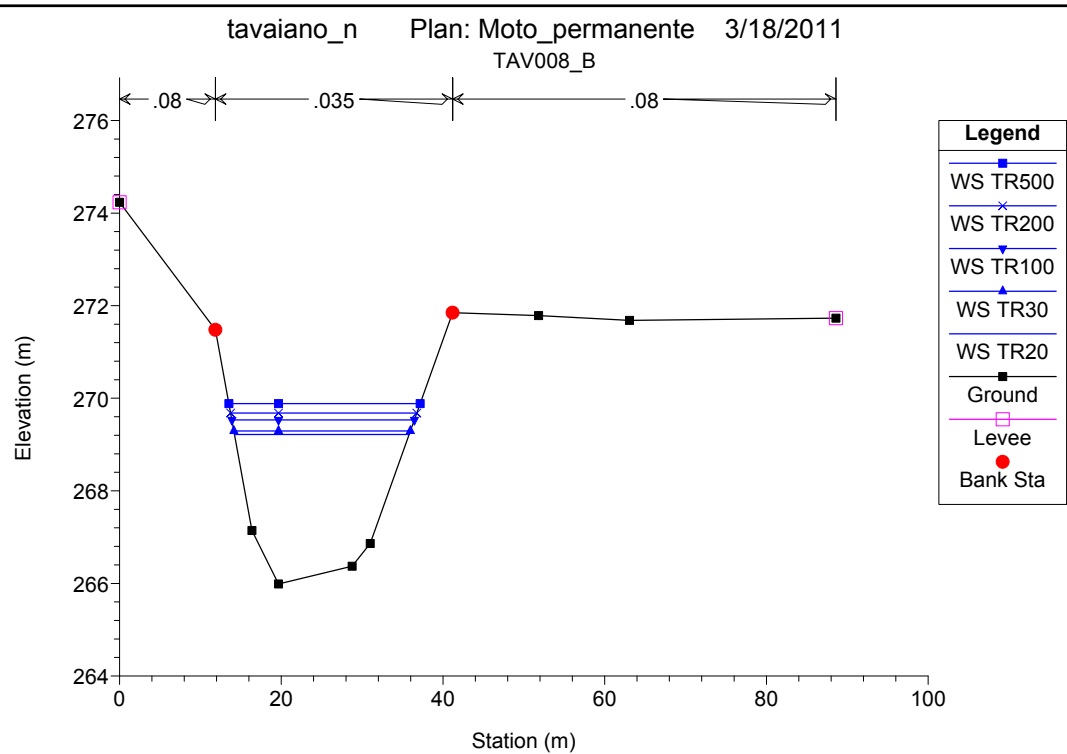
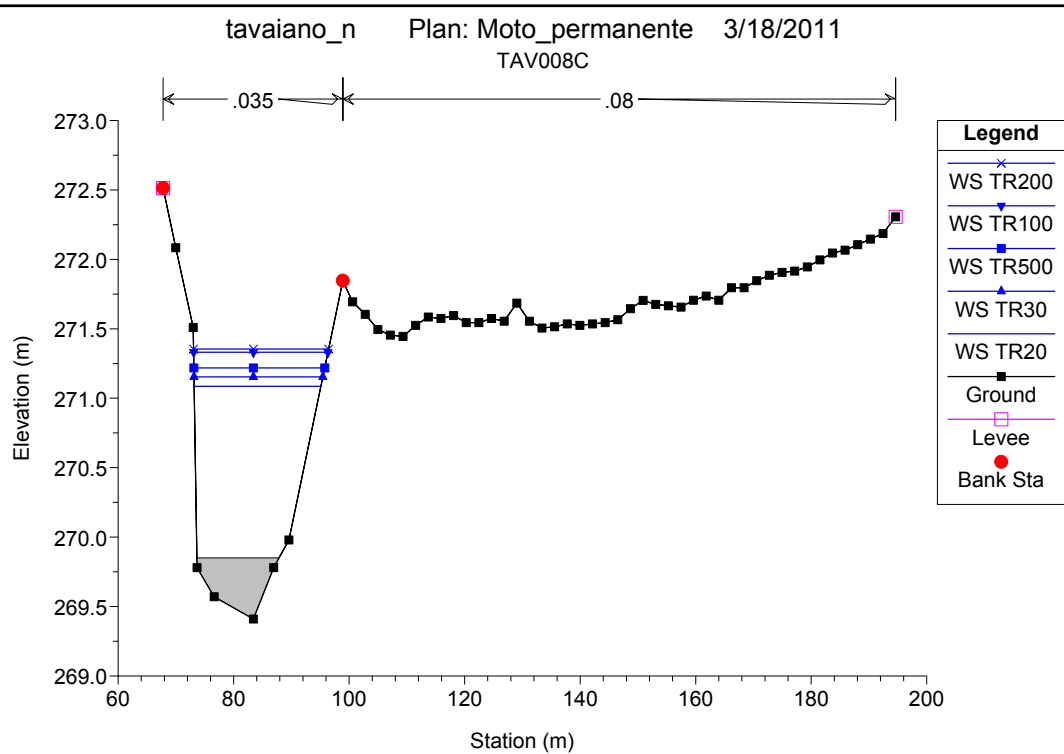


tavaiano\_n Plan: Moto\_permanente 3/18/2011  
TAV008\_D

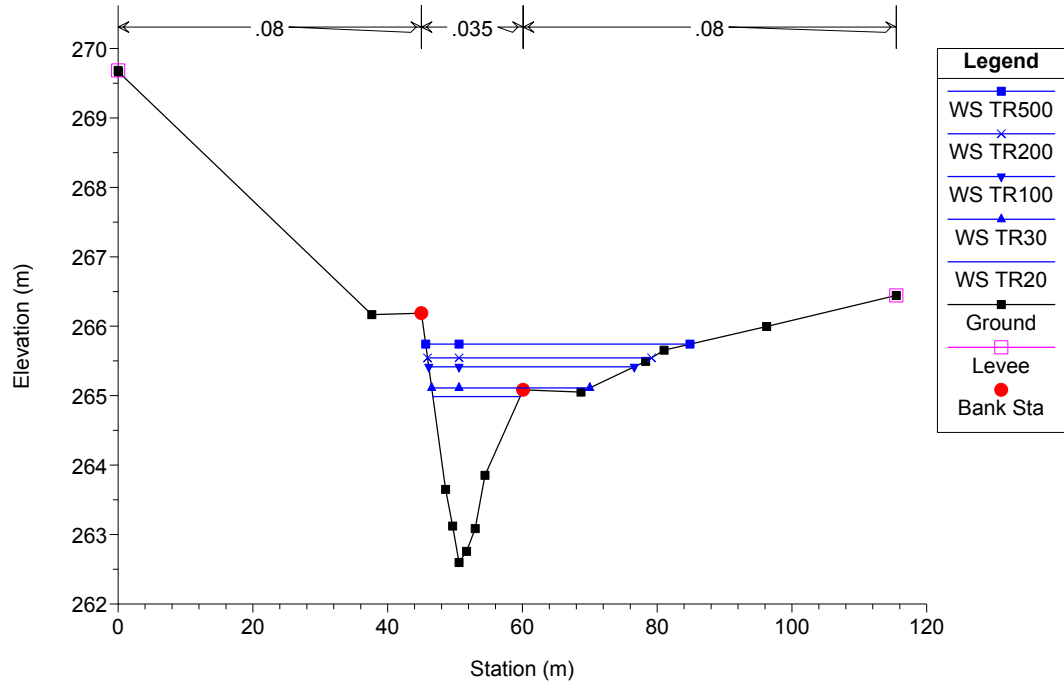


tavaiano\_n Plan: Moto\_permanente 3/18/2011  
TAV008\_C1 monte soglia

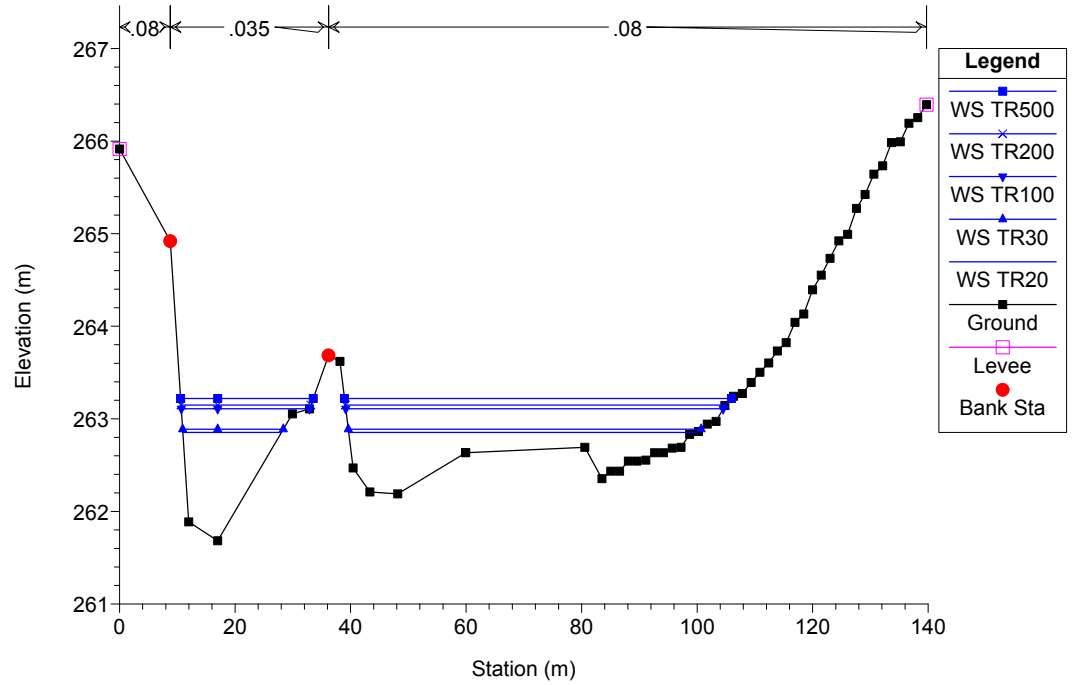




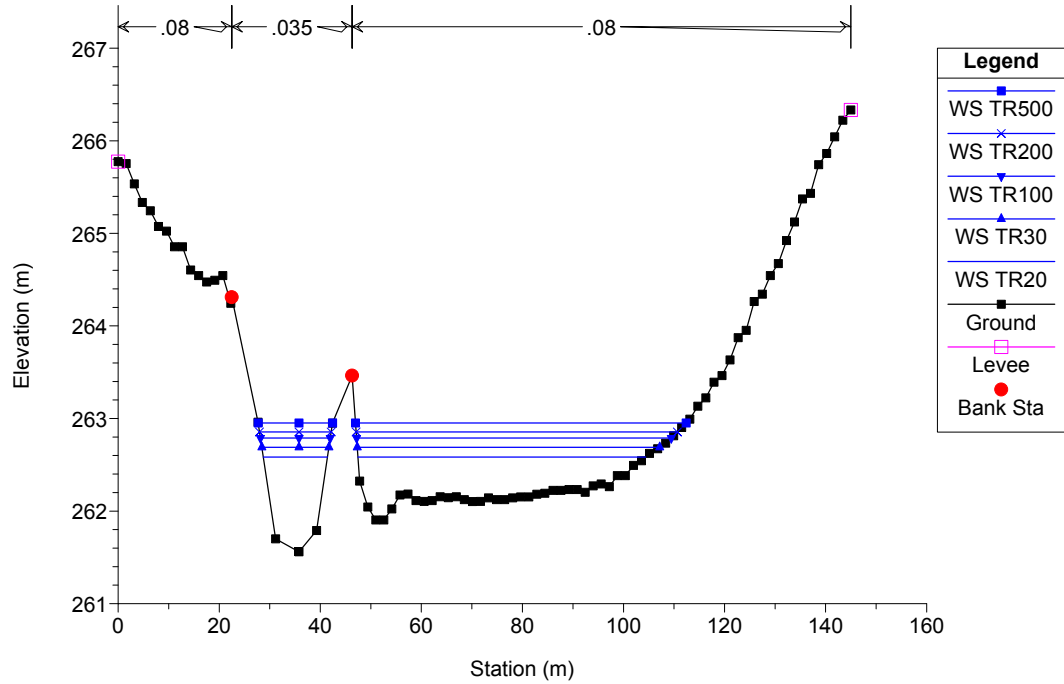
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TAV006



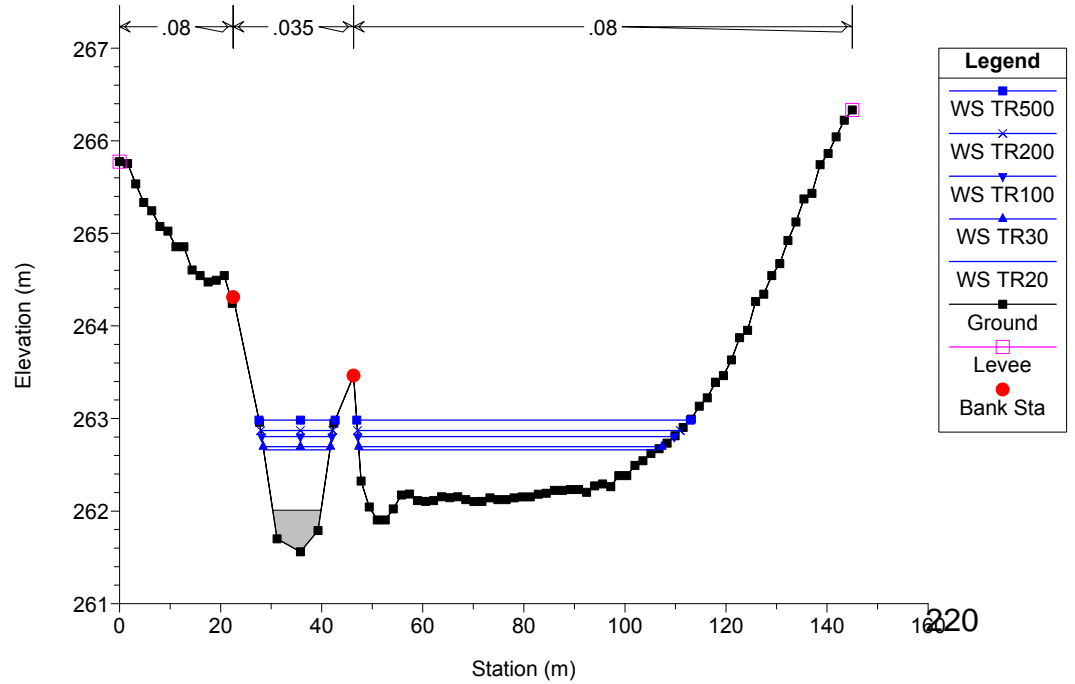
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TAV005D



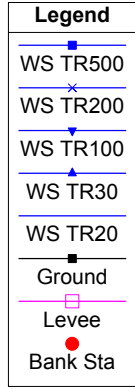
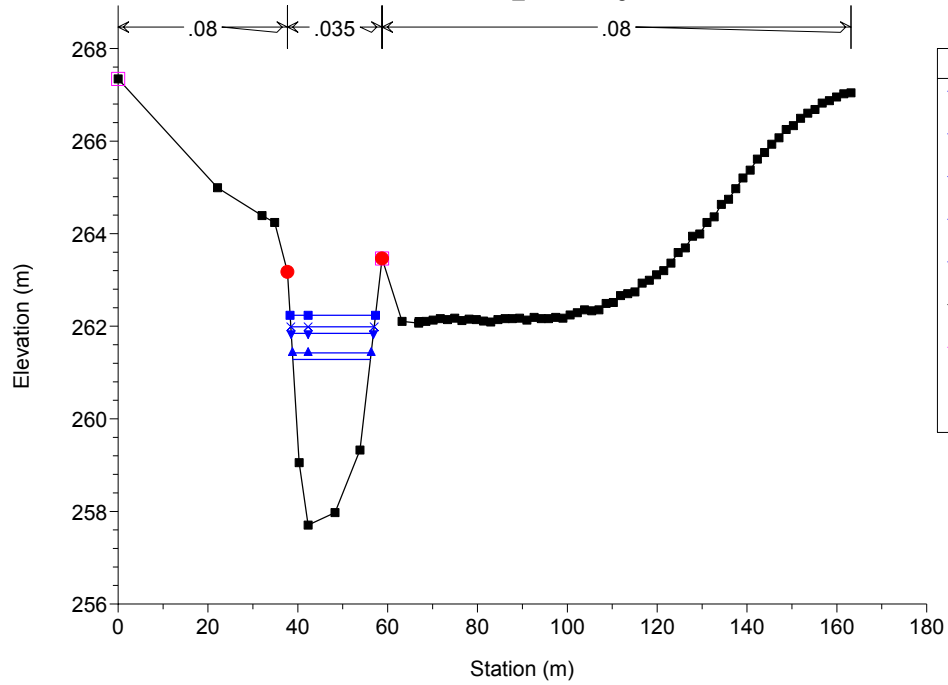
tavaiano\_n Plan: Moto\_permanente 3/18/2011  
TAV005\_C1 monte soglia



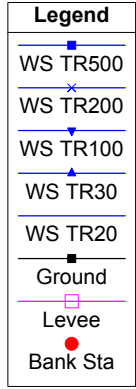
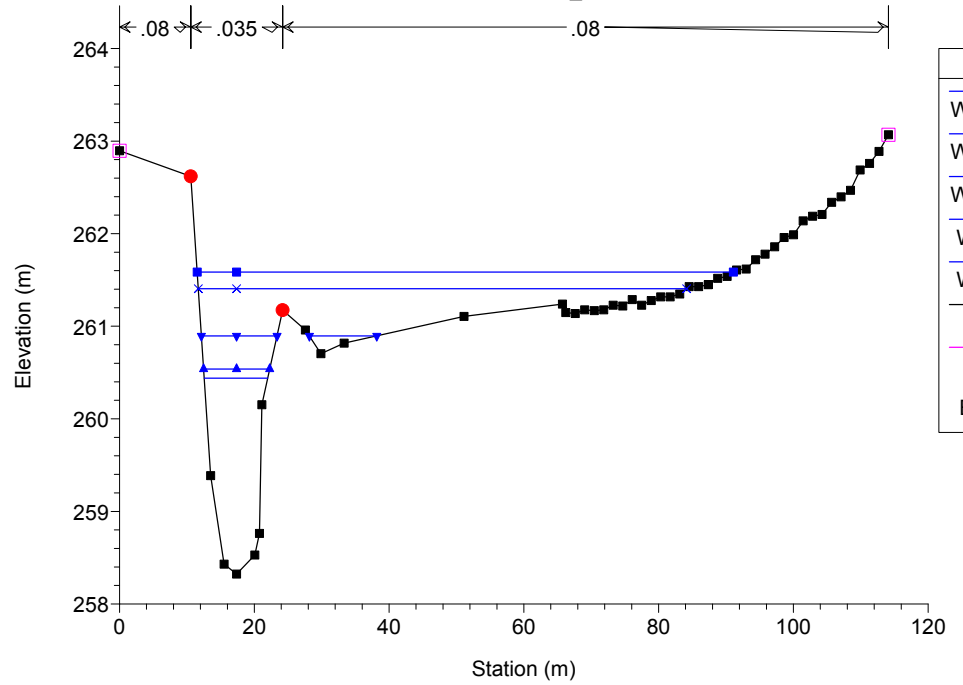
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TAV005C



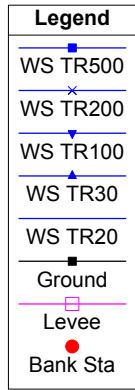
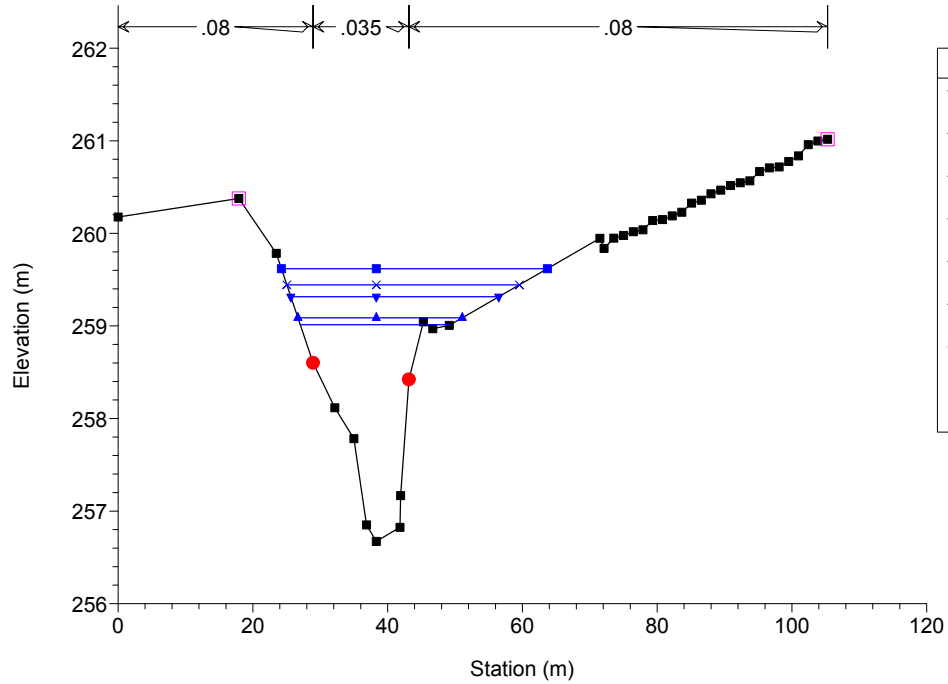
tavaiano\_n Plan: Moto\_permanente 3/18/2011  
TAV005\_B valle soglia



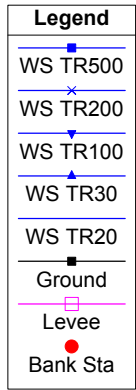
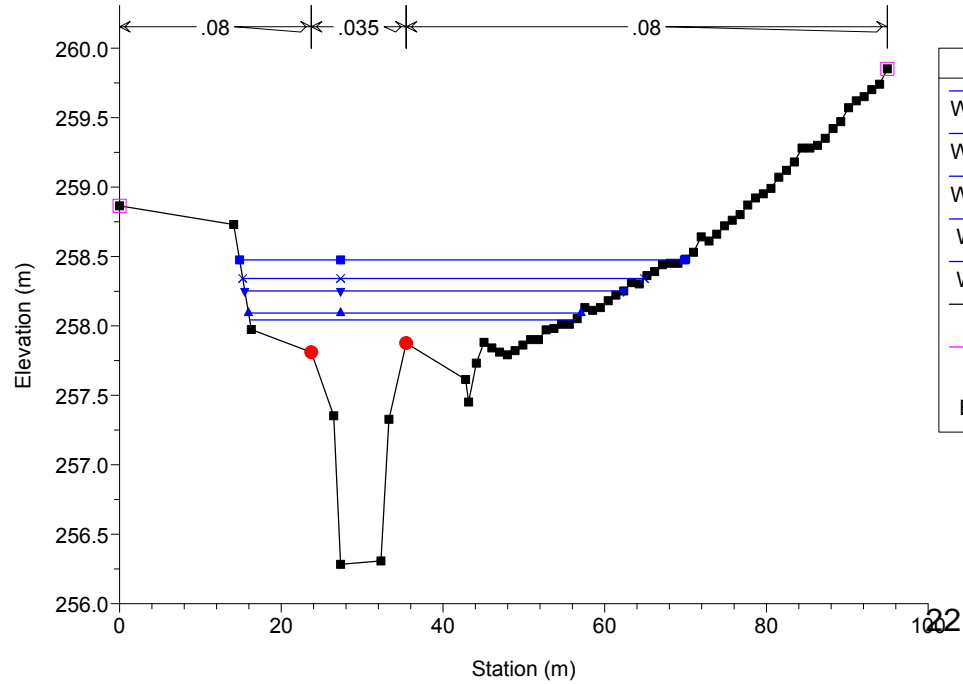
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TAV005\_A



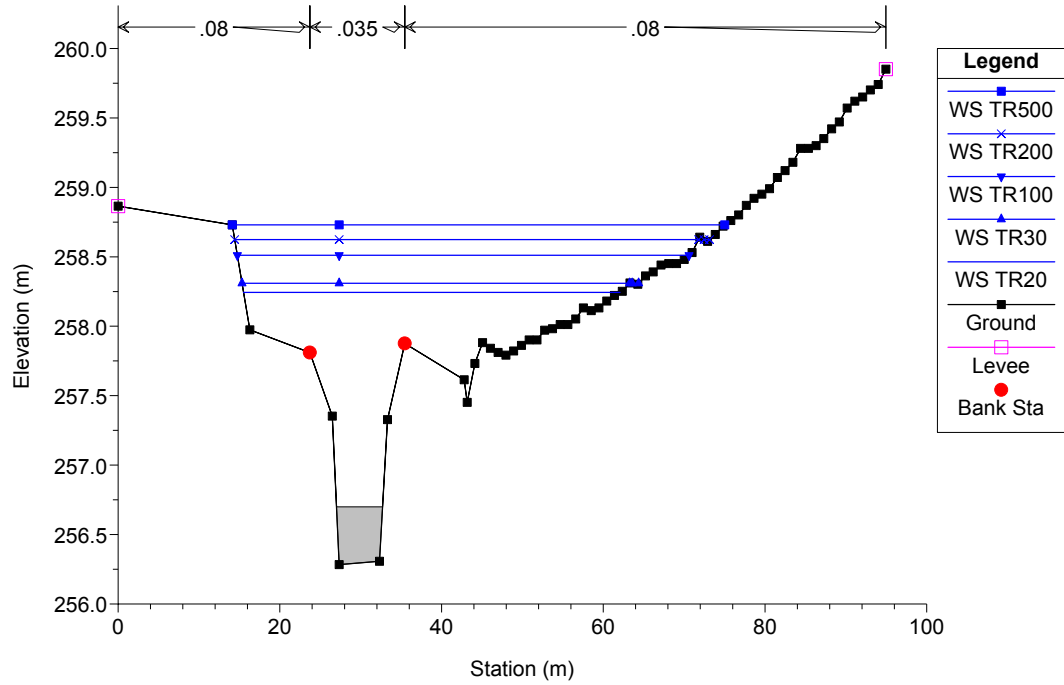
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TAV004



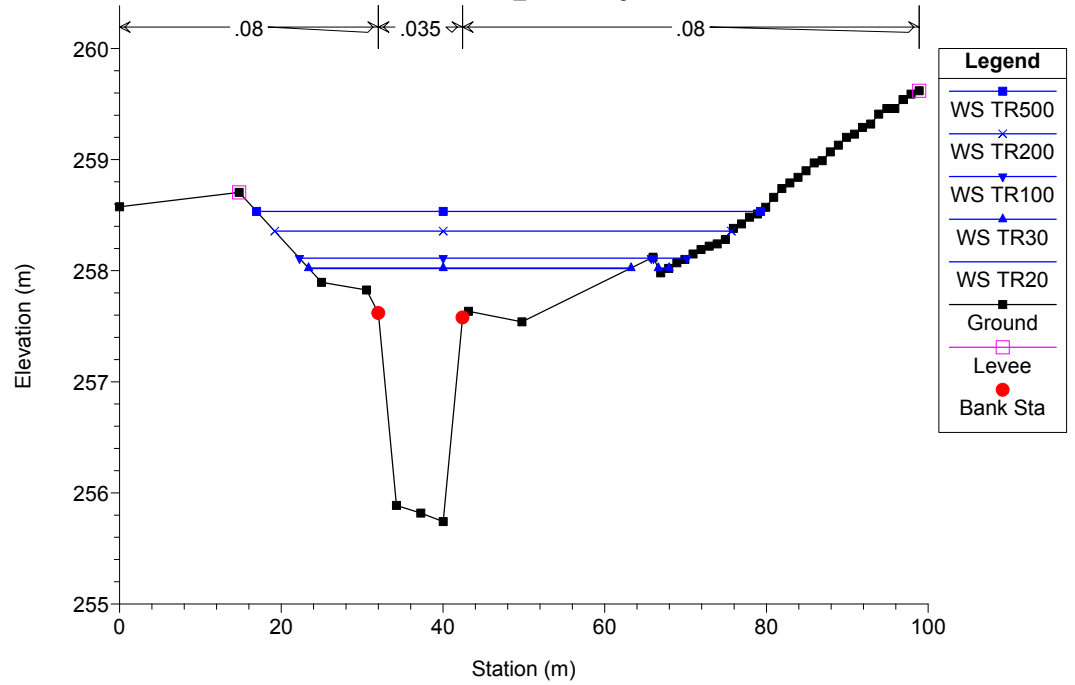
tavaiano\_n Plan: Moto\_permanente 3/18/2011  
TAV003\_C monte soglia



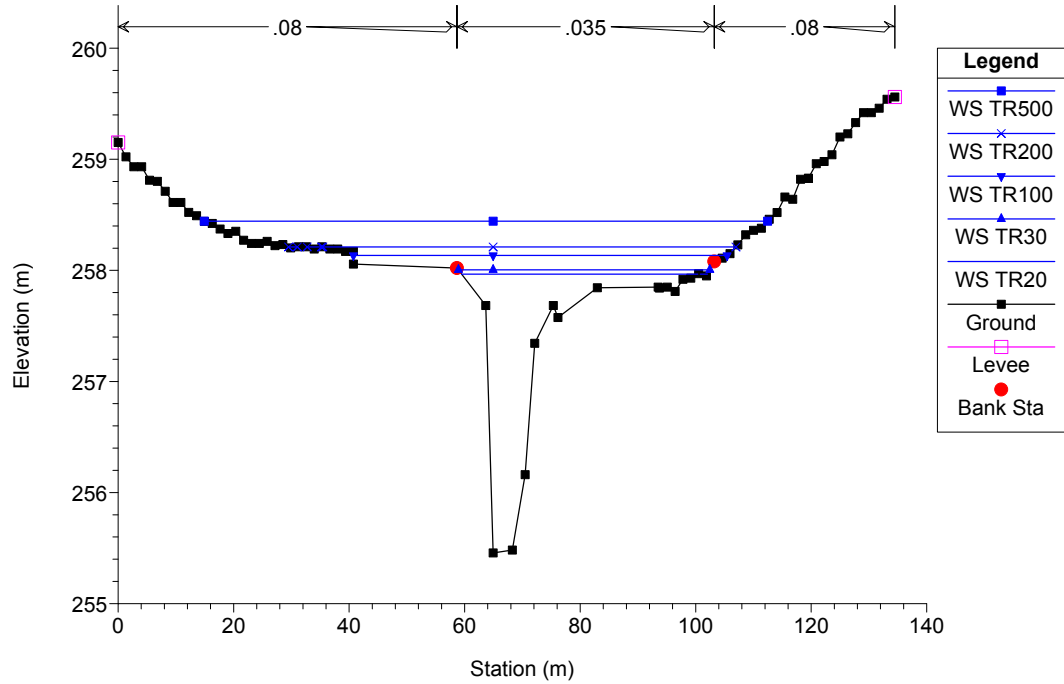
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TAV003B



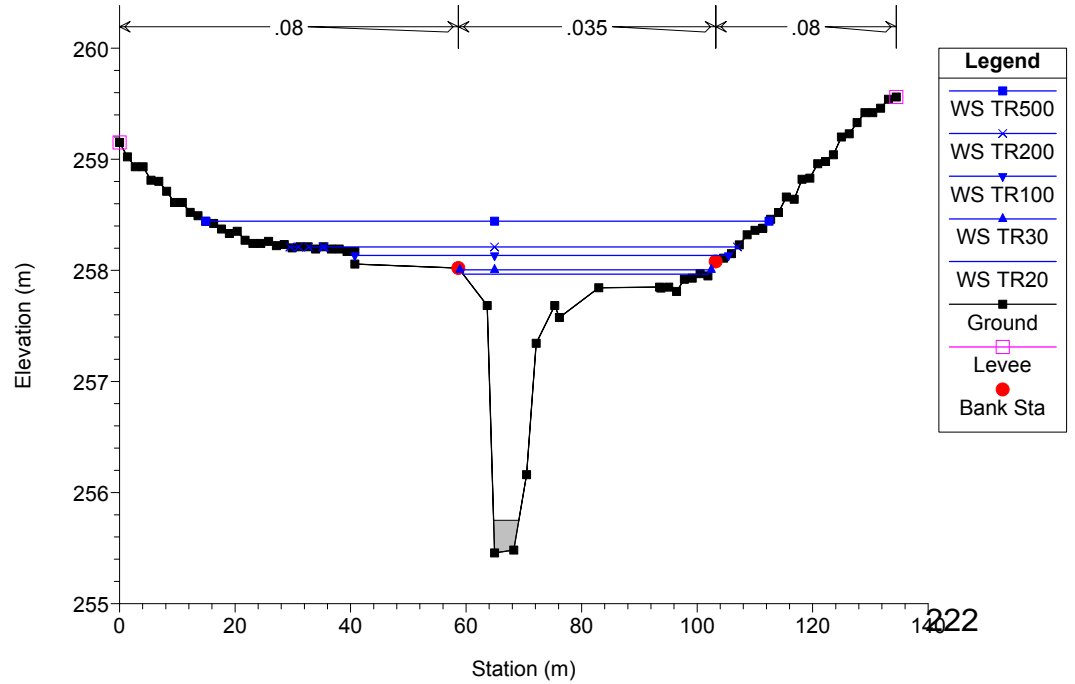
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TAV003\_A valle soglia



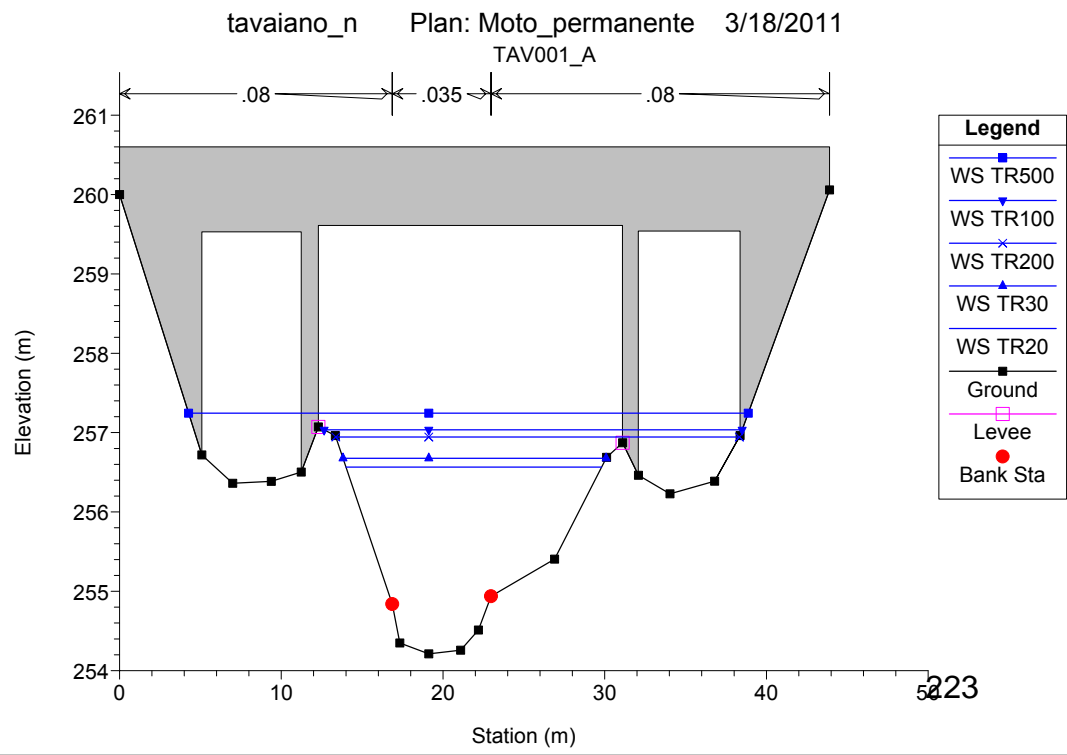
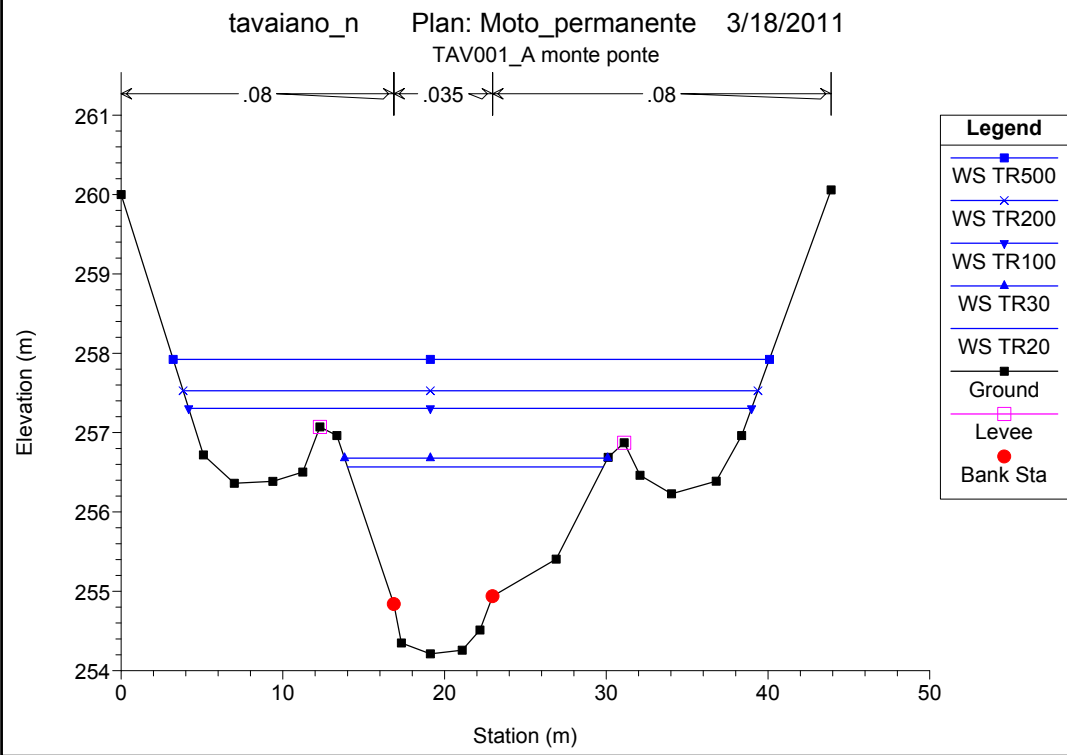
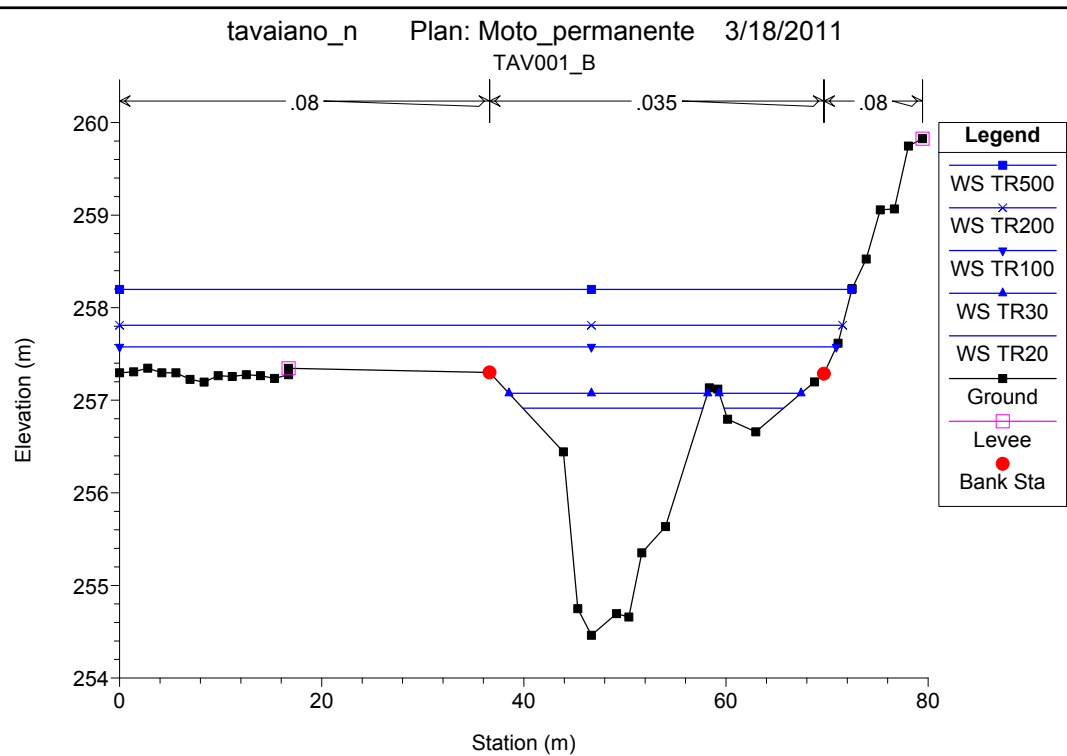
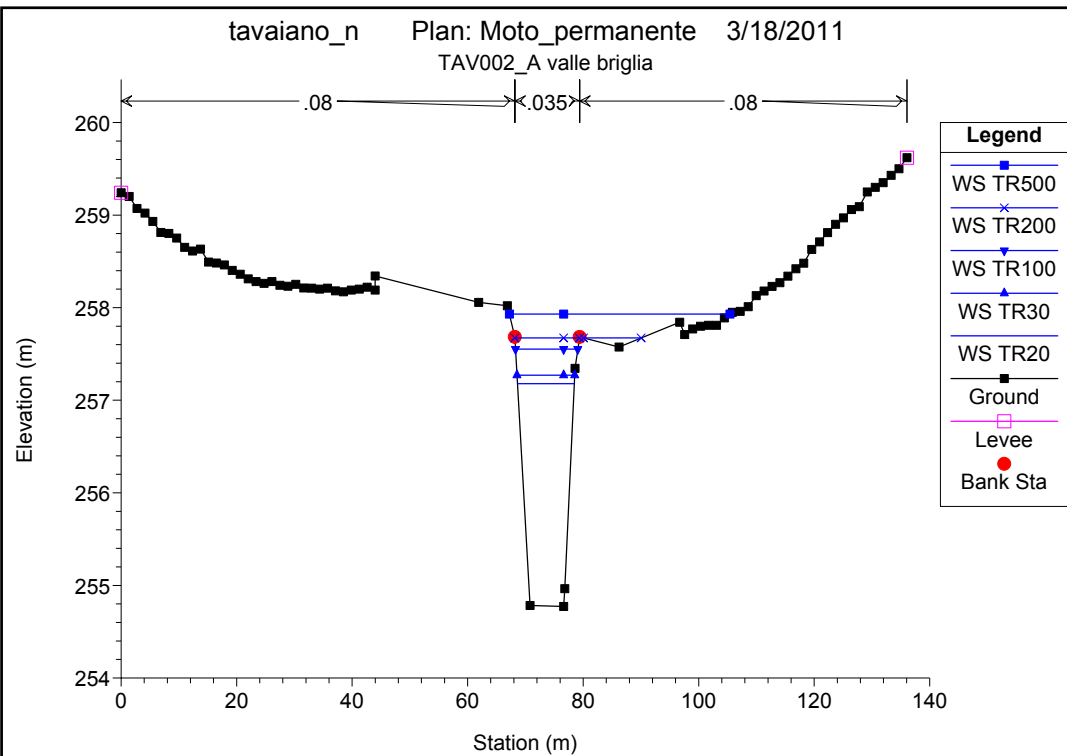
tavaiano\_n Plan: Moto\_permanente 3/18/2011  
TAV002\_B monte briglia

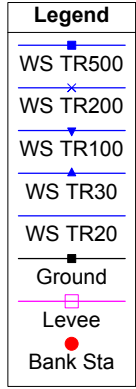
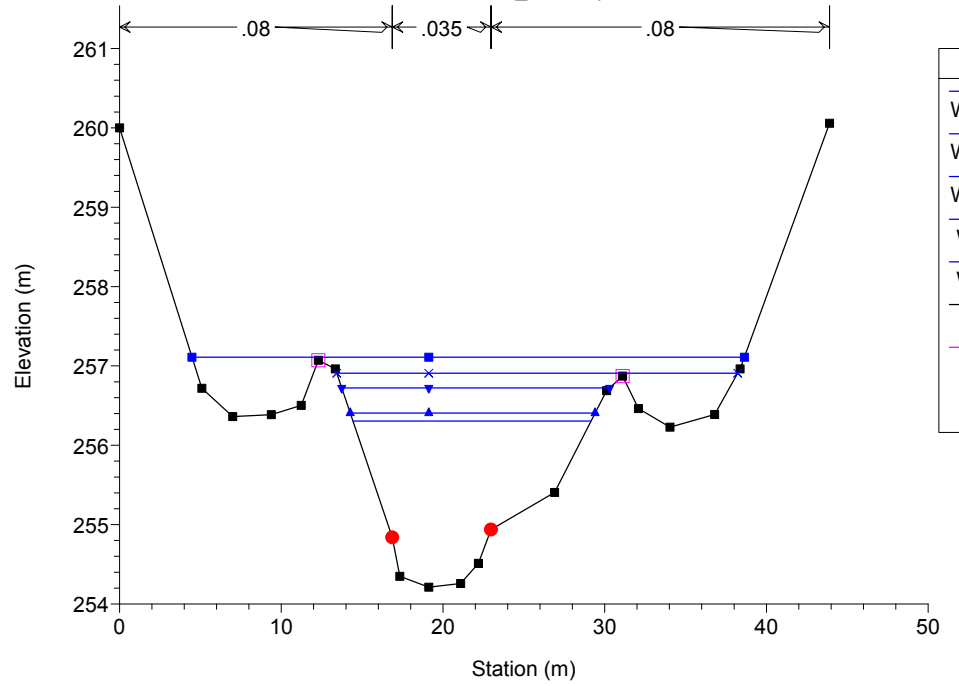
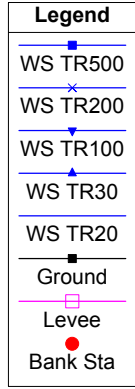
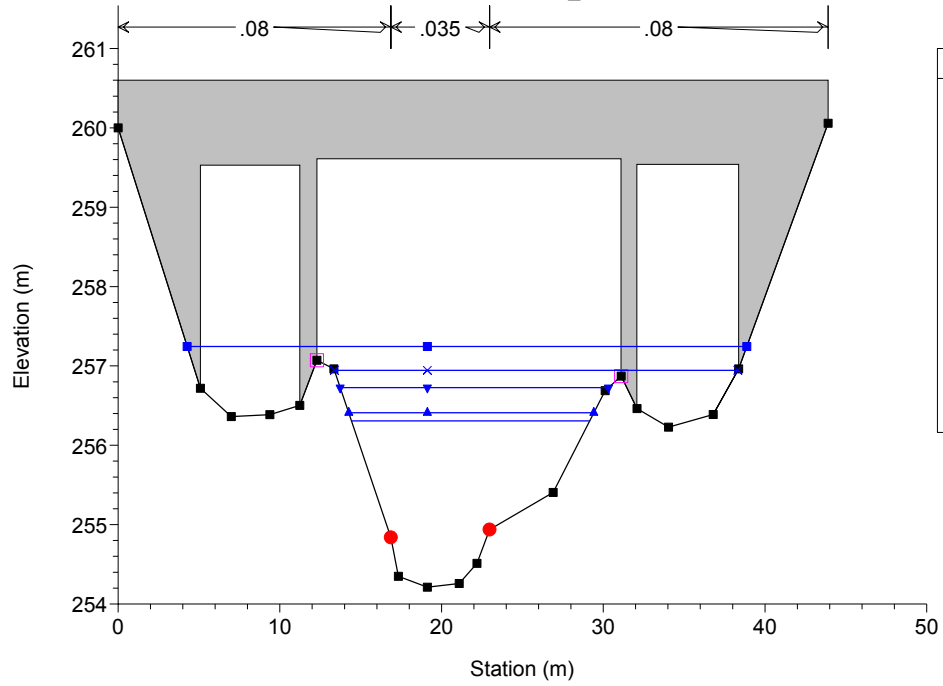


tavaiano\_n Plan: Moto\_permanente 3/18/2011  
TAV002B









Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
t.Tavaiano	31	TR20	52.30	300.95	303.25	303.25	304.04	0.013504	3.94	13.29	8.37	1.00
t.Tavaiano	31	TR30	57.51	300.95	303.37	303.37	304.19	0.013345	4.00	14.36	8.75	1.00
t.Tavaiano	31	TR100	75.46	300.95	303.75	303.75	304.66	0.012923	4.21	17.93	9.89	1.00
t.Tavaiano	31	TR200	87.84	300.95	303.98	303.98	304.94	0.012717	4.35	20.19	10.44	1.00
t.Tavaiano	31	TR500	106.67	300.95	304.28	304.28	305.33	0.012475	4.54	23.48	11.16	1.00
t.Tavaiano	30	TR20	52.30	300.50	302.37	302.45	303.10	0.014822	3.79	13.81	11.16	1.09
t.Tavaiano	30	TR30	57.51	300.50	302.47	302.54	303.23	0.014350	3.86	14.90	11.38	1.08
t.Tavaiano	30	TR100	75.46	300.50	302.70	302.84	303.64	0.015333	4.29	17.57	11.91	1.13
t.Tavaiano	30	TR200	87.84	300.50	302.91	303.02	303.88	0.014118	4.37	20.11	12.39	1.09
t.Tavaiano	30	TR500	106.67	300.50	303.06	303.28	304.25	0.016055	4.84	22.03	12.74	1.18
t.Tavaiano	29.4	TR20	52.30	299.80	301.73	301.47	302.15	0.006958	2.86	18.28	12.77	0.76
t.Tavaiano	29.4	TR30	57.51	299.80	301.79	301.56	302.25	0.007472	3.02	19.04	12.90	0.79
t.Tavaiano	29.4	TR100	75.46	299.80	301.76	301.83	302.59	0.013645	4.05	18.66	12.84	1.07
t.Tavaiano	29.4	TR200	87.84	299.80	301.97	302.01	302.83	0.012349	4.10	21.44	13.33	1.03
t.Tavaiano	29.4	TR500	106.67	299.80	302.15	302.25	303.17	0.013446	4.48	23.83	13.73	1.08
t.Tavaiano	29.3	TR20	52.30	299.80	301.73	301.43	302.10	0.006208	2.68	19.51	14.45	0.73
t.Tavaiano	29.3	TR30	57.51	299.80	301.80	301.52	302.20	0.006517	2.82	20.45	14.87	0.75
t.Tavaiano	29.3	TR100	75.46	299.80	301.94	301.79	302.51	0.008209	3.37	22.64	16.34	0.86
t.Tavaiano	29.3	TR200	87.84	299.80	301.77	301.95	302.75	0.015977	4.37	20.13	14.67	1.17
t.Tavaiano	29.3	TR500	106.67	299.80	301.94	302.18	303.08	0.016101	4.73	22.78	16.43	1.20
t.Tavaiano	29.2		Inl Struct									
t.Tavaiano	29.1	TR20	52.30	297.03	299.12	299.12	299.97	0.014832	4.09	12.78	7.47	1.00
t.Tavaiano	29.1	TR30	57.51	297.03	299.23	299.23	300.14	0.014840	4.21	13.66	7.53	1.00
t.Tavaiano	29.1	TR100	75.46	297.03	299.61	299.61	300.67	0.014947	4.57	16.52	7.73	1.00
t.Tavaiano	29.1	TR200	87.84	297.03	299.85	299.85	301.01	0.015068	4.78	18.37	7.85	1.00
t.Tavaiano	29.1	TR500	106.67	297.03	300.18	300.18	301.49	0.015350	5.08	21.01	8.03	1.00
t.Tavaiano	29	TR20	52.30	297.19	298.24	298.66	299.65	0.054973	5.26	9.94	13.78	1.98
t.Tavaiano	29	TR30	57.51	297.19	298.28	298.74	299.81	0.055925	5.48	10.50	13.88	2.01
t.Tavaiano	29	TR100	75.46	297.19	298.41	298.97	300.32	0.058462	6.12	12.33	14.18	2.09
t.Tavaiano	29	TR200	87.84	297.19	298.49	299.13	300.64	0.059509	6.49	13.53	14.38	2.14
t.Tavaiano	29	TR500	106.67	297.19	298.61	299.34	301.10	0.060436	6.98	15.28	14.64	2.18
t.Tavaiano	28	TR20	52.30	296.16	298.26	298.15	298.87	0.010122	3.47	15.06	10.03	0.90
t.Tavaiano	28	TR30	57.51	296.16	298.36	298.25	299.01	0.010265	3.58	16.05	10.28	0.91
t.Tavaiano	28	TR100	75.46	296.16	298.64	298.59	299.44	0.011062	3.96	19.04	10.99	0.96
t.Tavaiano	28	TR200	87.84	296.16	298.82	298.79	299.70	0.011145	4.15	21.14	11.42	0.97
t.Tavaiano	28	TR500	106.67	296.16	299.08	299.06	300.08	0.010887	4.43	24.25	14.25	0.98
t.Tavaiano	27	TR20	52.30	295.06	297.81	297.26	298.18	0.005035	2.68	19.52	11.05	0.64
t.Tavaiano	27	TR30	57.51	295.06	297.93	297.37	298.32	0.005084	2.76	20.86	11.37	0.65
t.Tavaiano	27	TR100	75.46	295.06	298.30	297.71	298.76	0.005241	2.99	25.23	12.37	0.67
t.Tavaiano	27	TR200	87.84	295.06	298.52	297.92	299.02	0.005373	3.14	27.97	12.97	0.68
t.Tavaiano	27	TR500	106.67	295.06	298.81	298.21	299.38	0.005588	3.35	31.85	13.76	0.70
t.Tavaiano	26	TR20	52.30	294.58	297.42	296.86	297.73	0.003093	2.69	30.23	21.06	0.55
t.Tavaiano	26	TR30	57.51	294.58	297.54	296.98	297.86	0.003113	2.78	32.76	22.00	0.55
t.Tavaiano	26	TR100	75.46	294.58	297.91	297.27	298.28	0.003145	3.06	41.41	24.92	0.57
t.Tavaiano	26	TR200	87.84	294.58	298.12	297.42	298.53	0.003205	3.23	46.92	26.62	0.58
t.Tavaiano	26	TR500	106.67	294.58	298.38	297.71	298.85	0.003441	3.52	53.92	28.63	0.61
t.Tavaiano	25.3	TR20	52.30	293.74	296.25	296.25	297.03	0.013672	3.91	13.38	8.59	1.00
t.Tavaiano	25.3	TR30	57.51	293.74	296.37	296.37	297.18	0.013497	3.99	14.41	8.86	1.00
t.Tavaiano	25.3	TR100	75.46	293.74	296.73	296.73	297.65	0.013149	4.25	17.76	9.68	1.00
t.Tavaiano	25.3	TR200	87.84	293.74	297.01	297.01	297.93	0.012846	4.24	20.69	11.27	1.00
t.Tavaiano	25.3	TR500	106.67	293.74	297.68	297.58	298.23	0.006443	3.40	43.04	48.93	0.73
t.Tavaiano	25.2	TR20	52.30	293.39	295.27	295.75	296.78	0.040790	5.45	9.60	8.45	1.63
t.Tavaiano	25.2	TR30	57.51	293.39	295.36	295.86	296.93	0.040394	5.56	10.35	8.78	1.63
t.Tavaiano	25.2	TR100	75.46	293.39	296.80	296.21	297.22	0.004098	2.99	32.43	22.08	0.59
t.Tavaiano	25.2	TR200	87.84	293.39	297.21	296.42	297.59	0.003134	2.89	42.28	25.94	0.53
t.Tavaiano	25.2	TR500	106.67	293.39	297.81	296.71	298.14	0.002203	2.74	59.70	31.62	0.46
t.Tavaiano	25.15		Bridge									
t.Tavaiano	25	TR20	52.30	293.39	295.73	295.75	296.46	0.013420	3.80	14.20	12.05	0.98
t.Tavaiano	25	TR30	57.51	293.39	295.69	295.86	296.63	0.017898	4.31	13.69	11.65	1.13
t.Tavaiano	25	TR100	75.46	293.39	295.87	296.21	297.14	0.020880	5.02	15.90	13.31	1.24
t.Tavaiano	25	TR200	87.84	293.39	295.97	296.42	297.47	0.022954	5.47	17.31	14.27	1.32
t.Tavaiano	25	TR500	106.67	293.39	296.10	296.71	297.98	0.026221	6.14	19.27	15.51	1.43
t.Tavaiano	24.4	TR20	52.30	293.39	295.98	295.49	296.31	0.005519	2.56	20.40	11.85	0.62
t.Tavaiano	24.4	TR30	57.51	293.39	296.07	295.58	296.44	0.005667	2.67	21.55	11.95	0.63
t.Tavaiano	24.4	TR100	75.46	293.39	295.39	295.86	296.97	0.039644	5.57	13.55	11.28	1.62
t.Tavaiano	24.4	TR200	87.84	293.39	295.49	296.04	297.29	0.041206	5.95	14.77	11.39	1.67
t.Tavaiano	24.4	TR500	106.67	293.39	295.64	296.29	297.79	0.044157	6.50	16.41	11.52	1.74
t.Tavaiano	24.3		Inl Struct									

Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
t.Tavaiano	24.2	TR20	52.30	293.28	295.50	294.94	295.82	0.004511	2.52	20.79	11.40	0.59
t.Tavaiano	24.2	TR30	57.51	293.28	295.61	295.03	295.96	0.004600	2.61	22.04	11.50	0.60
t.Tavaiano	24.2	TR100	75.46	293.28	295.95	295.32	296.38	0.004936	2.91	25.96	11.81	0.63
t.Tavaiano	24.2	TR200	87.84	293.28	296.15	295.50	296.64	0.005198	3.10	28.35	12.00	0.64
t.Tavaiano	24.2	TR500	106.67	293.28	296.43	295.76	297.00	0.005546	3.36	31.78	12.27	0.67
t.Tavaiano	24	TR20	52.30	292.74	294.86	294.86	295.45	0.010313	3.43	17.04	18.39	0.92
t.Tavaiano	24	TR30	57.51	292.74	294.85	294.96	295.58	0.012950	3.82	16.75	18.27	1.03
t.Tavaiano	24	TR100	75.46	292.74	295.06	295.23	295.95	0.013767	4.26	20.79	19.87	1.08
t.Tavaiano	24	TR200	87.84	292.74	295.17	295.40	296.18	0.014723	4.57	23.08	20.72	1.12
t.Tavaiano	24	TR500	106.67	292.74	295.65	295.65	296.46	0.008981	4.16	34.42	29.65	0.91
t.Tavaiano	23.4	TR20	52.30	292.37	294.41	294.41	294.70	0.010962	2.46	27.14	55.35	0.87
t.Tavaiano	23.4	TR30	57.51	292.37	294.45	294.45	294.76	0.011153	2.55	29.21	55.74	0.88
t.Tavaiano	23.4	TR100	75.46	292.37	294.65	294.56	294.95	0.008566	2.57	41.04	62.53	0.80
t.Tavaiano	23.4	TR200	87.84	292.37	294.79	294.68	295.07	0.007168	2.54	50.11	66.83	0.74
t.Tavaiano	23.4	TR500	106.67	292.37	294.96	294.78	295.25	0.006431	2.62	61.83	73.95	0.72
t.Tavaiano	23.3	TR20	52.30	292.37	293.82	294.05	294.54	0.027504	3.75	13.95	18.14	1.36
t.Tavaiano	23.3	TR30	57.51	292.37	293.91	294.11	294.60	0.025582	3.69	15.58	19.69	1.32
t.Tavaiano	23.3	TR100	75.46	292.37	294.15	294.34	294.82	0.021754	3.63	20.79	23.99	1.24
t.Tavaiano	23.3	TR200	87.84	292.37	294.21	294.43	294.95	0.023697	3.86	26.01	50.41	1.31
t.Tavaiano	23.3	TR500	106.67	292.37	294.32	294.57	295.12	0.022433	4.05	31.87	53.02	1.29
t.Tavaiano	23.2		Inl Struct									
t.Tavaiano	23.1	TR20	52.30	289.19	292.90	291.24	293.00	0.000858	1.36	38.52	15.58	0.28
t.Tavaiano	23.1	TR30	57.51	289.19	293.01	291.33	293.11	0.000923	1.43	40.14	15.75	0.29
t.Tavaiano	23.1	TR100	75.46	289.19	293.33	291.62	293.47	0.001133	1.67	45.28	16.27	0.32
t.Tavaiano	23.1	TR200	87.84	289.19	293.52	291.79	293.69	0.001268	1.81	48.49	16.59	0.34
t.Tavaiano	23.1	TR500	106.67	289.19	293.80	292.02	294.00	0.001452	2.01	53.05	17.51	0.36
t.Tavaiano	23	TR20	52.30	290.83	292.64	292.25	292.95	0.004519	2.52	23.28	17.82	0.64
t.Tavaiano	23	TR30	57.51	290.83	292.73	292.33	293.07	0.004530	2.62	24.88	18.22	0.64
t.Tavaiano	23	TR100	75.46	290.83	293.00	292.58	293.42	0.004644	2.93	29.98	19.43	0.67
t.Tavaiano	23	TR200	87.84	290.83	293.16	292.73	293.63	0.004758	3.12	33.20	20.16	0.69
t.Tavaiano	23	TR500	106.67	290.83	293.38	292.97	293.94	0.004959	3.41	37.75	21.15	0.71
t.Tavaiano	22	TR20	52.30	290.05	292.08	291.98	292.59	0.010029	3.18	16.47	13.78	0.90
t.Tavaiano	22	TR30	57.51	290.05	292.17	292.07	292.71	0.009786	3.25	17.87	15.14	0.90
t.Tavaiano	22	TR100	75.46	290.05	292.46	292.36	293.07	0.008625	3.47	23.27	22.26	0.87
t.Tavaiano	22	TR200	87.84	290.05	292.68	292.56	293.29	0.007545	3.52	28.40	26.10	0.83
t.Tavaiano	22	TR500	106.67	290.05	292.85	292.80	293.57	0.007975	3.84	33.16	28.82	0.87
t.Tavaiano	21	TR20	52.30	288.66	291.47	291.21	291.75	0.004669	2.72	33.50	30.03	0.61
t.Tavaiano	21	TR30	57.51	288.66	291.60	291.27	291.87	0.004312	2.72	37.33	30.68	0.59
t.Tavaiano	21	TR100	75.46	288.66	291.87	291.49	292.17	0.004415	2.98	45.82	32.08	0.61
t.Tavaiano	21	TR200	87.84	288.66	292.04	291.62	292.37	0.004458	3.13	51.33	32.96	0.62
t.Tavaiano	21	TR500	106.67	288.66	292.25	291.80	292.62	0.004705	3.39	58.34	34.04	0.64
t.Tavaiano	20	TR20	52.30	288.61	290.35	290.39	291.24	0.017367	4.40	15.48	18.66	1.20
t.Tavaiano	20	TR30	57.51	288.61	290.39	290.39	291.39	0.018629	4.66	16.33	19.31	1.25
t.Tavaiano	20	TR100	75.46	288.61	290.68	291.00	291.71	0.015657	4.84	24.46	30.40	1.18
t.Tavaiano	20	TR200	87.84	288.61	290.81	291.14	291.90	0.015592	5.07	28.39	32.22	1.19
t.Tavaiano	20	TR500	106.67	288.61	290.99	291.31	292.15	0.015250	5.33	34.45	34.83	1.20
t.Tavaiano	19.4	TR20	52.30	288.46	290.71	290.35	290.85	0.003568	1.63	32.19	34.00	0.53
t.Tavaiano	19.4	TR30	57.51	288.46	290.80	290.41	290.94	0.003213	1.63	35.30	35.34	0.51
t.Tavaiano	19.4	TR100	75.46	288.46	291.08	290.55	291.22	0.002534	1.68	45.99	43.44	0.47
t.Tavaiano	19.4	TR200	87.84	288.46	291.25	290.64	291.40	0.002281	1.72	53.82	48.48	0.46
t.Tavaiano	19.4	TR500	106.67	288.46	291.47	290.77	291.63	0.002045	1.79	66.15	62.50	0.44
t.Tavaiano	19.3	TR20	52.30	288.58	290.52	290.20	290.80	0.005676	2.34	22.31	19.04	0.69
t.Tavaiano	19.3	TR30	57.51	288.58	290.59	290.29	290.89	0.005863	2.43	23.63	19.54	0.71
t.Tavaiano	19.3	TR100	75.46	288.58	290.80	290.52	291.18	0.006380	2.70	27.93	21.06	0.75
t.Tavaiano	19.3	TR200	87.84	288.58	290.93	290.67	291.35	0.006722	2.87	30.61	21.96	0.78
t.Tavaiano	19.3	TR500	106.67	288.58	291.05	290.86	291.57	0.007900	3.21	33.26	22.81	0.85
t.Tavaiano	19.2		Inl Struct									
t.Tavaiano	19.1	TR20	52.30	285.73	289.14	287.68	289.26	0.001014	1.55	34.40	15.31	0.31
t.Tavaiano	19.1	TR30	57.51	285.73	289.25	287.77	289.38	0.001070	1.64	36.01	15.61	0.32
t.Tavaiano	19.1	TR100	75.46	285.73	289.57	288.05	289.76	0.001242	1.91	41.25	16.54	0.35
t.Tavaiano	19.1	TR200	87.84	285.73	289.76	288.23	289.98	0.001363	2.08	44.43	17.08	0.37
t.Tavaiano	19.1	TR500	106.67	285.73	290.02	288.48	290.30	0.001529	2.32	49.04	18.29	0.40
t.Tavaiano	19	TR20	52.30	286.85	288.90	288.53	289.21	0.004723	2.46	21.34	15.18	0.65
t.Tavaiano	19	TR30	57.51	286.85	289.00	288.60	289.33	0.004587	2.53	22.85	15.53	0.65
t.Tavaiano	19	TR100	75.46	286.85	289.31	288.85	289.70	0.004298	2.76	27.82	16.63	0.65
t.Tavaiano	19	TR200	87.84	286.85	289.48	289.00	289.92	0.004345	2.94	30.67	17.15	0.66
t.Tavaiano	19	TR500	106.67	286.85	289.71	289.22	290.23	0.004422	3.20	34.76	17.73	0.68

Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
t.Tavaiano	18	TR20	52.30	285.78	288.49	287.78	288.77	0.003543	2.34	22.37	12.29	0.55
t.Tavaiano	18	TR30	57.51	285.78	288.60	287.88	288.90	0.003624	2.42	23.76	12.56	0.56
t.Tavaiano	18	TR100	75.46	285.78	288.94	288.20	289.31	0.003896	2.68	28.15	13.36	0.59
t.Tavaiano	18	TR200	87.84	285.78	289.07	288.39	289.51	0.004481	2.94	29.87	13.65	0.63
t.Tavaiano	18	TR500	106.67	285.78	289.23	288.66	289.79	0.005324	3.32	32.24	15.92	0.70
t.Tavaiano	17.3	TR20	52.30	284.53	287.51	287.14	287.94	0.007731	2.90	18.07	11.96	0.75
t.Tavaiano	17.3	TR30	57.51	284.53	287.68	287.27	288.09	0.007004	2.85	20.92	33.15	0.72
t.Tavaiano	17.3	TR100	75.46	284.53	288.58	288.04	288.61	0.000668	1.15	176.72	217.47	0.24
t.Tavaiano	17.3	TR200	87.84	284.53	288.96	288.13	288.97	0.000201	0.70	387.90	377.80	0.14
t.Tavaiano	17.3	TR500	106.67	284.53	289.42	288.21	289.42	0.000102	0.55	560.05	379.88	0.10
t.Tavaiano	17.2	TR20	52.30	284.65	287.52	286.79	287.81	0.004286	2.41	21.74	11.71	0.56
t.Tavaiano	17.2	TR30	57.51	284.65	287.68	286.90	287.98	0.004110	2.43	23.64	12.16	0.56
t.Tavaiano	17.2	TR100	75.46	284.65	288.22	287.24	288.53	0.003456	2.46	30.69	13.67	0.52
t.Tavaiano	17.2	TR200	87.84	284.65	288.60	287.44	288.90	0.003013	2.44	36.06	14.73	0.50
t.Tavaiano	17.2	TR500	106.67	284.65	289.07	287.73	289.38	0.002704	2.46	43.28	16.03	0.48
t.Tavaiano	17.15		Bridge									
t.Tavaiano	17.1	TR20	52.30	284.65	287.33	286.79	287.69	0.005683	2.66	19.63	11.20	0.64
t.Tavaiano	17.1	TR30	57.51	284.65	287.45	286.90	287.83	0.005723	2.74	20.97	11.53	0.65
t.Tavaiano	17.1	TR100	75.46	284.65	287.81	287.24	288.26	0.005867	2.98	25.31	12.53	0.67
t.Tavaiano	17.1	TR200	87.84	284.65	288.00	287.44	288.51	0.006202	3.17	27.70	13.05	0.69
t.Tavaiano	17.1	TR500	106.67	284.65	287.03	287.73	289.19	0.039113	6.52	16.37	10.36	1.65
t.Tavaiano	16.4	TR20	52.30	284.35	286.58	286.58	287.17	0.010275	3.45	17.98	24.45	0.87
t.Tavaiano	16.4	TR30	57.51	284.35	286.70	286.70	287.28	0.009471	3.45	21.21	28.60	0.84
t.Tavaiano	16.4	TR100	75.46	284.35	286.70	287.02	287.70	0.016347	4.54	21.18	28.56	1.10
t.Tavaiano	16.4	TR200	87.84	284.35	286.79	287.19	287.94	0.017936	4.90	24.11	31.87	1.16
t.Tavaiano	16.4	TR500	106.67	284.35	286.97	287.40	288.22	0.018429	5.22	30.07	37.69	1.18
t.Tavaiano	16.3	TR20	52.30	284.35	285.44	285.87	286.83	0.048905	5.22	10.01	12.49	1.86
t.Tavaiano	16.3	TR30	57.51	284.35	285.50	285.95	286.95	0.047518	5.34	10.77	12.68	1.85
t.Tavaiano	16.3	TR100	75.46	284.35	285.71	286.22	287.30	0.042194	5.60	13.48	13.35	1.78
t.Tavaiano	16.3	TR200	87.84	284.35	285.83	286.38	287.54	0.040420	5.79	15.17	13.74	1.76
t.Tavaiano	16.3	TR500	106.67	284.35	286.03	286.59	287.83	0.036430	5.93	17.98	14.38	1.69
t.Tavaiano	16.2		Inl Struct									
t.Tavaiano	16.1	TR20	52.30	281.81	285.26	283.43	285.34	0.000661	1.25	42.01	16.32	0.25
t.Tavaiano	16.1	TR30	57.51	281.81	285.37	283.51	285.46	0.000713	1.31	43.76	16.53	0.26
t.Tavaiano	16.1	TR100	75.46	281.81	285.70	283.77	285.82	0.000879	1.53	49.36	17.20	0.29
t.Tavaiano	16.1	TR200	87.84	281.81	285.90	283.94	286.04	0.000984	1.66	52.88	17.61	0.31
t.Tavaiano	16.1	TR500	106.67	281.81	286.18	284.17	286.35	0.001127	1.84	57.94	21.39	0.33
t.Tavaiano	16	TR20	52.30	283.01	284.73	284.68	285.26	0.011048	3.23	16.21	13.61	0.94
t.Tavaiano	16	TR30	57.51	283.01	284.81	284.76	285.37	0.011021	3.31	17.35	13.93	0.95
t.Tavaiano	16	TR100	75.46	283.01	285.07	285.03	285.72	0.010991	3.58	21.05	14.91	0.96
t.Tavaiano	16	TR200	87.84	283.01	285.23	285.19	285.94	0.010852	3.73	23.57	15.54	0.97
t.Tavaiano	16	TR500	106.67	283.01	285.46	285.43	286.24	0.010574	3.93	27.23	17.67	0.97
t.Tavaiano	15	TR20	52.30	281.43	283.28	283.28	283.91	0.012559	3.49	14.97	12.18	1.01
t.Tavaiano	15	TR30	57.51	281.43	283.38	283.38	284.03	0.012214	3.56	16.13	12.43	1.00
t.Tavaiano	15	TR100	75.46	281.43	283.66	283.66	284.41	0.011808	3.83	19.70	13.15	1.00
t.Tavaiano	15	TR200	87.84	281.43	283.83	283.83	284.64	0.011551	3.98	22.06	13.62	1.00
t.Tavaiano	15	TR500	106.67	281.43	284.08	284.08	284.97	0.011290	4.18	25.50	14.26	1.00
t.Tavaiano	14	TR20	52.30	280.37	282.03	282.24	282.84	0.018492	4.04	14.45	18.32	1.21
t.Tavaiano	14	TR30	57.51	280.37	282.08	282.32	282.96	0.018951	4.20	15.52	18.54	1.23
t.Tavaiano	14	TR100	75.46	280.37	282.27	282.56	283.32	0.019994	4.65	19.02	19.25	1.29
t.Tavaiano	14	TR200	87.84	280.37	282.39	282.70	283.54	0.020404	4.90	21.31	19.70	1.32
t.Tavaiano	14	TR500	106.67	280.37	282.55	282.91	283.85	0.021022	5.25	24.54	20.32	1.35
t.Tavaiano	13.4	TR20	52.30	278.84	280.61	280.71	281.23	0.012798	3.54	17.04	23.26	1.03
t.Tavaiano	13.4	TR30	57.51	278.84	280.68	280.80	281.33	0.012650	3.63	18.80	25.12	1.03
t.Tavaiano	13.4	TR100	75.46	278.84	280.89	281.04	281.64	0.012680	3.95	24.63	30.46	1.05
t.Tavaiano	13.4	TR200	87.84	278.84	281.04	281.20	281.81	0.012237	4.09	29.25	34.67	1.05
t.Tavaiano	13.4	TR500	106.67	278.84	281.20	281.49	282.06	0.012148	4.36	35.62	42.38	1.06
t.Tavaiano	13.3	TR20	52.30	278.18	280.83	279.83	280.93	0.001572	1.41	37.23	35.91	0.37
t.Tavaiano	13.3	TR30	57.51	278.18	280.90	279.90	281.01	0.001676	1.48	38.96	42.10	0.39
t.Tavaiano	13.3	TR100	75.46	278.18	281.07	280.13	281.22	0.002039	1.72	46.30	52.16	0.43
t.Tavaiano	13.3	TR200	87.84	278.18	281.16	280.36	281.34	0.002289	1.89	51.03	56.42	0.46
t.Tavaiano	13.3	TR500	106.67	278.18	281.26	280.55	281.49	0.002714	2.14	57.22	61.46	0.51
t.Tavaiano	13.2		Inl Struct									
t.Tavaiano	13.1	TR20	52.30	276.27	278.74	277.50	278.85	0.001175	1.48	35.26	16.43	0.32
t.Tavaiano	13.1	TR30	57.51	276.27	278.82	277.58	278.95	0.001273	1.57	36.58	16.53	0.34
t.Tavaiano	13.1	TR100	75.46	276.27	279.07	277.82	279.25	0.001598	1.85	40.73	16.89	0.38
t.Tavaiano	13.1	TR200	87.84	276.27	279.22	277.96	279.43	0.001811	2.03	43.30	17.11	0.41
t.Tavaiano	13.1	TR500	106.67	276.27	279.43	278.18	279.69	0.002126	2.28	46.83	17.40	0.44

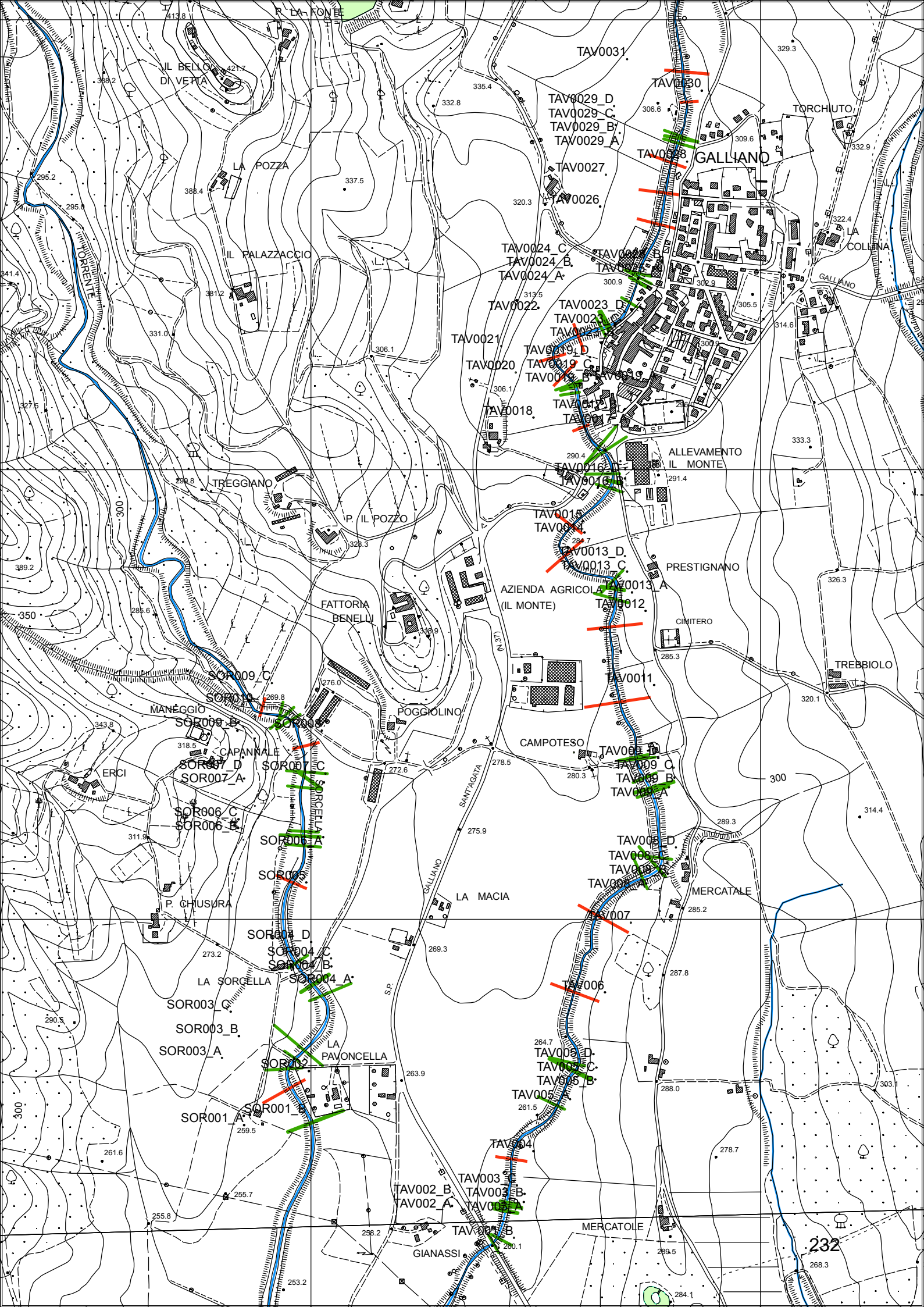
Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
t.Tavaiano	13	TR20	52.30	276.07	278.19	277.98	278.55	0.007929	2.63	19.89	16.81	0.77
t.Tavaiano	13	TR30	57.51	276.07	278.27	278.05	278.65	0.008087	2.71	21.23	17.45	0.78
t.Tavaiano	13	TR100	75.46	276.07	278.52	278.30	278.95	0.008518	2.91	25.91	20.11	0.82
t.Tavaiano	13	TR200	87.84	276.07	278.68	278.47	279.14	0.008469	3.00	29.31	21.86	0.83
t.Tavaiano	13	TR500	106.67	276.07	278.93	278.69	279.40	0.007990	3.05	34.96	24.47	0.81
t.Tavaiano	12	TR20	52.30	275.44	277.55	277.48	278.01	0.007897	3.20	22.60	26.40	0.81
t.Tavaiano	12	TR30	57.51	275.44	277.62	277.56	278.11	0.008013	3.32	24.56	28.53	0.82
t.Tavaiano	12	TR100	75.46	275.44	277.86	277.82	278.42	0.007935	3.61	31.61	29.93	0.84
t.Tavaiano	12	TR200	87.84	275.44	278.01	277.96	278.60	0.007843	3.78	36.21	30.81	0.84
t.Tavaiano	12	TR500	106.67	275.44	278.21	278.16	278.87	0.007869	4.03	42.54	31.99	0.86
t.Tavaiano	11	TR20	52.30	273.82	276.09	275.76	276.38	0.004076	2.58	29.42	25.99	0.61
t.Tavaiano	11	TR30	57.51	273.82	276.20	275.83	276.49	0.003963	2.63	32.15	26.68	0.60
t.Tavaiano	11	TR100	75.46	273.82	276.49	276.06	276.83	0.003883	2.87	40.38	28.67	0.61
t.Tavaiano	11	TR200	87.84	273.82	276.66	276.21	277.04	0.003988	3.05	45.41	31.57	0.63
t.Tavaiano	11	TR500	106.67	273.82	276.87	276.42	277.31	0.004244	3.33	52.38	35.37	0.66
t.Tavaiano	10.3	TR20	52.30	272.24	275.05	274.67	275.40	0.006419	3.11	26.59	19.06	0.64
t.Tavaiano	10.3	TR30	57.51	272.24	275.14	274.75	275.52	0.006541	3.23	28.51	19.87	0.65
t.Tavaiano	10.3	TR100	75.46	272.24	275.41	275.05	275.88	0.007309	3.66	34.11	22.07	0.70
t.Tavaiano	10.3	TR200	87.84	272.24	275.51	275.23	276.08	0.008536	4.04	36.30	22.87	0.76
t.Tavaiano	10.3	TR500	106.67	272.24	275.59	275.49	276.35	0.011196	4.72	38.18	24.08	0.88
t.Tavaiano	10.1	TR20	52.30	272.28	275.09	274.64	275.36	0.004283	2.31	22.91	20.24	0.60
t.Tavaiano	10.1	TR30	57.51	272.28	275.19	274.72	275.48	0.004115	2.37	25.13	22.32	0.60
t.Tavaiano	10.1	TR100	75.46	272.28	275.49	274.95	275.83	0.003921	2.59	32.63	27.08	0.60
t.Tavaiano	10.1	TR200	87.84	272.28	275.62	275.13	276.01	0.004227	2.81	36.17	29.86	0.63
t.Tavaiano	10.1	TR500	106.67	272.28	275.76	275.38	276.25	0.004850	3.15	40.94	35.36	0.68
t.Tavaiano	10.05		Bridge									
t.Tavaiano	10	TR20	52.30	272.28	274.40	274.64	275.30	0.028805	4.18	12.51	14.41	1.43
t.Tavaiano	10	TR30	57.51	272.28	274.46	274.72	275.41	0.028358	4.31	13.33	14.46	1.43
t.Tavaiano	10	TR100	75.46	272.28	274.68	274.95	275.74	0.024524	4.57	16.52	14.67	1.37
t.Tavaiano	10	TR200	87.84	272.28	274.86	275.13	275.93	0.020724	4.59	19.15	14.84	1.29
t.Tavaiano	10	TR500	106.67	272.28	275.60	275.38	276.19	0.006396	3.43	35.75	29.44	0.77
t.Tavaiano	9.4	TR20	52.30	271.99	273.89	274.09	274.69	0.016816	4.39	18.54	21.60	1.14
t.Tavaiano	9.4	TR30	57.51	271.99	273.95	274.17	274.80	0.016992	4.53	19.93	21.75	1.16
t.Tavaiano	9.4	TR100	75.46	271.99	274.16	274.40	275.13	0.017149	4.96	24.57	22.22	1.19
t.Tavaiano	9.4	TR200	87.84	271.99	274.30	274.55	275.33	0.017030	5.19	27.65	22.53	1.20
t.Tavaiano	9.4	TR500	106.67	271.99	274.56	274.77	275.59	0.014901	5.28	33.56	23.11	1.14
t.Tavaiano	9.3	TR20	52.30	271.91	273.63	273.16	273.82	0.003487	1.92	27.24	21.91	0.55
t.Tavaiano	9.3	TR30	57.51	271.91	273.70	273.23	273.91	0.003561	1.99	28.83	22.32	0.56
t.Tavaiano	9.3	TR100	75.46	271.91	273.92	273.43	274.17	0.003802	2.24	33.77	23.80	0.59
t.Tavaiano	9.3	TR200	87.84	271.91	273.13	273.56	274.50	0.040081	5.18	16.95	19.33	1.77
t.Tavaiano	9.3	TR500	106.67	271.91	273.25	273.74	274.81	0.040139	5.53	19.29	19.95	1.79
t.Tavaiano	9.2		Inl Struct									
t.Tavaiano	9.1	TR20	52.30	269.69	273.48	271.43	273.53	0.000395	0.97	54.00	22.48	0.20
t.Tavaiano	9.1	TR30	57.51	269.69	273.57	271.51	273.62	0.000432	1.03	56.02	22.82	0.21
t.Tavaiano	9.1	TR100	75.46	269.69	273.85	271.76	273.92	0.000552	1.21	62.43	23.87	0.24
t.Tavaiano	9.1	TR200	87.84	269.69	274.01	271.92	274.10	0.000631	1.32	66.41	24.50	0.26
t.Tavaiano	9.1	TR500	106.67	269.69	274.23	272.14	274.34	0.000747	1.48	71.96	25.35	0.28
t.Tavaiano	9	TR20	52.30	271.15	272.99	272.98	273.46	0.012125	3.04	17.23	17.78	0.98
t.Tavaiano	9	TR30	57.51	271.15	273.06	273.06	273.56	0.012099	3.11	18.50	18.40	0.99
t.Tavaiano	9	TR100	75.46	271.15	273.28	273.28	273.84	0.011912	3.31	22.78	20.34	1.00
t.Tavaiano	9	TR200	87.84	271.15	273.42	273.42	274.02	0.011735	3.42	25.65	21.54	1.00
t.Tavaiano	9	TR500	106.67	271.15	273.62	273.62	274.26	0.011292	3.56	30.01	23.14	1.00
t.Tavaiano	8.4	TR20	52.30	269.43	271.16	271.18	271.66	0.012134	3.16	18.20	23.28	0.97
t.Tavaiano	8.4	TR30	57.51	269.43	271.22	271.25	271.75	0.011963	3.26	19.71	23.94	0.97
t.Tavaiano	8.4	TR100	75.46	269.43	271.43	271.46	272.04	0.011473	3.56	24.80	26.07	0.98
t.Tavaiano	8.4	TR200	87.84	269.43	271.54	271.60	272.23	0.011475	3.77	27.96	27.30	0.99
t.Tavaiano	8.4	TR500	106.67	269.43	271.72	271.79	272.49	0.011150	4.01	32.99	29.16	1.00
t.Tavaiano	8.3	TR20	52.30	269.41	271.09	270.64	271.28	0.003797	1.95	26.80	21.93	0.56
t.Tavaiano	8.3	TR30	57.51	269.41	271.15	270.70	271.36	0.003912	2.03	28.33	22.30	0.57
t.Tavaiano	8.3	TR100	75.46	269.41	271.33	270.91	271.61	0.004591	2.33	32.37	23.26	0.63
t.Tavaiano	8.3	TR200	87.84	269.41	271.35	271.03	271.72	0.005936	2.67	32.90	23.38	0.72
t.Tavaiano	8.3	TR500	106.67	269.41	270.94	271.22	271.98	0.022859	4.52	23.60	21.13	1.37
t.Tavaiano	8.2		Inl Struct									
t.Tavaiano	8.1	TR20	52.30	265.99	269.22	267.43	269.27	0.000481	1.04	50.05	21.59	0.22
t.Tavaiano	8.1	TR30	57.51	265.99	269.29	267.51	269.36	0.000529	1.11	51.73	21.85	0.23
t.Tavaiano	8.1	TR100	75.46	265.99	269.53	267.74	269.62	0.000691	1.32	57.04	22.57	0.27
t.Tavaiano	8.1	TR200	87.84	265.99	269.68	267.88	269.79	0.000797	1.45	60.42	23.03	0.29

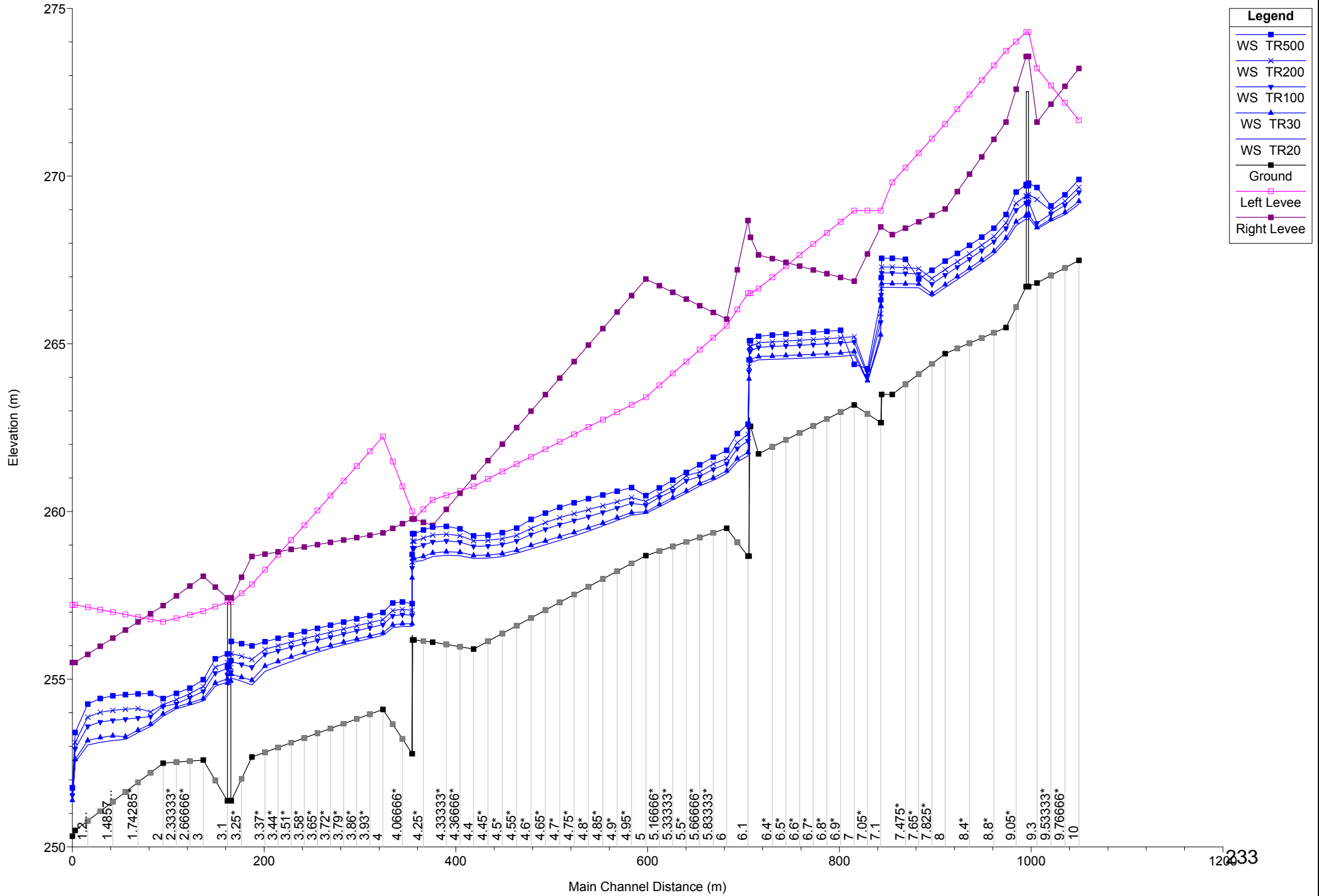
Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
t.Tavaiano	8.1	TR500	106.67	265.99	269.89	268.09	270.02	0.000950	1.64	65.17	23.66	0.31
t.Tavaiano	8	TR20	52.30	266.74	268.78	268.76	269.16	0.012056	2.73	19.17	22.90	0.95
t.Tavaiano	8	TR30	57.51	266.74	268.84	268.81	269.24	0.011968	2.82	20.41	23.10	0.96
t.Tavaiano	8	TR100	75.46	266.74	269.02	268.99	269.50	0.011524	3.07	24.61	23.77	0.96
t.Tavaiano	8	TR200	87.84	266.74	269.13	269.10	269.66	0.011470	3.23	27.20	24.17	0.97
t.Tavaiano	8	TR500	106.67	266.74	269.30	269.27	269.88	0.011199	3.38	31.52	25.63	0.97
t.Tavaiano	7	TR20	52.30	265.30	267.03	267.00	267.41	0.011728	2.72	19.22	22.61	0.94
t.Tavaiano	7	TR30	57.51	265.30	267.09	267.06	267.49	0.011543	2.79	20.62	23.11	0.94
t.Tavaiano	7	TR100	75.46	265.30	267.19	267.24	267.74	0.014607	3.29	22.92	23.90	1.07
t.Tavaiano	7	TR200	87.84	265.30	267.30	267.36	267.90	0.014429	3.44	25.57	24.78	1.08
t.Tavaiano	7	TR500	106.67	265.30	267.45	267.53	268.12	0.014331	3.64	29.34	25.98	1.09
t.Tavaiano	6	TR20	52.30	262.60	264.99	264.99	265.58	0.012610	3.41	15.34	12.95	1.00
t.Tavaiano	6	TR30	57.51	262.60	265.11	265.11	265.69	0.011477	3.38	17.43	23.46	0.96
t.Tavaiano	6	TR100	75.46	262.60	265.42	265.42	266.01	0.009379	3.45	25.63	30.51	0.90
t.Tavaiano	6	TR200	87.84	262.60	265.54	265.58	266.19	0.009502	3.64	29.76	33.23	0.91
t.Tavaiano	6	TR500	106.67	262.60	265.74	265.77	266.44	0.009301	3.83	36.77	39.21	0.91
t.Tavaiano	5.4	TR20	52.30	261.68	262.85	262.94	263.20	0.018127	3.04	31.39	77.10	1.14
t.Tavaiano	5.4	TR30	57.51	261.68	262.89	262.98	263.24	0.018179	3.10	34.08	78.52	1.15
t.Tavaiano	5.4	TR100	75.46	261.68	263.11	263.11	263.32	0.011765	2.56	52.42	87.54	0.93
t.Tavaiano	5.4	TR200	87.84	261.68	263.15	263.12	263.40	0.013302	2.79	55.85	88.26	1.00
t.Tavaiano	5.4	TR500	106.67	261.68	263.22	263.20	263.51	0.014458	3.04	62.19	89.97	1.05
t.Tavaiano	5.3	TR20	52.30	261.56	262.58	262.66	262.92	0.019523	3.24	32.24	69.61	1.20
t.Tavaiano	5.3	TR30	57.51	261.56	262.69	262.70	262.94	0.013808	2.89	39.77	73.14	1.02
t.Tavaiano	5.3	TR100	75.46	261.56	262.79	262.81	263.08	0.015153	3.18	47.20	76.09	1.08
t.Tavaiano	5.3	TR200	87.84	261.56	262.85	262.87	263.17	0.015614	3.33	52.24	77.75	1.10
t.Tavaiano	5.3	TR500	106.67	261.56	262.95	262.98	263.29	0.015805	3.50	59.97	80.15	1.12
t.Tavaiano	5.2		Inl Struct									
t.Tavaiano	5.1	TR20	52.30	257.70	261.28	259.41	261.35	0.000558	1.16	44.91	17.28	0.23
t.Tavaiano	5.1	TR30	57.51	257.70	261.42	259.49	261.50	0.000579	1.21	47.38	17.54	0.24
t.Tavaiano	5.1	TR100	75.46	257.70	261.85	259.73	261.94	0.000655	1.37	54.96	18.31	0.25
t.Tavaiano	5.1	TR200	87.84	257.70	261.99	259.90	262.11	0.000777	1.52	57.60	18.57	0.28
t.Tavaiano	5.1	TR500	106.67	257.70	262.24	260.11	262.39	0.000921	1.71	62.27	19.02	0.30
t.Tavaiano	5	TR20	52.30	258.32	260.44	260.34	261.10	0.011327	3.60	14.53	9.43	0.93
t.Tavaiano	5	TR30	57.51	258.32	260.54	260.46	261.24	0.011679	3.71	15.48	9.81	0.94
t.Tavaiano	5	TR100	75.46	258.32	260.90	260.90	261.67	0.011524	3.91	20.06	21.23	0.95
t.Tavaiano	5	TR200	87.84	258.32	261.41	261.41	261.86	0.005884	3.12	44.48	72.47	0.70
t.Tavaiano	5	TR500	106.67	258.32	261.58	261.58	262.04	0.005772	3.24	58.15	79.59	0.70
t.Tavaiano	4	TR20	52.30	256.67	259.01	258.64	259.32	0.004763	2.45	22.28	21.57	0.64
t.Tavaiano	4	TR30	57.51	256.67	259.09	258.71	259.42	0.004872	2.56	24.02	24.39	0.65
t.Tavaiano	4	TR100	75.46	256.67	259.32	258.96	259.73	0.005153	2.88	30.33	30.87	0.69
t.Tavaiano	4	TR200	87.84	256.67	259.44	259.16	259.91	0.005402	3.09	34.52	34.51	0.71
t.Tavaiano	4	TR500	106.67	256.67	259.62	259.41	260.17	0.005717	3.37	41.00	39.48	0.74
t.Tavaiano	3.2	TR20	52.30	256.28	258.04	258.24	258.71	0.016334	3.73	18.90	40.29	1.12
t.Tavaiano	3.2	TR30	57.51	256.28	258.09	258.31	258.79	0.016407	3.85	20.96	41.14	1.13
t.Tavaiano	3.2	TR100	75.46	256.28	258.25	258.51	259.04	0.016485	4.20	27.99	46.85	1.16
t.Tavaiano	3.2	TR200	87.84	256.28	258.34	258.62	259.19	0.016808	4.42	32.31	49.67	1.18
t.Tavaiano	3.2	TR500	106.67	256.28	258.48	258.73	259.39	0.016763	4.69	39.26	55.01	1.20
t.Tavaiano	3.1		Inl Struct									
t.Tavaiano	3	TR20	52.30	255.74	258.02	257.60	258.35	0.004477	2.63	26.60	40.90	0.63
t.Tavaiano	3	TR30	57.51	255.74	258.02	257.77	258.43	0.005356	2.89	26.79	41.22	0.68
t.Tavaiano	3	TR100	75.46	255.74	258.11	258.11	258.70	0.007520	3.53	30.75	47.63	0.82
t.Tavaiano	3	TR200	87.84	255.74	258.36	258.36	258.86	0.005909	3.39	43.50	56.47	0.74
t.Tavaiano	3	TR500	106.67	255.74	258.53	258.53	259.07	0.005946	3.59	54.04	62.33	0.75
t.Tavaiano	2.2	TR20	52.30	255.46	257.97	257.97	258.23	0.015496	2.30	22.78	42.13	1.00
t.Tavaiano	2.2	TR30	57.51	255.46	258.00	258.00	258.29	0.015437	2.35	24.45	43.52	1.00
t.Tavaiano	2.2	TR100	75.46	255.46	258.13	258.13	258.45	0.013321	2.48	32.01	64.69	0.96
t.Tavaiano	2.2	TR200	87.84	255.46	258.21	258.21	258.54	0.012513	2.58	37.11	75.57	0.95
t.Tavaiano	2.2	TR500	106.67	255.46	258.44	258.33	258.70	0.006907	2.29	57.81	97.55	0.74
t.Tavaiano	2.1		Inl Struct									
t.Tavaiano	2	TR20	52.30	254.77	257.18	256.61	257.57	0.005213	2.77	18.85	9.83	0.64
t.Tavaiano	2	TR30	57.51	254.77	257.27	256.72	257.70	0.005527	2.91	19.76	9.98	0.66
t.Tavaiano	2	TR100	75.46	254.77	257.55	257.06	258.12	0.006687	3.33	22.67	10.78	0.73
t.Tavaiano	2	TR200	87.84	254.77	257.67	257.29	258.35	0.007838	3.66	24.49	21.16	0.80
t.Tavaiano	2	TR500	106.67	254.77	257.93	257.71	258.69	0.007625	3.88	32.50	38.19	0.80
t.Tavaiano	1.2	TR20	52.30	254.46	256.91	256.41	257.17	0.006589	2.23	23.51	23.72	0.71
t.Tavaiano	1.2	TR30	57.51	254.46	257.08	256.52	257.30	0.005683	2.08	27.65	27.78	0.67
t.Tavaiano	1.2	TR100	75.46	254.46	257.58	256.95	257.71	0.002471	1.66	54.08	70.92	0.46

Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
t.Tavaiano	1.2	TR200	87.84	254.46	257.81	257.09	257.93	0.001802	1.58	70.70	71.54	0.41
t.Tavaiano	1.2	TR500	106.67	254.46	258.20	257.27	258.29	0.001137	1.46	98.53	72.45	0.33
t.Tavaiano	1	TR20	52.30	254.21	256.57	256.23	257.04	0.004971	3.28	23.09	15.81	0.71
t.Tavaiano	1	TR30	57.51	254.21	256.68	256.34	257.18	0.004986	3.40	24.89	16.28	0.71
t.Tavaiano	1	TR100	75.46	254.21	257.30	256.67	257.65	0.002883	3.03	48.58	34.81	0.56
t.Tavaiano	1	TR200	87.84	254.21	257.53	257.08	257.88	0.002757	3.11	56.44	35.55	0.56
t.Tavaiano	1	TR500	106.67	254.21	257.92	257.28	258.25	0.002346	3.11	70.74	36.87	0.53
t.Tavaiano	0.95	Bridge										
t.Tavaiano	0.9	TR20	52.30	254.21	256.30	256.23	256.96	0.008008	3.83	19.08	14.72	0.88
t.Tavaiano	0.9	TR30	57.51	254.21	256.41	256.34	257.10	0.008006	3.96	20.59	15.14	0.89
t.Tavaiano	0.9	TR100	75.46	254.21	256.72	256.67	257.54	0.008013	4.36	25.61	16.56	0.91
t.Tavaiano	0.9	TR200	87.84	254.21	256.91	256.89	257.79	0.008013	4.59	32.15	24.79	0.92
t.Tavaiano	0.9	TR500	106.67	254.21	257.11	256.89	258.02	0.008004	4.83	41.88	34.16	0.93

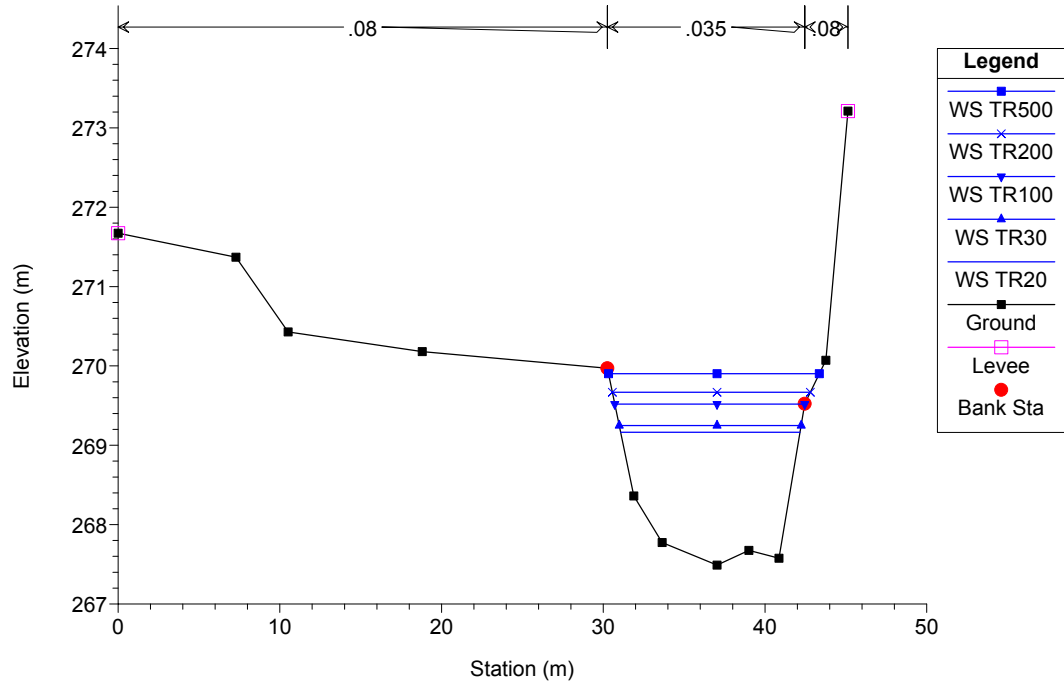


# TORRENTE SORCELLA

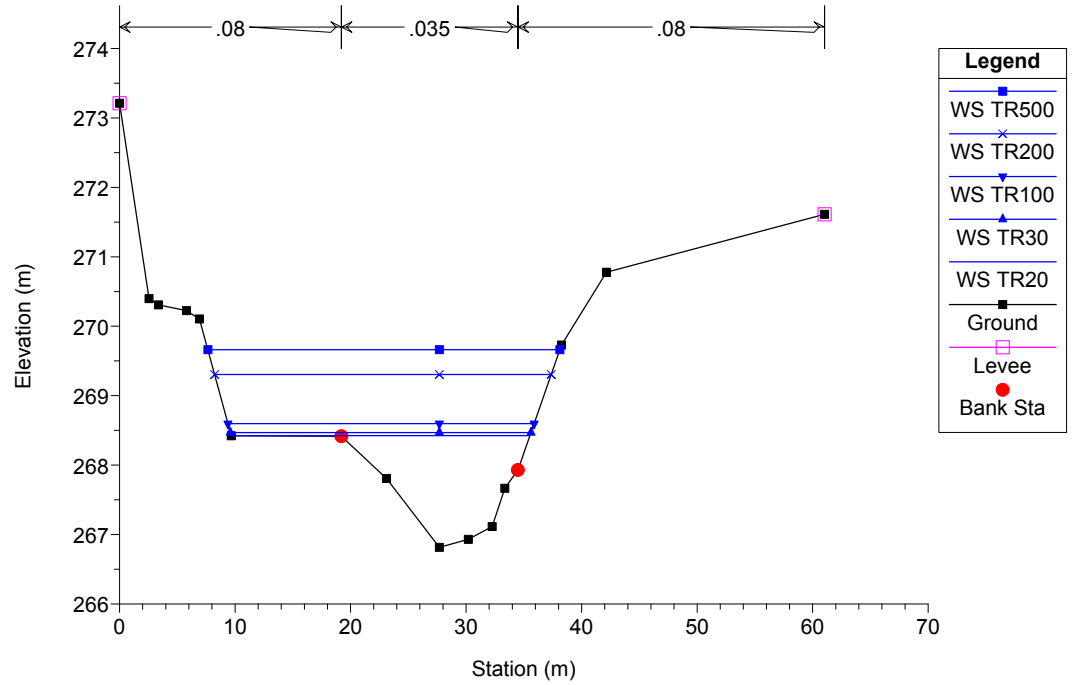




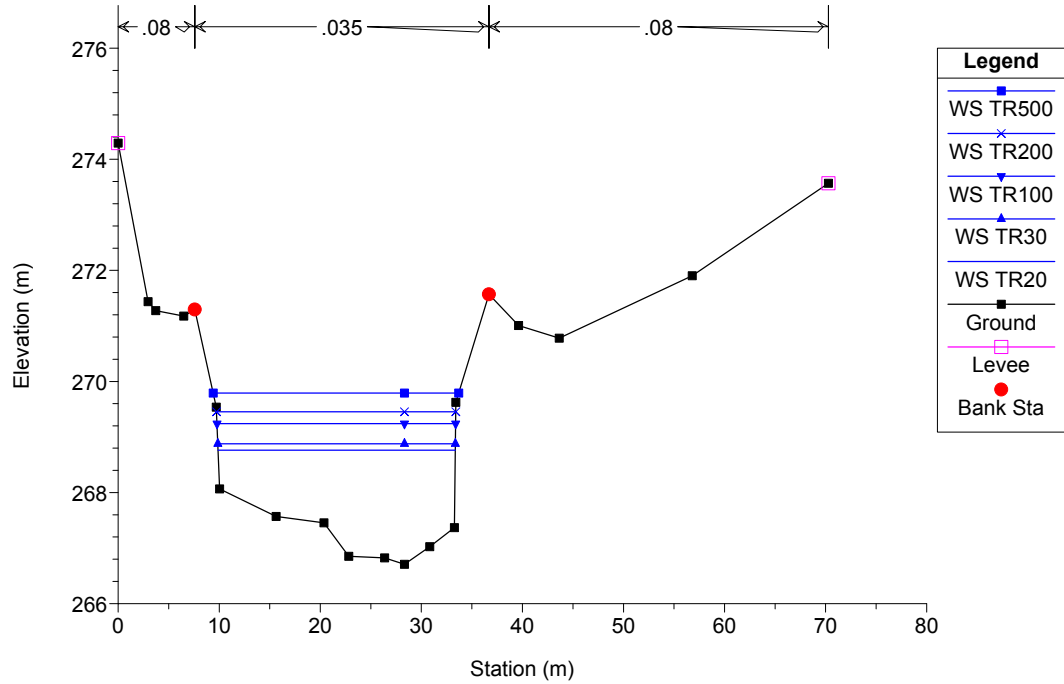
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SOR010



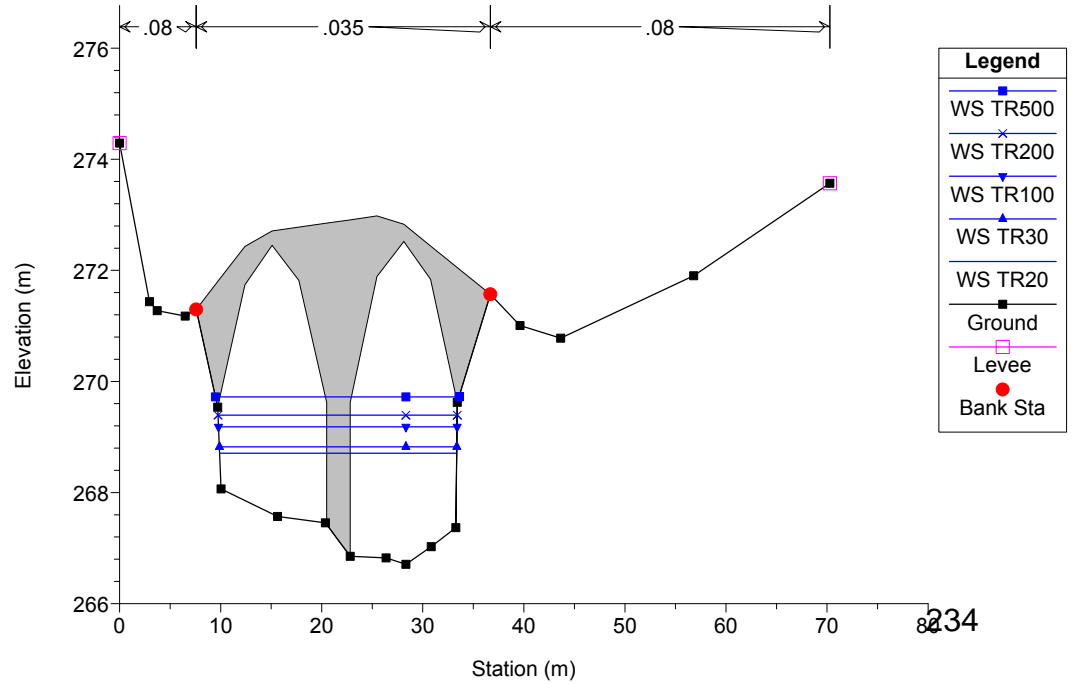
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SOR09C



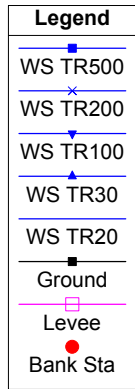
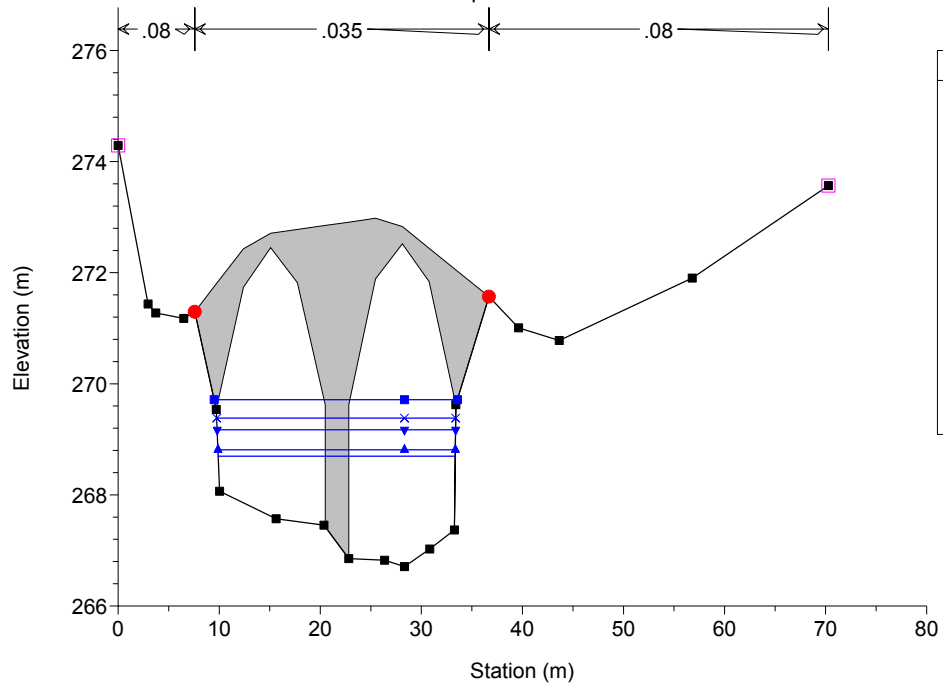
sorcella Plan: sorcella1 3/25/2011  
SOR09B monte ponte



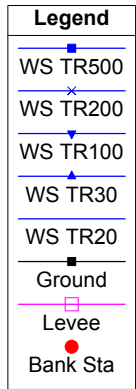
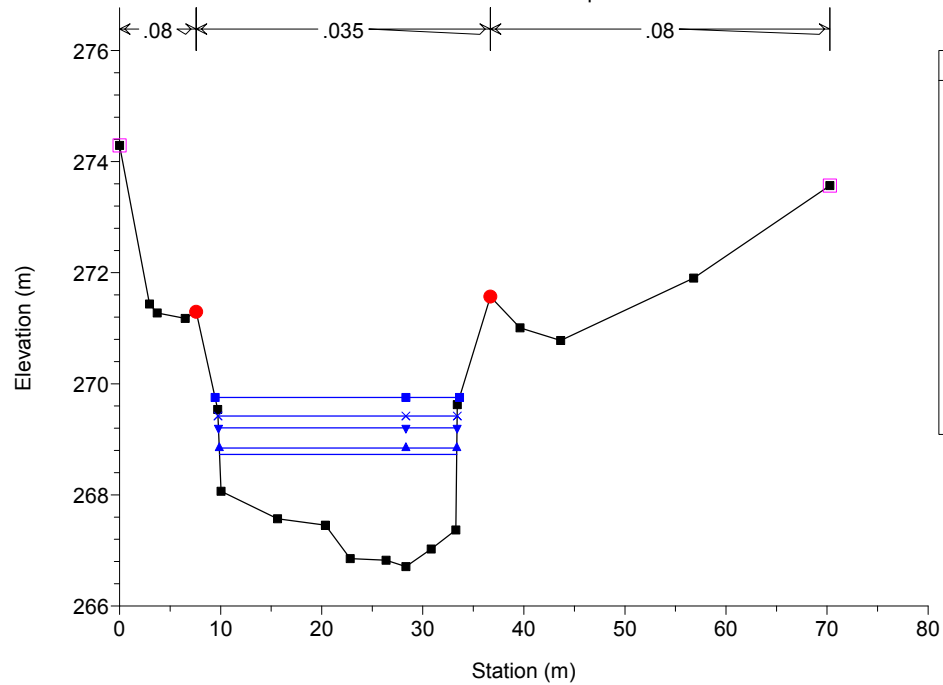
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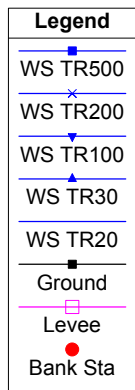
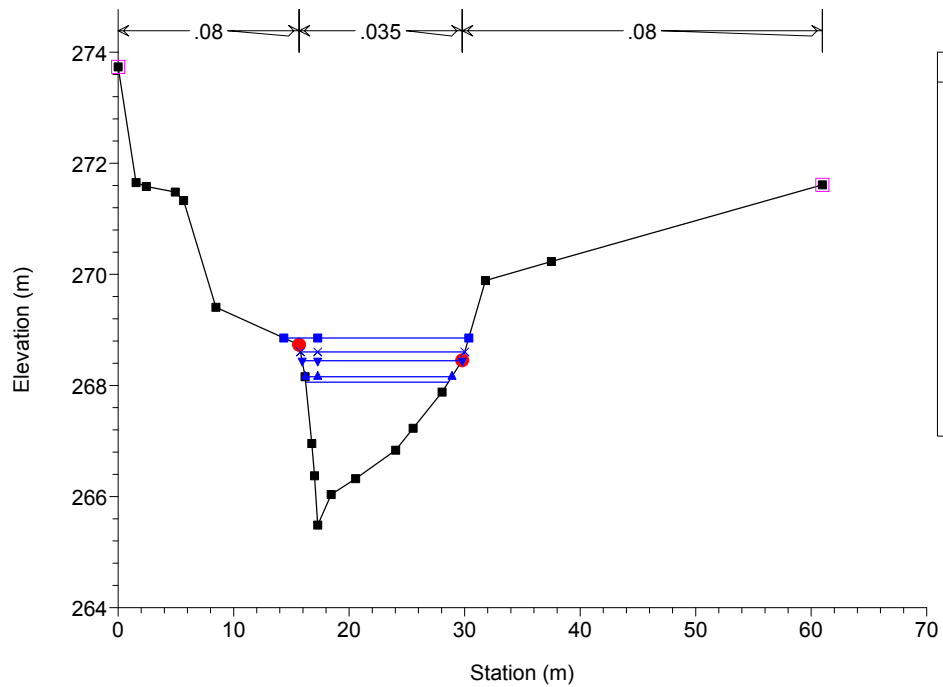
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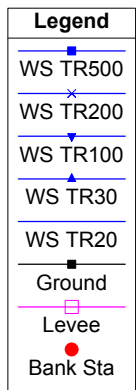
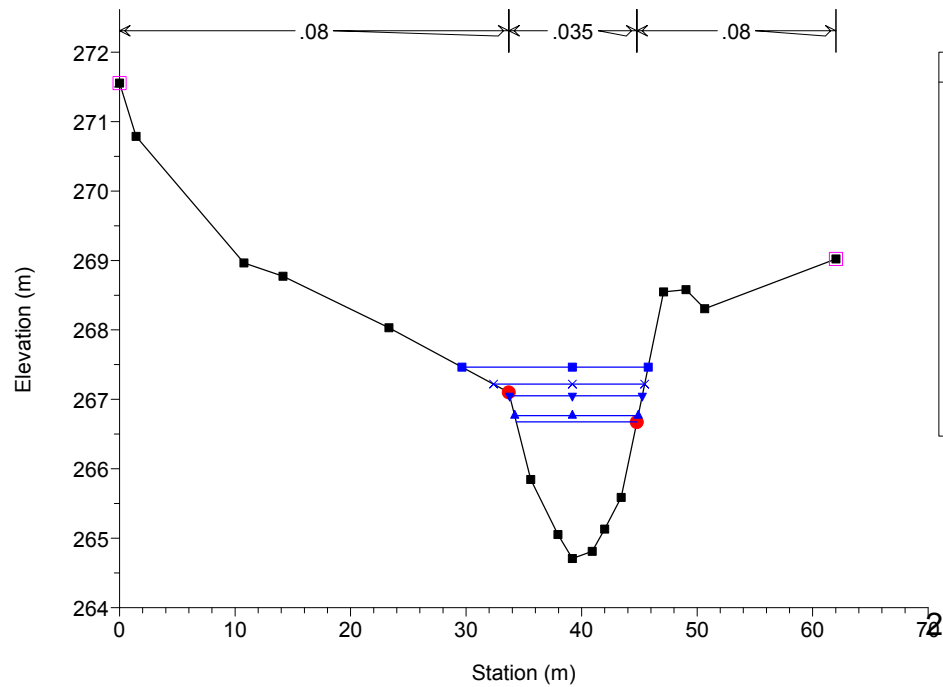
sorcella Plan: sorcella1 3/25/2011  
 SOR09B valle ponte



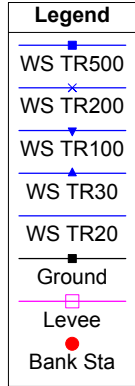
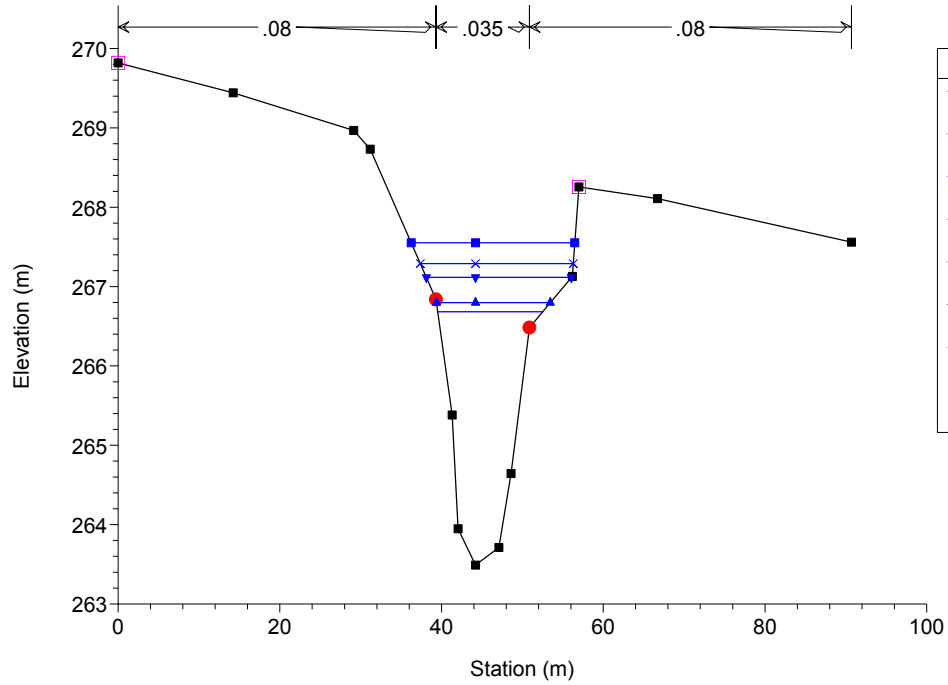
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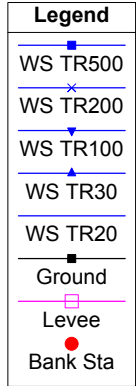
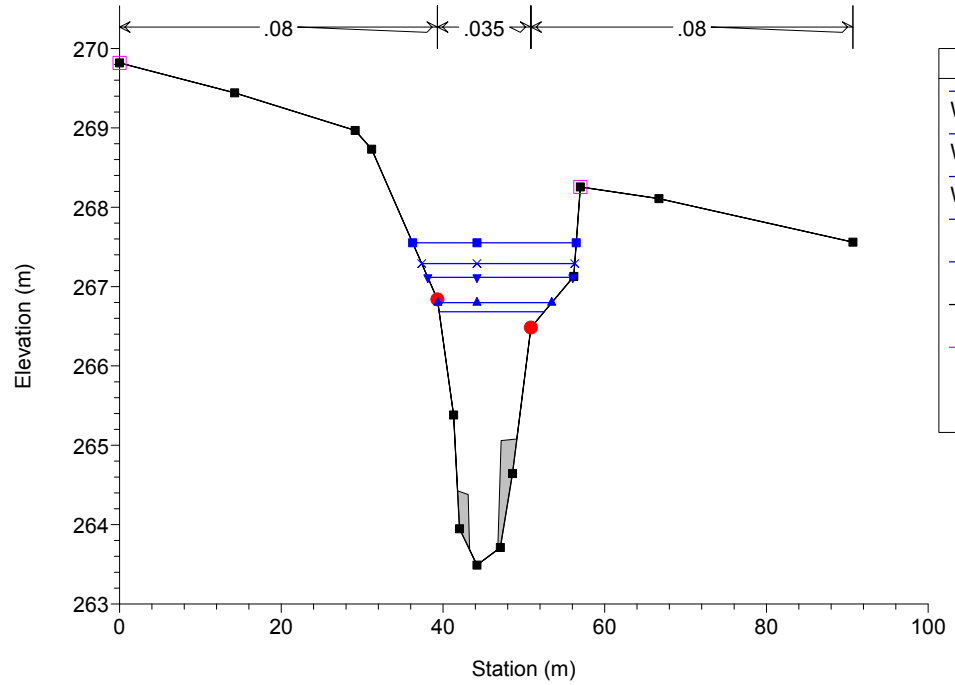
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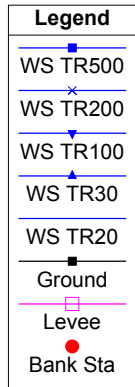
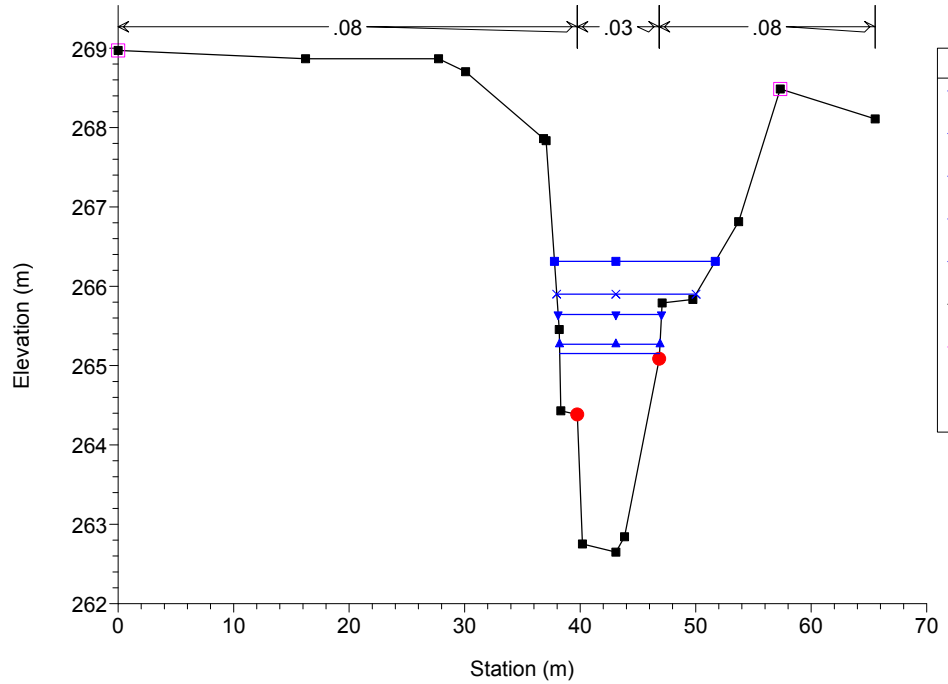
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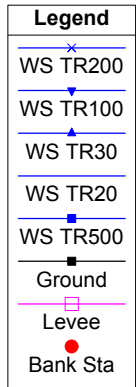
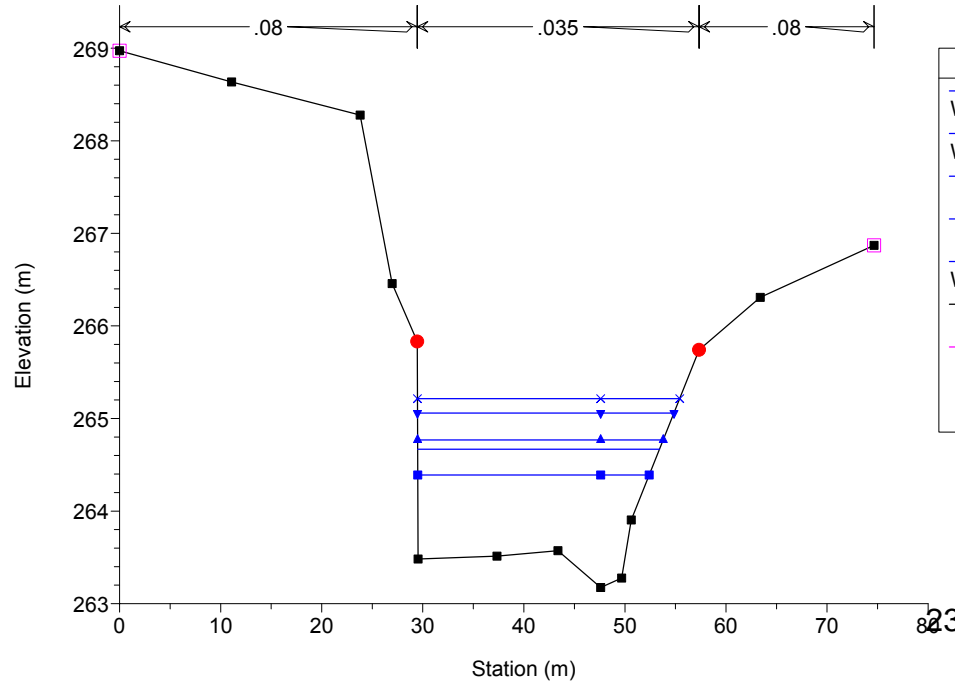
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SOR07C



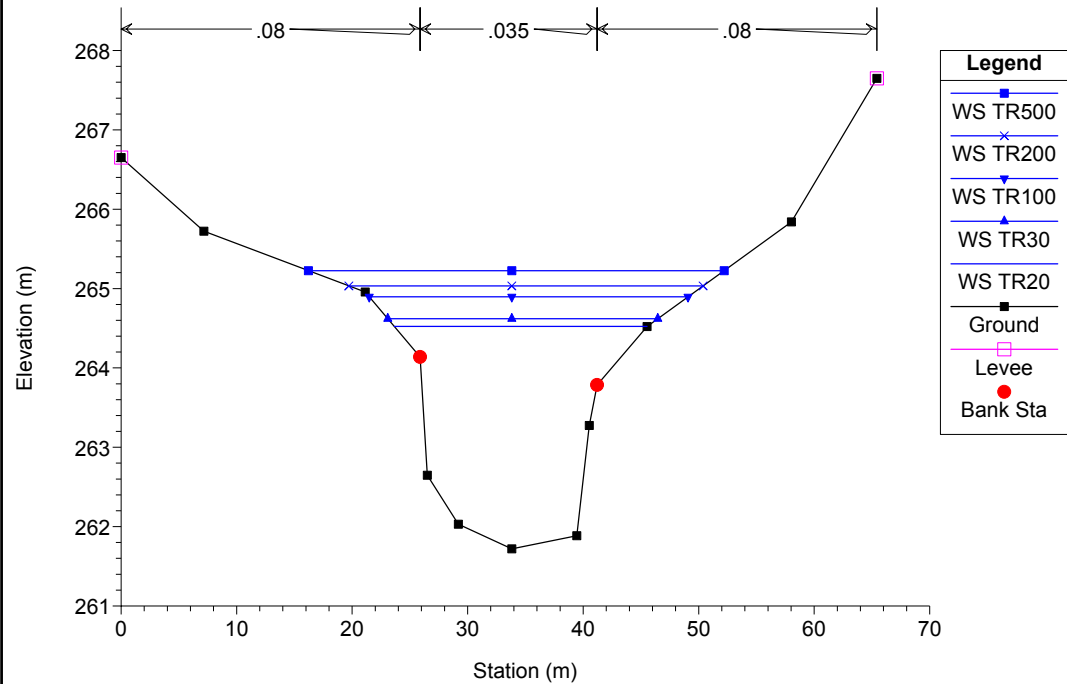
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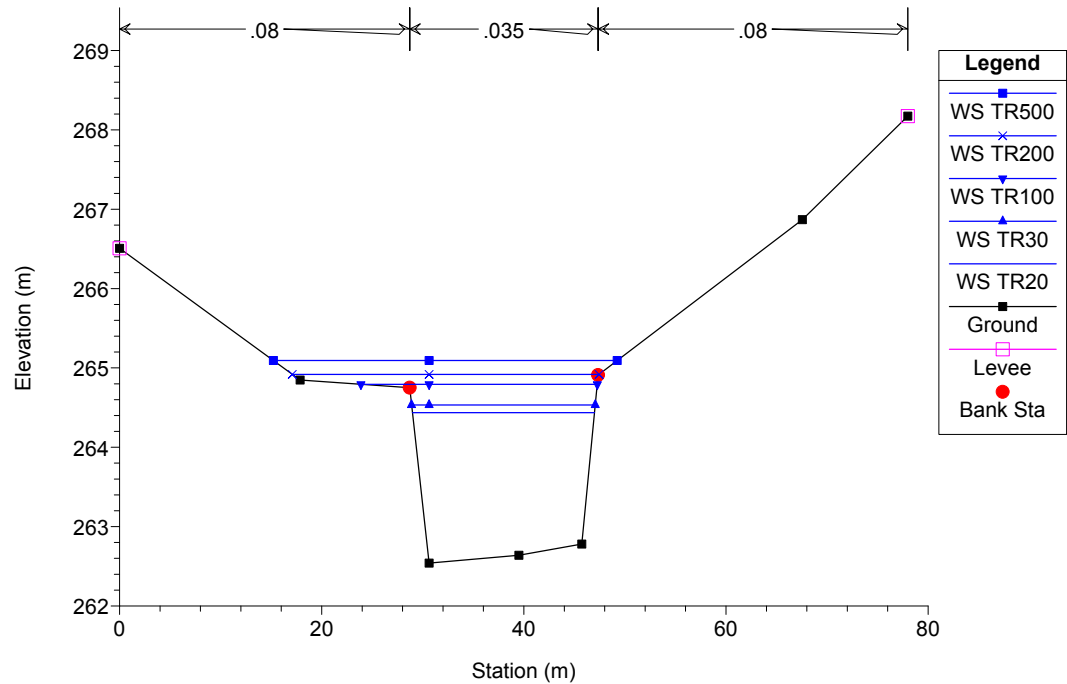
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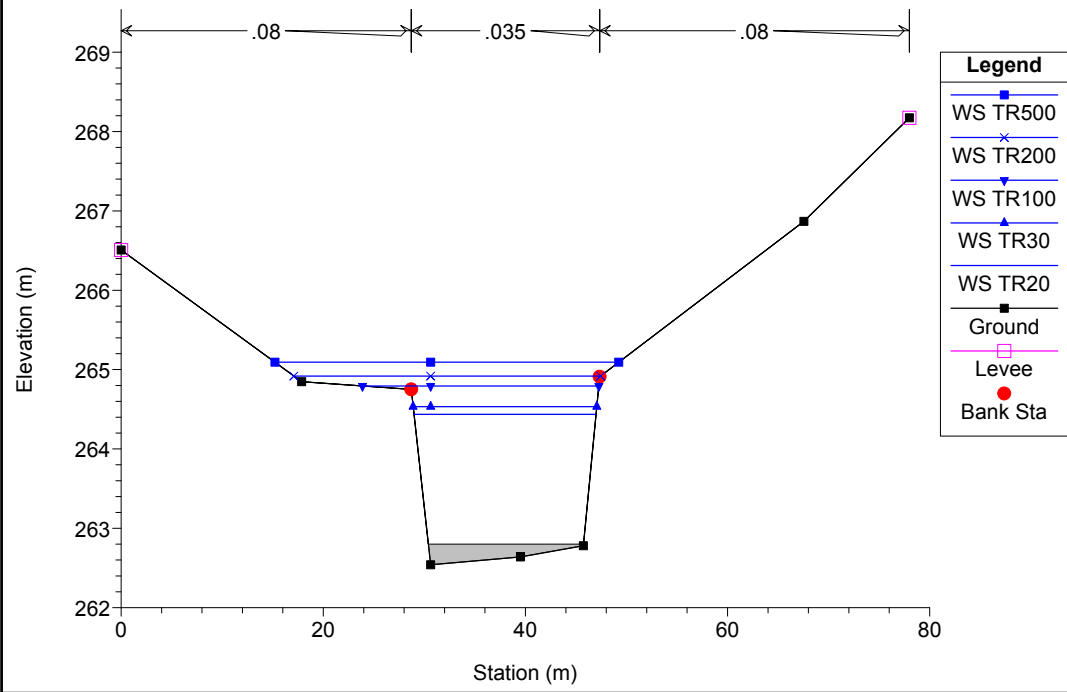
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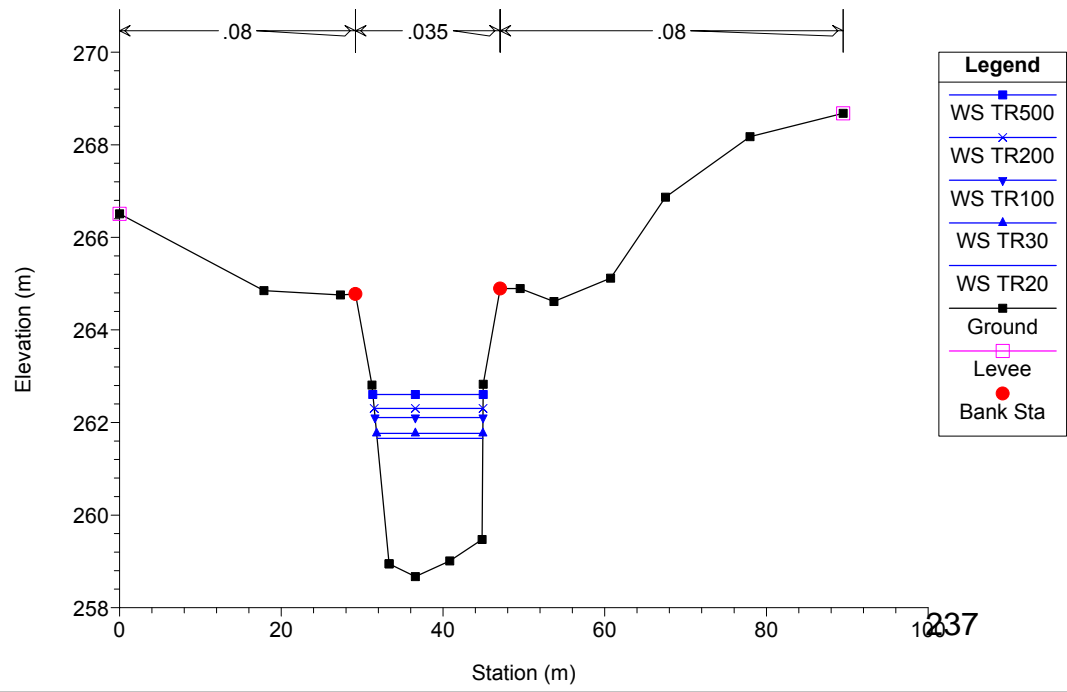
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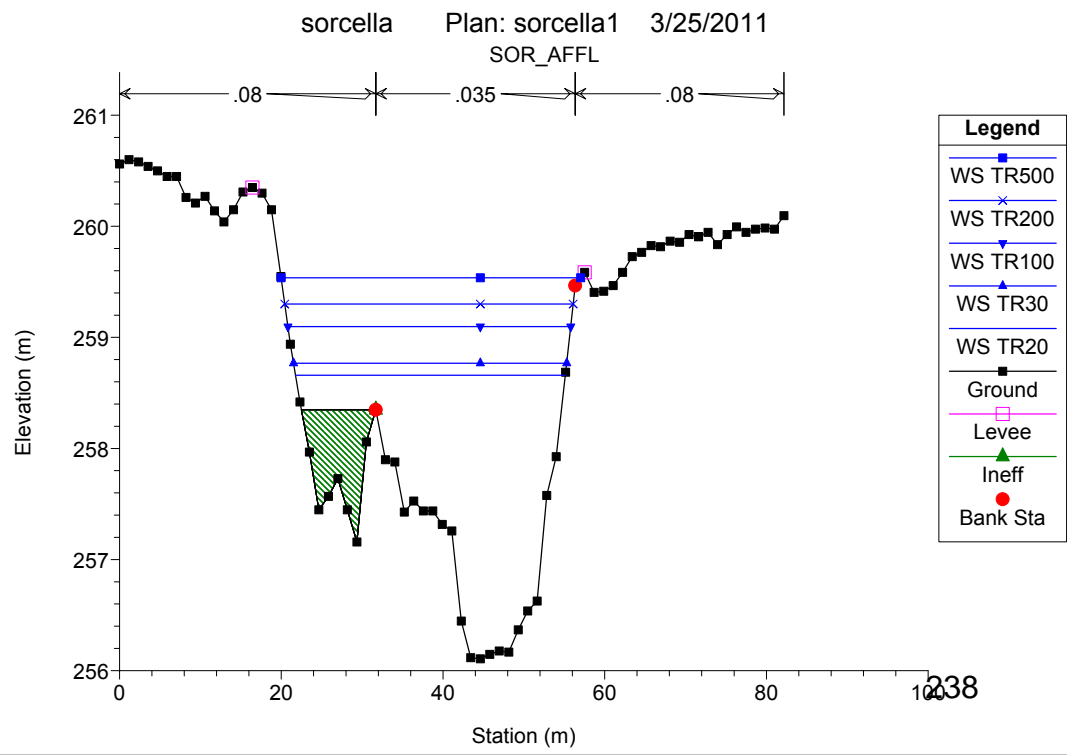
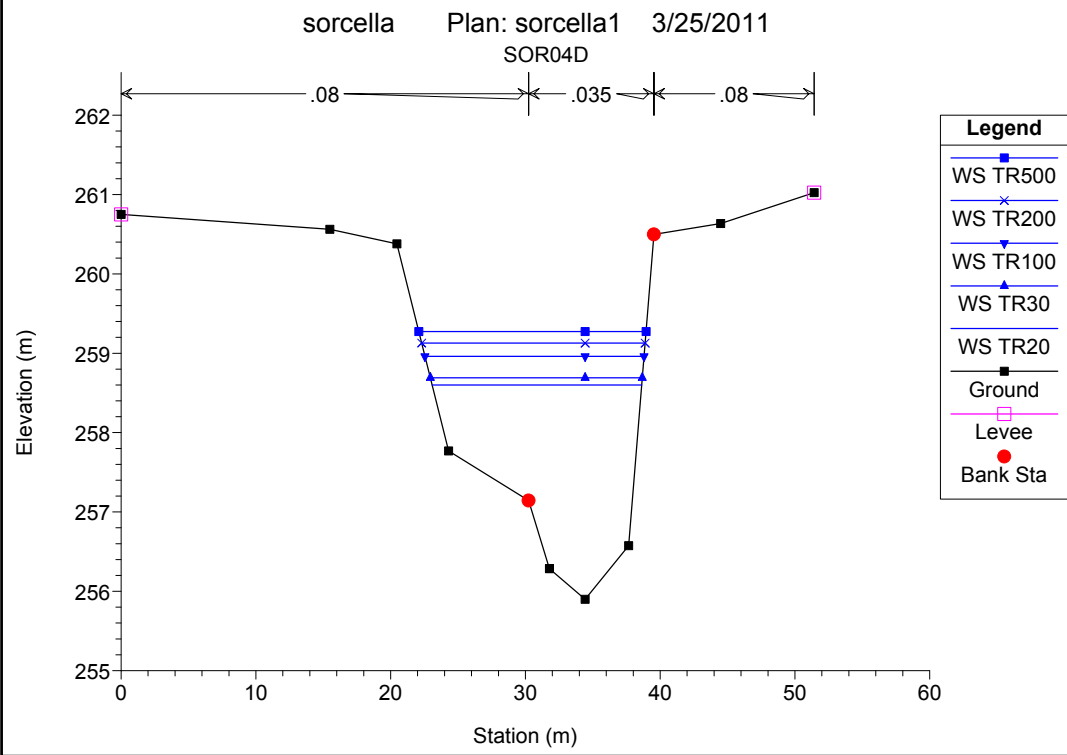
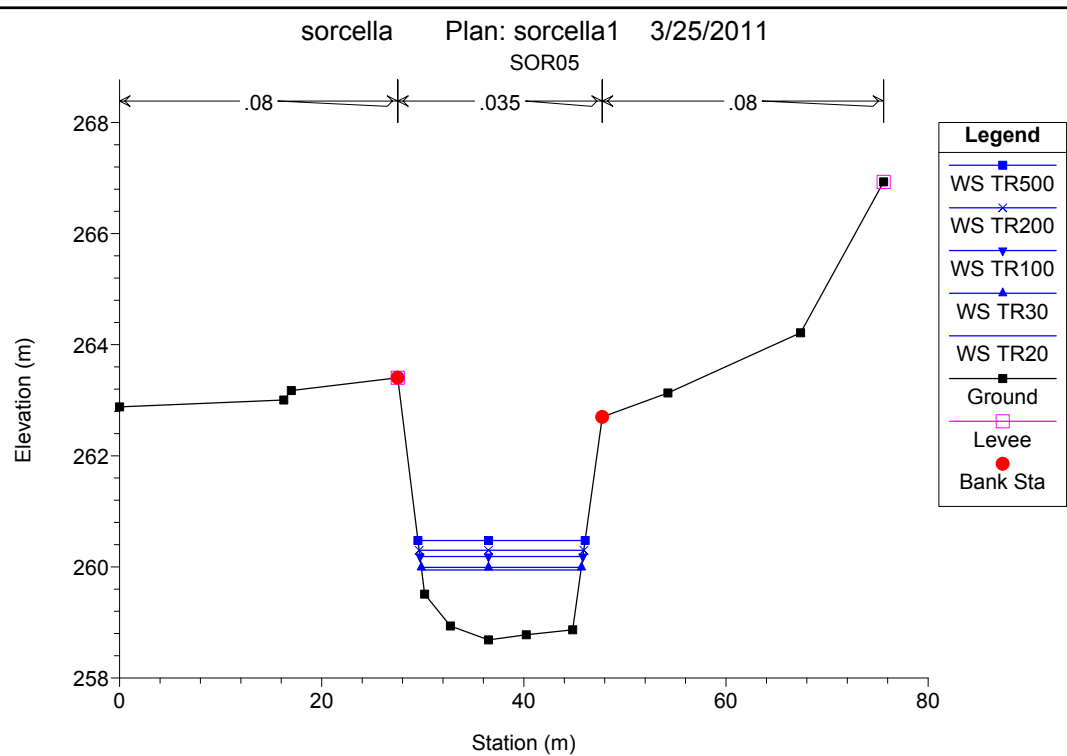
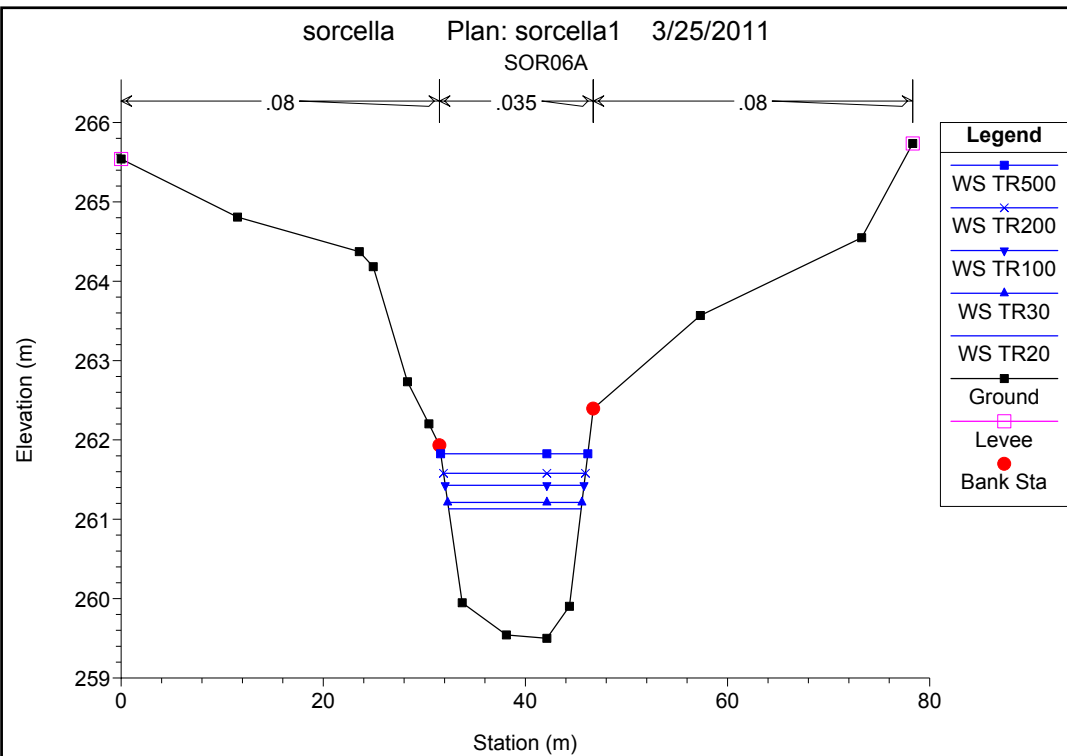


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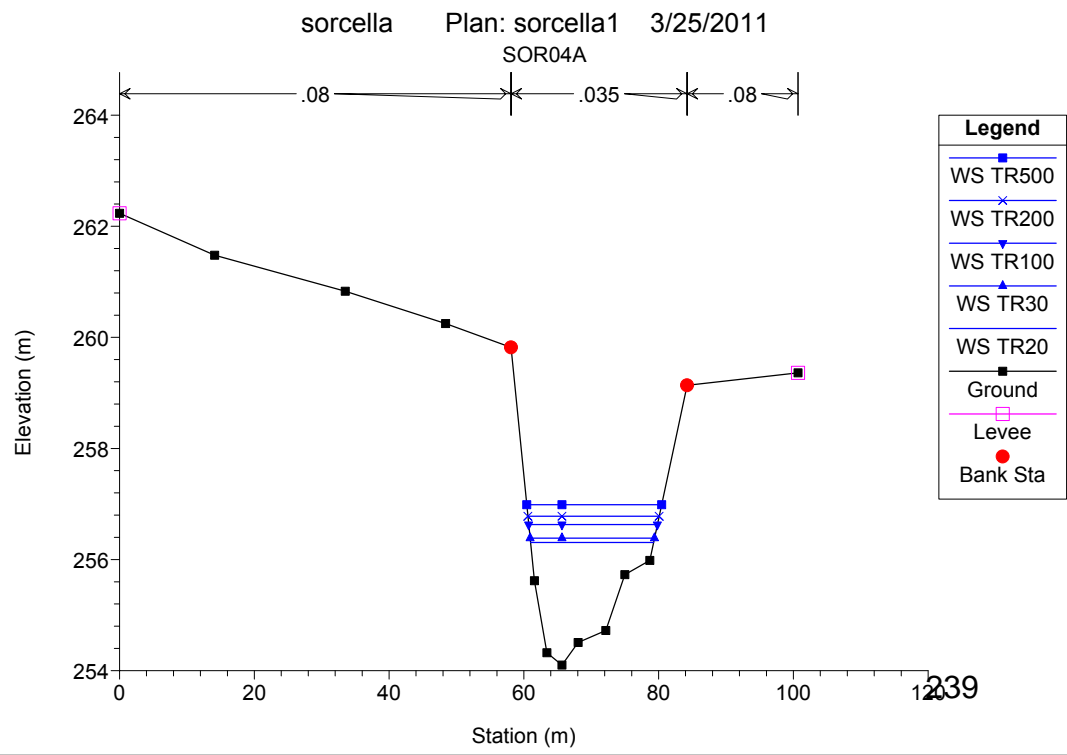
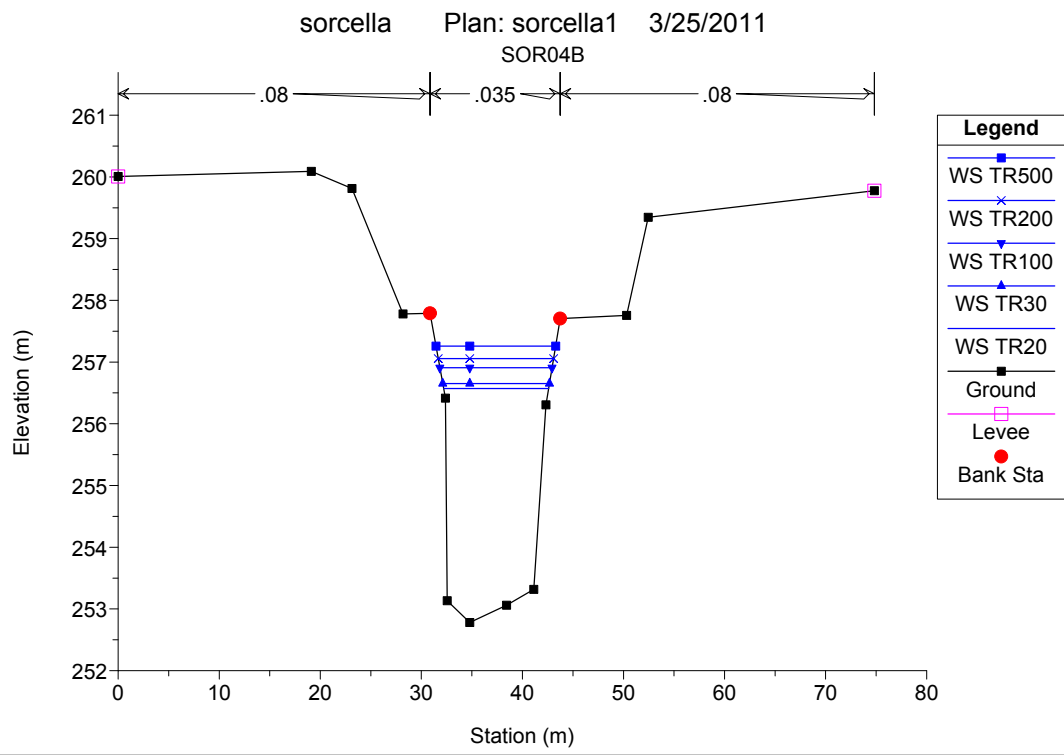
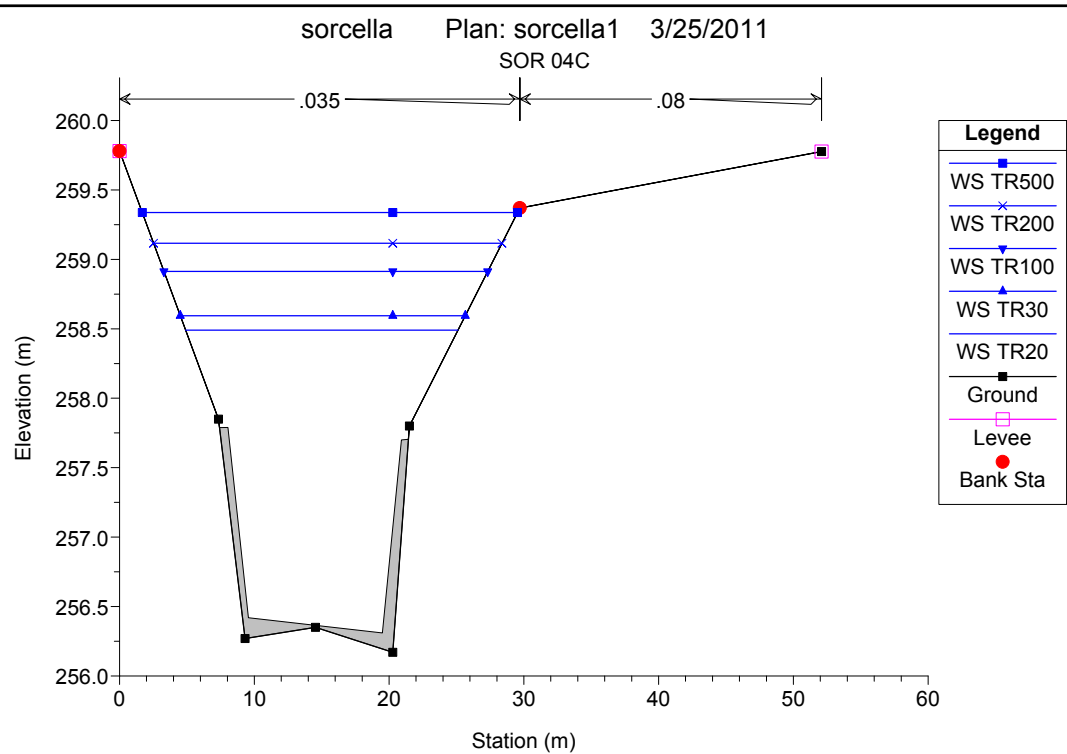
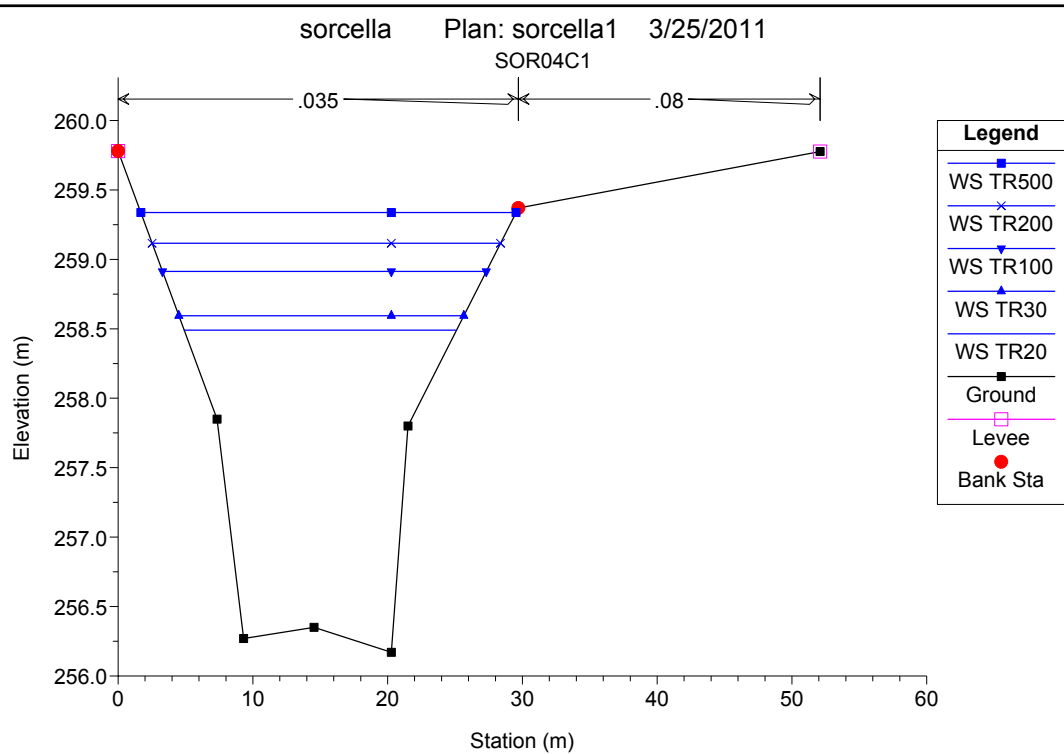


sorcella Plan: sorcella1 3/25/2011  
SOR06B

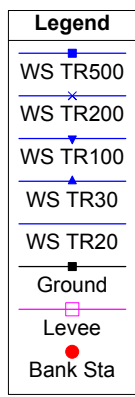
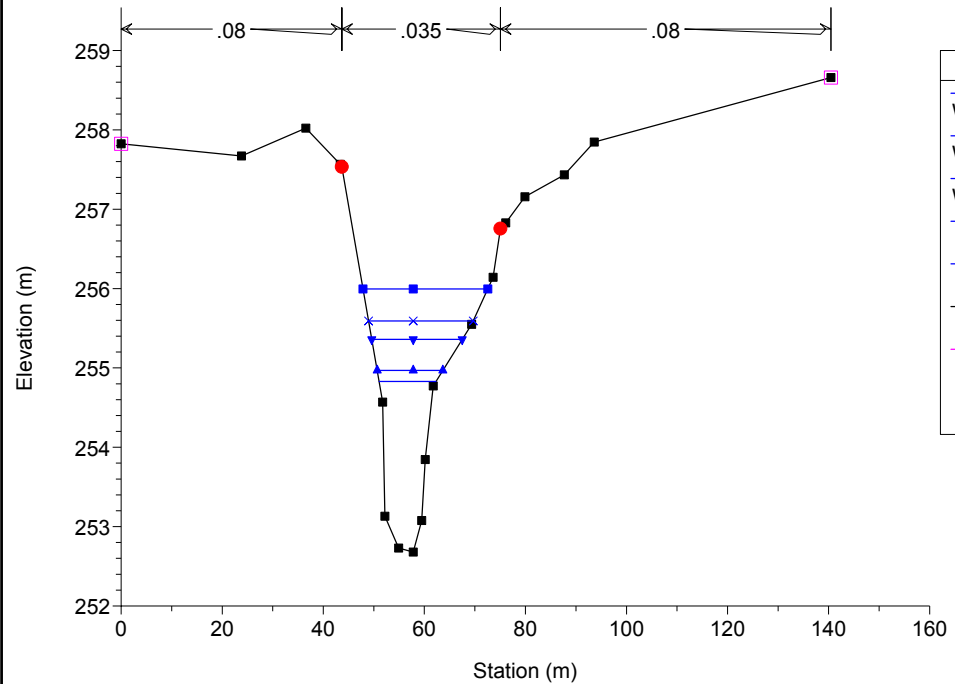




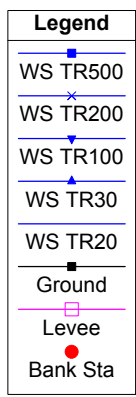
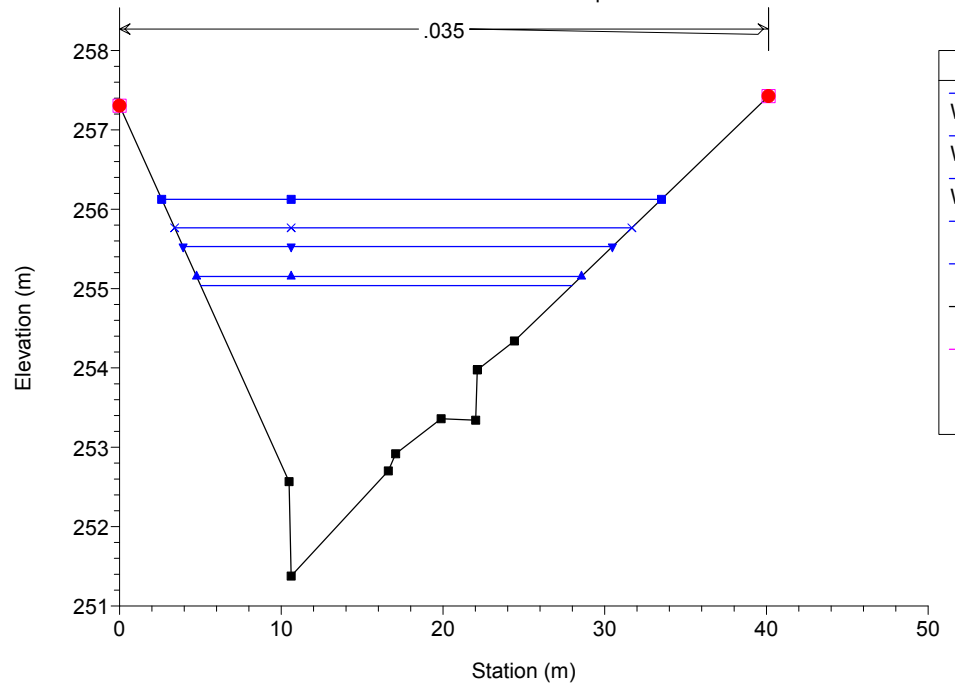




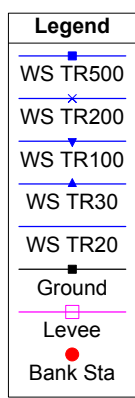
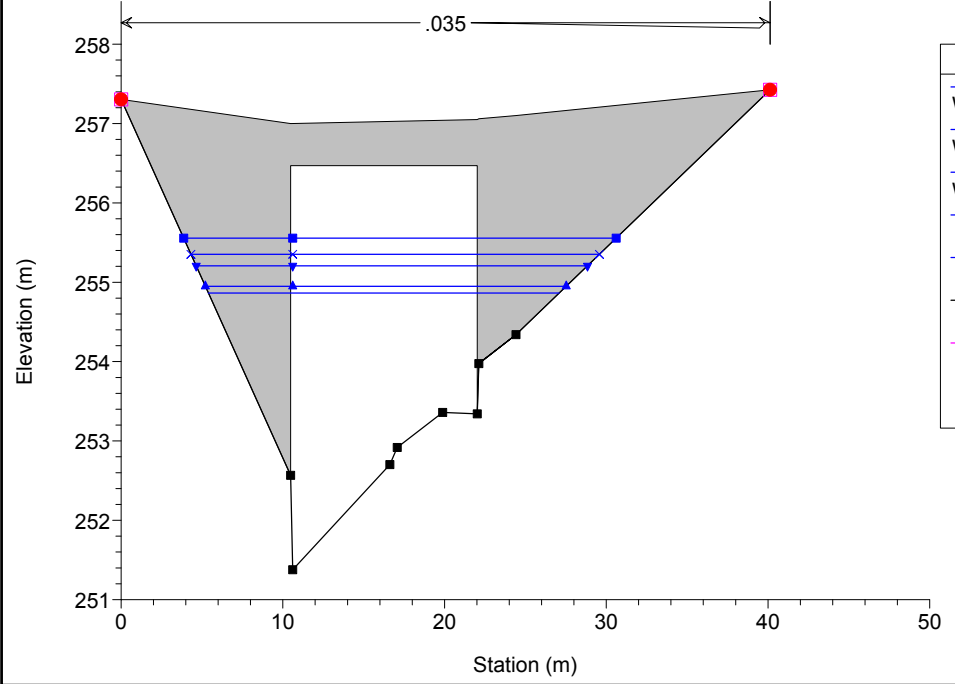
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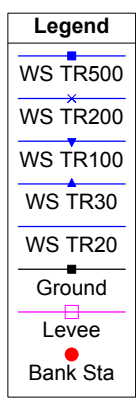
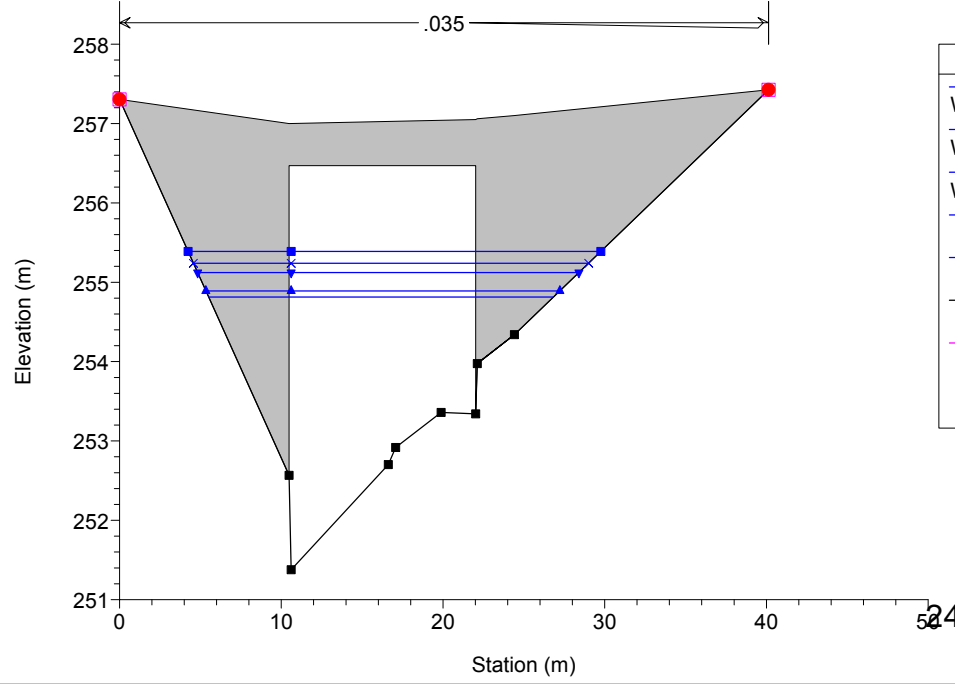
sorcella Plan: sorcella1 3/25/2011  
SOR03B monte ponte



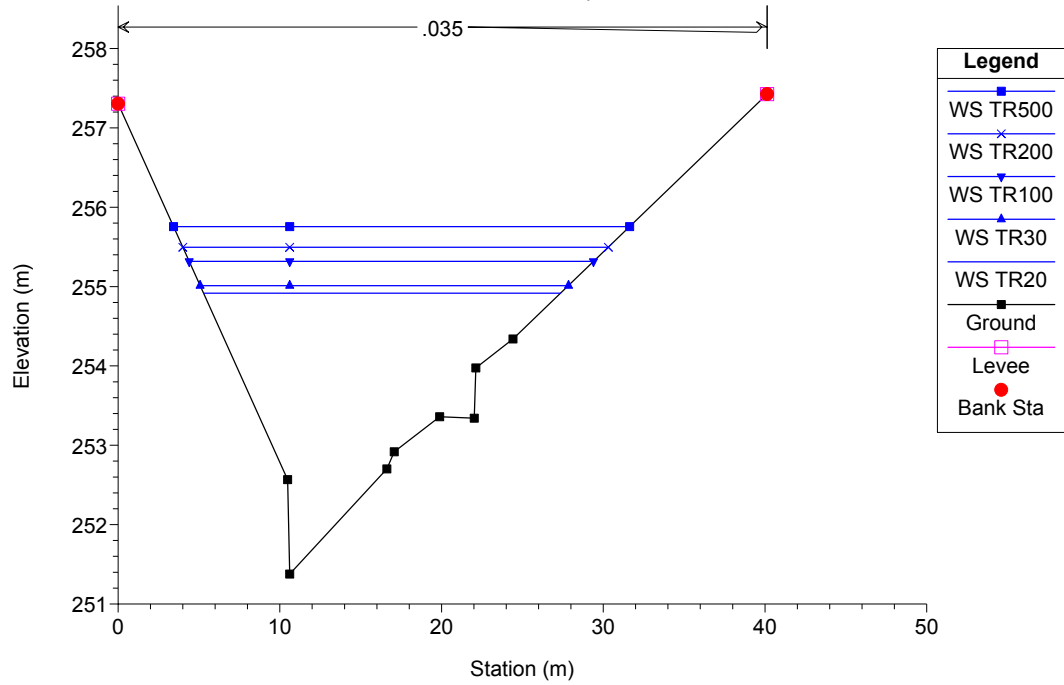
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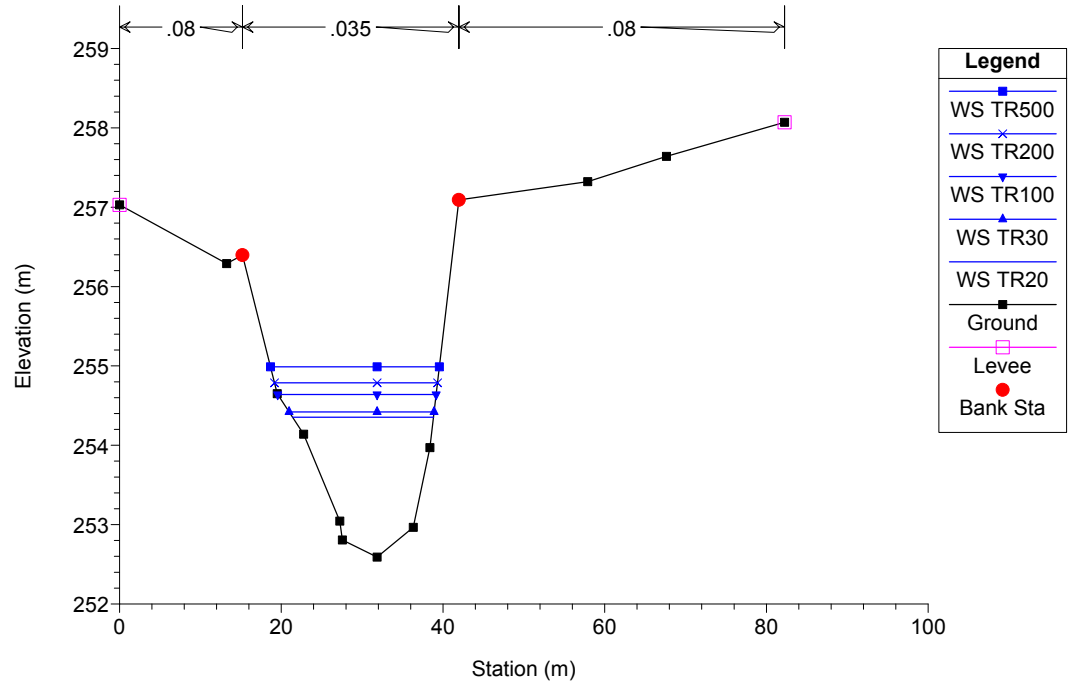
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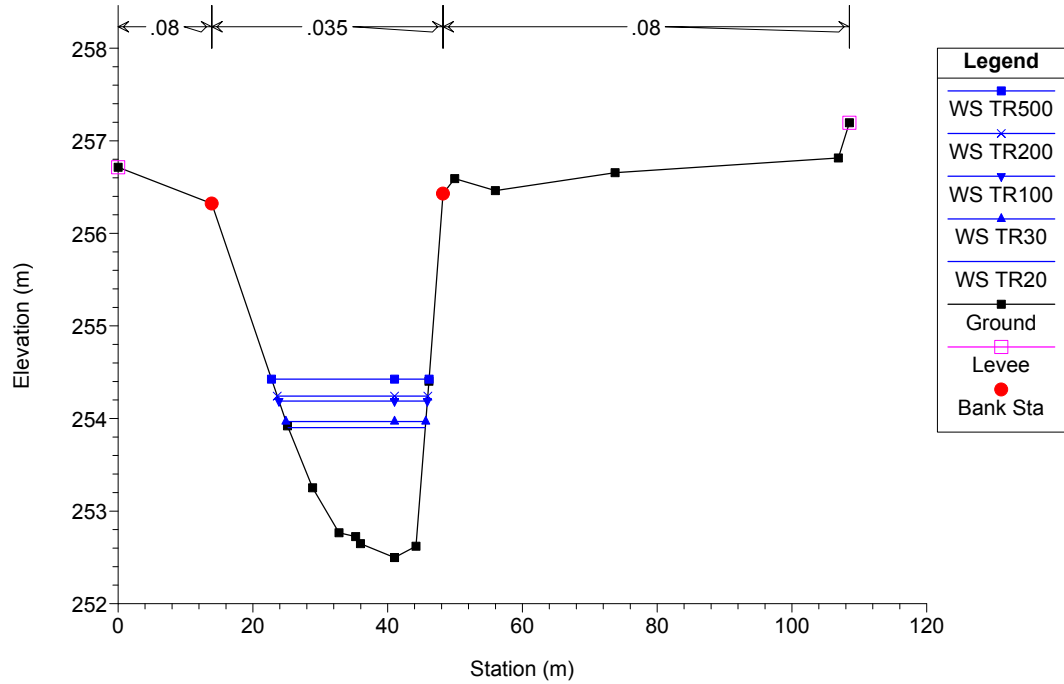
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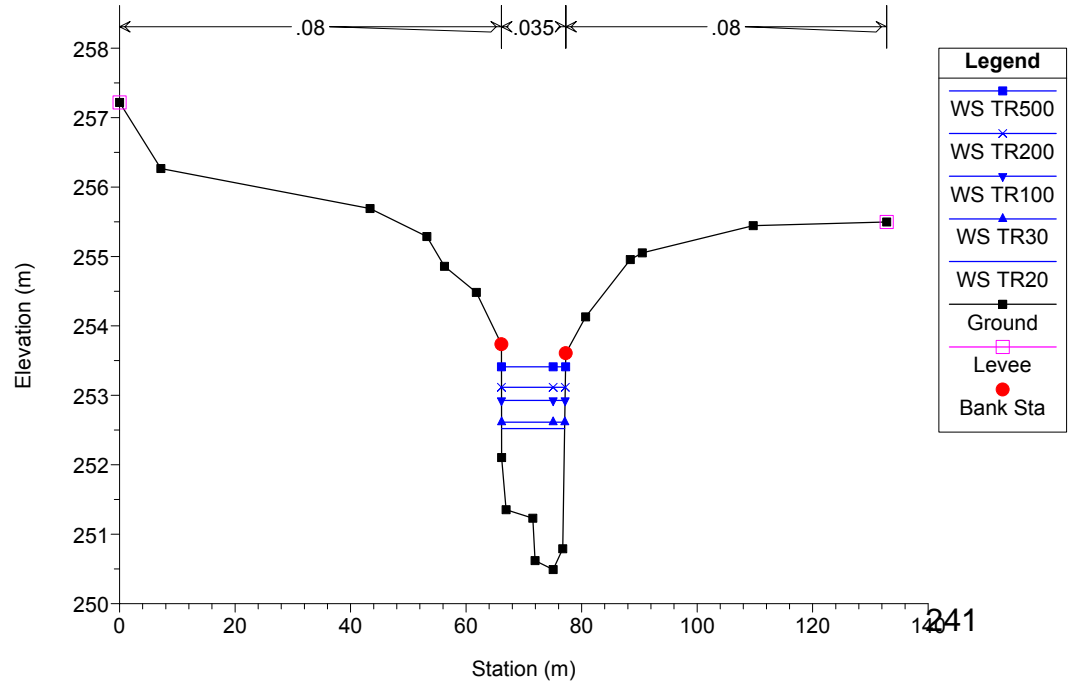
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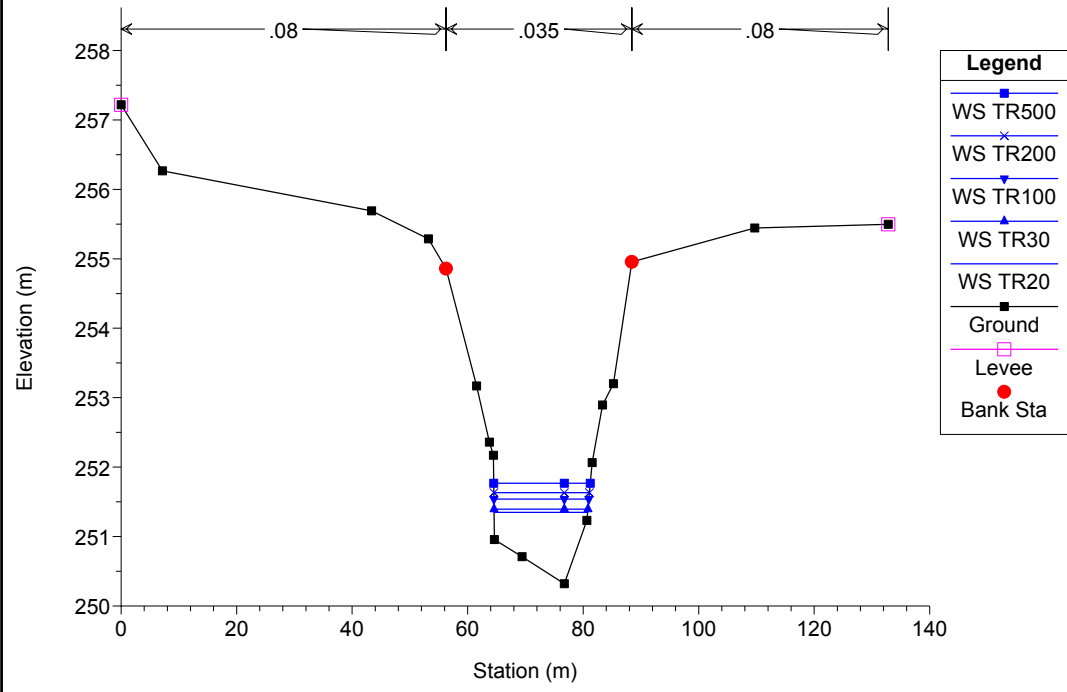
sorcella Plan: sorcella1 3/25/2011  
SOR02



sorcella Plan: sorcella1 3/25/2011  
SOR01B



sorcella Plan: sorcella1 3/25/2011  
SOR01A



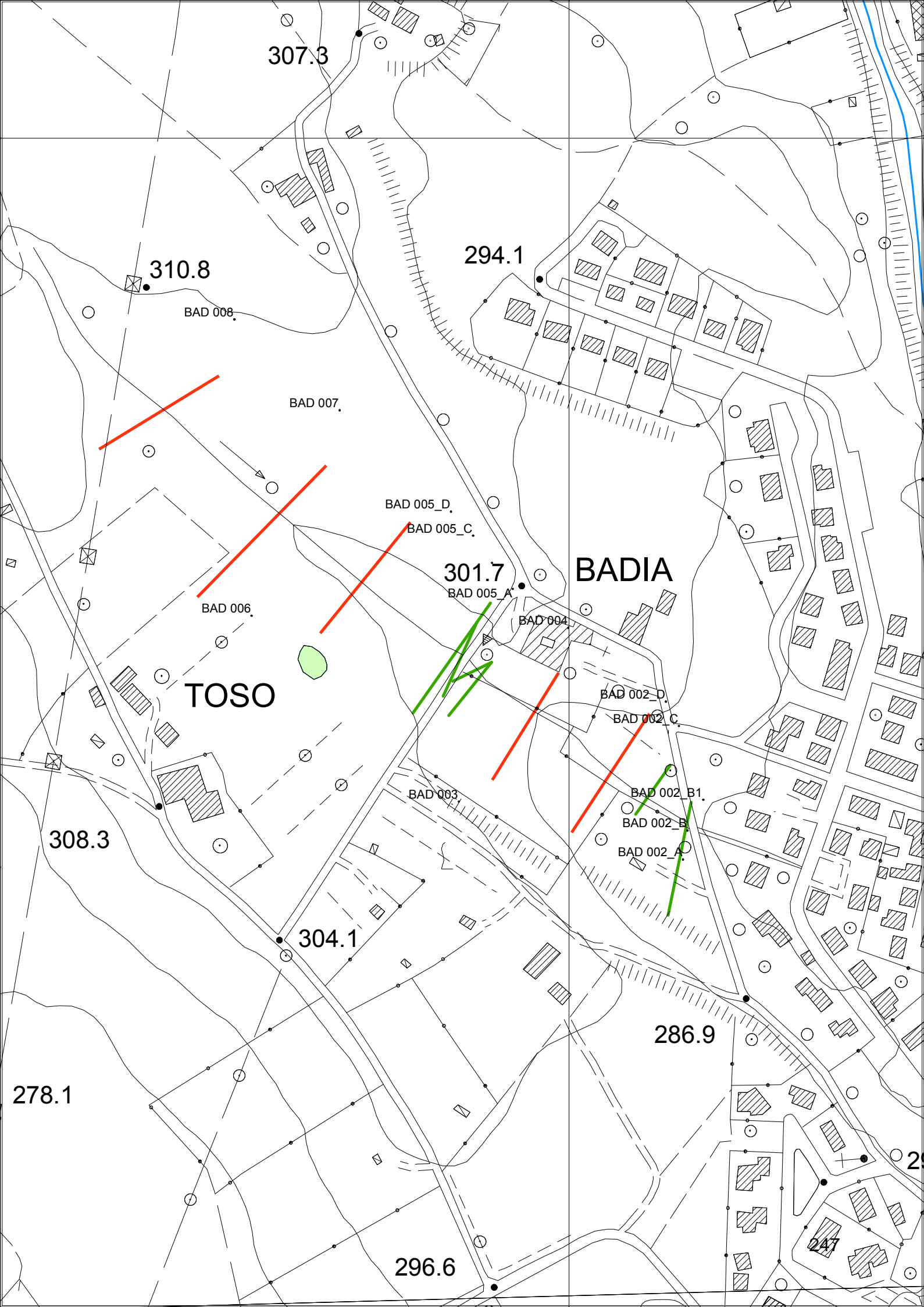
Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
t.Sorcella	10	TR20	56.40	267.49	269.16	269.25	269.94	0.015005	3.90	14.46	11.09	1.09
t.Sorcella	10	TR30	61.90	267.49	269.25	269.34	270.07	0.015006	4.02	15.41	11.25	1.10
t.Sorcella	10	TR100	80.90	267.49	269.52	269.64	270.49	0.015003	4.37	18.51	11.74	1.11
t.Sorcella	10	TR200	93.20	267.49	269.67	269.82	270.74	0.015014	4.60	20.30	12.24	1.12
t.Sorcella	10	TR500	113.90	267.49	269.90	270.15	271.14	0.015009	4.93	23.25	13.03	1.14
t.Sorcella	9.3	TR20	56.40	266.81	268.43	268.61	269.14	0.018324	3.76	15.28	25.87	1.21
t.Sorcella	9.3	TR30	61.90	266.81	268.47	268.68	269.26	0.018999	3.94	16.41	26.03	1.24
t.Sorcella	9.3	TR100	80.90	266.81	268.60	268.90	269.62	0.021320	4.52	19.80	26.51	1.34
t.Sorcella	9.3	TR200	93.20	266.81	269.31	269.02	269.72	0.004932	2.99	39.49	29.15	0.70
t.Sorcella	9.3	TR500	113.90	266.81	269.66	269.21	270.07	0.003875	2.98	50.13	30.48	0.64
t.Sorcella	9.2	TR20	56.40	266.71	268.76	268.12	268.90	0.002171	1.63	34.57	23.48	0.43
t.Sorcella	9.2	TR30	61.90	266.71	268.88	268.18	269.02	0.002058	1.66	37.28	23.51	0.42
t.Sorcella	9.2	TR100	80.90	266.71	269.24	268.36	269.40	0.001836	1.77	45.82	23.62	0.40
t.Sorcella	9.2	TR200	93.20	266.71	269.45	268.46	269.63	0.001757	1.83	50.86	23.68	0.40
t.Sorcella	9.2	TR500	113.90	266.71	269.79	268.63	269.98	0.001688	1.93	58.90	24.29	0.40
t.Sorcella	9.15		Bridge									
t.Sorcella	9.1	TR20	56.40	266.71	268.73	268.12	268.87	0.002345	1.67	33.74	23.47	0.44
t.Sorcella	9.1	TR30	61.90	266.71	268.84	268.18	268.99	0.002208	1.70	36.46	23.50	0.44
t.Sorcella	9.1	TR100	80.90	266.71	269.21	268.36	269.37	0.001942	1.80	45.00	23.60	0.42
t.Sorcella	9.1	TR200	93.20	266.71	269.42	268.46	269.60	0.001851	1.86	50.03	23.67	0.41
t.Sorcella	9.1	TR500	113.90	266.71	269.75	268.63	269.95	0.001767	1.96	57.99	24.19	0.40
t.Sorcella	9	TR20	56.40	265.49	268.06	268.06	268.70	0.013622	3.55	15.88	12.37	1.00
t.Sorcella	9	TR30	61.90	265.49	268.16	268.16	268.83	0.013322	3.62	17.10	12.71	1.00
t.Sorcella	9	TR100	80.90	265.49	268.44	268.44	269.21	0.013037	3.87	20.90	13.85	1.01
t.Sorcella	9	TR200	93.20	265.49	268.60	268.60	269.43	0.012595	4.03	23.14	14.22	1.00
t.Sorcella	9	TR500	113.90	265.49	268.86	268.86	269.78	0.011835	4.27	26.87	16.02	0.99
t.Sorcella	8	TR20	56.40	264.71	266.68	266.84	267.58	0.017400	4.21	13.41	10.45	1.19
t.Sorcella	8	TR30	61.90	264.71	266.77	266.94	267.71	0.017037	4.31	14.36	10.70	1.18
t.Sorcella	8	TR100	80.90	264.71	267.05	267.25	268.15	0.016097	4.64	17.53	11.48	1.18
t.Sorcella	8	TR200	93.20	264.71	267.22	267.45	268.40	0.015397	4.83	19.55	13.08	1.17
t.Sorcella	8	TR500	113.90	264.71	267.47	267.76	268.81	0.014661	5.14	23.15	16.13	1.17
t.Sorcella	7.3	TR20	56.40	263.49	266.68	265.72	266.96	0.003068	2.32	24.43	13.00	0.51
t.Sorcella	7.3	TR30	61.90	263.49	266.80	265.84	267.09	0.003156	2.42	25.97	14.09	0.52
t.Sorcella	7.3	TR100	80.90	263.49	267.12	266.21	267.50	0.003424	2.75	31.06	17.94	0.55
t.Sorcella	7.3	TR200	93.20	263.49	267.29	266.42	267.72	0.003589	2.94	34.29	18.92	0.57
t.Sorcella	7.3	TR500	113.90	263.49	267.55	266.74	268.07	0.003851	3.24	39.41	20.23	0.60
t.Sorcella	7.2		Inl Struct									
t.Sorcella	7.1	TR20	56.40	262.65	265.15	265.15	266.04	0.009771	4.21	14.28	8.65	0.99
t.Sorcella	7.1	TR30	61.90	262.65	265.27	265.27	266.21	0.009563	4.34	15.30	8.71	0.99
t.Sorcella	7.1	TR100	80.90	262.65	265.64	265.64	266.77	0.009074	4.75	18.59	8.95	0.99
t.Sorcella	7.1	TR200	93.20	262.65	265.90	265.90	267.10	0.008461	4.91	21.17	12.06	0.97
t.Sorcella	7.1	TR500	113.90	262.65	266.31	266.31	267.60	0.007546	5.12	26.53	13.92	0.94
t.Sorcella	7	TR20	56.40	263.18	264.67	264.37	264.90	0.005241	2.13	26.50	23.93	0.65
t.Sorcella	7	TR30	61.90	263.18	264.77	264.42	265.00	0.004840	2.14	28.91	24.30	0.63
t.Sorcella	7	TR100	80.90	263.18	265.06	264.61	265.31	0.004214	2.24	36.14	25.37	0.60
t.Sorcella	7	TR200	93.20	263.18	265.21	264.72	265.49	0.004095	2.32	40.11	25.94	0.60
t.Sorcella	7	TR500	113.90	263.18	264.39	264.89	266.04	0.005932	5.70	19.99	22.90	1.95
t.Sorcella	6.3	TR20	56.40	261.72	264.52	263.17	264.64	0.001024	1.52	38.92	21.88	0.31
t.Sorcella	6.3	TR30	61.90	261.72	264.62	263.25	264.75	0.001075	1.60	41.15	23.39	0.32
t.Sorcella	6.3	TR100	80.90	261.72	264.90	263.50	265.07	0.001273	1.86	48.17	27.60	0.36
t.Sorcella	6.3	TR200	93.20	261.72	265.03	263.65	265.24	0.001424	2.04	52.14	30.66	0.38
t.Sorcella	6.3	TR500	113.90	261.72	265.23	263.89	265.49	0.001686	2.31	58.56	35.99	0.42
t.Sorcella	6.2	TR20	56.40	262.54	264.44	263.74	264.62	0.002540	1.90	29.76	18.02	0.47
t.Sorcella	6.2	TR30	61.90	262.54	264.53	263.81	264.73	0.002574	1.97	31.50	18.17	0.48
t.Sorcella	6.2	TR100	80.90	262.54	264.79	264.03	265.05	0.002854	2.23	36.40	23.38	0.51
t.Sorcella	6.2	TR200	93.20	262.54	264.92	264.17	265.21	0.003092	2.41	39.96	30.36	0.53
t.Sorcella	6.2	TR500	113.90	262.54	265.09	264.38	265.46	0.003481	2.69	45.55	34.01	0.57
t.Sorcella	6.15		Inl Struct									
t.Sorcella	6.1	TR20	56.40	258.67	261.66	260.30	261.81	0.001452	1.71	33.05	13.09	0.34
t.Sorcella	6.1	TR30	61.90	258.67	261.77	260.39	261.93	0.001549	1.80	34.46	13.15	0.35
t.Sorcella	6.1	TR100	80.90	258.67	262.11	260.66	262.33	0.001858	2.08	38.96	13.35	0.39
t.Sorcella	6.1	TR200	93.20	258.67	262.30	260.83	262.56	0.002042	2.24	41.62	13.47	0.41
t.Sorcella	6.1	TR500	113.90	258.67	262.60	261.09	262.92	0.002339	2.49	45.70	13.65	0.43
t.Sorcella	6	TR20	56.40	259.50	261.13	261.04	261.68	0.010147	3.28	17.20	13.11	0.91
t.Sorcella	6	TR30	61.90	259.50	261.21	261.14	261.80	0.010217	3.39	18.27	13.29	0.92
t.Sorcella	6	TR100	80.90	259.50	261.43	261.41	262.17	0.011291	3.82	21.18	13.73	0.98
t.Sorcella	6	TR200	93.20	259.50	261.58	261.57	262.40	0.011362	4.00	23.27	14.05	0.99

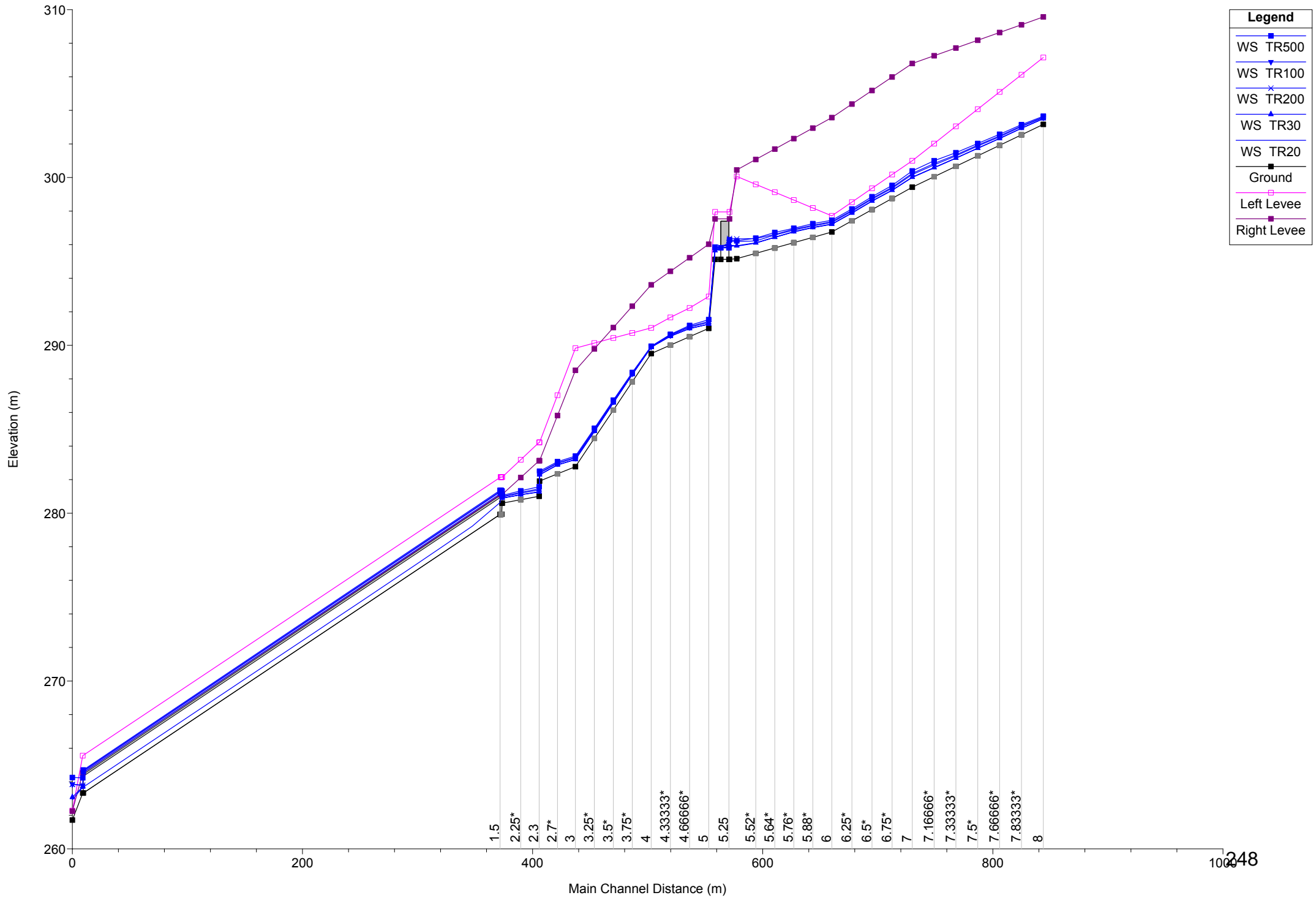
Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
t.Sorcella	6	TR500	113.90	259.50	261.82	261.82	262.75	0.011267	4.25	26.80	14.56	1.00
t.Sorcella	5	TR20	56.40	258.69	259.94	260.01	260.55	0.015060	3.46	16.29	15.77	1.09
t.Sorcella	5	TR30	61.90	258.69	259.99	260.08	260.66	0.015782	3.63	17.03	15.84	1.12
t.Sorcella	5	TR100	80.90	258.69	260.19	260.31	261.01	0.015934	4.01	20.17	16.13	1.14
t.Sorcella	5	TR200	93.20	258.69	260.30	260.45	261.21	0.016239	4.24	21.98	16.29	1.17
t.Sorcella	5	TR500	113.90	258.69	260.48	260.67	261.54	0.016559	4.58	24.89	16.54	1.19
t.Sorcella	4.4	TR20	56.40	255.90	258.60	258.09	258.96	0.004263	2.78	25.48	15.56	0.60
t.Sorcella	4.4	TR30	61.90	255.90	258.69	258.20	259.08	0.004474	2.91	26.89	15.73	0.62
t.Sorcella	4.4	TR100	80.90	255.90	258.96	258.50	259.46	0.005214	3.32	31.21	16.26	0.67
t.Sorcella	4.4	TR200	93.20	255.90	259.13	258.67	259.69	0.005566	3.54	33.97	16.58	0.70
t.Sorcella	4.4	TR500	113.90	255.90	259.27	258.95	260.01	0.006956	4.07	36.40	16.87	0.78
t.Sorcella	4.3	TR20	63.40	256.11	258.66	257.86	258.80	0.001878	1.65	40.90	33.37	0.42
t.Sorcella	4.3	TR30	69.40	256.11	258.77	257.95	258.91	0.001811	1.69	44.53	33.78	0.41
t.Sorcella	4.3	TR100	90.50	256.11	259.10	258.16	259.26	0.001702	1.81	55.87	34.97	0.41
t.Sorcella	4.3	TR200	104.80	256.11	259.30	258.29	259.47	0.001654	1.89	63.02	35.66	0.41
t.Sorcella	4.3	TR500	126.90	256.11	259.54	258.51	259.74	0.001710	2.04	71.57	37.06	0.42
t.Sorcella	4.2	TR20	63.40	256.17	258.49	257.71	258.71	0.003225	2.05	30.90	20.21	0.53
t.Sorcella	4.2	TR30	69.40	256.17	258.59	257.80	258.82	0.003273	2.10	33.04	21.14	0.54
t.Sorcella	4.2	TR100	90.50	256.17	258.91	258.13	259.17	0.003397	2.25	40.23	24.02	0.55
t.Sorcella	4.2	TR200	104.80	256.17	259.12	258.32	259.39	0.003372	2.31	45.30	25.85	0.56
t.Sorcella	4.2	TR500	126.90	256.17	259.34	258.57	259.65	0.003606	2.48	51.25	27.85	0.58
t.Sorcella	4.15		Inl Struct									
t.Sorcella	4.1	TR20	63.40	252.78	256.57	254.77	256.76	0.001694	1.92	32.94	10.38	0.34
t.Sorcella	4.1	TR30	69.40	252.78	256.65	254.88	256.87	0.001901	2.05	33.80	10.55	0.37
t.Sorcella	4.1	TR100	90.50	252.78	256.91	255.24	257.22	0.002642	2.47	36.57	11.10	0.44
t.Sorcella	4.1	TR200	104.80	252.78	257.06	255.46	257.44	0.003159	2.74	38.24	11.41	0.48
t.Sorcella	4.1	TR500	126.90	252.78	257.26	255.78	257.76	0.003976	3.13	40.57	11.84	0.54
t.Sorcella	4	TR20	63.40	254.10	256.31	256.05	256.66	0.006453	2.65	23.94	18.26	0.74
t.Sorcella	4	TR30	69.40	254.10	256.38	256.12	256.77	0.006495	2.74	25.36	18.46	0.75
t.Sorcella	4	TR100	90.50	254.10	256.63	256.36	257.09	0.006688	3.02	29.96	19.09	0.77
t.Sorcella	4	TR200	104.80	254.10	256.78	256.51	257.30	0.006820	3.19	32.84	19.48	0.78
t.Sorcella	4	TR500	126.90	254.10	256.99	256.72	257.59	0.007039	3.43	36.97	20.02	0.81
t.Sorcella	3.3	TR20	63.40	252.68	254.83	254.78	255.55	0.012288	3.76	16.87	11.26	0.98
t.Sorcella	3.3	TR30	69.40	252.68	254.97	254.97	255.68	0.012705	3.74	18.55	13.00	1.00
t.Sorcella	3.3	TR100	90.50	252.68	255.36	255.36	256.05	0.012444	3.68	24.59	17.90	1.00
t.Sorcella	3.3	TR200	104.80	252.68	255.59	255.56	256.25	0.011403	3.60	29.09	20.70	0.97
t.Sorcella	3.3	TR500	126.90	252.68	256.00	255.79	256.56	0.008377	3.32	38.23	24.68	0.85
t.Sorcella	3.2	TR20	63.40	251.38	255.04	253.97	255.18	0.001906	1.65	38.53	22.96	0.41
t.Sorcella	3.2	TR30	69.40	251.38	255.15	254.06	255.30	0.001909	1.68	41.21	23.80	0.41
t.Sorcella	3.2	TR100	90.50	251.38	255.53	254.36	255.69	0.001869	1.79	50.69	26.55	0.41
t.Sorcella	3.2	TR200	104.80	251.38	255.77	254.53	255.94	0.001817	1.83	57.18	28.28	0.41
t.Sorcella	3.2	TR500	126.90	251.38	256.13	254.76	256.30	0.001688	1.87	67.82	30.91	0.40
t.Sorcella	3.15		Bridge									
t.Sorcella	3.1	TR20	63.40	251.38	254.92	253.97	255.08	0.002320	1.77	35.78	22.07	0.44
t.Sorcella	3.1	TR30	69.40	251.38	255.01	254.06	255.18	0.002378	1.83	37.95	22.78	0.45
t.Sorcella	3.1	TR100	90.50	251.38	255.32	254.36	255.52	0.002532	2.00	45.23	25.00	0.47
t.Sorcella	3.1	TR200	104.80	251.38	255.50	254.53	255.72	0.002623	2.10	49.83	26.31	0.49
t.Sorcella	3.1	TR500	126.90	251.38	255.76	254.76	256.01	0.002700	2.23	56.89	28.20	0.50
t.Sorcella	3	TR20	63.40	252.59	254.35	254.29	254.86	0.010618	3.16	20.07	17.43	0.94
t.Sorcella	3	TR30	69.40	252.59	254.42	254.38	254.96	0.010934	3.27	21.25	17.94	0.96
t.Sorcella	3	TR100	90.50	252.59	254.64	254.64	255.29	0.011603	3.57	25.38	19.60	1.00
t.Sorcella	3	TR200	104.80	252.59	254.79	254.79	255.49	0.011279	3.70	28.31	20.17	1.00
t.Sorcella	3	TR500	126.90	252.59	254.99	254.99	255.77	0.011047	3.91	32.46	20.90	1.00
t.Sorcella	2	TR20	63.40	252.50	253.90	253.90	254.40	0.012492	3.12	20.29	20.36	1.00
t.Sorcella	2	TR30	69.40	252.50	253.97	253.97	254.49	0.012377	3.20	21.66	20.76	1.00
t.Sorcella	2	TR100	90.50	252.50	254.19	254.19	254.79	0.011844	3.43	26.38	22.03	1.00
t.Sorcella	2	TR200	104.80	252.50	254.24	254.33	254.98	0.013990	3.80	27.57	22.34	1.09
t.Sorcella	2	TR500	126.90	252.50	254.42	254.52	255.24	0.013682	4.00	31.73	23.38	1.10
t.Sorcella	1.1	TR20	63.40	250.49	252.52	252.52	253.27	0.013738	3.84	16.51	10.93	1.00
t.Sorcella	1.1	TR30	69.40	250.49	252.61	252.61	253.41	0.013759	3.96	17.52	10.95	1.00
t.Sorcella	1.1	TR100	90.50	250.49	252.93	252.93	253.88	0.013698	4.32	20.95	11.01	1.00
t.Sorcella	1.1	TR200	104.80	250.49	253.12	253.12	254.17	0.013859	4.55	23.04	11.04	1.01
t.Sorcella	1.1	TR500	126.90	250.49	253.41	253.41	254.60	0.013754	4.82	26.32	11.10	1.00
t.Sorcella	1	TR20	63.40	250.32	251.35	251.85	253.09	0.074864	5.85	10.83	16.21	2.29
t.Sorcella	1	TR30	69.40	250.32	251.39	251.92	253.23	0.072809	6.00	11.56	16.26	2.27
t.Sorcella	1	TR100	90.50	250.32	251.54	252.16	253.68	0.068100	6.49	13.95	16.44	2.25
t.Sorcella	1	TR200	104.80	250.32	251.63	252.33	253.97	0.065697	6.77	15.48	16.55	2.23

Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
t.Sorcella	1	TR500	126.90	250.32	251.77	252.56	254.38	0.062972	7.16	17.72	16.71	2.22

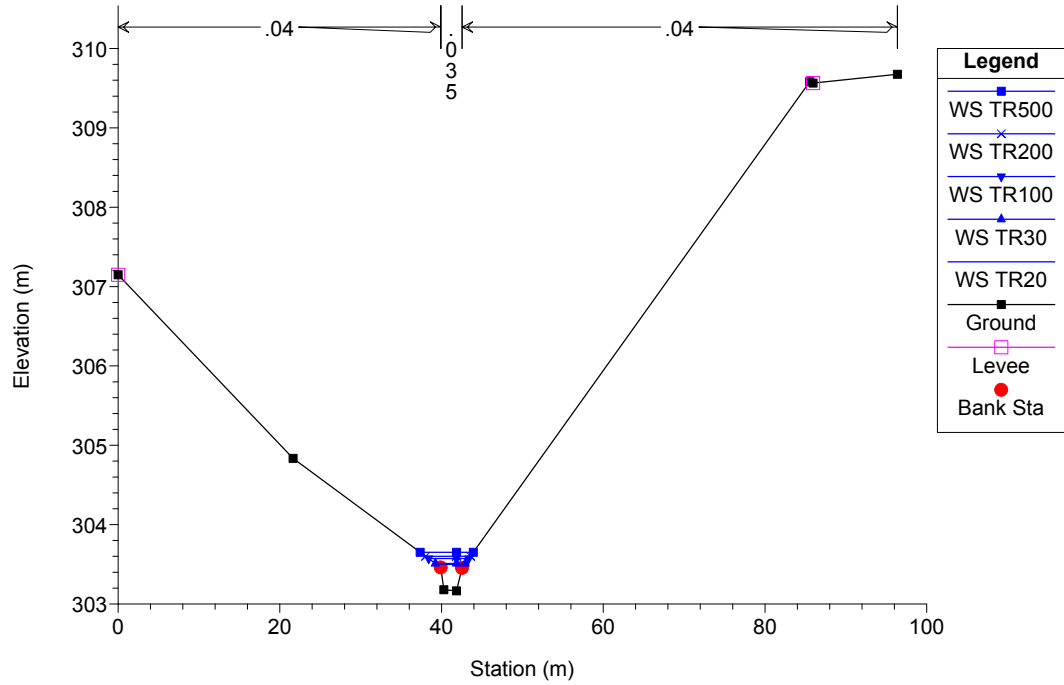
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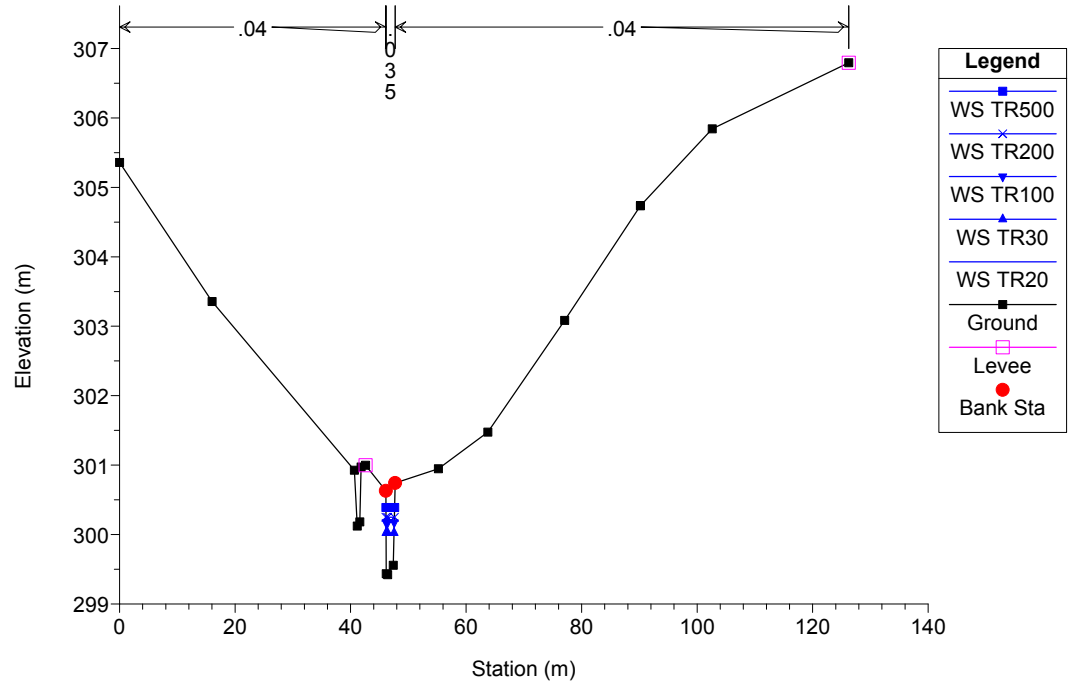




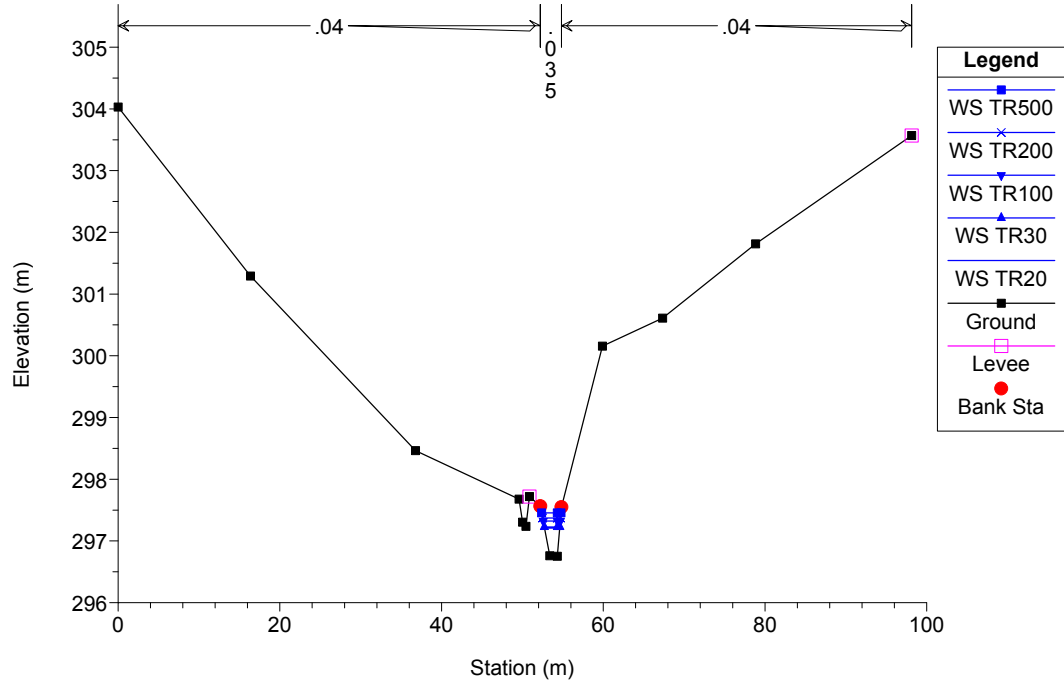
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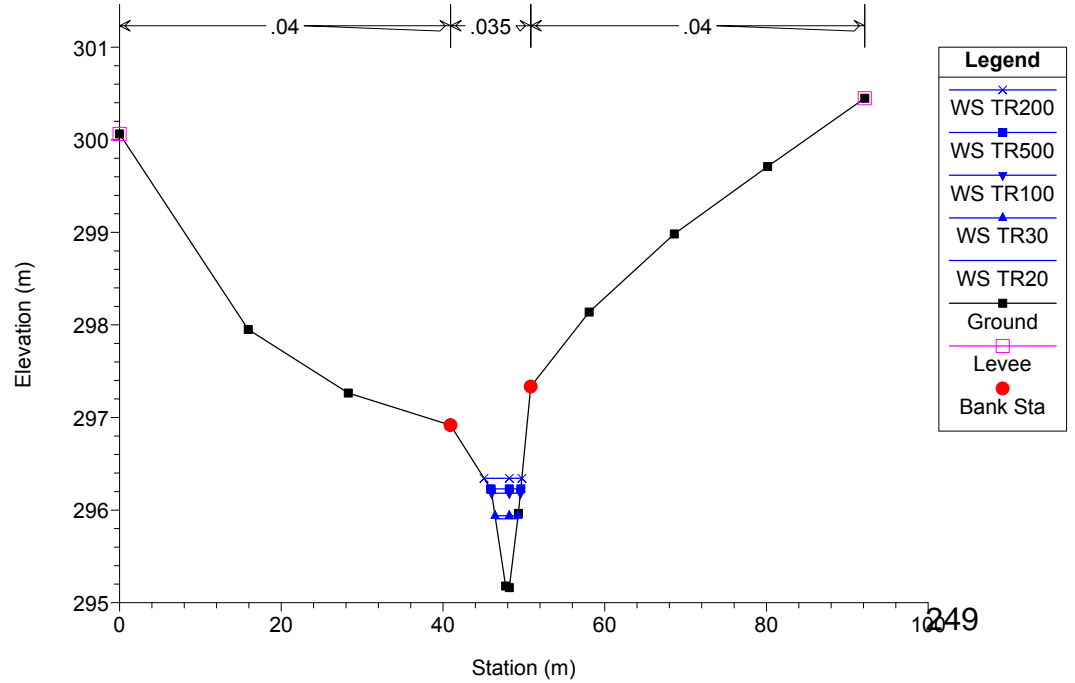
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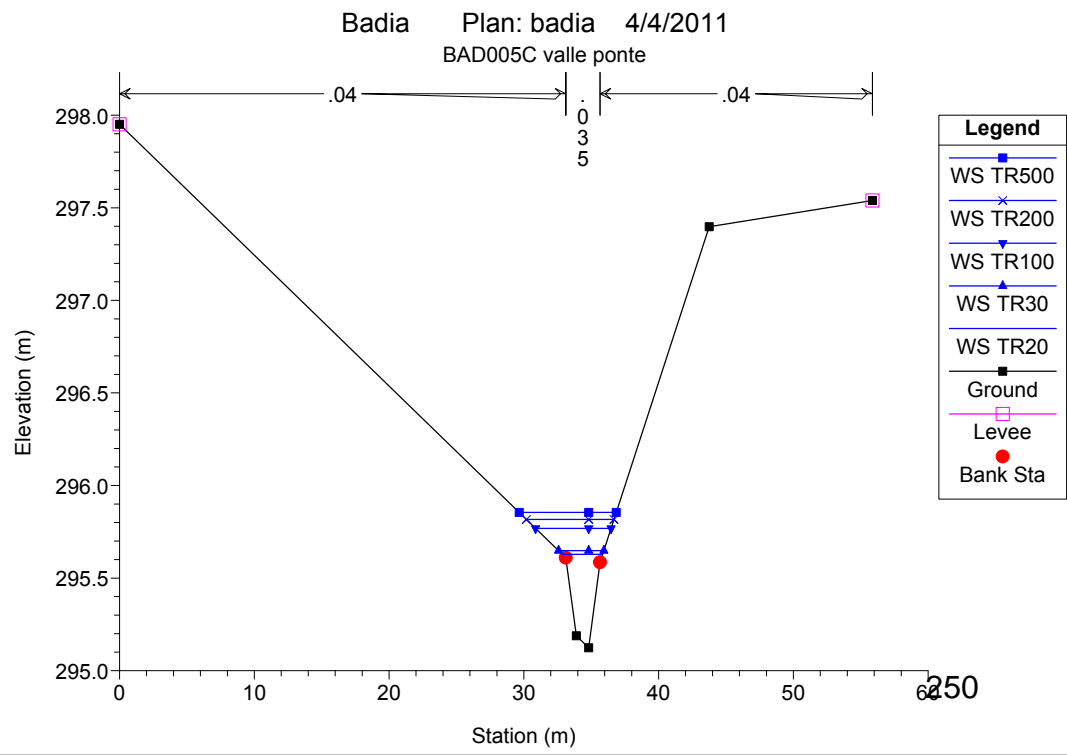
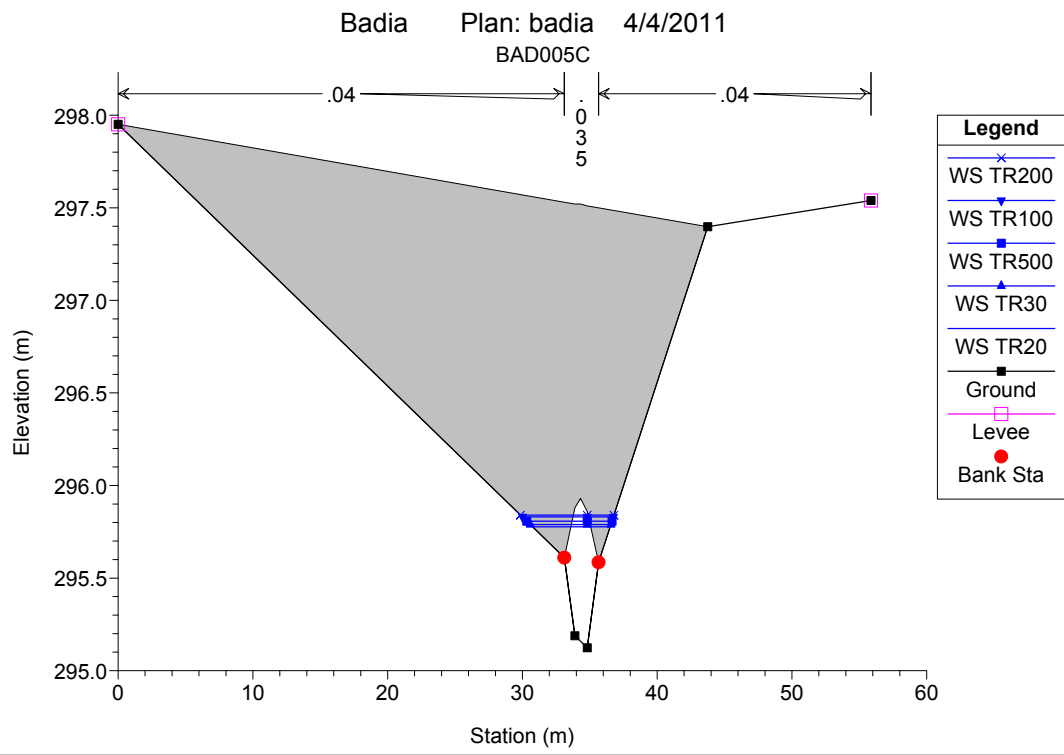
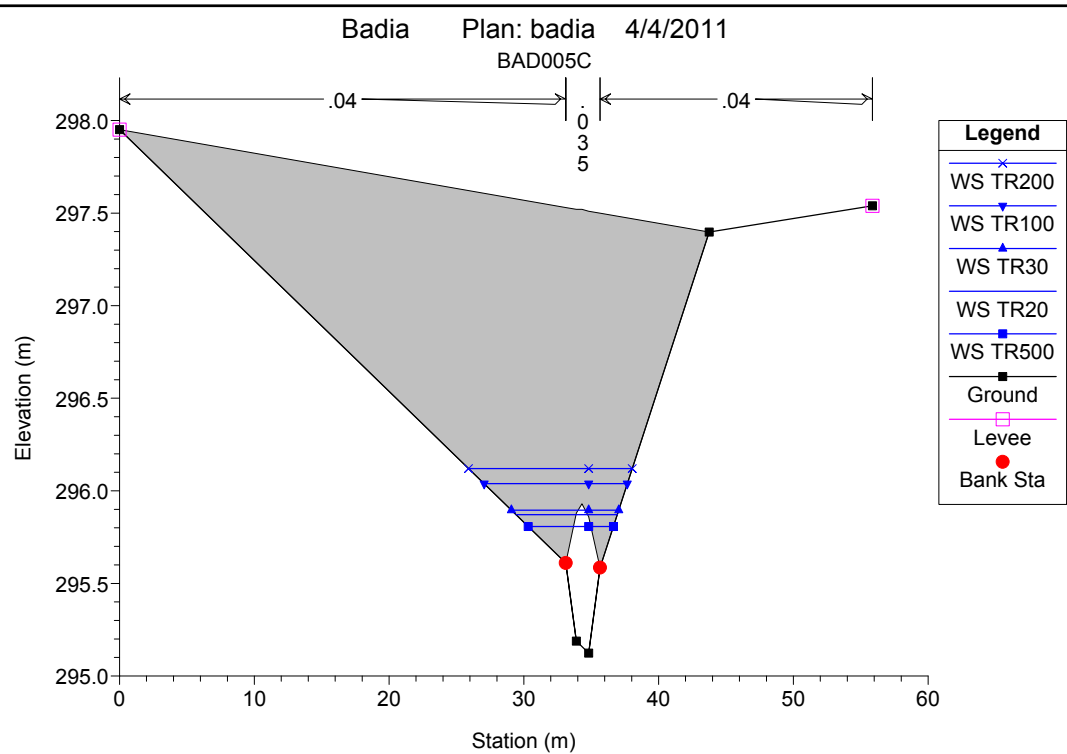
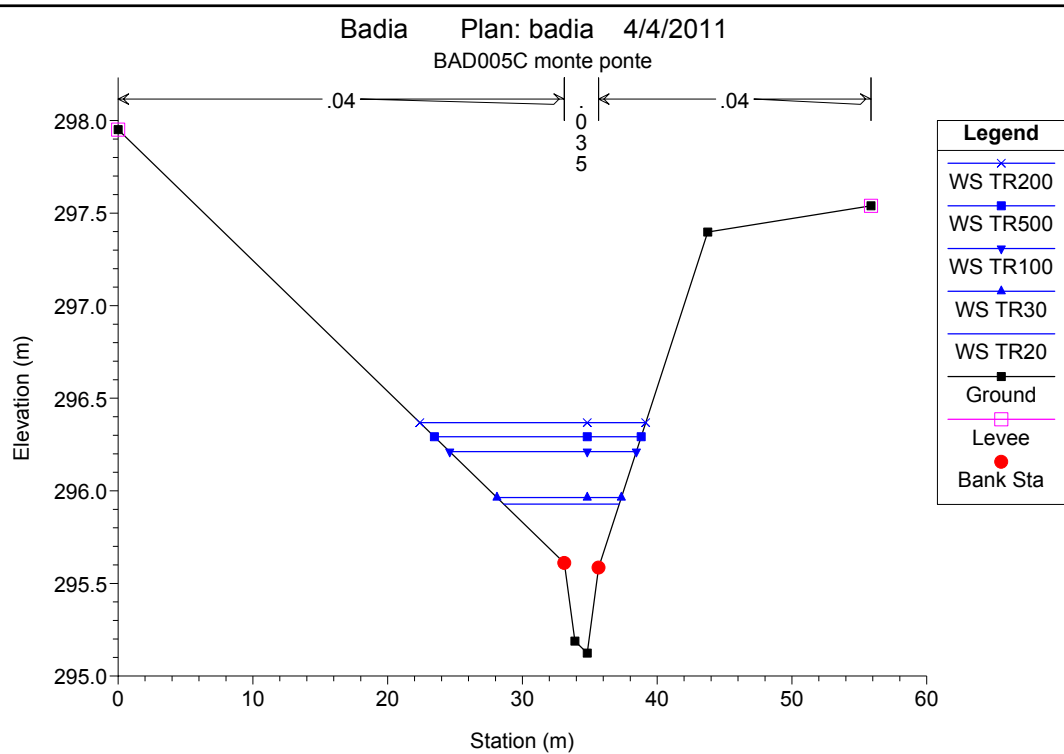


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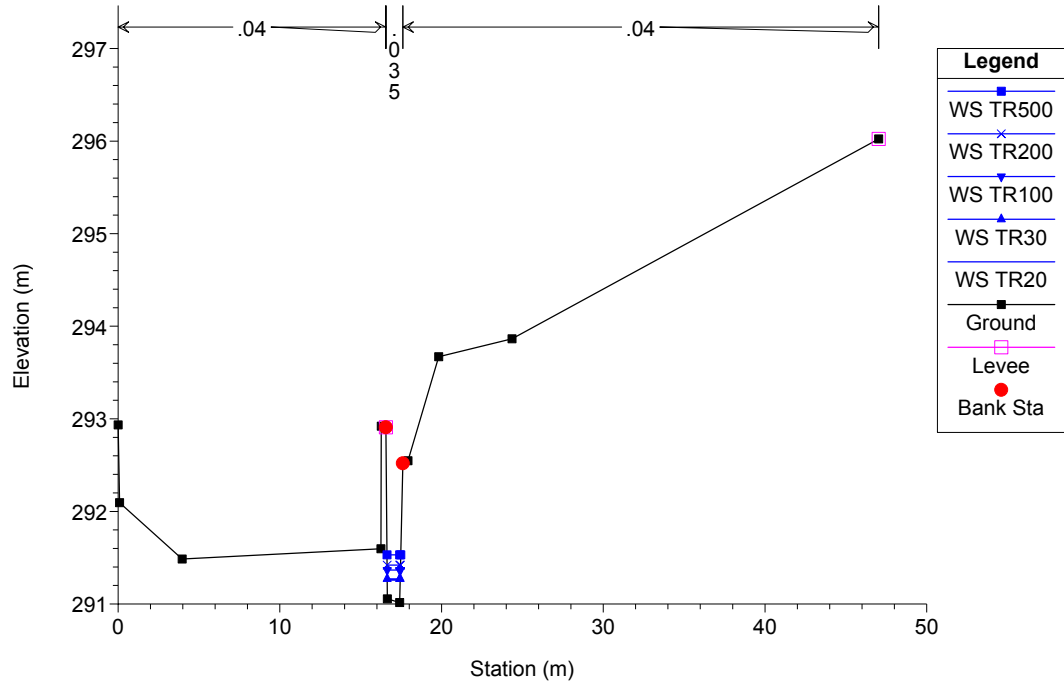


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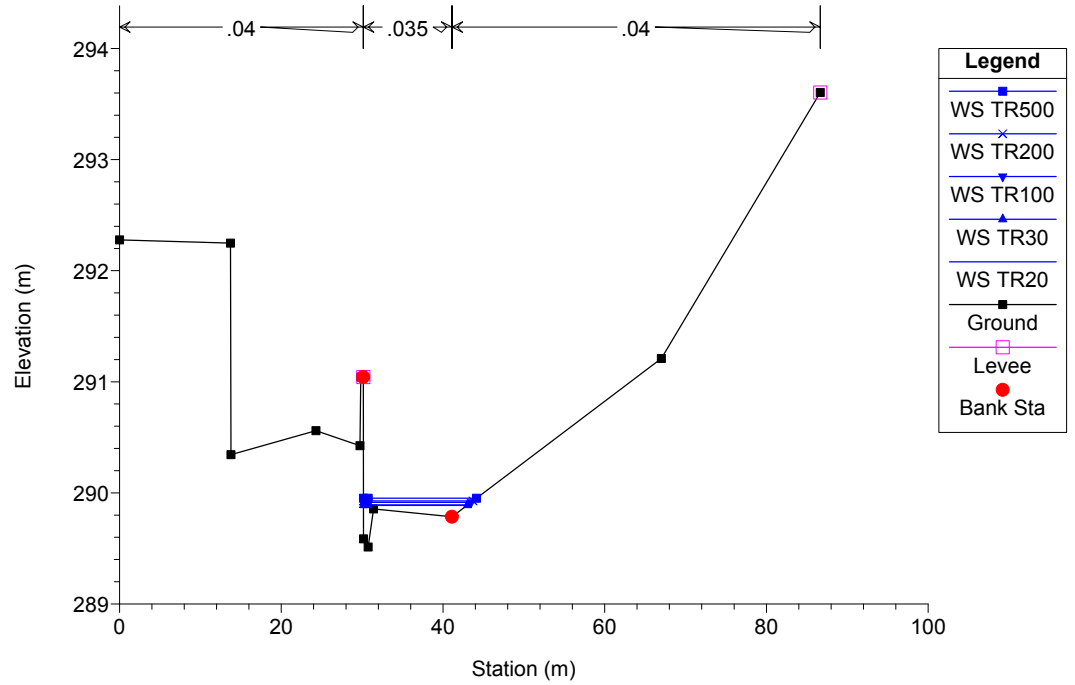




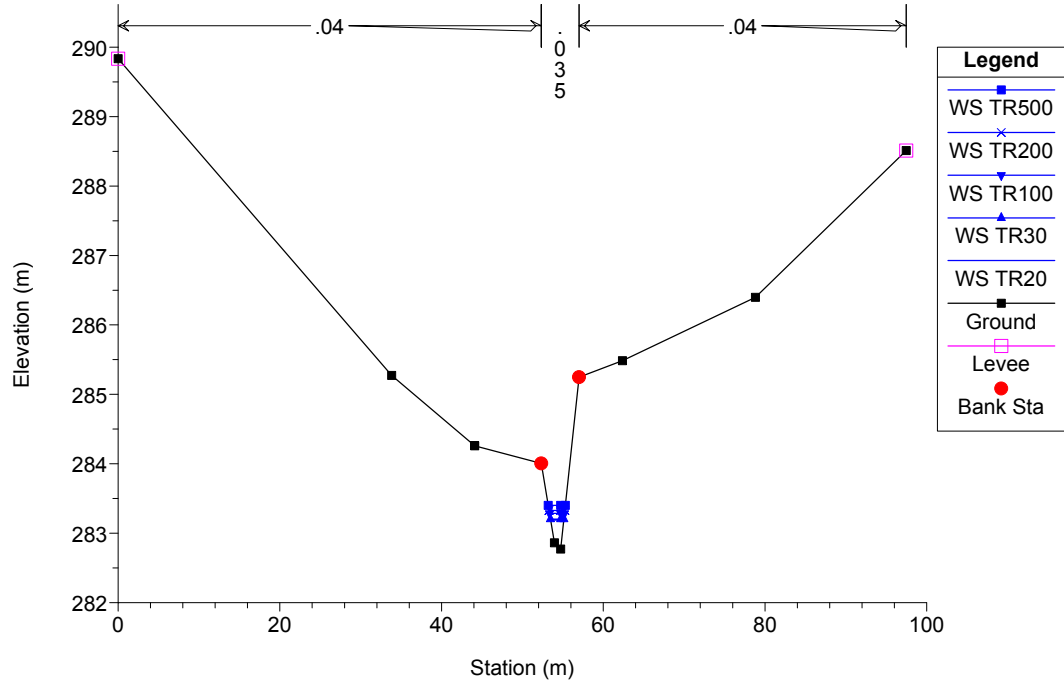
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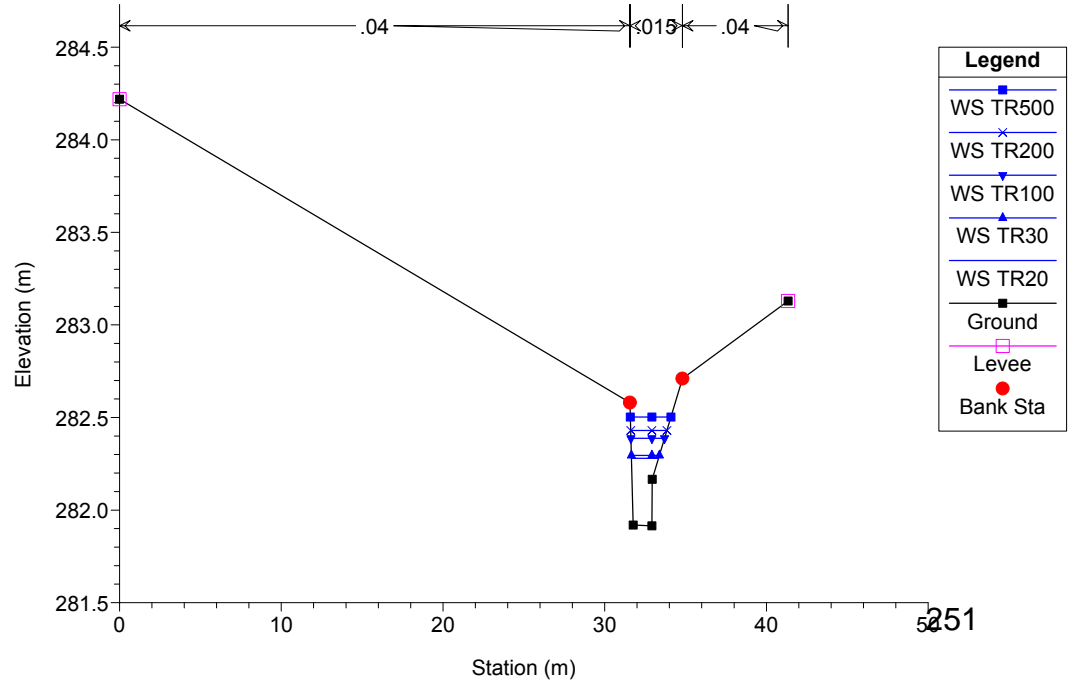
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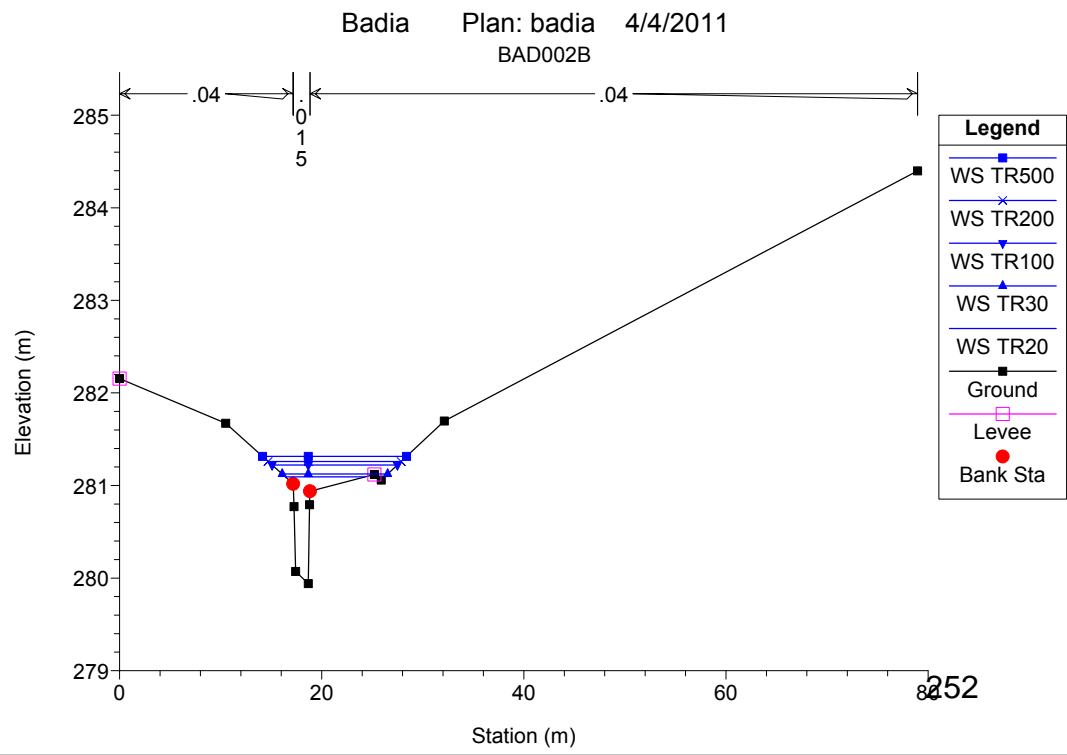
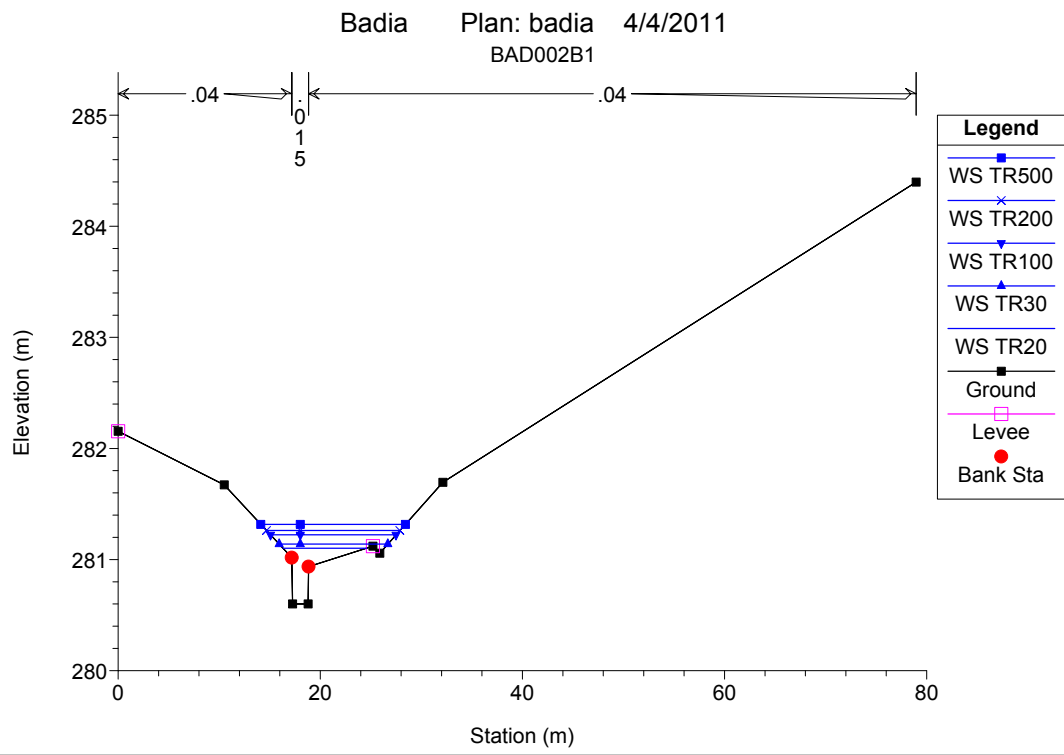
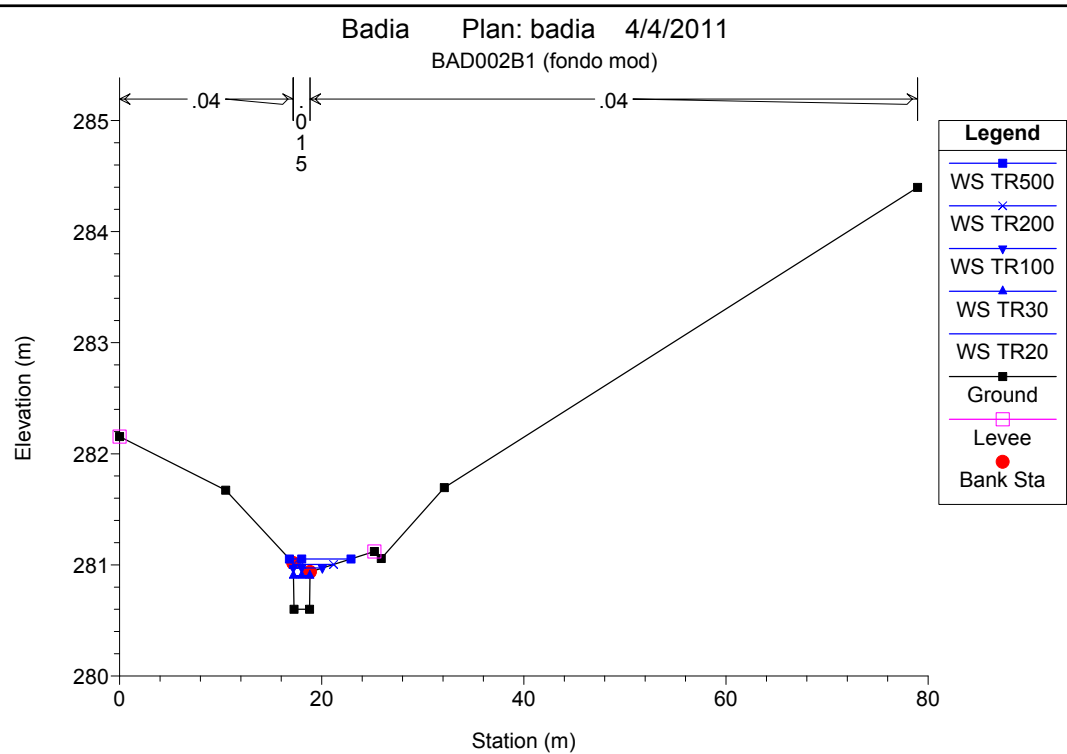
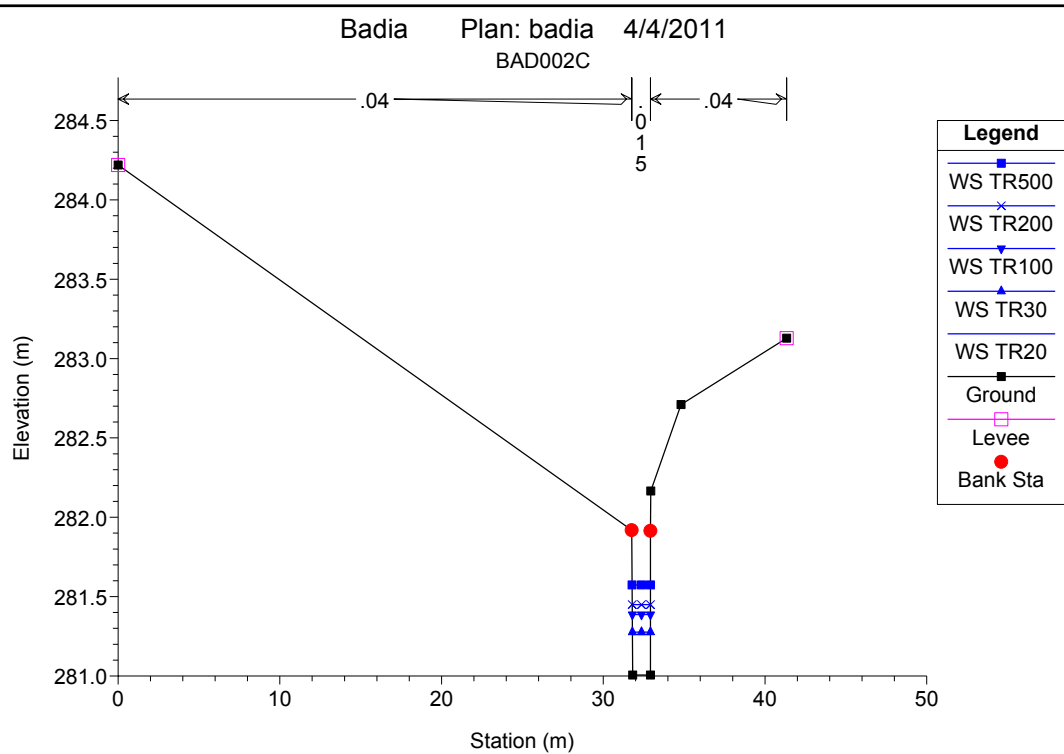


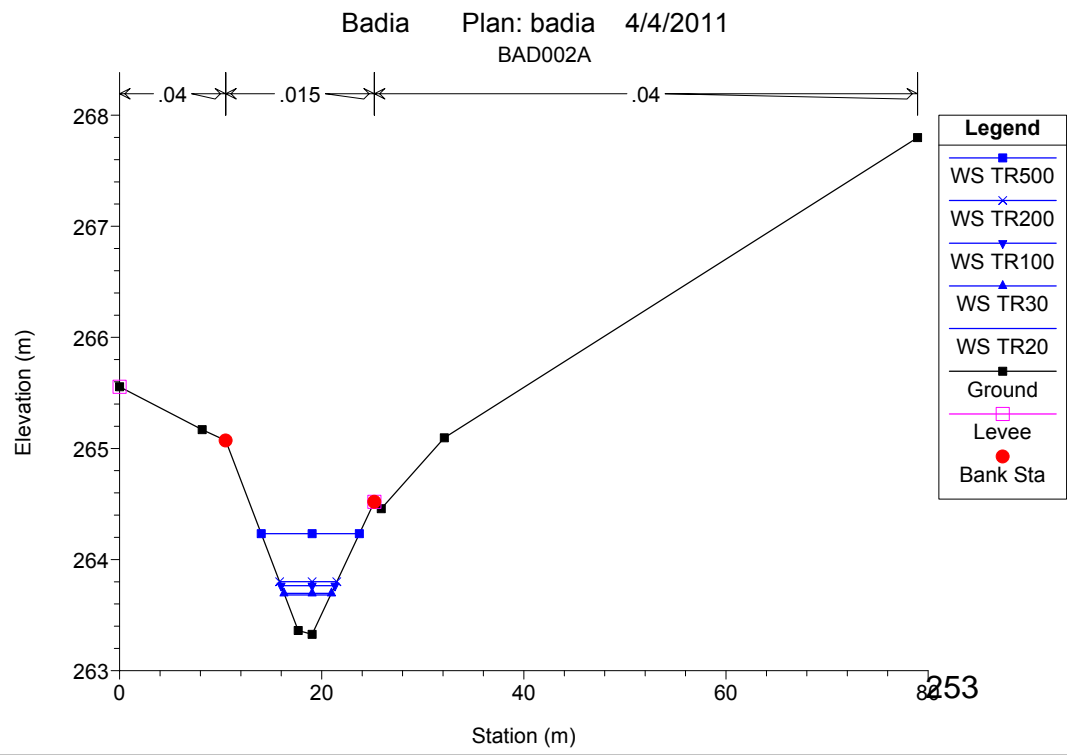
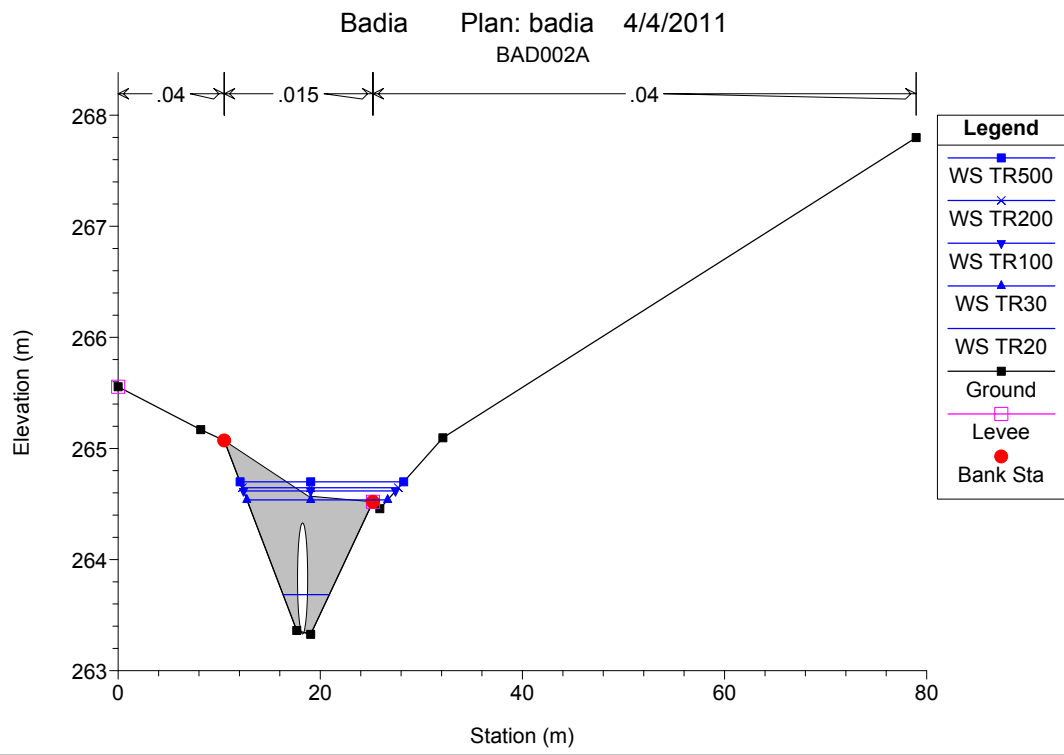
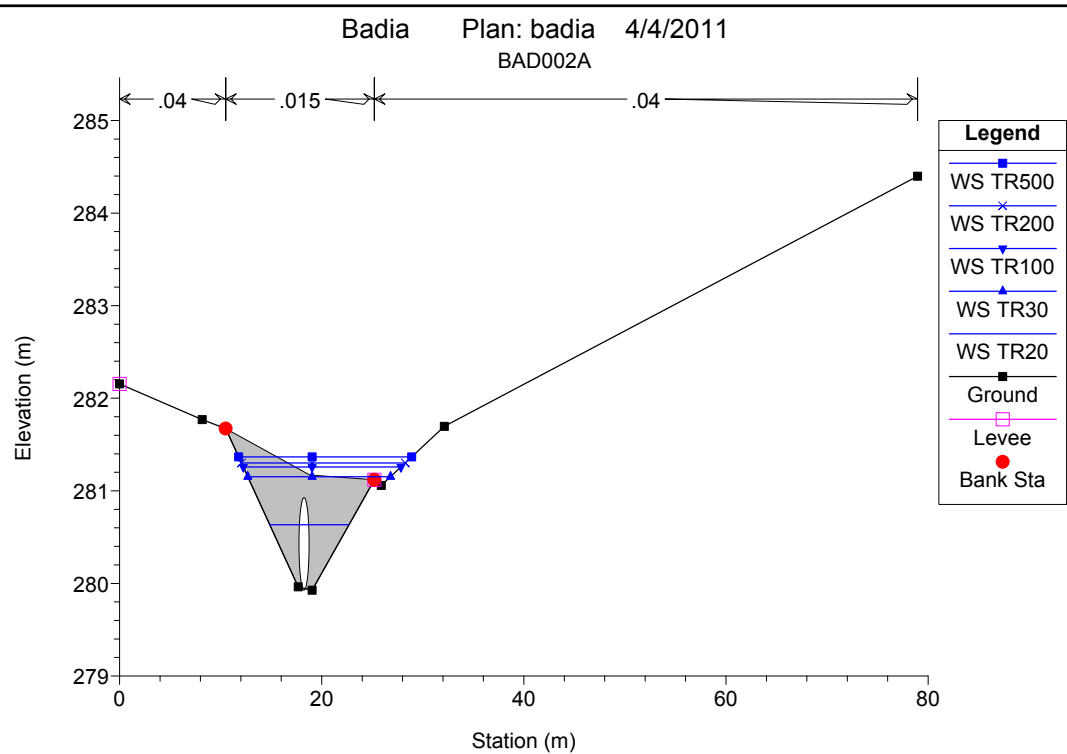
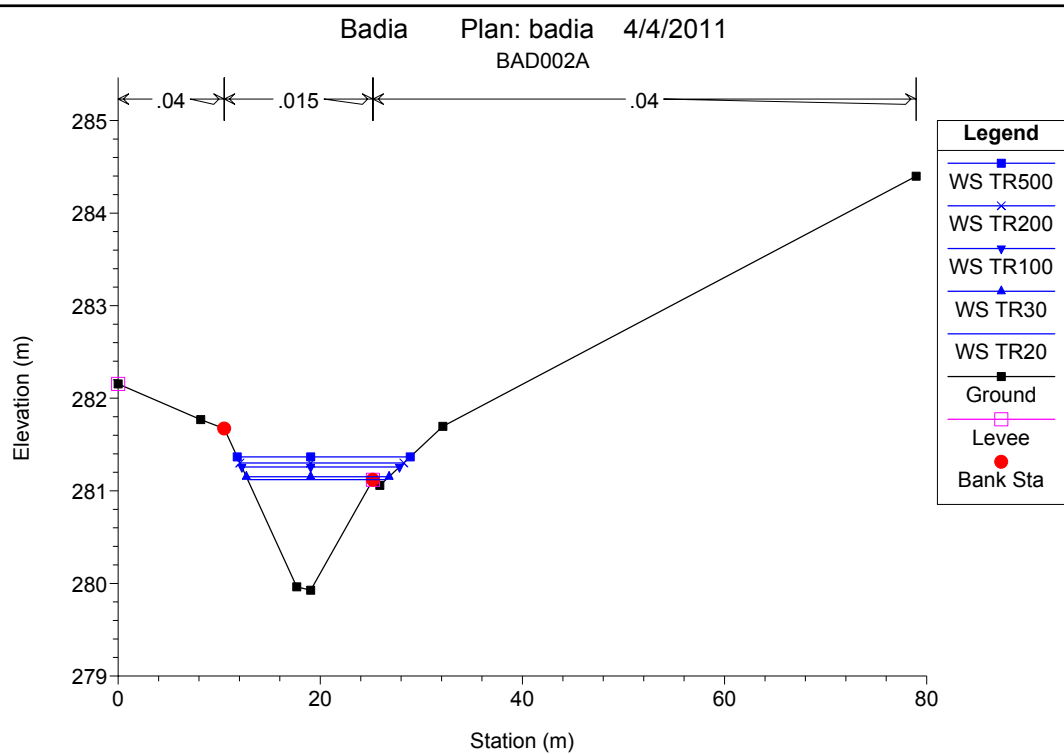
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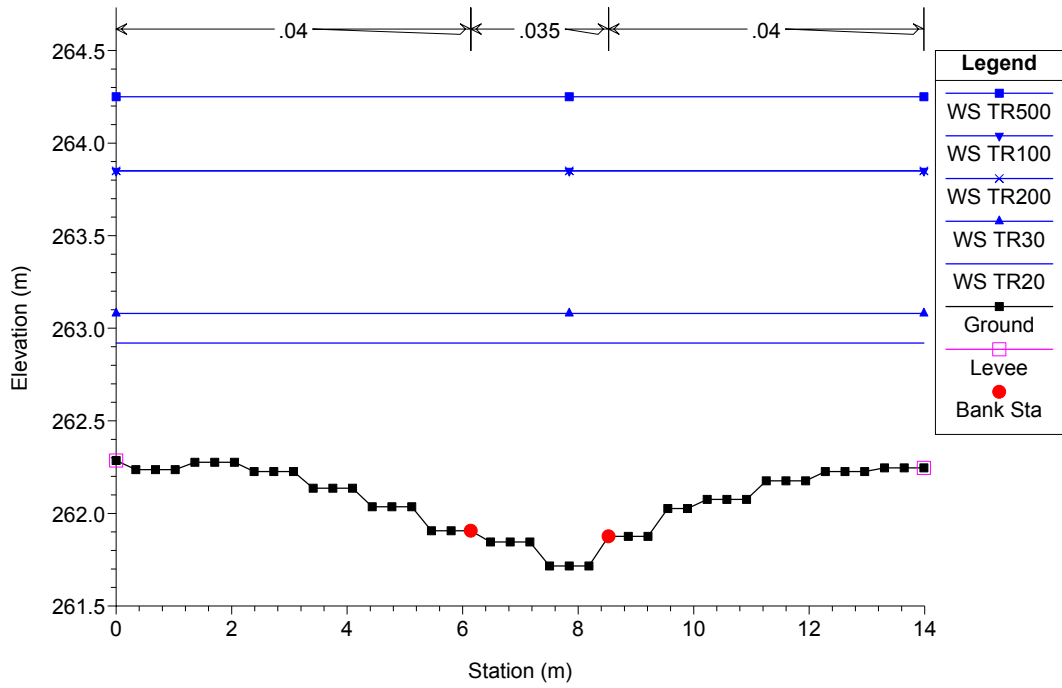


Badia Plan: badia 4/4/2011  
BAD002D











Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
f.Badia	8	TR20	1.50	303.17	303.50	303.57	303.72	0.033033	2.10	0.73	3.51	1.28
f.Badia	8	TR30	1.60	303.17	303.51	303.59	303.74	0.033034	2.15	0.77	3.71	1.29
f.Badia	8	TR100	2.30	303.17	303.57	303.68	303.87	0.033056	2.45	1.04	4.96	1.34
f.Badia	8	TR200	2.70	303.17	303.60	303.71	303.92	0.033059	2.59	1.19	5.56	1.35
f.Badia	8	TR500	3.50	303.17	303.65	303.78	304.02	0.033064	2.82	1.50	6.58	1.38
f.Badia	7	TR20	1.50	299.42	300.00	300.00	300.25	0.030165	2.22	0.67	1.38	1.01
f.Badia	7	TR30	1.60	299.42	300.02	300.03	300.28	0.030215	2.26	0.71	1.39	1.01
f.Badia	7	TR100	2.30	299.42	300.17	300.17	300.49	0.030728	2.50	0.92	1.44	1.00
f.Badia	7	TR200	2.70	299.42	300.25	300.25	300.60	0.031591	2.63	1.03	1.46	1.00
f.Badia	7	TR500	3.50	299.42	300.39	300.39	300.80	0.032445	2.82	1.24	1.51	1.00
f.Badia	6	TR20	1.50	296.75	297.21	297.28	297.49	0.036924	2.35	0.64	1.88	1.29
f.Badia	6	TR30	1.60	296.75	297.23	297.30	297.52	0.036911	2.40	0.67	1.91	1.29
f.Badia	6	TR100	2.30	296.75	297.32	297.42	297.68	0.037697	2.66	0.86	2.12	1.33
f.Badia	6	TR200	2.70	296.75	297.37	297.48	297.77	0.038004	2.78	0.97	2.22	1.34
f.Badia	6	TR500	3.50	296.75	297.45	297.58	297.92	0.039316	3.01	1.16	2.39	1.38
f.Badia	5.4	TR20	1.50	295.16	295.91	295.76	295.99	0.007543	1.28	1.17	2.75	0.62
f.Badia	5.4	TR30	1.60	295.16	295.94	295.78	296.02	0.006987	1.26	1.27	2.86	0.60
f.Badia	5.4	TR100	2.30	295.16	296.18	295.89	296.25	0.003951	1.12	2.05	3.56	0.47
f.Badia	5.4	TR200	2.70	295.16	296.34	295.95	296.39	0.003065	1.00	2.70	4.68	0.42
f.Badia	5.4	TR500	3.50	295.16	296.23	296.04	296.36	0.007491	1.58	2.22	3.73	0.65
f.Badia	5.3	TR20	1.50	295.12	295.93	295.63	295.95	0.001471	0.76	2.58	8.57	0.31
f.Badia	5.3	TR30	1.60	295.12	295.96	295.65	295.99	0.001297	0.74	2.90	9.23	0.29
f.Badia	5.3	TR100	2.30	295.12	296.21	295.77	296.22	0.000553	0.60	5.76	13.85	0.20
f.Badia	5.3	TR200	2.70	295.12	296.37	295.82	296.38	0.000333	0.52	8.16	16.76	0.16
f.Badia	5.3	TR500	3.50	295.12	296.29	295.90	296.31	0.000825	0.77	6.94	15.35	0.25
f.Badia	5.25		Bridge									
f.Badia	5.2	TR20	1.50	295.12	295.63	295.63	295.79	0.018773	1.78	0.85	3.00	0.98
f.Badia	5.2	TR30	1.60	295.12	295.65	295.65	295.81	0.017553	1.78	0.91	3.36	0.96
f.Badia	5.2	TR100	2.30	295.12	295.77	295.77	295.93	0.012196	1.81	1.45	5.60	0.84
f.Badia	5.2	TR200	2.70	295.12	295.82	295.82	295.98	0.011255	1.85	1.74	6.50	0.82
f.Badia	5.2	TR500	3.50	295.12	295.85	295.90	296.07	0.013984	2.16	2.00	7.20	0.92
f.Badia	5	TR20	1.50	291.02	291.26	291.75	295.10	1.227842	8.68	0.17	0.80	5.95
f.Badia	5	TR30	1.60	291.02	291.27	291.78	295.13	1.173796	8.71	0.18	0.80	5.80
f.Badia	5	TR100	2.30	291.02	291.37	291.97	295.33	0.915945	8.82	0.26	0.82	4.99
f.Badia	5	TR200	2.70	291.02	291.42	292.08	295.40	0.820644	8.84	0.31	0.83	4.64
f.Badia	5	TR500	3.50	291.02	291.53	292.27	295.46	0.682150	8.78	0.40	0.85	4.09
f.Badia	4	TR20	1.50	289.51	289.89	289.92	289.99	0.068102	1.45	1.07	12.81	1.55
f.Badia	4	TR30	1.60	289.51	289.89	289.92	290.00	0.067412	1.48	1.12	12.87	1.56
f.Badia	4	TR100	2.30	289.51	289.91	289.95	290.05	0.062944	1.67	1.44	13.32	1.56
f.Badia	4	TR200	2.70	289.51	289.93	289.97	290.08	0.060168	1.76	1.61	13.56	1.55
f.Badia	4	TR500	3.50	289.51	289.95	290.00	290.13	0.056915	1.91	1.94	13.99	1.55
f.Badia	3	TR20	1.50	282.77	283.19	283.37	283.77	0.098570	3.39	0.44	1.62	2.07
f.Badia	3	TR30	1.60	282.77	283.20	283.39	283.81	0.098343	3.44	0.46	1.65	2.07
f.Badia	3	TR100	2.30	282.77	283.29	283.51	284.01	0.096891	3.77	0.61	1.85	2.09
f.Badia	3	TR200	2.70	282.77	283.33	283.57	284.11	0.096048	3.92	0.69	1.94	2.10
f.Badia	3	TR500	3.50	282.77	283.40	283.68	284.29	0.094767	4.17	0.84	2.12	2.12
f.Badia	2.4	TR20	1.50	281.92	282.28	282.45	282.81	0.018481	3.22	0.47	1.67	1.95
f.Badia	2.4	TR30	1.60	281.92	282.30	282.47	282.83	0.018246	3.25	0.49	1.73	1.95
f.Badia	2.4	TR100	2.30	281.92	282.39	282.58	282.99	0.017151	3.45	0.67	2.08	1.94
f.Badia	2.4	TR200	2.70	281.92	282.43	282.65	283.08	0.016947	3.56	0.76	2.24	1.95
f.Badia	2.4	TR500	3.50	281.92	282.50	282.75	283.22	0.016637	3.76	0.93	2.51	1.97
f.Badia	2.3	TR20	1.50	281.01	281.26	281.58	282.71	0.065184	5.33	0.28	1.11	3.38
f.Badia	2.3	TR30	1.60	281.01	281.28	281.60	282.73	0.062137	5.35	0.30	1.11	3.29
f.Badia	2.3	TR100	2.30	281.01	281.39	281.77	282.89	0.047948	5.44	0.42	1.12	2.83
f.Badia	2.3	TR200	2.70	281.01	281.45	281.85	282.98	0.043303	5.48	0.49	1.13	2.64
f.Badia	2.3	TR500	3.50	281.01	281.57	282.14	283.13	0.036901	5.53	0.63	1.13	2.36
f.Badia	2.2	TR20	1.50	280.60	280.89	281.10	281.43	0.018143	3.24	0.46	1.63	1.94
f.Badia	2.2	TR30	1.60	280.60	280.90	281.14	281.47	0.018457	3.33	0.48	1.63	1.96
f.Badia	2.2	TR100	2.30	280.60	280.97	281.22	281.73	0.019873	3.86	0.62	2.88	2.05
f.Badia	2.2	TR200	2.70	280.60	281.00	281.25	281.86	0.020661	4.13	0.73	3.99	2.11
f.Badia	2.2	TR500	3.50	280.60	281.05	281.31	282.10	0.022174	4.61	0.97	6.09	2.22
f.Badia	2.15		Inl Struct									
f.Badia	2.1	TR20	1.50	279.94	281.09	280.52	281.13	0.000493	0.92	2.04	7.84	0.30
f.Badia	2.1	TR30	1.60	279.94	281.12	280.54	281.17	0.000487	0.93	2.35	10.44	0.30

Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
f.Badia	2.1	TR100	2.30	279.94	281.22	280.68	281.28	0.000611	1.11	3.46	12.39	0.34
f.Badia	2.1	TR200	2.70	279.94	281.26	280.75	281.32	0.000690	1.21	3.95	13.16	0.36
f.Badia	2.1	TR500	3.50	279.94	281.31	280.89	281.39	0.000878	1.41	4.70	14.25	0.41
f.Badia	2	TR20	1.50	279.93	281.12	280.28	281.12	0.000014	0.18	8.16	13.69	0.07
f.Badia	2	TR30	1.60	279.93	281.15	280.30	281.15	0.000014	0.19	8.60	14.13	0.07
f.Badia	2	TR100	2.30	279.93	281.26	280.36	281.26	0.000018	0.23	10.17	15.60	0.09
f.Badia	2	TR200	2.70	279.93	281.30	280.40	281.30	0.000021	0.26	10.85	16.21	0.09
f.Badia	2	TR500	3.50	279.93	281.37	280.46	281.37	0.000028	0.31	11.95	17.13	0.11
f.Badia	1.5		Culvert									
f.Badia	1.1	TR20	1.50	263.33	263.68	263.68	263.80	0.003857	1.50	1.00	4.55	1.02
f.Badia	1.1	TR30	1.60	263.33	263.70	263.70	263.81	0.003641	1.49	1.07	4.69	0.99
f.Badia	1.1	TR100	2.30	263.33	263.76	263.76	263.90	0.003548	1.62	1.42	5.33	1.01
f.Badia	1.1	TR200	2.70	263.33	263.80	263.80	263.94	0.003449	1.67	1.61	5.66	1.00
f.Badia	1.1	TR500	3.50	263.33	264.23	263.86	264.26	0.000286	0.71	4.94	9.71	0.32
f.Badia	0.5	TR20	1.50	261.72	262.92	262.11	262.92	0.000033	0.17	11.84	13.99	0.05
f.Badia	0.5	TR30	1.60	261.72	263.08	262.12	263.08	0.000022	0.15	14.08	13.99	0.04
f.Badia	0.5	TR100	2.30	261.72	263.85	262.16	263.85	0.000008	0.13	24.85	13.99	0.03
f.Badia	0.5	TR200	2.70	261.72	263.85	262.22	263.85	0.000011	0.15	24.85	13.99	0.03
f.Badia	0.5	TR500	3.50	261.72	264.25	262.23	264.25	0.000010	0.16	30.44	13.99	0.03