

Comune Capraia e Limite Comune Cerreto Guidi Comune Empoli Comune Montelupo F.no Comune Vinci



PIANO STRUTTURALE INTERCOMUNALE

DOC.QI.001d

Allegati di modellazione idraulica – Vinci

Vinci

Luglio 2023

Brenda Barnini

Sindaco Comune di Empoli

Paolo Masetti

Sindaco Comune di Montelupo Fiorentino

Giuseppe Torchia

Sindaco Comune di Vinci

Simona Rosetti

Sindaco Comune di Cerreto Guidi

Alessandro Giunti

Sindaco Comune di Capraia e Limite

UFFICIO DI PIANO

Riccardo Manetti

Responsabile del Procedimento

Romina Falaschi

Garante dell'informazione e della partecipazione

COMUNE DI EMPOLI

Alessandro Annunziati

Valentina Acquasana

Martina Gracci

Monica Salvadori

COMUNE DI MONTELUPO FIORENTINO

Elena Corsinovi

COMUNE DI VINCI

Claudia Peruzzi

Rosanna Spinelli

COMUNE DI CERRETO GUIDI

Lorenzo Ricciarelli

Viola Fabbrizzi

COMUNE DI CAPRAIA E LIMITE

Roberto Montagni

Alessio Sabatini

GRUPPO DI LAVORO

Giovanni Parlanti

Capogruppo Progettista

Gabriele Banchetti

Responsabile VAS

Carlo Santacroce

Collaborazione al Progetto

Geo Eco Progetti

Geoprogetti Studio Associato

Studi Geologici

H.S. Ingegneria s.r.l.

Studi Idraulici

PFM srl società tra professionisti

NEMO Nature and Environment Management Operators s.r.l.

Studi Ambientali, Agronomici e Forestali

Alessandro Daraio

Studi Economici e Demografici

Emanuele Bechelli

Giulia Mancini

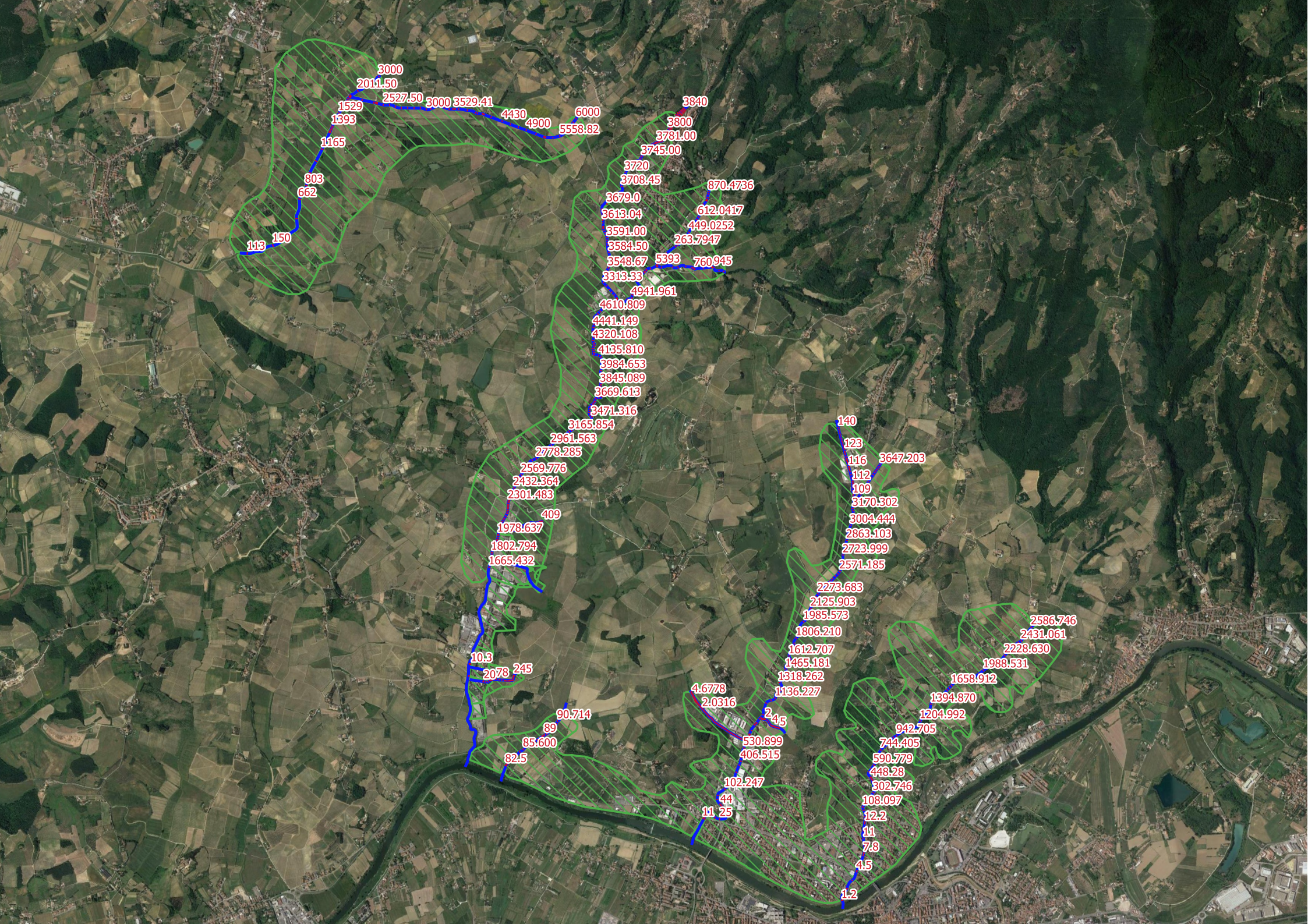
Chiara Balducci

Collaborazione e Elaborazione grafica e GIS

SOCIOLAB

Percorso Partecipativo

Planimetria modellazione idraulica Vinci	2
Planimetrie delle scabrezze 2D	3
Fosso BV4895-Profilo	4
Fosso BV4895-Sezioni	5
Fosso BV4895-Tabelle	28
Fosso BV5054-Profili	30
Fosso BV5054-Sezioni	32
Fosso BV5054-Tabelle	43
Fosso BV5480-Profilo	47
Fosso BV5480-Sezioni	48
Fosso BV5480-Tabelle	72
Fosso BV5587-Profilo	83
Fosso BV5587-Sezioni	84
Fosso BV5587-Tabelle	91
Rio dei Morticini-Profilo	94
Rio dei Morticini-Sezioni	95
Rio dei Morticini-Tabelle	115
Rio della valle Marcarro-Profilo	124
Rio della valle Marcarro-Sezioni	125
Rio della valle Marcarro-Tabelle	131
Rio di S'Ansano e affluenti-Profili	134
Rio di S'Ansano e affluenti-Sezioni	136
Rio di S'Ansano e affluenti-Tabelle	172
Torrente Streda e affluenti-Profili	185
Torrente Streda e affluenti-Sezioni	189
Torrente Streda e affluenti-Tabelle	243
Torrente Vincio e affluenti-Profili	266
Torrente Vincio e affluenti-Sezioni	268
Torrente Vincio e affluenti-Tabelle	284



3000
2011.50
1529
1393
1165
803
662
113
150

3000 3529.41 4430 4900 6000 5558.82
3840
3800
3781.00
3745.00
3720
3708.45
870.4736
3679.0
3613.04
3591.00
3584.50
3548.67
5393
760.945
3313.33
4941.961
4610.809
4441.149
4320.108
4135.810
3984.653
3845.089
3669.613

3471.316
3165.854
2961.563
2778.285
2569.776
2432.364
2301.483
409
1978.637
1802.794
1665.432

140
123
116
112
109
3647.203
3170.302
3004.444
2863.103
2723.999
2571.185

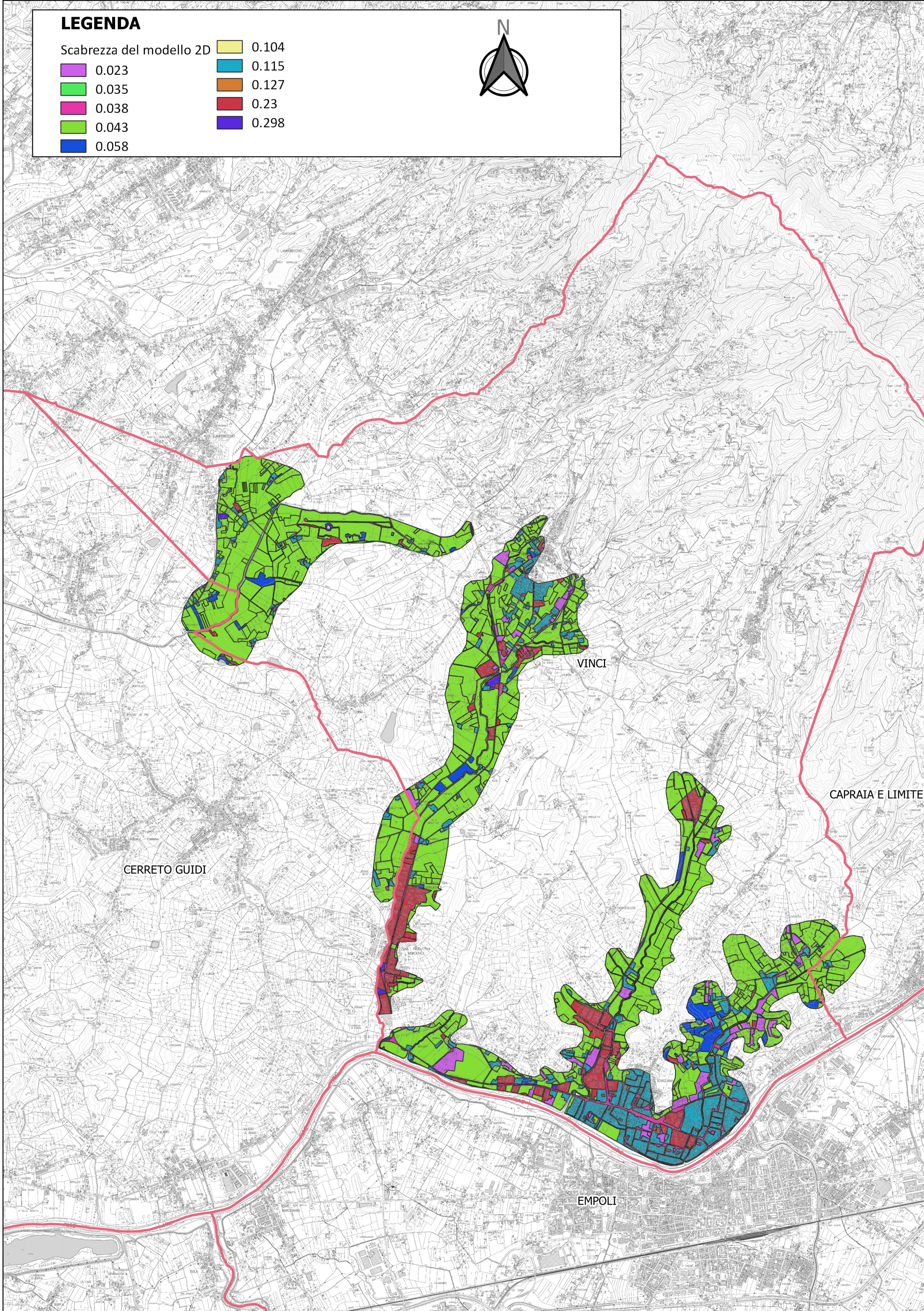
10.3
2078
245
90.714
89
85.600
82.5

2273.683
2125.903
1985.573
1806.210
1612.707
1465.181
1318.262
1136.227
4.6778
2.0316
2.45
530.899
406.515
102.247
44
11
25
1.2

2586.746
2431.061
2228.630
1988.531
1658.912
1394.870
1204.992
942.705
744.405
590.779
448.28
302.746
108.097
12.2
11
7.8
4.5

LEGENDA

Scabrezza del modello 2D	
0.104	0.115
0.023	0.127
0.035	0.23
0.038	0.298
0.043	
0.058	



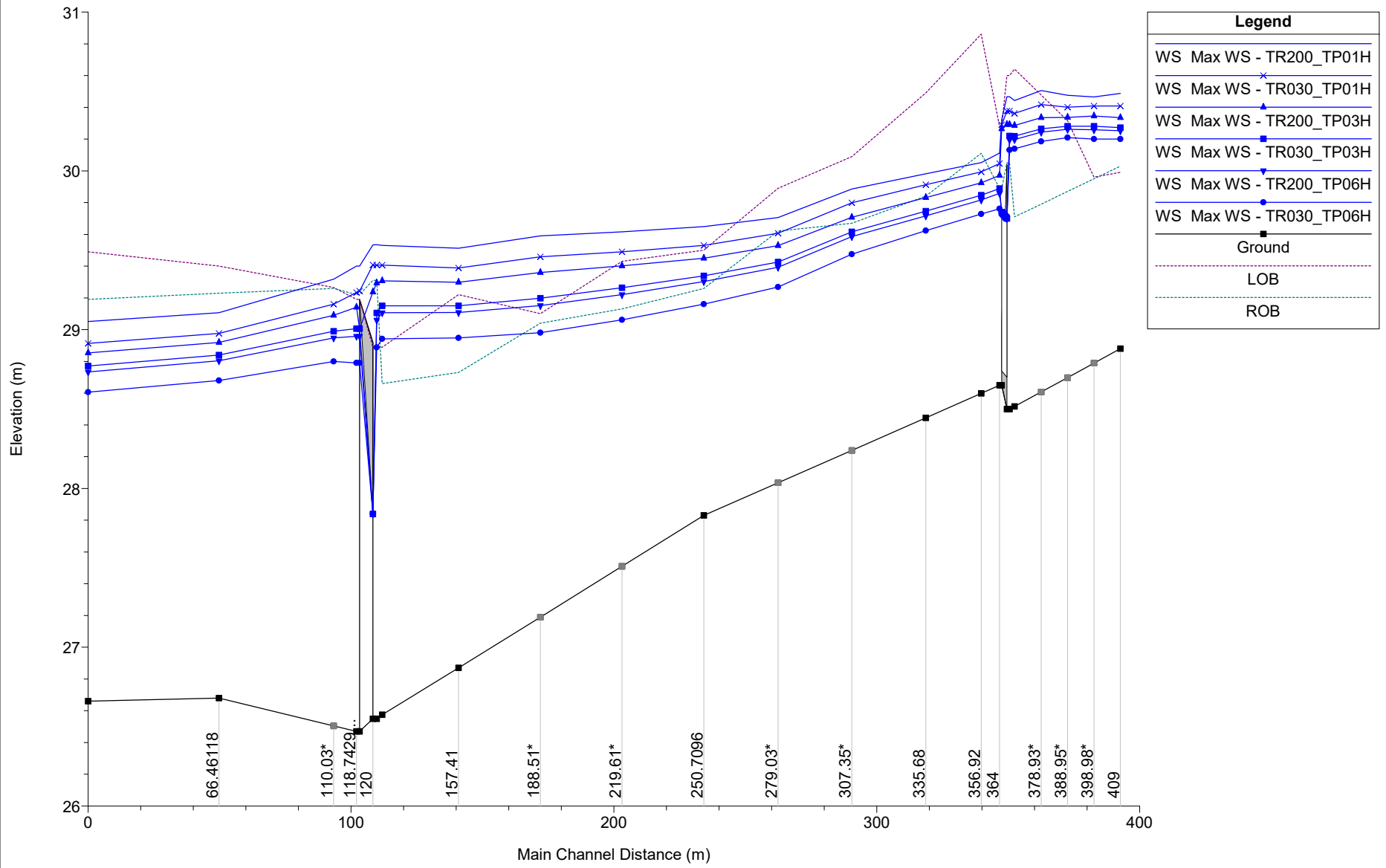
CERRETO GUIDI

VINCI

CAPRAIA E LIMITE

EMPOLI

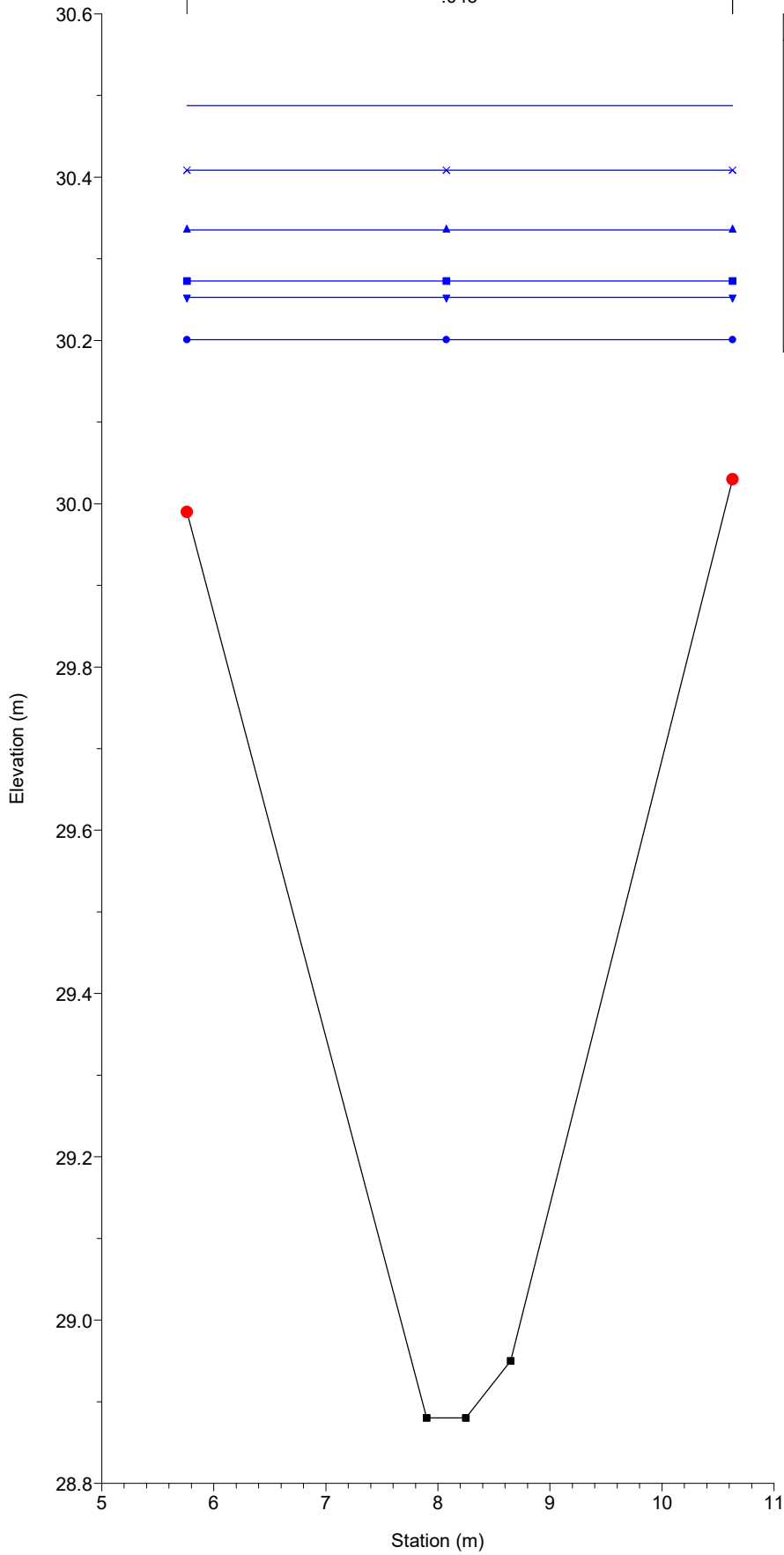
Geom: BV4895



Geom: BV4895

River = BV4895 Reach = BV4895 RS = 409

← .045 →

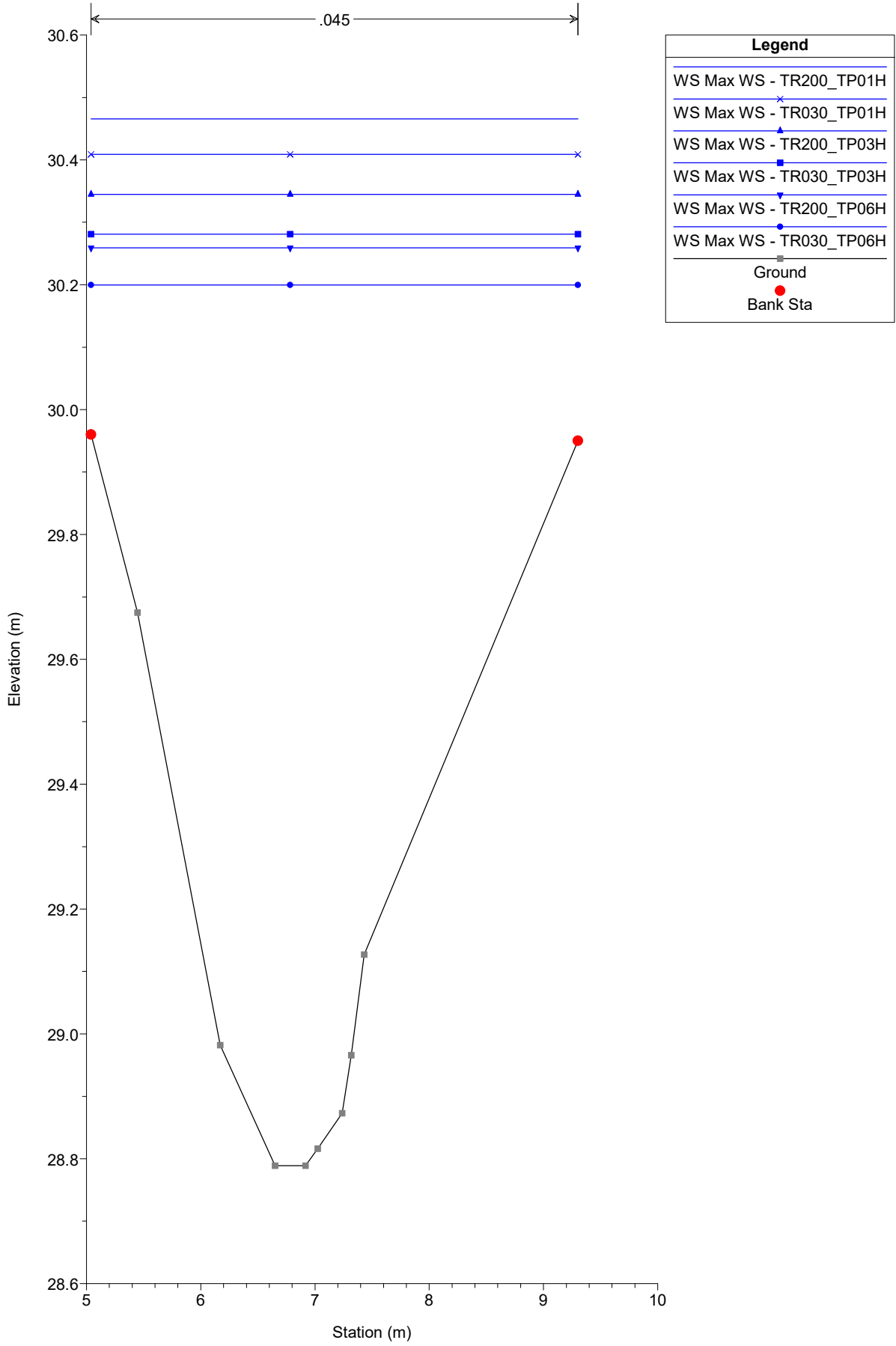


Legend

- WS Max WS - TR200_TP01H
- WS Max WS - TR030_TP01H
- WS Max WS - TR200_TP03H
- WS Max WS - TR030_TP03H
- WS Max WS - TR200_TP06H
- WS Max WS - TR030_TP06H
- Ground
- Bank Sta

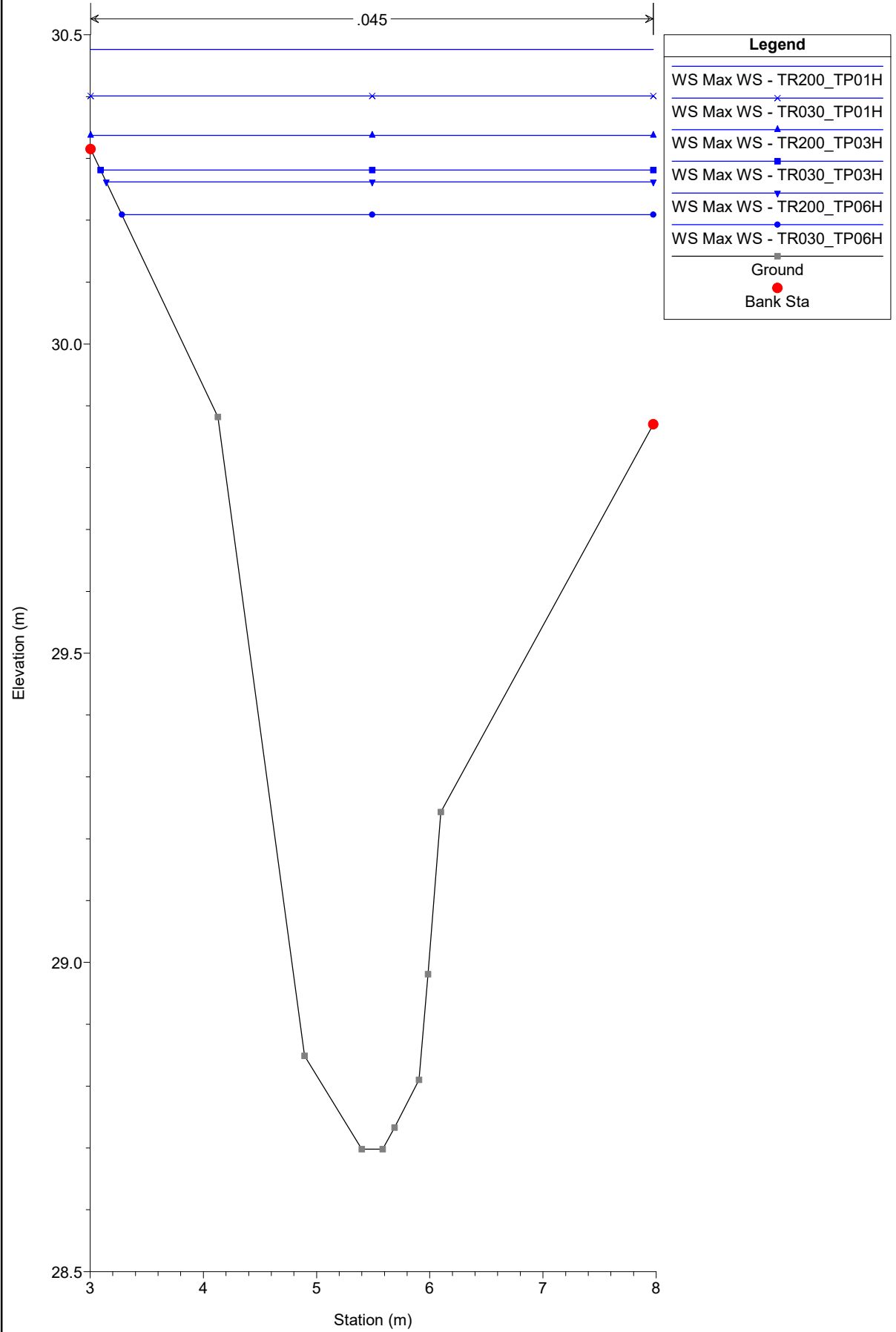
Geom: BV4895

River = BV4895 Reach = BV4895 RS = 398.98*



Geom: BV4895

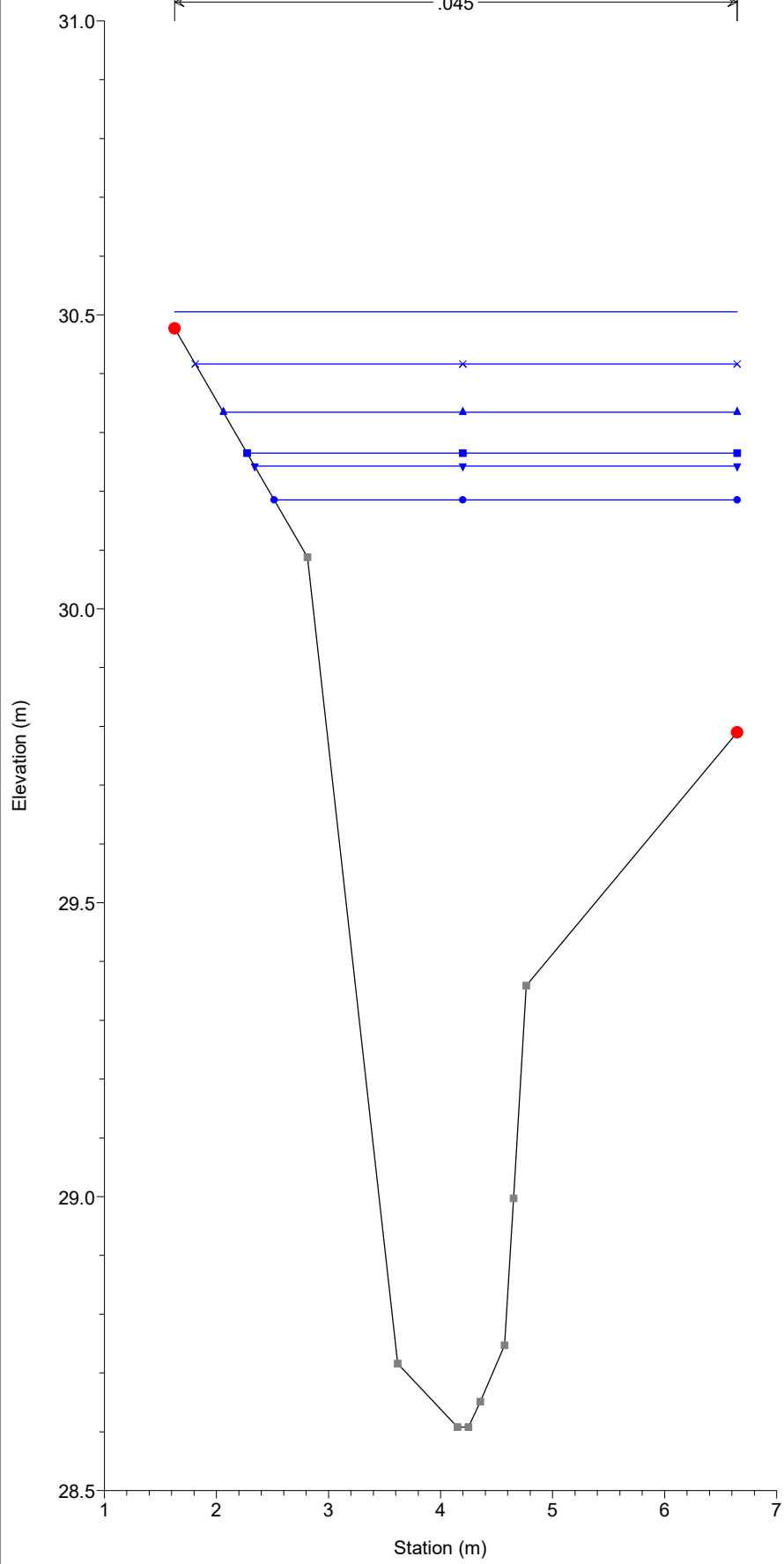
River = BV4895 Reach = BV4895 RS = 388.95*



Geom: BV4895

River = BV4895 Reach = BV4895 RS = 378.93*

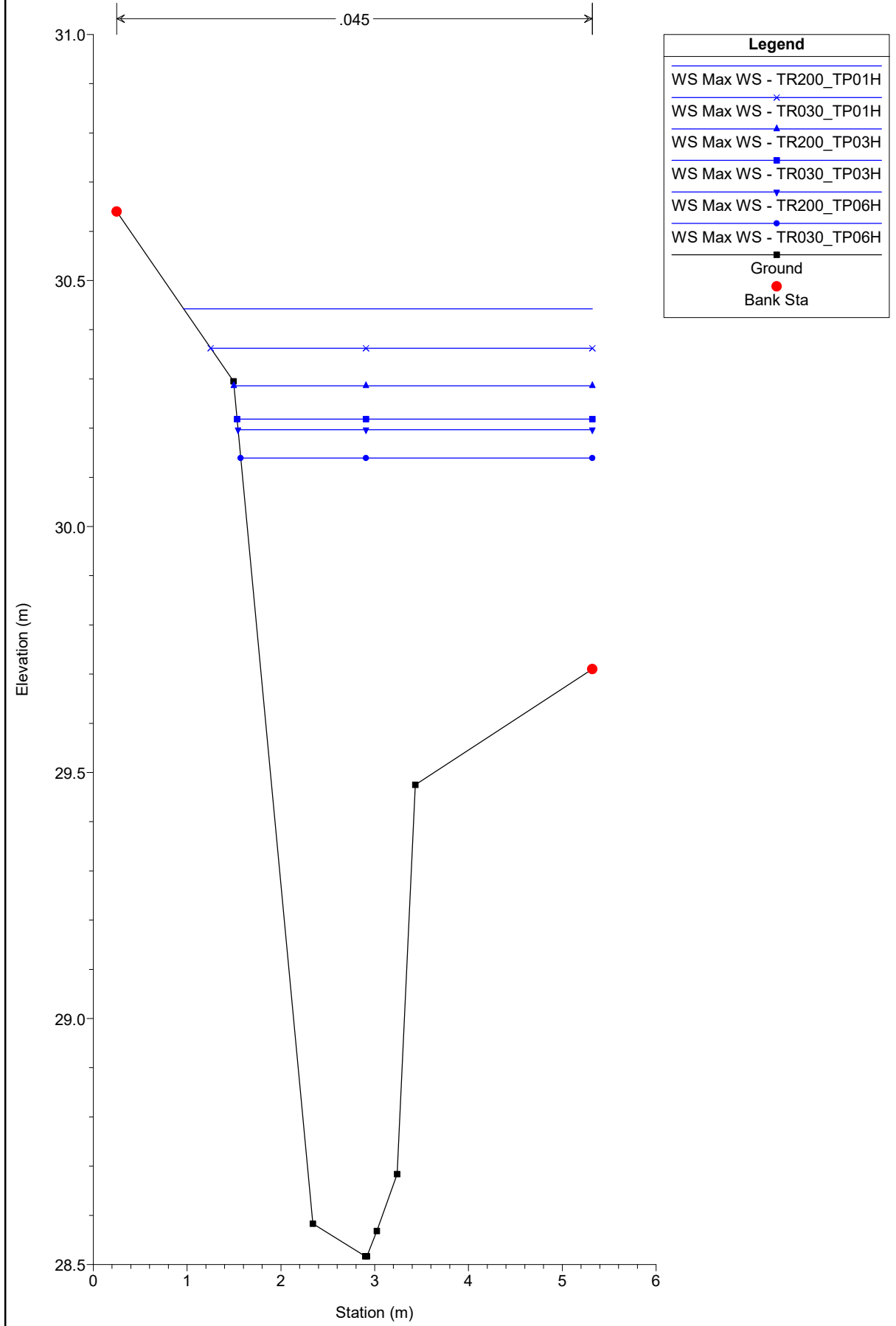
← .045 →



Legend	
WS Max WS - TR200_TP01H	x
WS Max WS - TR030_TP01H	▲
WS Max WS - TR200_TP03H	▼
WS Max WS - TR030_TP03H	■
WS Max WS - TR200_TP06H	▾
WS Max WS - TR030_TP06H	●
Ground	■
Bank Sta	●

Geom: BV4895

River = BV4895 Reach = BV4895 RS = 368.90

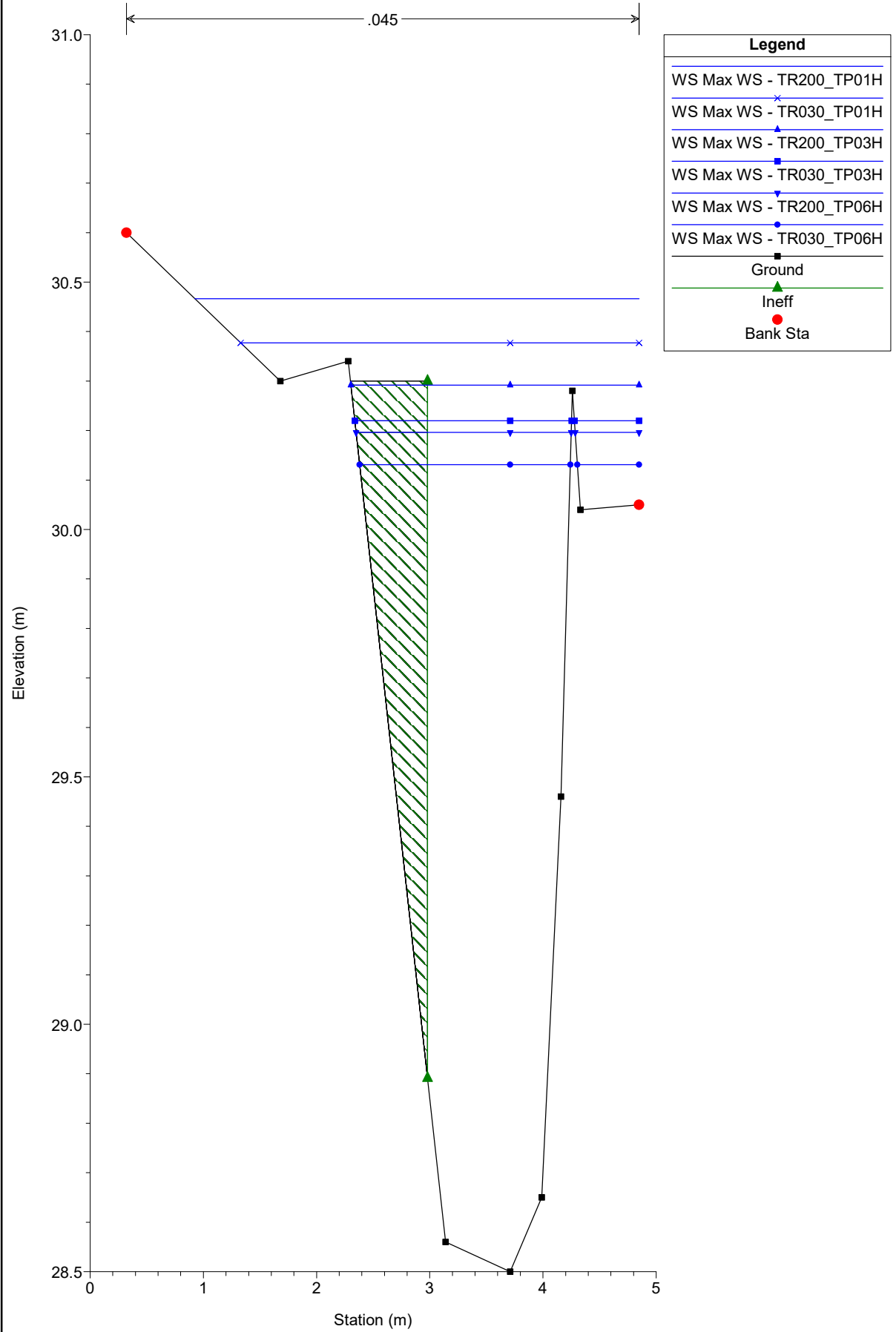


Legend

- WS Max WS - TR200_TP01H (x)
- WS Max WS - TR030_TP01H (▲)
- WS Max WS - TR200_TP03H (■)
- WS Max WS - TR030_TP03H (▼)
- WS Max WS - TR200_TP06H (●)
- WS Max WS - TR030_TP06H (■)
- Ground (solid line)
- Bank Sta (red dot)

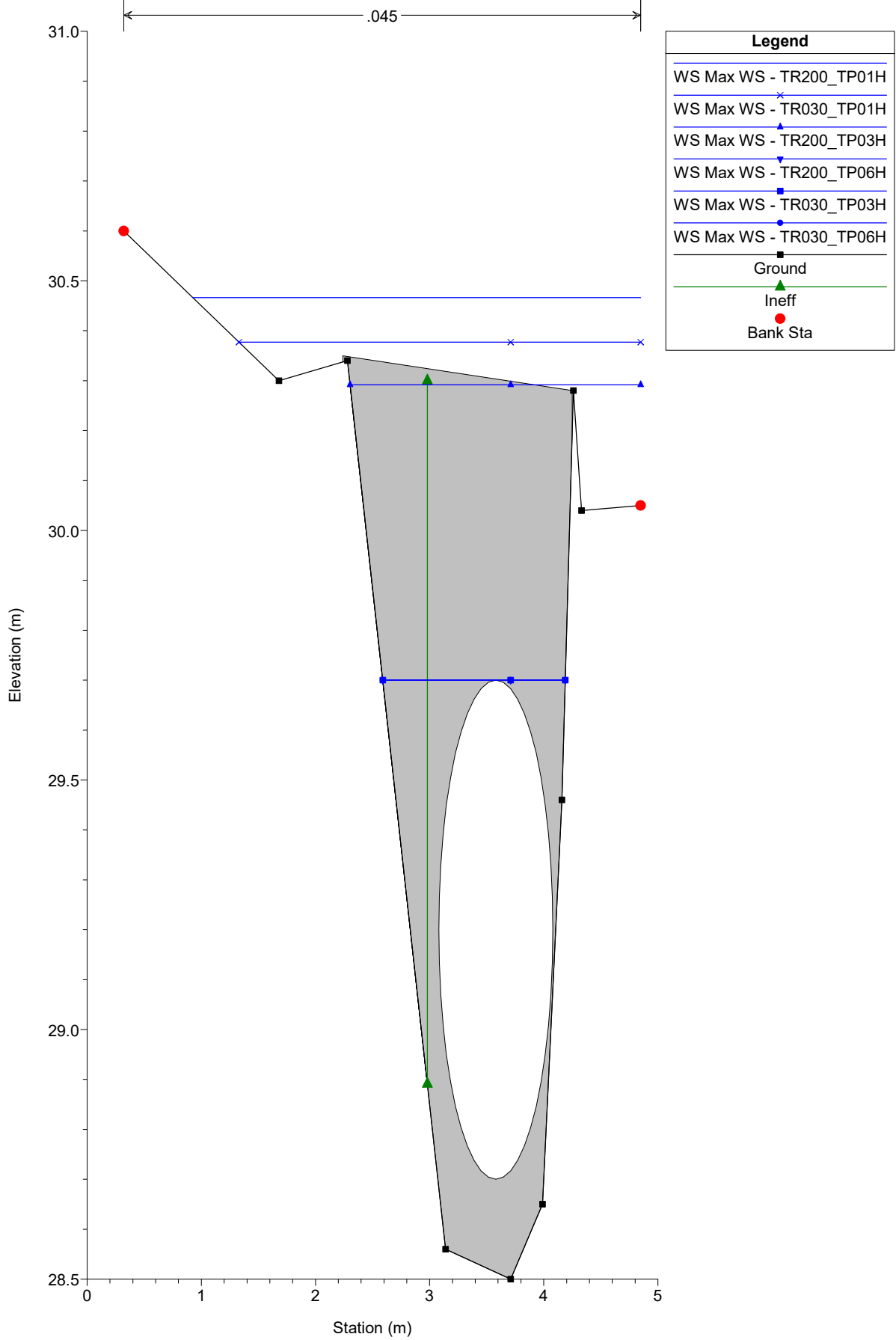
Geom: BV4895

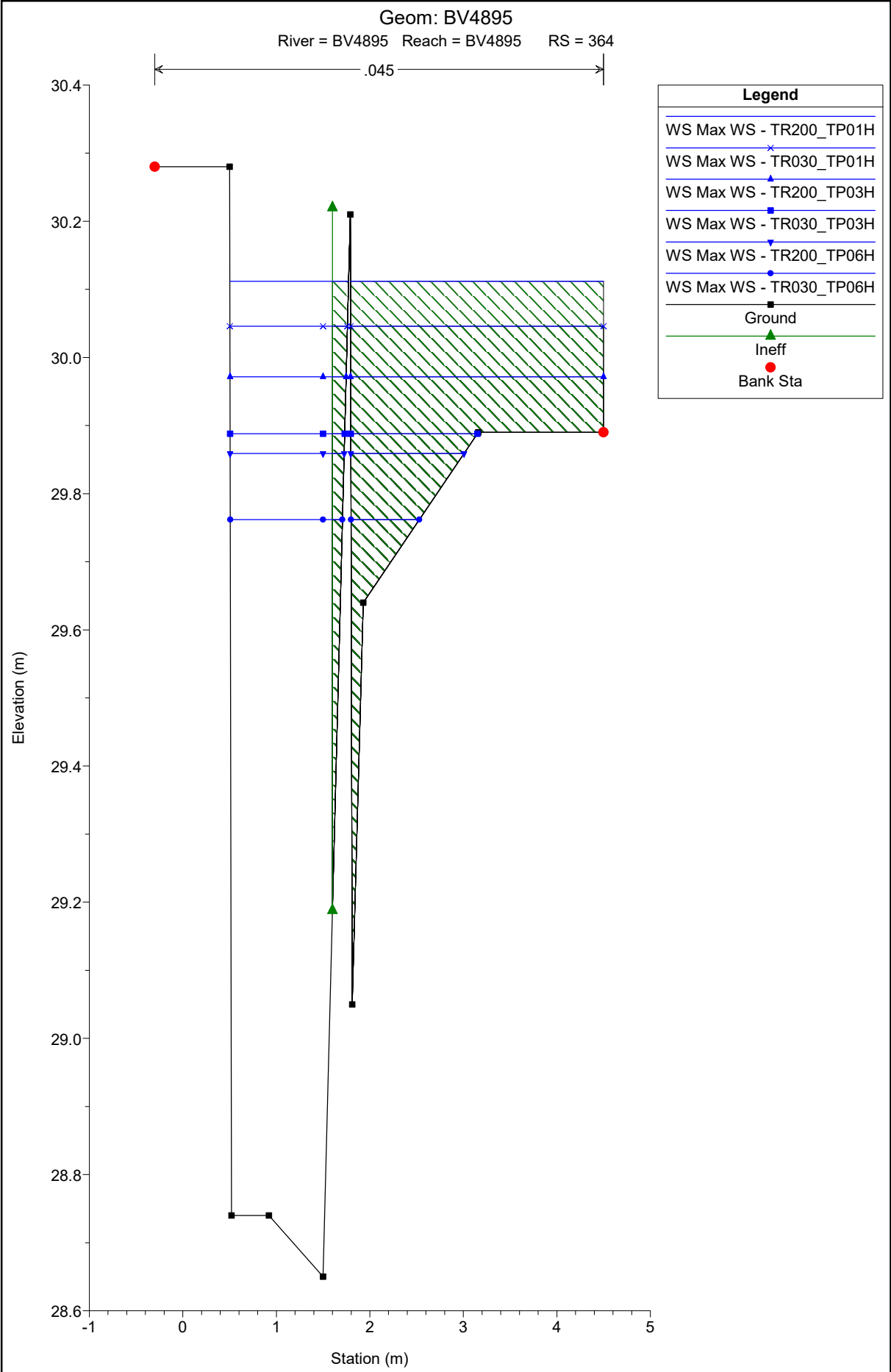
River = BV4895 Reach = BV4895 RS = 366.9875



Geom: BV4895

River = BV4895 Reach = BV4895 RS = 365 Culv

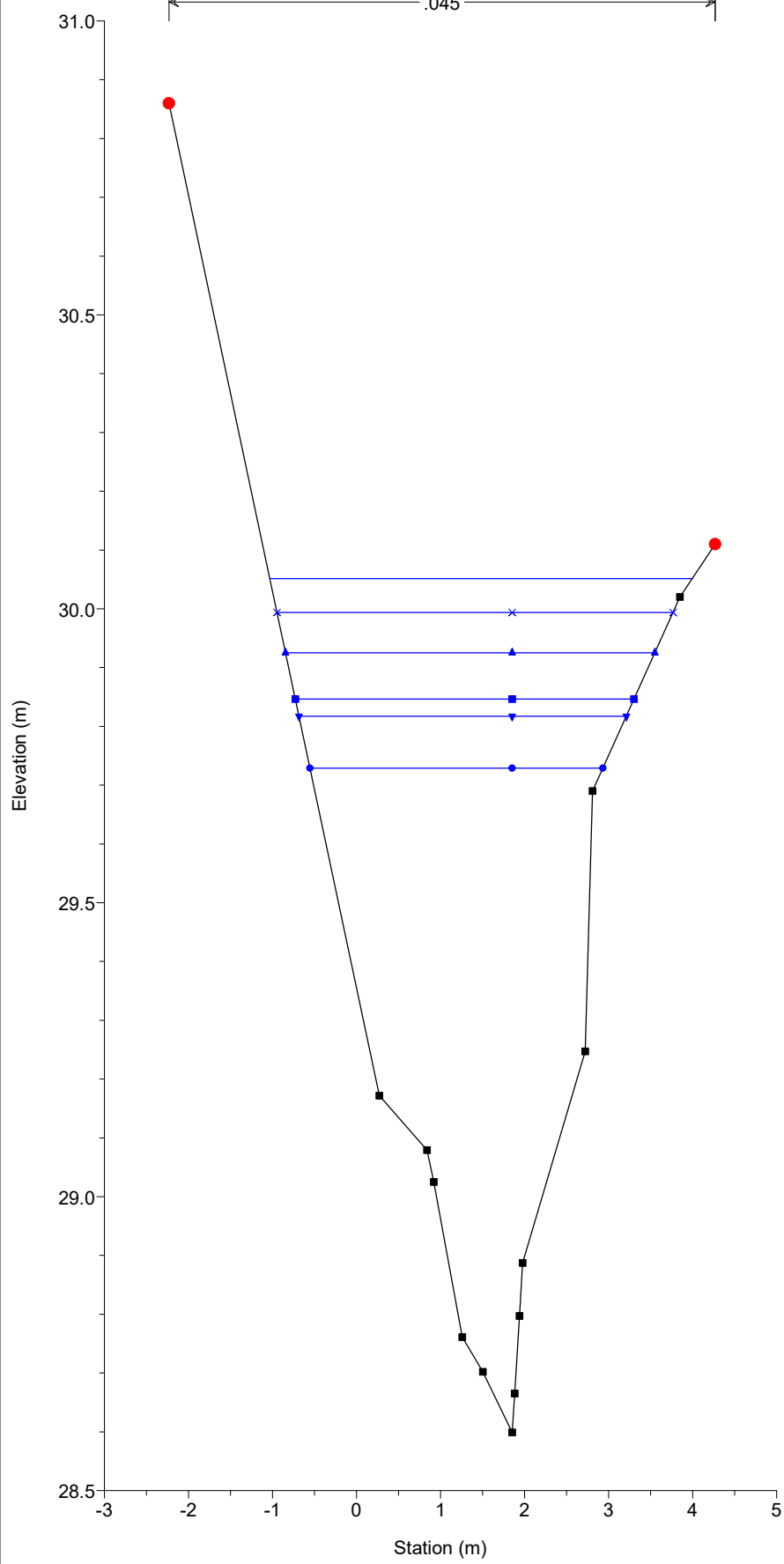




Geom: BV4895

River = BV4895 Reach = BV4895 RS = 356.92

← .045 →

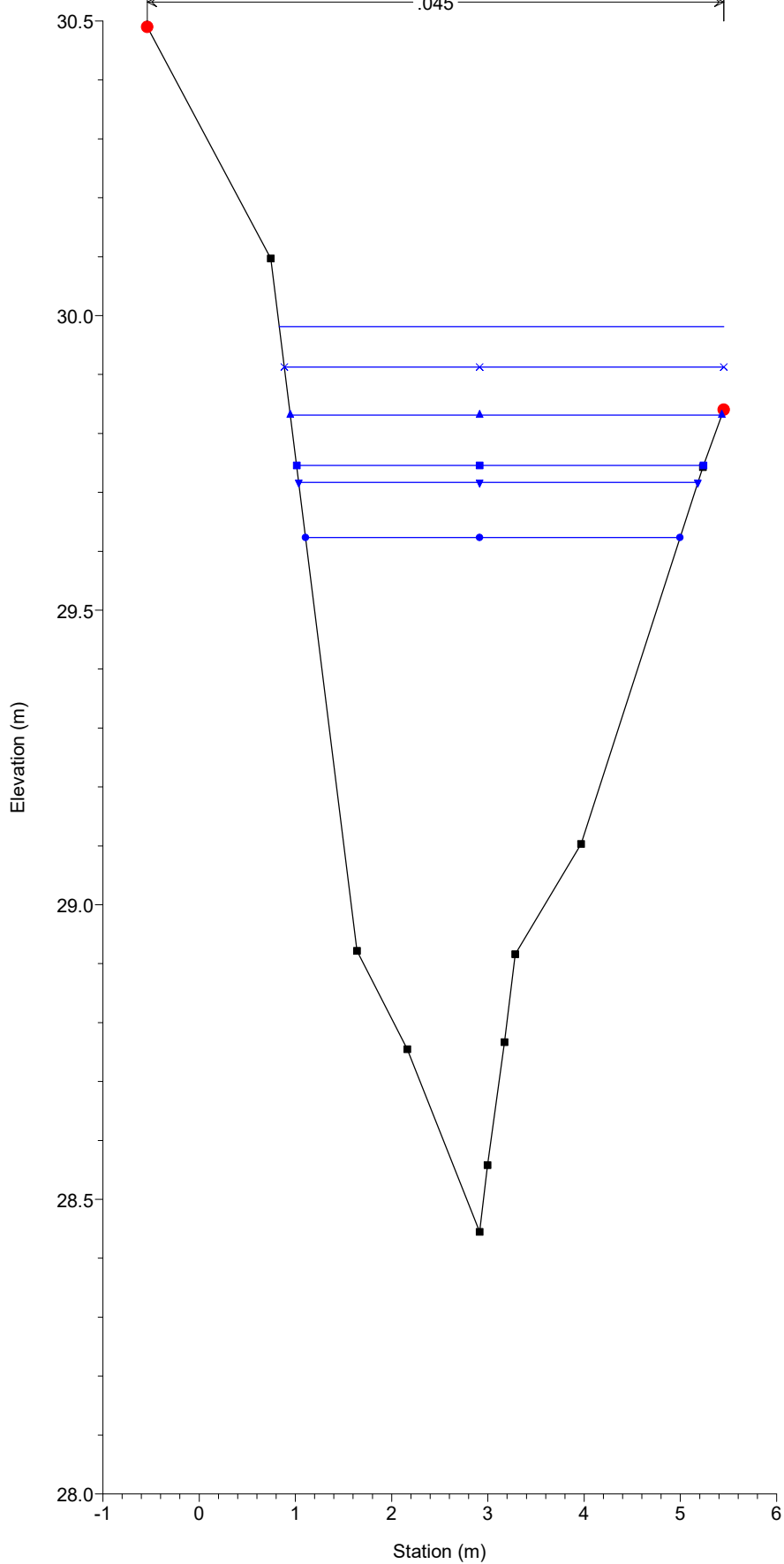


Legend	
WS Max WS - TR200_TP01H	x
WS Max WS - TR030_TP01H	^
WS Max WS - TR200_TP03H	■
WS Max WS - TR030_TP03H	v
WS Max WS - TR200_TP06H	●
WS Max WS - TR030_TP06H	■
Ground	■
Bank Sta	●

Geom: BV4895

River = BV4895 Reach = BV4895 RS = 335.68

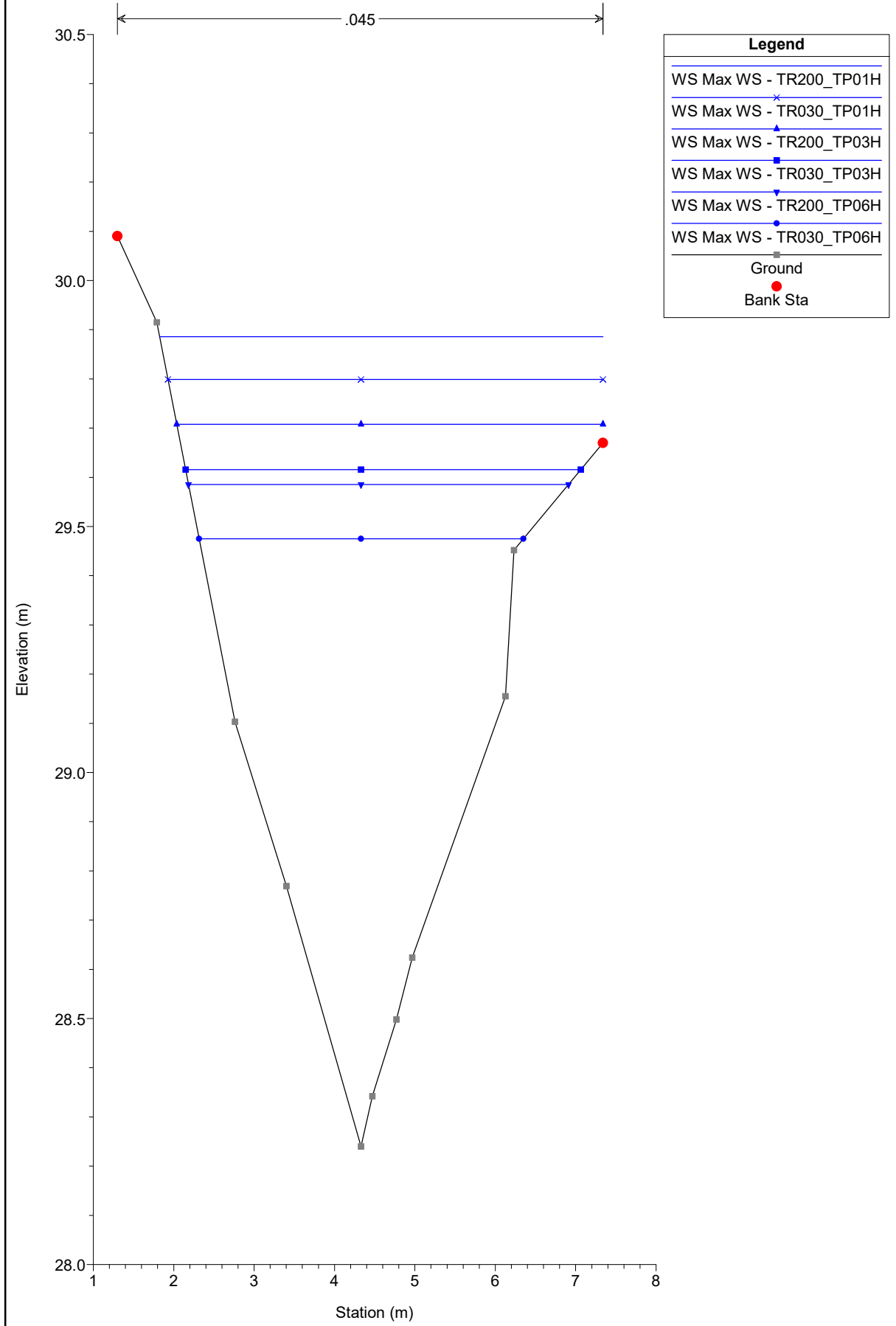
.045



Legend	
WS Max WS - TR200_TP01H	x
WS Max WS - TR030_TP01H	triangle
WS Max WS - TR200_TP03H	square
WS Max WS - TR030_TP03H	inverted triangle
WS Max WS - TR200_TP06H	circle
WS Max WS - TR030_TP06H	circle
Ground	square
Bank Sta	circle

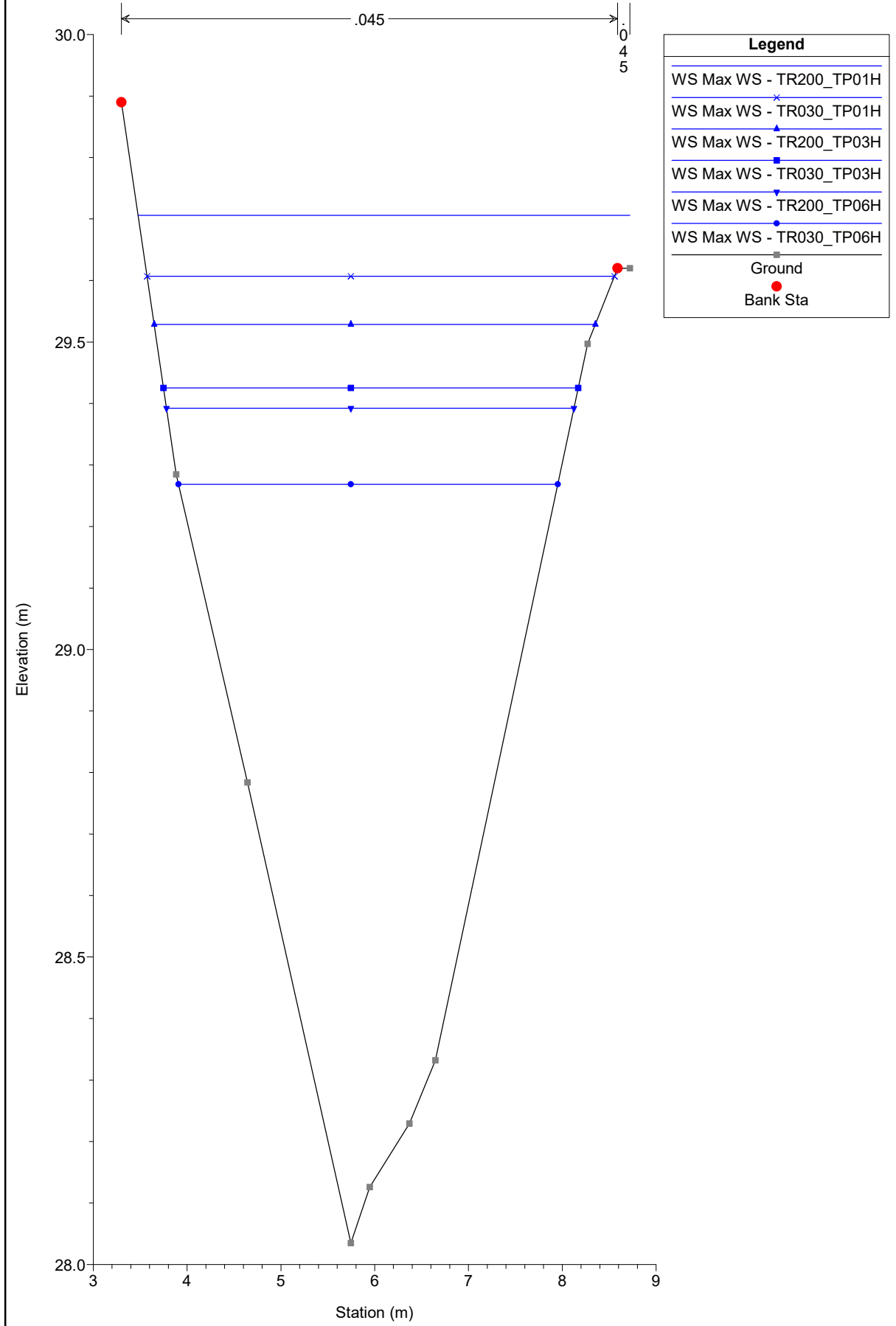
Geom: BV4895

River = BV4895 Reach = BV4895 RS = 307.35*



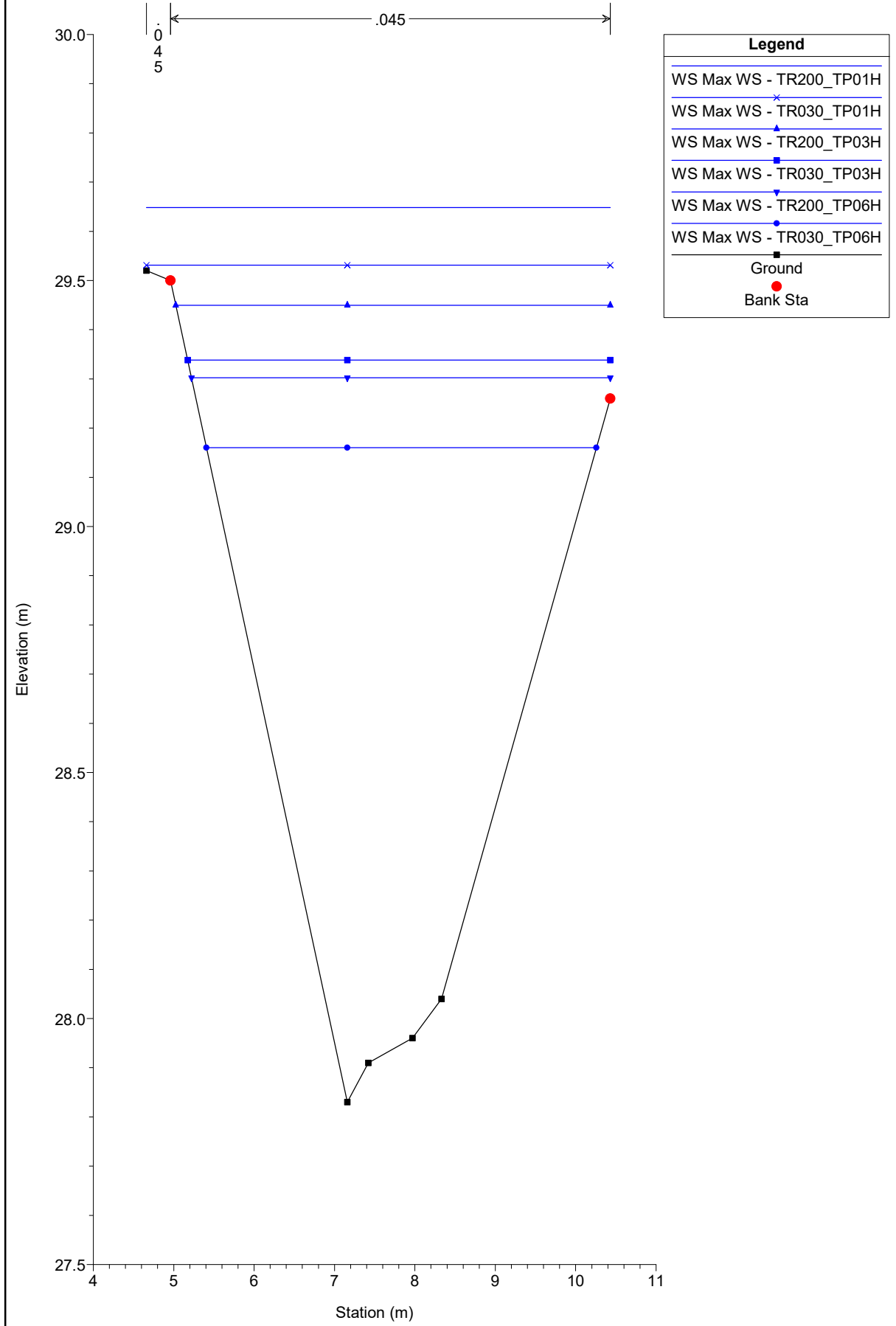
Geom: BV4895

River = BV4895 Reach = BV4895 RS = 279.03*



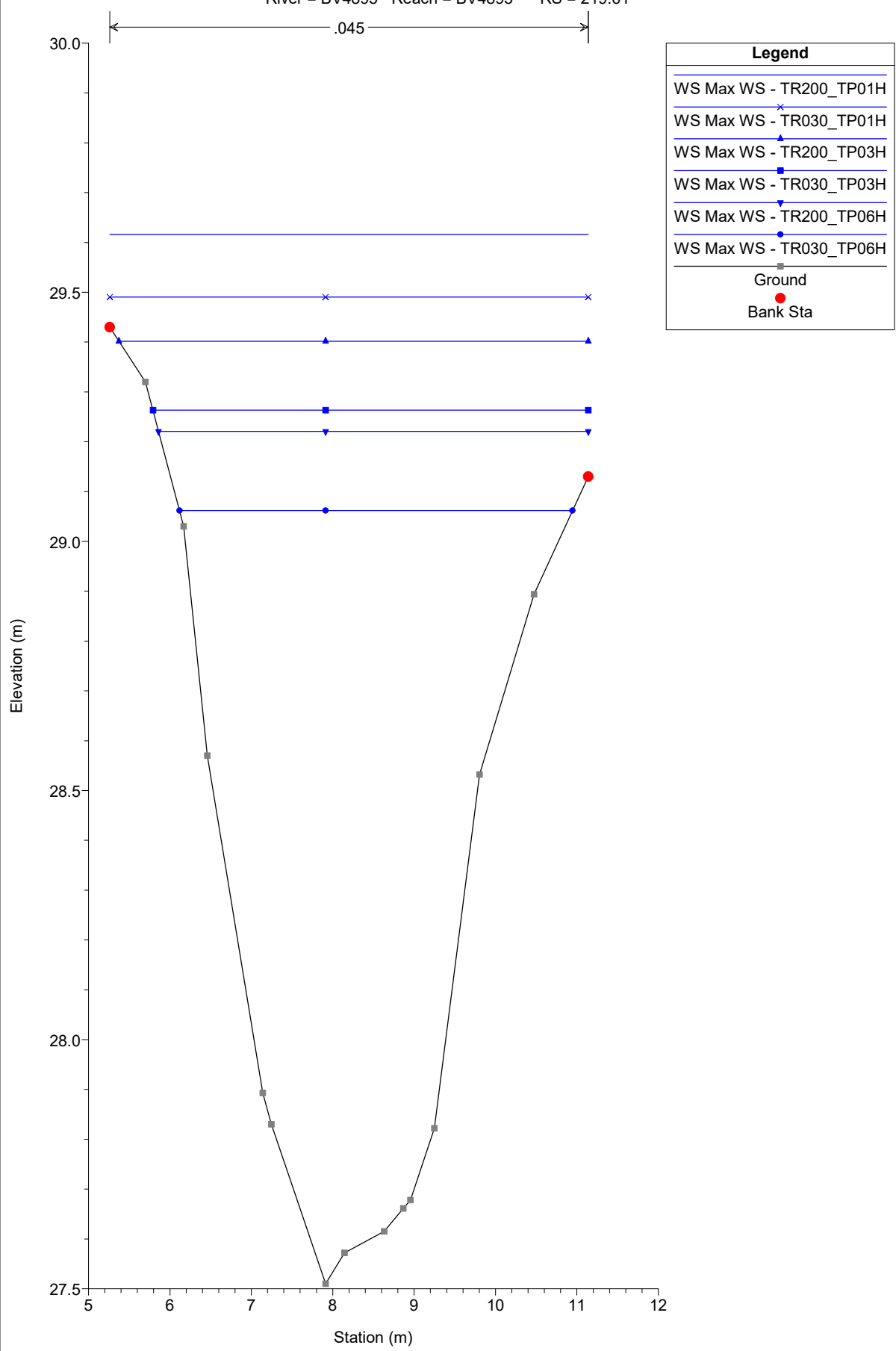
Geom: BV4895

River = BV4895 Reach = BV4895 RS = 250.7096



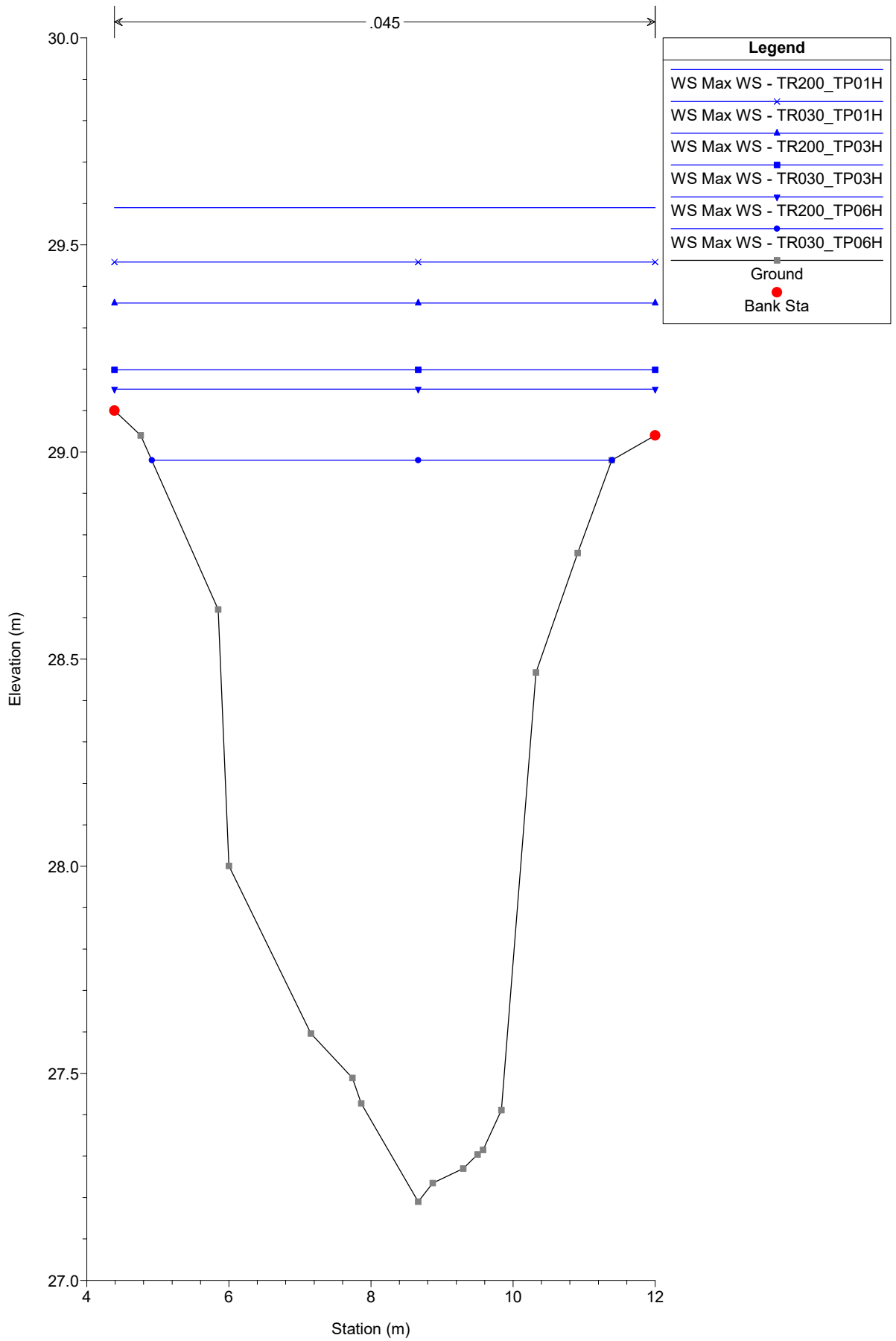
Geom: BV4895

River = BV4895 Reach = BV4895 RS = 219.61*



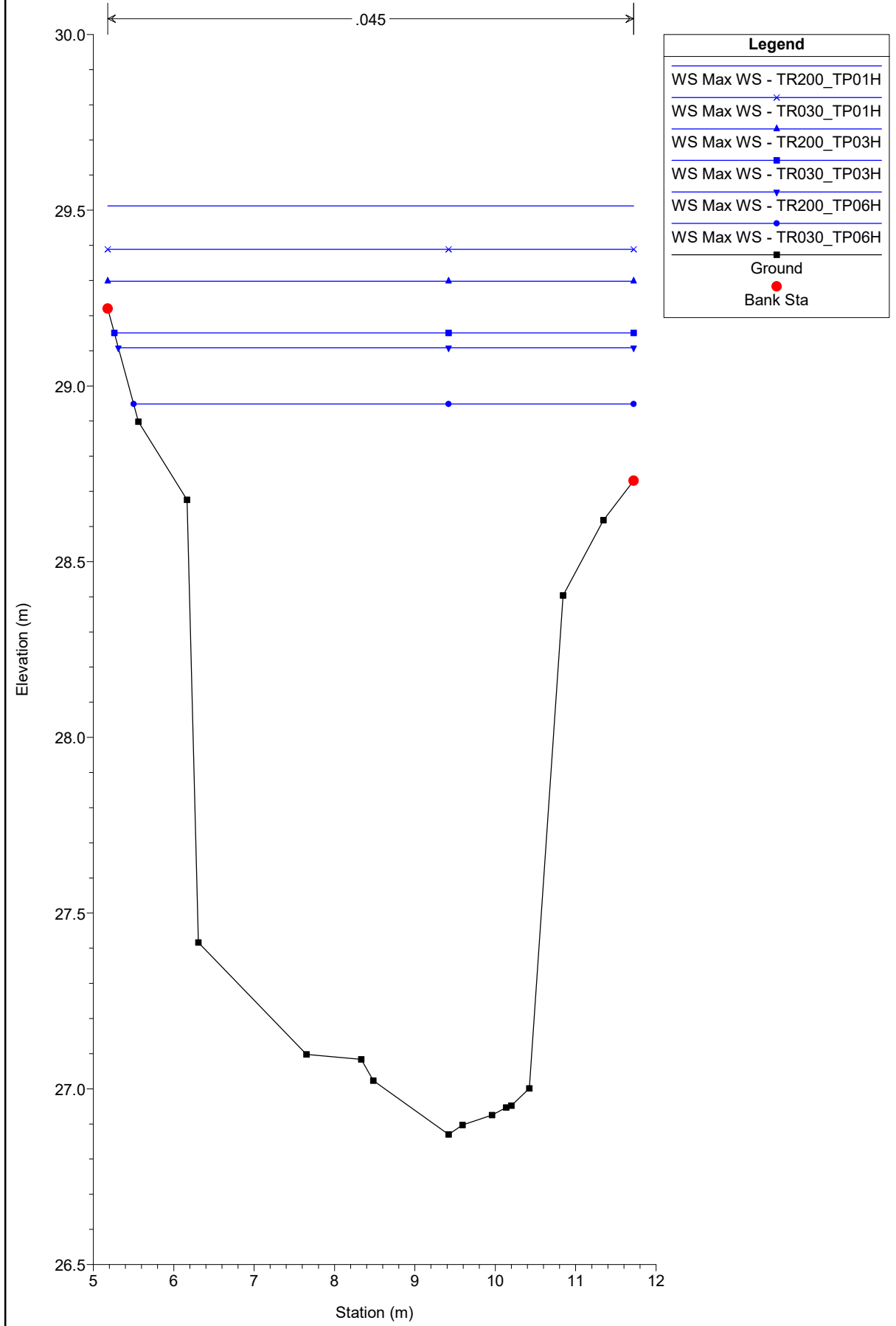
Geom: BV4895

River = BV4895 Reach = BV4895 RS = 188.51*



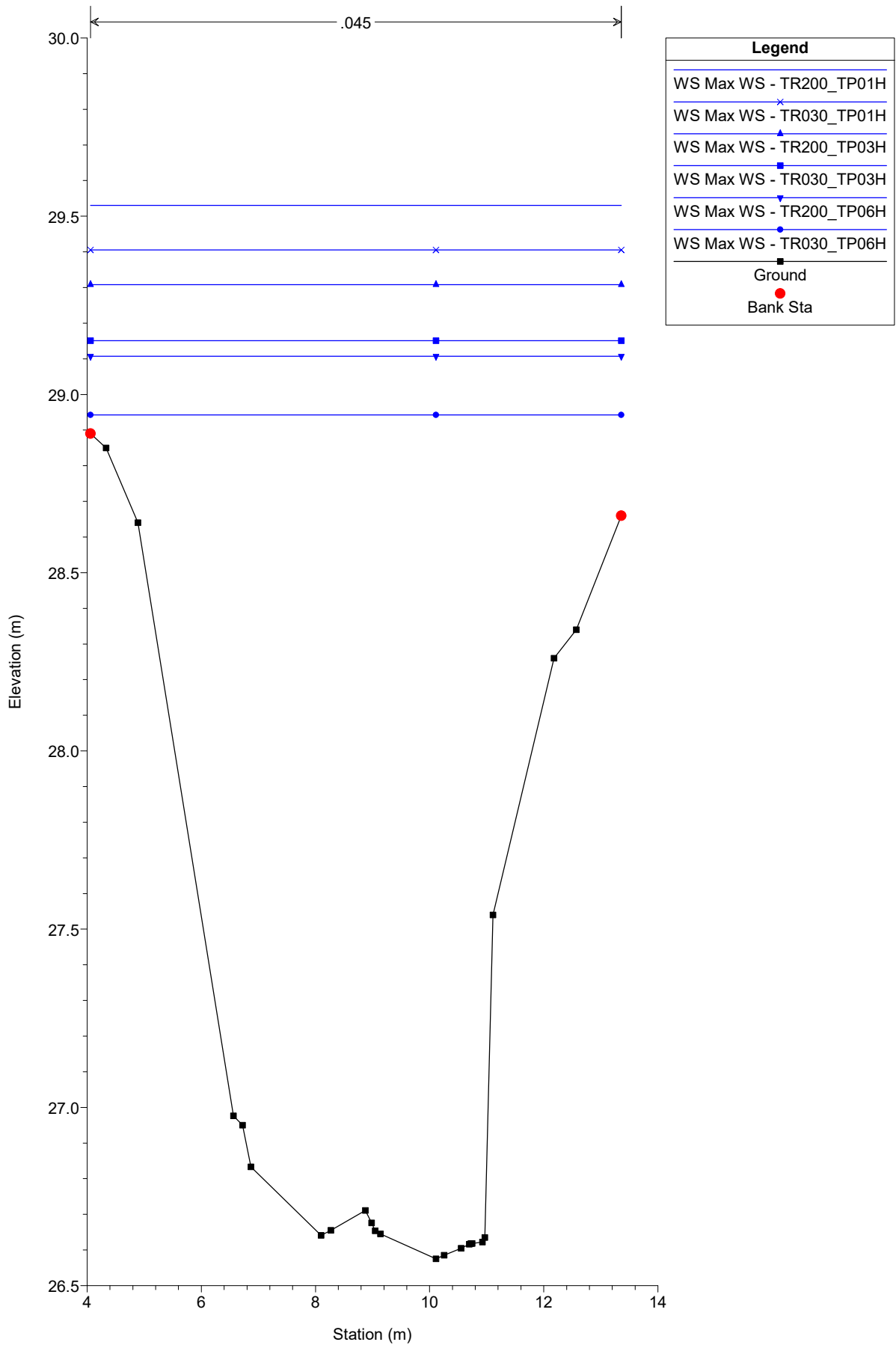
Geom: BV4895

River = BV4895 Reach = BV4895 RS = 157.41



Geom: BV4895

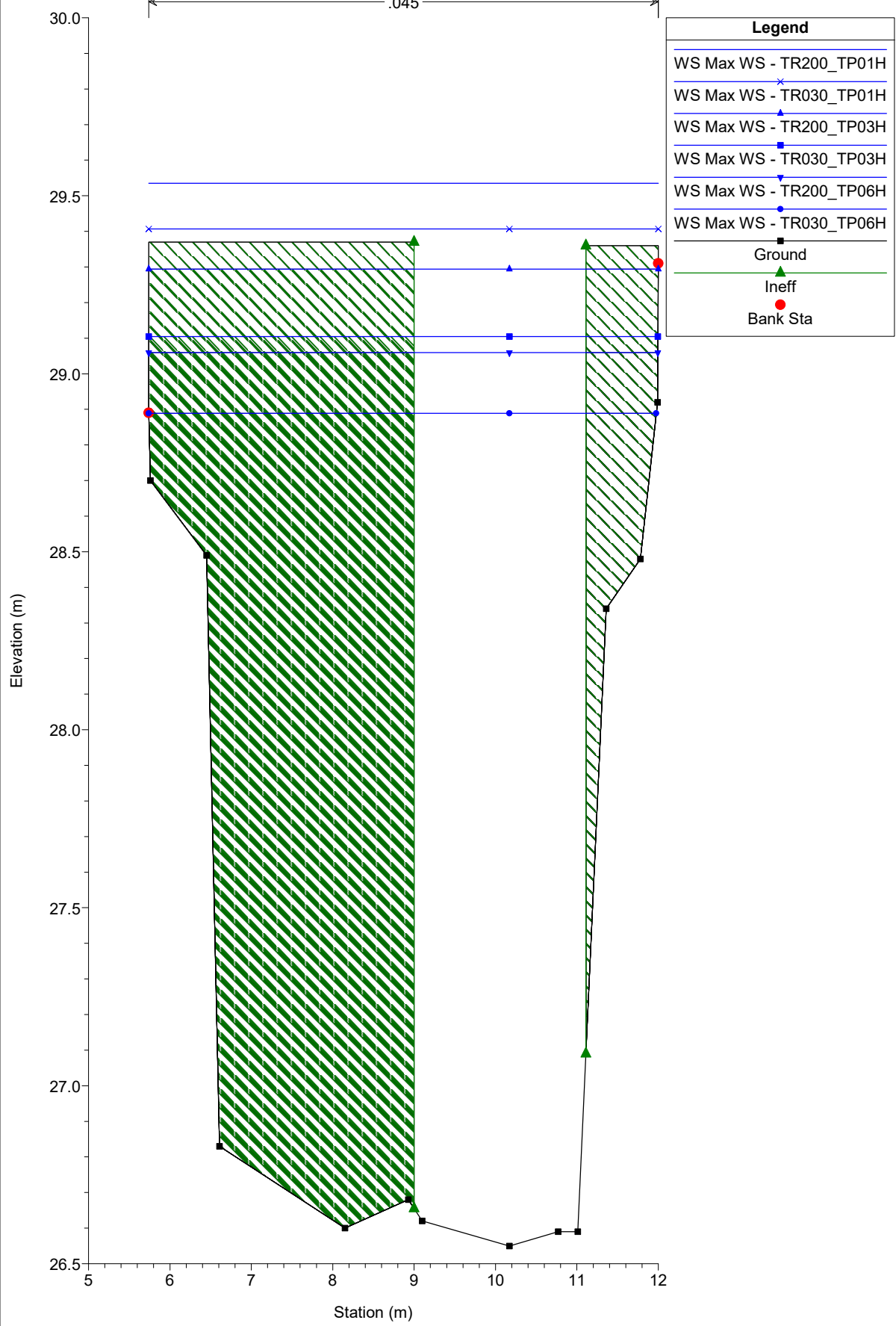
River = BV4895 Reach = BV4895 RS = 128.70



Geom: BV4895

River = BV4895 Reach = BV4895 RS = 126.3040

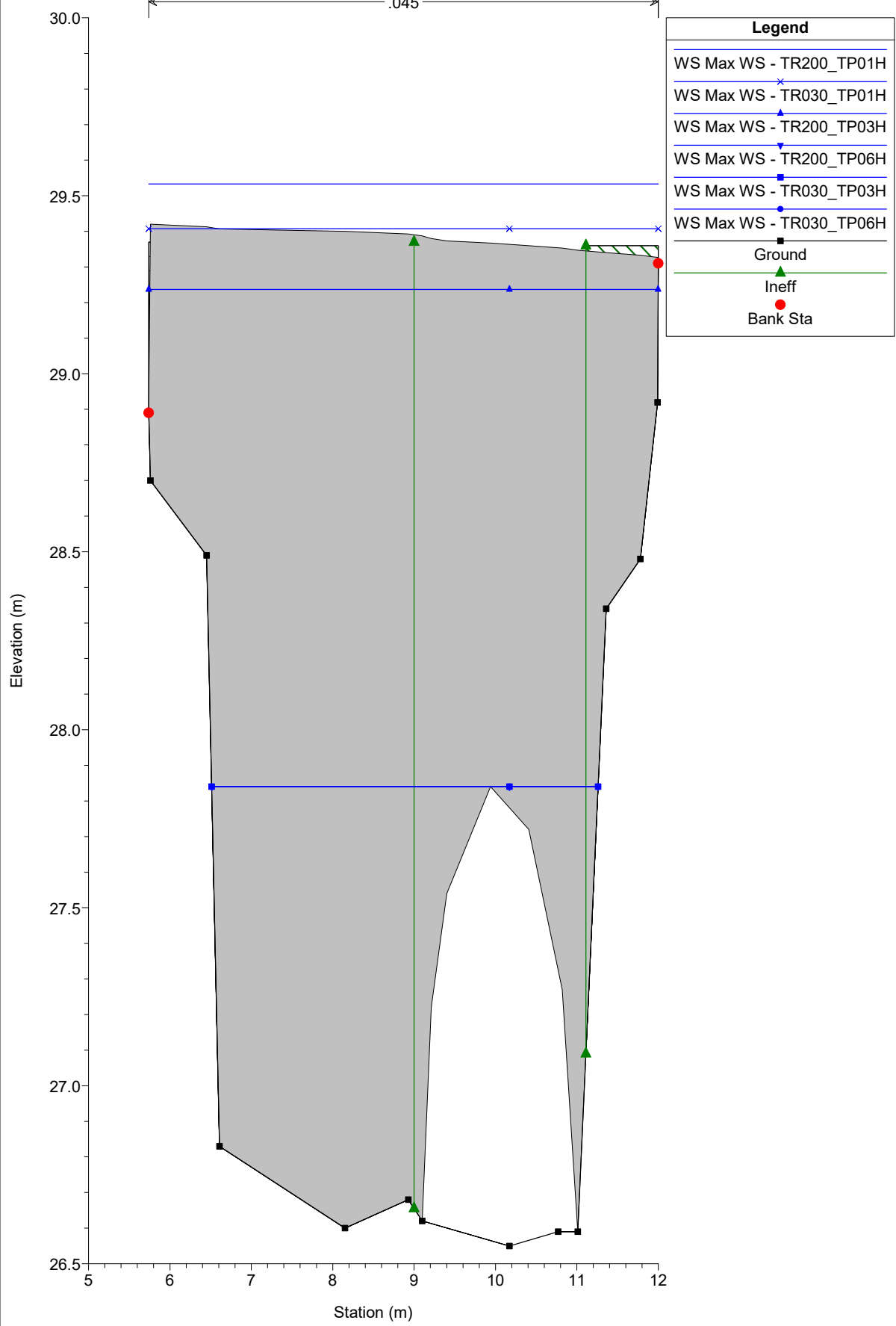
← .045 →



Geom: BV4895

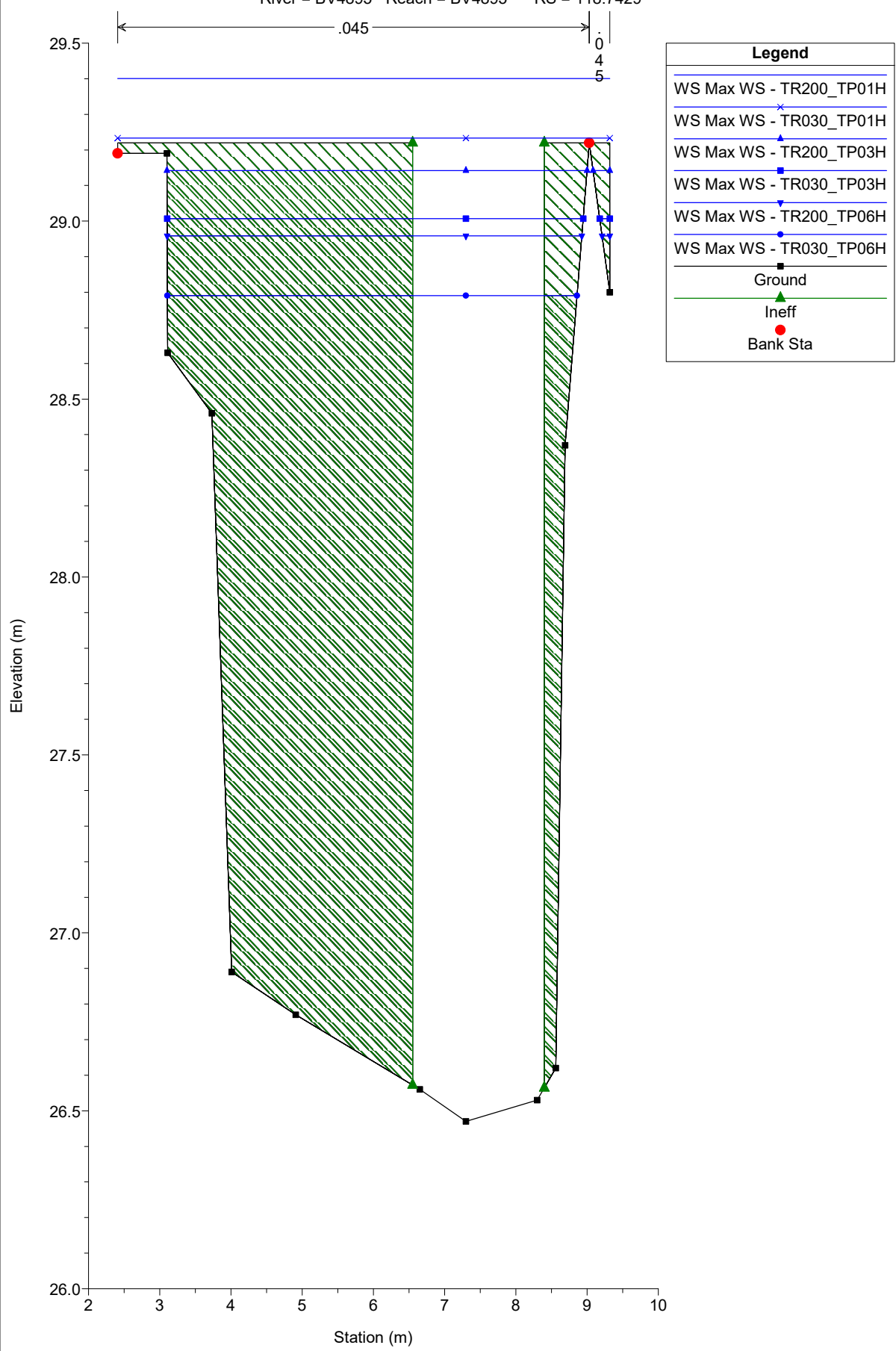
River = BV4895 Reach = BV4895 RS = 120 BR

← .045 →



Geom: BV4895

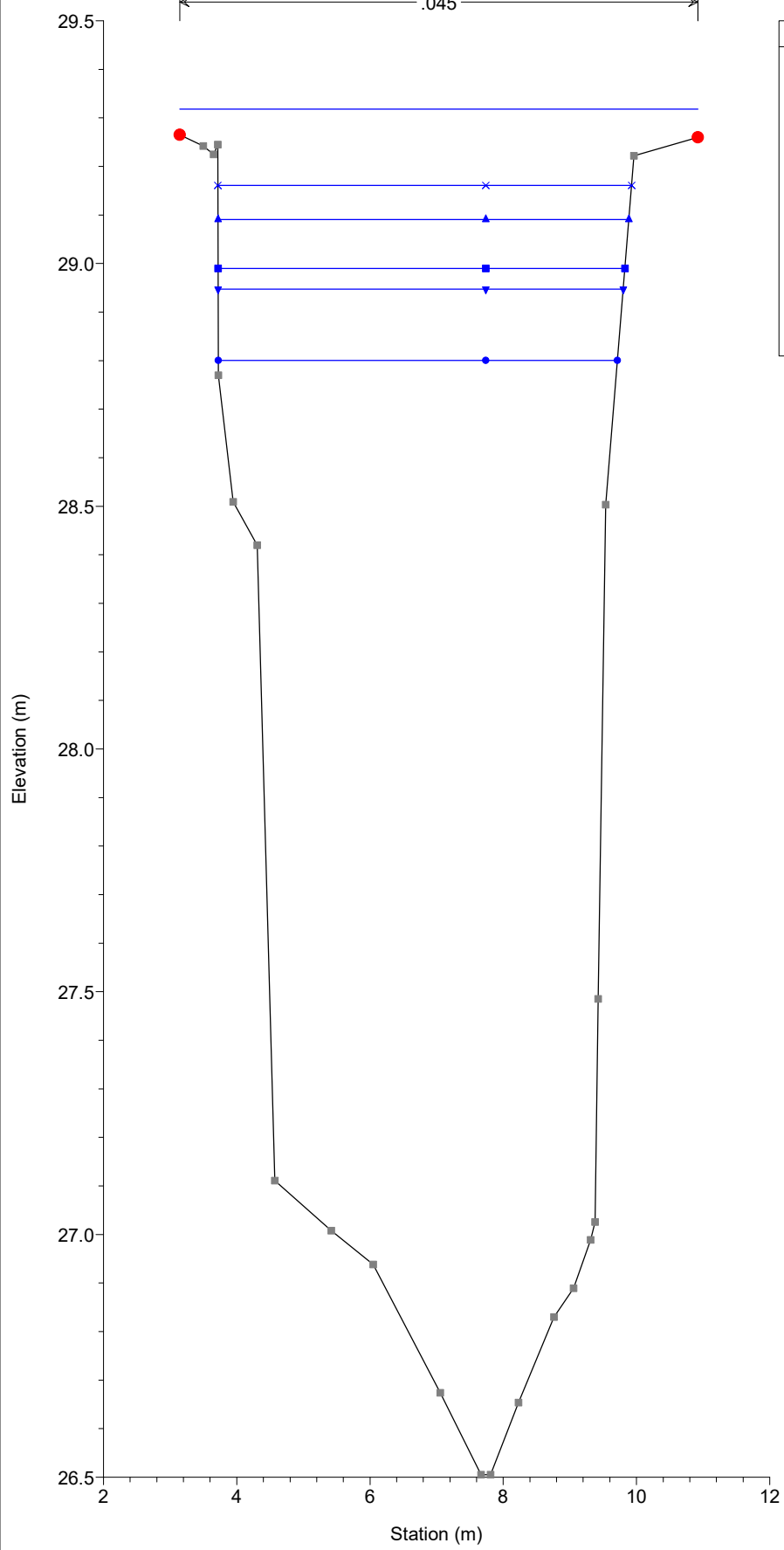
River = BV4895 Reach = BV4895 RS = 118.7429



Geom: BV4895

River = BV4895 Reach = BV4895 RS = 110.03*

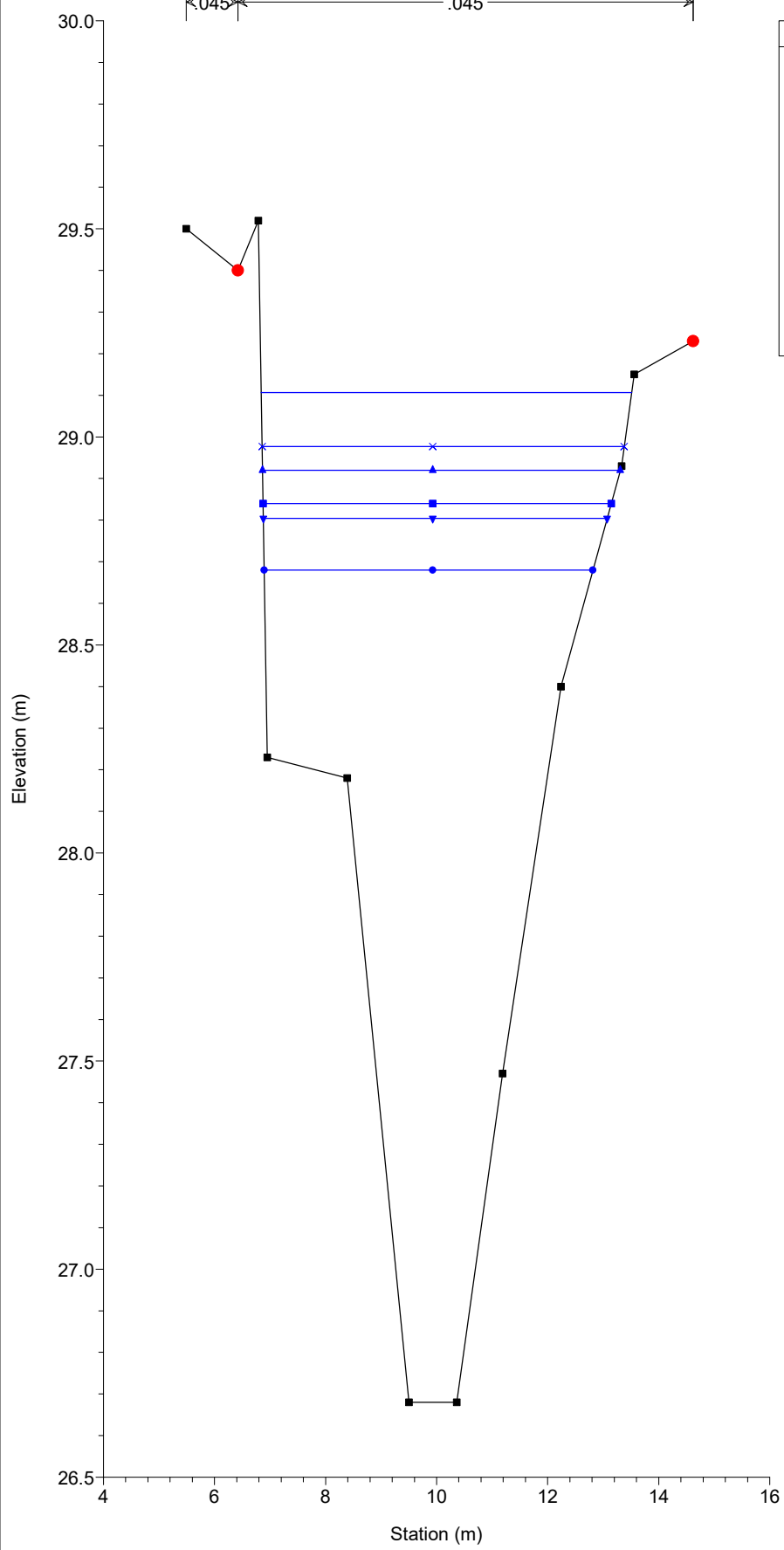
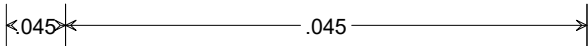
← .045 →



Legend	
WS Max WS - TR200_TP01H	×
WS Max WS - TR030_TP01H	△
WS Max WS - TR200_TP03H	■
WS Max WS - TR030_TP03H	▽
WS Max WS - TR200_TP06H	●
WS Max WS - TR030_TP06H	■
Ground	■
Bank Sta	●

Geom: BV4895

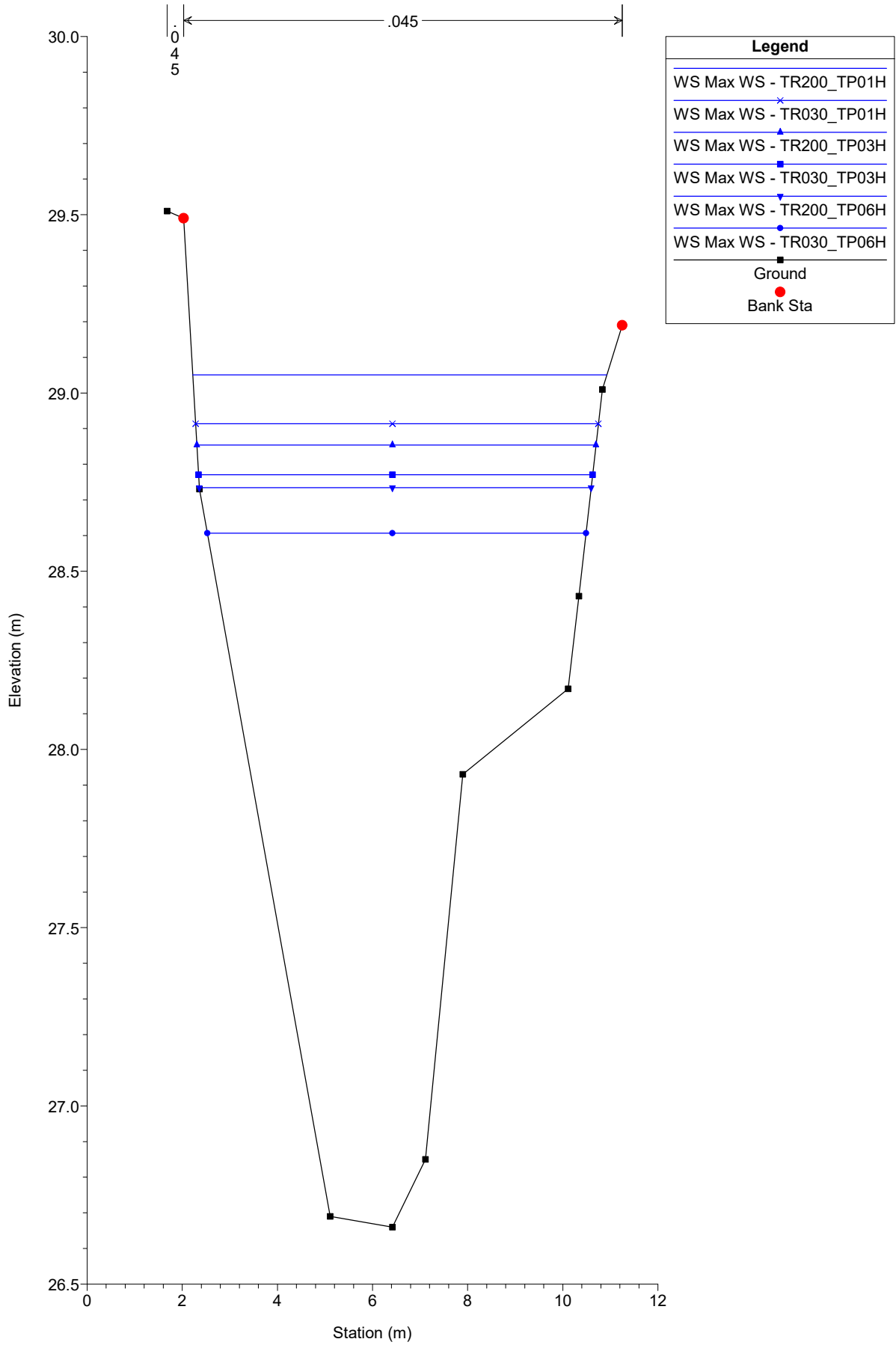
River = BV4895 Reach = BV4895 RS = 66.46118



Legend	
WS Max WS - TR200_TP01H	x
WS Max WS - TR030_TP01H	▲
WS Max WS - TR200_TP03H	■
WS Max WS - TR030_TP03H	▼
WS Max WS - TR200_TP06H	●
WS Max WS - TR030_TP06H	●
Ground	■
Bank Sta	●

Geom: BV4895

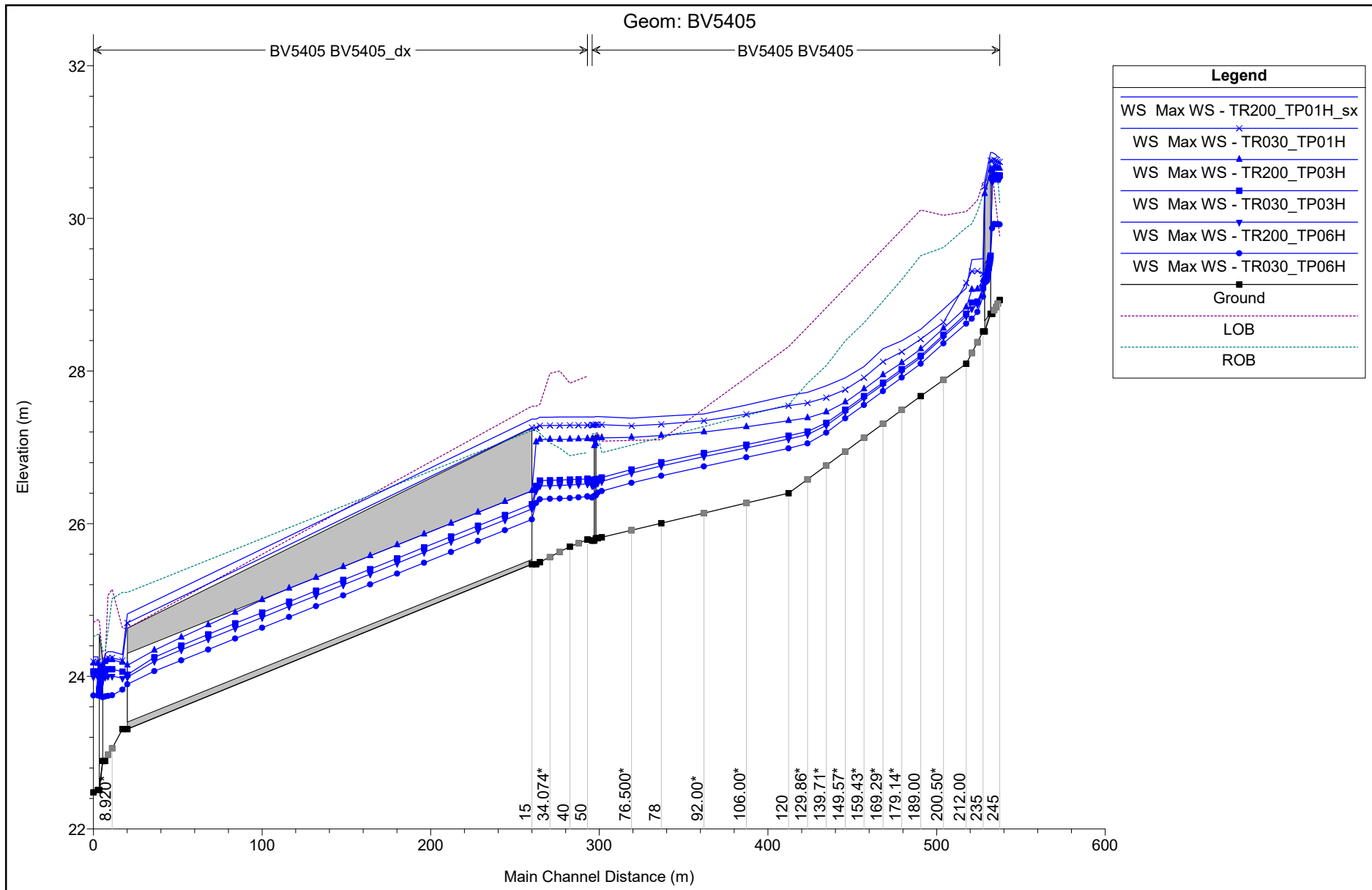
River = BV4895 Reach = BV4895 RS = 16

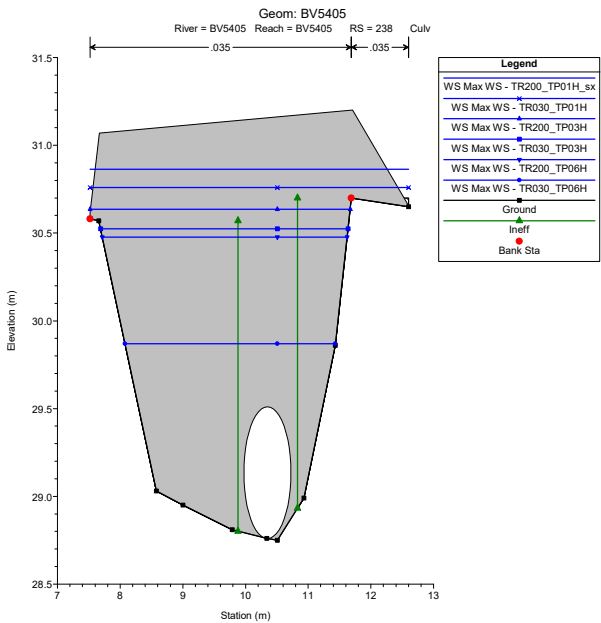
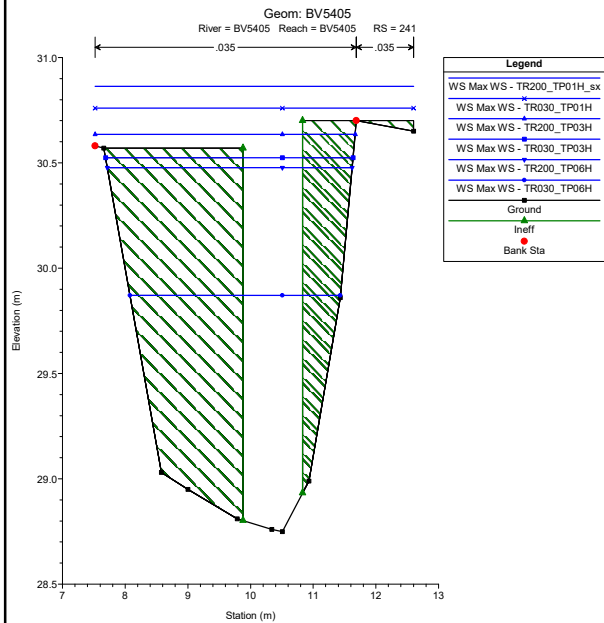
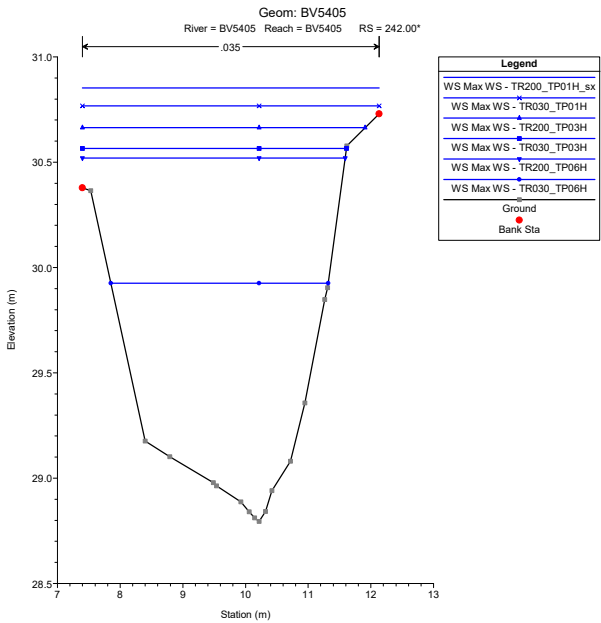
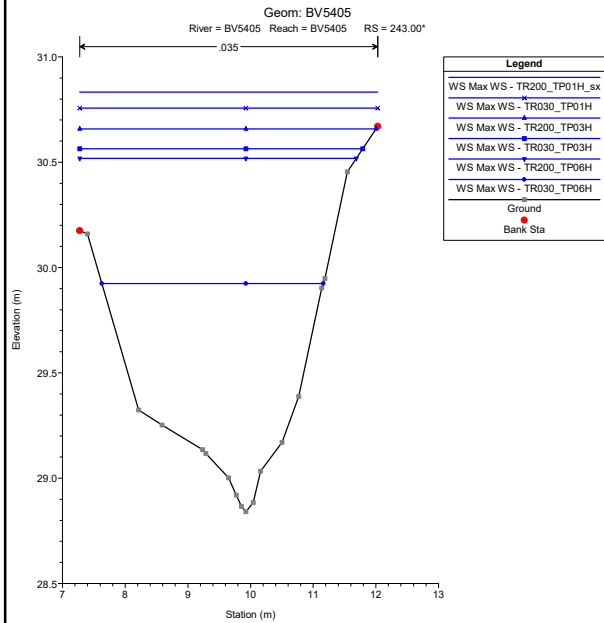
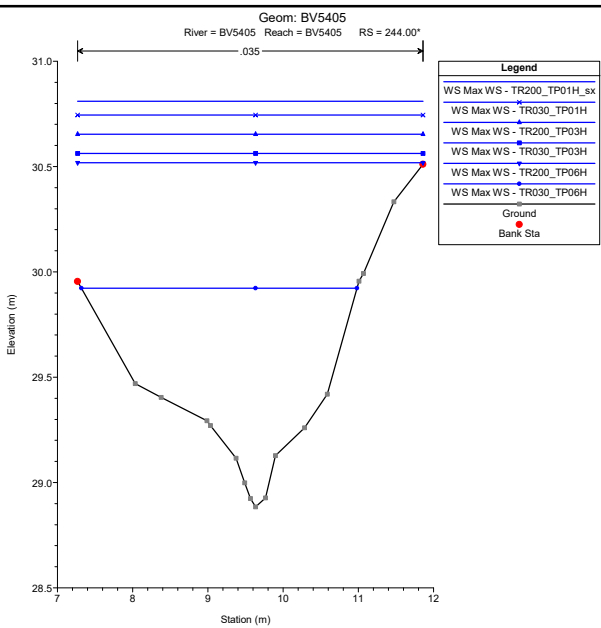
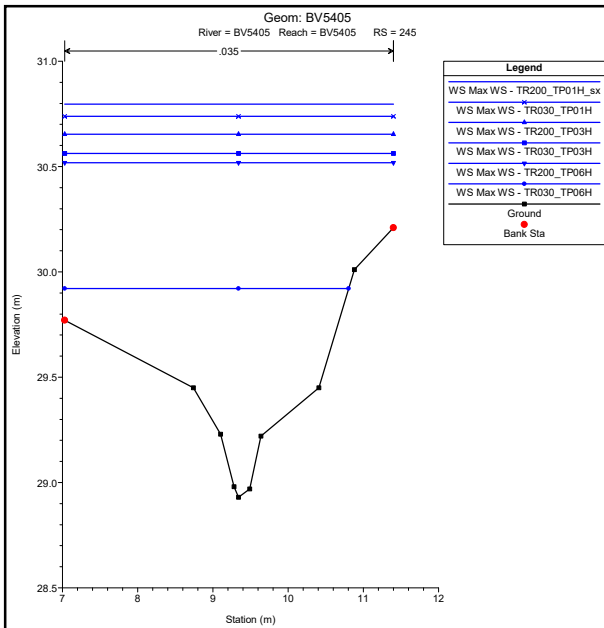


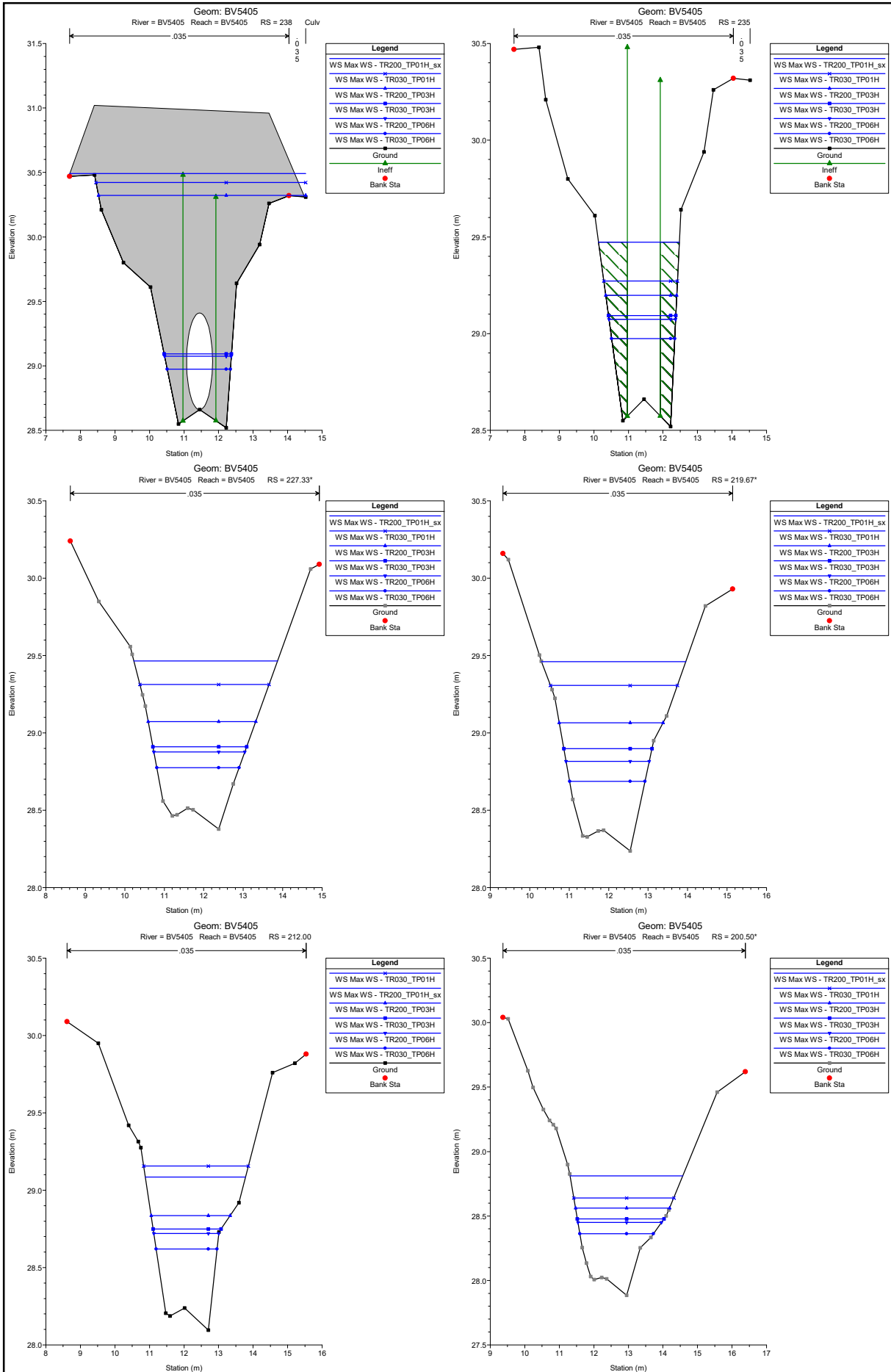
Reach	River Sta	Profile	Plan	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
BV4895	409	Max WS	TR200_TP01H	1.50	28.88	30.49		30.49	0.000193	0.28	5.42	4.87	0.08
BV4895	409	Max WS	TR200_TP03H	1.50	28.88	30.34		30.34	0.000295	0.32	4.68	4.87	0.10
BV4895	409	Max WS	TR200_TP06H	1.50	28.88	30.25		30.26	0.000384	0.35	4.27	4.87	0.12
BV4895	409	Max WS	TR030_TP01H	1.50	28.88	30.41		30.41	0.000238	0.30	5.03	4.87	0.09
BV4895	409	Max WS	TR030_TP03H	1.50	28.88	30.27		30.28	0.000359	0.34	4.37	4.87	0.12
BV4895	409	Max WS	TR030_TP06H	1.50	28.88	30.20		30.21	0.000459	0.37	4.02	4.87	0.13
BV4895	408.99												
BV4895	408.98												
BV4895	398.98*	Max WS	TR200_TP01H	-2.87	28.79	30.47		30.48	0.000951	-0.59	4.84	4.26	0.18
BV4895	398.98*	Max WS	TR200_TP03H	-0.24	28.79	30.34		30.34	0.000009	-0.06	4.32	4.26	0.02
BV4895	398.98*	Max WS	TR200_TP06H	0.81	28.79	30.26		30.26	0.000135	0.21	3.95	4.26	0.07
BV4895	398.98*	Max WS	TR030_TP01H	-1.43	28.79	30.41		30.41	0.000274	-0.31	4.59	4.26	0.10
BV4895	398.98*	Max WS	TR030_TP03H	0.60	28.79	30.28		30.28	0.000069	0.15	4.05	4.26	0.05
BV4895	398.98*	Max WS	TR030_TP06H	1.28	28.79	30.20		30.21	0.000410	0.35	3.70	4.26	0.12
BV4895	388.95*	Max WS	TR200_TP01H	-2.90	28.70	30.48		30.49	0.001004	-0.58	5.02	4.97	0.18
BV4895	388.95*	Max WS	TR200_TP03H	-1.32	28.70	30.34		30.34	0.000322	-0.30	4.33	4.97	0.10
BV4895	388.95*	Max WS	TR200_TP06H	-0.30	28.70	30.26		30.26	0.000021	-0.08	3.96	4.83	0.03
BV4895	388.95*	Max WS	TR030_TP01H	-2.19	28.70	30.40		30.41	0.000721	-0.47	4.65	4.97	0.16
BV4895	388.95*	Max WS	TR030_TP03H	-0.54	28.70	30.28		30.28	0.000066	-0.13	4.06	4.88	0.05
BV4895	388.95*	Max WS	TR030_TP06H	0.30	28.70	30.21		30.21	0.000025	0.08	3.71	4.69	0.03
BV4895	378.93*	Max WS	TR200_TP01H	1.45	28.61	30.51		30.51	0.000284	0.29	4.95	5.02	0.09
BV4895	378.93*	Max WS	TR200_TP03H	1.43	28.61	30.33		30.34	0.000446	0.35	4.12	4.59	0.12
BV4895	378.93*	Max WS	TR200_TP06H	1.53	28.61	30.24		30.25	0.000666	0.41	3.71	4.31	0.14
BV4895	378.93*	Max WS	TR030_TP01H	1.37	28.61	30.42		30.42	0.000328	0.30	4.51	4.84	0.10
BV4895	378.93*	Max WS	TR030_TP03H	1.51	28.61	30.26		30.27	0.000609	0.40	3.81	4.37	0.14
BV4895	378.93*	Max WS	TR030_TP06H	1.56	28.61	30.19		30.20	0.000828	0.45	3.47	4.13	0.16
BV4895	368.90	Max WS	TR200_TP01H	3.42	28.52	30.44		30.47	0.002141	0.77	4.44	4.36	0.24
BV4895	368.90	Max WS	TR200_TP03H	2.66	28.52	30.29		30.31	0.001865	0.70	3.80	3.82	0.22
BV4895	368.90	Max WS	TR200_TP06H	2.44	28.52	30.20		30.22	0.002059	0.70	3.47	3.78	0.23
BV4895	368.90	Max WS	TR030_TP01H	2.96	28.52	30.36		30.39	0.001934	0.72	4.11	4.07	0.23
BV4895	368.90	Max WS	TR030_TP03H	2.49	28.52	30.22		30.24	0.002010	0.70	3.55	3.79	0.23
BV4895	368.90	Max WS	TR030_TP06H	2.33	28.52	30.14		30.17	0.002263	0.72	3.25	3.75	0.25
BV4895	366.9875	Max WS	TR200_TP01H	2.06	28.50	30.47		30.50	0.004144	0.76	2.72	3.93	0.29
BV4895	366.9875	Max WS	TR200_TP03H	1.72	28.50	30.29		30.33	0.003013	0.81	2.13	2.55	0.24
BV4895	366.9875	Max WS	TR200_TP06H	1.67	28.50	30.20		30.23	0.003431	0.86	1.95	2.47	0.27
BV4895	366.9875	Max WS	TR030_TP01H	1.84	28.50	30.38		30.41	0.004634	0.77	2.39	3.52	0.30
BV4895	366.9875	Max WS	TR030_TP03H	1.68	28.50	30.22		30.26	0.003313	0.84	1.99	2.49	0.26
BV4895	366.9875	Max WS	TR030_TP06H	1.67	28.50	30.13		30.17	0.003922	0.91	1.83	2.41	0.29
BV4895	365												
BV4895	364	Max WS	TR200_TP01H	2.05	28.65	30.11		30.21	0.009108	1.37	1.50	3.98	0.37
BV4895	364	Max WS	TR200_TP03H	1.72	28.65	29.97		30.05	0.008609	1.28	1.35	3.95	0.37
BV4895	364	Max WS	TR200_TP06H	1.67	28.65	29.86		29.95	0.010507	1.36	1.22	2.43	0.41
BV4895	364	Max WS	TR030_TP01H	1.84	28.65	30.05		30.13	0.008334	1.28	1.43	3.96	0.36
BV4895	364	Max WS	TR030_TP03H	1.68	28.65	29.89		29.98	0.009908	1.33	1.26	2.58	0.40
BV4895	364	Max WS	TR030_TP06H	1.67	28.65	29.76		29.87	0.013501	1.49	1.12	1.93	0.47
BV4895	363.99												
BV4895	363.98												
BV4895	356.92	Max WS	TR200_TP01H	3.16	28.60	30.05		30.09	0.003358	0.89	3.54	5.03	0.34
BV4895	356.92	Max WS	TR200_TP03H	2.43	28.60	29.92		29.96	0.003129	0.83	2.94	4.39	0.32
BV4895	356.92	Max WS	TR200_TP06H	2.12	28.60	29.82		29.85	0.003577	0.85	2.50	3.90	0.34
BV4895	356.92	Max WS	TR030_TP01H	2.74	28.60	29.99		30.03	0.003087	0.84	3.26	4.71	0.32
BV4895	356.92	Max WS	TR030_TP03H	2.19	28.60	29.85		29.88	0.003414	0.84	2.61	4.03	0.33
BV4895	356.92	Max WS	TR030_TP06H	1.90	28.60	29.73		29.77	0.004022	0.88	2.17	3.49	0.35
BV4895	335.68	Max WS	TR200_TP01H	3.49	28.44	29.98		30.02	0.002616	0.88	3.96	4.62	0.30
BV4895	335.68	Max WS	TR200_TP03H	3.01	28.44	29.83		29.87	0.003377	0.92	3.27	4.48	0.34
BV4895	335.68	Max WS	TR200_TP06H	2.57	28.44	29.72		29.76	0.003828	0.93	2.78	4.15	0.36
BV4895	335.68	Max WS	TR030_TP01H	3.25	28.44	29.91		29.95	0.002904	0.89	3.64	4.56	0.32
BV4895	335.68	Max WS	TR030_TP03H	2.69	28.44	29.75		29.79	0.003734	0.93	2.90	4.23	0.36
BV4895	335.68	Max WS	TR030_TP06H	2.23	28.44	29.62		29.67	0.004279	0.93	2.40	3.89	0.38
BV4895	307.35*	Max WS	TR200_TP01H	4.34	28.24	29.89		29.93	0.002657	0.91	4.76	5.52	0.31
BV4895	307.35*	Max WS	TR200_TP03H	3.69	28.24	29.71		29.76	0.003717	0.97	3.80	5.30	0.37
BV4895	307.35*	Max WS	TR200_TP06H	3.08	28.24	29.59		29.63	0.004049	0.97	3.17	4.73	0.38
BV4895	307.35*	Max WS	TR030_TP01H	4.11	28.24	29.90		29.85	0.003228	0.96	4.28	5.41	0.34
BV4895	307.35*	Max WS	TR030_TP03H	3.24	28.24	29.62		29.66	0.004029	0.98	3.32	4.91	0.38
BV4895	307.35*	Max WS	TR030_TP06H	2.70	28.24	29.48		29.53	0.004453	1.00	2.69	4.03	0.39
BV4895	279.03*	Max WS	TR200_TP01H	5.90	28.03	29.71		29.79	0.004454	1.25	4.74	5.24	0.41
BV4895	279.03*	Max WS	TR200_TP03H	4.67	28.03	29.53		29.60	0.004946	1.21	3.85	4.70	0.43
BV4895	279.03*	Max WS	TR200_TP06H	3.92	28.03	29.39		29.47	0.005562	1.21	3.23	4.35	0.45
BV4895	279.03*	Max WS	TR030_TP01H	5.38	28.03	29.61		29.69	0.005183	1.27	4.23	4.98	0.44
BV4895	279.03*	Max WS	TR030_TP03H	4.10	28.03	29.43		29.50	0.005407	1.21	3.38	4.42	0.44
BV4895	279.03*	Max WS	TR030_TP06H	3.32	28.03	29.27		29.35	0.006460	1.23	2.71	4.04	0.48
BV4895	250.7096	Max WS	TR200_TP01H	5.62	27.83	29.65		29.69	0.001805	0.90	6.30	5.77	0.27
BV4895	250.7096	Max WS	TR200_TP03H	4.68	27.83	29.45		29.49	0.002239	0.90	5.17	5.40	0.30
BV4895	250.7096	Max WS	TR200_TP06H	3.92	27.83	29.30		29.34	0.002503	0.89	4.39	5.21	0.31
BV4895	250.7096	Max WS	TR030_TP01H	5.25	27.83	29.53		29.58	0.002221	0.94	5.62	5.77	0.29
BV4895	250.7096	Max WS	TR030_TP03H	4.11	27.83	29.34		29.38	0.002436	0.90	4.58	5.26	0.31
BV4895	250.7096	Max WS	TR030_TP06H	3.32	27.83	29.16		29.20	0.002927	0.90	3.67	4.85	0.33
BV4895	219.61*	Max WS	TR200_TP01H	5.36	27.51	29.62		29.64	0.001124	0.72	7.43	5.88	0.20
BV4895	219.61*	Max WS	TR200_TP03H	4.65	27.51	29.40		29.43	0.001433	0.75	6.17	5.77	0.23
BV4895	219.61*	Max WS	TR200_TP06H	4.52	27.51	29.22		29.26	0.002116	0.87	5.18	5.28	0.28
BV4895	219.61*	Max WS	TR030_TP01H	4.99	27.51	29.49		29.52	0.001322	0.75	6.69	5.88	0.22

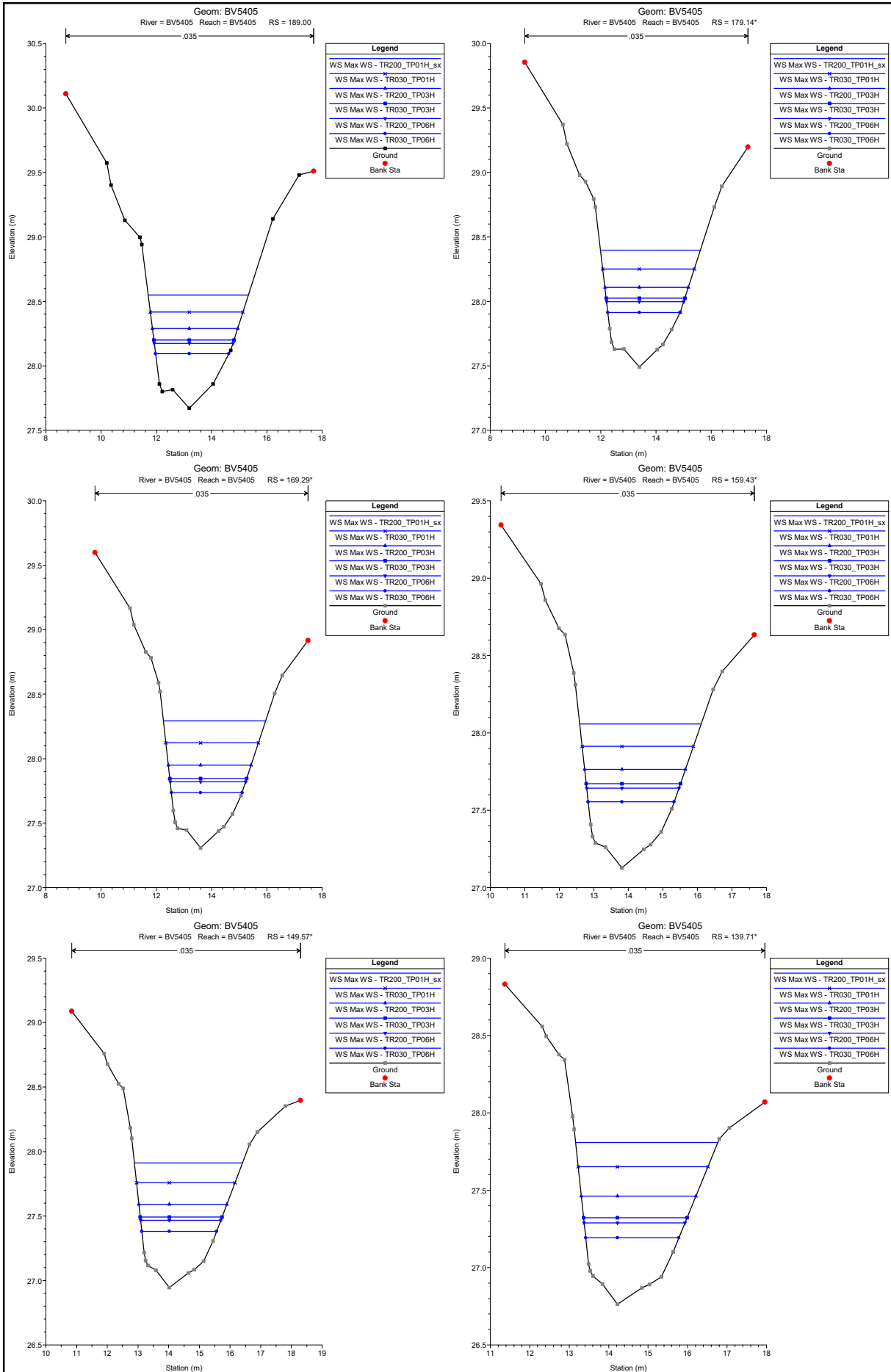
HEC-RAS River: BV4895 Reach: BV4895 Profile: Max WS (Continued)

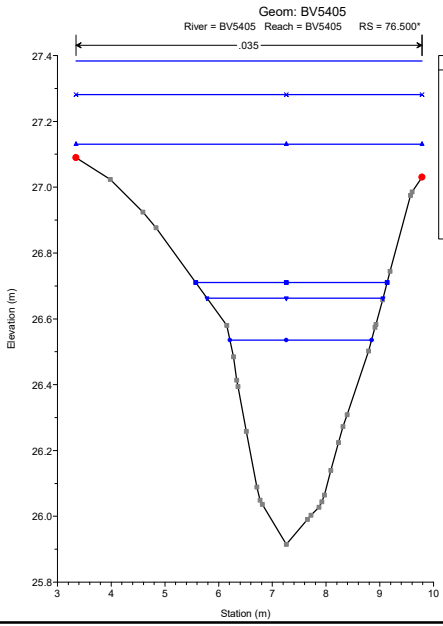
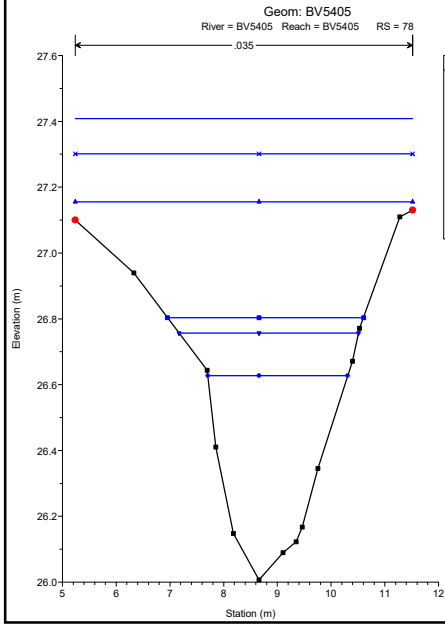
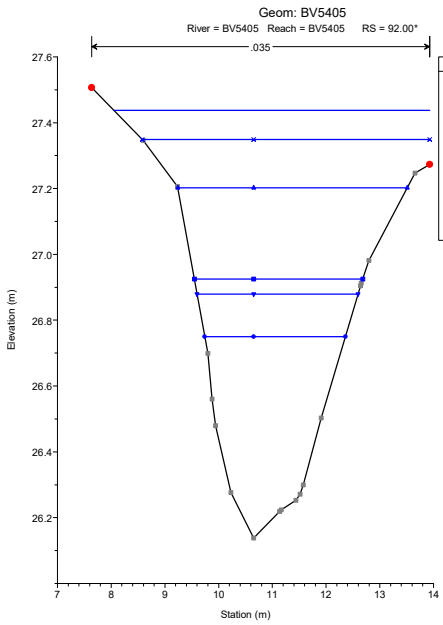
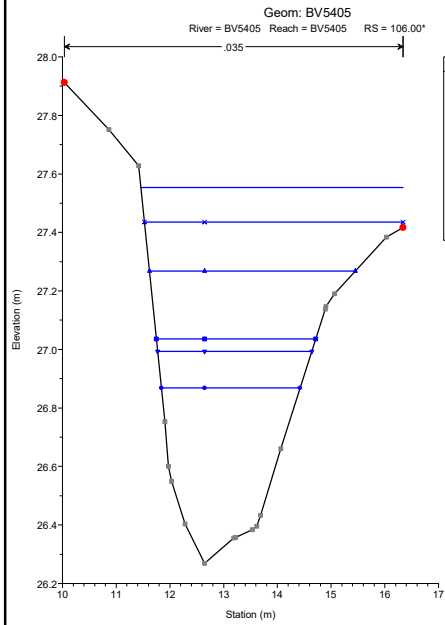
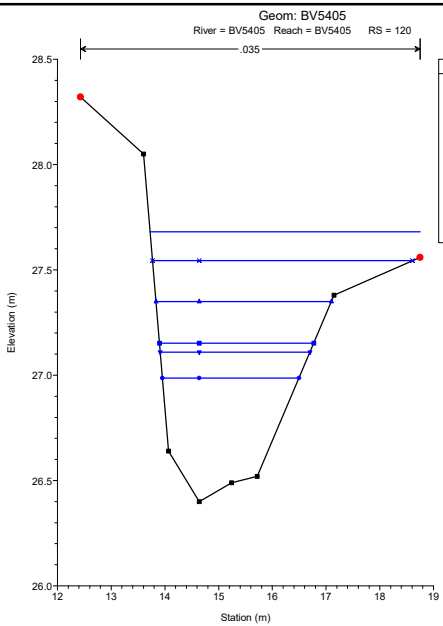
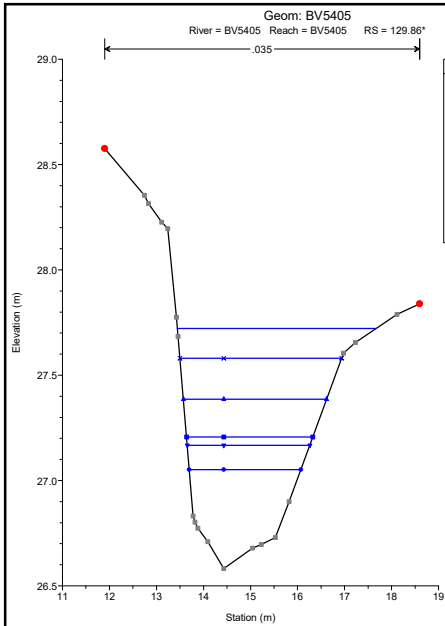
Reach	River Sta	Profile	Plan	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
BV4895	219.61*	Max WS	TR030_TP03H	4.62	27.51	29.26		29.30	0.001960	0.85	5.41	5.35	0.27
BV4895	219.61*	Max WS	TR030_TP06H	3.95	27.51	29.06		29.10	0.002508	0.90	4.37	4.83	0.30
BV4895	188.51*	Max WS	TR200_TP01H	6.36	27.19	29.59		29.61	0.000549	0.56	11.35	7.61	0.15
BV4895	188.51*	Max WS	TR200_TP03H	6.08	27.19	29.36		29.38	0.000824	0.63	9.60	7.61	0.18
BV4895	188.51*	Max WS	TR200_TP06H	6.11	27.19	29.15		29.18	0.001432	0.76	8.02	7.61	0.24
BV4895	188.51*	Max WS	TR030_TP01H	6.06	27.19	29.46		29.48	0.000654	0.59	10.36	7.61	0.16
BV4895	188.51*	Max WS	TR030_TP03H	6.29	27.19	29.20		29.23	0.001329	0.75	8.37	7.61	0.23
BV4895	188.51*	Max WS	TR030_TP06H	5.42	27.19	28.98		29.01	0.001618	0.80	6.77	6.48	0.25
BV4895	157.41	Max WS	TR200_TP01H	10.77	26.87	29.51		29.55	0.001146	0.87	12.44	6.54	0.20
BV4895	157.41	Max WS	TR200_TP03H	8.81	26.87	29.30		29.33	0.001077	0.80	11.04	6.54	0.20
BV4895	157.41	Max WS	TR200_TP06H	7.07	26.87	29.11		29.13	0.000967	0.72	9.81	6.41	0.19
BV4895	157.41	Max WS	TR030_TP01H	9.61	26.87	29.39		29.42	0.001103	0.83	11.63	6.54	0.20
BV4895	157.41	Max WS	TR030_TP03H	7.58	26.87	29.15		29.18	0.001031	0.75	10.08	6.46	0.19
BV4895	157.41	Max WS	TR030_TP06H	5.60	26.87	28.95		28.97	0.000820	0.64	8.80	6.22	0.17
BV4895	128.70	Max WS	TR200_TP01H	6.35	26.57	29.53		29.54	0.000122	0.33	19.43	9.30	0.07
BV4895	128.70	Max WS	TR200_TP03H	5.90	26.57	29.31		29.31	0.000147	0.34	17.37	9.30	0.08
BV4895	128.70	Max WS	TR200_TP06H	6.17	26.57	29.11		29.11	0.000224	0.40	15.50	9.30	0.10
BV4895	128.70	Max WS	TR030_TP01H	5.38	26.57	29.41		29.41	0.000105	0.29	18.27	9.30	0.07
BV4895	128.70	Max WS	TR030_TP03H	6.43	26.57	29.15		29.16	0.000225	0.40	15.90	9.30	0.10
BV4895	128.70	Max WS	TR030_TP06H	5.41	26.57	28.94		28.95	0.000234	0.39	13.97	9.30	0.10
BV4895	126.3040	Max WS	TR200_TP01H	2.91	26.55	29.54	27.17	29.54	0.000672	0.42	6.90	6.26	0.13
BV4895	126.3040	Max WS	TR200_TP03H	4.04	26.55	29.29	27.32	29.32	0.000347	0.71	5.69	6.26	0.14
BV4895	126.3040	Max WS	TR200_TP06H	5.43	26.55	29.06	27.47	29.12	0.000847	1.05	5.20	6.25	0.21
BV4895	126.3040	Max WS	TR030_TP01H	2.73	26.55	29.41	27.15	29.42	0.000863	0.45	6.09	6.26	0.14
BV4895	126.3040	Max WS	TR030_TP03H	5.54	26.55	29.10	27.49	29.16	0.000830	1.05	5.29	6.25	0.21
BV4895	126.3040	Max WS	TR030_TP06H	5.18	26.55	28.89	27.44	28.95	0.000977	1.07	4.84	6.23	0.23
BV4895	120				Bridge								
BV4895	118.7429	Max WS	TR200_TP01H	2.91	26.47	29.40		29.41	0.000945	0.47	6.26	6.91	0.15
BV4895	118.7429	Max WS	TR200_TP03H	4.05	26.47	29.14		29.18	0.000390	0.83	4.87	6.13	0.16
BV4895	118.7429	Max WS	TR200_TP06H	5.43	26.47	28.96		29.03	0.000895	1.20	4.53	5.93	0.25
BV4895	118.7429	Max WS	TR030_TP01H	2.72	26.47	29.23		29.25	0.001566	0.53	5.10	6.91	0.19
BV4895	118.7429	Max WS	TR030_TP03H	5.54	26.47	29.01		29.08	0.000872	1.20	4.62	5.98	0.24
BV4895	118.7429	Max WS	TR030_TP06H	5.18	26.47	28.79		28.87	0.001028	1.23	4.22	5.75	0.26
BV4895	117.99				Lat Struct								
BV4895	117.98				Lat Struct								
BV4895	110.03*	Max WS	TR200_TP01H	10.53	26.51	29.32		29.35	0.001008	0.78	13.42	7.77	0.19
BV4895	110.03*	Max WS	TR200_TP03H	9.13	26.51	29.09		29.12	0.000885	0.77	11.89	6.17	0.18
BV4895	110.03*	Max WS	TR200_TP06H	7.95	26.51	28.95		28.97	0.000829	0.72	11.01	6.08	0.17
BV4895	110.03*	Max WS	TR030_TP01H	9.32	26.51	29.16		29.19	0.000836	0.76	12.33	6.21	0.17
BV4895	110.03*	Max WS	TR030_TP03H	8.46	26.51	28.99		29.02	0.000881	0.75	11.27	6.11	0.18
BV4895	110.03*	Max WS	TR030_TP06H	6.32	26.51	28.80		28.82	0.000661	0.62	10.13	5.99	0.15
BV4895	66.46118	Max WS	TR200_TP01H	12.41	26.68	29.11		29.21	0.004340	1.42	8.71	6.67	0.40
BV4895	66.46118	Max WS	TR200_TP03H	9.66	26.68	28.92		29.00	0.004061	1.29	7.48	6.44	0.38
BV4895	66.46118	Max WS	TR200_TP06H	7.93	26.68	28.80		28.87	0.003630	1.17	6.75	6.19	0.36
BV4895	66.46118	Max WS	TR030_TP01H	10.46	26.68	28.98		29.07	0.004148	1.33	7.85	6.52	0.39
BV4895	66.46118	Max WS	TR030_TP03H	8.46	26.68	28.84		28.91	0.003781	1.21	6.97	6.27	0.37
BV4895	66.46118	Max WS	TR030_TP06H	6.29	26.68	28.68		28.74	0.003162	1.05	6.00	5.92	0.33
BV4895	16	Max WS	TR200_TP01H	9.52	26.66	29.05	27.80	29.08	0.001000	0.78	12.27	8.70	0.21
BV4895	16	Max WS	TR200_TP03H	7.71	26.66	28.85	27.68	28.88	0.001001	0.73	10.59	8.39	0.21
BV4895	16	Max WS	TR200_TP06H	6.67	26.66	28.73	27.60	28.76	0.001003	0.70	9.59	8.24	0.21
BV4895	16	Max WS	TR030_TP01H	8.25	26.66	28.91	27.72	28.94	0.001001	0.74	11.09	8.47	0.21
BV4895	16	Max WS	TR030_TP03H	6.98	26.66	28.77	27.63	28.80	0.001001	0.71	9.89	8.29	0.21
BV4895	16	Max WS	TR030_TP06H	5.66	26.66	28.61	27.52	28.63	0.001001	0.66	8.56	7.96	0.20

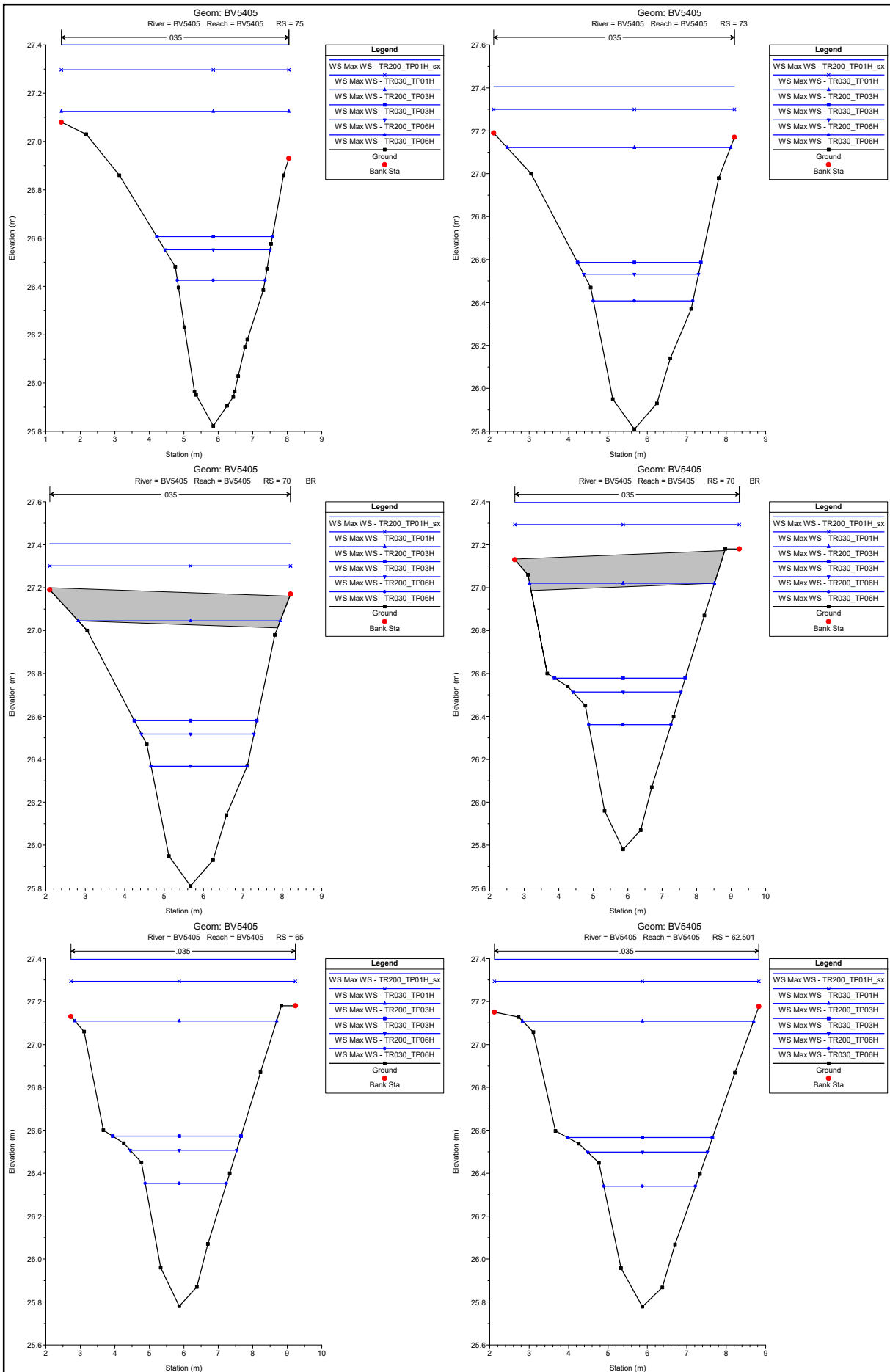


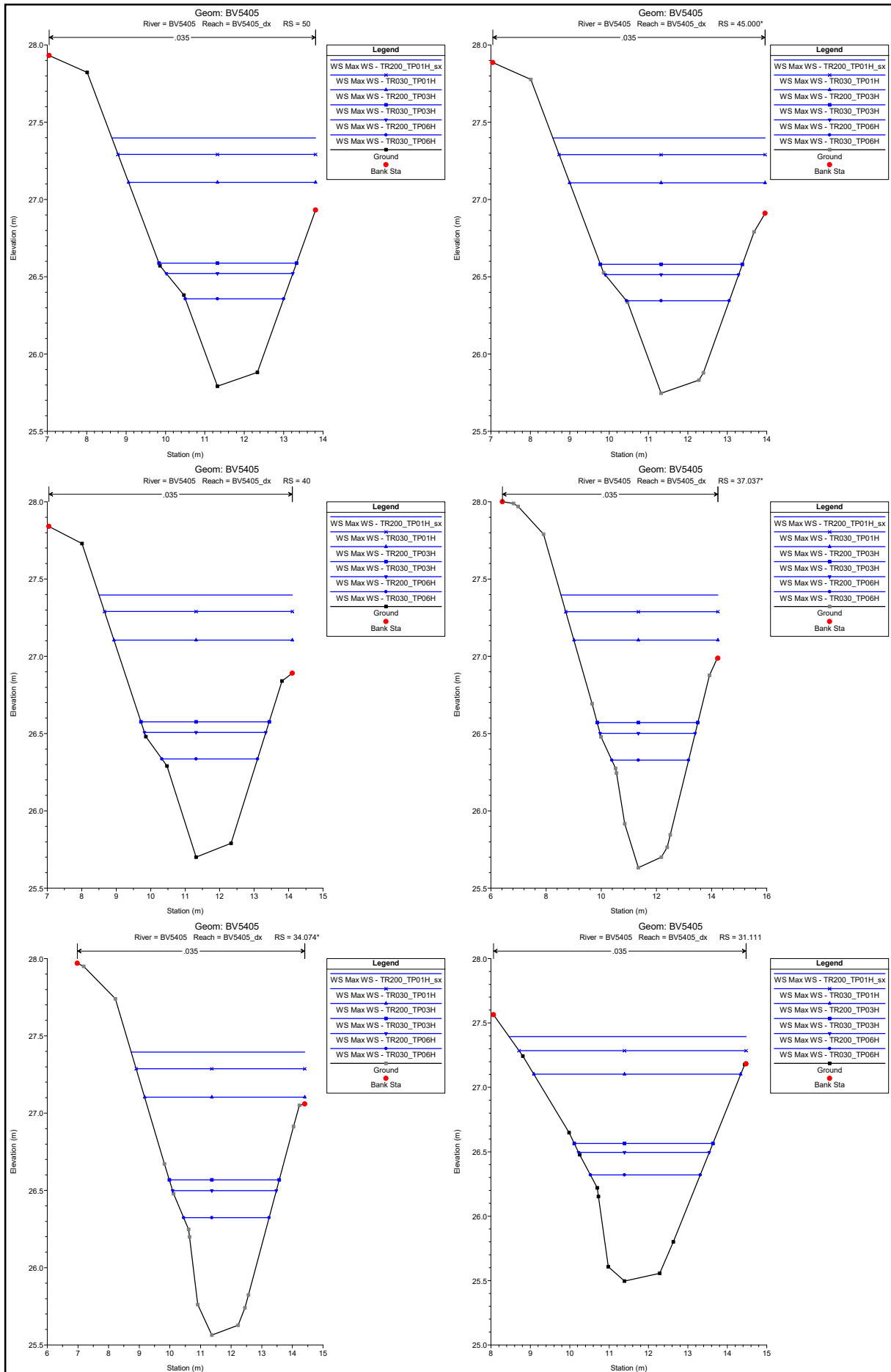


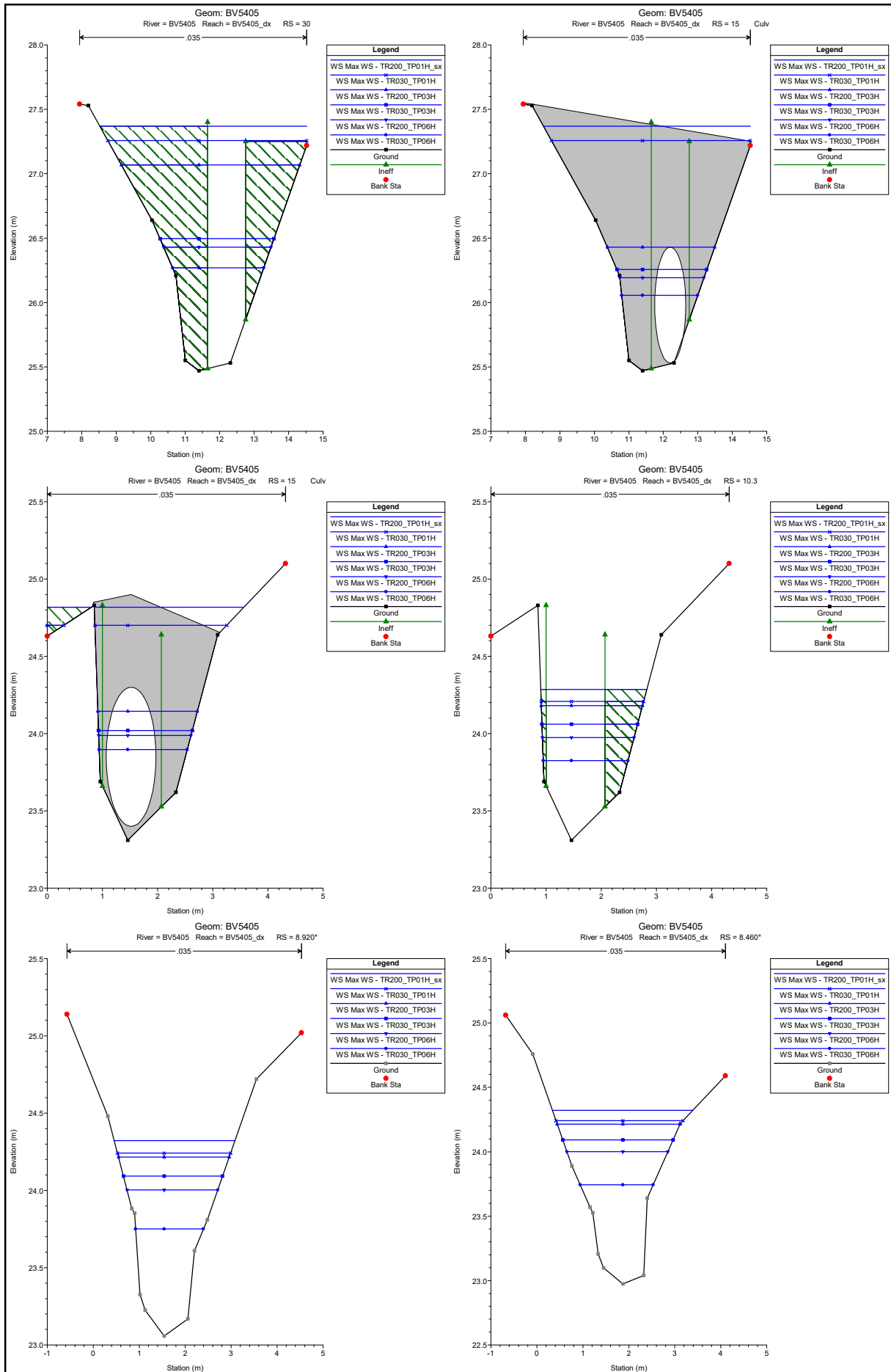


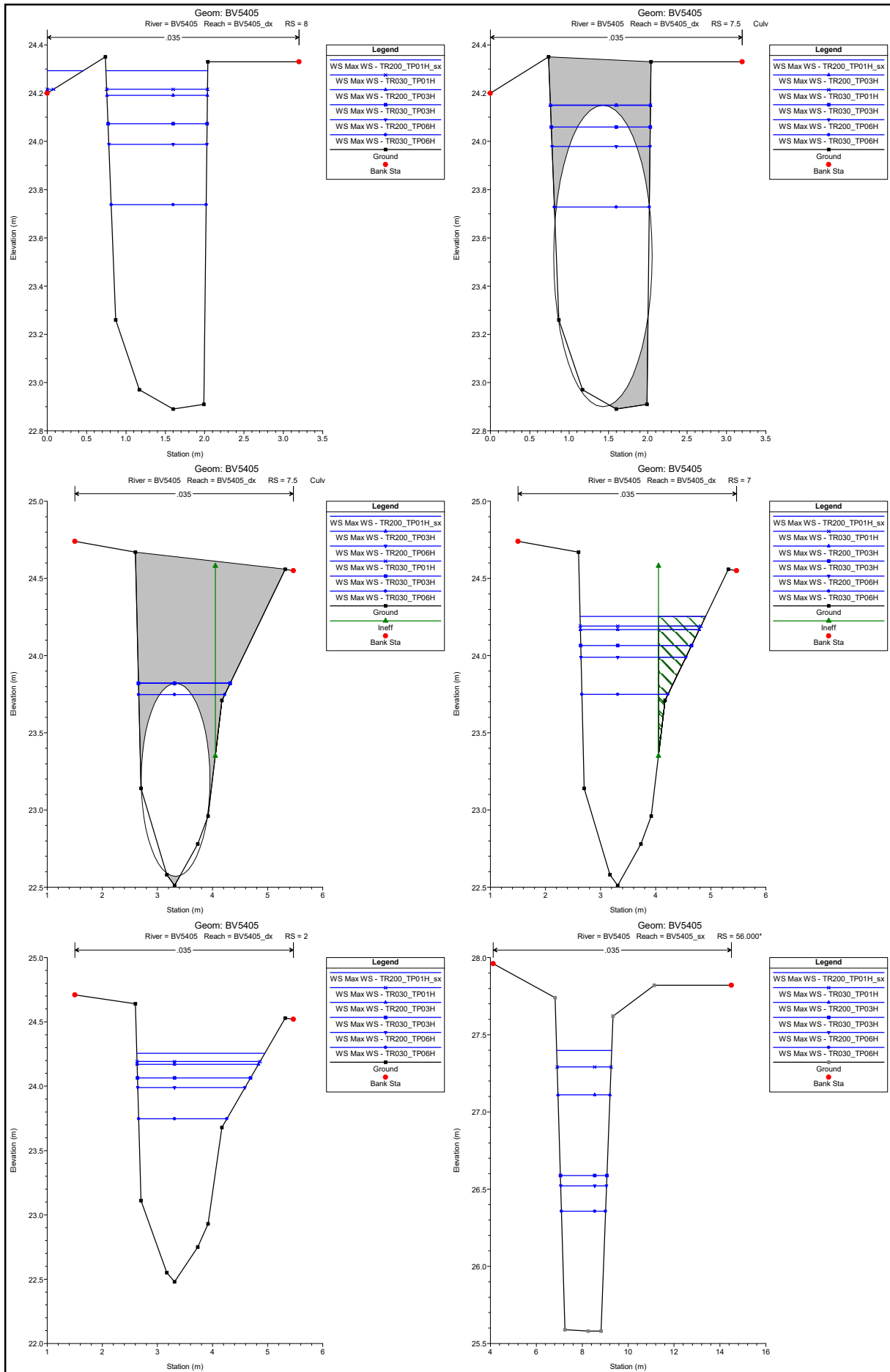


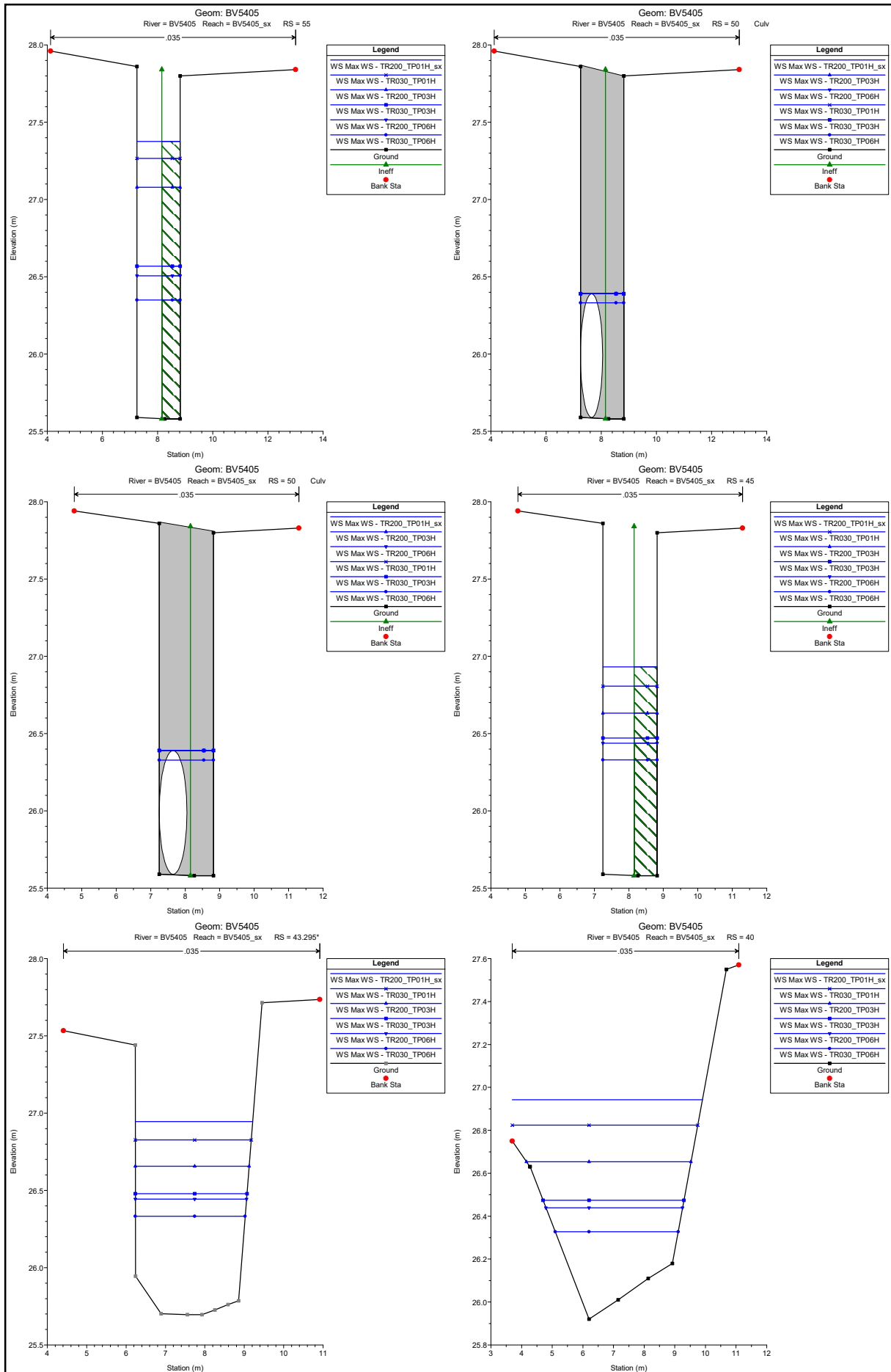


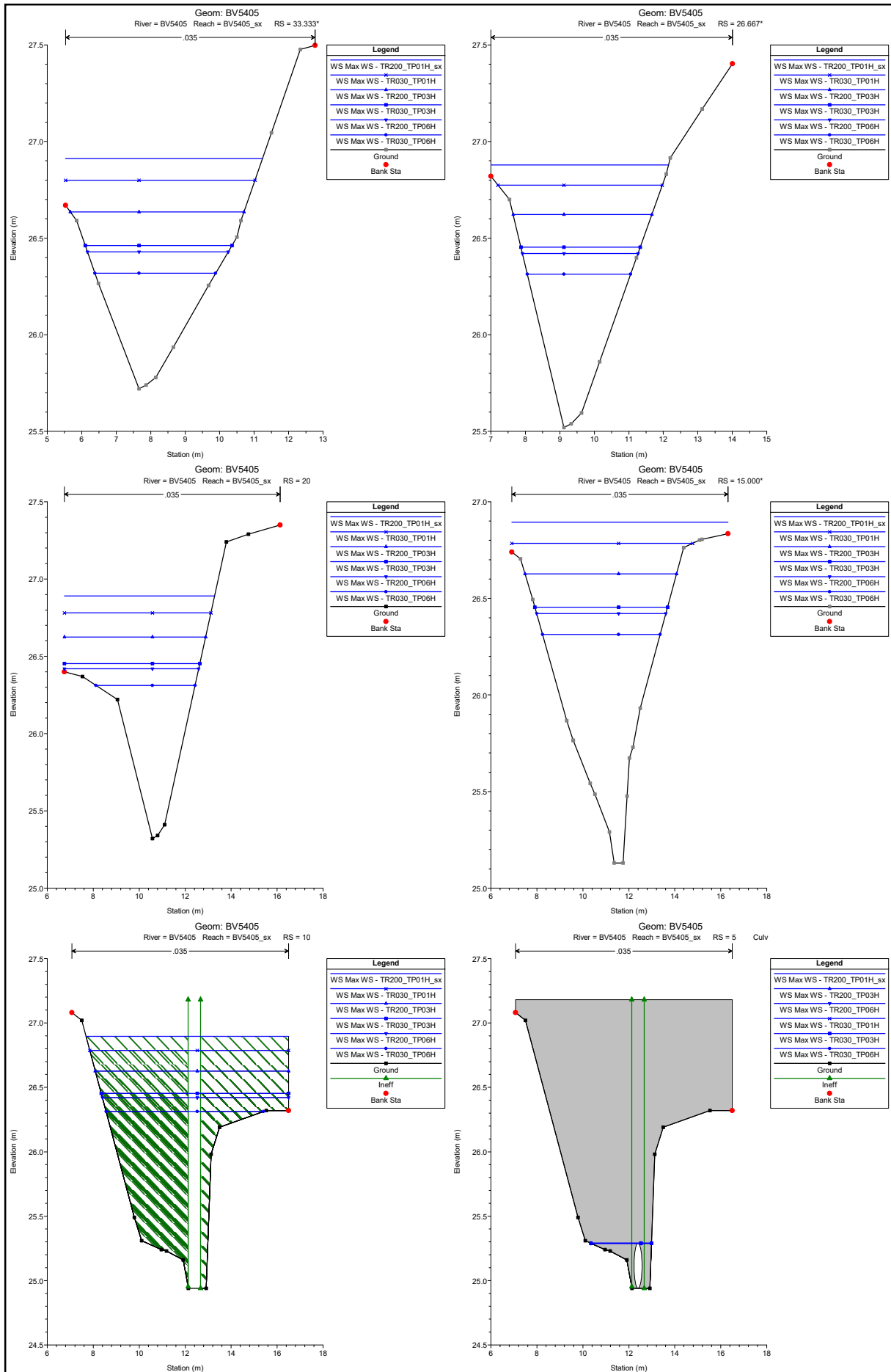


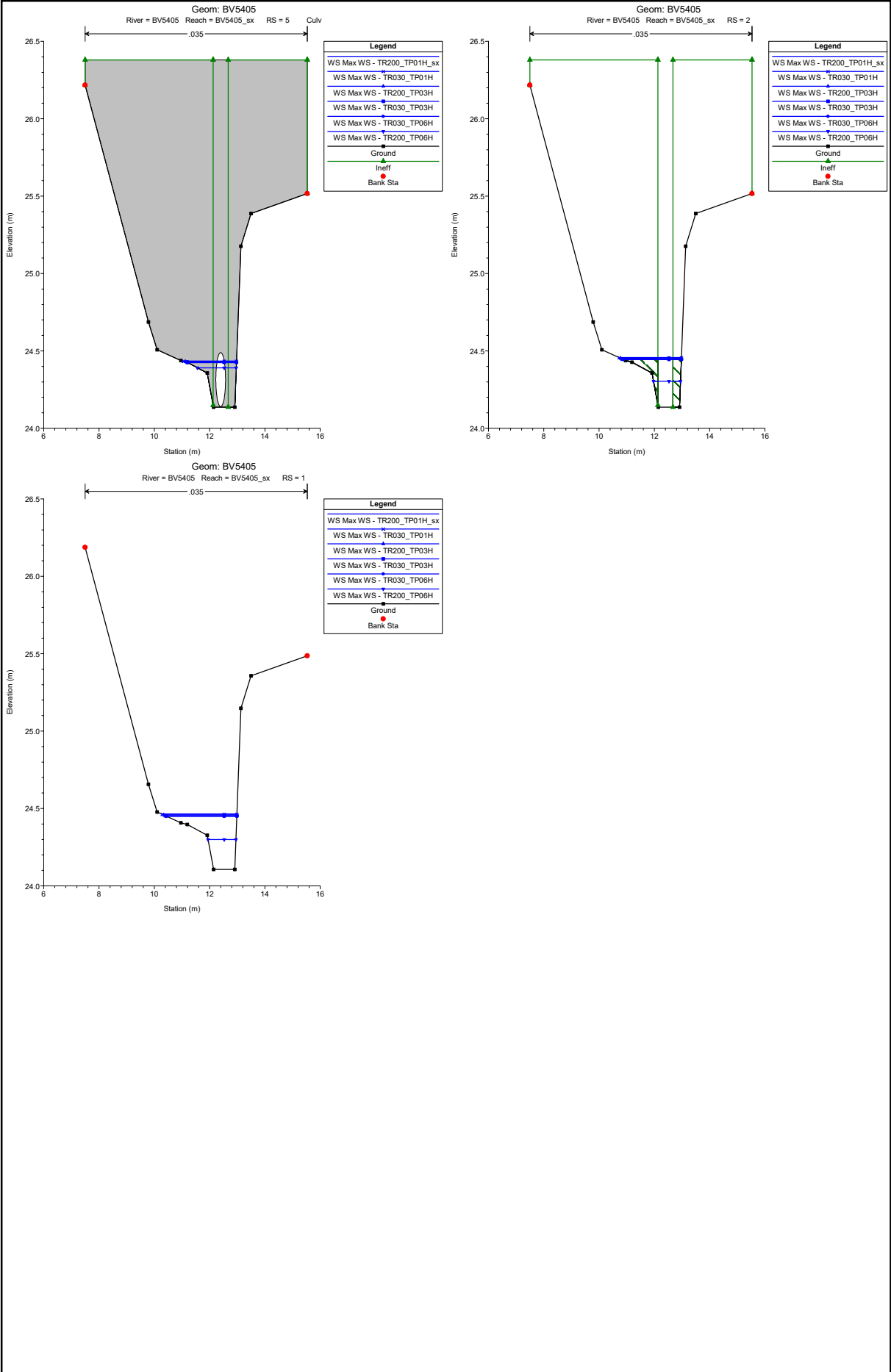












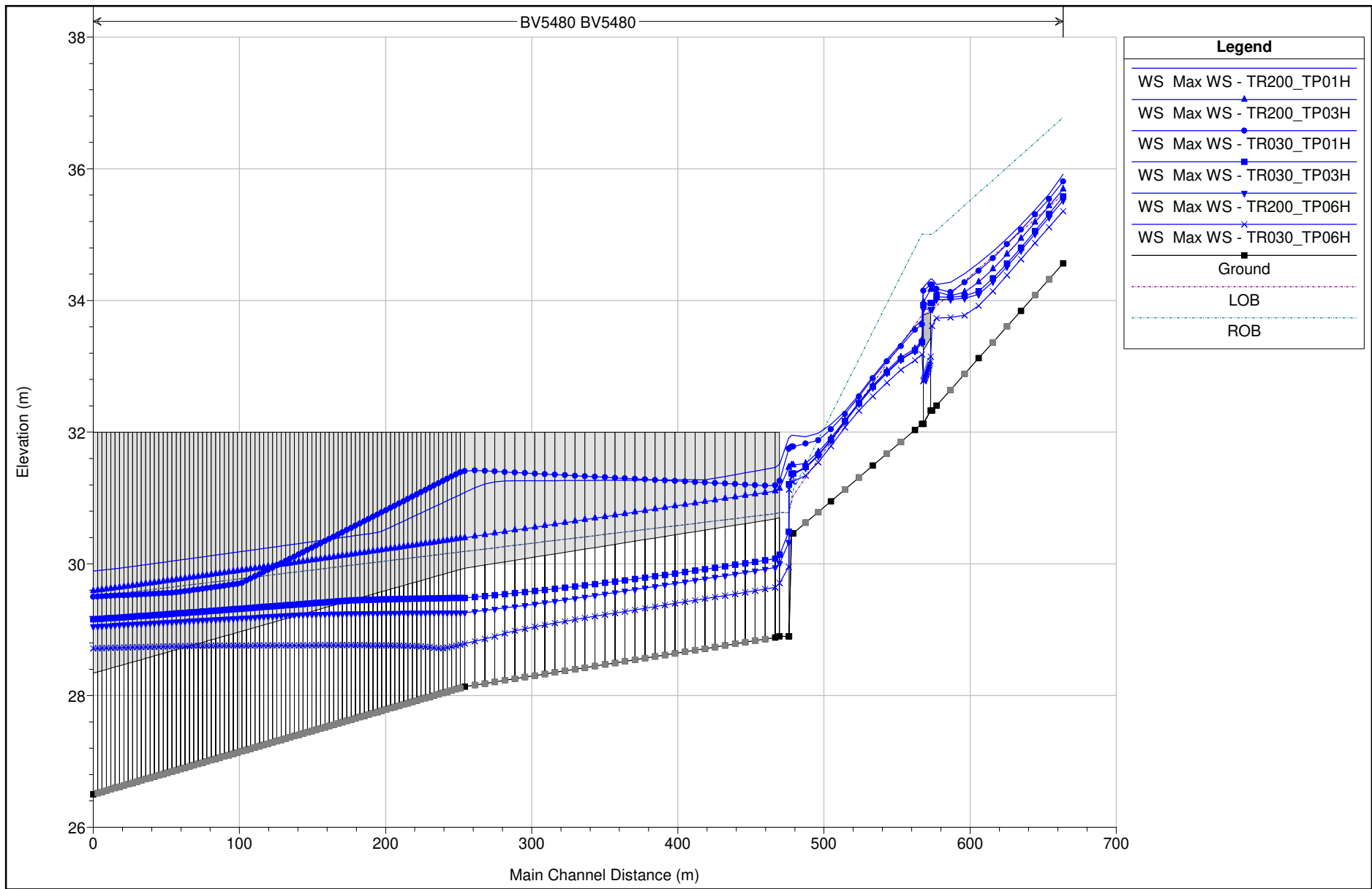
River	Reach	River Sta	Profile	Plan	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
BV5405	BV5405	245	Max WS	TR200_TP01H_sx	5.60	28.93	30.80		30.85	0.001671	1.02	5.48	4.37	0.29
BV5405	BV5405	245	Max WS	TR200_TP03H	2.50	28.93	30.65		30.67	0.000470	0.51	4.86	4.37	0.16
BV5405	BV5405	245	Max WS	TR200_TP06H	1.50	28.93	30.52		30.52	0.000246	0.35	4.26	4.37	0.11
BV5405	BV5405	245	Max WS	TR030_TP01H	4.00	28.93	30.74		30.77	0.000972	0.76	5.23	4.37	0.22
BV5405	BV5405	245	Max WS	TR030_TP03H	1.70	28.93	30.56		30.57	0.000278	0.38	4.46	4.37	0.12
BV5405	BV5405	245	Max WS	TR030_TP06H	1.00	28.93	29.92		29.94	0.001405	0.57	1.76	3.78	0.27
BV5405	BV5405	244.99												
BV5405	BV5405	244.98												
BV5405	BV5405	244.00*	Max WS	TR200_TP01H_sx	5.20	28.88	30.81		30.85	0.001190	0.90	5.79	4.59	0.26
BV5405	BV5405	244.00*	Max WS	TR200_TP03H	2.48	28.88	30.65		30.67	0.000392	0.49	5.07	4.59	0.15
BV5405	BV5405	244.00*	Max WS	TR200_TP06H	1.50	28.88	30.52		30.52	0.000210	0.34	4.45	4.59	0.11
BV5405	BV5405	244.00*	Max WS	TR030_TP01H	3.81	28.88	30.74		30.77	0.000742	0.69	5.49	4.59	0.20
BV5405	BV5405	244.00*	Max WS	TR030_TP03H	1.70	28.88	30.56		30.57	0.000237	0.37	4.65	4.59	0.12
BV5405	BV5405	244.00*	Max WS	TR030_TP06H	1.00	28.88	29.92		29.94	0.000849	0.50	2.01	3.66	0.21
BV5405	BV5405	243.00*	Max WS	TR200_TP01H_sx	4.30	28.84	30.83		30.86	0.000678	0.70	6.17	4.76	0.20
BV5405	BV5405	243.00*	Max WS	TR200_TP03H	2.22	28.84	30.66		30.67	0.000270	0.42	5.34	4.73	0.12
BV5405	BV5405	243.00*	Max WS	TR200_TP06H	1.48	28.84	30.52		30.52	0.000166	0.31	4.70	4.41	0.10
BV5405	BV5405	243.00*	Max WS	TR030_TP01H	3.22	28.84	30.76		30.77	0.000452	0.56	5.80	4.76	0.16
BV5405	BV5405	243.00*	Max WS	TR030_TP03H	1.63	28.84	30.56		30.57	0.000182	0.33	4.90	4.51	0.10
BV5405	BV5405	243.00*	Max WS	TR030_TP06H	1.00	28.84	29.92		29.93	0.000527	0.43	2.31	3.53	0.17
BV5405	BV5405	242.00*	Max WS	TR200_TP01H_sx	3.12	28.80	30.85		30.86	0.000320	0.49	6.42	4.73	0.13
BV5405	BV5405	242.00*	Max WS	TR200_TP03H	1.81	28.80	30.66		30.67	0.000157	0.33	5.54	4.51	0.09
BV5405	BV5405	242.00*	Max WS	TR200_TP06H	1.39	28.80	30.52		30.52	0.000125	0.28	4.92	4.19	0.08
BV5405	BV5405	242.00*	Max WS	TR030_TP01H	2.42	28.80	30.77		30.78	0.000231	0.40	6.02	4.73	0.11
BV5405	BV5405	242.00*	Max WS	TR030_TP03H	1.47	28.80	30.57		30.57	0.000124	0.29	5.11	4.21	0.08
BV5405	BV5405	242.00*	Max WS	TR030_TP06H	1.00	28.80	29.93		29.93	0.000349	0.38	2.64	3.47	0.14
BV5405	BV5405	241	Max WS	TR200_TP01H_sx	1.60	28.75	30.86		30.88	0.001188	0.56	2.94	5.08	0.22
BV5405	BV5405	241	Max WS	TR200_TP03H	1.46	28.75	30.66		30.67	0.002159	0.77	1.90	4.15	0.32
BV5405	BV5405	241	Max WS	TR200_TP06H	1.37	28.75	30.48		30.52	0.000487	0.86	1.60	3.91	0.21
BV5405	BV5405	241	Max WS	TR030_TP01H	1.54	28.75	30.76		30.78	0.001944	0.65	2.42	5.08	0.27
BV5405	BV5405	241	Max WS	TR030_TP03H	1.40	28.75	30.52		30.56	0.000461	0.85	1.64	3.95	0.21
BV5405	BV5405	241	Max WS	TR030_TP06H	1.00	28.75	29.87		29.92	0.001149	0.98	1.02	3.35	0.30
BV5405	BV5405	238												
BV5405	BV5405	235	Max WS	TR200_TP01H_sx	1.60	28.52	29.47		29.67	0.005982	1.97	0.81	2.34	0.68
BV5405	BV5405	235	Max WS	TR200_TP03H	1.46	28.52	29.20	29.24	29.56	0.018194	2.65	0.55	2.06	1.11
BV5405	BV5405	235	Max WS	TR200_TP06H	1.37	28.52	29.07	29.21	29.59	0.035749	3.17	0.43	1.93	1.50
BV5405	BV5405	235	Max WS	TR030_TP01H	1.54	28.52	29.27	29.26	29.58	0.013463	2.47	0.62	2.13	0.98
BV5405	BV5405	235	Max WS	TR030_TP03H	1.40	28.52	29.09	29.22	29.58	0.032173	3.09	0.45	1.95	1.43
BV5405	BV5405	235	Max WS	TR030_TP06H	1.00	28.52	28.97	29.10	29.42	0.042985	2.95	0.34	1.83	1.58
BV5405	BV5405	234.99												
BV5405	BV5405	234.98												
BV5405	BV5405	227.33*	Max WS	TR200_TP01H_sx	2.41	28.38	29.46		29.51	0.002445	0.96	2.51	3.64	0.37
BV5405	BV5405	227.33*	Max WS	TR200_TP03H	1.60	28.38	29.07		29.15	0.006936	1.27	1.26	2.73	0.59
BV5405	BV5405	227.33*	Max WS	TR200_TP06H	1.36	28.38	28.88	28.87	29.03	0.019940	1.76	0.77	2.31	0.97
BV5405	BV5405	227.33*	Max WS	TR030_TP01H	1.96	28.38	29.31		29.36	0.003053	0.99	1.98	3.27	0.41
BV5405	BV5405	227.33*	Max WS	TR030_TP03H	1.42	28.38	28.91		29.05	0.016606	1.67	0.85	2.38	0.89
BV5405	BV5405	227.33*	Max WS	TR030_TP06H	1.00	28.38	28.77	28.80	28.94	0.028845	1.83	0.55	2.09	1.14
BV5405	BV5405	219.67*	Max WS	TR200_TP01H_sx	2.42	28.24	29.46		29.50	0.002154	0.91	2.66	3.66	0.34
BV5405	BV5405	219.67*	Max WS	TR200_TP03H	1.60	28.24	29.07		29.13	0.004856	1.12	1.43	2.63	0.49
BV5405	BV5405	219.67*	Max WS	TR200_TP06H	1.38	28.24	28.82		28.95	0.014817	1.64	0.84	2.11	0.83
BV5405	BV5405	219.67*	Max WS	TR030_TP01H	1.96	28.24	29.31		29.35	0.002512	0.92	2.13	3.22	0.36
BV5405	BV5405	219.67*	Max WS	TR030_TP03H	1.42	28.24	28.90		29.00	0.009145	1.39	1.02	2.23	0.65
BV5405	BV5405	219.67*	Max WS	TR030_TP06H	0.99	28.24	28.69	28.68	28.83	0.021870	1.70	0.58	1.91	0.98
BV5405	BV5405	212.00	Max WS	TR200_TP01H_sx	3.96	28.10	29.08	29.05	29.35	0.018545	2.28	1.74	2.90	0.94
BV5405	BV5405	212.00	Max WS	TR200_TP03H	2.09	28.10	28.84		29.03	0.018172	1.93	1.08	2.29	0.89
BV5405	BV5405	212.00	Max WS	TR200_TP06H	1.48	28.10	28.72		28.88	0.016858	1.76	0.84	1.88	0.84
BV5405	BV5405	212.00	Max WS	TR030_TP01H	2.92	28.10	29.16		29.27	0.007321	1.50	1.95	3.03	0.60
BV5405	BV5405	212.00	Max WS	TR030_TP03H	1.62	28.10	28.75		28.91	0.017041	1.80	0.90	1.96	0.85
BV5405	BV5405	212.00	Max WS	TR030_TP06H	1.02	28.10	28.62		28.74	0.015854	1.55	0.66	1.76	0.81
BV5405	BV5405	200.50*	Max WS	TR200_TP01H_sx	4.57	27.88	28.81	28.84	29.13	0.021329	2.50	1.83	3.26	1.06
BV5405	BV5405	200.50*	Max WS	TR200_TP03H	2.26	27.88	28.56	28.58	28.78	0.022786	2.09	1.08	2.72	1.06
BV5405	BV5405	200.50*	Max WS	TR200_TP06H	1.50	27.88	28.46	28.46	28.63	0.023480	1.89	0.79	2.42	1.05
BV5405	BV5405	200.50*	Max WS	TR030_TP01H	3.32	27.88	28.64	28.70	28.97	0.028832	2.54	1.31	2.90	1.21
BV5405	BV5405	200.50*	Max WS	TR030_TP03H	1.67	27.88	28.48	28.49	28.67	0.023409	1.94	0.86	2.51	1.06
BV5405	BV5405	200.50*	Max WS	TR030_TP06H	1.01	27.88	28.36	28.37	28.51	0.023280	1.69	0.60	2.13	1.02
BV5405	BV5405	189.00	Max WS	TR200_TP01H_sx	4.71	27.67	28.55		28.79	0.014749	2.20	2.14	3.62	0.91
BV5405	BV5405	189.00	Max WS	TR200_TP03H	2.29	27.67	28.29		28.45	0.014985	1.79	1.28	3.09	0.89
BV5405	BV5405	189.00	Max WS	TR200_TP06H	1.50	27.67	28.17		28.31	0.015934	1.60	0.93	2.85	0.89
BV5405	BV5405	189.00	Max WS	TR030_TP01H	3.40	27.67	28.42		28.62	0.015095	2.02	1.69	3.35	0.91
BV5405	BV5405	189.00	Max WS	TR030_TP03H	1.67	27.67	28.20		28.34	0.015836	1.66	1.01	2.90	0.90
BV5405	BV5405	189.00	Max WS	TR030_TP06H	1.00	27.67	28.09		28.20	0.015802	1.41	0.71	2.66	0.87
BV5405	BV5405	188.98												
BV5405	BV5405	179.14*	Max WS	TR200_TP01H_sx	4.72	27.49	28.40		28.63	0.013530	2.14	2.21	3.61	0.87
BV5405	BV5405	179.14*	Max WS	TR200_TP03H	2.30	27.49	28.11		28.28	0.015751	1.83	1.25	3.02	0.91
BV5405	BV5405	179.14*	Max WS	TR200_TP06H	1.50	27.49	28.00		28.13	0.015711	1.61	0.93	2.79	0.89
BV5405	BV5405	179.14*	Max WS	TR030_TP01H	3.42	27.49	28.25		28.46	0.014672	2.01	1.70	3.31	0.90
BV5405	BV5405	179.14*	Max WS	TR030_TP03H	1.67	27.49	28.03		28.17	0.015636	1.66	1.01	2.85	0.89
BV5405	BV5405	179.14*	Max WS	TR030_TP06H	1.00	27.49	27.91		28.02	0.016009	1.42	0.70	2.62	0.88
BV5405	BV5405	169.29*	Max WS	TR200_TP01H_sx	4.72	27.31	28.29		28.48	0.010186	1.94	2.44	3.70	0.76
BV5405	BV5405	169.29*	Max WS	TR200_TP03H	2.30	27.31	27.95		28.11	0.014159	1.78	1.29	3.00	0.86
BV5405	BV5405	169.29*	Max WS	TR200_TP06H	1.50	27.31	27.82		27.95	0.015772	1.62	0.92	2.73	0.89
BV5405	BV5405	169.29*	Max WS	TR030_TP01H	3.43	27.31	28.12		28.30	0.011673	1.86	1.84	3.35	0.80
BV5405	BV5405	169.29*	Max WS	TR030_TP03H	1.67	27.31	27.85		27.99	0.015923	1.68	0.99	2.78	0.90
BV5405	BV5405	169.29*	Max WS	TR030_TP06H	1.00	27.31	27.74		27.84	0.015715	1.43	0.70	2.56	0.87
BV5405</														

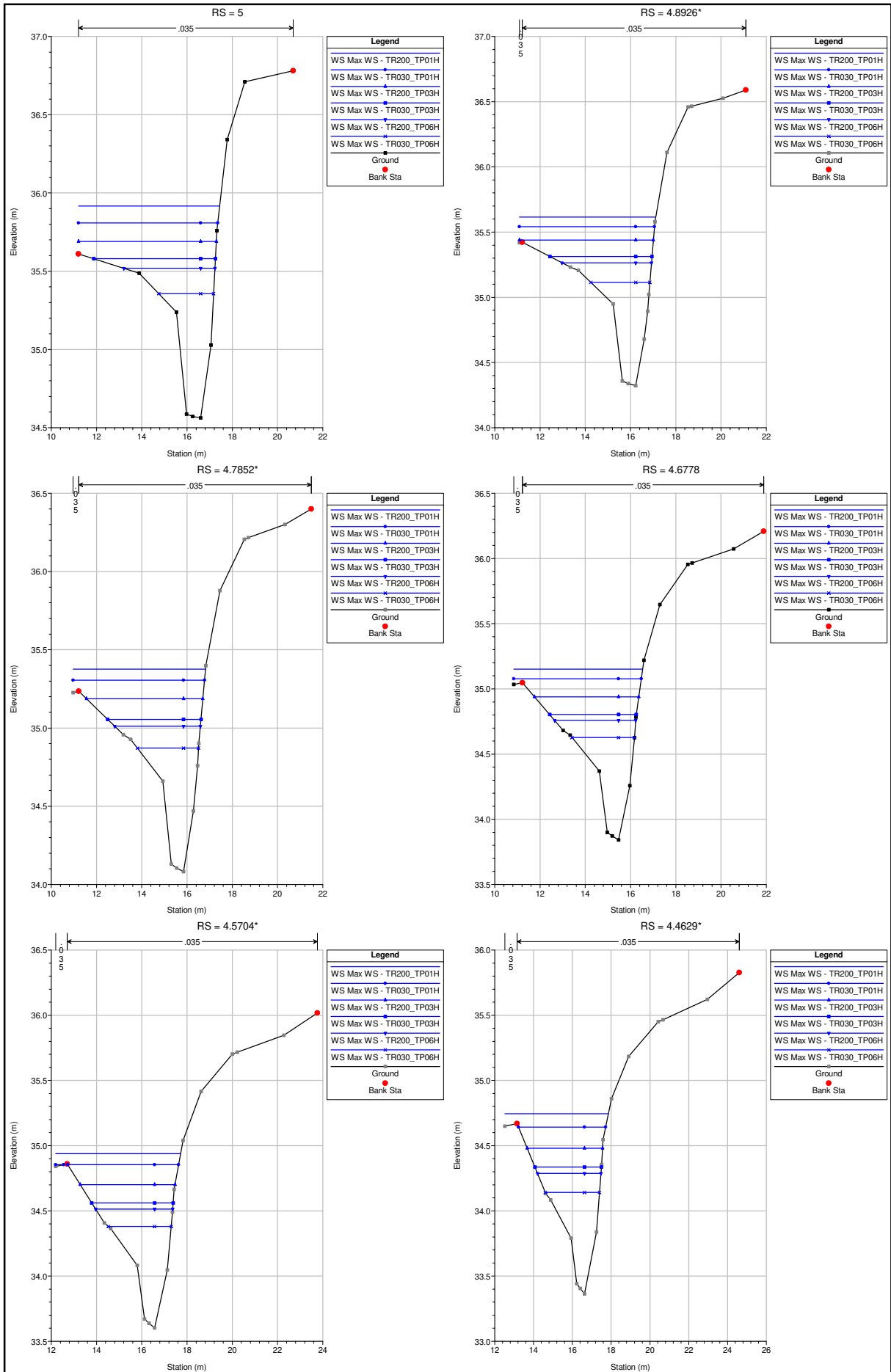
HEC-RAS Profile: Max WS (Continued)

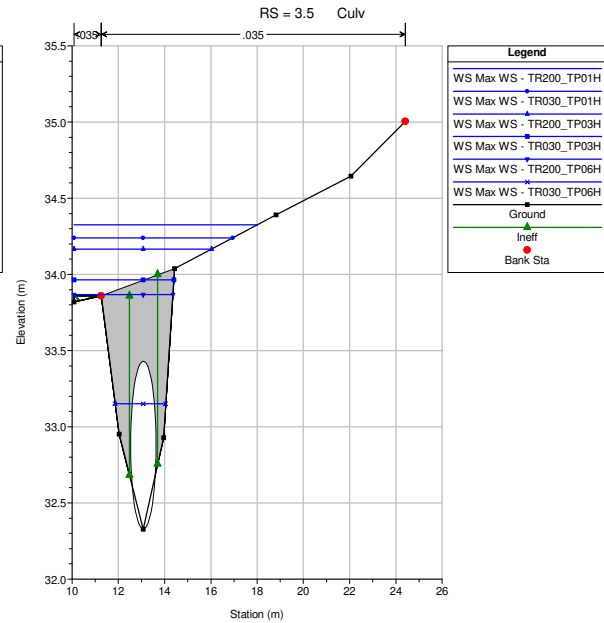
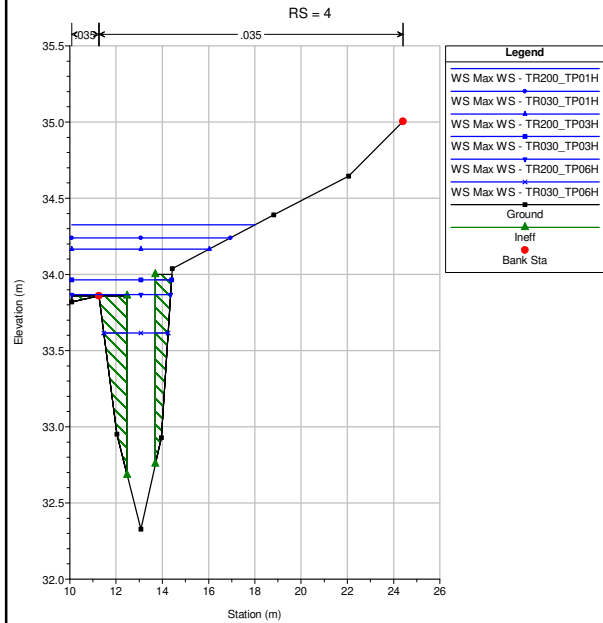
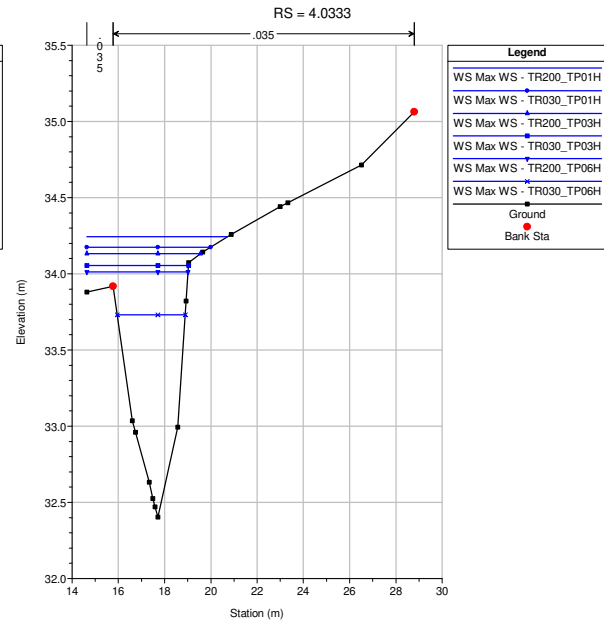
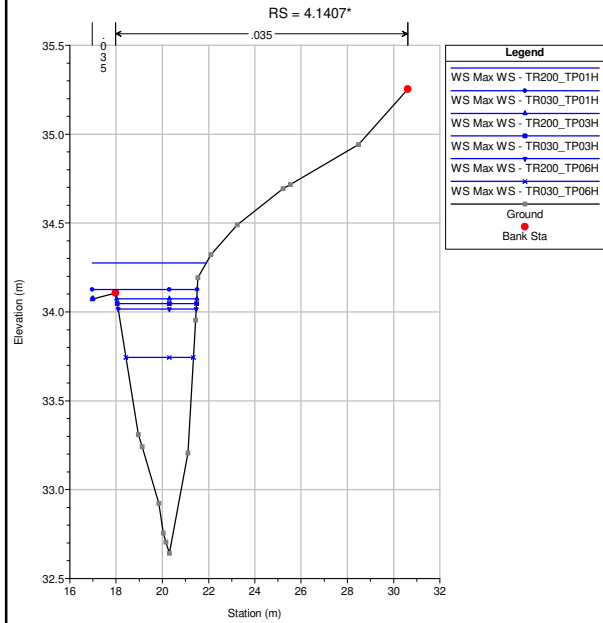
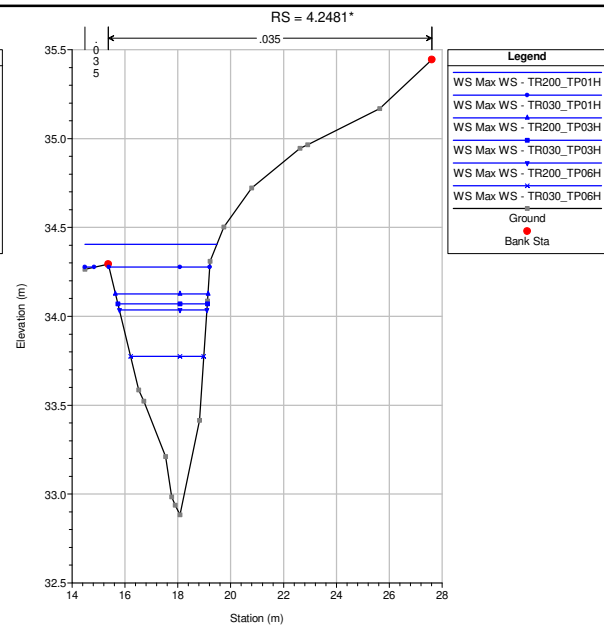
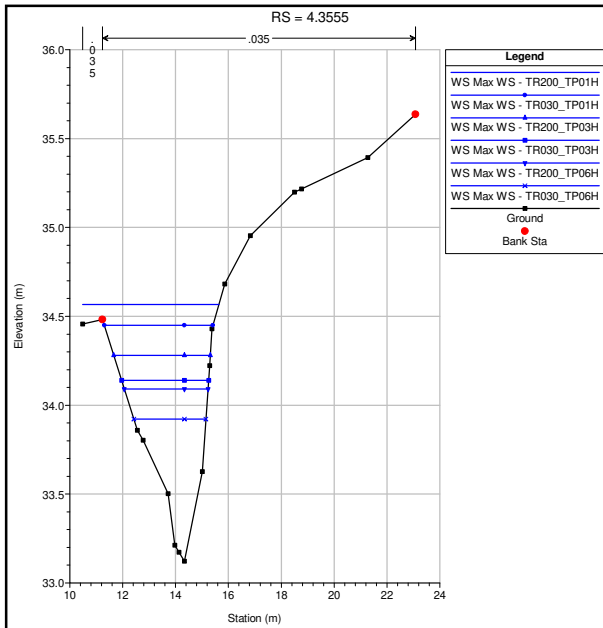
River	Reach	River Sta	Profile	Plan	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
BV5405	BV5405	158.98			Lat Struct									
BV5405	BV5405	149.57*	Max WS	TR200_TP01H_sx	4.96	26.94	27.91		28.15	0.013430	2.18	2.28	3.52	0.87
BV5405	BV5405	149.57*	Max WS	TR200_TP03H	2.33	26.94	27.59		27.77	0.015372	1.85	1.25	2.87	0.90
BV5405	BV5405	149.57*	Max WS	TR200_TP06H	1.50	26.94	27.47		27.60	0.015709	1.64	0.91	2.61	0.89
BV5405	BV5405	149.57*	Max WS	TR030_TP01H	3.56	26.94	27.76		27.97	0.013929	2.02	1.76	3.21	0.87
BV5405	BV5405	149.57*	Max WS	TR030_TP03H	1.67	26.94	27.49		27.64	0.016008	1.71	0.98	2.67	0.90
BV5405	BV5405	149.57*	Max WS	TR030_TP06H	1.00	26.94	27.38		27.49	0.015328	1.44	0.70	2.44	0.86
BV5405	BV5405	139.71*	Max WS	TR200_TP01H_sx	4.96	26.76	27.81		28.01	0.010307	1.98	2.50	3.60	0.76
BV5405	BV5405	139.71*	Max WS	TR200_TP03H	2.33	26.76	27.46		27.61	0.011705	1.69	1.38	2.90	0.78
BV5405	BV5405	139.71*	Max WS	TR200_TP06H	1.50	26.76	27.29		27.43	0.015732	1.65	0.91	2.55	0.89
BV5405	BV5405	139.71*	Max WS	TR030_TP01H	3.56	26.76	27.65		27.82	0.010238	1.81	1.97	3.29	0.75
BV5405	BV5405	139.71*	Max WS	TR030_TP03H	1.67	26.76	27.32		27.47	0.015232	1.69	0.99	2.62	0.88
BV5405	BV5405	139.71*	Max WS	TR030_TP06H	1.00	26.76	27.19		27.31	0.016674	1.49	0.67	2.36	0.89
BV5405	BV5405	138.98			Lat Struct									
BV5405	BV5405	138.9			Lat Struct									
BV5405	BV5405	129.86*	Max WS	TR200_TP01H_sx	5.04	26.58	27.72		27.88	0.008722	1.79	2.82	4.22	0.70
BV5405	BV5405	129.86*	Max WS	TR200_TP03H	2.34	26.58	27.39		27.49	0.007021	1.41	1.66	3.05	0.61
BV5405	BV5405	129.86*	Max WS	TR200_TP06H	1.50	26.58	27.17		27.27	0.010516	1.44	1.04	2.61	0.73
BV5405	BV5405	129.86*	Max WS	TR030_TP01H	3.60	26.58	27.58		27.71	0.006906	1.57	2.29	3.44	0.61
BV5405	BV5405	129.86*	Max WS	TR030_TP03H	1.68	26.58	27.21		27.32	0.010063	1.46	1.14	2.69	0.72
BV5405	BV5405	129.86*	Max WS	TR030_TP06H	1.00	26.58	27.05		27.14	0.011715	1.33	0.75	2.37	0.75
BV5405	BV5405	120	Max WS	TR200_TP01H_sx	5.05	26.40	27.68		27.79	0.005308	1.43	3.53	5.03	0.54
BV5405	BV5405	120	Max WS	TR200_TP03H	2.34	26.40	27.35		27.41	0.003803	1.13	2.08	3.27	0.45
BV5405	BV5405	120	Max WS	TR200_TP06H	1.50	26.40	27.11		27.17	0.005033	1.11	1.35	2.79	0.51
BV5405	BV5405	120	Max WS	TR030_TP01H	3.61	26.40	27.54		27.63	0.005088	1.27	2.85	4.84	0.53
BV5405	BV5405	120	Max WS	TR030_TP03H	1.68	26.40	27.15		27.22	0.005000	1.14	1.47	2.87	0.51
BV5405	BV5405	120	Max WS	TR030_TP06H	1.00	26.40	26.99		27.04	0.004855	0.98	1.02	2.54	0.49
BV5405	BV5405	106.00*	Max WS	TR200_TP01H_sx	5.08	26.27	27.55		27.66	0.004897	1.43	3.56	4.88	0.53
BV5405	BV5405	106.00*	Max WS	TR200_TP03H	2.34	26.27	27.27		27.32	0.003320	1.03	2.26	3.83	0.43
BV5405	BV5405	106.00*	Max WS	TR200_TP06H	1.47	26.27	26.99		27.05	0.004689	1.07	1.37	2.87	0.50
BV5405	BV5405	106.00*	Max WS	TR030_TP01H	3.63	26.27	27.44		27.51	0.004238	1.22	2.99	4.82	0.49
BV5405	BV5405	106.00*	Max WS	TR030_TP03H	1.66	26.27	27.04		27.10	0.004659	1.11	1.50	2.97	0.50
BV5405	BV5405	106.00*	Max WS	TR030_TP06H	1.00	26.27	26.87		26.92	0.004747	0.97	1.03	2.58	0.49
BV5405	BV5405	92.00*	Max WS	TR200_TP01H_sx	5.05	26.14	27.44		27.53	0.004746	1.34	3.77	5.88	0.53
BV5405	BV5405	92.00*	Max WS	TR200_TP03H	2.34	26.14	27.20		27.25	0.002452	0.92	2.56	4.27	0.38
BV5405	BV5405	92.00*	Max WS	TR200_TP06H	1.47	26.14	26.88		26.94	0.004543	1.05	1.39	3.00	0.49
BV5405	BV5405	92.00*	Max WS	TR030_TP01H	3.63	26.14	27.35		27.41	0.003442	1.11	3.27	5.35	0.45
BV5405	BV5405	92.00*	Max WS	TR030_TP03H	1.66	26.14	26.92		26.98	0.004463	1.08	1.53	3.13	0.49
BV5405	BV5405	92.00*	Max WS	TR030_TP06H	1.00	26.14	26.75		26.80	0.004773	0.97	1.03	2.62	0.49
BV5405	BV5405	78	Max WS	TR200_TP01H_sx	4.38	26.01	27.41		27.45	0.001689	0.89	4.91	6.28	0.32
BV5405	BV5405	78	Max WS	TR200_TP03H	2.46	26.01	27.16		27.18	0.001786	0.74	3.32	6.28	0.33
BV5405	BV5405	78	Max WS	TR200_TP06H	1.49	26.01	26.76		26.81	0.005118	1.06	1.40	3.34	0.52
BV5405	BV5405	78	Max WS	TR030_TP01H	3.61	26.01	27.30		27.34	0.001795	0.85	4.24	6.28	0.33
BV5405	BV5405	78	Max WS	TR030_TP03H	1.69	26.01	26.80		26.86	0.005079	1.08	1.57	3.65	0.52
BV5405	BV5405	78	Max WS	TR030_TP06H	1.00	26.01	26.63		26.68	0.004911	0.98	1.02	2.61	0.50
BV5405	BV5405	76.500*	Max WS	TR200_TP01H_sx	4.41	25.92	27.38		27.42	0.001410	0.84	5.26	6.44	0.30
BV5405	BV5405	76.500*	Max WS	TR200_TP03H	2.48	25.92	27.13		27.15	0.001402	0.68	3.63	6.44	0.29
BV5405	BV5405	76.500*	Max WS	TR200_TP06H	1.49	25.92	26.66		26.72	0.005349	1.08	1.37	3.27	0.53
BV5405	BV5405	76.500*	Max WS	TR030_TP01H	3.51	25.92	27.28		27.31	0.001344	0.76	4.60	6.44	0.29
BV5405	BV5405	76.500*	Max WS	TR030_TP03H	1.69	25.92	26.71		26.77	0.005245	1.10	1.54	3.56	0.53
BV5405	BV5405	76.500*	Max WS	TR030_TP06H	1.00	25.92	26.54		26.59	0.005248	1.00	1.00	2.64	0.52
BV5405	BV5405	75	Max WS	TR200_TP01H_sx	2.96	25.82	27.40		27.41	0.000483	0.51	5.82	6.60	0.17
BV5405	BV5405	75	Max WS	TR200_TP03H	2.08	25.82	27.12		27.14	0.000756	0.52	4.00	6.60	0.21
BV5405	BV5405	75	Max WS	TR200_TP06H	1.49	25.82	26.55		26.62	0.006219	1.16	1.28	3.05	0.57
BV5405	BV5405	75	Max WS	TR030_TP01H	2.13	25.82	27.30		27.31	0.000363	0.41	5.14	6.60	0.15
BV5405	BV5405	75	Max WS	TR030_TP03H	1.69	25.82	26.61		26.67	0.005881	1.16	1.46	3.35	0.56
BV5405	BV5405	75	Max WS	TR030_TP06H	1.00	25.82	26.43		26.48	0.006289	1.07	0.94	2.54	0.56
BV5405	BV5405	73	Max WS	TR200_TP01H_sx	2.31	25.81	27.41	26.49	27.41	0.000332	0.43	5.41	6.11	0.14
BV5405	BV5405	73	Max WS	TR200_TP03H	1.99	25.81	27.12	26.44	27.14	0.000738	0.54	3.69	5.67	0.21
BV5405	BV5405	73	Max WS	TR200_TP06H	1.49	25.81	26.53	26.37	26.60	0.006375	1.19	1.25	2.91	0.58
BV5405	BV5405	73	Max WS	TR030_TP01H	1.70	25.81	27.30	26.40	27.31	0.000262	0.36	4.77	6.11	0.13
BV5405	BV5405	73	Max WS	TR030_TP03H	1.69	25.81	26.59	26.40	26.66	0.005947	1.19	1.42	3.13	0.56
BV5405	BV5405	73	Max WS	TR030_TP06H	1.00	25.81	26.41	26.27	26.47	0.006658	1.09	0.92	2.52	0.58
BV5405	BV5405	70			Bridge									
BV5405	BV5405	65	Max WS	TR200_TP01H_sx	2.31	25.78	27.40		27.40	0.000276	0.39	5.85	6.51	0.13
BV5405	BV5405	65	Max WS	TR200_TP03H	1.99	25.78	27.11		27.12	0.000580	0.50	4.02	5.84	0.19
BV5405	BV5405	65	Max WS	TR200_TP06H	1.49	25.78	26.51		26.58	0.007277	1.22	1.23	3.09	0.62
BV5405	BV5405	65	Max WS	TR030_TP01H	1.70	25.78	27.29		27.30	0.000215	0.33	5.18	6.51	0.12
BV5405	BV5405	65	Max WS	TR030_TP03H	1.69	25.78	26.57		26.64	0.006764	1.17	1.44	3.72	0.60
BV5405	BV5405	65	Max WS	TR030_TP06H	1.00	25.78	26.35		26.43	0.008951	1.23	0.82	2.36	0.67
BV5405	BV5405	62.501	Max WS	TR200_TP01H_sx	2.31	25.78	27.40		27.40	0.000272	0.39	5.94	6.71	0.13
BV5405	BV5405	62.501	Max WS	TR200_TP03H	1.99	25.78	27.11		27.12	0.000577	0.49	4.03	5.86	0.19
BV5405	BV5405	62.501	Max WS	TR200_TP06H	1.49	25.78	26.50		26.58	0.007541	1.24	1.20	3.04	0.63
BV5405	BV5405	62.501	Max WS	TR030_TP01H	1.70	25.78	27.29		27.30	0.000213	0.32	5.25	6.71	0.12
BV5405	BV5405	62.501	Max WS	TR030_TP03H	1.69	25.78	26.57		26.64	0.006889	1.18	1.43	3.68	0.60
BV5405	BV5405	62.501	Max WS	TR0										

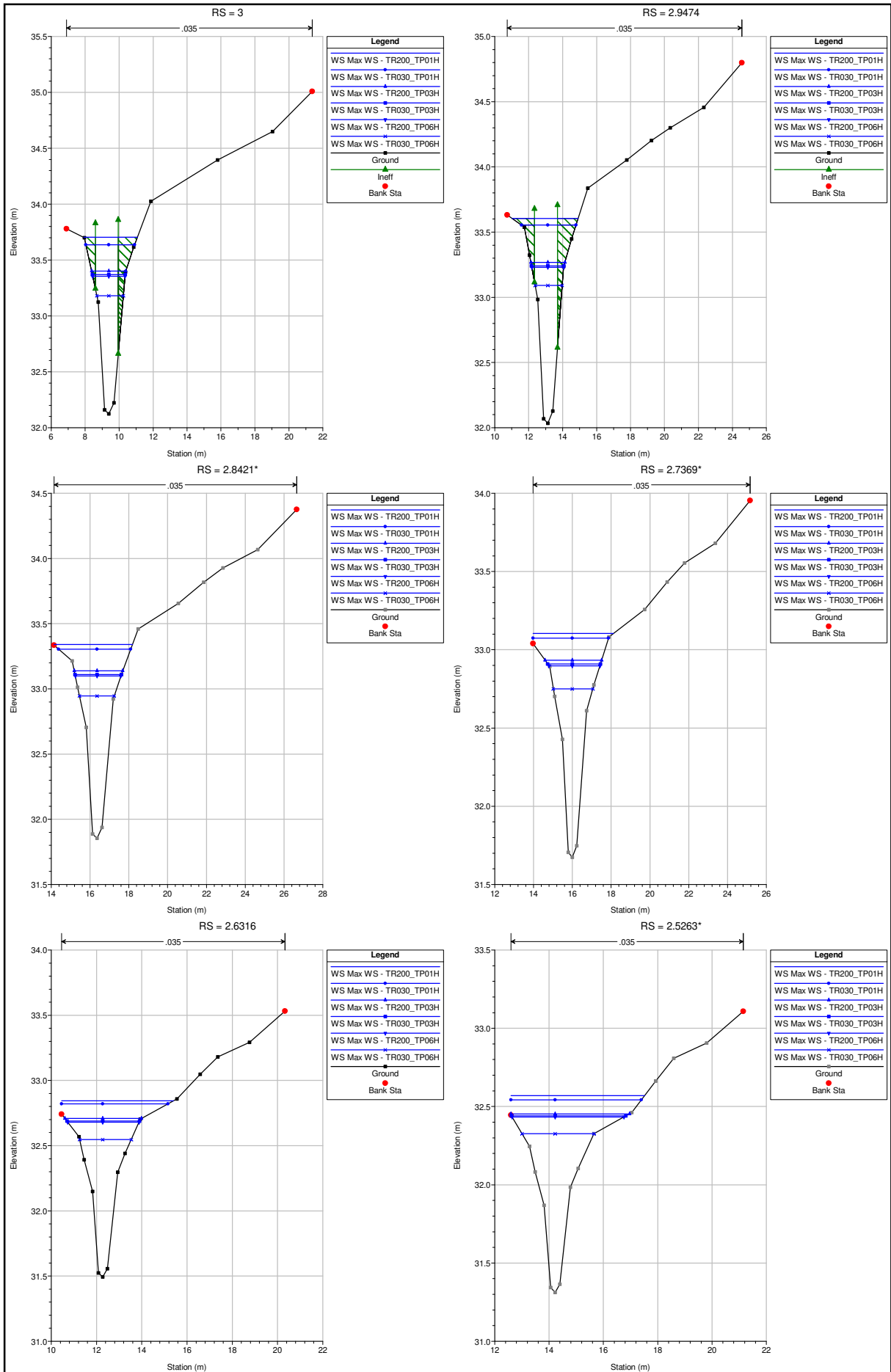
HEC-RAS Profile: Max WS (Continued)

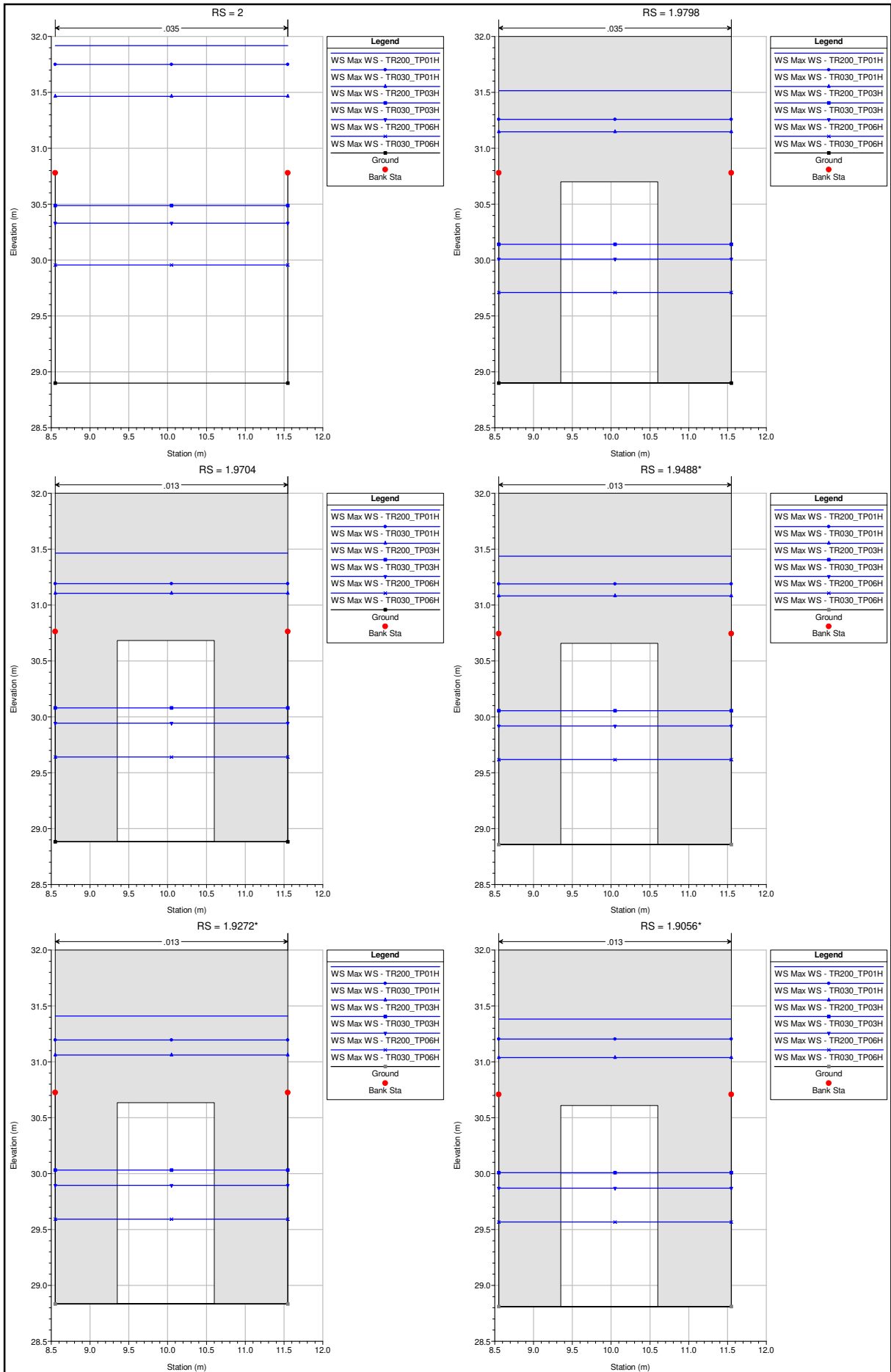
River	Reach	River Sta	Profile	Plan	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
BV5405	BV5405_dx	45.000*	Max WS	TR030_TP06H	0.71	25.75	26.34		26.37	0.002648	0.71	1.00	2.61	0.37
BV5405	BV5405_dx	40	Max WS	TR200_TP01H_sx	1.09	25.70	27.40		27.40	0.000054	0.19	5.86	5.61	0.06
BV5405	BV5405_dx	40	Max WS	TR200_TP03H	1.18	25.70	27.11		27.11	0.000149	0.27	4.29	5.18	0.10
BV5405	BV5405_dx	40	Max WS	TR200_TP06H	0.99	25.70	26.51		26.53	0.001443	0.60	1.64	3.52	0.28
BV5405	BV5405_dx	40	Max WS	TR030_TP01H	0.83	25.70	27.29		27.29	0.000042	0.16	5.27	5.45	0.05
BV5405	BV5405_dx	40	Max WS	TR030_TP03H	1.09	25.70	26.58		26.59	0.001192	0.58	1.89	3.72	0.26
BV5405	BV5405_dx	40	Max WS	TR030_TP06H	0.71	25.70	26.34		26.36	0.002097	0.65	1.10	2.78	0.33
BV5405	BV5405_dx	37.037*	Max WS	TR200_TP01H_sx	1.11	25.63	27.40		27.40	0.000051	0.18	6.02	5.69	0.06
BV5405	BV5405_dx	37.037*	Max WS	TR200_TP03H	1.22	25.63	27.10		27.11	0.000146	0.28	4.42	5.22	0.10
BV5405	BV5405_dx	37.037*	Max WS	TR200_TP06H	0.99	25.63	26.50		26.52	0.001076	0.55	1.79	3.45	0.24
BV5405	BV5405_dx	37.037*	Max WS	TR030_TP01H	0.98	25.63	27.29		27.29	0.000053	0.18	5.41	5.52	0.06
BV5405	BV5405_dx	37.037*	Max WS	TR030_TP03H	1.09	25.63	26.57		26.59	0.000928	0.54	2.04	3.65	0.23
BV5405	BV5405_dx	37.037*	Max WS	TR030_TP06H	0.71	25.63	26.33		26.35	0.001403	0.57	1.25	2.79	0.27
BV5405	BV5405_dx	34.074*	Max WS	TR200_TP01H_sx	1.25	25.56	27.40		27.40	0.000082	0.20	6.11	5.66	0.06
BV5405	BV5405_dx	34.074*	Max WS	TR200_TP03H	1.25	25.56	27.10		27.11	0.000146	0.28	4.52	5.22	0.10
BV5405	BV5405_dx	34.074*	Max WS	TR200_TP06H	0.99	25.56	26.50		26.51	0.000842	0.51	1.94	3.38	0.21
BV5405	BV5405_dx	34.074*	Max WS	TR030_TP01H	1.17	25.56	27.29		27.29	0.000074	0.21	5.50	5.50	0.07
BV5405	BV5405_dx	34.074*	Max WS	TR030_TP03H	1.09	25.56	26.57		26.58	0.000752	0.50	2.18	3.58	0.20
BV5405	BV5405_dx	34.074*	Max WS	TR030_TP06H	0.71	25.56	26.32		26.34	0.001005	0.51	1.40	2.79	0.23
BV5405	BV5405_dx	31.111	Max WS	TR200_TP01H_sx	1.37	25.50	27.39		27.40	0.000072	0.22	6.33	6.02	0.07
BV5405	BV5405_dx	31.111	Max WS	TR200_TP03H	1.25	25.50	27.10		27.11	0.000134	0.27	4.67	5.25	0.09
BV5405	BV5405_dx	31.111	Max WS	TR200_TP06H	0.99	25.50	26.49		26.51	0.000687	0.48	2.08	3.32	0.19
BV5405	BV5405_dx	31.111	Max WS	TR030_TP01H	1.28	25.50	27.29		27.29	0.000083	0.23	5.68	5.76	0.07
BV5405	BV5405_dx	31.111	Max WS	TR030_TP03H	1.09	25.50	26.56		26.58	0.000632	0.47	2.32	3.52	0.19
BV5405	BV5405_dx	31.111	Max WS	TR030_TP06H	0.71	25.50	26.32		26.33	0.000764	0.46	1.55	2.79	0.20
BV5405	BV5405_dx	30	Max WS	TR200_TP01H_sx	1.39	25.47	27.37		27.39	0.000984	0.64	2.17	6.00	0.24
BV5405	BV5405_dx	30	Max WS	TR200_TP03H	1.25	25.47	27.07		27.10	0.000486	0.77	1.63	5.17	0.20
BV5405	BV5405_dx	30	Max WS	TR200_TP06H	0.99	25.47	26.43		26.49	0.001984	1.06	0.93	3.11	0.37
BV5405	BV5405_dx	30	Max WS	TR030_TP01H	1.29	25.47	27.26		27.28	0.001360	0.69	1.86	5.77	0.28
BV5405	BV5405_dx	30	Max WS	TR030_TP03H	1.09	25.47	26.50		26.56	0.001886	1.09	1.00	3.30	0.37
BV5405	BV5405_dx	30	Max WS	TR030_TP06H	0.71	25.47	26.27		26.32	0.002074	0.95	0.75	2.64	0.37
BV5405	BV5405_dx	15												
					Culvert									
BV5405	BV5405_dx	10.3	Max WS	TR200_TP01H_sx	1.39	23.31	24.29		24.41	0.004476	1.55	0.90	1.92	0.54
BV5405	BV5405_dx	10.3	Max WS	TR200_TP03H	1.25	23.31	24.18		24.31	0.005632	1.59	0.79	1.84	0.59
BV5405	BV5405_dx	10.3	Max WS	TR200_TP06H	0.99	23.31	23.97		24.13	0.010569	1.75	0.56	1.66	0.77
BV5405	BV5405_dx	10.3	Max WS	TR030_TP01H	1.29	23.31	24.21		24.33	0.005286	1.58	0.81	1.86	0.58
BV5405	BV5405_dx	10.3	Max WS	TR030_TP03H	1.09	23.31	24.06		24.20	0.007793	1.66	0.66	1.73	0.68
BV5405	BV5405_dx	10.3	Max WS	TR030_TP06H	0.71	23.31	23.83		23.98	0.016398	1.75	0.41	1.54	0.91
BV5405	BV5405_dx	9.99												
					Lat Struct									
BV5405	BV5405_dx	9.98												
					Lat Struct									
BV5405	BV5405_dx	8.920*	Max WS	TR200_TP01H_sx	1.39	23.06	24.32		24.35	0.001780	0.74	1.88	2.62	0.28
BV5405	BV5405_dx	8.920*	Max WS	TR200_TP03H	1.25	23.06	24.22		24.25	0.002148	0.78	1.61	2.41	0.30
BV5405	BV5405_dx	8.920*	Max WS	TR200_TP06H	0.99	23.06	24.00		24.04	0.003249	0.86	1.15	1.97	0.36
BV5405	BV5405_dx	8.920*	Max WS	TR030_TP01H	1.29	23.06	24.24		24.27	0.002045	0.77	1.68	2.46	0.30
BV5405	BV5405_dx	8.920*	Max WS	TR030_TP03H	1.09	23.06	24.09		24.13	0.002700	0.82	1.33	2.15	0.33
BV5405	BV5405_dx	8.920*	Max WS	TR030_TP06H	0.74	23.06	23.75		23.80	0.005936	1.02	0.72	1.48	0.47
BV5405	BV5405_dx	8.460*	Max WS	TR200_TP01H_sx	1.39	22.97	24.32		24.34	0.001385	0.66	2.13	3.05	0.25
BV5405	BV5405_dx	8.460*	Max WS	TR200_TP03H	1.25	22.97	24.22		24.24	0.001624	0.69	1.82	2.67	0.27
BV5405	BV5405_dx	8.460*	Max WS	TR200_TP06H	0.99	22.97	24.00		24.03	0.002462	0.76	1.30	2.20	0.32
BV5405	BV5405_dx	8.460*	Max WS	TR030_TP01H	1.29	22.97	24.24		24.27	0.001560	0.68	1.89	2.76	0.26
BV5405	BV5405_dx	8.460*	Max WS	TR030_TP03H	1.09	22.97	24.09		24.12	0.002040	0.72	1.51	2.40	0.29
BV5405	BV5405_dx	8.460*	Max WS	TR030_TP06H	0.72	22.97	23.74		23.78	0.004397	0.89	0.81	1.59	0.40
BV5405	BV5405_dx	8	Max WS	TR200_TP01H_sx	1.39	22.89	24.29		24.33	0.003388	0.87	1.60	1.75	0.29
BV5405	BV5405_dx	8	Max WS	TR200_TP03H	1.25	22.89	24.19		24.23	0.002928	0.86	1.45	1.28	0.26
BV5405	BV5405_dx	8	Max WS	TR200_TP06H	0.99	22.89	23.99		24.02	0.002949	0.83	1.19	1.24	0.27
BV5405	BV5405_dx	8	Max WS	TR030_TP01H	1.29	22.89	24.22		24.25	0.003028	0.87	1.48	1.36	0.27
BV5405	BV5405_dx	8	Max WS	TR030_TP03H	1.09	22.89	24.07		24.11	0.002916	0.84	1.30	1.26	0.26
BV5405	BV5405_dx	8	Max WS	TR030_TP06H	0.71	22.89	23.74		23.77	0.003261	0.81	0.89	1.21	0.30
BV5405	BV5405_dx	7.5												
					Culvert									
BV5405	BV5405_dx	7	Max WS	TR200_TP01H_sx	1.39	22.51	24.25		24.28	0.001073	0.69	2.02	2.28	0.19
BV5405	BV5405_dx	7	Max WS	TR200_TP03H	1.25	22.51	24.17		24.19	0.001025	0.66	1.90	2.16	0.18
BV5405	BV5405_dx	7	Max WS	TR200_TP06H	0.99	22.51	23.99		24.01	0.000952	0.60	1.64	1.90	0.18
BV5405	BV5405_dx	7	Max WS	TR030_TP01H	1.29	22.51	24.19		24.21	0.001034	0.67	1.93	2.19	0.18
BV5405	BV5405_dx	7	Max WS	TR030_TP03H	1.09	22.51	24.06		24.08	0.000979	0.63	1.75	2.01	0.18
BV5405	BV5405_dx	7	Max WS	TR030_TP06H	0.72	22.51	23.75		23.76	0.000953	0.55	1.31	1.56	0.18
BV5405	BV5405_dx	2	Max WS	TR200_TP01H_sx	1.39	22.48	24.26	23.23	24.27	0.001003	0.59	2.38	2.32	0.19
BV5405	BV5405_dx	2	Max WS	TR200_TP03H	1.25	22.48	24.17	23.20	24.19	0.001002	0.57	2.18	2.20	0.18
BV5405	BV5405_dx	2	Max WS	TR200_TP06H	0.99	22.48	23.99	23.13	24.00	0.001001	0.55	1.81	1.95	0.18
BV5405	BV5405_dx	2	Max WS	TR030_TP01H	1.29	22.48	24.19	23.20	24.21	0.001001	0.58	2.23	2.23	0.18
BV5405	BV5405_dx	2	Max WS	TR030_TP03H	1.09	22.48	24.07	23.16	24.08	0.001003	0.56	1.96	2.05	0.18
BV5405	BV5405_dx	2	Max WS	TR030_TP06H	0.71	22.48	23.75	23.04	23.76	0.001004	0.52	1.38	1.60	0.18
BV5405	BV5405_sx	56.000*	Max WS	TR200_TP01H_sx	1.21	25.58	27.40		27.40	0.000233	0.34	3.60	2.39	0.09
BV5405	BV5405_sx	56.000*	Max WS	TR200_TP03H	1.20	25.58	27.11		27.12	0.000385	0.41	2.93	2.26	0.11
BV5405	BV5405_s													

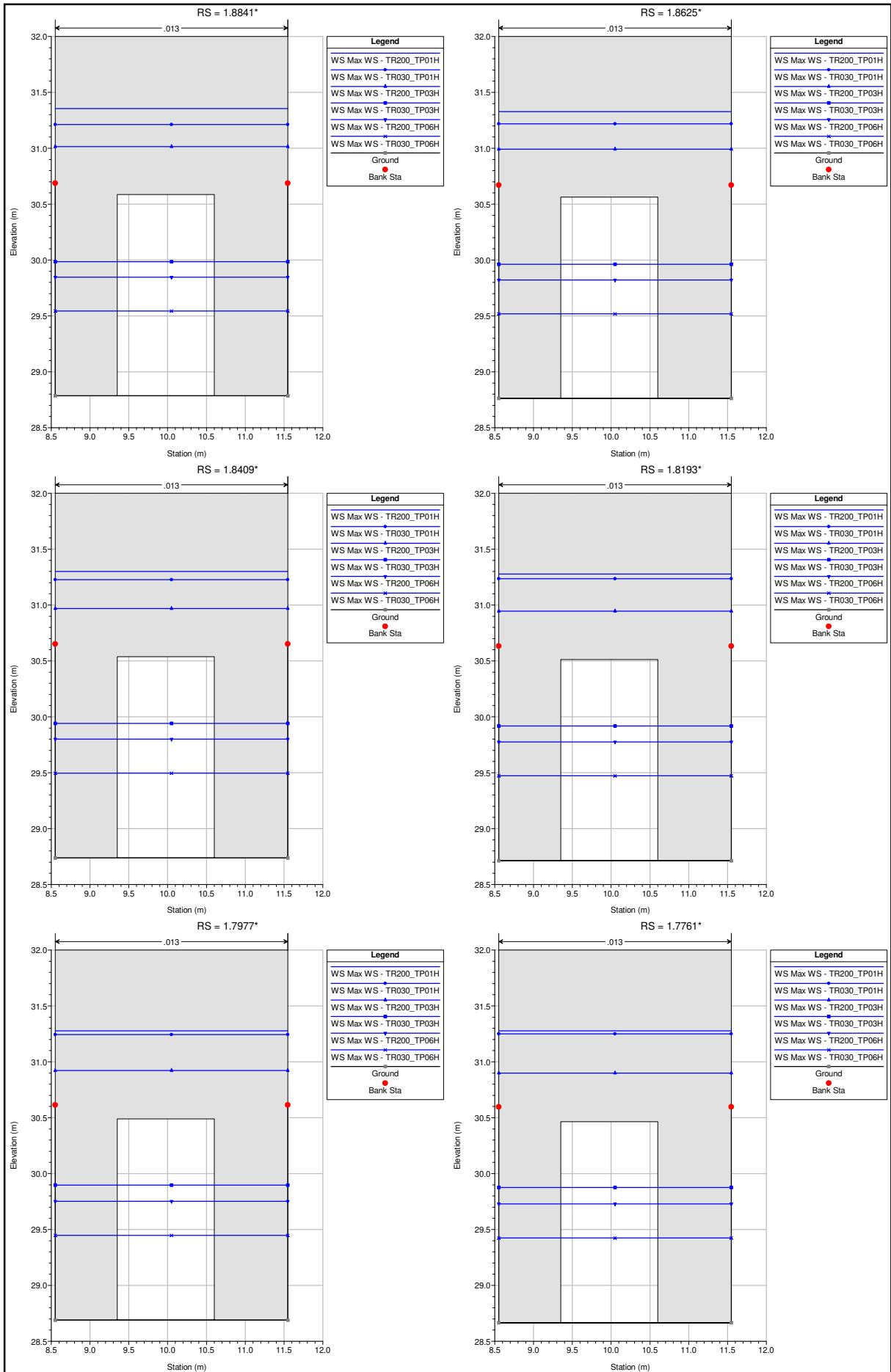


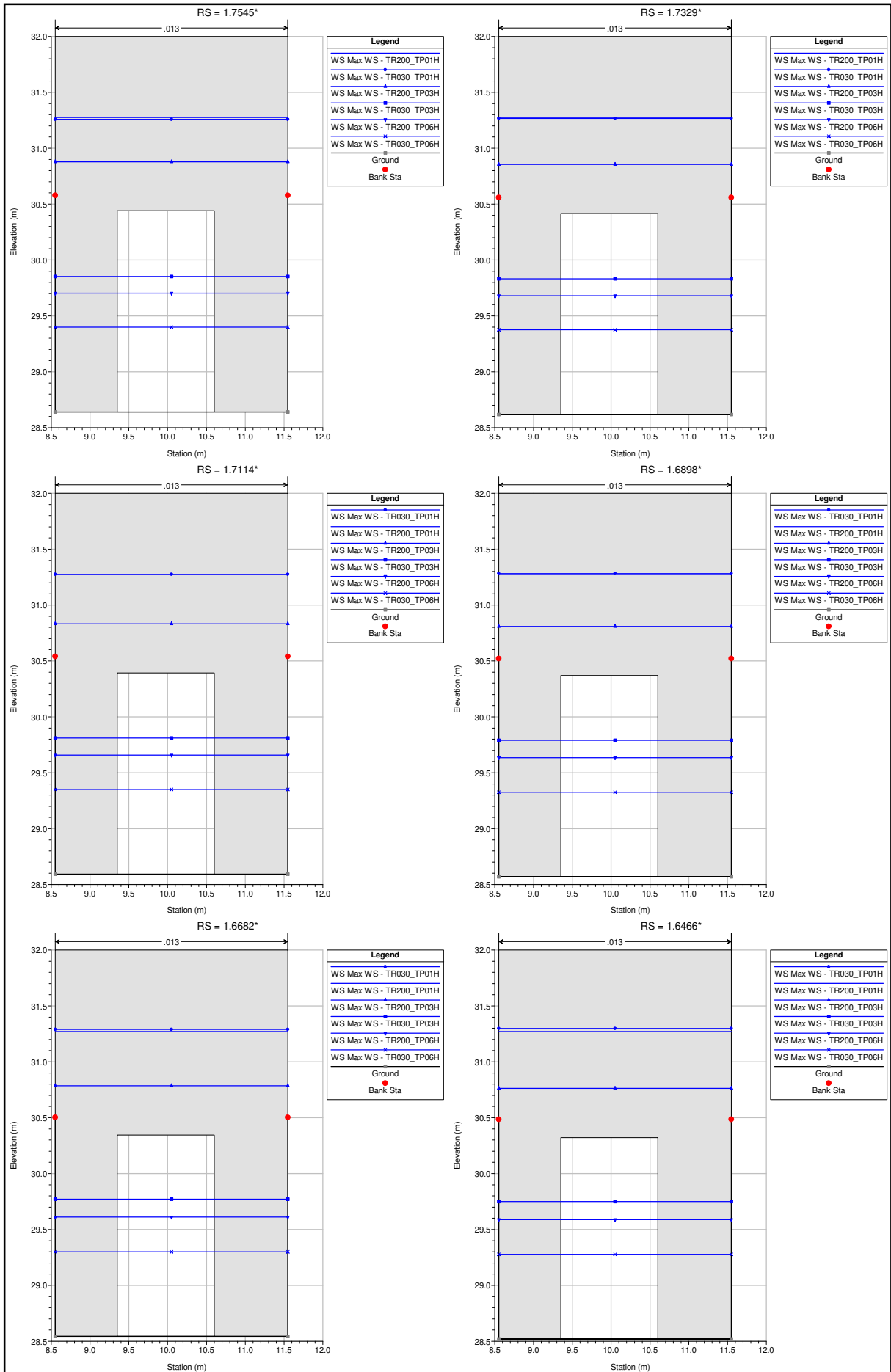


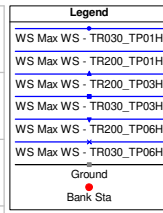
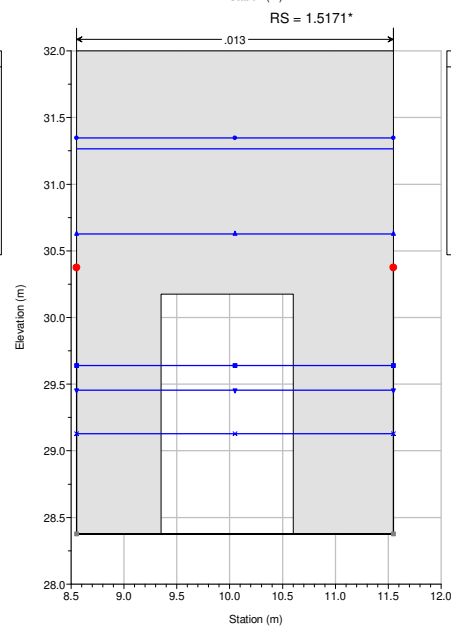
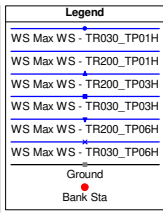
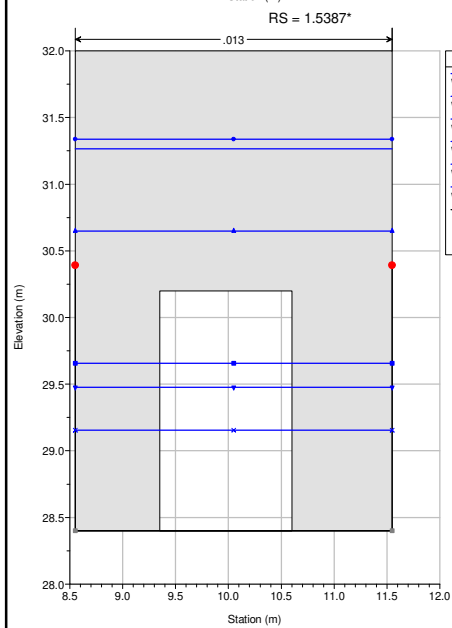
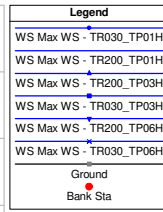
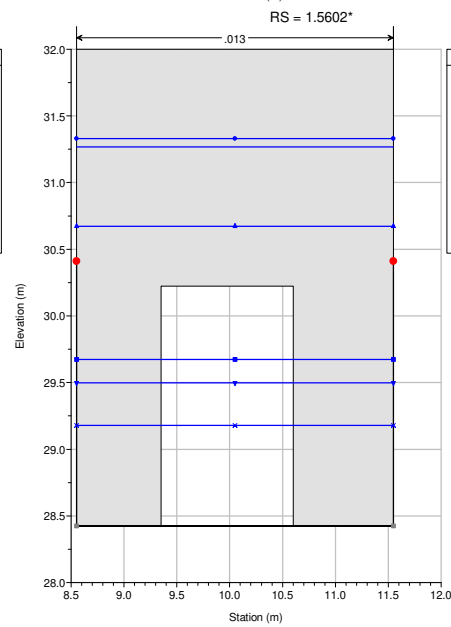
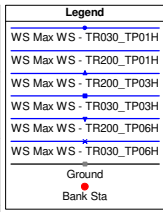
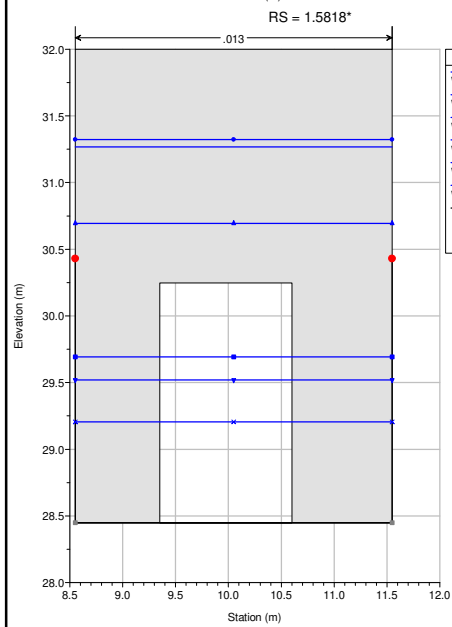
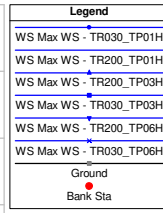
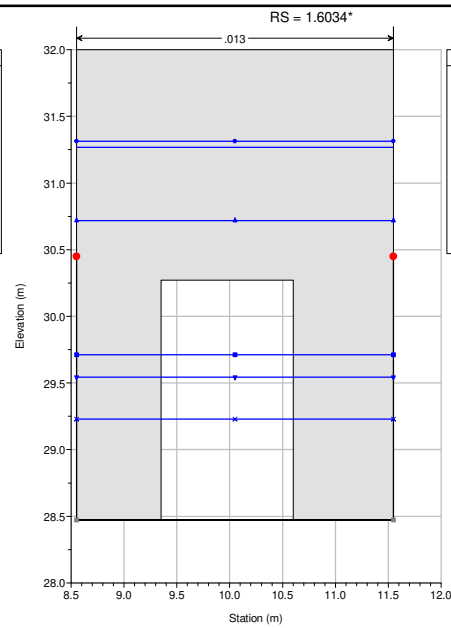
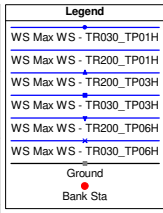
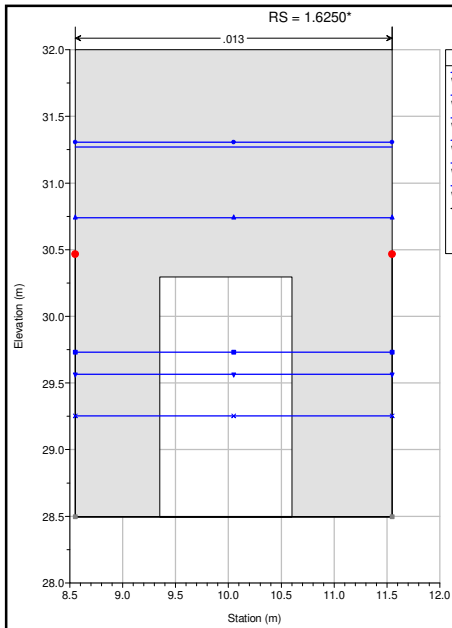


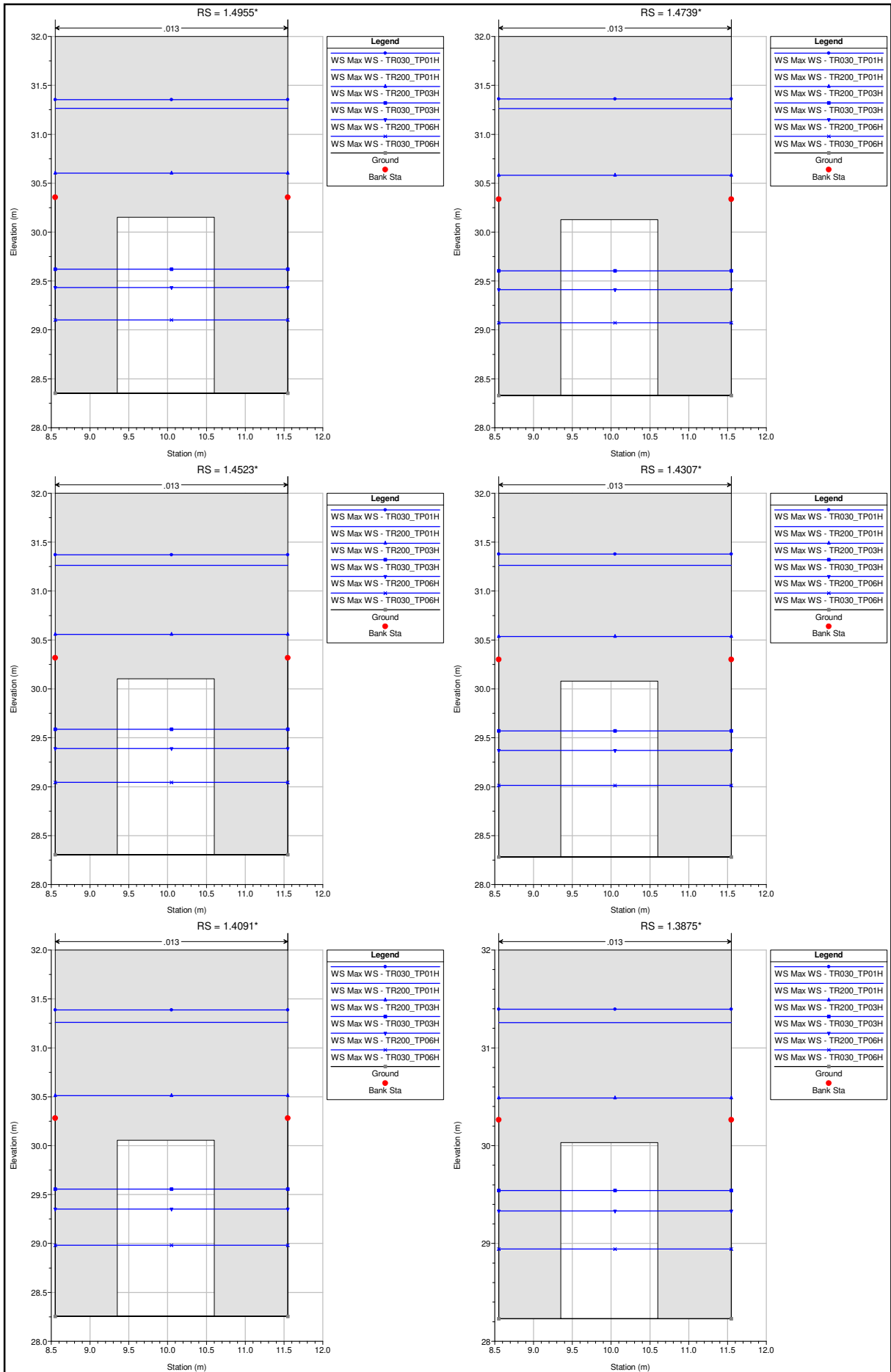


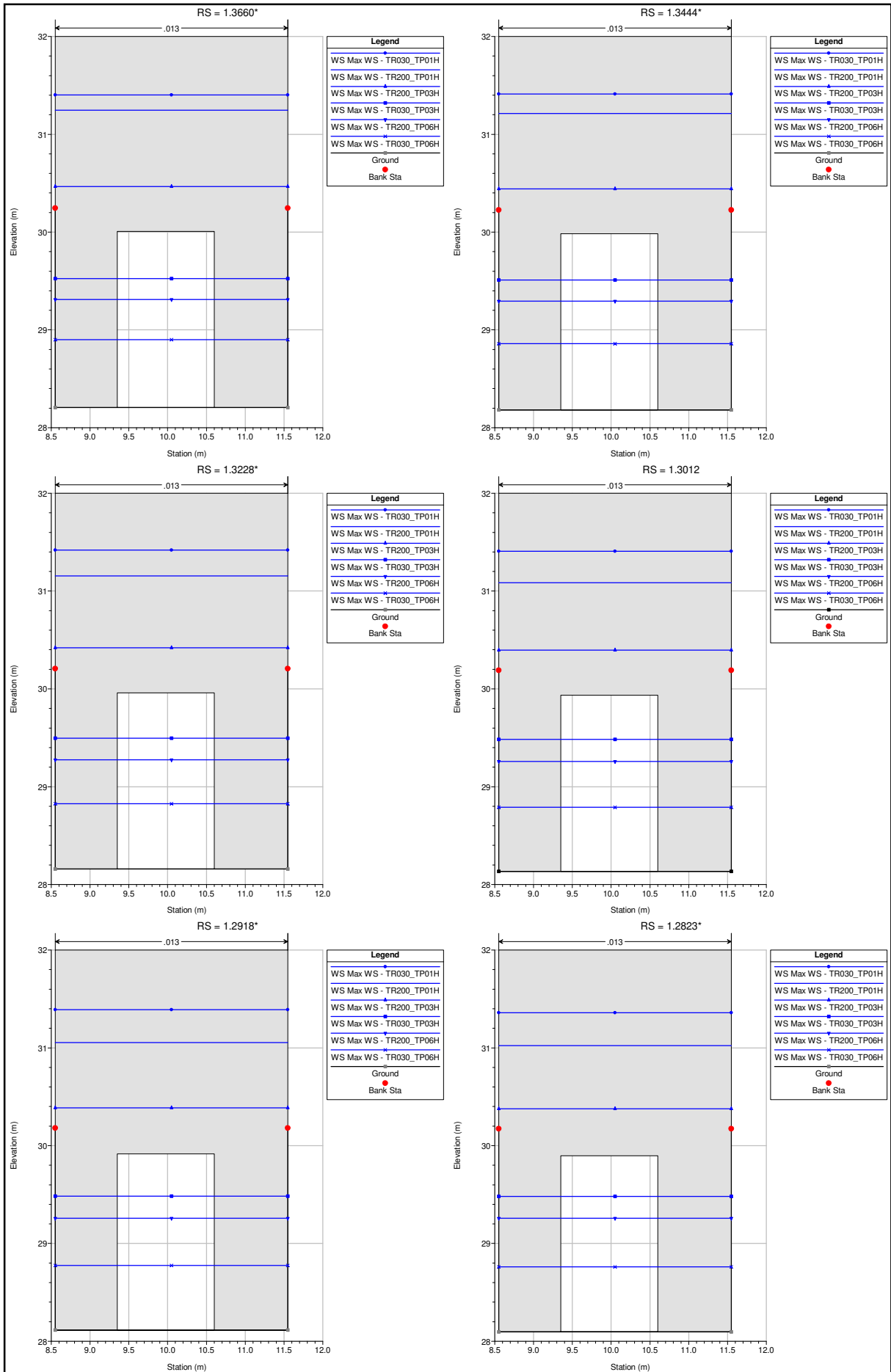


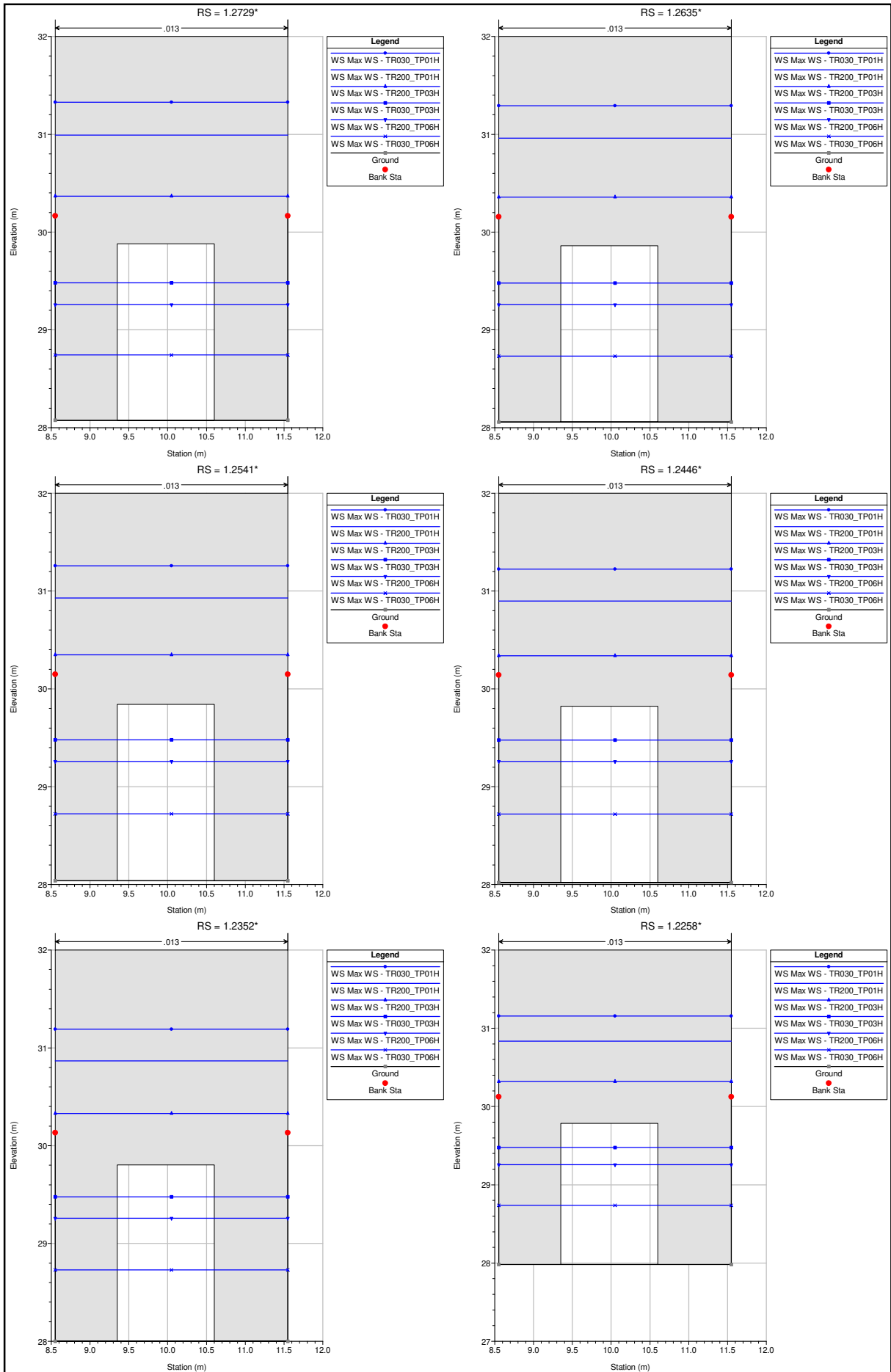


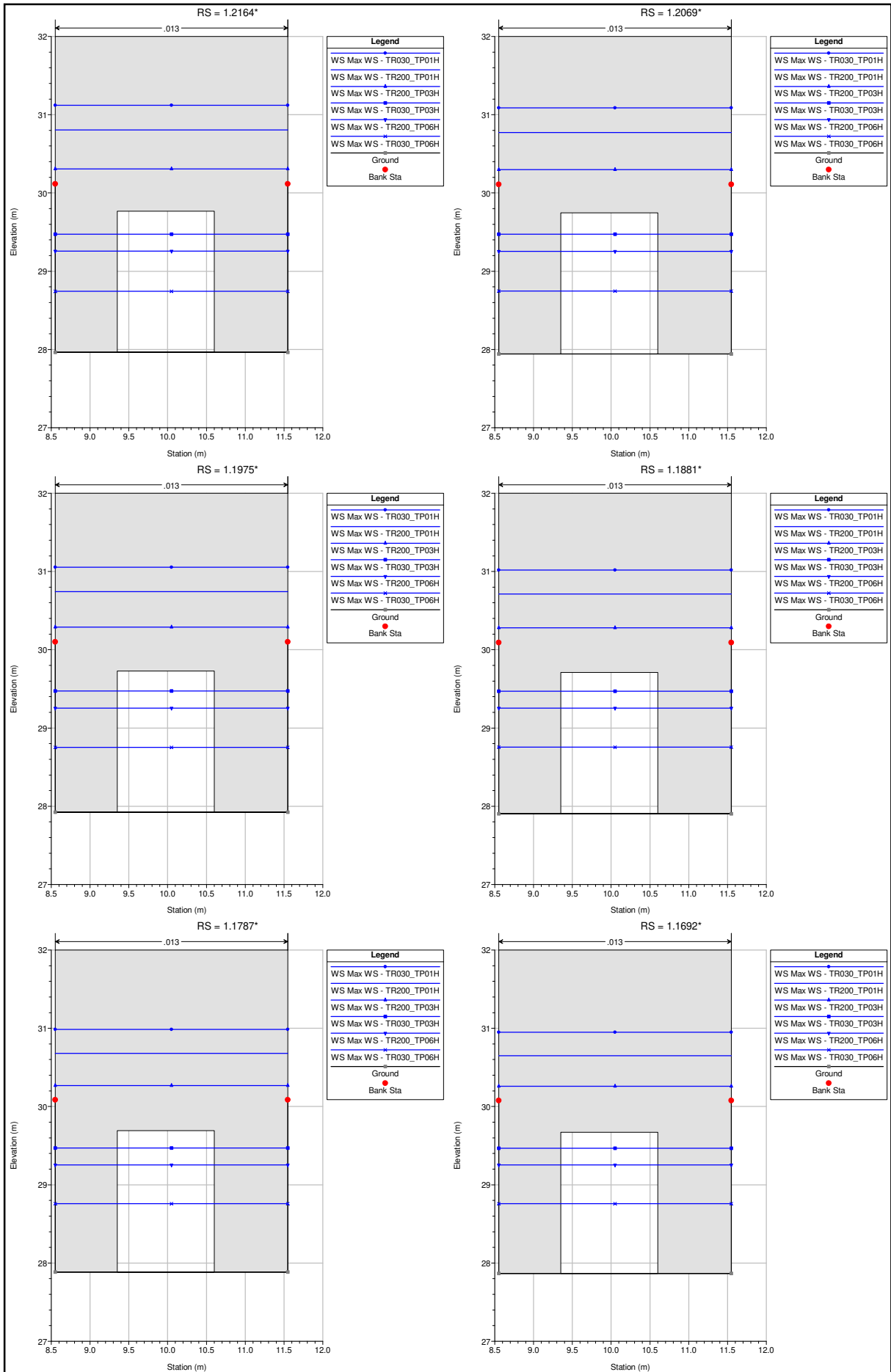


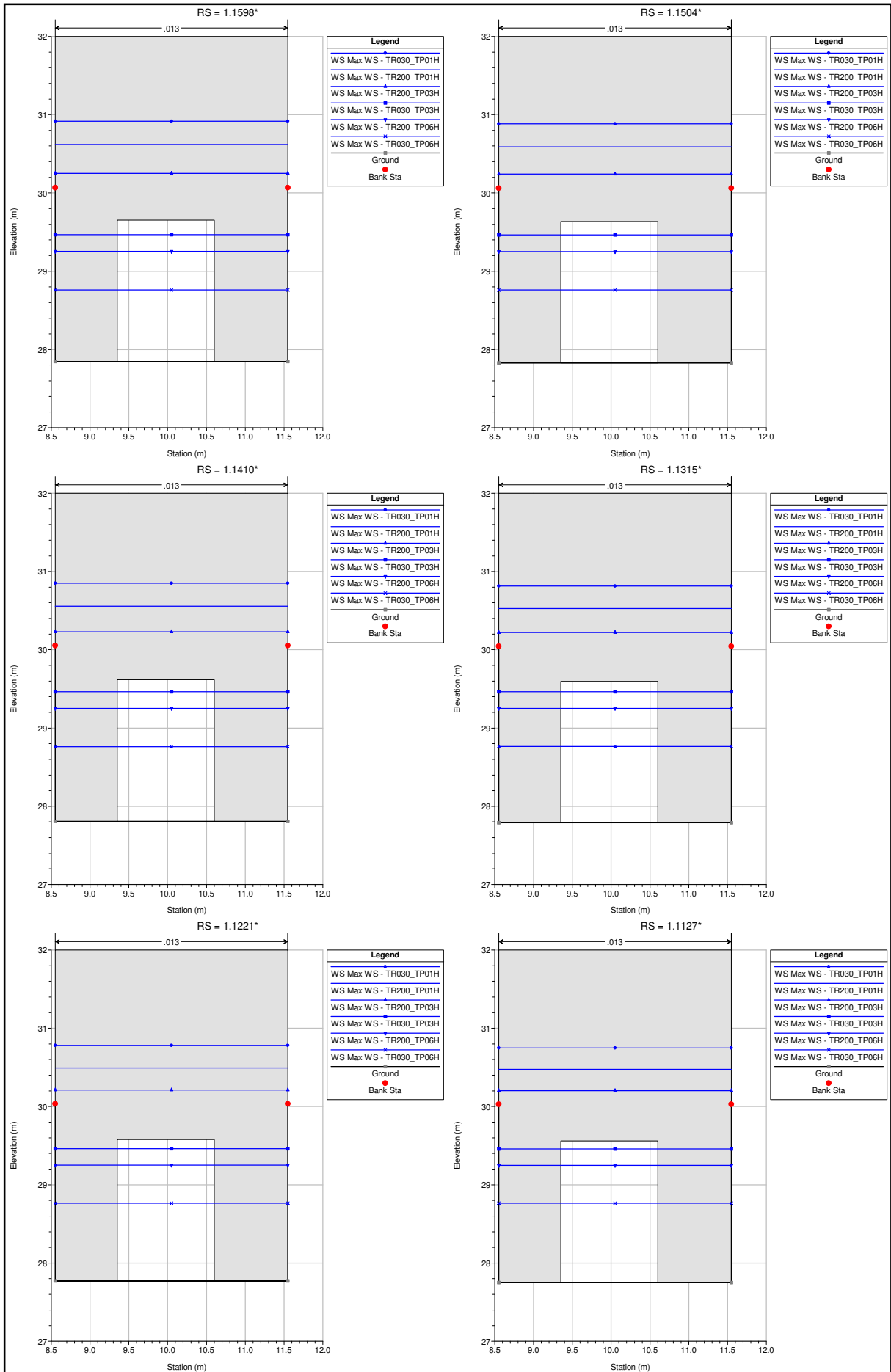


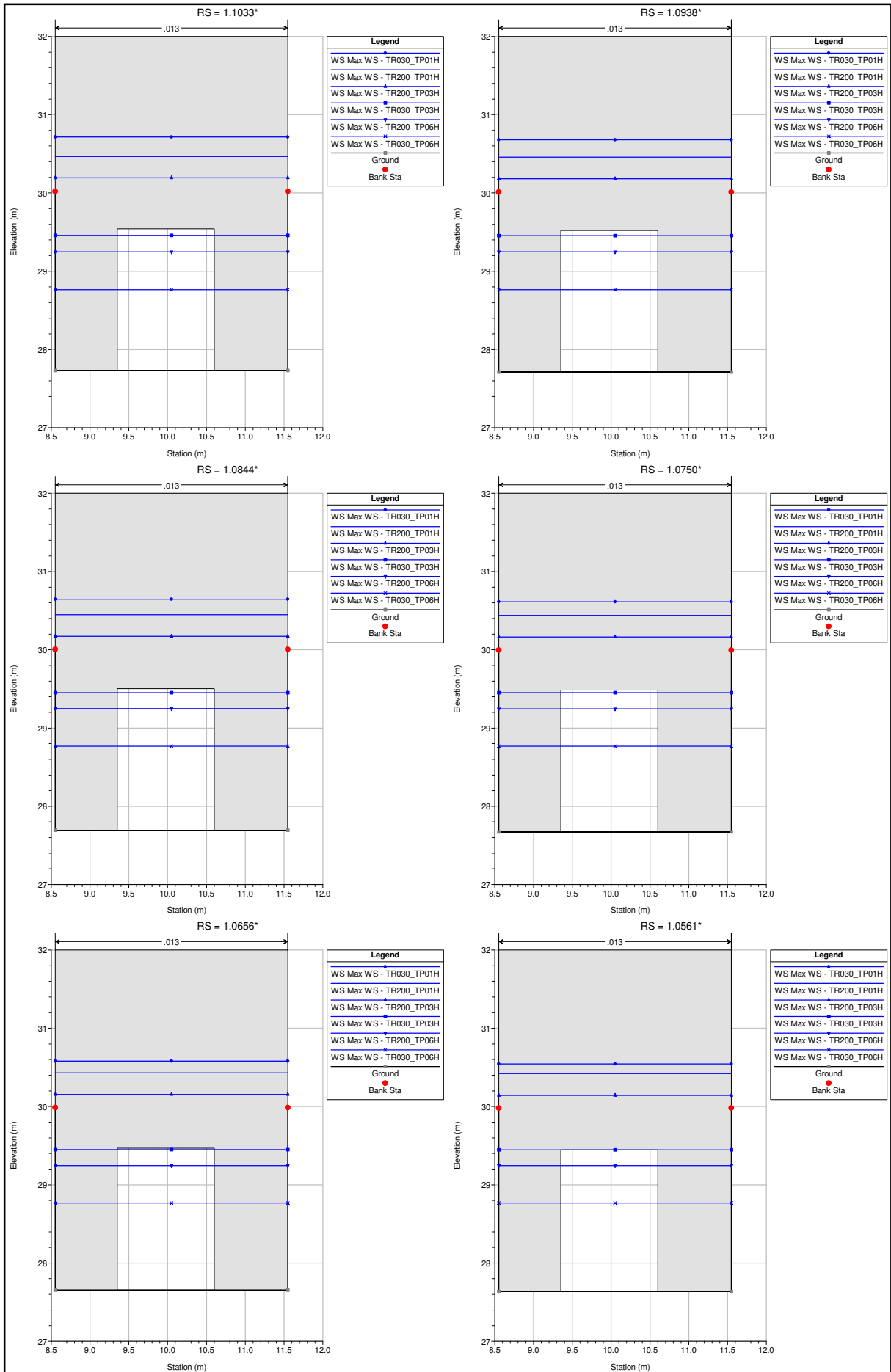


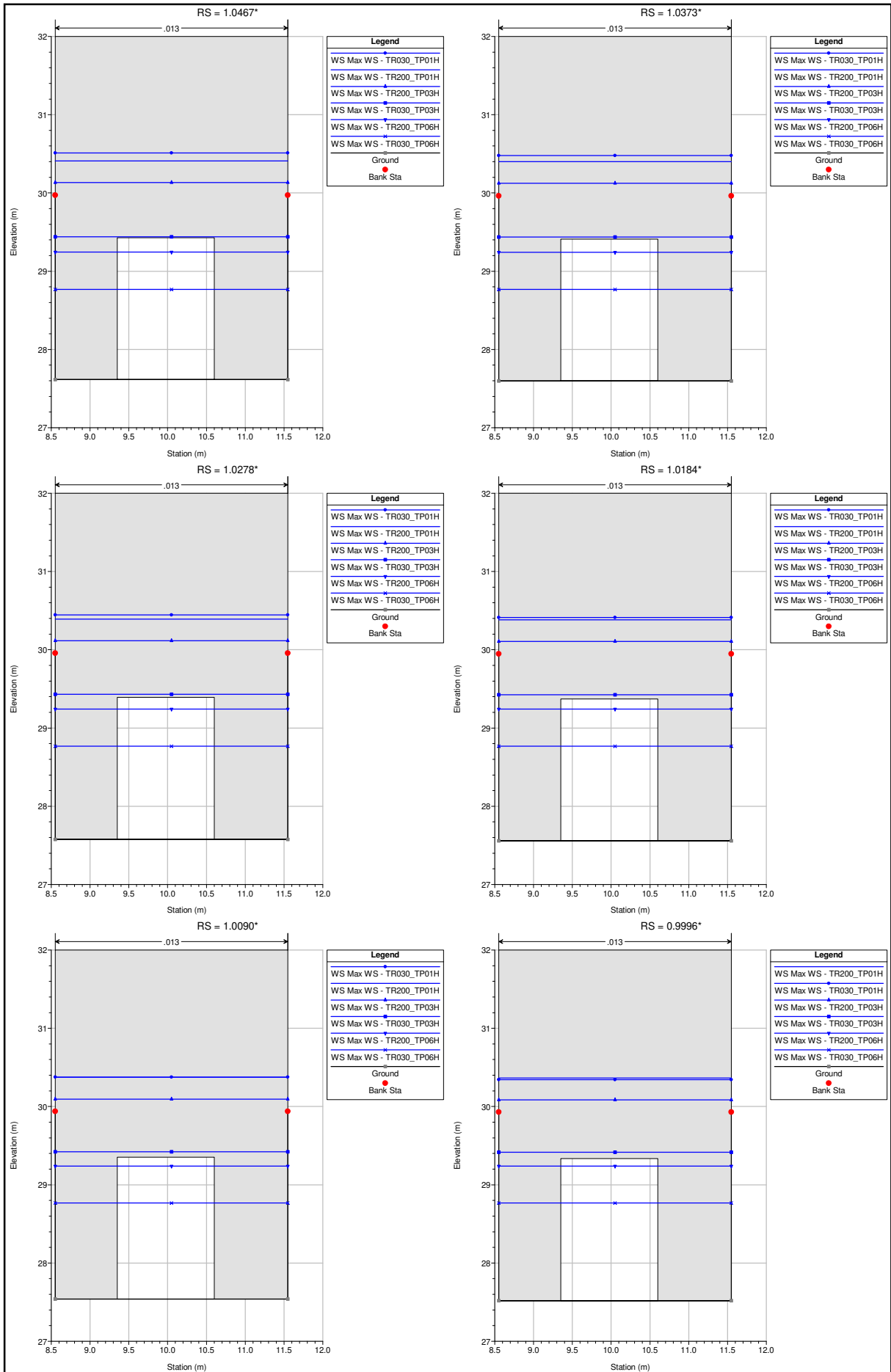


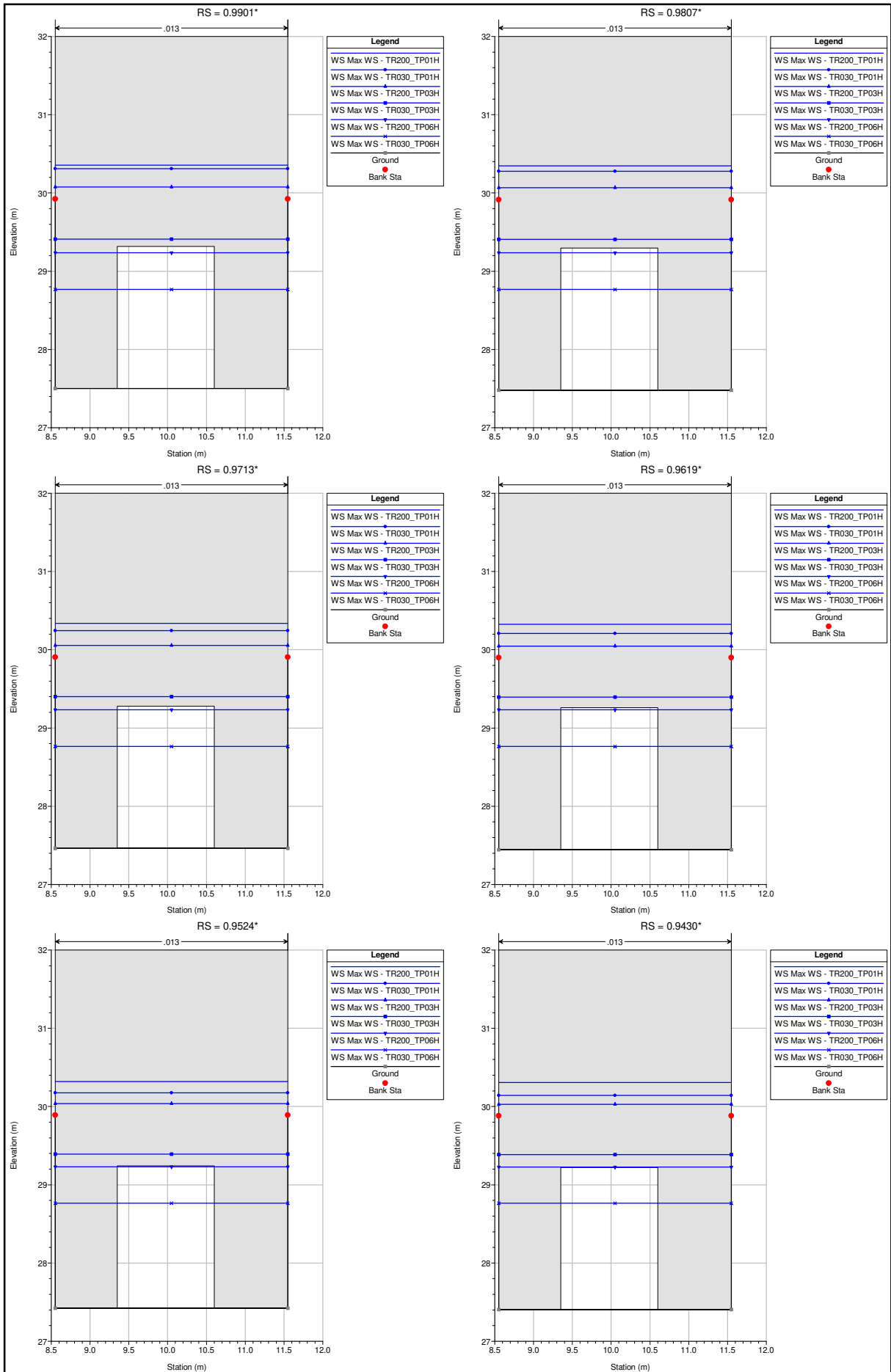


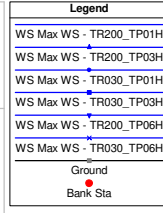
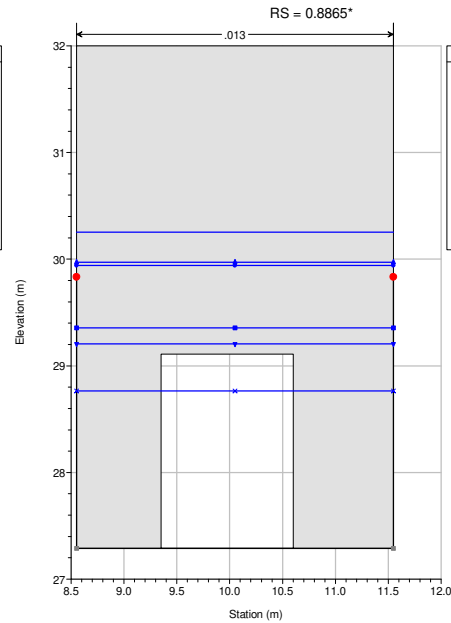
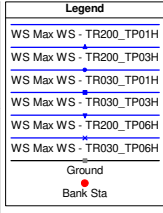
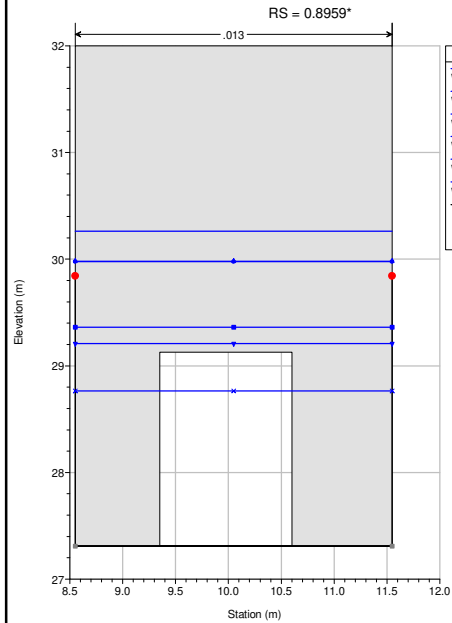
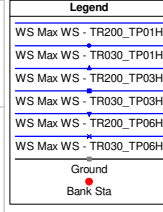
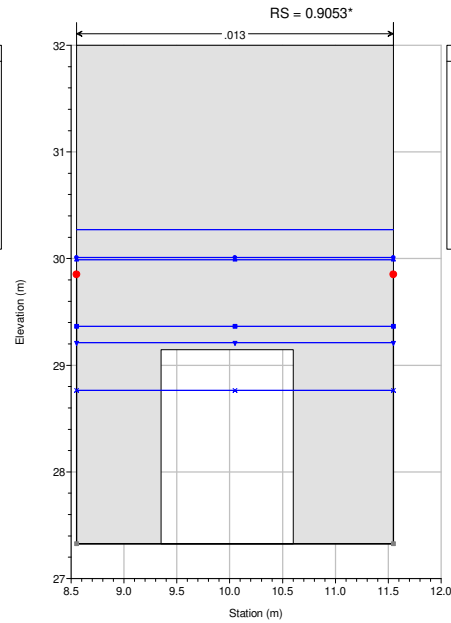
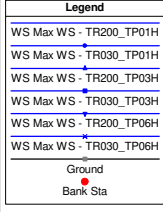
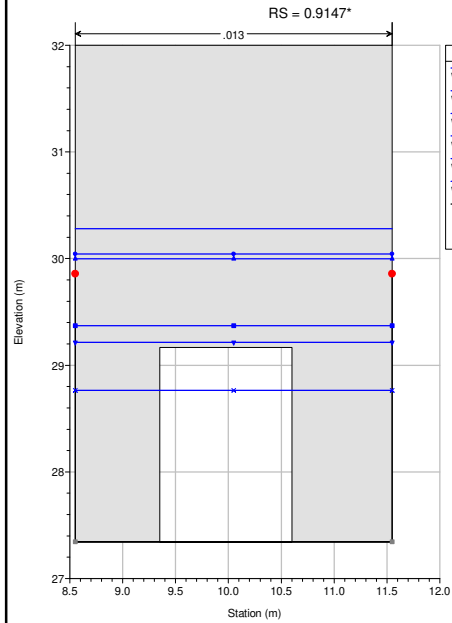
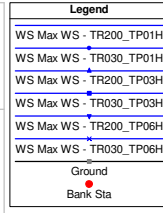
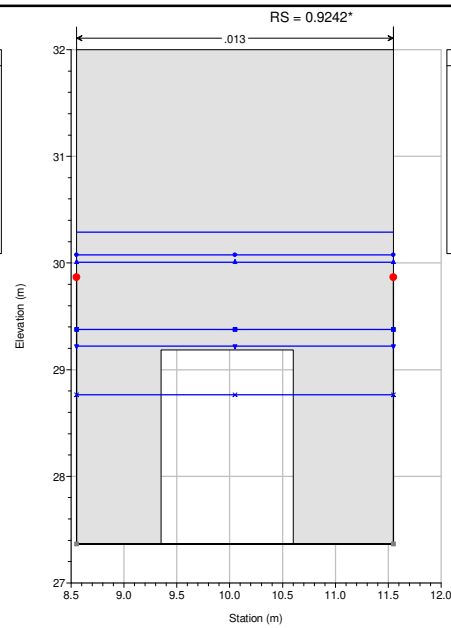
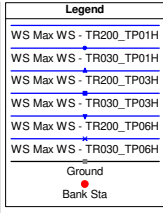
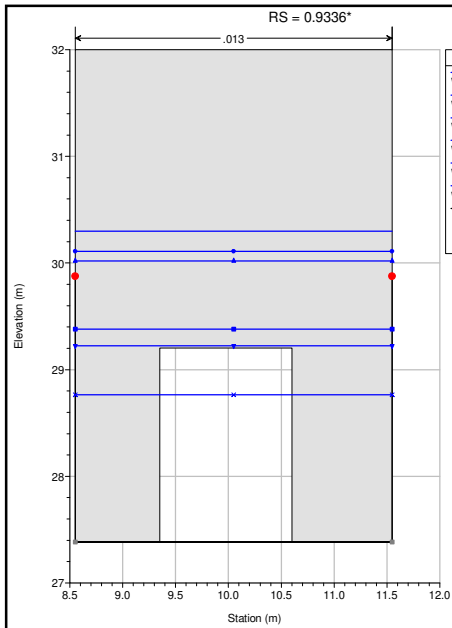


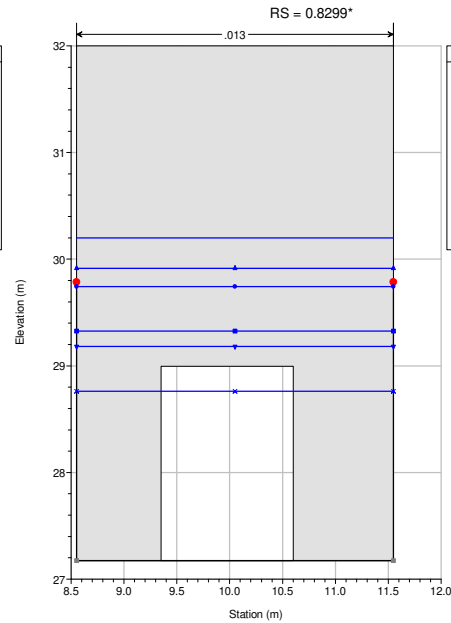
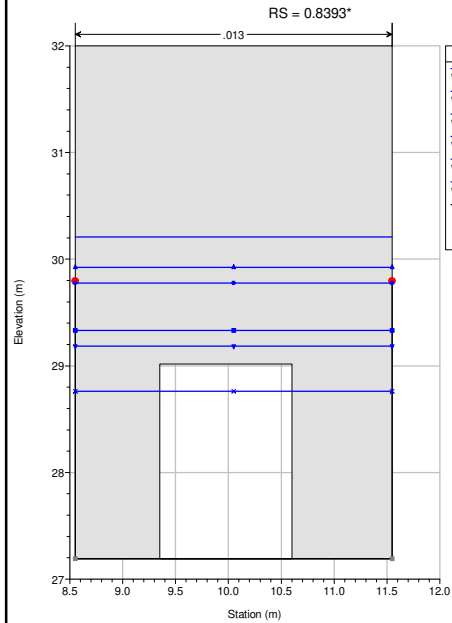
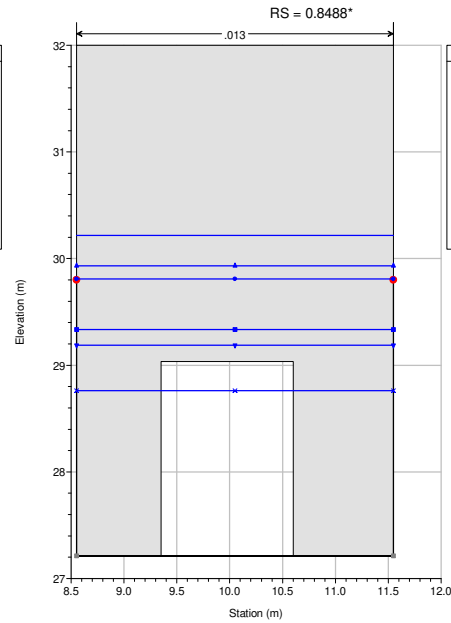
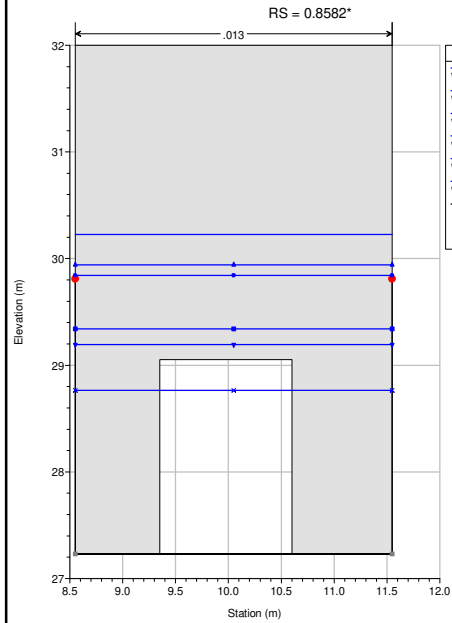
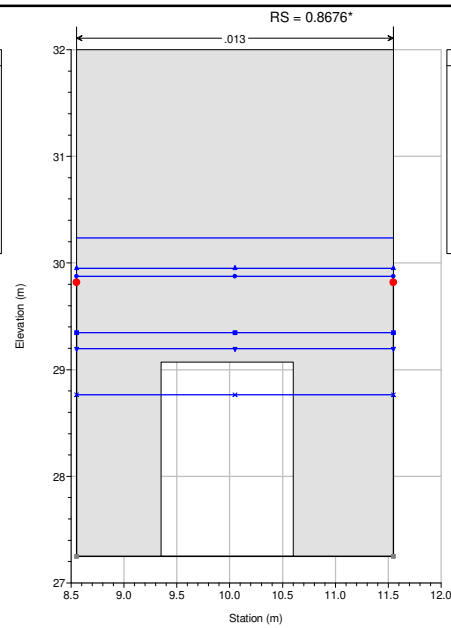
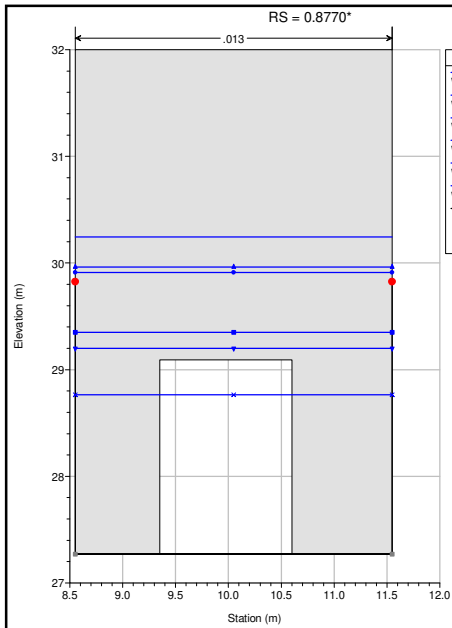


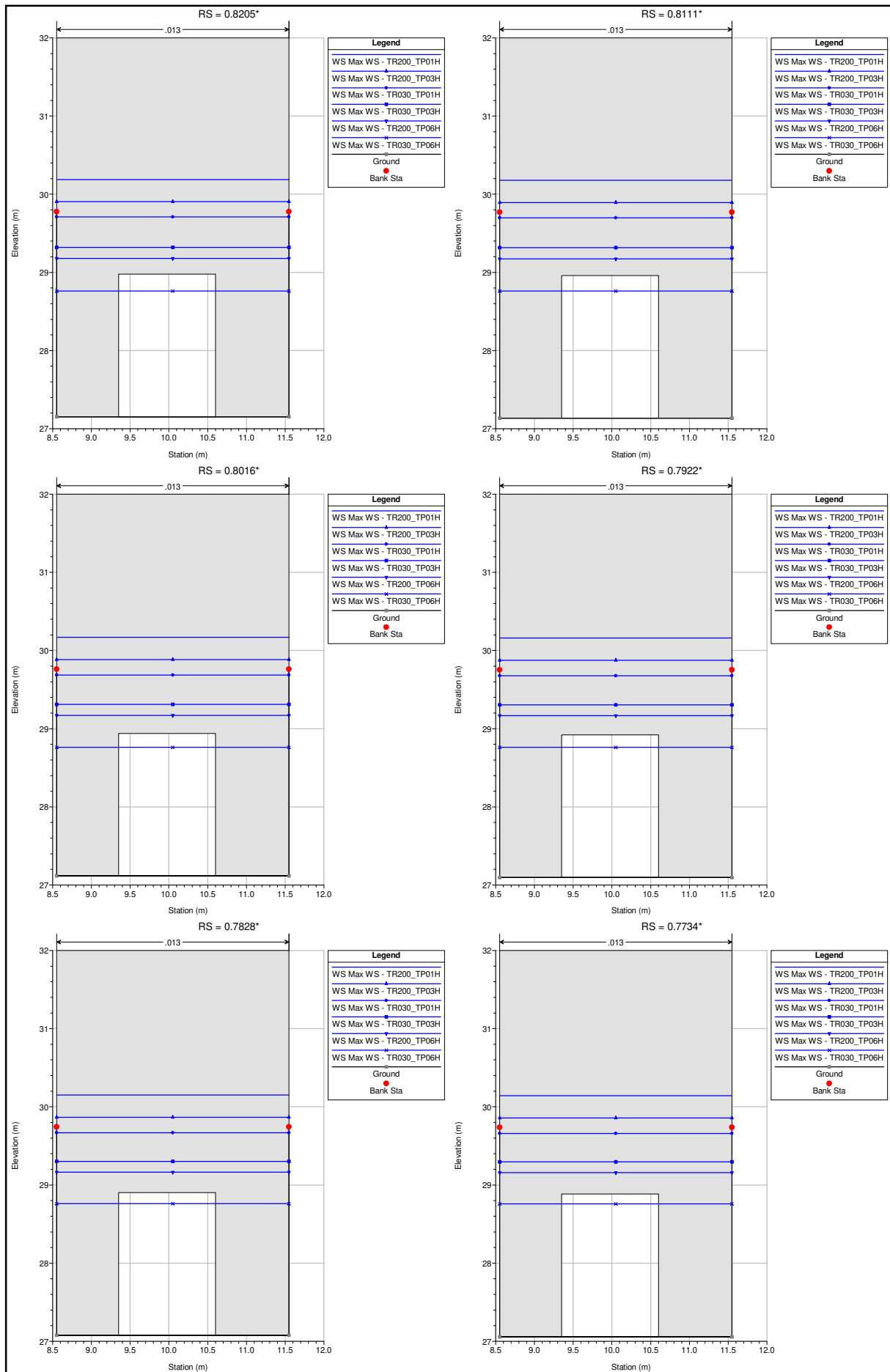


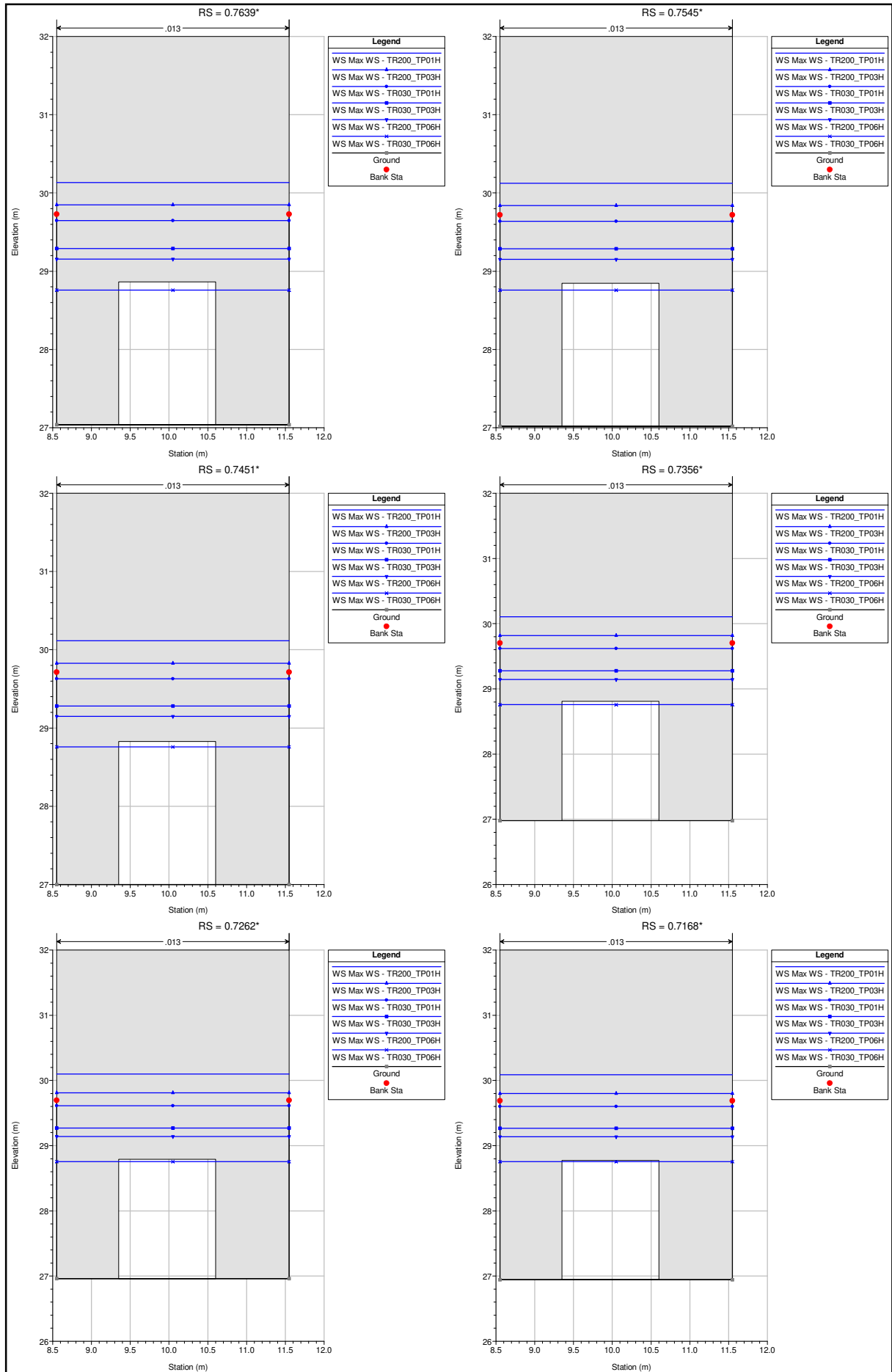


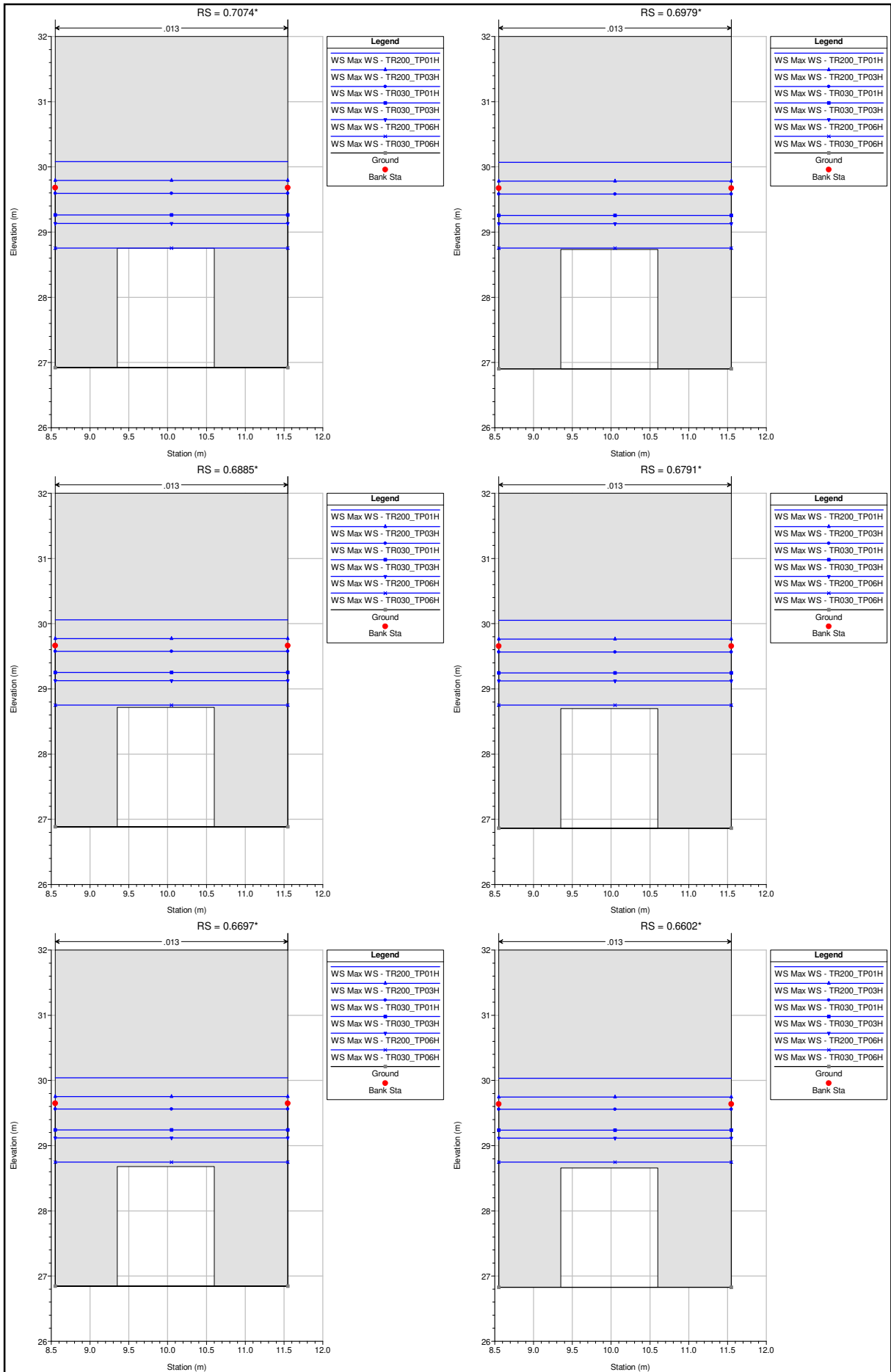


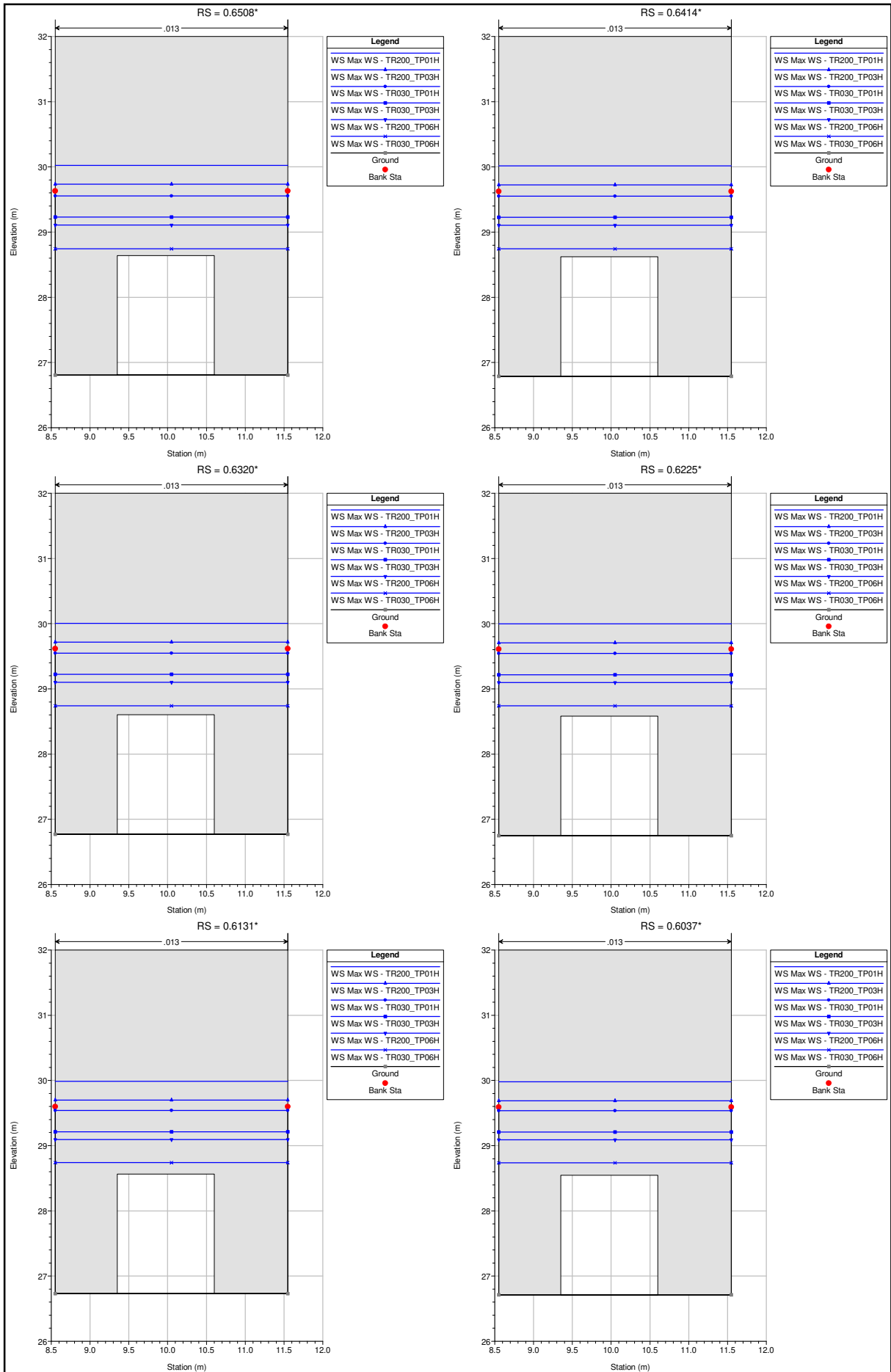


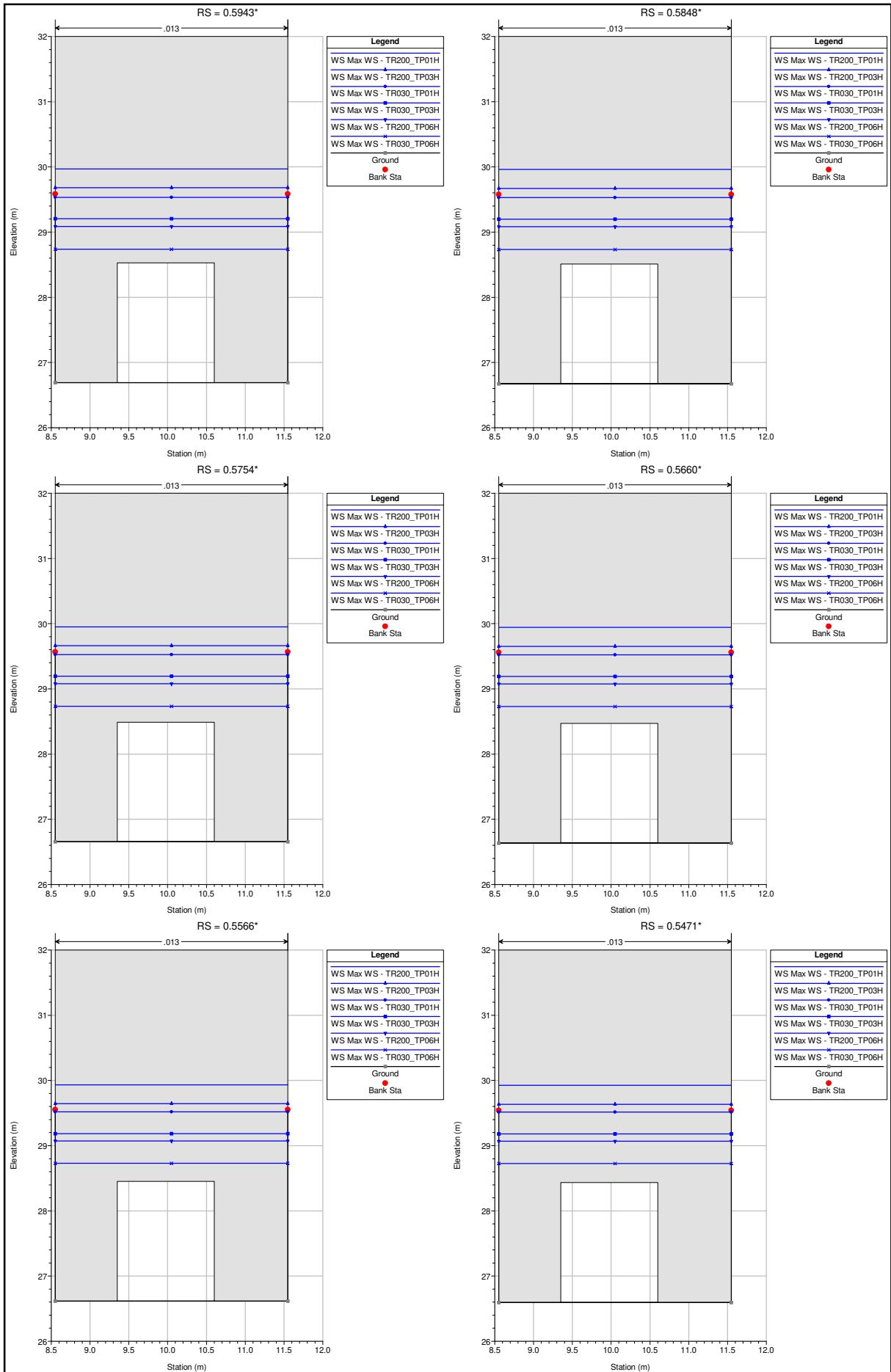


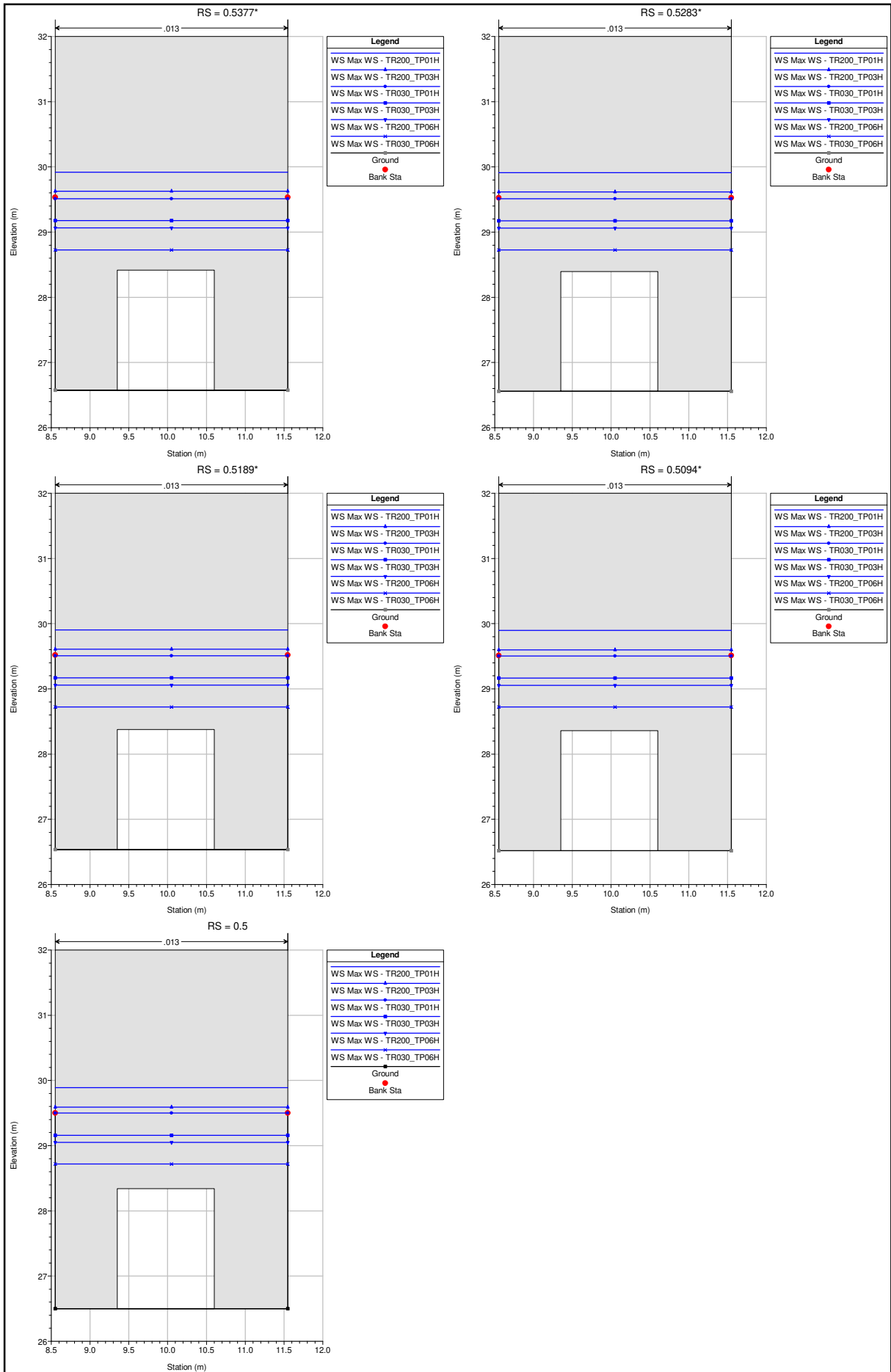












Reach	River Sta	Profile	Plan	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
BV5480	5	Max WS	TR200_TP01H	12.11	34.56	35.92	36.03	36.42	0.030854	3.16	3.84	6.24	1.28
BV5480	5	Max WS	TR200_TP03H	5.45	34.56	35.69	35.72	35.94	0.025783	2.23	2.44	6.09	1.13
BV5480	5	Max WS	TR200_TP06H	3.22	34.56	35.52	35.58	35.75	0.027617	2.15	1.50	4.02	1.12
BV5480	5	Max WS	TR030_TP06H	2.12	34.56	35.36	35.37	35.58	0.025251	2.10	1.01	2.42	1.04
BV5480	5	Max WS	TR030_TP03H	3.72	34.56	35.58	35.62	35.80	0.028516	2.08	1.79	5.38	1.15
BV5480	5	Max WS	TR030_TP01H	8.61	34.56	35.81	35.87	36.18	0.028274	2.72	3.17	6.15	1.21
BV5480	4.99												
BV5480	4.98												
BV5480	4.8926*	Max WS	TR200_TP01H	9.55	34.32	35.61	35.68	36.02	0.025294	2.81	3.41	6.03	1.19
BV5480	4.8926*	Max WS	TR200_TP03H	5.41	34.32	35.44	35.48	35.71	0.026147	2.29	2.36	5.92	1.15
BV5480	4.8926*	Max WS	TR200_TP06H	3.22	34.32	35.26	35.30	35.50	0.026882	2.16	1.49	3.96	1.12
BV5480	4.8926*	Max WS	TR030_TP06H	2.12	34.32	35.12	35.13	35.34	0.025667	2.08	1.02	2.61	1.06
BV5480	4.8926*	Max WS	TR030_TP03H	3.72	34.32	35.31	35.36	35.56	0.027389	2.19	1.69	4.51	1.14
BV5480	4.8926*	Max WS	TR030_TP01H	7.58	34.32	35.54	35.59	35.88	0.024708	2.56	2.97	5.97	1.15
BV5480	4.7852*	Max WS	TR200_TP01H	9.26	34.08	35.38	35.44	35.77	0.024067	2.80	3.34	5.85	1.16
BV5480	4.7852*	Max WS	TR200_TP03H	5.41	34.08	35.19	35.24	35.48	0.026049	2.40	2.26	5.14	1.16
BV5480	4.7852*	Max WS	TR200_TP06H	3.22	34.08	35.01	35.05	35.26	0.026449	2.19	1.47	3.79	1.12
BV5480	4.7852*	Max WS	TR030_TP06H	2.12	34.08	34.87	34.89	35.09	0.025812	2.07	1.02	2.70	1.07
BV5480	4.7852*	Max WS	TR030_TP03H	3.72	34.08	35.06	35.10	35.31	0.026807	2.25	1.65	4.13	1.14
BV5480	4.7852*	Max WS	TR030_TP01H	7.55	34.08	35.31	35.36	35.65	0.024151	2.59	2.93	5.81	1.15
BV5480	4.6778	Max WS	TR200_TP01H	9.12	33.84	35.15	35.21	35.54	0.022690	2.78	3.30	5.69	1.13
BV5480	4.6778	Max WS	TR200_TP03H	5.41	33.84	34.94	34.99	35.25	0.025391	2.48	2.19	4.61	1.15
BV5480	4.6778	Max WS	TR200_TP06H	3.22	33.84	34.76	34.79	35.01	0.026018	2.23	1.45	3.58	1.12
BV5480	4.6778	Max WS	TR030_TP06H	2.12	33.84	34.63	34.65	34.84	0.025705	2.07	1.03	2.75	1.08
BV5480	4.6778	Max WS	TR030_TP03H	3.72	33.84	34.80	34.84	35.07	0.026227	2.30	1.61	3.83	1.13
BV5480	4.6778	Max WS	TR030_TP01H	7.54	33.84	35.08	35.13	35.43	0.023314	2.62	2.89	5.63	1.13
BV5480	4.5704*	Max WS	TR200_TP01H	9.09	33.60	34.94	34.99	35.33	0.021021	2.77	3.31	5.52	1.10
BV5480	4.5704*	Max WS	TR200_TP03H	5.41	33.60	34.70	34.75	35.02	0.024159	2.52	2.15	4.19	1.12
BV5480	4.5704*	Max WS	TR200_TP06H	3.22	33.60	34.51	34.54	34.77	0.024864	2.24	1.44	3.41	1.10
BV5480	4.5704*	Max WS	TR030_TP06H	2.12	33.60	34.38	34.41	34.60	0.025961	2.07	1.02	2.78	1.09
BV5480	4.5704*	Max WS	TR030_TP03H	3.72	33.60	34.56	34.59	34.84	0.024802	2.32	1.60	3.60	1.11
BV5480	4.5704*	Max WS	TR030_TP01H	7.68	33.60	34.85	34.91	35.23	0.023326	2.70	2.84	5.25	1.13
BV5480	4.4629*	Max WS	TR200_TP01H	9.22	33.36	34.75	34.79	35.13	0.019290	2.77	3.37	5.34	1.05
BV5480	4.4629*	Max WS	TR200_TP03H	5.41	33.36	34.48	34.51	34.80	0.021721	2.50	2.16	3.88	1.07
BV5480	4.4629*	Max WS	TR200_TP06H	3.22	33.36	34.29	34.30	34.53	0.021891	2.19	1.47	3.26	1.04
BV5480	4.4629*	Max WS	TR030_TP06H	2.12	33.36	34.14	34.16	34.36	0.024959	2.05	1.03	2.79	1.08
BV5480	4.4629*	Max WS	TR030_TP03H	3.72	33.36	34.34	34.35	34.60	0.021835	2.27	1.64	3.42	1.05
BV5480	4.4629*	Max WS	TR030_TP01H	7.68	33.36	34.64	34.69	35.02	0.021273	2.70	2.84	4.49	1.09
BV5480	4.3555	Max WS	TR200_TP01H	9.28	33.12	34.57	34.58	34.94	0.017155	2.72	3.46	5.16	0.99
BV5480	4.3555	Max WS	TR200_TP03H	5.41	33.12	34.28	34.27	34.58	0.018489	2.42	2.23	3.66	0.99
BV5480	4.3555	Max WS	TR200_TP06H	3.22	33.12	34.09	34.10	34.30	0.016632	2.03	1.59	3.17	0.92
BV5480	4.3555	Max WS	TR030_TP06H	2.12	33.12	33.92	33.91	34.12	0.020521	1.95	1.09	2.73	0.99
BV5480	4.3555	Max WS	TR030_TP03H	3.72	33.12	34.14	34.15	34.37	0.017055	2.13	1.75	3.30	0.93
BV5480	4.3555	Max WS	TR030_TP01H	7.69	33.12	34.45	34.46	34.81	0.018709	2.66	2.89	4.11	1.02
BV5480	4.2481*	Max WS	TR200_TP01H	9.02	32.88	34.41	34.36	34.74	0.014000	2.57	3.59	4.99	0.89
BV5480	4.2481*	Max WS	TR200_TP03H	5.41	32.88	34.13	34.38	34.38	0.013837	2.24	2.42	3.50	0.86
BV5480	4.2481*	Max WS	TR200_TP06H	3.22	32.88	34.04	34.05	34.15	0.007139	1.53	2.11	3.31	0.61
BV5480	4.2481*	Max WS	TR030_TP06H	2.12	32.88	33.77	33.91	0.011243	1.61	1.32	2.77	0.74	
BV5480	4.2481*	Max WS	TR030_TP03H	3.72	32.88	34.07	34.21	0.008166	1.67	2.23	3.39	0.66	
BV5480	4.2481*	Max WS	TR030_TP01H	7.69	32.88	34.28	34.23	34.62	0.016053	2.59	2.97	4.16	0.94
BV5480	4.1407*	Max WS	TR200_TP01H	8.16	32.64	34.28		34.52	0.009699	2.21	3.81	4.93	0.73
BV5480	4.1407*	Max WS	TR200_TP03H	5.41	32.64	34.07		34.25	0.008079	1.87	2.89	3.51	0.65
BV5480	4.1407*	Max WS	TR200_TP06H	3.22	32.64	34.02		34.09	0.003467	1.20	2.69	3.37	0.43
BV5480	4.1407*	Max WS	TR030_TP06H	2.12	32.64	33.74		33.81	0.004225	1.15	1.84	2.92	0.46
BV5480	4.1407*	Max WS	TR030_TP03H	3.72	32.64	34.05		34.14	0.004149	1.33	2.80	3.43	0.47
BV5480	4.1407*	Max WS	TR030_TP01H	7.77	32.64	34.13	34.04	34.45	0.013892	2.52	3.12	4.54	0.86
BV5480	4.0333	Max WS	TR200_TP01H	7.58	32.40	34.24		34.39	0.006698	1.75	4.52	6.08	0.61
BV5480	4.0333	Max WS	TR200_TP03H	4.50	32.40	34.13		34.20	0.002857	1.20	3.90	4.92	0.39
BV5480	4.0333	Max WS	TR200_TP06H	3.11	32.40	34.01		34.06	0.001799	0.95	3.36	4.38	0.30
BV5480	4.0333	Max WS	TR030_TP06H	2.12	32.40	33.73		33.77	0.002061	0.90	2.36	2.95	0.32
BV5480	4.0333	Max WS	TR030_TP03H	3.42	32.40	34.06		34.11	0.001893	1.00	3.55	4.39	0.31
BV5480	4.0333	Max WS	TR030_TP01H	6.40	32.40	34.18		34.30	0.005436	1.62	4.12	5.35	0.54
BV5480	4	Max WS	TR200_TP01H	5.20	32.33	34.33		34.41	0.006531	1.31	4.07	7.93	0.58
BV5480	4	Max WS	TR200_TP03H	3.28	32.33	34.17		34.23	0.005283	1.15	2.96	5.95	0.50
BV5480	4	Max WS	TR200_TP06H	3.01	32.33	33.87		34.04	0.009709	1.82	1.66	4.28	0.71
BV5480	4	Max WS	TR030_TP06H	2.12	32.33	33.62		33.75	0.003470	1.59	1.33	2.79	0.49
BV5480	4	Max WS	TR030_TP03H	3.10	32.33	33.96		34.09	0.006392	1.61	2.01	4.32	0.59
BV5480	4	Max WS	TR030_TP01H	4.71	32.33	34.24		34.34	0.007922	1.41	3.43	6.87	0.62
BV5480	3.5												
BV5480													
BV5480	3	Max WS	TR200_TP01H	5.19	32.13	33.70		34.20	0.018698	3.12	1.66	3.17	0.90
BV5480	3	Max WS	TR200_TP03H	3.28	32.13	33.40		33.75	0.019224	2.62	1.25	2.01	0.87
BV5480	3	Max WS	TR200_TP06H	3.01	32.13	33.36		33.68	0.019028	2.52	1.19	1.91	0.86
BV5480	3	Max WS	TR030_TP06H	2.12	32.13	33.18		33.43	0.018327	2.21	0.96	1.56	0.81
BV5480	3	Max WS	TR030_TP03H	3.10	32.13	33.37		33.70	0.019064	2.56	1.21	1.94	0.86
BV5480	3	Max WS	TR030_TP01H	4.71	32.13	33.64		34.09	0.018576	3.00	1.57	2.87	0.89
BV5480	2.99												
BV5480	2.98												
BV5480	2.9474	Max WS	TR200_TP01H	5.16	32.04	33.60		34.10	0.018802	3.12	1.65	3.89	0.90
BV5480	2.9474	Max WS	TR200_TP03H	3.28	32.04	33.27		33.65	0.022383	2.75	1.20	2.01	0.93
BV5480	2.9474	Max WS	TR200_TP06H	3.01	32.04	33.23		33.58	0.021711	2.63	1.15	1.88	0.91
BV5480	2.9474	Max WS	TR030_TP06H	2.12	32.04	33.09		33.34	0.019051	2.21	0.96	1.60	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
BV5480	2.9474	Max WS	TR030_TP03H	3.10	32.04	33.24		33.60	0.021982	2.67	1.16	1.91	0.92
BV5480	2.9474	Max WS	TR030_TP01H	4.71	32.04	33.55		34.00	0.018027	2.97	1.58	3.22	0.88
BV5480	2.8421*	Max WS	TR200_TP01H	5.14	31.85	33.34	33.37	33.64	0.025266	2.42	2.12	4.04	1.07
BV5480	2.8421*	Max WS	TR200_TP03H	3.28	31.85	33.14		33.39	0.021276	2.22	1.48	2.50	0.92
BV5480	2.8421*	Max WS	TR200_TP06H	3.01	31.85	33.10		33.34	0.021031	2.17	1.38	2.35	0.90
BV5480	2.8421*	Max WS	TR030_TP06H	2.12	31.85	32.95		33.15	0.019097	1.98	1.07	1.79	0.82
BV5480	2.8421*	Max WS	TR030_TP03H	3.10	31.85	33.11		33.36	0.021161	2.19	1.41	2.39	0.91
BV5480	2.8421*	Max WS	TR030_TP01H	4.71	31.85	33.31	33.33	33.59	0.024512	2.38	1.98	3.72	1.04
BV5480	2.7369*	Max WS	TR200_TP01H	5.11	31.67	33.10	33.15	33.40	0.025504	2.42	2.11	4.14	1.08
BV5480	2.7369*	Max WS	TR200_TP03H	3.28	31.67	32.93	32.92	33.18	0.022815	2.20	1.50	2.92	0.98
BV5480	2.7369*	Max WS	TR200_TP06H	3.01	31.67	32.90	32.86	33.13	0.021658	2.15	1.40	2.63	0.94
BV5480	2.7369*	Max WS	TR030_TP06H	2.12	31.67	32.75		32.96	0.021197	2.01	1.06	2.04	0.89
BV5480	2.7369*	Max WS	TR030_TP03H	3.10	31.67	32.91	32.88	33.15	0.022094	2.17	1.43	2.72	0.96
BV5480	2.7369*	Max WS	TR030_TP01H	4.70	31.67	33.07	33.10	33.36	0.024382	2.36	1.99	3.88	1.05
BV5480	2.6316	Max WS	TR200_TP01H	5.02	31.49	32.84	32.90	33.14	0.029921	2.41	2.08	4.94	1.18
BV5480	2.6316	Max WS	TR200_TP03H	3.28	31.49	32.71	32.73	32.95	0.024269	2.17	1.51	3.38	1.04
BV5480	2.6316	Max WS	TR200_TP06H	3.01	31.49	32.68	32.68	32.91	0.023225	2.11	1.42	3.15	1.00
BV5480	2.6316	Max WS	TR030_TP06H	2.12	31.49	32.55		32.75	0.022043	1.99	1.06	2.28	0.93
BV5480	2.6316	Max WS	TR030_TP03H	3.10	31.49	32.69	32.70	32.92	0.023527	2.13	1.45	3.21	1.01
BV5480	2.6316	Max WS	TR030_TP01H	4.65	31.49	32.82	32.88	33.10	0.029040	2.36	1.97	4.70	1.16
BV5480	2.5263*	Max WS	TR200_TP01H	4.88	31.31	32.57	32.62	32.86	0.028424	2.37	2.06	4.92	1.17
BV5480	2.5263*	Max WS	TR200_TP03H	3.28	31.31	32.45	32.50	32.69	0.030280	2.16	1.52	4.37	1.17
BV5480	2.5263*	Max WS	TR200_TP06H	3.01	31.31	32.43	32.47	32.66	0.028871	2.10	1.43	4.12	1.14
BV5480	2.5263*	Max WS	TR030_TP06H	2.12	31.31	32.33	32.33	32.53	0.023634	1.98	1.07	2.66	0.99
BV5480	2.5263*	Max WS	TR030_TP03H	3.10	31.31	32.44	32.48	32.67	0.029378	2.12	1.46	4.22	1.15
BV5480	2.5263*	Max WS	TR030_TP01H	4.54	31.31	32.54	32.60	32.83	0.029600	2.35	1.93	4.80	1.19
BV5480	2.4211*	Max WS	TR200_TP01H	4.75	31.13	32.32	32.34	32.58	0.022605	2.24	2.12	4.68	1.06
BV5480	2.4211*	Max WS	TR200_TP03H	3.27	31.13	32.18	32.22	32.42	0.028774	2.18	1.50	4.19	1.16
BV5480	2.4211*	Max WS	TR200_TP06H	3.00	31.13	32.16	32.20	32.39	0.029109	2.13	1.41	4.12	1.16
BV5480	2.4211*	Max WS	TR030_TP06H	2.12	31.13	32.07	32.10	32.27	0.029915	1.95	1.09	3.64	1.14
BV5480	2.4211*	Max WS	TR030_TP03H	3.09	31.13	32.16	32.20	32.40	0.029290	2.15	1.44	4.14	1.17
BV5480	2.4211*	Max WS	TR030_TP01H	4.43	31.13	32.27	32.31	32.55	0.026279	2.31	1.92	4.52	1.13
BV5480	2.3158	Max WS	TR200_TP01H	4.90	30.95	32.12	32.10	32.35	0.018316	2.10	2.33	4.87	0.97
BV5480	2.3158	Max WS	TR200_TP03H	3.32	30.95	31.91	31.95	32.17	0.027527	2.25	1.47	3.79	1.15
BV5480	2.3158	Max WS	TR200_TP06H	2.99	30.95	31.88	31.92	32.13	0.029464	2.23	1.34	3.69	1.19
BV5480	2.3158	Max WS	TR030_TP06H	2.12	30.95	31.79	31.83	32.01	0.031177	2.06	1.03	3.34	1.19
BV5480	2.3158	Max WS	TR030_TP03H	3.07	30.95	31.89	31.93	32.14	0.029072	2.24	1.37	3.71	1.18
BV5480	2.3158	Max WS	TR030_TP01H	4.45	30.95	32.05	32.05	32.30	0.020585	2.22	2.00	4.14	1.02
BV5480	2.2211*	Max WS	TR200_TP01H	5.16	30.79	31.99		32.14	0.010193	1.77	2.92	5.07	0.74
BV5480	2.2211*	Max WS	TR200_TP03H	3.40	30.79	31.70	31.70	31.93	0.020793	2.13	1.60	3.67	1.03
BV5480	2.2211*	Max WS	TR200_TP06H	2.97	30.79	31.64	31.66	31.87	0.023057	2.12	1.40	3.56	1.08
BV5480	2.2211*	Max WS	TR030_TP06H	2.12	30.79	31.54	31.57	31.75	0.026491	2.01	1.05	3.25	1.13
BV5480	2.2211*	Max WS	TR030_TP03H	3.09	30.79	31.66	31.68	31.89	0.022984	2.14	1.44	3.58	1.08
BV5480	2.2211*	Max WS	TR030_TP01H	4.37	30.79	31.88		32.05	0.013964	1.85	2.36	5.02	0.86
BV5480	2.1263*	Max WS	TR200_TP01H	5.44	30.63	31.93		32.05	0.005404	1.53	3.55	4.23	0.53
BV5480	2.1263*	Max WS	TR200_TP03H	3.57	30.63	31.52	31.51	31.72	0.017353	1.96	1.83	4.23	0.95
BV5480	2.1263*	Max WS	TR200_TP06H	2.76	30.63	31.46		31.62	0.015624	1.77	1.55	3.90	0.90
BV5480	2.1263*	Max WS	TR030_TP06H	2.12	30.63	31.34	31.33	31.51	0.018869	1.84	1.15	3.18	0.98
BV5480	2.1263*	Max WS	TR030_TP03H	2.86	30.63	31.47		31.63	0.015675	1.78	1.60	3.99	0.90
BV5480	2.1263*	Max WS	TR030_TP01H	4.55	30.63	31.83		31.94	0.005637	1.47	3.10	4.23	0.55
BV5480	2.0316	Max WS	TR200_TP01H	4.72	30.46	31.95	31.38	32.03	0.002773	1.20	3.92	3.39	0.36
BV5480	2.0316	Max WS	TR200_TP03H	3.28	30.46	31.50	31.25	31.60	0.005461	1.37	2.39	3.39	0.52
BV5480	2.0316	Max WS	TR200_TP06H	2.70	30.46	31.36	31.20	31.46	0.007227	1.41	1.91	3.39	0.60
BV5480	2.0316	Max WS	TR030_TP06H	2.02	30.46	31.25	31.13	31.34	0.007578	1.30	1.55	3.39	0.61
BV5480	2.0316	Max WS	TR030_TP03H	2.80	30.46	31.37	31.21	31.48	0.007221	1.43	1.96	3.39	0.60
BV5480	2.0316	Max WS	TR030_TP01H	4.62	30.46	31.78	31.37	31.88	0.004178	1.38	3.34	3.39	0.45
BV5480	2.02			Inl Struct									
BV5480	2	Max WS	TR200_TP01H	4.70	28.90	31.92		31.93	0.000329	0.52	9.05	3.00	0.10
BV5480	2	Max WS	TR200_TP03H	3.27	28.90	31.46		31.47	0.000238	0.42	7.69	3.00	0.08
BV5480	2	Max WS	TR200_TP06H	2.70	28.90	30.33		30.35	0.000738	0.63	4.29	3.00	0.17
BV5480	2	Max WS	TR030_TP06H	2.02	28.90	29.96		29.98	0.000940	0.64	3.17	3.00	0.20
BV5480	2	Max WS	TR030_TP03H	2.79	28.90	30.49		30.51	0.000592	0.58	4.77	3.00	0.15
BV5480	2	Max WS	TR030_TP01H	4.62	28.90	31.75		31.76	0.000366	0.54	8.55	3.00	0.10
BV5480	1.9798	Max WS	TR200_TP01H	5.67	28.90	31.51	30.18	31.84	0.029374	2.52	2.25		0.50
BV5480	1.9798	Max WS	TR200_TP03H	5.14	28.90	31.15	30.10	31.41	0.024187	2.29	2.25		0.49
BV5480	1.9798	Max WS	TR200_TP06H	3.26	28.90	30.01	29.79	30.29	0.023061	2.35	1.39	1.25	0.71
BV5480	1.9798	Max WS	TR030_TP06H	2.12	28.90	29.71	29.57	29.93	0.021616	2.10	1.01	1.25	0.74
BV5480	1.9798	Max WS	TR030_TP03H	3.75	28.90	30.14	29.87	30.44	0.023119	2.42	1.55	1.25	0.69
BV5480	1.9798	Max WS	TR030_TP01H	6.57	28.90	31.26	30.31	31.69	0.039465	2.92	2.25		0.61
BV5480	1.9704	Max WS	TR200_TP01H	5.66	28.88	31.46	30.16	31.79	0.004041	2.51	2.25		0.50
BV5480	1.9704	Max WS	TR200_TP03H	5.14	28.88	31.11	30.08	31.37	0.003337	2.29	2.25		0.49
BV5480	1.9704	Max WS	TR200_TP06H	3.26	28.88	29.94	29.77	30.25	0.003539	2.46	1.33	1.25	0.76
BV5480	1.9704	Max WS	TR030_TP06H	2.12	28.88	29.64	29.55	29.90	0.003515	2.23	0.95	1.25	0.82
BV5480	1.9704	Max WS	TR030_TP03H	3.75	28.88	30.08	29.85	30.40	0.003488	2.51	1.50	1.25	0.73
BV5480	1.9704	Max WS	TR030_TP01H	6.57	28.88	31.19	30.29	31.63	0.005445	2.92	2.25		0.61
BV5480	1.9488*	Max WS	TR200_TP01H	5.65	28.86	31.44	30.13	31.76	0.004030	2.51	2.25		0.50
BV5480	1.9488*	Max WS	TR200_TP03H	5.14	28.86	31.08	30.06	31.35	0.003337	2.29	2.25		0.49
BV5480	1.9488*	Max WS	TR200_TP06H	3.26	28.86	29.92	29.74	30.23	0.003534	2.45	1.33	1.25	0.76
BV5480	1.9488*	Max WS	TR030_TP06H	2.12	28.86	29.62	29.52	29.87	0.003515	2.23	0.95	1.25	0.82
BV5480	1.9488*	Max WS	TR030_TP03H	3.75	28.86	30.06	29.83	30.38	0.003477	2.51	1.50	1.25	0.73
BV5480	1.9488*	Max WS	TR030_TP01H	6.74	28.86	31.19	30.29	31.65	0.005733	3.00	2.25		0.63
BV5480	1.9272*	Max WS	TR200_TP01H	5.65	28.83	31.41	30.11	31.73	0.004032	2.51	2.25		0.50
BV5480	1.9272*	Max WS	TR200_TP03H	5.14	28.83	31.06	30.03	31.33	0.003338	2.29	2.25		0.49

HEC-RAS River: BV5480 Reach: BV5480 Profile: Max WS (Continued)

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
BV5480	1.9272*	Max WS	TR200_TP06H	3.25	28.83	29.89	29.72	30.20	0.003537	2.46	1.33	1.25	0.76
BV5480	1.9272*	Max WS	TR030_TP06H	2.12	28.83	29.59	29.50	29.85	0.003526	2.24	0.95	1.25	0.82
BV5480	1.9272*	Max WS	TR030_TP03H	3.75	28.83	30.03	29.80	30.35	0.003471	2.50	1.50	1.25	0.73
BV5480	1.9272*	Max WS	TR030_TP01H	6.74	28.83	31.20	30.27	31.65	0.005735	3.00	2.25		0.62
BV5480	1.9056*	Max WS	TR200_TP01H	5.65	28.81	31.38	30.09	31.70	0.004030	2.51	2.25		0.50
BV5480	1.9056*	Max WS	TR200_TP03H	5.14	28.81	31.04	30.01	31.30	0.003337	2.29	2.25		0.49
BV5480	1.9056*	Max WS	TR200_TP06H	3.25	28.81	29.87	29.69	30.18	0.003532	2.45	1.33	1.25	0.76
BV5480	1.9056*	Max WS	TR030_TP06H	2.12	28.81	29.57	29.47	29.82	0.003529	2.24	0.95	1.25	0.82
BV5480	1.9056*	Max WS	TR030_TP03H	3.74	28.81	30.01	29.78	30.33	0.003443	2.49	1.50	1.25	0.73
BV5480	1.9056*	Max WS	TR030_TP01H	6.74	28.81	31.20	30.25	31.66	0.005732	3.00	2.25		0.62
BV5480	1.8841*	Max WS	TR200_TP01H	5.65	28.79	31.36	30.06	31.68	0.004027	2.51	2.25		0.50
BV5480	1.8841*	Max WS	TR200_TP03H	5.14	28.79	31.01	29.99	31.28	0.003337	2.29	2.25		0.49
BV5480	1.8841*	Max WS	TR200_TP06H	3.25	28.79	29.85	29.67	30.15	0.003529	2.45	1.33	1.25	0.76
BV5480	1.8841*	Max WS	TR030_TP06H	2.12	28.79	29.54	29.45	29.80	0.003533	2.24	0.95	1.25	0.82
BV5480	1.8841*	Max WS	TR030_TP03H	3.73	28.79	29.99	29.76	30.30	0.003433	2.49	1.50	1.25	0.73
BV5480	1.8841*	Max WS	TR030_TP01H	6.74	28.79	31.21	30.22	31.67	0.005732	3.00	2.25		0.61
BV5480	1.8625*	Max WS	TR200_TP01H	5.65	28.76	31.33	30.04	31.65	0.004028	2.51	2.25		0.50
BV5480	1.8625*	Max WS	TR200_TP03H	5.14	28.76	30.99	29.96	31.26	0.003338	2.29	2.25		0.49
BV5480	1.8625*	Max WS	TR200_TP06H	3.25	28.76	29.82	29.65	30.13	0.003532	2.45	1.32	1.25	0.76
BV5480	1.8625*	Max WS	TR030_TP06H	2.12	28.76	29.52	29.43	29.77	0.003548	2.24	0.95	1.25	0.82
BV5480	1.8625*	Max WS	TR030_TP03H	3.73	28.76	29.96	29.73	30.28	0.003425	2.49	1.50	1.25	0.73
BV5480	1.8625*	Max WS	TR030_TP01H	6.74	28.76	31.22	30.20	31.68	0.005735	3.00	2.25		0.61
BV5480	1.8409*	Max WS	TR200_TP01H	5.65	28.74	31.30	30.01	31.62	0.004027	2.51	2.25		0.50
BV5480	1.8409*	Max WS	TR200_TP03H	5.14	28.74	30.97	29.94	31.23	0.003337	2.29	2.25		0.49
BV5480	1.8409*	Max WS	TR200_TP06H	3.25	28.74	29.80	29.62	30.10	0.003505	2.45	1.33	1.25	0.76
BV5480	1.8409*	Max WS	TR030_TP06H	2.12	28.74	29.50	29.40	29.75	0.003507	2.23	0.95	1.25	0.82
BV5480	1.8409*	Max WS	TR030_TP03H	3.73	28.74	29.94	29.71	30.25	0.003396	2.48	1.51	1.25	0.72
BV5480	1.8409*	Max WS	TR030_TP01H	6.74	28.74	31.23	30.17	31.68	0.005732	3.00	2.25		0.61
BV5480	1.8193*	Max WS	TR200_TP01H	7.00	28.71	31.28	30.19	31.77	0.006193	3.11	2.25		0.62
BV5480	1.8193*	Max WS	TR200_TP03H	5.14	28.71	30.95	29.91	31.21	0.003338	2.29	2.25		0.49
BV5480	1.8193*	Max WS	TR200_TP06H	3.25	28.71	29.78	29.59	30.08	0.003508	2.45	1.33	1.25	0.76
BV5480	1.8193*	Max WS	TR030_TP06H	2.12	28.71	29.47	29.38	29.73	0.003515	2.23	0.95	1.25	0.82
BV5480	1.8193*	Max WS	TR030_TP03H	3.73	28.71	29.92	29.68	30.23	0.003384	2.48	1.51	1.25	0.72
BV5480	1.8193*	Max WS	TR030_TP01H	6.74	28.71	31.23	30.15	31.69	0.005735	3.00	2.25		0.60
BV5480	1.7977*	Max WS	TR200_TP01H	7.00	28.69	31.28	30.16	31.77	0.006190	3.11	2.25		0.62
BV5480	1.7977*	Max WS	TR200_TP03H	5.14	28.69	30.92	29.89	31.19	0.003337	2.29	2.25		0.49
BV5480	1.7977*	Max WS	TR200_TP06H	3.25	28.69	29.75	29.57	30.06	0.003501	2.44	1.33	1.25	0.76
BV5480	1.7977*	Max WS	TR030_TP06H	2.12	28.69	29.45	29.35	29.70	0.003515	2.23	0.95	1.25	0.82
BV5480	1.7977*	Max WS	TR030_TP03H	3.73	28.69	29.90	29.66	30.21	0.003368	2.47	1.51	1.25	0.72
BV5480	1.7977*	Max WS	TR030_TP01H	6.74	28.69	31.24	30.13	31.70	0.005732	3.00	2.25		0.60
BV5480	1.7761*	Max WS	TR200_TP01H	7.00	28.66	31.28	30.14	31.77	0.006190	3.11	2.25		0.62
BV5480	1.7761*	Max WS	TR200_TP03H	5.14	28.66	30.90	29.86	31.17	0.003337	2.29	2.25		0.49
BV5480	1.7761*	Max WS	TR200_TP06H	3.25	28.66	29.73	29.55	30.03	0.003495	2.44	1.33	1.25	0.76
BV5480	1.7761*	Max WS	TR030_TP06H	2.12	28.66	29.42	29.33	29.68	0.003515	2.23	0.95	1.25	0.82
BV5480	1.7761*	Max WS	TR030_TP03H	3.73	28.66	29.88	29.63	30.19	0.003350	2.47	1.51	1.25	0.72
BV5480	1.7761*	Max WS	TR030_TP01H	6.74	28.66	31.25	30.10	31.71	0.005732	3.00	2.25		0.59
BV5480	1.7545*	Max WS	TR200_TP01H	7.00	28.64	31.28	30.11	31.77	0.006193	3.11	2.25		0.61
BV5480	1.7545*	Max WS	TR200_TP03H	5.14	28.64	30.88	29.84	31.14	0.003338	2.29	2.25		0.49
BV5480	1.7545*	Max WS	TR200_TP06H	3.24	28.64	29.70	29.52	30.01	0.003496	2.44	1.33	1.25	0.76
BV5480	1.7545*	Max WS	TR030_TP06H	2.12	28.64	29.40	29.31	29.65	0.003526	2.24	0.95	1.25	0.82
BV5480	1.7545*	Max WS	TR030_TP03H	3.73	28.64	29.85	29.61	30.16	0.003335	2.46	1.52	1.25	0.71
BV5480	1.7545*	Max WS	TR030_TP01H	6.74	28.64	31.26	30.08	31.72	0.005735	3.00	2.25		0.59
BV5480	1.7329*	Max WS	TR200_TP01H	7.00	28.62	31.27	30.09	31.77	0.006193	3.11	2.25		0.61
BV5480	1.7329*	Max WS	TR200_TP03H	5.14	28.62	30.85	29.82	31.12	0.003338	2.29	2.25		0.49
BV5480	1.7329*	Max WS	TR200_TP06H	3.24	28.62	29.68	29.50	29.98	0.003489	2.44	1.33	1.25	0.76
BV5480	1.7329*	Max WS	TR030_TP06H	2.12	28.62	29.38	29.28	29.63	0.003529	2.24	0.95	1.25	0.82
BV5480	1.7329*	Max WS	TR030_TP03H	3.73	28.62	29.83	29.59	30.14	0.003315	2.46	1.52	1.25	0.71
BV5480	1.7329*	Max WS	TR030_TP01H	6.74	28.62	31.27	30.05	31.72	0.005735	3.00	2.25		0.59
BV5480	1.7114*	Max WS	TR200_TP01H	7.00	28.59	31.27	30.07	31.77	0.006190	3.11	2.25		0.61
BV5480	1.7114*	Max WS	TR200_TP03H	5.14	28.59	30.83	29.79	31.10	0.003337	2.29	2.25		0.49
BV5480	1.7114*	Max WS	TR200_TP06H	3.24	28.59	29.66	29.48	29.96	0.003483	2.44	1.33	1.25	0.75
BV5480	1.7114*	Max WS	TR030_TP06H	2.12	28.59	29.35	29.26	29.61	0.003529	2.24	0.95	1.25	0.82
BV5480	1.7114*	Max WS	TR030_TP03H	3.73	28.59	29.81	29.56	30.12	0.003292	2.45	1.52	1.25	0.71
BV5480	1.7114*	Max WS	TR030_TP01H	6.74	28.59	31.27	30.03	31.73	0.005732	3.00	2.25		0.58
BV5480	1.6898*	Max WS	TR200_TP01H	7.00	28.57	31.27	30.04	31.77	0.006190	3.11	2.25		0.60
BV5480	1.6898*	Max WS	TR200_TP03H	5.14	28.57	30.81	29.77	31.07	0.003337	2.29	2.25		0.49
BV5480	1.6898*	Max WS	TR200_TP06H	3.24	28.57	29.63	29.45	29.94	0.003474	2.44	1.33	1.25	0.75
BV5480	1.6898*	Max WS	TR030_TP06H	2.12	28.57	29.33	29.23	29.58	0.003533	2.24	0.95	1.25	0.82
BV5480	1.6898*	Max WS	TR030_TP03H	3.73	28.57	29.79	29.54	30.09	0.003269	2.44	1.53	1.25	0.71
BV5480	1.6898*	Max WS	TR030_TP01H	6.74	28.57	31.28	30.01	31.74	0.005732	3.00	2.25		0.58
BV5480	1.6682*	Max WS	TR200_TP01H	7.00	28.55	31.27	30.02	31.77	0.006193	3.11	2.25		0.60
BV5480	1.6682*	Max WS	TR200_TP03H	5.14	28.55	30.79	29.74	31.05	0.003338	2.29	2.25		0.49
BV5480	1.6682*	Max WS	TR200_TP06H	3.24	28.55	29.61	29.43	29.91	0.003470	2.43	1.33	1.25	0.75
BV5480	1.6682*	Max WS	TR030_TP06H	2.12	28.55	29.30	29.21	29.56	0.003552	2.24	0.95	1.25	0.82
BV5480	1.6682*	Max WS	TR030_TP03H	3.73	28.55	29.77	29.51	30.07	0.003248	2.43	1.53	1.25	0.70
BV5480	1.6682*	Max WS	TR030_TP01H	6.74	28.55	31.29	29.98	31.75	0.005734	3.00	2.25		0.58
BV5480	1.6466*	Max WS	TR200_TP01H	7.00	28.52	31.27	29.99	31.76	0.006193	3.11	2.25		0.60
BV5480	1.6466*	Max WS	TR200_TP03H	5.14	28.52	30.76	29.72	31.03	0.003338	2.29	2.25		0.49
BV5480	1.6466*	Max WS	TR200_TP06H	3.24	28.52	29.59	29.40	29.89	0.003462	2.43	1.33	1.25	0.75
BV5480	1.6466*	Max WS	TR030_TP06H	2.12	28.52	29.28	29.19	29.53	0.003563	2.25	0.94	1.25	0.83
BV5480	1.6466*	Max WS	TR030_TP03H	3.72	28.52	29.75	29.49	30.05	0.003210	2.42	1.54	1.25	0.70
BV5480	1.6466*	Max WS	TR030_TP01H	6.74	28.52	31.30	29.96	31.76	0.005734	3.00	2.25		0.57
BV5480	1.6250*	Max WS	TR200_TP01H	7.00	28.50	31.27	29.97	31.76	0.006193	3.11	2.25		0.60
BV5480	1.6250*	Max WS	TR200_TP03H	5.14	28.50	30.74	29.69	31.01	0.003338	2.29	2.25		0.49

Reach	River Sta	Profile	Plan	Q Total (m3/s)	Min Chl 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
BV5480	1.6250*	Max WS	TR200_TP06H	3.24	28.50	29.57	29.38	29.87	0.003434	2.42	1.34	1.25	0.75
BV5480	1.6250*	Max WS	TR030_TP06H	2.12	28.50	29.25	29.16	29.51	0.003537	2.24	0.95	1.25	0.82
BV5480	1.6250*	Max WS	TR030_TP03H	3.72	28.50	29.73	29.46	30.03	0.003169	2.41	1.54	1.25	0.69
BV5480	1.6250*	Max WS	TR030_TP01H	6.74	28.50	31.31	29.93	31.76	0.005734	3.00	2.25		0.57
BV5480	1.6034*	Max WS	TR200_TP01H	7.00	28.47	31.27	29.95	31.76	0.006190	3.11	2.25		0.59
BV5480	1.6034*	Max WS	TR200_TP03H	5.14	28.47	30.72	29.67	30.98	0.003337	2.29	2.25		0.49
BV5480	1.6034*	Max WS	TR200_TP06H	3.24	28.47	29.54	29.35	29.84	0.003422	2.42	1.34	1.25	0.75
BV5480	1.6034*	Max WS	TR030_TP06H	2.12	28.47	29.23	29.14	29.48	0.003540	2.24	0.95	1.25	0.82
BV5480	1.6034*	Max WS	TR030_TP03H	3.72	28.47	29.71	29.44	30.01	0.003138	2.40	1.55	1.25	0.69
BV5480	1.6034*	Max WS	TR030_TP01H	6.74	28.47	31.31	29.91	31.77	0.005732	3.00	2.25		0.57
BV5480	1.5818*	Max WS	TR200_TP01H	7.00	28.45	31.27	29.92	31.76	0.006190	3.11	2.25		0.59
BV5480	1.5818*	Max WS	TR200_TP03H	5.14	28.45	30.69	29.65	30.96	0.003337	2.29	2.25		0.49
BV5480	1.5818*	Max WS	TR200_TP06H	3.24	28.45	29.52	29.33	29.82	0.003406	2.42	1.34	1.25	0.75
BV5480	1.5818*	Max WS	TR030_TP06H	2.12	28.45	29.20	29.11	29.46	0.003548	2.24	0.95	1.25	0.82
BV5480	1.5818*	Max WS	TR030_TP03H	3.72	28.45	29.69	29.41	29.98	0.003105	2.39	1.56	1.25	0.68
BV5480	1.5818*	Max WS	TR030_TP01H	6.74	28.45	31.32	29.88	31.78	0.005731	3.00	2.25		0.56
BV5480	1.5602*	Max WS	TR200_TP01H	7.00	28.42	31.27	29.90	31.76	0.006192	3.11	2.25		0.59
BV5480	1.5602*	Max WS	TR200_TP03H	5.14	28.42	30.67	29.62	30.94	0.003338	2.29	2.25		0.49
BV5480	1.5602*	Max WS	TR200_TP06H	3.24	28.42	29.50	29.30	29.79	0.003396	2.41	1.34	1.25	0.74
BV5480	1.5602*	Max WS	TR030_TP06H	2.12	28.42	29.18	29.09	29.44	0.003566	2.25	0.94	1.25	0.83
BV5480	1.5602*	Max WS	TR030_TP03H	3.72	28.42	29.67	29.39	29.96	0.003084	2.38	1.56	1.25	0.68
BV5480	1.5602*	Max WS	TR030_TP01H	6.74	28.42	31.33	29.86	31.79	0.005734	3.00	2.25		0.56
BV5480	1.5387*	Max WS	TR200_TP01H	7.00	28.40	31.27	29.87	31.76	0.006192	3.11	2.25		0.59
BV5480	1.5387*	Max WS	TR200_TP03H	5.14	28.40	30.65	29.60	30.91	0.003338	2.29	2.25		0.49
BV5480	1.5387*	Max WS	TR200_TP06H	3.24	28.40	29.48	29.28	29.77	0.003378	2.41	1.34	1.25	0.74
BV5480	1.5387*	Max WS	TR030_TP06H	2.12	28.40	29.15	29.06	29.41	0.003582	2.25	0.94	1.25	0.83
BV5480	1.5387*	Max WS	TR030_TP03H	3.72	28.40	29.66	29.37	29.94	0.003047	2.37	1.57	1.25	0.68
BV5480	1.5387*	Max WS	TR030_TP01H	6.74	28.40	31.34	29.84	31.80	0.005734	3.00	2.25		0.56
BV5480	1.5171*	Max WS	TR200_TP01H	7.00	28.38	31.26	29.85	31.76	0.006189	3.11	2.25		0.58
BV5480	1.5171*	Max WS	TR200_TP03H	5.14	28.38	30.63	29.58	30.89	0.003337	2.29	2.25		0.49
BV5480	1.5171*	Max WS	TR200_TP06H	3.24	28.38	29.45	29.26	29.75	0.003358	2.40	1.35	1.25	0.74
BV5480	1.5171*	Max WS	TR030_TP06H	2.12	28.38	29.13	29.04	29.39	0.003604	2.26	0.94	1.25	0.83
BV5480	1.5171*	Max WS	TR030_TP03H	3.72	28.38	29.64	29.34	29.92	0.003008	2.36	1.58	1.25	0.67
BV5480	1.5171*	Max WS	TR030_TP01H	6.74	28.38	31.35	29.81	31.80	0.005731	3.00	2.25		0.55
BV5480	1.4955*	Max WS	TR200_TP01H	7.00	28.35	31.26	29.83	31.76	0.006189	3.11	2.25		0.58
BV5480	1.4955*	Max WS	TR200_TP03H	5.14	28.35	30.60	29.55	30.87	0.003337	2.29	2.25		0.49
BV5480	1.4955*	Max WS	TR200_TP06H	3.24	28.35	29.43	29.23	29.73	0.003336	2.40	1.35	1.25	0.74
BV5480	1.4955*	Max WS	TR030_TP06H	2.12	28.35	29.10	29.02	29.36	0.003631	2.26	0.94	1.25	0.83
BV5480	1.4955*	Max WS	TR030_TP03H	3.72	28.35	29.62	29.32	29.90	0.002969	2.35	1.59	1.25	0.66
BV5480	1.4955*	Max WS	TR030_TP01H	6.74	28.35	31.35	29.79	31.81	0.005731	3.00	2.25		0.55
BV5480	1.4739*	Max WS	TR200_TP01H	7.00	28.33	31.26	29.80	31.76	0.006192	3.11	2.25		0.58
BV5480	1.4739*	Max WS	TR200_TP03H	5.14	28.33	30.58	29.53	30.85	0.003338	2.29	2.25		0.49
BV5480	1.4739*	Max WS	TR200_TP06H	3.24	28.33	29.41	29.21	29.70	0.003317	2.39	1.35	1.25	0.73
BV5480	1.4739*	Max WS	TR030_TP06H	2.12	28.33	29.07	28.99	29.34	0.003685	2.27	0.93	1.25	0.84
BV5480	1.4739*	Max WS	TR030_TP03H	3.72	28.33	29.60	29.30	29.88	0.002931	2.33	1.60	1.25	0.66
BV5480	1.4739*	Max WS	TR030_TP01H	6.74	28.33	31.36	29.76	31.82	0.005733	3.00	2.25		0.55
BV5480	1.4523*	Max WS	TR200_TP01H	7.00	28.30	31.26	29.78	31.76	0.006192	3.11	2.25		0.58
BV5480	1.4523*	Max WS	TR200_TP03H	5.14	28.30	30.56	29.50	30.82	0.003338	2.29	2.25		0.49
BV5480	1.4523*	Max WS	TR200_TP06H	3.24	28.30	29.39	29.19	29.68	0.003292	2.38	1.36	1.25	0.73
BV5480	1.4523*	Max WS	TR030_TP06H	2.12	28.30	29.05	28.97	29.31	0.003745	2.29	0.93	1.25	0.85
BV5480	1.4523*	Max WS	TR030_TP03H	3.72	28.30	29.59	29.27	29.86	0.002890	2.32	1.60	1.25	0.65
BV5480	1.4523*	Max WS	TR030_TP01H	6.74	28.30	31.37	29.74	31.83	0.005733	3.00	2.25		0.55
BV5480	1.4307*	Max WS	TR200_TP01H	7.00	28.28	31.26	29.75	31.76	0.006189	3.11	2.25		0.58
BV5480	1.4307*	Max WS	TR200_TP03H	5.14	28.28	30.53	29.48	30.80	0.003337	2.29	2.25		0.49
BV5480	1.4307*	Max WS	TR200_TP06H	3.24	28.28	29.37	29.16	29.66	0.003264	2.38	1.36	1.25	0.73
BV5480	1.4307*	Max WS	TR030_TP06H	2.12	28.28	29.01	28.95	29.29	0.003835	2.31	0.92	1.25	0.86
BV5480	1.4307*	Max WS	TR030_TP03H	3.72	28.28	29.57	29.25	29.84	0.002848	2.31	1.61	1.25	0.65
BV5480	1.4307*	Max WS	TR030_TP01H	6.74	28.28	31.38	29.72	31.84	0.005730	2.99	2.25		0.54
BV5480	1.4091*	Max WS	TR200_TP01H	7.00	28.25	31.26	29.73	31.76	0.006189	3.11	2.25		0.57
BV5480	1.4091*	Max WS	TR200_TP03H	5.14	28.25	30.51	29.46	30.78	0.003337	2.29	2.25		0.49
BV5480	1.4091*	Max WS	TR200_TP06H	3.24	28.25	29.35	29.14	29.64	0.003221	2.36	1.37	1.25	0.72
BV5480	1.4091*	Max WS	TR030_TP06H	2.12	28.25	28.98	28.92	29.26	0.003919	2.33	0.91	1.25	0.87
BV5480	1.4091*	Max WS	TR030_TP03H	3.72	28.25	29.56	29.22	29.82	0.002796	2.29	1.63	1.25	0.64
BV5480	1.4091*	Max WS	TR030_TP01H	6.74	28.25	31.39	29.69	31.84	0.005730	2.99	2.25		0.54
BV5480	1.3875*	Max WS	TR200_TP01H	7.00	28.23	31.26	29.71	31.75	0.006188	3.11	2.25		0.57
BV5480	1.3875*	Max WS	TR200_TP03H	5.14	28.23	30.49	29.43	30.75	0.003337	2.29	2.25		0.49
BV5480	1.3875*	Max WS	TR200_TP06H	3.23	28.23	29.33	29.11	29.61	0.003185	2.35	1.38	1.25	0.72
BV5480	1.3875*	Max WS	TR030_TP06H	2.12	28.23	28.94	28.89	29.23	0.004129	2.38	0.89	1.25	0.90
BV5480	1.3875*	Max WS	TR030_TP03H	3.72	28.23	29.54	29.20	29.80	0.002743	2.27	1.64	1.25	0.63
BV5480	1.3875*	Max WS	TR030_TP01H	6.74	28.23	31.40	29.67	31.85	0.005730	2.99	2.25		0.54
BV5480	1.3660*	Max WS	TR200_TP01H	7.00	28.21	31.25	29.68	31.74	0.006189	3.11	2.25		0.57
BV5480	1.3660*	Max WS	TR200_TP03H	5.14	28.21	30.47	29.41	30.73	0.003338	2.29	2.25		0.49
BV5480	1.3660*	Max WS	TR200_TP06H	3.23	28.21	29.31	29.09	29.59	0.003151	2.34	1.38	1.25	0.71
BV5480	1.3660*	Max WS	TR030_TP06H	2.12	28.21	28.90	28.87	29.21	0.004466	2.45	0.87	1.25	0.94
BV5480	1.3660*	Max WS	TR030_TP03H	3.71	28.21	29.53	29.17	29.78	0.002687	2.25	1.65	1.25	0.63
BV5480	1.3660*	Max WS	TR030_TP01H	6.74	28.21	31.40	29.64	31.86	0.005732	3.00	2.25		0.54
BV5480	1.3444*	Max WS	TR200_TP01H	7.00	28.18	31.21	29.66	31.71	0.006187	3.11	2.25		0.57
BV5480	1.3444*	Max WS	TR200_TP03H	5.14	28.18	30.44	29.38	30.71	0.003338	2.29	2.25		0.49
BV5480	1.3444*	Max WS	TR200_TP06H	3.23	28.18	29.29	29.06	29.57	0.003109	2.33	1.39	1.25	0.71
BV5480	1.3444*	Max WS	TR030_TP06H	2.12	28.18	28.86	28.85	29.18	0.004752	2.51	0.85	1.25	0.97
BV5480	1.3444*	Max WS	TR030_TP03H	3.72	28.18	29.51	29.15	29.77	0.002651	2.24	1.66	1.25	0.62
BV5480	1.3444*	Max WS	TR030_TP01H	6.74	28.18	31.41	29.62	31.87	0.005732	3.00	2.25		0.53
BV5480	1.3228*	Max WS	TR200_TP01H	7.00	28.16	31.16	29.63	31.65	0.006185	3.11	2.25		0.57
BV5480	1.3228*	Max WS	TR200_TP03H	5.14	28.16	30.42	29.36	30.69	0.003337	2.29	2.25		0.49

HEC-RAS River: BV5480 Reach: BV5480 Profile: Max WS (Continued)

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
BV5480	1.3228*	Max WS	TR200_TP06H	3.23	28.16	29.28	29.04	29.55	0.003069	2.32	1.40	1.25	0.70
BV5480	1.3228*	Max WS	TR030_TP06H	2.12	28.16	28.83	28.82	29.16	0.004950	2.55	0.83	1.25	1.00
BV5480	1.3228*	Max WS	TR030_TP03H	3.71	28.16	29.50	29.13	29.75	0.002600	2.22	1.67	1.25	0.61
BV5480	1.3228*	Max WS	TR030_TP01H	6.74	28.16	31.42	29.60	31.88	0.005729	2.99	2.25		0.53
BV5480	1.3012	Max WS	TR200_TP01H	7.00	28.13	31.09	29.61	31.58	0.006185	3.11	2.25		0.58
BV5480	1.3012	Max WS	TR200_TP03H	5.14	28.13	30.40	29.33	30.66	0.003337	2.29	2.25		0.49
BV5480	1.3012	Max WS	TR200_TP06H	3.23	28.13	29.26	29.01	29.53	0.003025	2.30	1.40	1.25	0.69
BV5480	1.3012	Max WS	TR030_TP06H	2.12	28.13	28.79	28.80	29.13	0.005167	2.59	0.82	1.25	1.02
BV5480	1.3012	Max WS	TR030_TP03H	3.71	28.13	29.48	29.10	29.73	0.002548	2.20	1.69	1.25	0.61
BV5480	1.3012	Max WS	TR030_TP01H	6.74	28.13	31.41	29.57	31.87	0.005727	2.99	2.25		0.53
BV5480	1.2918*	Max WS	TR200_TP01H	7.00	28.12	31.05	29.59	31.55	0.006184	3.11	2.25		0.58
BV5480	1.2918*	Max WS	TR200_TP03H	5.14	28.12	30.39	29.32	30.65	0.003337	2.29	2.25		0.48
BV5480	1.2918*	Max WS	TR200_TP06H	3.23	28.12	29.26	29.00	29.52	0.002902	2.26	1.43	1.25	0.68
BV5480	1.2918*	Max WS	TR030_TP06H	2.12	28.12	28.78	28.78	29.11	0.005091	2.57	0.82	1.25	1.01
BV5480	1.2918*	Max WS	TR030_TP03H	3.71	28.12	29.48	29.08	29.72	0.002468	2.17	1.71	1.25	0.59
BV5480	1.2918*	Max WS	TR030_TP01H	6.74	28.12	31.39	29.55	31.85	0.005726	2.99	2.25		0.53
BV5480	1.2823*	Max WS	TR200_TP01H	7.00	28.10	31.02	29.57	31.52	0.006187	3.11	2.25		0.58
BV5480	1.2823*	Max WS	TR200_TP03H	5.14	28.10	30.38	29.30	30.64	0.003338	2.29	2.25		0.48
BV5480	1.2823*	Max WS	TR200_TP06H	3.23	28.10	29.26	28.98	29.51	0.002789	2.23	1.45	1.25	0.66
BV5480	1.2823*	Max WS	TR030_TP06H	2.12	28.10	28.76	28.76	29.09	0.005011	2.56	0.83	1.25	1.00
BV5480	1.2823*	Max WS	TR030_TP03H	3.71	28.10	29.48	29.06	29.72	0.002392	2.15	1.73	1.25	0.58
BV5480	1.2823*	Max WS	TR030_TP01H	6.74	28.10	31.36	29.53	31.82	0.005729	2.99	2.25		0.53
BV5480	1.2729*	Max WS	TR200_TP01H	7.00	28.08	30.99	29.55	31.48	0.006168	3.11	2.25		0.58
BV5480	1.2729*	Max WS	TR200_TP03H	5.14	28.08	30.37	29.28	30.63	0.003328	2.28	2.25		0.48
BV5480	1.2729*	Max WS	TR200_TP06H	3.23	28.08	29.26	28.96	29.50	0.002668	2.19	1.48	1.25	0.64
BV5480	1.2729*	Max WS	TR030_TP06H	2.12	28.08	28.75	28.74	29.07	0.004909	2.54	0.84	1.25	0.99
BV5480	1.2729*	Max WS	TR030_TP03H	3.71	28.08	29.48	29.04	29.71	0.002311	2.12	1.76	1.25	0.57
BV5480	1.2729*	Max WS	TR030_TP01H	6.74	28.08	31.33	29.51	31.78	0.005711	2.99	2.25		0.53
BV5480	1.2635*	Max WS	TR200_TP01H	7.00	28.06	30.96	29.53	31.45	0.006168	3.11	2.25		0.58
BV5480	1.2635*	Max WS	TR200_TP03H	5.14	28.06	30.36	29.26	30.62	0.003328	2.28	2.25		0.48
BV5480	1.2635*	Max WS	TR200_TP06H	3.23	28.06	29.26	28.94	29.49	0.002567	2.15	1.50	1.25	0.63
BV5480	1.2635*	Max WS	TR030_TP06H	2.12	28.06	28.73	28.72	29.05	0.004798	2.52	0.84	1.25	0.98
BV5480	1.2635*	Max WS	TR030_TP03H	3.71	28.06	29.48	29.02	29.70	0.002242	2.09	1.78	1.25	0.56
BV5480	1.2635*	Max WS	TR030_TP01H	6.74	28.06	31.29	29.49	31.75	0.005711	2.99	2.25		0.53
BV5480	1.2541*	Max WS	TR200_TP01H	7.00	28.04	30.93	29.51	31.42	0.006166	3.11	2.25		0.58
BV5480	1.2541*	Max WS	TR200_TP03H	5.14	28.04	30.35	29.24	30.61	0.003327	2.28	2.25		0.48
BV5480	1.2541*	Max WS	TR200_TP06H	3.23	28.04	29.26	28.92	29.49	0.002469	2.12	1.52	1.25	0.61
BV5480	1.2541*	Max WS	TR030_TP06H	2.12	28.04	28.72	28.70	29.04	0.004614	2.48	0.86	1.25	0.96
BV5480	1.2541*	Max WS	TR030_TP03H	3.71	28.04	29.48	29.00	29.70	0.002174	2.06	1.80	1.25	0.55
BV5480	1.2541*	Max WS	TR030_TP01H	6.74	28.04	31.26	29.47	31.71	0.005709	2.99	2.25		0.53
BV5480	1.2446*	Max WS	TR200_TP01H	7.00	28.02	30.90	29.49	31.39	0.006168	3.11	2.25		0.59
BV5480	1.2446*	Max WS	TR200_TP03H	5.14	28.02	30.34	29.22	30.60	0.003328	2.28	2.25		0.48
BV5480	1.2446*	Max WS	TR200_TP06H	3.23	28.02	29.26	28.90	29.48	0.002380	2.09	1.55	1.25	0.60
BV5480	1.2446*	Max WS	TR030_TP06H	2.12	28.02	28.72	28.68	29.02	0.004329	2.42	0.88	1.25	0.92
BV5480	1.2446*	Max WS	TR030_TP03H	3.71	28.02	29.48	28.99	29.69	0.002113	2.04	1.82	1.25	0.54
BV5480	1.2446*	Max WS	TR030_TP01H	6.74	28.02	31.22	29.46	31.68	0.005711	2.99	2.25		0.53
BV5480	1.2352*	Max WS	TR200_TP01H	7.00	28.00	30.87	29.47	31.36	0.006152	3.10	2.25		0.59
BV5480	1.2352*	Max WS	TR200_TP03H	5.14	28.00	30.33	29.20	30.59	0.003319	2.28	2.25		0.48
BV5480	1.2352*	Max WS	TR200_TP06H	3.23	28.00	29.26	28.88	29.47	0.002291	2.06	1.57	1.25	0.59
BV5480	1.2352*	Max WS	TR030_TP06H	2.12	28.00	28.73	28.66	29.01	0.003893	2.32	0.91	1.25	0.87
BV5480	1.2352*	Max WS	TR030_TP03H	3.71	28.00	29.48	28.97	29.68	0.002047	2.01	1.85	1.25	0.53
BV5480	1.2352*	Max WS	TR030_TP01H	6.74	28.00	31.19	29.44	31.64	0.005696	2.99	2.25		0.53
BV5480	1.2258*	Max WS	TR200_TP01H	7.00	27.98	30.84	29.45	31.33	0.006150	3.10	2.26		0.59
BV5480	1.2258*	Max WS	TR200_TP03H	5.14	27.98	30.32	29.18	30.58	0.003318	2.28	2.26		0.48
BV5480	1.2258*	Max WS	TR200_TP06H	3.23	27.98	29.26	28.86	29.47	0.002205	2.02	1.59	1.25	0.57
BV5480	1.2258*	Max WS	TR030_TP06H	2.12	27.98	28.74	28.65	28.99	0.003535	2.24	0.95	1.25	0.82
BV5480	1.2258*	Max WS	TR030_TP03H	3.71	27.98	29.48	28.95	29.68	0.001988	1.99	1.87	1.25	0.52
BV5480	1.2258*	Max WS	TR030_TP01H	6.74	27.98	31.16	29.42	31.61	0.005694	2.99	2.26		0.54
BV5480	1.2164*	Max WS	TR200_TP01H	7.00	27.96	30.80	29.44	31.30	0.006152	3.10	2.25		0.59
BV5480	1.2164*	Max WS	TR200_TP03H	5.14	27.96	30.31	29.16	30.57	0.003319	2.28	2.25		0.48
BV5480	1.2164*	Max WS	TR200_TP06H	3.23	27.96	29.26	28.84	29.46	0.002131	2.00	1.62	1.25	0.56
BV5480	1.2164*	Max WS	TR030_TP06H	2.12	27.96	28.74	28.63	28.98	0.003252	2.17	0.98	1.25	0.78
BV5480	1.2164*	Max WS	TR030_TP03H	3.72	27.96	29.47	28.93	29.67	0.001941	1.97	1.89	1.25	0.51
BV5480	1.2164*	Max WS	TR030_TP01H	6.74	27.96	31.12	29.40	31.58	0.005696	2.99	2.25		0.54
BV5480	1.2069*	Max WS	TR200_TP01H	7.00	27.94	30.77	29.42	31.26	0.006152	3.10	2.25		0.59
BV5480	1.2069*	Max WS	TR200_TP03H	5.14	27.94	30.30	29.14	30.56	0.003319	2.28	2.25		0.47
BV5480	1.2069*	Max WS	TR200_TP06H	3.23	27.94	29.26	28.82	29.45	0.002059	1.97	1.64	1.25	0.55
BV5480	1.2069*	Max WS	TR030_TP06H	2.12	27.94	28.75	28.61	28.97	0.003019	2.11	1.01	1.25	0.75
BV5480	1.2069*	Max WS	TR030_TP03H	3.70	27.94	29.47	28.91	29.66	0.001874	1.94	1.91	1.25	0.50
BV5480	1.2069*	Max WS	TR030_TP01H	6.74	27.94	31.09	29.38	31.54	0.005696	2.99	2.25		0.54
BV5480	1.1975*	Max WS	TR200_TP01H	7.00	27.92	30.74	29.40	31.23	0.006134	3.10	2.26		0.59
BV5480	1.1975*	Max WS	TR200_TP03H	5.14	27.92	30.29	29.12	30.55	0.003309	2.28	2.26		0.47
BV5480	1.1975*	Max WS	TR200_TP06H	3.23	27.92	29.26	28.80	29.45	0.001984	1.94	1.67	1.25	0.54
BV5480	1.1975*	Max WS	TR030_TP06H	2.12	27.92	28.75	28.59	28.97	0.002792	2.04	1.04	1.25	0.72
BV5480	1.1975*	Max WS	TR030_TP03H	3.70	27.92	29.47	28.89	29.66	0.001819	1.91	1.94	1.25	0.49
BV5480	1.1975*	Max WS	TR030_TP01H	6.74	27.92	31.05	29.36	31.51	0.005679	2.98	2.26		0.54
BV5480	1.1881*	Max WS	TR200_TP01H	7.00	27.90	30.71	29.38	31.20	0.006133	3.10	2.26		0.59
BV5480	1.1881*	Max WS	TR200_TP03H	5.14	27.90	30.28	29.10	30.54	0.003309	2.28	2.26		0.47
BV5480	1.1881*	Max WS	TR200_TP06H	3.23	27.90	29.25	28.78	29.44	0.001921	1.91	1.69	1.25	0.53
BV5480	1.1881*	Max WS	TR030_TP06H	2.12	27.90	28.76	28.57	28.96	0.002616	1.99	1.06	1.25	0.69
BV5480	1.1881*	Max WS	TR030_TP03H	3.70	27.90	29.47	28.87	29.65	0.001770	1.89	1.96	1.25	0.48
BV5480	1.1881*	Max WS	TR030_TP01H	6.74	27.90	31.02	29.34	31.47	0.005679	2.98	2.26		0.54
BV5480	1.1787*	Max WS	TR200_TP01H	7.00	27.88	30.68	29.36	31.17	0.006133	3.10	2.26		0.59
BV5480	1.1787*	Max WS	TR200_TP03H	5.14	27.88	30.27	29.08	30.53	0.003309	2.28	2.26		0.47

HEC-RAS River: BV5480 Reach: BV5480 Profile: Max WS (Continued)

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
BV5480	1.1787*	Max WS	TR200_TP06H	3.23	27.88	29.25	28.76	29.44	0.001857	1.89	1.71	1.25	0.51
BV5480	1.1787*	Max WS	TR030_TP06H	2.12	27.88	28.76	28.55	28.95	0.002453	1.94	1.09	1.25	0.66
BV5480	1.1787*	Max WS	TR030_TP03H	3.70	27.88	29.47	28.85	29.65	0.001723	1.87	1.98	1.25	0.47
BV5480	1.1787*	Max WS	TR030_TP01H	6.74	27.88	30.99	29.32	31.44	0.005678	2.98	2.26		0.54
BV5480	1.1692*	Max WS	TR200_TP01H	7.00	27.87	30.65	29.34	31.14	0.006133	3.10	2.26		0.59
BV5480	1.1692*	Max WS	TR200_TP03H	5.14	27.87	30.26	29.07	30.52	0.003309	2.28	2.26		0.47
BV5480	1.1692*	Max WS	TR200_TP06H	3.23	27.87	29.25	28.74	29.43	0.001798	1.86	1.73	1.25	0.50
BV5480	1.1692*	Max WS	TR030_TP06H	2.12	27.87	28.76	28.53	28.94	0.002312	1.90	1.12	1.25	0.64
BV5480	1.1692*	Max WS	TR030_TP03H	3.70	27.87	29.47	28.83	29.64	0.001678	1.85	2.00	1.25	0.47
BV5480	1.1692*	Max WS	TR030_TP01H	6.74	27.87	30.95	29.30	31.40	0.005678	2.98	2.26		0.54
BV5480	1.1598*	Max WS	TR200_TP01H	7.00	27.85	30.62	29.32	31.11	0.006115	3.10	2.26		0.59
BV5480	1.1598*	Max WS	TR200_TP03H	5.14	27.85	30.25	29.05	30.51	0.003299	2.28	2.26		0.47
BV5480	1.1598*	Max WS	TR200_TP06H	3.23	27.85	29.25	28.73	29.42	0.001738	1.83	1.76	1.25	0.49
BV5480	1.1598*	Max WS	TR030_TP06H	2.12	27.85	28.76	28.51	28.94	0.002171	1.85	1.14	1.25	0.62
BV5480	1.1598*	Max WS	TR030_TP03H	3.72	27.85	29.47	28.81	29.64	0.001645	1.83	2.03	1.25	0.46
BV5480	1.1598*	Max WS	TR030_TP01H	6.74	27.85	30.92	29.28	31.37	0.005661	2.98	2.26		0.54
BV5480	1.1504*	Max WS	TR200_TP01H	7.00	27.83	30.59	29.30	31.08	0.006115	3.10	2.26		0.60
BV5480	1.1504*	Max WS	TR200_TP03H	5.14	27.83	30.24	29.03	30.50	0.003299	2.28	2.26		0.47
BV5480	1.1504*	Max WS	TR200_TP06H	3.23	27.83	29.25	28.71	29.42	0.001688	1.81	1.78	1.25	0.48
BV5480	1.1504*	Max WS	TR030_TP06H	2.12	27.83	28.76	28.49	28.93	0.002057	1.81	1.17	1.25	0.60
BV5480	1.1504*	Max WS	TR030_TP03H	3.72	27.83	29.47	28.79	29.63	0.001602	1.81	2.05	1.25	0.45
BV5480	1.1504*	Max WS	TR030_TP01H	6.74	27.83	30.88	29.26	31.34	0.005661	2.98	2.26		0.54
BV5480	1.1410*	Max WS	TR200_TP01H	7.00	27.81	30.56	29.28	31.05	0.006117	3.10	2.26		0.60
BV5480	1.1410*	Max WS	TR200_TP03H	5.14	27.81	30.23	29.01	30.49	0.003301	2.28	2.26		0.47
BV5480	1.1410*	Max WS	TR200_TP06H	3.23	27.81	29.25	28.69	29.41	0.001637	1.79	1.80	1.25	0.48
BV5480	1.1410*	Max WS	TR030_TP06H	2.12	27.81	28.76	28.47	28.92	0.001950	1.78	1.19	1.25	0.58
BV5480	1.1410*	Max WS	TR030_TP03H	3.71	27.81	29.46	28.77	29.63	0.001560	1.79	2.07	1.25	0.45
BV5480	1.1410*	Max WS	TR030_TP01H	6.74	27.81	30.85	29.24	31.30	0.005663	2.98	2.26		0.55
BV5480	1.1315*	Max WS	TR200_TP01H	7.00	27.79	30.53	29.26	31.02	0.006115	3.10	2.26		0.60
BV5480	1.1315*	Max WS	TR200_TP03H	5.14	27.79	30.22	28.99	30.48	0.003299	2.28	2.26		0.47
BV5480	1.1315*	Max WS	TR200_TP06H	3.23	27.79	29.25	28.67	29.41	0.001588	1.77	1.83	1.25	0.47
BV5480	1.1315*	Max WS	TR030_TP06H	2.12	27.79	28.76	28.45	28.92	0.001850	1.74	1.22	1.25	0.56
BV5480	1.1315*	Max WS	TR030_TP03H	3.71	27.79	29.46	28.75	29.62	0.001520	1.77	2.09	1.25	0.44
BV5480	1.1315*	Max WS	TR030_TP01H	6.74	27.79	30.82	29.23	31.27	0.005661	2.98	2.26		0.55
BV5480	1.1221*	Max WS	TR200_TP01H	7.00	27.77	30.49	29.24	30.98	0.006115	3.10	2.26		0.60
BV5480	1.1221*	Max WS	TR200_TP03H	5.14	27.77	30.21	28.97	30.48	0.003299	2.28	2.26		0.47
BV5480	1.1221*	Max WS	TR200_TP06H	3.23	27.77	29.25	28.65	29.41	0.001542	1.75	1.85	1.25	0.46
BV5480	1.1221*	Max WS	TR030_TP06H	2.12	27.77	28.76	28.43	28.91	0.001760	1.70	1.24	1.25	0.55
BV5480	1.1221*	Max WS	TR030_TP03H	3.71	27.77	29.46	28.74	29.62	0.001482	1.76	2.11	1.25	0.43
BV5480	1.1221*	Max WS	TR030_TP01H	6.74	27.77	30.78	29.21	31.23	0.005661	2.98	2.26		0.55
BV5480	1.1127*	Max WS	TR200_TP01H	5.09	27.75	30.48	28.94	30.73	0.003228	2.25	2.26		0.44
BV5480	1.1127*	Max WS	TR200_TP03H	5.14	27.75	30.20	28.95	30.47	0.003289	2.27	2.26		0.46
BV5480	1.1127*	Max WS	TR200_TP06H	3.23	27.75	29.25	28.63	29.40	0.001494	1.72	1.87	1.25	0.45
BV5480	1.1127*	Max WS	TR030_TP06H	2.12	27.75	28.77	28.41	28.91	0.001670	1.67	1.27	1.25	0.53
BV5480	1.1127*	Max WS	TR030_TP03H	3.71	27.75	29.46	28.71	29.61	0.001444	1.74	2.14	1.25	0.42
BV5480	1.1127*	Max WS	TR030_TP01H	6.74	27.75	30.75	29.19	31.20	0.005644	2.98	2.26		0.55
BV5480	1.1033*	Max WS	TR200_TP01H	5.09	27.73	30.47	28.92	30.73	0.003230	2.25	2.26		0.43
BV5480	1.1033*	Max WS	TR200_TP03H	5.14	27.73	30.19	28.93	30.46	0.003291	2.27	2.26		0.46
BV5480	1.1033*	Max WS	TR200_TP06H	3.23	27.73	29.25	28.61	29.40	0.001452	1.70	1.90	1.25	0.44
BV5480	1.1033*	Max WS	TR030_TP06H	2.12	27.73	28.77	28.40	28.90	0.001593	1.64	1.29	1.25	0.51
BV5480	1.1033*	Max WS	TR030_TP03H	3.71	27.73	29.46	28.70	29.61	0.001411	1.72	2.16	1.25	0.42
BV5480	1.1033*	Max WS	TR030_TP01H	6.74	27.73	30.71	29.17	31.17	0.005646	2.98	2.26		0.55
BV5480	1.0938*	Max WS	TR200_TP01H	5.09	27.71	30.46	28.90	30.72	0.003230	2.25	2.26		0.43
BV5480	1.0938*	Max WS	TR200_TP03H	5.14	27.71	30.18	28.91	30.45	0.003291	2.27	2.26		0.46
BV5480	1.0938*	Max WS	TR200_TP06H	3.23	27.71	29.25	28.59	29.39	0.001411	1.68	1.92	1.25	0.43
BV5480	1.0938*	Max WS	TR030_TP06H	2.12	27.71	28.77	28.38	28.90	0.001522	1.61	1.32	1.25	0.50
BV5480	1.0938*	Max WS	TR030_TP03H	3.71	27.71	29.45	28.68	29.60	0.001381	1.70	2.18	1.25	0.41
BV5480	1.0938*	Max WS	TR030_TP01H	6.74	27.71	30.68	29.15	31.13	0.005646	2.98	2.26		0.55
BV5480	1.0844*	Max WS	TR200_TP01H	5.09	27.69	30.45	28.89	30.71	0.003228	2.25	2.26		0.43
BV5480	1.0844*	Max WS	TR200_TP03H	5.14	27.69	30.17	28.89	30.44	0.003289	2.27	2.26		0.46
BV5480	1.0844*	Max WS	TR200_TP06H	3.23	27.69	29.25	28.57	29.39	0.001372	1.66	1.94	1.25	0.43
BV5480	1.0844*	Max WS	TR030_TP06H	2.12	27.69	28.77	28.36	28.89	0.001454	1.58	1.34	1.25	0.49
BV5480	1.0844*	Max WS	TR030_TP03H	3.71	27.69	29.45	28.66	29.60	0.001349	1.69	2.20	1.25	0.41
BV5480	1.0844*	Max WS	TR030_TP01H	6.74	27.69	30.65	29.13	31.10	0.005644	2.98	2.26		0.55
BV5480	1.0750*	Max WS	TR200_TP01H	5.09	27.67	30.44	28.86	30.70	0.003220	2.25	2.27		0.43
BV5480	1.0750*	Max WS	TR200_TP03H	5.14	27.67	30.16	28.87	30.43	0.003281	2.27	2.27		0.46
BV5480	1.0750*	Max WS	TR200_TP06H	3.22	27.67	29.25	28.55	29.38	0.001329	1.64	1.97	1.25	0.42
BV5480	1.0750*	Max WS	TR030_TP06H	2.12	27.67	28.77	28.34	28.89	0.001388	1.55	1.37	1.25	0.47
BV5480	1.0750*	Max WS	TR030_TP03H	3.71	27.67	29.45	28.64	29.59	0.001318	1.67	2.22	1.25	0.40
BV5480	1.0750*	Max WS	TR030_TP01H	6.74	27.67	30.61	29.11	31.06	0.005629	2.97	2.27		0.55
BV5480	1.0656*	Max WS	TR200_TP01H	5.09	27.65	30.43	28.85	30.69	0.003220	2.25	2.27		0.43
BV5480	1.0656*	Max WS	TR200_TP03H	5.14	27.65	30.15	28.85	30.42	0.003281	2.27	2.27		0.46
BV5480	1.0656*	Max WS	TR200_TP06H	3.22	27.65	29.25	28.53	29.38	0.001293	1.62	1.99	1.25	0.41
BV5480	1.0656*	Max WS	TR030_TP06H	2.12	27.65	28.77	28.32	28.89	0.001328	1.52	1.39	1.25	0.46
BV5480	1.0656*	Max WS	TR030_TP03H	3.71	27.65	29.45	28.62	29.59	0.001289	1.65	2.24	1.25	0.39
BV5480	1.0656*	Max WS	TR030_TP01H	6.74	27.65	30.58	29.09	31.03	0.005629	2.97	2.27		0.56
BV5480	1.0561*	Max WS	TR200_TP01H	5.09	27.64	30.42	28.82	30.68	0.003220	2.25	2.27		0.43
BV5480	1.0561*	Max WS	TR200_TP03H	5.14	27.64	30.14	28.83	30.41	0.003281	2.27	2.27		0.46
BV5480	1.0561*	Max WS	TR200_TP06H	3.22	27.64	29.24	28.51	29.38	0.001259	1.60	2.01	1.25	0.40
BV5480	1.0561*	Max WS	TR030_TP06H	2.12	27.64	28.77	28.30	28.88	0.001274	1.50	1.42	1.25	0.45
BV5480	1.0561*	Max WS	TR030_TP03H	3.71	27.64	29.45	28.60	29.58	0.001263	1.64	2.26	1.25	0.39
BV5480	1.0561*	Max WS	TR030_TP01H	6.74	27.64	30.55	29.07	31.00	0.005629	2.97	2.27		0.56
BV5480	1.0467*	Max WS	TR200_TP01H	5.09	27.62	30.41	28.81	30.67	0.003220	2.25	2.27		0.43
BV5480	1.0467*	Max WS	TR200_TP03H	5.14	27.62	30.13	28.82	30.40	0.003281	2.27	2.27		0.46

HEC-RAS River: BV5480 Reach: BV5480 Profile: Max WS (Continued)

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
BV5480	1.0467*	Max WS	TR200_TP06H	3.22	27.62	29.24	28.50	29.37	0.001226	1.59	2.03	1.25	0.40
BV5480	1.0467*	Max WS	TR030_TP06H	2.12	27.62	28.77	28.28	28.88	0.001223	1.47	1.44	1.25	0.44
BV5480	1.0467*	Max WS	TR030_TP03H	3.71	27.62	29.44	28.58	29.58	0.001708	1.64	2.27		0.39
BV5480	1.0467*	Max WS	TR030_TP01H	6.74	27.62	30.51	29.05	30.96	0.005629	2.97	2.27		0.56
BV5480	1.0373*	Max WS	TR200_TP01H	5.09	27.60	30.40	28.79	30.66	0.003210	2.25	2.27		0.43
BV5480	1.0373*	Max WS	TR200_TP03H	5.14	27.60	30.12	28.80	30.39	0.003271	2.27	2.27		0.46
BV5480	1.0373*	Max WS	TR200_TP06H	3.23	27.60	29.24	28.47	29.37	0.001193	1.57	2.06	1.25	0.39
BV5480	1.0373*	Max WS	TR030_TP06H	2.12	27.60	28.77	28.26	28.87	0.001172	1.45	1.46	1.25	0.43
BV5480	1.0373*	Max WS	TR030_TP03H	3.71	27.60	29.44	28.56	29.57	0.001703	1.64	2.27		0.39
BV5480	1.0373*	Max WS	TR030_TP01H	6.74	27.60	30.48	29.03	30.93	0.005612	2.97	2.27		0.56
BV5480	1.0278*	Max WS	TR200_TP01H	5.09	27.58	30.39	28.77	30.65	0.003212	2.25	2.27		0.43
BV5480	1.0278*	Max WS	TR200_TP03H	5.14	27.58	30.11	28.78	30.38	0.003272	2.27	2.27		0.45
BV5480	1.0278*	Max WS	TR200_TP06H	3.23	27.58	29.24	28.46	29.36	0.001163	1.55	2.08	1.25	0.38
BV5480	1.0278*	Max WS	TR030_TP06H	2.12	27.58	28.77	28.24	28.87	0.001126	1.42	1.49	1.25	0.42
BV5480	1.0278*	Max WS	TR030_TP03H	3.71	27.58	29.43	28.54	29.57	0.001704	1.64	2.27		0.38
BV5480	1.0278*	Max WS	TR030_TP01H	6.74	27.58	30.44	29.01	30.89	0.005614	2.97	2.27		0.56
BV5480	1.0184*	Max WS	TR200_TP01H	5.09	27.56	30.38	28.75	30.64	0.003210	2.25	2.27		0.43
BV5480	1.0184*	Max WS	TR200_TP03H	5.14	27.56	30.10	28.75	30.37	0.003271	2.27	2.27		0.45
BV5480	1.0184*	Max WS	TR200_TP06H	3.23	27.56	29.24	28.44	29.36	0.001133	1.53	2.10	1.25	0.38
BV5480	1.0184*	Max WS	TR030_TP06H	2.12	27.56	28.77	28.22	28.87	0.001083	1.40	1.51	1.25	0.41
BV5480	1.0184*	Max WS	TR030_TP03H	3.71	27.56	29.43	28.52	29.56	0.001703	1.64	2.27		0.38
BV5480	1.0184*	Max WS	TR030_TP01H	6.74	27.56	30.41	28.99	30.86	0.005612	2.97	2.27		0.56
BV5480	1.0090*	Max WS	TR200_TP01H	5.09	27.54	30.37	28.73	30.63	0.003212	2.25	2.27		0.43
BV5480	1.0090*	Max WS	TR200_TP03H	5.14	27.54	30.10	28.74	30.36	0.003272	2.27	2.27		0.45
BV5480	1.0090*	Max WS	TR200_TP06H	3.23	27.54	29.24	28.42	29.36	0.001106	1.52	2.13	1.25	0.37
BV5480	1.0090*	Max WS	TR030_TP06H	2.12	27.54	28.77	28.20	28.86	0.001043	1.38	1.53	1.25	0.40
BV5480	1.0090*	Max WS	TR030_TP03H	3.71	27.54	29.42	28.50	29.56	0.001704	1.64	2.27		0.38
BV5480	1.0090*	Max WS	TR030_TP01H	6.74	27.54	30.38	28.97	30.83	0.005614	2.97	2.27		0.56
BV5480	0.9996*	Max WS	TR200_TP01H	5.09	27.52	30.36	28.71	30.62	0.003202	2.24	2.27		0.42
BV5480	0.9996*	Max WS	TR200_TP03H	5.14	27.52	30.09	28.72	30.35	0.003262	2.27	2.27		0.45
BV5480	0.9996*	Max WS	TR200_TP06H	3.23	27.52	29.24	28.40	29.35	0.001078	1.50	2.15	1.25	0.37
BV5480	0.9996*	Max WS	TR030_TP06H	2.12	27.52	28.77	28.18	28.86	0.001002	1.36	1.56	1.25	0.39
BV5480	0.9996*	Max WS	TR030_TP03H	3.71	27.52	29.42	28.49	29.55	0.001699	1.63	2.27		0.38
BV5480	0.9996*	Max WS	TR030_TP01H	6.74	27.52	30.34	28.95	30.79	0.005597	2.97	2.27		0.56
BV5480	0.9901*	Max WS	TR200_TP01H	5.09	27.50	30.36	28.69	30.61	0.003202	2.24	2.27		0.42
BV5480	0.9901*	Max WS	TR200_TP03H	5.14	27.50	30.08	28.70	30.34	0.003262	2.27	2.27		0.45
BV5480	0.9901*	Max WS	TR200_TP06H	3.23	27.50	29.24	28.38	29.35	0.001052	1.49	2.17	1.25	0.36
BV5480	0.9901*	Max WS	TR030_TP06H	2.12	27.50	28.77	28.16	28.86	0.000966	1.34	1.58	1.25	0.38
BV5480	0.9901*	Max WS	TR030_TP03H	3.71	27.50	29.41	28.46	29.55	0.001699	1.63	2.27		0.38
BV5480	0.9901*	Max WS	TR030_TP01H	6.74	27.50	30.31	28.94	30.76	0.005597	2.97	2.27		0.57
BV5480	0.9807*	Max WS	TR200_TP01H	5.09	27.48	30.35	28.67	30.60	0.003202	2.24	2.27		0.42
BV5480	0.9807*	Max WS	TR200_TP03H	5.14	27.48	30.07	28.68	30.33	0.003262	2.27	2.27		0.45
BV5480	0.9807*	Max WS	TR200_TP06H	3.23	27.48	29.24	28.36	29.35	0.001028	1.47	2.19	1.25	0.35
BV5480	0.9807*	Max WS	TR030_TP06H	2.12	27.48	28.77	28.15	28.86	0.000933	1.32	1.61	1.25	0.37
BV5480	0.9807*	Max WS	TR030_TP03H	3.71	27.48	29.41	28.45	29.54	0.001699	1.63	2.27		0.38
BV5480	0.9807*	Max WS	TR030_TP01H	6.74	27.48	30.28	28.92	30.73	0.005597	2.97	2.27		0.57
BV5480	0.9713*	Max WS	TR200_TP01H	5.09	27.46	30.34	28.65	30.59	0.003202	2.24	2.27		0.42
BV5480	0.9713*	Max WS	TR200_TP03H	5.14	27.46	30.06	28.66	30.32	0.003262	2.27	2.27		0.45
BV5480	0.9713*	Max WS	TR200_TP06H	3.23	27.46	29.23	28.34	29.34	0.001004	1.46	2.21	1.25	0.35
BV5480	0.9713*	Max WS	TR030_TP06H	2.12	27.46	28.77	28.12	28.85	0.000900	1.30	1.63	1.25	0.36
BV5480	0.9713*	Max WS	TR030_TP03H	3.71	27.46	29.40	28.43	29.54	0.001699	1.63	2.27		0.37
BV5480	0.9713*	Max WS	TR030_TP01H	6.74	27.46	30.24	28.90	30.69	0.005597	2.97	2.27		0.57
BV5480	0.9619*	Max WS	TR200_TP01H	5.09	27.44	30.33	28.63	30.58	0.003202	2.24	2.27		0.42
BV5480	0.9619*	Max WS	TR200_TP03H	5.14	27.44	30.05	28.64	30.31	0.003262	2.27	2.27		0.45
BV5480	0.9619*	Max WS	TR200_TP06H	3.23	27.44	29.23	28.32	29.34	0.000982	1.44	2.24	1.25	0.34
BV5480	0.9619*	Max WS	TR030_TP06H	2.12	27.44	28.77	28.11	28.85	0.000869	1.28	1.65	1.25	0.36
BV5480	0.9619*	Max WS	TR030_TP03H	3.71	27.44	29.40	28.41	29.53	0.001699	1.63	2.27		0.37
BV5480	0.9619*	Max WS	TR030_TP01H	6.74	27.44	30.21	28.88	30.66	0.005597	2.97	2.27		0.57
BV5480	0.9524*	Max WS	TR200_TP01H	5.09	27.42	30.32	28.62	30.57	0.003193	2.24	2.27		0.42
BV5480	0.9524*	Max WS	TR200_TP03H	5.14	27.42	30.04	28.62	30.30	0.003252	2.26	2.27		0.45
BV5480	0.9524*	Max WS	TR200_TP06H	3.23	27.42	29.23	28.30	29.33	0.000958	1.43	2.26	1.25	0.34
BV5480	0.9524*	Max WS	TR030_TP06H	2.12	27.42	28.77	28.09	28.85	0.000838	1.26	1.68	1.25	0.35
BV5480	0.9524*	Max WS	TR030_TP03H	3.71	27.42	29.39	28.39	29.53	0.001694	1.63	2.27		0.37
BV5480	0.9524*	Max WS	TR030_TP01H	6.73	27.42	30.18	28.86	30.62	0.005580	2.96	2.27		0.57
BV5480	0.9430*	Max WS	TR200_TP01H	5.09	27.40	30.31	28.60	30.56	0.003193	2.24	2.27		0.42
BV5480	0.9430*	Max WS	TR200_TP03H	5.14	27.40	30.03	28.60	30.29	0.003252	2.26	2.27		0.45
BV5480	0.9430*	Max WS	TR200_TP06H	3.23	27.40	29.23	28.28	29.33	0.001280	1.42	2.27		0.34
BV5480	0.9430*	Max WS	TR030_TP06H	2.12	27.40	28.77	28.07	28.84	0.000810	1.24	1.70	1.25	0.34
BV5480	0.9430*	Max WS	TR030_TP03H	3.71	27.40	29.39	28.37	29.52	0.001694	1.63	2.27		0.37
BV5480	0.9430*	Max WS	TR030_TP01H	6.73	27.40	30.14	28.84	30.59	0.005580	2.96	2.27		0.57
BV5480	0.9336*	Max WS	TR200_TP01H	5.09	27.39	30.30	28.58	30.56	0.003194	2.24	2.27		0.42
BV5480	0.9336*	Max WS	TR200_TP03H	5.14	27.39	30.02	28.59	30.28	0.003253	2.26	2.27		0.45
BV5480	0.9336*	Max WS	TR200_TP06H	3.23	27.39	29.22	28.26	29.33	0.001281	1.42	2.27		0.33
BV5480	0.9336*	Max WS	TR030_TP06H	2.12	27.39	28.77	28.05	28.84	0.000784	1.23	1.73	1.25	0.33
BV5480	0.9336*	Max WS	TR030_TP03H	3.71	27.39	29.38	28.35	29.52	0.001694	1.63	2.27		0.37
BV5480	0.9336*	Max WS	TR030_TP01H	6.73	27.39	30.11	28.82	30.56	0.005583	2.96	2.27		0.57
BV5480	0.9242*	Max WS	TR200_TP01H	5.09	27.37	30.29	28.56	30.55	0.003193	2.24	2.27		0.42
BV5480	0.9242*	Max WS	TR200_TP03H	5.14	27.37	30.01	28.57	30.27	0.003252	2.26	2.27		0.44
BV5480	0.9242*	Max WS	TR200_TP06H	3.23	27.37	29.22	28.24	29.32	0.001280	1.42	2.27		0.33
BV5480	0.9242*	Max WS	TR030_TP06H	2.12	27.37	28.77	28.03	28.84	0.000759	1.21	1.75	1.25	0.33
BV5480	0.9242*	Max WS	TR030_TP03H	3.71	27.37	29.38	28.33	29.51	0.001694	1.63	2.27		0.37
BV5480	0.9242*	Max WS	TR030_TP01H	6.73	27.37	30.08	28.80	30.52	0.005580	2.96	2.27		0.57
BV5480	0.9147*	Max WS	TR200_TP01H	5.09	27.35	30.28	28.54	30.54	0.003184	2.24	2.27		0.42
BV5480	0.9147*	Max WS	TR200_TP03H	5.14	27.35	30.00	28.54	30.26	0.003243	2.26	2.27		0.44

HEC-RAS River: BV5480 Reach: BV5480 Profile: Max WS (Continued)

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
BV5480	0.9147*	Max WS	TR200_TP06H	3.23	27.35	29.22	28.23	29.32	0.001277	1.42	2.27		0.33
BV5480	0.9147*	Max WS	TR030_TP06H	2.12	27.35	28.76	28.01	28.84	0.000734	1.19	1.77	1.25	0.32
BV5480	0.9147*	Max WS	TR030_TP03H	3.71	27.35	29.37	28.31	29.51	0.001689	1.63	2.27		0.37
BV5480	0.9147*	Max WS	TR030_TP01H	6.73	27.35	30.04	28.78	30.49	0.005566	2.96	2.27		0.58
BV5480	0.9053*	Max WS	TR200_TP01H	5.09	27.33	30.27	28.52	30.53	0.003184	2.24	2.27		0.42
BV5480	0.9053*	Max WS	TR200_TP03H	5.14	27.33	29.99	28.53	30.25	0.003243	2.26	2.27		0.44
BV5480	0.9053*	Max WS	TR200_TP06H	3.23	27.33	29.21	28.21	29.31	0.001277	1.42	2.27		0.33
BV5480	0.9053*	Max WS	TR030_TP06H	2.12	27.33	28.76	27.99	28.84	0.000711	1.18	1.80	1.25	0.31
BV5480	0.9053*	Max WS	TR030_TP03H	3.71	27.33	29.37	28.29	29.50	0.001689	1.63	2.27		0.36
BV5480	0.9053*	Max WS	TR030_TP01H	6.73	27.33	30.01	28.77	30.46	0.005566	2.96	2.27		0.58
BV5480	0.8959*	Max WS	TR200_TP01H	5.09	27.31	30.26	28.50	30.52	0.003184	2.24	2.27		0.42
BV5480	0.8959*	Max WS	TR200_TP03H	5.14	27.31	29.98	28.51	30.24	0.003243	2.26	2.27		0.44
BV5480	0.8959*	Max WS	TR200_TP06H	3.23	27.31	29.21	28.19	29.31	0.001277	1.42	2.27		0.33
BV5480	0.8959*	Max WS	TR030_TP06H	2.12	27.31	28.76	27.97	28.83	0.000689	1.16	1.82	1.25	0.31
BV5480	0.8959*	Max WS	TR030_TP03H	3.71	27.31	29.36	28.27	29.50	0.001689	1.63	2.27		0.36
BV5480	0.8959*	Max WS	TR030_TP01H	6.73	27.31	29.98	28.74	30.42	0.005566	2.96	2.27		0.58
BV5480	0.8865*	Max WS	TR200_TP01H	5.09	27.29	30.25	28.48	30.51	0.003184	2.24	2.27		0.42
BV5480	0.8865*	Max WS	TR200_TP03H	5.14	27.29	29.97	28.49	30.23	0.003243	2.26	2.27		0.44
BV5480	0.8865*	Max WS	TR200_TP06H	3.23	27.29	29.20	28.17	29.31	0.001277	1.42	2.27		0.33
BV5480	0.8865*	Max WS	TR030_TP06H	2.12	27.29	28.76	27.95	28.83	0.000689	1.15	1.84	1.25	0.30
BV5480	0.8865*	Max WS	TR030_TP03H	3.71	27.29	29.36	28.26	29.49	0.001689	1.63	2.27		0.36
BV5480	0.8865*	Max WS	TR030_TP01H	6.73	27.29	29.94	28.72	30.39	0.005566	2.96	2.27		0.58
BV5480	0.8770*	Max WS	TR200_TP01H	5.09	27.27	30.24	28.46	30.50	0.003175	2.24	2.28		0.41
BV5480	0.8770*	Max WS	TR200_TP03H	5.14	27.27	29.96	28.47	30.22	0.003233	2.26	2.28		0.44
BV5480	0.8770*	Max WS	TR200_TP06H	3.23	27.27	29.20	28.15	29.30	0.001273	1.42	2.28		0.33
BV5480	0.8770*	Max WS	TR030_TP06H	2.12	27.27	28.76	27.93	28.83	0.000647	1.13	1.87	1.25	0.30
BV5480	0.8770*	Max WS	TR030_TP03H	3.71	27.27	29.35	28.23	29.49	0.001684	1.63	2.28		0.36
BV5480	0.8770*	Max WS	TR030_TP01H	6.73	27.27	29.91	28.70	30.36	0.005549	2.96	2.28		0.58
BV5480	0.8676*	Max WS	TR200_TP01H	5.09	27.25	30.23	28.44	30.49	0.003175	2.24	2.28		0.41
BV5480	0.8676*	Max WS	TR200_TP03H	5.14	27.25	29.95	28.45	30.21	0.003233	2.26	2.28		0.44
BV5480	0.8676*	Max WS	TR200_TP06H	3.23	27.25	29.20	28.13	29.30	0.001273	1.42	2.28		0.32
BV5480	0.8676*	Max WS	TR030_TP06H	2.12	27.25	28.76	27.91	28.83	0.000628	1.12	1.89	1.25	0.29
BV5480	0.8676*	Max WS	TR030_TP03H	3.71	27.25	29.35	28.21	29.48	0.001684	1.63	2.28		0.36
BV5480	0.8676*	Max WS	TR030_TP01H	6.73	27.25	29.88	28.69	30.32	0.005549	2.96	2.28		0.58
BV5480	0.8582*	Max WS	TR200_TP01H	5.09	27.23	30.23	28.42	30.48	0.003176	2.24	2.28		0.41
BV5480	0.8582*	Max WS	TR200_TP03H	5.14	27.23	29.94	28.43	30.20	0.003234	2.26	2.28		0.44
BV5480	0.8582*	Max WS	TR200_TP06H	3.23	27.23	29.19	28.11	29.30	0.001274	1.42	2.28		0.32
BV5480	0.8582*	Max WS	TR030_TP06H	2.12	27.23	28.76	27.90	28.83	0.000610	1.11	1.92	1.25	0.29
BV5480	0.8582*	Max WS	TR030_TP03H	3.71	27.23	29.34	28.20	29.48	0.001685	1.63	2.28		0.36
BV5480	0.8582*	Max WS	TR030_TP01H	6.73	27.23	29.84	28.67	30.29	0.005551	2.96	2.28		0.58
BV5480	0.8488*	Max WS	TR200_TP01H	5.09	27.21	30.22	28.40	30.47	0.003175	2.24	2.28		0.41
BV5480	0.8488*	Max WS	TR200_TP03H	5.14	27.21	29.93	28.41	30.19	0.003232	2.26	2.28		0.44
BV5480	0.8488*	Max WS	TR200_TP06H	3.23	27.21	29.19	28.09	29.29	0.001273	1.42	2.28		0.32
BV5480	0.8488*	Max WS	TR030_TP06H	2.12	27.21	28.76	27.88	28.82	0.000593	1.09	1.94	1.25	0.28
BV5480	0.8488*	Max WS	TR030_TP03H	3.71	27.21	29.34	28.18	29.47	0.001684	1.63	2.28		0.36
BV5480	0.8488*	Max WS	TR030_TP01H	6.73	27.21	29.81	28.65	30.26	0.005549	2.96	2.28		0.59
BV5480	0.8393*	Max WS	TR200_TP01H	5.09	27.19	30.21	28.38	30.46	0.003167	2.23	2.28		0.41
BV5480	0.8393*	Max WS	TR200_TP03H	5.14	27.19	29.92	28.39	30.18	0.003222	2.25	2.28		0.44
BV5480	0.8393*	Max WS	TR200_TP06H	3.23	27.19	29.19	28.07	29.29	0.001270	1.41	2.28		0.32
BV5480	0.8393*	Max WS	TR030_TP06H	2.12	27.19	28.76	27.86	28.82	0.000575	1.08	1.96	1.25	0.27
BV5480	0.8393*	Max WS	TR030_TP03H	3.71	27.19	29.33	28.16	29.47	0.001680	1.63	2.28		0.36
BV5480	0.8393*	Max WS	TR030_TP01H	6.73	27.19	29.78	28.63	30.22	0.005535	2.95	2.28		0.59
BV5480	0.8299*	Max WS	TR200_TP01H	5.09	27.17	30.20	28.37	30.45	0.003166	2.23	2.28		0.41
BV5480	0.8299*	Max WS	TR200_TP03H	5.14	27.17	29.91	28.37	30.17	0.003220	2.25	2.28		0.43
BV5480	0.8299*	Max WS	TR200_TP06H	3.23	27.17	29.18	28.05	29.28	0.001269	1.41	2.28		0.32
BV5480	0.8299*	Max WS	TR030_TP06H	2.12	27.17	28.76	27.84	28.82	0.000559	1.07	1.99	1.25	0.27
BV5480	0.8299*	Max WS	TR030_TP03H	3.71	27.17	29.33	28.14	29.46	0.001679	1.63	2.28		0.35
BV5480	0.8299*	Max WS	TR030_TP01H	6.73	27.17	29.74	28.61	30.19	0.005532	2.95	2.28		0.59
BV5480	0.8205*	Max WS	TR200_TP01H	5.09	27.15	30.19	28.35	30.44	0.003167	2.23	2.28		0.41
BV5480	0.8205*	Max WS	TR200_TP03H	5.14	27.15	29.90	28.35	30.16	0.003222	2.25	2.28		0.43
BV5480	0.8205*	Max WS	TR200_TP06H	3.23	27.15	29.18	28.03	29.28	0.001270	1.41	2.28		0.32
BV5480	0.8205*	Max WS	TR030_TP06H	2.12	27.15	28.76	27.82	28.82	0.000544	1.05	2.01	1.25	0.27
BV5480	0.8205*	Max WS	TR030_TP03H	3.71	27.15	29.32	28.12	29.46	0.001680	1.63	2.28		0.35
BV5480	0.8205*	Max WS	TR030_TP01H	6.73	27.15	29.71	28.59	30.15	0.005535	2.95	2.28		0.59
BV5480	0.8111*	Max WS	TR200_TP01H	5.09	27.14	30.18	28.33	30.43	0.003167	2.23	2.28		0.41
BV5480	0.8111*	Max WS	TR200_TP03H	5.14	27.14	29.89	28.33	30.15	0.003221	2.25	2.28		0.43
BV5480	0.8111*	Max WS	TR200_TP06H	3.23	27.14	29.17	28.01	29.28	0.001270	1.41	2.28		0.32
BV5480	0.8111*	Max WS	TR030_TP06H	2.12	27.14	28.76	27.80	28.82	0.000530	1.04	2.03	1.25	0.26
BV5480	0.8111*	Max WS	TR030_TP03H	3.71	27.14	29.32	28.10	29.45	0.001680	1.63	2.28		0.35
BV5480	0.8111*	Max WS	TR030_TP01H	5.28	27.14	29.70	28.36	29.97	0.003396	2.31	2.28		0.46
BV5480	0.8016*	Max WS	TR200_TP01H	5.09	27.12	30.17	28.31	30.42	0.003166	2.23	2.28		0.41
BV5480	0.8016*	Max WS	TR200_TP03H	5.14	27.12	29.88	28.31	30.14	0.003219	2.25	2.28		0.43
BV5480	0.8016*	Max WS	TR200_TP06H	3.23	27.12	29.17	27.99	29.27	0.001269	1.41	2.28		0.32
BV5480	0.8016*	Max WS	TR030_TP06H	2.12	27.12	28.76	27.78	28.82	0.000515	1.03	2.06	1.25	0.26
BV5480	0.8016*	Max WS	TR030_TP03H	3.71	27.12	29.31	28.08	29.45	0.001679	1.63	2.28		0.35
BV5480	0.8016*	Max WS	TR030_TP01H	5.27	27.12	29.69	28.33	29.96	0.003387	2.31	2.28		0.46
BV5480	0.7922*	Max WS	TR200_TP01H	5.09	27.10	30.16	28.29	30.42	0.003159	2.23	2.28		0.41
BV5480	0.7922*	Max WS	TR200_TP03H	5.14	27.10	29.88	28.30	30.13	0.003212	2.25	2.28		0.43
BV5480	0.7922*	Max WS	TR200_TP06H	3.23	27.10	29.17	27.97	29.27	0.001267	1.41	2.28		0.31
BV5480	0.7922*	Max WS	TR030_TP06H	2.12	27.10	28.76	27.76	28.81	0.000501	1.02	2.08	1.25	0.25
BV5480	0.7922*	Max WS	TR030_TP03H	3.71	27.10	29.31	28.06	29.44	0.001676	1.63	2.28		0.35
BV5480	0.7922*	Max WS	TR030_TP01H	5.27	27.10	29.68	28.31	29.95	0.003376	2.31	2.28		0.46
BV5480	0.7828*	Max WS	TR200_TP01H	5.09	27.08	30.15	28.27	30.41	0.003158	2.23	2.28		0.41
BV5480	0.7828*	Max WS	TR200_TP03H	5.14	27.08	29.87	28.28	30.12	0.003210	2.25	2.28		0.43

HEC-RAS River: BV5480 Reach: BV5480 Profile: Max WS (Continued)

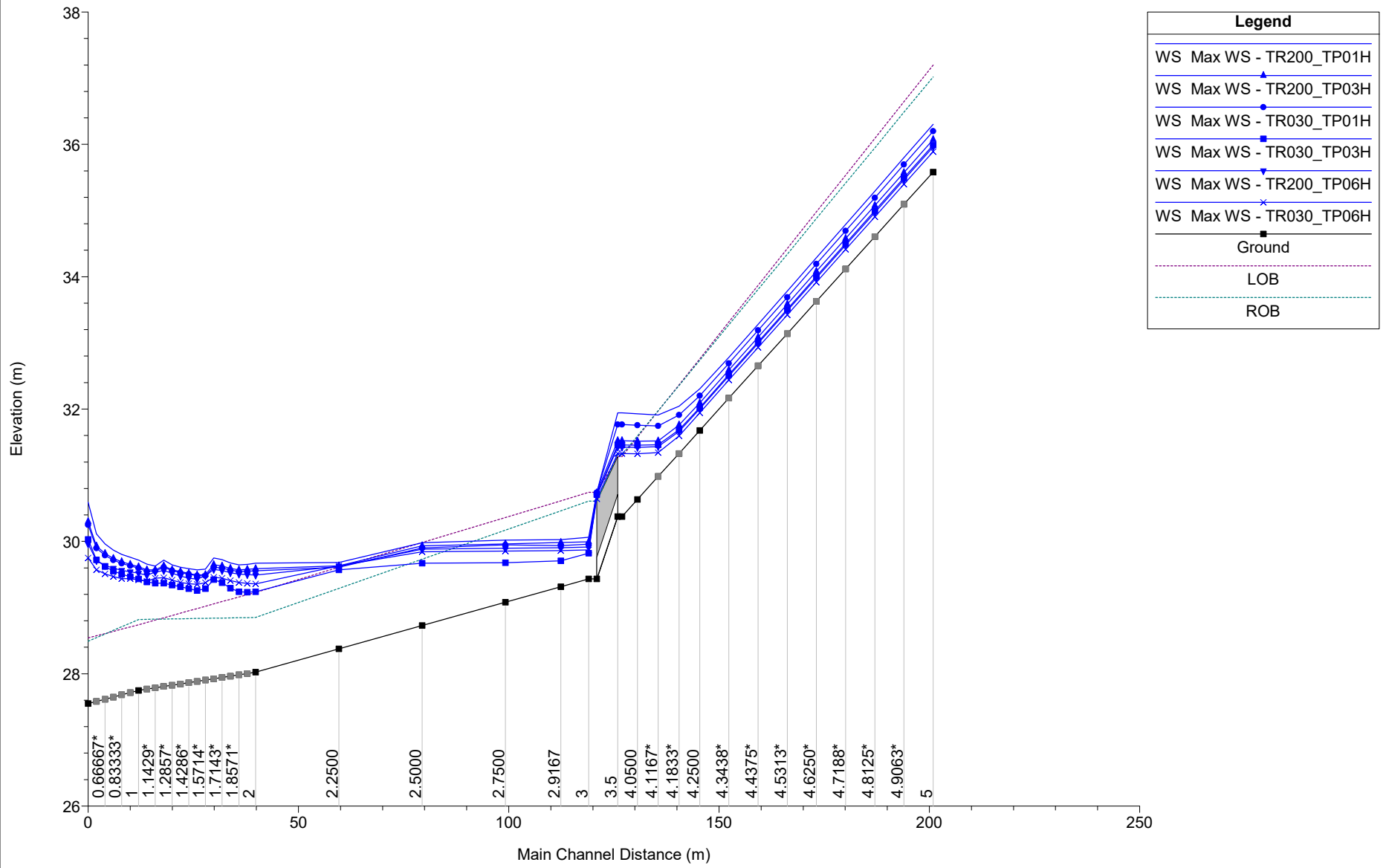
Reach	River Sta	Profile	Plan	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
BV5480	0.7828*	Max WS	TR200_TP06H	3.23	27.08	29.16	27.96	29.26	0.001266	1.41	2.28		0.31
BV5480	0.7828*	Max WS	TR030_TP06H	2.12	27.08	28.76	27.74	28.81	0.000488	1.01	2.10	1.25	0.25
BV5480	0.7828*	Max WS	TR030_TP03H	3.71	27.08	29.30	28.04	29.44	0.001675	1.63	2.28		0.35
BV5480	0.7828*	Max WS	TR030_TP01H	5.26	27.08	29.67	28.30	29.94	0.003371	2.31	2.28		0.46
BV5480	0.7734*	Max WS	TR200_TP01H	5.09	27.06	30.14	28.25	30.40	0.003158	2.23	2.28		0.41
BV5480	0.7734*	Max WS	TR200_TP03H	5.14	27.06	29.86	28.26	30.11	0.003210	2.25	2.28		0.43
BV5480	0.7734*	Max WS	TR200_TP06H	3.23	27.06	29.16	27.94	29.26	0.001266	1.41	2.28		0.31
BV5480	0.7734*	Max WS	TR030_TP06H	2.12	27.06	28.76	27.72	28.81	0.000476	1.00	2.13	1.25	0.24
BV5480	0.7734*	Max WS	TR030_TP03H	3.71	27.06	29.30	28.02	29.43	0.001675	1.63	2.28		0.35
BV5480	0.7734*	Max WS	TR030_TP01H	5.26	27.06	29.66	28.27	29.93	0.003360	2.30	2.28		0.46
BV5480	0.7639*	Max WS	TR200_TP01H	5.09	27.04	30.13	28.23	30.39	0.003159	2.23	2.28		0.41
BV5480	0.7639*	Max WS	TR200_TP03H	5.14	27.04	29.85	28.24	30.11	0.003211	2.25	2.28		0.43
BV5480	0.7639*	Max WS	TR200_TP06H	3.23	27.04	29.16	27.92	29.26	0.001267	1.41	2.28		0.31
BV5480	0.7639*	Max WS	TR030_TP06H	2.12	27.04	28.76	27.70	28.81	0.000464	0.99	2.15	1.25	0.24
BV5480	0.7639*	Max WS	TR030_TP03H	3.71	27.04	29.29	28.00	29.43	0.001676	1.63	2.28		0.35
BV5480	0.7639*	Max WS	TR030_TP01H	5.22	27.04	29.65	28.25	29.92	0.003318	2.29	2.28		0.45
BV5480	0.7545*	Max WS	TR200_TP01H	5.09	27.02	30.12	28.21	30.38	0.003149	2.23	2.28		0.40
BV5480	0.7545*	Max WS	TR200_TP03H	5.14	27.02	29.84	28.22	30.10	0.003201	2.25	2.28		0.43
BV5480	0.7545*	Max WS	TR200_TP06H	3.23	27.02	29.15	27.90	29.25	0.001263	1.41	2.28		0.31
BV5480	0.7545*	Max WS	TR030_TP06H	2.12	27.02	28.76	27.68	28.81	0.000452	0.97	2.17	1.25	0.24
BV5480	0.7545*	Max WS	TR030_TP03H	3.71	27.02	29.29	27.98	29.42	0.001669	1.62	2.28		0.34
BV5480	0.7545*	Max WS	TR030_TP01H	5.22	27.02	29.64	28.23	29.91	0.003304	2.28	2.28		0.45
BV5480	0.7451*	Max WS	TR200_TP01H	5.09	27.00	30.12	28.19	30.37	0.003149	2.23	2.28		0.40
BV5480	0.7451*	Max WS	TR200_TP03H	5.14	27.00	29.83	28.20	30.09	0.003200	2.25	2.28		0.43
BV5480	0.7451*	Max WS	TR200_TP06H	3.23	27.00	29.15	27.88	29.25	0.001263	1.41	2.28		0.31
BV5480	0.7451*	Max WS	TR030_TP06H	2.12	27.00	28.76	27.66	28.81	0.000441	0.96	2.20	1.25	0.23
BV5480	0.7451*	Max WS	TR030_TP03H	3.71	27.00	29.28	27.96	29.42	0.001669	1.62	2.28		0.34
BV5480	0.7451*	Max WS	TR030_TP01H	5.21	27.00	29.63	28.21	29.90	0.003296	2.28	2.28		0.45
BV5480	0.7356*	Max WS	TR200_TP01H	5.09	26.98	30.11	28.17	30.36	0.003148	2.23	2.29		0.40
BV5480	0.7356*	Max WS	TR200_TP03H	5.13	26.98	29.82	28.18	30.08	0.003198	2.25	2.29		0.43
BV5480	0.7356*	Max WS	TR200_TP06H	3.23	26.98	29.14	27.86	29.25	0.001262	1.41	2.29		0.31
BV5480	0.7356*	Max WS	TR030_TP06H	2.12	26.98	28.76	27.65	28.80	0.000430	0.95	2.22	1.25	0.23
BV5480	0.7356*	Max WS	TR030_TP03H	3.71	26.98	29.28	27.95	29.41	0.001668	1.62	2.29		0.34
BV5480	0.7356*	Max WS	TR030_TP01H	5.15	26.98	29.62	28.18	29.88	0.003223	2.26	2.29		0.44
BV5480	0.7262*	Max WS	TR200_TP01H	5.09	26.96	30.10	28.15	30.35	0.003149	2.23	2.28		0.40
BV5480	0.7262*	Max WS	TR200_TP03H	5.13	26.96	29.81	28.16	30.07	0.003199	2.25	2.28		0.43
BV5480	0.7262*	Max WS	TR200_TP06H	3.23	26.96	29.14	27.84	29.24	0.001263	1.41	2.28		0.31
BV5480	0.7262*	Max WS	TR030_TP06H	2.12	26.96	28.76	27.63	28.80	0.000420	0.94	2.24	1.25	0.23
BV5480	0.7262*	Max WS	TR030_TP03H	3.71	26.96	29.27	27.93	29.41	0.001669	1.62	2.28		0.34
BV5480	0.7262*	Max WS	TR030_TP01H	5.13	26.96	29.61	28.16	29.87	0.003196	2.25	2.28		0.44
BV5480	0.7168*	Max WS	TR200_TP01H	5.09	26.94	30.09	28.13	30.34	0.003140	2.23	2.29		0.40
BV5480	0.7168*	Max WS	TR200_TP03H	5.13	26.94	29.80	28.14	30.06	0.003188	2.24	2.29		0.42
BV5480	0.7168*	Max WS	TR200_TP06H	3.23	26.94	29.14	27.82	29.24	0.001259	1.41	2.29		0.30
BV5480	0.7168*	Max WS	TR030_TP06H	2.12	26.94	28.76	27.61	28.80	0.000409	0.93	2.27	1.25	0.22
BV5480	0.7168*	Max WS	TR030_TP03H	3.71	26.94	29.27	27.91	29.40	0.001664	1.62	2.29		0.34
BV5480	0.7168*	Max WS	TR030_TP01H	5.13	26.94	29.60	28.14	29.86	0.003182	2.24	2.29		0.44
BV5480	0.7074*	Max WS	TR200_TP01H	5.09	26.92	30.08	28.11	30.33	0.003140	2.23	2.29		0.40
BV5480	0.7074*	Max WS	TR200_TP03H	5.13	26.92	29.79	28.12	30.05	0.003187	2.24	2.29		0.42
BV5480	0.7074*	Max WS	TR200_TP06H	3.23	26.92	29.13	27.80	29.23	0.001260	1.41	2.29		0.30
BV5480	0.7074*	Max WS	TR030_TP06H	2.12	26.92	28.75	27.59	28.80	0.000543	0.93	2.29		0.22
BV5480	0.7074*	Max WS	TR030_TP03H	3.71	26.92	29.26	27.89	29.40	0.001664	1.62	2.29		0.34
BV5480	0.7074*	Max WS	TR030_TP01H	5.12	26.92	29.59	28.12	29.85	0.003167	2.24	2.29		0.44
BV5480	0.6979*	Max WS	TR200_TP01H	5.09	26.90	30.07	28.10	30.32	0.003140	2.23	2.29		0.40
BV5480	0.6979*	Max WS	TR200_TP03H	5.13	26.90	29.78	28.10	30.04	0.003187	2.24	2.29		0.42
BV5480	0.6979*	Max WS	TR200_TP06H	3.23	26.90	29.13	27.79	29.23	0.001259	1.41	2.29		0.30
BV5480	0.6979*	Max WS	TR030_TP06H	2.12	26.90	28.75	27.57	28.80	0.000543	0.93	2.29		0.22
BV5480	0.6979*	Max WS	TR030_TP03H	3.69	26.90	29.26	27.87	29.39	0.001647	1.61	2.29		0.34
BV5480	0.6979*	Max WS	TR030_TP01H	5.11	26.90	29.58	28.10	29.84	0.003162	2.23	2.29		0.44
BV5480	0.6885*	Max WS	TR200_TP01H	5.09	26.88	30.06	28.08	30.31	0.003140	2.23	2.29		0.40
BV5480	0.6885*	Max WS	TR200_TP03H	5.13	26.88	29.77	28.08	30.03	0.003185	2.24	2.29		0.42
BV5480	0.6885*	Max WS	TR200_TP06H	3.23	26.88	29.12	27.76	29.23	0.001259	1.41	2.29		0.30
BV5480	0.6885*	Max WS	TR030_TP06H	2.12	26.88	28.75	27.55	28.80	0.000543	0.93	2.29		0.22
BV5480	0.6885*	Max WS	TR030_TP03H	3.69	26.88	29.25	27.85	29.38	0.001647	1.61	2.29		0.33
BV5480	0.6885*	Max WS	TR030_TP01H	5.06	26.88	29.58	28.07	29.82	0.003103	2.21	2.29		0.43
BV5480	0.6791*	Max WS	TR200_TP01H	5.09	26.87	30.05	28.06	30.30	0.003132	2.22	2.29		0.40
BV5480	0.6791*	Max WS	TR200_TP03H	5.13	26.87	29.76	28.06	30.02	0.003177	2.24	2.29		0.42
BV5480	0.6791*	Max WS	TR200_TP06H	3.23	26.87	29.12	27.74	29.22	0.001256	1.41	2.29		0.30
BV5480	0.6791*	Max WS	TR030_TP06H	2.12	26.87	28.75	27.53	28.79	0.000542	0.93	2.29		0.22
BV5480	0.6791*	Max WS	TR030_TP03H	3.69	26.87	29.25	27.83	29.38	0.001643	1.61	2.29		0.33
BV5480	0.6791*	Max WS	TR030_TP01H	5.05	26.87	29.57	28.05	29.81	0.003079	2.21	2.29		0.43
BV5480	0.6697*	Max WS	TR200_TP01H	5.09	26.85	30.04	28.04	30.29	0.003131	2.22	2.29		0.40
BV5480	0.6697*	Max WS	TR200_TP03H	5.13	26.85	29.75	28.04	30.01	0.003173	2.24	2.29		0.42
BV5480	0.6697*	Max WS	TR200_TP06H	3.23	26.85	29.12	27.72	29.22	0.001256	1.41	2.29		0.30
BV5480	0.6697*	Max WS	TR030_TP06H	2.12	26.85	28.75	27.51	28.79	0.000541	0.92	2.29		0.21
BV5480	0.6697*	Max WS	TR030_TP03H	3.69	26.85	29.24	27.81	29.37	0.001642	1.61	2.29		0.33
BV5480	0.6697*	Max WS	TR030_TP01H	4.23	26.85	29.56	27.90	29.73	0.002161	1.85	2.29		0.36
BV5480	0.6602*	Max WS	TR200_TP01H	5.09	26.83	30.03	28.02	30.29	0.003131	2.22	2.29		0.40
BV5480	0.6602*	Max WS	TR200_TP03H	5.13	26.83	29.74	28.02	30.00	0.003170	2.24	2.29		0.42
BV5480	0.6602*	Max WS	TR200_TP06H	3.23	26.83	29.11	27.70	29.21	0.001255	1.41	2.29		0.30
BV5480	0.6602*	Max WS	TR030_TP06H	2.12	26.83	28.75	27.49	28.79	0.000541	0.92	2.29		0.21
BV5480	0.6602*	Max WS	TR030_TP03H	3.69	26.83	29.24	27.79	29.37	0.001642	1.61	2.29		0.33
BV5480	0.6602*	Max WS	TR030_TP01H	3.37	26.83	29.56	27.73	29.67	0.001370	1.47	2.29		0.28
BV5480	0.6508*	Max WS	TR200_TP01H	5.09	26.81	30.02	28.00	30.28	0.003132	2.22	2.29		0.40
BV5480	0.6508*	Max WS	TR200_TP03H	5.13	26.81	29.73	28.01	29.99	0.003170	2.24	2.29		0.42

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
BV5480	0.6508*	Max WS	TR200_TP06H	3.23	26.81	29.11	27.69	29.21	0.001256	1.41	2.29		0.30
BV5480	0.6508*	Max WS	TR030_TP06H	2.12	26.81	28.75	27.47	28.79	0.000542	0.93	2.29		0.21
BV5480	0.6508*	Max WS	TR030_TP03H	3.69	26.81	29.23	27.77	29.36	0.001643	1.61	2.29		0.33
BV5480	0.6508*	Max WS	TR030_TP01H	3.37	26.81	29.55	27.71	29.66	0.001371	1.47	2.29		0.28
BV5480	0.6414*	Max WS	TR200_TP01H	5.09	26.79	30.01	27.98	30.27	0.003131	2.22	2.29		0.40
BV5480	0.6414*	Max WS	TR200_TP03H	5.12	26.79	29.73	27.98	29.98	0.003167	2.24	2.29		0.42
BV5480	0.6414*	Max WS	TR200_TP06H	3.23	26.79	29.11	27.67	29.21	0.001255	1.41	2.29		0.30
BV5480	0.6414*	Max WS	TR030_TP06H	2.12	26.79	28.74	27.45	28.79	0.000541	0.93	2.29		0.21
BV5480	0.6414*	Max WS	TR030_TP03H	3.69	26.79	29.23	27.75	29.36	0.001642	1.61	2.29		0.33
BV5480	0.6414*	Max WS	TR030_TP01H	3.37	26.79	29.55	27.69	29.66	0.001370	1.47	2.29		0.28
BV5480	0.6320*	Max WS	TR200_TP01H	5.09	26.77	30.01	27.96	30.26	0.003123	2.22	2.29		0.39
BV5480	0.6320*	Max WS	TR200_TP03H	5.11	26.77	29.72	27.96	29.97	0.003144	2.23	2.29		0.41
BV5480	0.6320*	Max WS	TR200_TP06H	3.23	26.77	29.10	27.65	29.20	0.001252	1.41	2.29		0.29
BV5480	0.6320*	Max WS	TR030_TP06H	2.12	26.77	28.74	27.43	28.79	0.000540	0.92	2.29		0.21
BV5480	0.6320*	Max WS	TR030_TP03H	3.67	26.77	29.22	27.73	29.35	0.001617	1.60	2.29		0.33
BV5480	0.6320*	Max WS	TR030_TP01H	3.37	26.77	29.55	27.67	29.66	0.001367	1.47	2.29		0.28
BV5480	0.6225*	Max WS	TR200_TP01H	5.09	26.75	30.00	27.94	30.25	0.003122	2.22	2.29		0.39
BV5480	0.6225*	Max WS	TR200_TP03H	5.10	26.75	29.71	27.94	29.96	0.003133	2.23	2.29		0.41
BV5480	0.6225*	Max WS	TR200_TP06H	3.23	26.75	29.10	27.63	29.20	0.001252	1.41	2.29		0.29
BV5480	0.6225*	Max WS	TR030_TP06H	2.12	26.75	28.74	27.41	28.78	0.000540	0.92	2.29		0.21
BV5480	0.6225*	Max WS	TR030_TP03H	3.67	26.75	29.22	27.71	29.35	0.001616	1.60	2.29		0.32
BV5480	0.6225*	Max WS	TR030_TP01H	3.37	26.75	29.54	27.66	29.65	0.001366	1.47	2.29		0.28
BV5480	0.6131*	Max WS	TR200_TP01H	5.09	26.73	29.99	27.92	30.24	0.003123	2.22	2.29		0.39
BV5480	0.6131*	Max WS	TR200_TP03H	5.10	26.73	29.70	27.92	29.95	0.003130	2.22	2.29		0.41
BV5480	0.6131*	Max WS	TR200_TP06H	3.23	26.73	29.09	27.61	29.20	0.001252	1.41	2.29		0.29
BV5480	0.6131*	Max WS	TR030_TP06H	2.12	26.73	28.74	27.39	28.78	0.000540	0.92	2.29		0.21
BV5480	0.6131*	Max WS	TR030_TP03H	3.67	26.73	29.21	27.69	29.34	0.001617	1.60	2.29		0.32
BV5480	0.6131*	Max WS	TR030_TP01H	3.37	26.73	29.54	27.64	29.65	0.001367	1.47	2.29		0.28
BV5480	0.6037*	Max WS	TR200_TP01H	5.09	26.71	29.98	27.90	30.23	0.003123	2.22	2.29		0.39
BV5480	0.6037*	Max WS	TR200_TP03H	5.10	26.71	29.69	27.90	29.94	0.003129	2.22	2.29		0.41
BV5480	0.6037*	Max WS	TR200_TP06H	3.23	26.71	29.09	27.59	29.19	0.001252	1.41	2.29		0.29
BV5480	0.6037*	Max WS	TR030_TP06H	2.12	26.71	28.74	27.38	28.78	0.000540	0.92	2.29		0.21
BV5480	0.6037*	Max WS	TR030_TP03H	3.67	26.71	29.21	27.67	29.34	0.001617	1.60	2.29		0.32
BV5480	0.6037*	Max WS	TR030_TP01H	3.37	26.71	29.54	27.62	29.65	0.001367	1.47	2.29		0.28
BV5480	0.5943*	Max WS	TR200_TP01H	5.09	26.69	29.97	27.88	30.22	0.003112	2.22	2.30		0.39
BV5480	0.5943*	Max WS	TR200_TP03H	5.08	26.69	29.68	27.88	29.93	0.003101	2.22	2.30		0.41
BV5480	0.5943*	Max WS	TR200_TP06H	3.23	26.69	29.09	27.57	29.19	0.001249	1.41	2.30		0.29
BV5480	0.5943*	Max WS	TR030_TP06H	2.12	26.69	28.74	27.36	28.78	0.000538	0.92	2.30		0.21
BV5480	0.5943*	Max WS	TR030_TP03H	3.67	26.69	29.20	27.65	29.33	0.001612	1.60	2.30		0.32
BV5480	0.5943*	Max WS	TR030_TP01H	3.37	26.69	29.53	27.60	29.64	0.001363	1.47	2.30		0.28
BV5480	0.5848*	Max WS	TR200_TP01H	5.09	26.67	29.96	27.87	30.21	0.003114	2.22	2.29		0.39
BV5480	0.5848*	Max WS	TR200_TP03H	5.04	26.67	29.67	27.86	29.92	0.003053	2.20	2.29		0.41
BV5480	0.5848*	Max WS	TR200_TP06H	3.23	26.67	29.08	27.55	29.18	0.001249	1.41	2.29		0.29
BV5480	0.5848*	Max WS	TR030_TP06H	2.12	26.67	28.73	27.34	28.78	0.000539	0.92	2.29		0.21
BV5480	0.5848*	Max WS	TR030_TP03H	3.66	26.67	29.20	27.63	29.33	0.001612	1.60	2.29		0.32
BV5480	0.5848*	Max WS	TR030_TP01H	3.37	26.67	29.53	27.58	29.64	0.001364	1.47	2.29		0.28
BV5480	0.5754*	Max WS	TR200_TP01H	5.08	26.65	29.95	27.84	30.20	0.003101	2.22	2.29		0.39
BV5480	0.5754*	Max WS	TR200_TP03H	5.04	26.65	29.66	27.84	29.91	0.003053	2.20	2.29		0.40
BV5480	0.5754*	Max WS	TR200_TP06H	3.23	26.65	29.08	27.53	29.18	0.001249	1.41	2.29		0.29
BV5480	0.5754*	Max WS	TR030_TP06H	2.12	26.65	28.73	27.32	28.78	0.000539	0.92	2.29		0.20
BV5480	0.5754*	Max WS	TR030_TP03H	3.66	26.65	29.19	27.61	29.32	0.001612	1.60	2.29		0.32
BV5480	0.5754*	Max WS	TR030_TP01H	3.37	26.65	29.53	27.56	29.64	0.001364	1.47	2.29		0.28
BV5480	0.5660*	Max WS	TR200_TP01H	5.06	26.63	29.94	27.82	30.19	0.003078	2.21	2.30		0.39
BV5480	0.5660*	Max WS	TR200_TP03H	5.04	26.63	29.65	27.82	29.90	0.003052	2.20	2.30		0.40
BV5480	0.5660*	Max WS	TR200_TP06H	3.23	26.63	29.08	27.51	29.18	0.001249	1.41	2.30		0.29
BV5480	0.5660*	Max WS	TR030_TP06H	2.12	26.63	28.73	27.30	28.77	0.000538	0.92	2.30		0.20
BV5480	0.5660*	Max WS	TR030_TP03H	3.62	26.63	29.19	27.58	29.32	0.001570	1.58	2.30		0.31
BV5480	0.5660*	Max WS	TR030_TP01H	3.37	26.63	29.52	27.54	29.63	0.001363	1.47	2.30		0.28
BV5480	0.5566*	Max WS	TR200_TP01H	4.85	26.62	29.93	27.77	30.16	0.002814	2.11	2.30		0.37
BV5480	0.5566*	Max WS	TR200_TP03H	5.04	26.62	29.64	27.80	29.89	0.003044	2.20	2.30		0.40
BV5480	0.5566*	Max WS	TR200_TP06H	3.23	26.62	29.07	27.49	29.17	0.001245	1.40	2.30		0.29
BV5480	0.5566*	Max WS	TR030_TP06H	2.12	26.62	28.73	27.28	28.77	0.000537	0.92	2.30		0.20
BV5480	0.5566*	Max WS	TR030_TP03H	3.60	26.62	29.18	27.56	29.31	0.001548	1.57	2.30		0.31
BV5480	0.5566*	Max WS	TR030_TP01H	3.37	26.62	29.52	27.52	29.63	0.001360	1.47	2.30		0.27
BV5480	0.5471*	Max WS	TR200_TP01H	4.80	26.60	29.93	27.74	30.15	0.002757	2.09	2.30		0.37
BV5480	0.5471*	Max WS	TR200_TP03H	5.04	26.60	29.63	27.78	29.88	0.003044	2.20	2.30		0.40
BV5480	0.5471*	Max WS	TR200_TP06H	3.23	26.60	29.07	27.47	29.17	0.001245	1.40	2.30		0.29
BV5480	0.5471*	Max WS	TR030_TP06H	2.12	26.60	28.73	27.26	28.77	0.000537	0.92	2.30		0.20
BV5480	0.5471*	Max WS	TR030_TP03H	3.60	26.60	29.18	27.54	29.31	0.001548	1.57	2.30		0.31
BV5480	0.5471*	Max WS	TR030_TP01H	3.37	26.60	29.52	27.50	29.63	0.001360	1.47	2.30		0.27
BV5480	0.5377*	Max WS	TR200_TP01H	4.72	26.58	29.92	27.71	30.13	0.002667	2.05	2.30		0.36
BV5480	0.5377*	Max WS	TR200_TP03H	5.04	26.58	29.63	27.76	29.87	0.003044	2.20	2.30		0.40
BV5480	0.5377*	Max WS	TR200_TP06H	3.23	26.58	29.06	27.46	29.17	0.001245	1.40	2.30		0.28
BV5480	0.5377*	Max WS	TR030_TP06H	2.12	26.58	28.73	27.24	28.77	0.000537	0.92	2.30		0.20
BV5480	0.5377*	Max WS	TR030_TP03H	3.56	26.58	29.18	27.52	29.30	0.001517	1.55	2.30		0.31
BV5480	0.5377*	Max WS	TR030_TP01H	3.37	26.58	29.51	27.48	29.62	0.001360	1.47	2.30		0.27
BV5480	0.5283*	Max WS	TR200_TP01H	4.59	26.56	29.91	27.67	30.11	0.002517	2.00	2.30		0.35
BV5480	0.5283*	Max WS	TR200_TP03H	5.04	26.56	29.62	27.74	29.86	0.003044	2.20	2.30		0.40
BV5480	0.5283*	Max WS	TR200_TP06H	3.23	26.56	29.06	27.44	29.16	0.001245	1.40	2.30		0.28
BV5480	0.5283*	Max WS	TR030_TP06H	2.12	26.56	28.72	27.22	28.77	0.000536	0.92	2.30		0.20
BV5480	0.5283*	Max WS	TR030_TP03H	3.46	26.56	29.17	27.48	29.29	0.001429	1.50	2.30		0.30
BV5480	0.5283*	Max WS	TR030_TP01H	3.37	26.56	29.51	27.46	29.62	0.001360	1.47	2.30		0.27
BV5480	0.5189*	Max WS	TR200_TP01H	4.50	26.54	29.90	27.64	30.10	0.002420	1.96	2.30		0.34
BV5480	0.5189*	Max WS	TR200_TP03H	5.04	26.54	29.61	27.72	29.85	0.003035	2.19	2.30		0.40

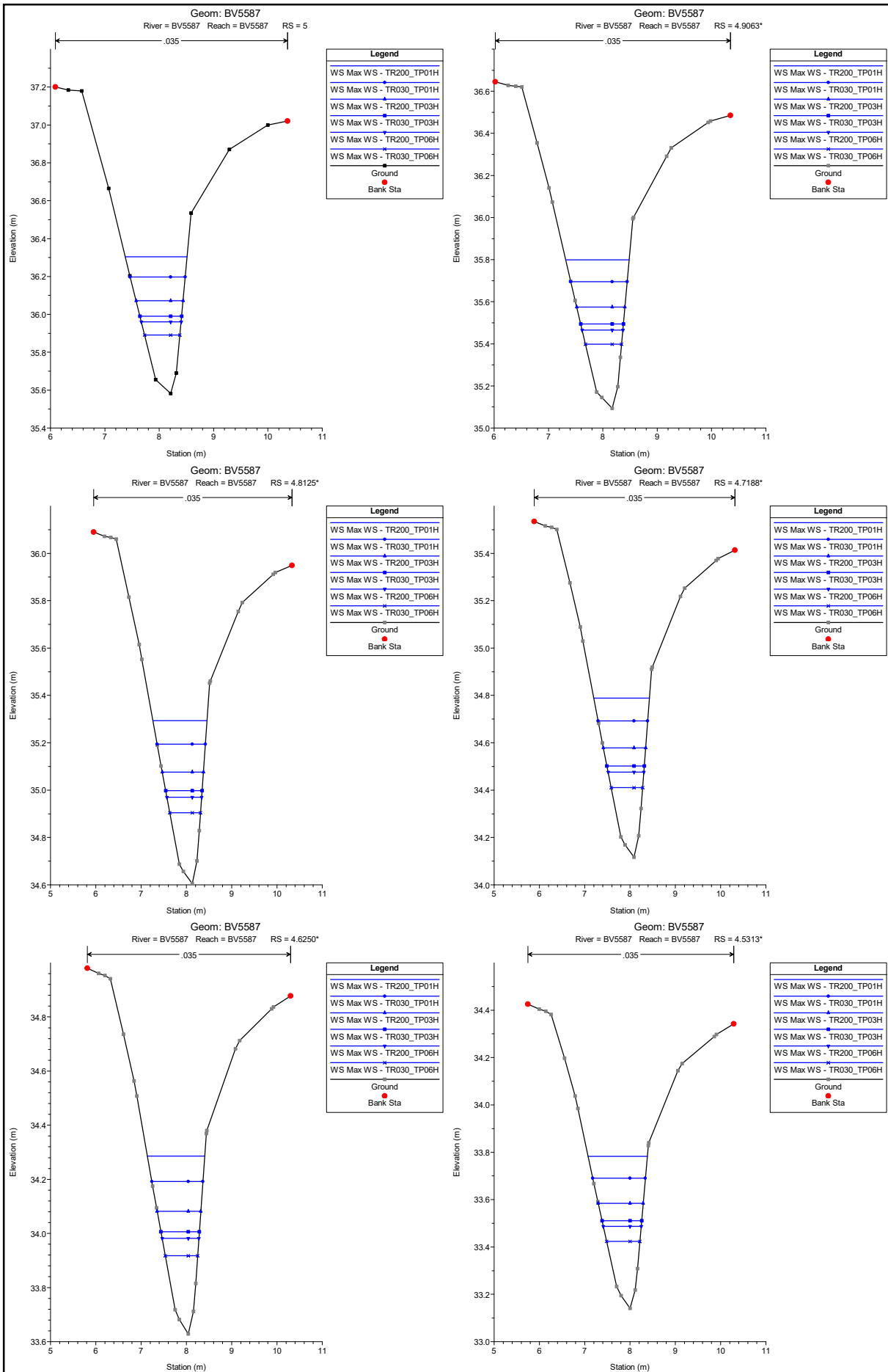
HEC-RAS River: BV5480 Reach: BV5480 Profile: Max WS (Continued)

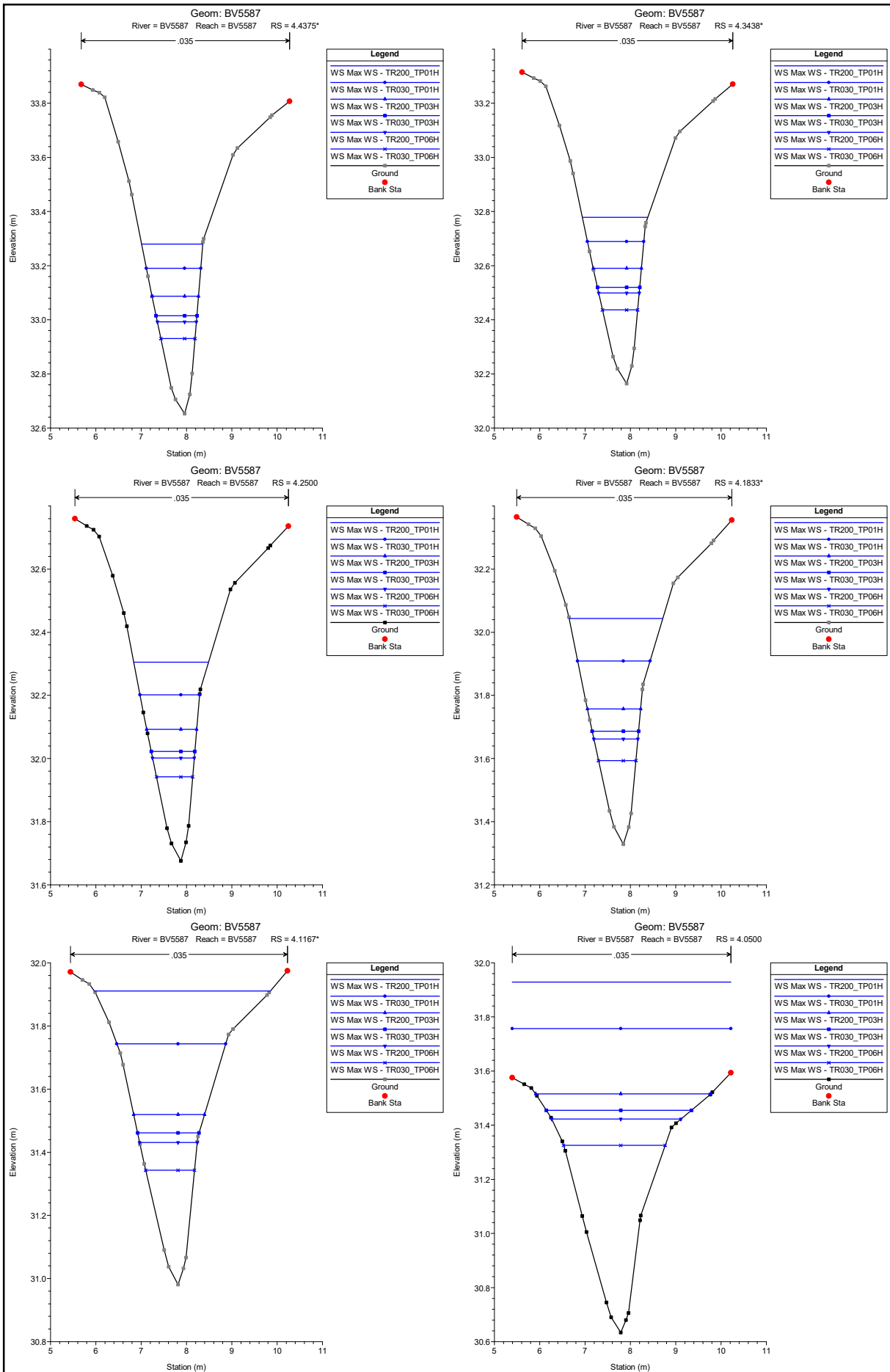
Reach	River Sta	Profile	Plan	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
BV5480	0.5189*	Max WS	TR200_TP06H	3.23	26.54	29.06	27.42	29.16	0.001242	1.40	2.30		0.28
BV5480	0.5189*	Max WS	TR030_TP03H	2.12	26.54	28.72	27.20	28.77	0.000535	0.92	2.30		0.20
BV5480	0.5189*	Max WS	TR030_TP03H	3.42	26.54	29.17	27.45	29.28	0.001396	1.49	2.30		0.29
BV5480	0.5189*	Max WS	TR030_TP01H	3.37	26.54	29.51	27.44	29.62	0.001356	1.47	2.30		0.27
BV5480	0.5094*	Max WS	TR200_TP01H	4.50	26.52	29.90	27.62	30.09	0.002421	1.96	2.30		0.34
BV5480	0.5094*	Max WS	TR200_TP03H	5.04	26.52	29.60	27.70	29.84	0.003037	2.19	2.30		0.40
BV5480	0.5094*	Max WS	TR200_TP06H	3.23	26.52	29.05	27.40	29.15	0.001242	1.40	2.30		0.28
BV5480	0.5094*	Max WS	TR030_TP06H	2.12	26.52	28.72	27.18	28.76	0.000536	0.92	2.30		0.20
BV5480	0.5094*	Max WS	TR030_TP03H	3.42	26.52	29.16	27.43	29.28	0.001397	1.49	2.30		0.29
BV5480	0.5094*	Max WS	TR030_TP01H	3.37	26.52	29.50	27.42	29.61	0.001356	1.47	2.30		0.27
BV5480	0.5	Max WS	TR200_TP01H	4.50	26.50	29.89	27.60	30.09	0.002420	1.96	2.30		0.34
BV5480	0.5	Max WS	TR200_TP03H	5.04	26.50	29.59	27.68	29.84	0.003035	2.19	2.30		0.40
BV5480	0.5	Max WS	TR200_TP06H	3.22	26.50	29.05	27.38	29.15	0.001236	1.40	2.30		0.28
BV5480	0.5	Max WS	TR030_TP06H	2.12	26.50	28.72	27.16	28.76	0.000534	0.92	2.30		0.20
BV5480	0.5	Max WS	TR030_TP03H	3.42	26.50	29.16	27.41	29.27	0.001396	1.49	2.30		0.29
BV5480	0.5	Max WS	TR030_TP01H	3.37	26.50	29.50	27.41	29.61	0.001356	1.47	2.30		0.27

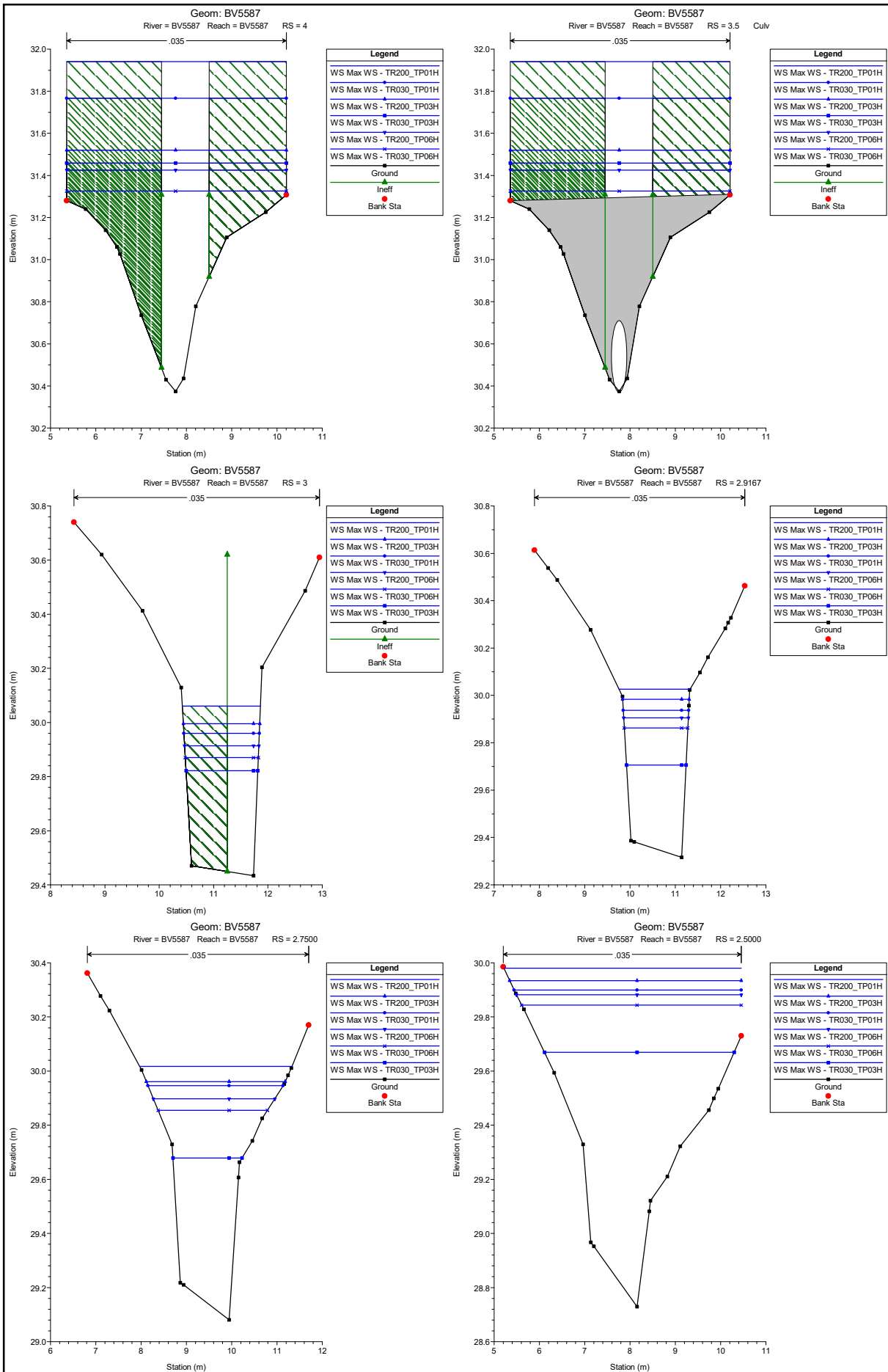
Geom: BV5587

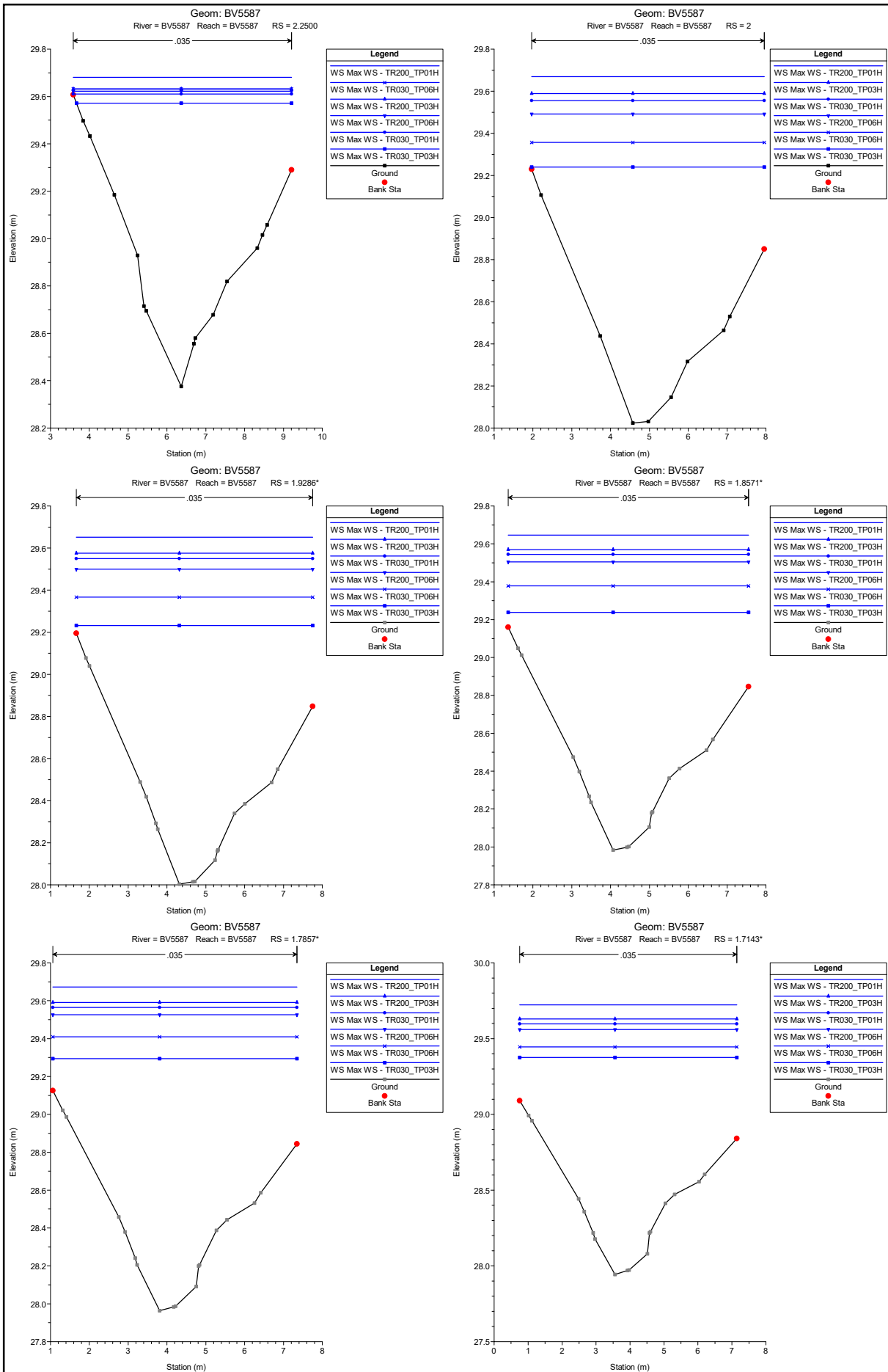


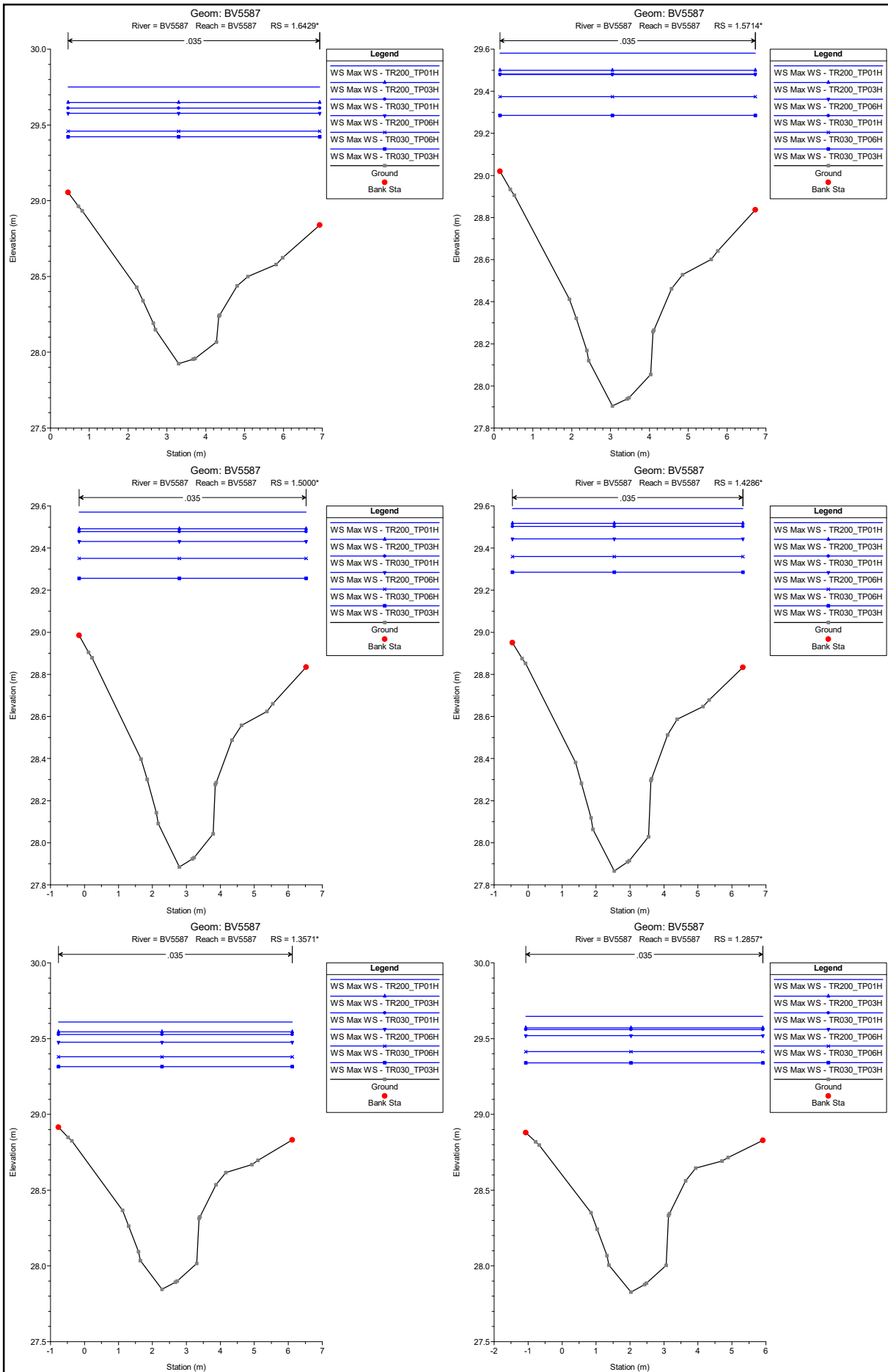
Legend	
WS Max WS - TR200_TP01H	▲
WS Max WS - TR200_TP03H	●
WS Max WS - TR030_TP01H	■
WS Max WS - TR030_TP03H	▼
WS Max WS - TR200_TP06H	×
WS Max WS - TR030_TP06H	◆
Ground	■
LOB	- - -
ROB	- · - · -

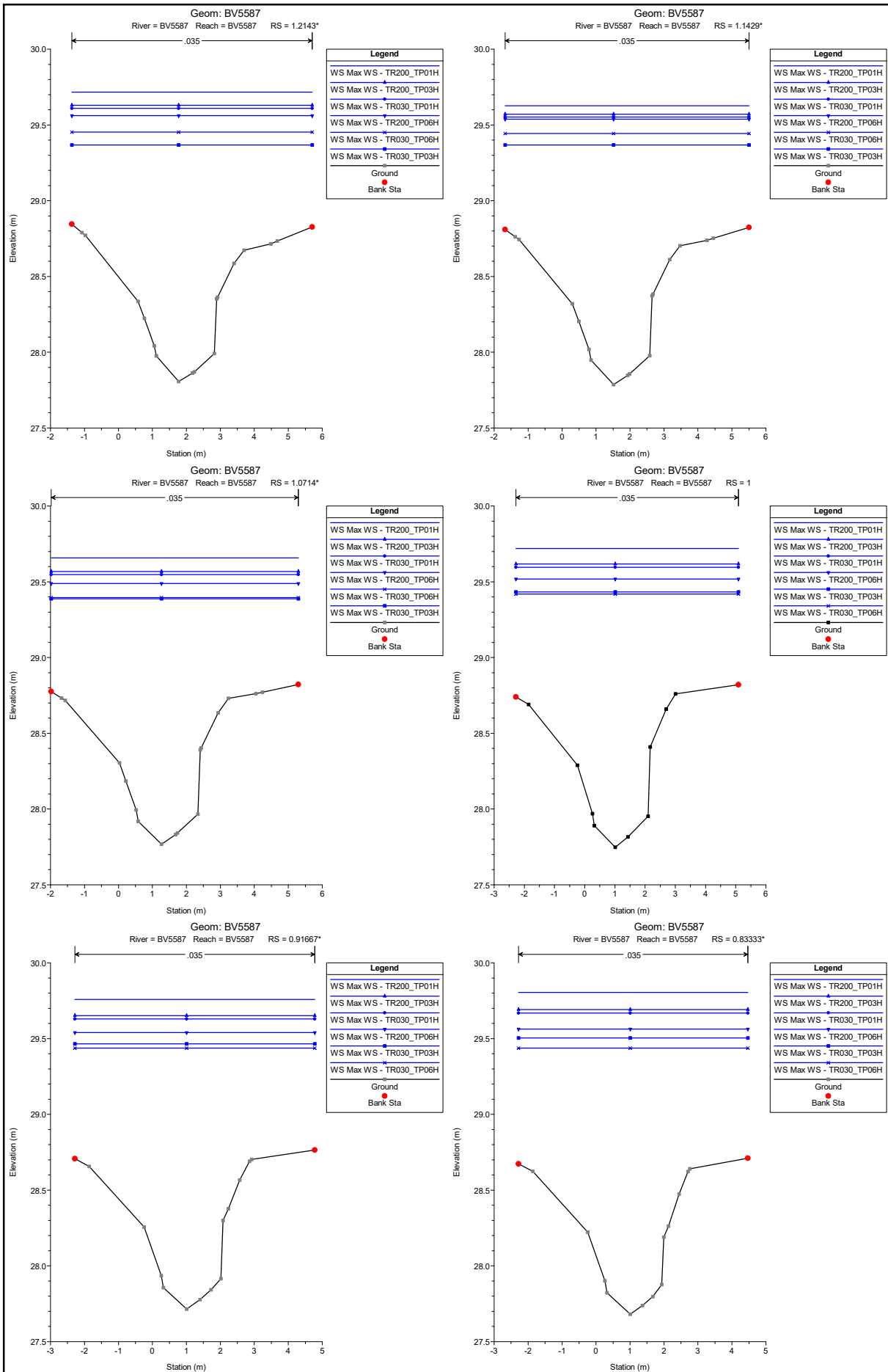


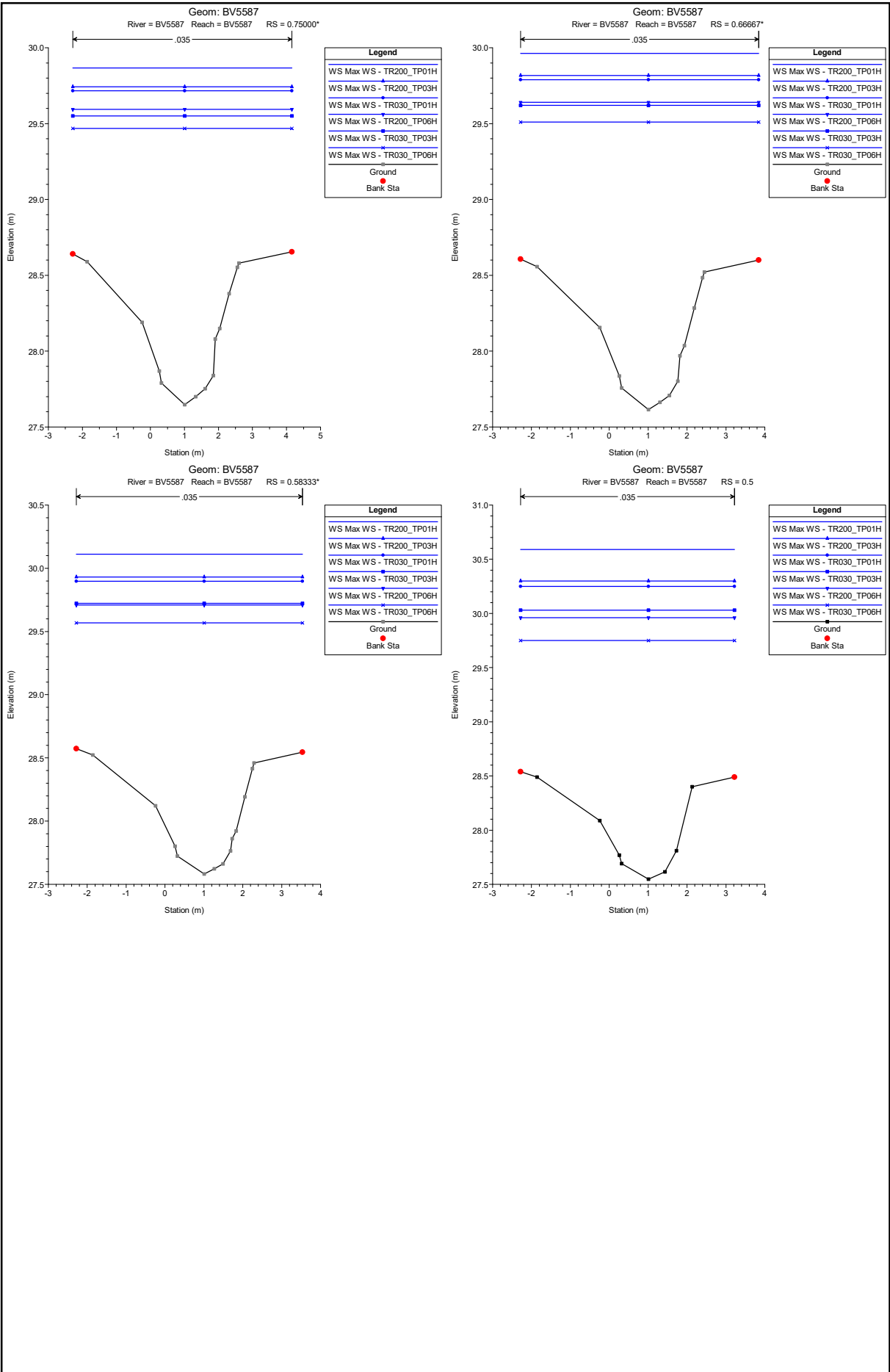












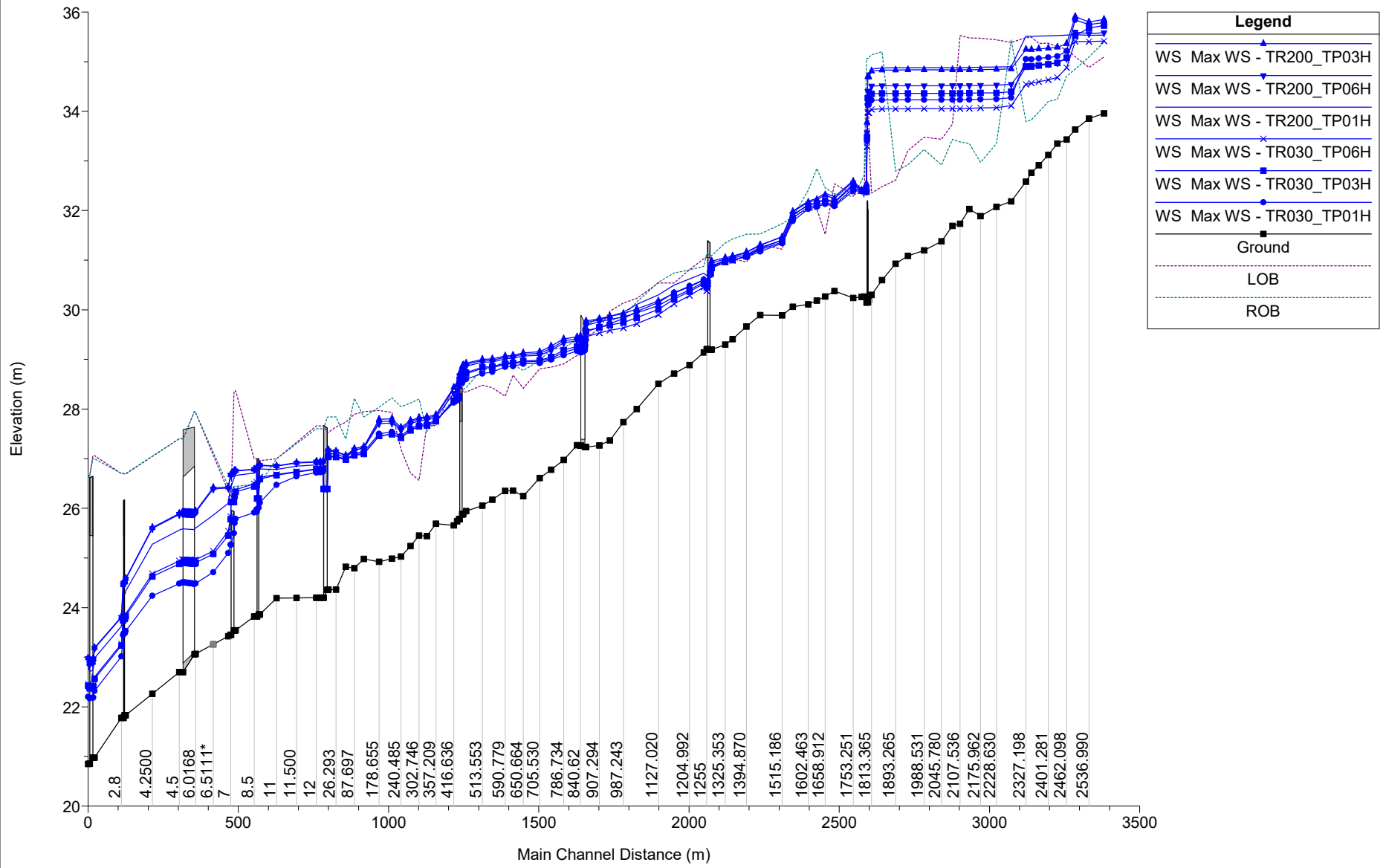
Reach	River Sta	Profile	Plan	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
BV5587	5	Max WS	TR200_TP01H	1.57	35.58	36.30	36.45	36.80	0.072819	3.13	0.50	1.14	1.51
BV5587	5	Max WS	TR200_TP03H	0.70	35.58	36.07	36.18	36.41	0.073161	2.59	0.27	0.87	1.48
BV5587	5	Max WS	TR200_TP06H	0.41	35.58	35.96	36.04	36.23	0.074014	2.29	0.18	0.73	1.48
BV5587	5	Max WS	TR030_TP06H	0.27	35.58	35.89	35.95	36.11	0.072289	2.05	0.13	0.65	1.45
BV5587	5	Max WS	TR030_TP03H	0.48	35.58	35.99	36.07	36.27	0.072294	2.35	0.20	0.77	1.46
BV5587	5	Max WS	TR030_TP01H	1.12	35.58	36.20	36.33	36.62	0.072579	2.89	0.39	1.01	1.49
BV5587	4.99		Lat Struct										
BV5587	4.98		Lat Struct										
BV5587	4.9063*	Max WS	TR200_TP01H	1.57	35.09	35.80	35.95	36.30	0.073162	3.14	0.50	1.17	1.53
BV5587	4.9063*	Max WS	TR200_TP03H	0.70	35.09	35.57	35.68	35.92	0.073444	2.60	0.27	0.89	1.51
BV5587	4.9063*	Max WS	TR200_TP06H	0.41	35.09	35.47	35.55	35.73	0.074165	2.30	0.18	0.75	1.50
BV5587	4.9063*	Max WS	TR030_TP06H	0.27	35.09	35.40	35.46	35.61	0.073032	2.06	0.13	0.66	1.47
BV5587	4.9063*	Max WS	TR030_TP03H	0.48	35.09	35.49	35.58	35.78	0.072957	2.36	0.20	0.79	1.49
BV5587	4.9063*	Max WS	TR030_TP01H	1.12	35.09	35.70	35.83	36.12	0.073007	2.90	0.39	1.04	1.52
BV5587	4.8125*	Max WS	TR200_TP01H	1.57	34.60	35.29	35.45	35.80	0.073721	3.16	0.50	1.20	1.56
BV5587	4.8125*	Max WS	TR200_TP03H	0.70	34.60	35.08	35.18	35.42	0.073708	2.60	0.27	0.91	1.53
BV5587	4.8125*	Max WS	TR200_TP06H	0.41	34.60	34.97	35.05	35.24	0.074442	2.30	0.18	0.77	1.52
BV5587	4.8125*	Max WS	TR030_TP06H	0.27	34.60	34.90	34.97	35.12	0.073835	2.07	0.13	0.68	1.50
BV5587	4.8125*	Max WS	TR030_TP03H	0.48	34.60	35.00	35.09	35.28	0.073562	2.37	0.20	0.81	1.51
BV5587	4.8125*	Max WS	TR030_TP01H	1.12	34.60	35.19	35.33	35.62	0.073437	2.91	0.38	1.07	1.55
BV5587	4.7188*	Max WS	TR200_TP01H	1.57	34.12	34.79	34.96	35.30	0.073677	3.16	0.50	1.23	1.59
BV5587	4.7188*	Max WS	TR200_TP03H	0.70	34.12	34.58	34.68	34.92	0.073778	2.60	0.27	0.94	1.55
BV5587	4.7188*	Max WS	TR200_TP06H	0.41	34.12	34.48	34.56	34.74	0.074244	2.29	0.18	0.79	1.53
BV5587	4.7188*	Max WS	TR030_TP06H	0.27	34.12	34.41	34.48	34.63	0.074513	2.07	0.13	0.70	1.52
BV5587	4.7188*	Max WS	TR030_TP03H	0.48	34.12	34.50	34.59	34.79	0.073980	2.37	0.20	0.83	1.54
BV5587	4.7188*	Max WS	TR030_TP01H	1.12	34.12	34.69	34.83	35.12	0.073588	2.91	0.38	1.10	1.57
BV5587	4.6250*	Max WS	TR200_TP01H	1.57	33.63	34.29	34.46	34.80	0.073561	3.16	0.50	1.27	1.61
BV5587	4.6250*	Max WS	TR200_TP03H	0.70	33.63	34.08	34.19	34.43	0.073841	2.60	0.27	0.96	1.57
BV5587	4.6250*	Max WS	TR200_TP06H	0.41	33.63	33.98	34.06	34.25	0.074505	2.29	0.18	0.81	1.55
BV5587	4.6250*	Max WS	TR030_TP06H	0.27	33.63	33.92	33.98	34.14	0.075387	2.07	0.13	0.71	1.55
BV5587	4.6250*	Max WS	TR030_TP03H	0.48	33.63	34.01	34.10	34.29	0.074633	2.38	0.20	0.85	1.56
BV5587	4.6250*	Max WS	TR030_TP01H	1.12	33.63	34.19	34.33	34.62	0.073732	2.91	0.38	1.13	1.60
BV5587	4.5313*	Max WS	TR200_TP01H	1.57	33.14	33.78	33.96	34.29	0.072973	3.15	0.50	1.31	1.63
BV5587	4.5313*	Max WS	TR200_TP03H	0.70	33.14	33.58	33.69	33.93	0.073470	2.59	0.27	0.99	1.59
BV5587	4.5313*	Max WS	TR200_TP06H	0.41	33.14	33.49	33.57	33.75	0.074251	2.29	0.18	0.84	1.57
BV5587	4.5313*	Max WS	TR030_TP06H	0.27	33.14	33.42	33.49	33.64	0.076071	2.08	0.13	0.73	1.57
BV5587	4.5313*	Max WS	TR030_TP03H	0.48	33.14	33.51	33.60	33.80	0.074817	2.38	0.20	0.87	1.58
BV5587	4.5313*	Max WS	TR030_TP01H	1.12	33.14	33.69	33.83	34.12	0.073538	2.91	0.38	1.16	1.62
BV5587	4.4375*	Max WS	TR200_TP01H	1.57	32.65	33.28	33.45	33.78	0.072273	3.14	0.50	1.35	1.65
BV5587	4.4375*	Max WS	TR200_TP03H	0.70	32.65	33.09	33.19	33.43	0.072904	2.58	0.27	1.03	1.60
BV5587	4.4375*	Max WS	TR200_TP06H	0.41	32.65	32.99	33.08	33.26	0.074287	2.28	0.18	0.86	1.59
BV5587	4.4375*	Max WS	TR030_TP06H	0.27	32.65	32.93	33.00	33.15	0.076758	2.08	0.13	0.75	1.59
BV5587	4.4375*	Max WS	TR030_TP03H	0.48	32.65	33.02	33.11	33.30	0.075045	2.37	0.20	0.90	1.60
BV5587	4.4375*	Max WS	TR030_TP01H	1.12	32.65	33.19	33.33	33.62	0.073020	2.90	0.39	1.20	1.63
BV5587	4.3438*	Max WS	TR200_TP01H	1.57	32.16	32.78	32.94	33.27	0.071779	3.10	0.51	1.44	1.67
BV5587	4.3438*	Max WS	TR200_TP03H	0.70	32.16	32.59	32.70	32.93	0.072331	2.56	0.27	1.06	1.62
BV5587	4.3438*	Max WS	TR200_TP06H	0.41	32.16	32.50	32.58	32.76	0.072575	2.25	0.18	0.89	1.59
BV5587	4.3438*	Max WS	TR030_TP06H	0.27	32.16	32.44	32.51	32.66	0.077082	2.07	0.13	0.78	1.61
BV5587	4.3438*	Max WS	TR030_TP03H	0.48	32.16	32.52	32.61	32.80	0.074460	2.36	0.20	0.93	1.62
BV5587	4.3438*	Max WS	TR030_TP01H	1.12	32.16	32.69	32.83	33.12	0.073091	2.89	0.39	1.24	1.66
BV5587	4.2500	Max WS	TR200_TP01H	1.57	31.68	32.31	32.43	32.71	0.057709	2.81	0.56	1.65	1.54
BV5587	4.2500	Max WS	TR200_TP03H	0.70	31.68	32.09	32.20	32.42	0.072034	2.55	0.27	1.10	1.63
BV5587	4.2500	Max WS	TR200_TP06H	0.41	31.68	32.00	32.08	32.26	0.074503	2.26	0.18	0.92	1.62
BV5587	4.2500	Max WS	TR030_TP06H	0.27	31.68	31.94	32.01	32.16	0.078372	2.07	0.13	0.80	1.64
BV5587	4.2500	Max WS	TR030_TP03H	0.48	31.68	32.02	32.11	32.31	0.076289	2.37	0.20	0.96	1.65
BV5587	4.2500	Max WS	TR030_TP01H	1.12	31.68	32.20	32.33	32.59	0.064620	2.75	0.41	1.32	1.58
BV5587	4.1833*	Max WS	TR200_TP01H	1.57	31.33	32.04	32.07	32.27	0.027651	2.09	0.75	2.07	1.11
BV5587	4.1833*	Max WS	TR200_TP03H	0.70	31.33	31.76	31.84	32.04	0.058383	2.35	0.30	1.18	1.49
BV5587	4.1833*	Max WS	TR200_TP06H	0.41	31.33	31.66	31.73	31.89	0.062877	2.11	0.20	0.97	1.51
BV5587	4.1833*	Max WS	TR030_TP06H	0.27	31.33	31.59	31.66	31.80	0.075282	2.03	0.13	0.83	1.61
BV5587	4.1833*	Max WS	TR030_TP03H	0.48	31.33	31.69	31.76	31.93	0.061248	2.17	0.22	1.03	1.50
BV5587	4.1833*	Max WS	TR030_TP01H	1.12	31.33	31.91	31.97	32.16	0.038641	2.22	0.50	1.60	1.26
BV5587	4.1167*	Max WS	TR200_TP01H	1.57	30.98	31.91		31.97	0.006936	1.11	1.41	3.88	0.59
BV5587	4.1167*	Max WS	TR200_TP03H	0.70	30.98	31.52		31.64	0.019418	1.52	0.46	1.56	0.90
BV5587	4.1167*	Max WS	TR200_TP06H	0.41	30.98	31.43		31.51	0.015025	1.23	0.33	1.27	0.77
BV5587	4.1167*	Max WS	TR030_TP06H	0.27	30.98	31.34		31.41	0.017610	1.18	0.23	1.08	0.81
BV5587	4.1167*	Max WS	TR030_TP03H	0.48	30.98	31.46		31.54	0.015093	1.28	0.37	1.35	0.78
BV5587	4.1167*	Max WS	TR030_TP01H	1.12	30.98	31.74		31.82	0.009026	1.24	0.90	2.40	0.65
BV5587	4.0500	Max WS	TR200_TP01H	1.31	30.63	31.93		31.94	0.000434	0.40	3.29	4.82	0.15
BV5587	4.0500	Max WS	TR200_TP03H	0.69	30.63	31.52		31.53	0.001585	0.52	1.34	3.86	0.28
BV5587	4.0500	Max WS	TR200_TP06H	0.41	30.63	31.42		31.43	0.000956	0.40	1.02	2.85	0.21
BV5587	4.0500	Max WS	TR030_TP06H	0.27	30.63	31.33		31.33	0.000765	0.35	0.78	2.24	0.19
BV5587	4.0500	Max WS	TR030_TP03H	0.48	30.63	31.46		31.46	0.001072	0.42	1.12	3.20	0.23
BV5587	4.0500	Max WS	TR030_TP01H	1.02	30.63	31.76		31.77	0.000639	0.41	2.46	4.82	0.19
BV5587	4	Max WS	TR200_TP01H	0.54	30.37	31.94		31.95	0.000155	0.38	1.42	4.85	0.10
BV5587	4	Max WS	TR200_TP03H	0.50	30.37	31.52		31.53	0.000456	0.51	0.98	4.85	0.17
BV5587	4	Max WS	TR200_TP06H	0.31	30.37	31.43		31.43	0.000245	0.35	0.88	4.85	0.12
BV5587	4	Max WS	TR030_TP06H	0.23	30.37	31.33		31.33	0.000206	0.29	0.78	4.85	0.11
BV5587	4	Max WS	TR030_TP03H	0.34	30.37	31.46		31.47	0.000269	0.38	0.92	4.85	0.13
BV5587	4	Max WS	TR030_TP01H	0.53	30.37	31.77		31.78	0.000230	0.42	1.24	4.85	0.12
BV5587	3.5		Culvert										
BV5587	3	Max WS	TR200_TP01H	0.10	29.43	30.06		30.07	0.000531	0.30	0.34	1.44	0.13

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
BV5587	3	Max WS	TR200_TP03H	0.50	29.43	30.00		30.14	0.018182	1.67	0.30	1.41	0.75
BV5587	3	Max WS	TR200_TP06H	0.31	29.43	29.91		29.99	0.011022	1.22	0.25	1.37	0.59
BV5587	3	Max WS	TR030_TP06H	0.23	29.43	29.87		29.92	0.008130	1.01	0.23	1.34	0.51
BV5587	3	Max WS	TR030_TP03H	0.34	29.43	29.82		29.97	0.026217	1.72	0.20	1.32	0.92
BV5587	3	Max WS	TR030_TP01H	0.10	29.43	29.96		29.97	0.000894	0.36	0.28	1.39	0.17
BV5587	2.99			Lat Struct									
BV5587	2.98			Lat Struct									
BV5587	2.9167	Max WS	TR200_TP01H	0.02	29.32	30.03		30.03	0.000003	0.02	0.88	1.57	0.01
BV5587	2.9167	Max WS	TR200_TP03H	0.05	29.32	29.98		29.98	0.000019	0.06	0.82	1.47	0.03
BV5587	2.9167	Max WS	TR200_TP06H	0.29	29.32	29.90		29.91	0.001019	0.42	0.70	1.43	0.19
BV5587	2.9167	Max WS	TR030_TP06H	0.23	29.32	29.86		29.87	0.000775	0.35	0.64	1.40	0.17
BV5587	2.9167	Max WS	TR030_TP03H	0.35	29.32	29.71		29.74	0.005501	0.80	0.43	1.32	0.45
BV5587	2.9167	Max WS	TR030_TP01H	-0.01	29.32	29.94		29.94	0.000001	-0.01	0.75	1.45	0.01
BV5587	2.7500	Max WS	TR200_TP01H	-0.24	29.08	30.02		30.02	0.000125	-0.16	1.49	3.37	0.08
BV5587	2.7500	Max WS	TR200_TP03H	-0.10	29.08	29.96		29.96	0.000030	-0.08	1.31	3.07	0.04
BV5587	2.7500	Max WS	TR200_TP06H	0.28	29.08	29.90		29.90	0.000344	0.25	1.13	2.68	0.12
BV5587	2.7500	Max WS	TR030_TP06H	0.22	29.08	29.85		29.86	0.000281	0.21	1.02	2.41	0.10
BV5587	2.7500	Max WS	TR030_TP03H	0.10	29.08	29.68		29.68	0.000121	0.14	0.68	1.52	0.07
BV5587	2.7500	Max WS	TR030_TP01H	-0.07	29.08	29.95		29.95	0.000016	-0.06	1.27	2.98	0.03
BV5587	2.5000	Max WS	TR200_TP01H	-2.51	28.73	29.98		30.01	0.001608	-0.76	3.31	5.24	0.30
BV5587	2.5000	Max WS	TR200_TP03H	-1.69	28.73	29.93		29.95	0.000900	-0.55	3.07	5.11	0.23
BV5587	2.5000	Max WS	TR200_TP06H	-1.25	28.73	29.88		29.89	0.000632	-0.44	2.81	4.96	0.19
BV5587	2.5000	Max WS	TR030_TP06H	-0.74	28.73	29.84		29.85	0.000267	-0.28	2.62	4.85	0.12
BV5587	2.5000	Max WS	TR030_TP03H	0.09	28.73	29.67		29.67	0.000010	0.05	1.83	4.19	0.02
BV5587	2.5000	Max WS	TR030_TP01H	-1.73	28.73	29.90		29.92	0.001109	-0.60	2.90	5.01	0.25
BV5587	2.2500	Max WS	TR200_TP01H	-10.54	28.38	29.68		29.99	0.013213	-2.47	4.27	5.62	0.90
BV5587	2.2500	Max WS	TR200_TP03H	-10.19	28.38	29.63	29.62	29.96	0.015162	-2.55	3.99	5.62	0.97
BV5587	2.2500	Max WS	TR200_TP06H	-3.80	28.38	29.62		29.67	0.002200	-0.97	3.94	5.62	0.37
BV5587	2.2500	Max WS	TR030_TP06H	-4.79	28.38	29.63		29.71	0.003340	-1.20	3.99	5.62	0.45
BV5587	2.2500	Max WS	TR030_TP03H	-3.49	28.38	29.57		29.62	0.002307	-0.96	3.65	5.54	0.38
BV5587	2.2500	Max WS	TR030_TP01H	-8.60	28.38	29.61		29.86	0.011851	-2.22	3.87	5.62	0.86
BV5587	2	Max WS	TR200_TP01H	-17.98	28.02	29.67		29.99	0.008528	-2.52	7.13	5.99	0.74
BV5587	2	Max WS	TR200_TP03H	-16.92	28.02	29.59		29.92	0.009266	-2.54	6.65	5.99	0.77
BV5587	2	Max WS	TR200_TP06H	-15.16	28.02	29.49		29.81	0.009733	-2.50	6.07	5.99	0.79
BV5587	2	Max WS	TR030_TP06H	-13.88	28.02	29.36		29.71	0.012518	-2.64	5.26	5.99	0.90
BV5587	2	Max WS	TR030_TP03H	-8.26	28.02	29.24		29.41	0.006833	-1.81	4.56	5.99	0.66
BV5587	2	Max WS	TR030_TP01H	-16.70	28.02	29.56		29.90	0.009891	-2.59	6.45	5.99	0.80
BV5587	1.9286*	Max WS	TR200_TP01H	-18.99	28.00	29.65		30.01	0.009510	-2.65	7.17	6.09	0.78
BV5587	1.9286*	Max WS	TR200_TP03H	-17.62	28.00	29.58		29.93	0.009965	-2.63	6.70	6.09	0.80
BV5587	1.9286*	Max WS	TR200_TP06H	-15.60	28.00	29.50		29.82	0.009656	-2.50	6.24	6.09	0.79
BV5587	1.9286*	Max WS	TR030_TP06H	-14.07	28.00	29.37		29.71	0.011873	-2.59	5.43	6.09	0.88
BV5587	1.9286*	Max WS	TR030_TP03H	-11.51	28.00	29.23		29.55	0.013013	-2.49	4.62	6.09	0.91
BV5587	1.9286*	Max WS	TR030_TP01H	-17.22	28.00	29.55		29.90	0.010205	-2.63	6.55	6.09	0.81
BV5587	1.8571*	Max WS	TR200_TP01H	-19.39	27.98	29.65		30.01	0.009639	-2.66	7.28	6.19	0.78
BV5587	1.8571*	Max WS	TR200_TP03H	-18.00	27.98	29.57		29.93	0.010111	-2.64	6.81	6.19	0.80
BV5587	1.8571*	Max WS	TR200_TP06H	-16.06	27.98	29.50		29.83	0.009663	-2.51	6.40	6.19	0.79
BV5587	1.8571*	Max WS	TR030_TP06H	-14.48	27.98	29.38		29.72	0.011571	-2.58	5.62	6.19	0.86
BV5587	1.8571*	Max WS	TR030_TP03H	-11.82	27.98	29.24		29.55	0.012761	-2.48	4.76	6.19	0.90
BV5587	1.8571*	Max WS	TR030_TP01H	-17.69	27.98	29.55		29.91	0.010443	-2.66	6.65	6.19	0.82
BV5587	1.7857*	Max WS	TR200_TP01H	-20.76	27.96	29.67		30.05	0.009938	-2.74	7.59	6.29	0.79
BV5587	1.7857*	Max WS	TR200_TP03H	-18.37	27.96	29.59		29.93	0.009559	-2.60	7.08	6.29	0.78
BV5587	1.7857*	Max WS	TR200_TP06H	-16.85	27.96	29.53		29.85	0.009568	-2.52	6.67	6.29	0.78
BV5587	1.7857*	Max WS	TR030_TP06H	-14.84	27.96	29.41		29.73	0.010524	-2.50	5.94	6.29	0.82
BV5587	1.7857*	Max WS	TR030_TP03H	-12.13	27.96	29.29		29.57	0.010415	-2.33	5.21	6.29	0.82
BV5587	1.7857*	Max WS	TR030_TP01H	-18.05	27.96	29.56		29.91	0.009886	-2.61	6.91	6.29	0.79
BV5587	1.7143*	Max WS	TR200_TP01H	-20.97	27.94	29.72		30.07	0.008642	-2.60	8.06	6.38	0.74
BV5587	1.7143*	Max WS	TR200_TP03H	-18.47	27.94	29.63		29.94	0.008412	-2.48	7.46	6.38	0.73
BV5587	1.7143*	Max WS	TR200_TP06H	-17.17	27.94	29.56		29.86	0.008712	-2.45	7.02	6.38	0.74
BV5587	1.7143*	Max WS	TR030_TP06H	-15.13	27.94	29.45		29.74	0.009379	-2.41	6.29	6.38	0.77
BV5587	1.7143*	Max WS	TR030_TP03H	-12.25	27.94	29.38		29.60	0.007665	-2.10	5.85	6.38	0.70
BV5587	1.7143*	Max WS	TR030_TP01H	-18.58	27.94	29.60		29.93	0.009227	-2.56	7.26	6.38	0.77
BV5587	1.6429*	Max WS	TR200_TP01H	-21.24	27.92	29.75		30.08	0.008005	-2.53	8.40	6.48	0.71
BV5587	1.6429*	Max WS	TR200_TP03H	-18.79	27.92	29.65		29.95	0.007974	-2.43	7.73	6.48	0.71
BV5587	1.6429*	Max WS	TR200_TP06H	-17.57	27.92	29.58		29.87	0.008364	-2.42	7.27	6.48	0.73
BV5587	1.6429*	Max WS	TR030_TP06H	-15.50	27.92	29.46		29.75	0.009088	-2.38	6.50	6.48	0.76
BV5587	1.6429*	Max WS	TR030_TP03H	-12.26	27.92	29.42		29.62	0.006343	-1.96	6.27	6.48	0.63
BV5587	1.6429*	Max WS	TR030_TP01H	-18.94	27.92	29.61		29.94	0.008898	-2.53	7.49	6.48	0.75
BV5587	1.5714*	Max WS	TR200_TP01H	-22.86	27.91	29.58		30.06	0.013459	-3.07	7.44	6.58	0.92
BV5587	1.5714*	Max WS	TR200_TP03H	-20.68	27.91	29.50		29.96	0.013776	-2.99	6.90	6.58	0.93
BV5587	1.5714*	Max WS	TR200_TP06H	-18.60	27.91	29.48		29.86	0.011743	-2.74	6.79	6.58	0.86
BV5587	1.5714*	Max WS	TR030_TP06H	-16.34	27.91	29.37		29.74	0.012584	-2.69	6.08	6.58	0.89
BV5587	1.5714*	Max WS	TR030_TP03H	-13.53	27.91	29.29		29.59	0.011740	-2.46	5.50	6.58	0.86
BV5587	1.5714*	Max WS	TR030_TP01H	-20.48	27.91	29.48	29.45	29.95	0.014331	-3.03	6.77	6.58	0.95
BV5587	1.5000*	Max WS	TR200_TP01H	-24.10	27.88	29.57	29.54	30.09	0.014778	-3.21	7.52	6.68	0.96
BV5587	1.5000*	Max WS	TR200_TP03H	-21.47	27.88	29.49	29.46	29.97	0.014575	-3.07	6.99	6.68	0.96
BV5587	1.5000*	Max WS	TR200_TP06H	-19.91	27.88	29.43	29.41	29.90	0.015012	-3.02	6.58	6.68	0.97
BV5587	1.5000*	Max WS	TR030_TP06H	-17.47	27.88	29.35	29.33	29.78	0.014947	-2.89	6.05	6.68	0.97
BV5587	1.5000*	Max WS	TR030_TP03H	-14.43	27.88	29.26	29.23	29.62	0.014275	-2.66	5.42	6.68	0.95
BV5587	1.5000*	Max WS	TR030_TP01H	-21.28	27.88	29.48	29.46	29.96	0.014897	-3.08	6.90	6.68	0.97
BV5587	1.4286*	Max WS	TR200_TP01H	-24.45	27.87	29.59		30.09	0.013994	-3.14	7.78	6.78	0.94
BV5587	1.4286*	Max WS	TR200_TP03H	-21.92	27.87	29.52		29.98	0.013615	-3.00	7.30	6.78	0.92
BV5587	1.4286*	Max WS	TR200_TP06H	-20.12	27.87	29.44	29.40	29.89	0.014165	-2.96	6.80	6.78	0.94
BV5587	1.4286*	Max WS	TR030_TP06H	-18.13	27.87	29.36	29.34	29.79	0.014974	-2.91	6.24	6.78	0.97

HEC-RAS River: BV5587 Reach: BV5587 Profile: Max WS (Continued)

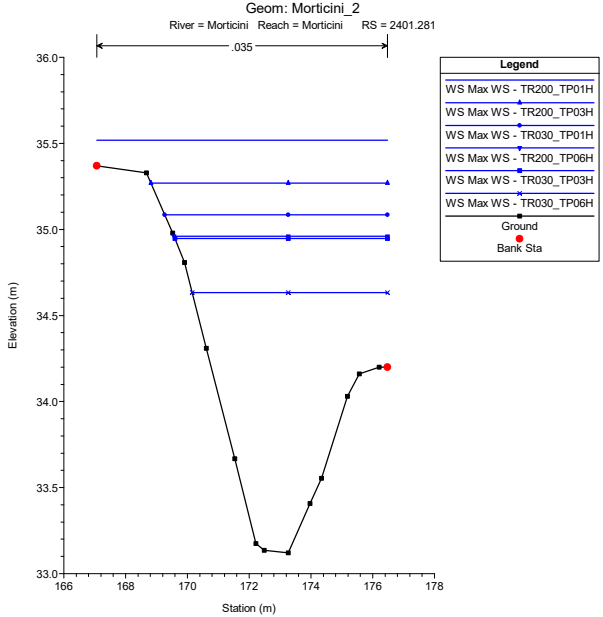
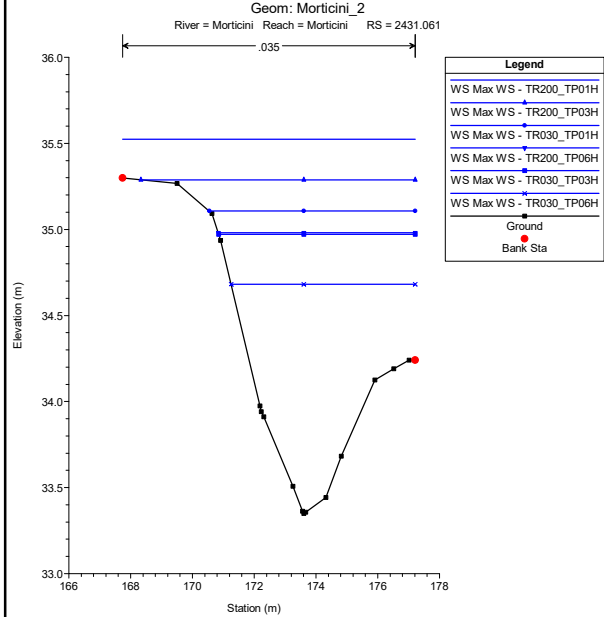
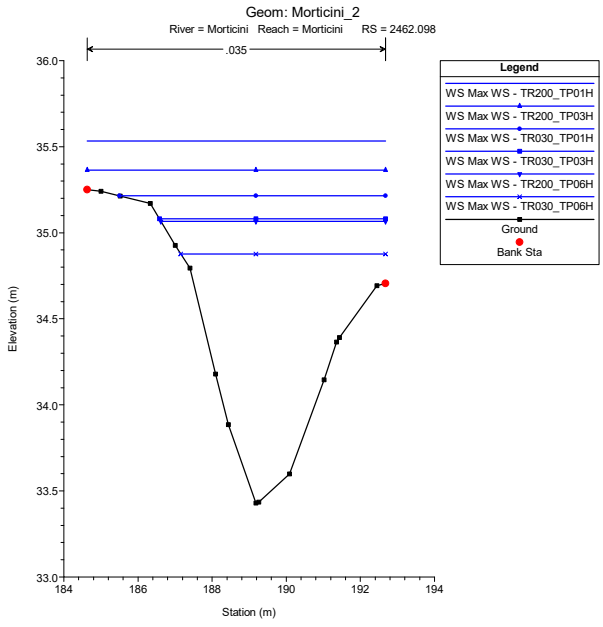
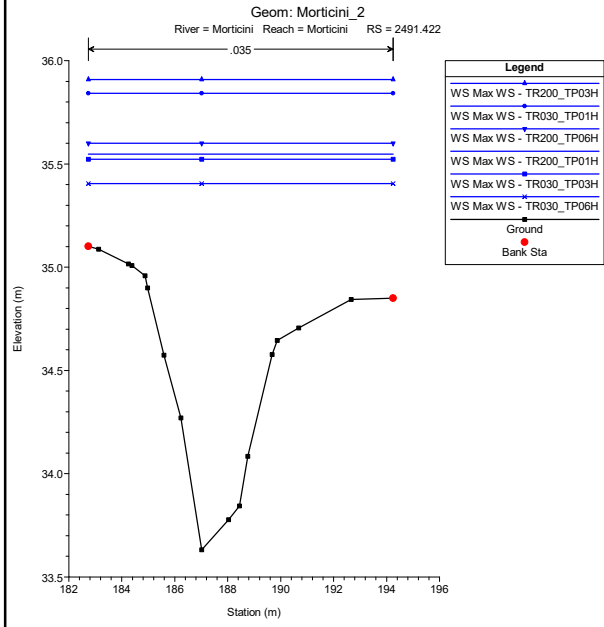
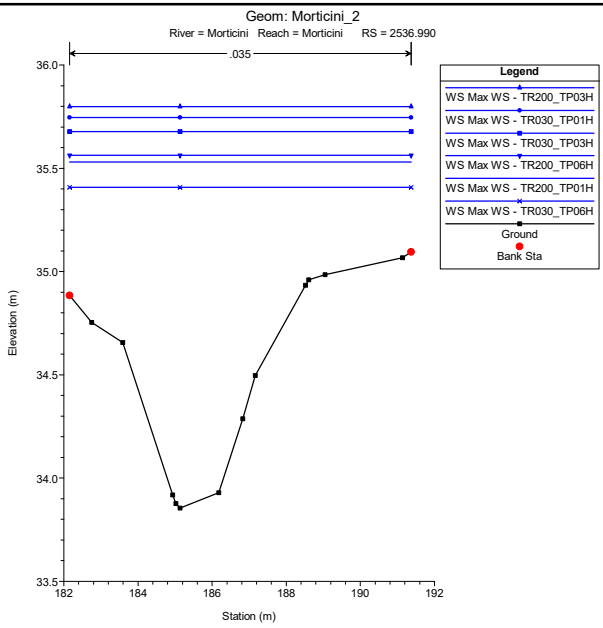
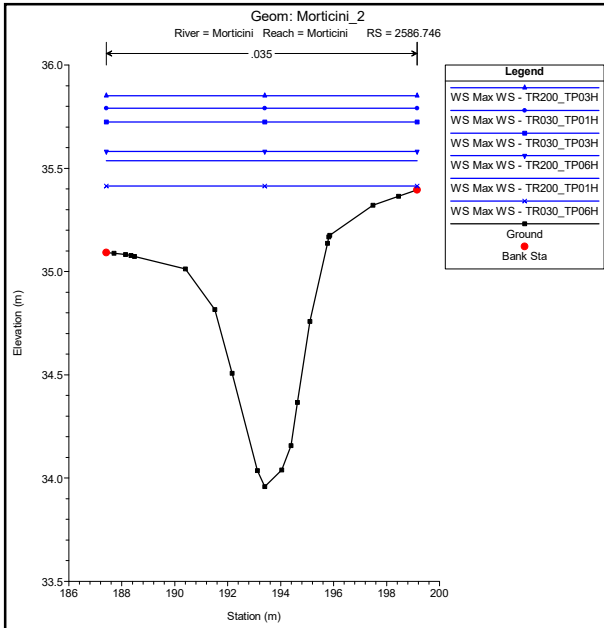
Reach	River Sta	Profile	Plan	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
BV5587	1.4286*	Max WS	TR030_TP03H	-15.90	27.87	29.29	29.27	29.68	0.014923	-2.78	5.73	6.78	0.96
BV5587	1.4286*	Max WS	TR030_TP01H	-22.21	27.87	29.50	29.47	29.99	0.014520	-3.08	7.20	6.78	0.95
BV5587	1.3571*	Max WS	TR200_TP01H	-25.33	27.85	29.61		30.11	0.013704	-3.14	8.07	6.88	0.93
BV5587	1.3571*	Max WS	TR200_TP03H	-22.95	27.85	29.54		30.01	0.013336	-3.01	7.62	6.88	0.91
BV5587	1.3571*	Max WS	TR200_TP06H	-20.74	27.85	29.48		29.90	0.013136	-2.90	7.16	6.88	0.91
BV5587	1.3571*	Max WS	TR030_TP06H	-18.33	27.85	29.38		29.79	0.013763	-2.82	6.50	6.88	0.93
BV5587	1.3571*	Max WS	TR030_TP03H	-17.17	27.85	29.31	29.30	29.73	0.015045	-2.84	6.05	6.88	0.97
BV5587	1.3571*	Max WS	TR030_TP01H	-22.61	27.85	29.53		29.99	0.013539	-3.01	7.51	6.88	0.92
BV5587	1.2857*	Max WS	TR200_TP01H	-26.38	27.83	29.65		30.14	0.013052	-3.11	8.48	6.98	0.90
BV5587	1.2857*	Max WS	TR200_TP03H	-23.73	27.83	29.57		30.02	0.012772	-2.98	7.96	6.98	0.89
BV5587	1.2857*	Max WS	TR200_TP06H	-21.28	27.83	29.52		29.92	0.011821	-2.80	7.59	6.98	0.86
BV5587	1.2857*	Max WS	TR030_TP06H	-18.76	27.83	29.41		29.80	0.012456	-2.73	6.87	6.98	0.88
BV5587	1.2857*	Max WS	TR030_TP03H	-18.11	27.83	29.34	29.31	29.76	0.014771	-2.86	6.34	6.98	0.96
BV5587	1.2857*	Max WS	TR030_TP01H	-23.43	27.83	29.56		30.01	0.012858	-2.98	7.87	6.98	0.89
BV5587	1.2143*	Max WS	TR200_TP01H	-26.72	27.81	29.72		30.15	0.010930	-2.93	9.13	7.07	0.82
BV5587	1.2143*	Max WS	TR200_TP03H	-24.85	27.81	29.63		30.06	0.011613	-2.92	8.52	7.07	0.85
BV5587	1.2143*	Max WS	TR200_TP06H	-21.65	27.81	29.56		29.93	0.010531	-2.70	8.03	7.07	0.81
BV5587	1.2143*	Max WS	TR030_TP06H	-19.13	27.81	29.45		29.81	0.011129	-2.63	7.26	7.07	0.83
BV5587	1.2143*	Max WS	TR030_TP03H	-18.70	27.81	29.37		29.77	0.013825	-2.81	6.66	7.07	0.92
BV5587	1.2143*	Max WS	TR030_TP01H	-23.83	27.81	29.61		30.02	0.011263	-2.85	8.37	7.07	0.84
BV5587	1.1429*	Max WS	TR200_TP01H	-27.87	27.79	29.63		30.16	0.014203	-3.22	8.65	7.17	0.94
BV5587	1.1429*	Max WS	TR200_TP03H	-26.04	27.79	29.57		30.08	0.014263	-3.15	8.26	7.17	0.94
BV5587	1.1429*	Max WS	TR200_TP06H	-22.32	27.79	29.54		29.93	0.011423	-2.78	8.02	7.17	0.84
BV5587	1.1429*	Max WS	TR030_TP06H	-20.05	27.79	29.44		29.82	0.012061	-2.73	7.34	7.17	0.86
BV5587	1.1429*	Max WS	TR030_TP03H	-19.69	27.79	29.37	29.34	29.80	0.014733	-2.90	6.79	7.17	0.95
BV5587	1.1429*	Max WS	TR030_TP01H	-24.50	27.79	29.55		30.02	0.013290	-3.02	8.12	7.17	0.91
BV5587	1.0714*	Max WS	TR200_TP01H	-31.98	27.77	29.66	29.67	30.30	0.016744	-3.54	9.03	7.27	1.01
BV5587	1.0714*	Max WS	TR200_TP03H	-27.37	27.77	29.57	29.54	30.11	0.015323	-3.26	8.39	7.27	0.97
BV5587	1.0714*	Max WS	TR200_TP06H	-20.29	27.77	29.49		29.83	0.010443	-2.60	7.81	7.27	0.80
BV5587	1.0714*	Max WS	TR030_TP06H	-22.36	27.77	29.40	29.40	29.90	0.016677	-3.13	7.14	7.27	1.01
BV5587	1.0714*	Max WS	TR030_TP03H	-20.64	27.77	29.39	29.35	29.82	0.014607	-2.92	7.07	7.27	0.95
BV5587	1.0714*	Max WS	TR030_TP01H	-26.92	27.77	29.55	29.53	30.09	0.015631	-3.27	8.24	7.27	0.98
BV5587	1	Max WS	TR200_TP01H	-36.50	27.75	29.72	29.77	30.45	0.018211	-3.78	9.65	7.37	1.06
BV5587	1	Max WS	TR200_TP03H	-30.59	27.75	29.62	29.62	30.22	0.016291	-3.44	8.90	7.37	1.00
BV5587	1	Max WS	TR200_TP06H	-22.25	27.75	29.52		29.90	0.011136	-2.72	8.17	7.37	0.83
BV5587	1	Max WS	TR030_TP06H	-22.59	27.75	29.42	29.40	29.89	0.015293	-3.04	7.44	7.37	0.97
BV5587	1	Max WS	TR030_TP03H	-23.30	27.75	29.43	29.42	29.92	0.015579	-3.09	7.54	7.37	0.97
BV5587	1	Max WS	TR030_TP01H	-29.84	27.75	29.59	29.60	30.19	0.016400	-3.42	8.74	7.37	1.00
BV5587	0.91667*	Max WS	TR200_TP01H	-41.65	27.71	29.76	29.88	30.66	0.021334	-4.21	9.89	7.06	1.14
BV5587	0.91667*	Max WS	TR200_TP03H	-34.59	27.71	29.65	29.71	30.38	0.018602	-3.79	9.13	7.06	1.06
BV5587	0.91667*	Max WS	TR200_TP06H	-24.50	27.71	29.54		29.98	0.012241	-2.94	8.34	7.06	0.86
BV5587	0.91667*	Max WS	TR030_TP06H	-23.39	27.71	29.44	29.40	29.92	0.014646	-3.07	7.62	7.06	0.94
BV5587	0.91667*	Max WS	TR030_TP03H	-26.68	27.71	29.47	29.49	30.06	0.017601	-3.41	7.82	7.06	1.04
BV5587	0.91667*	Max WS	TR030_TP01H	-33.28	27.71	29.63	29.67	30.33	0.018133	-3.71	8.98	7.06	1.05
BV5587	0.83333*	Max WS	TR200_TP01H	-47.25	27.68	29.80	30.02	30.92	0.024932	-4.68	10.11	6.75	1.22
BV5587	0.83333*	Max WS	TR200_TP03H	-38.61	27.68	29.69	29.80	30.56	0.020959	-4.13	9.34	6.75	1.12
BV5587	0.83333*	Max WS	TR200_TP06H	-26.87	27.68	29.56		30.08	0.013535	-3.17	8.47	6.75	0.90
BV5587	0.83333*	Max WS	TR030_TP06H	-23.21	27.68	29.44		29.91	0.013834	-3.04	7.62	6.75	0.91
BV5587	0.83333*	Max WS	TR030_TP03H	-30.37	27.68	29.50	29.58	30.22	0.019959	-3.76	8.07	6.75	1.10
BV5587	0.83333*	Max WS	TR030_TP01H	-37.02	27.68	29.67	29.76	30.50	0.020272	-4.03	9.18	6.75	1.10
BV5587	0.75000*	Max WS	TR200_TP01H	-61.01	27.65	29.87	30.35	31.63	0.037586	-5.89	10.36	6.43	1.48
BV5587	0.75000*	Max WS	TR200_TP03H	-48.59	27.65	29.74	30.06	31.06	0.030106	-5.08	9.56	6.43	1.33
BV5587	0.75000*	Max WS	TR200_TP06H	-32.96	27.65	29.59	29.65	30.34	0.018839	-3.83	8.60	6.43	1.06
BV5587	0.75000*	Max WS	TR030_TP06H	-27.45	27.65	29.47	29.49	30.10	0.017498	-3.52	7.79	6.43	1.02
BV5587	0.75000*	Max WS	TR030_TP03H	-38.47	27.65	29.55	29.80	30.64	0.028230	-4.62	8.33	6.43	1.30
BV5587	0.75000*	Max WS	TR030_TP01H	-46.40	27.65	29.72	30.00	30.96	0.028861	-4.94	9.40	6.43	1.31
BV5587	0.66667*	Max WS	TR200_TP01H	-80.82	27.61	29.96	30.82	32.85	0.058117	-7.52	10.74	6.12	1.81
BV5587	0.66667*	Max WS	TR200_TP03H	-62.89	27.61	29.82	30.41	31.90	0.045028	-6.38	9.85	6.12	1.61
BV5587	0.66667*	Max WS	TR200_TP06H	-41.69	27.61	29.64	29.89	30.79	0.027727	-4.76	8.76	6.12	1.27
BV5587	0.66667*	Max WS	TR030_TP06H	-34.15	27.61	29.51	29.68	30.45	0.024516	-4.29	7.97	6.12	1.20
BV5587	0.66667*	Max WS	TR030_TP03H	-49.72	27.61	29.62	30.10	31.31	0.041012	-5.75	8.64	6.12	1.55
BV5587	0.66667*	Max WS	TR030_TP01H	-60.08	27.61	29.79	30.35	31.75	0.043250	-6.21	9.68	6.12	1.58
BV5587	0.58333*	Max WS	TR200_TP01H	-109.67	27.58	30.11	31.47	34.88	0.090331	-9.68	11.33	5.81	2.21
BV5587	0.58333*	Max WS	TR200_TP03H	-83.43	27.58	29.93	30.92	33.28	0.068583	-8.11	10.29	5.81	1.95
BV5587	0.58333*	Max WS	TR200_TP06H	-55.51	27.58	29.71	30.26	31.65	0.044290	-6.16	9.01	5.81	1.58
BV5587	0.58333*	Max WS	TR030_TP06H	-42.73	27.58	29.57	29.93	30.96	0.034545	-5.22	8.18	5.81	1.41
BV5587	0.58333*	Max WS	TR030_TP03H	-66.24	27.58	29.72	30.53	32.44	0.061741	-7.30	9.07	5.81	1.87
BV5587	0.58333*	Max WS	TR030_TP01H	-79.44	27.58	29.90	30.83	33.05	0.065579	-7.87	10.09	5.81	1.91
BV5587	0.5	Max WS	TR200_TP01H	-144.56	27.55	30.59	32.25	36.34	0.094428	-10.62	13.61	5.50	2.16
BV5587	0.5	Max WS	TR200_TP03H	-108.24	27.55	30.30	31.52	34.44	0.074221	-9.01	12.01	5.50	1.95
BV5587	0.5	Max WS	TR200_TP06H	-70.29	27.55	29.96	30.67	32.41	0.049892	-6.93	10.14	5.50	1.63
BV5587	0.5	Max WS	TR030_TP06H	-53.40	27.55	29.75	30.24	31.55	0.040414	-5.94	8.99	5.50	1.48
BV5587	0.5	Max WS	TR030_TP03H	-84.97	27.55	30.03	31.01	33.35	0.065728	-8.07	10.53	5.50	1.86
BV5587	0.5	Max WS	TR030_TP01H	-102.61	27.55	30.25	31.40	34.15	0.071054	-8.74	11.74	5.50	1.91

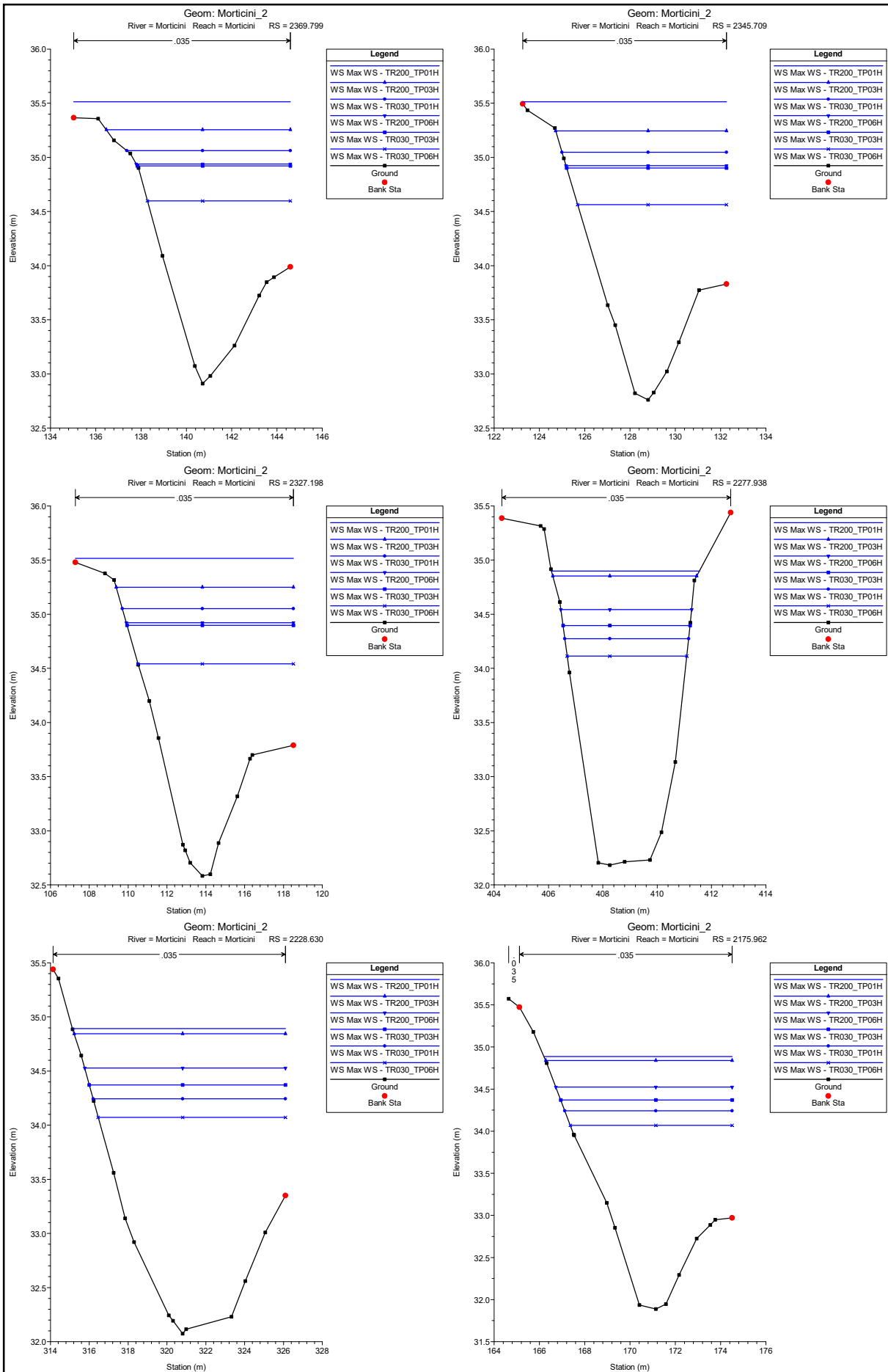
Geom: Morticini_2

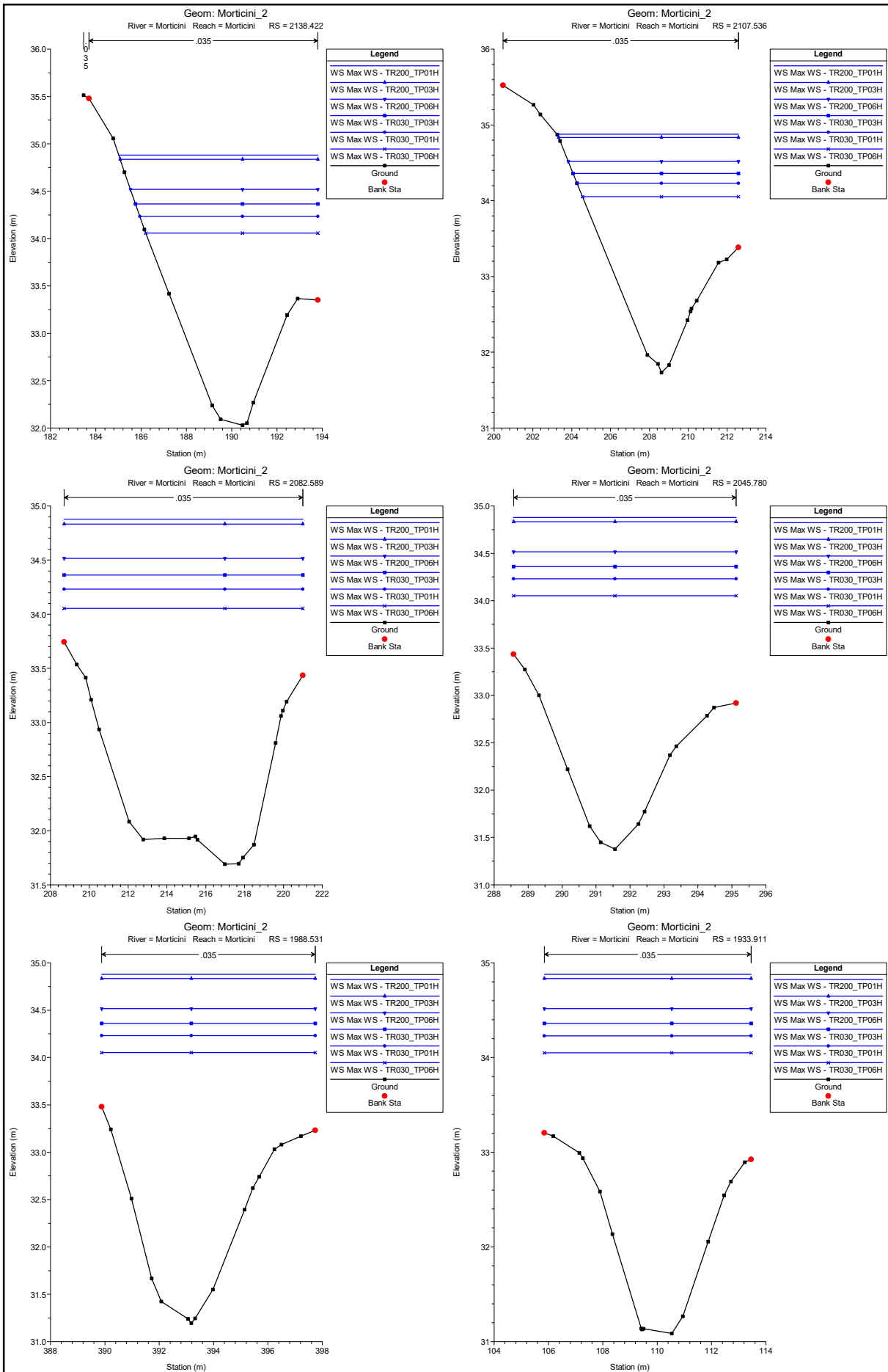


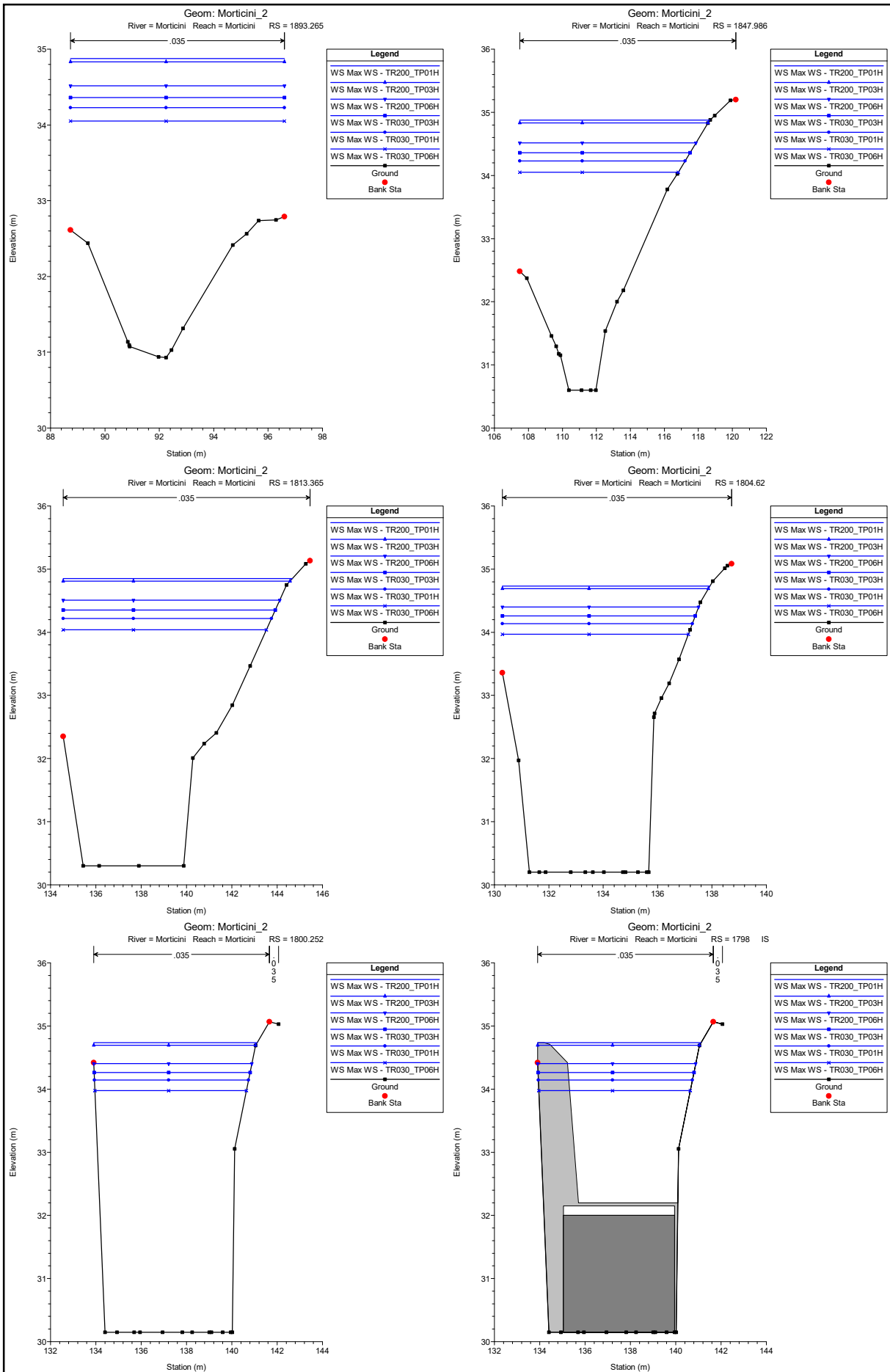
Legend

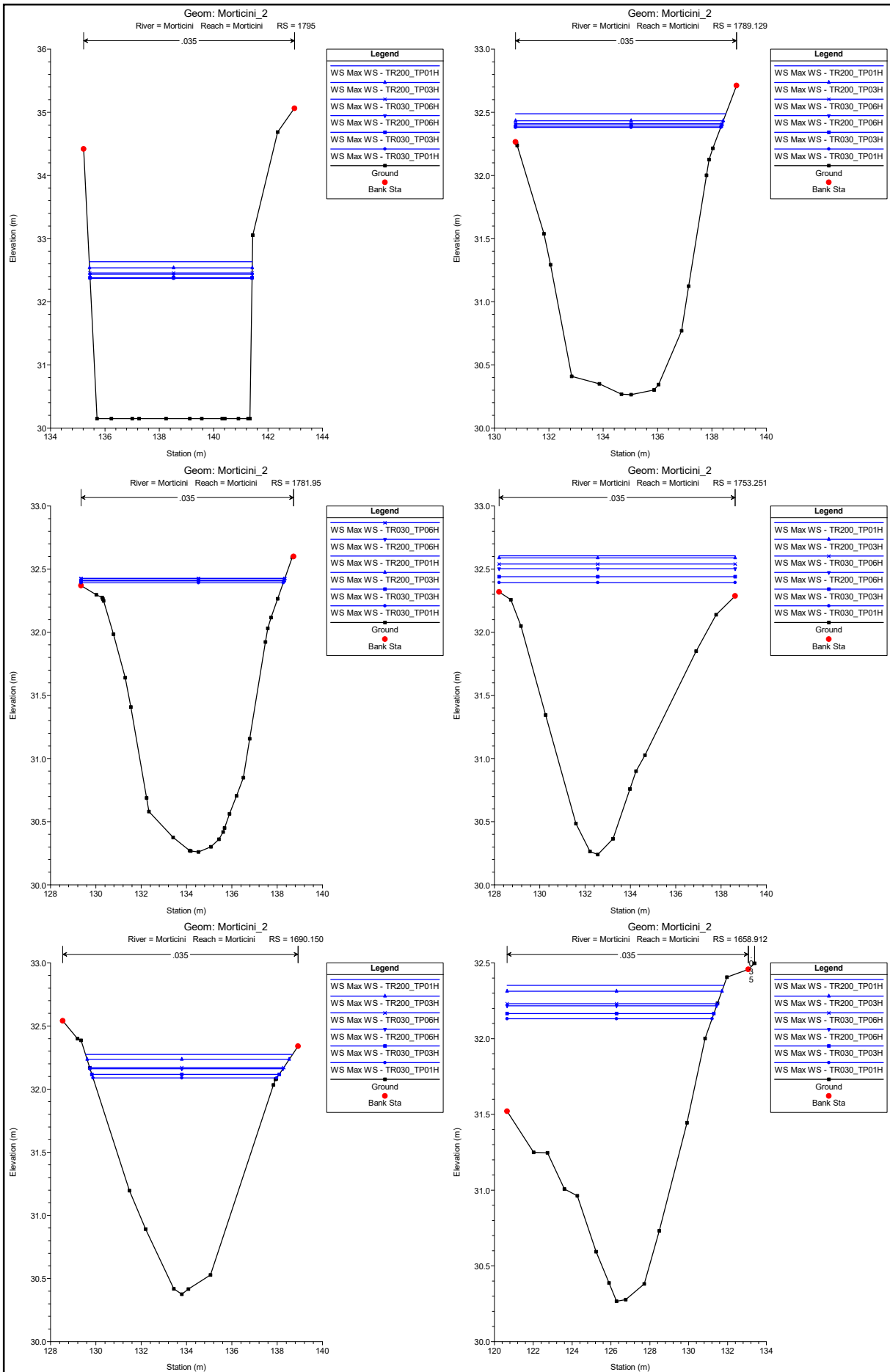
- WS Max WS - TR200_TP03H
- WS Max WS - TR200_TP06H
- WS Max WS - TR200_TP01H
- WS Max WS - TR030_TP06H
- WS Max WS - TR030_TP03H
- WS Max WS - TR030_TP01H
- Ground
- LOB
- ROB

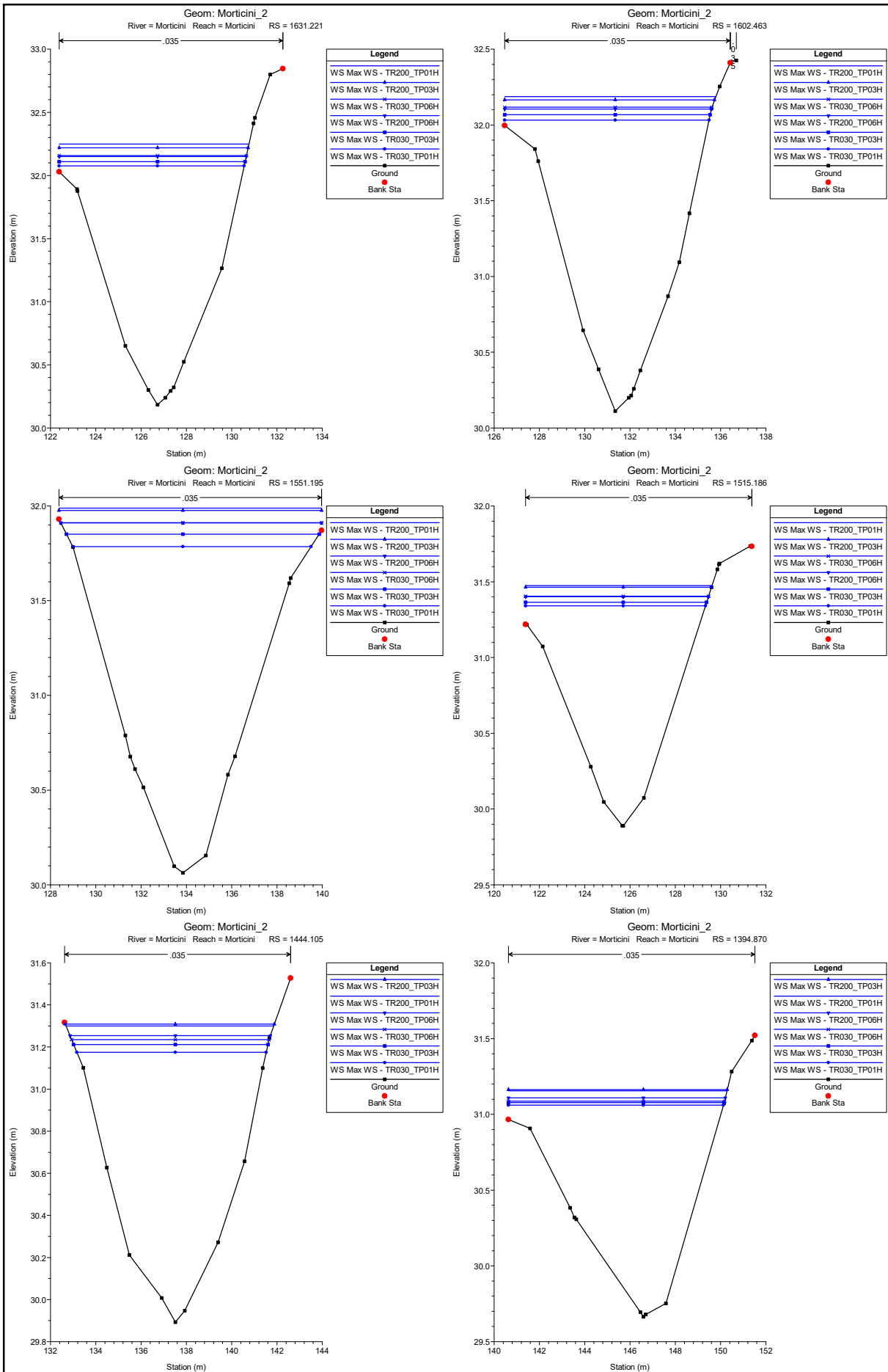


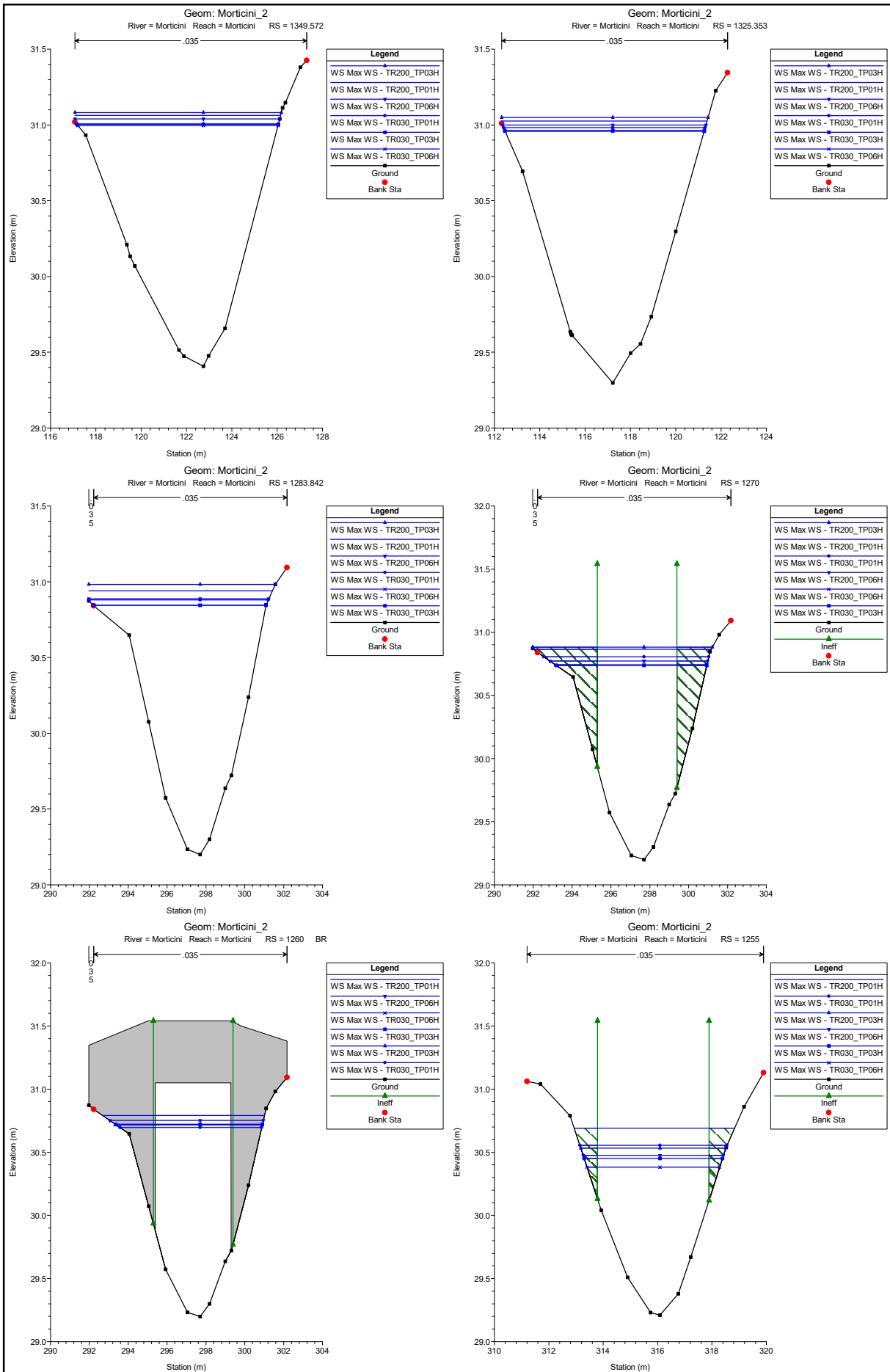


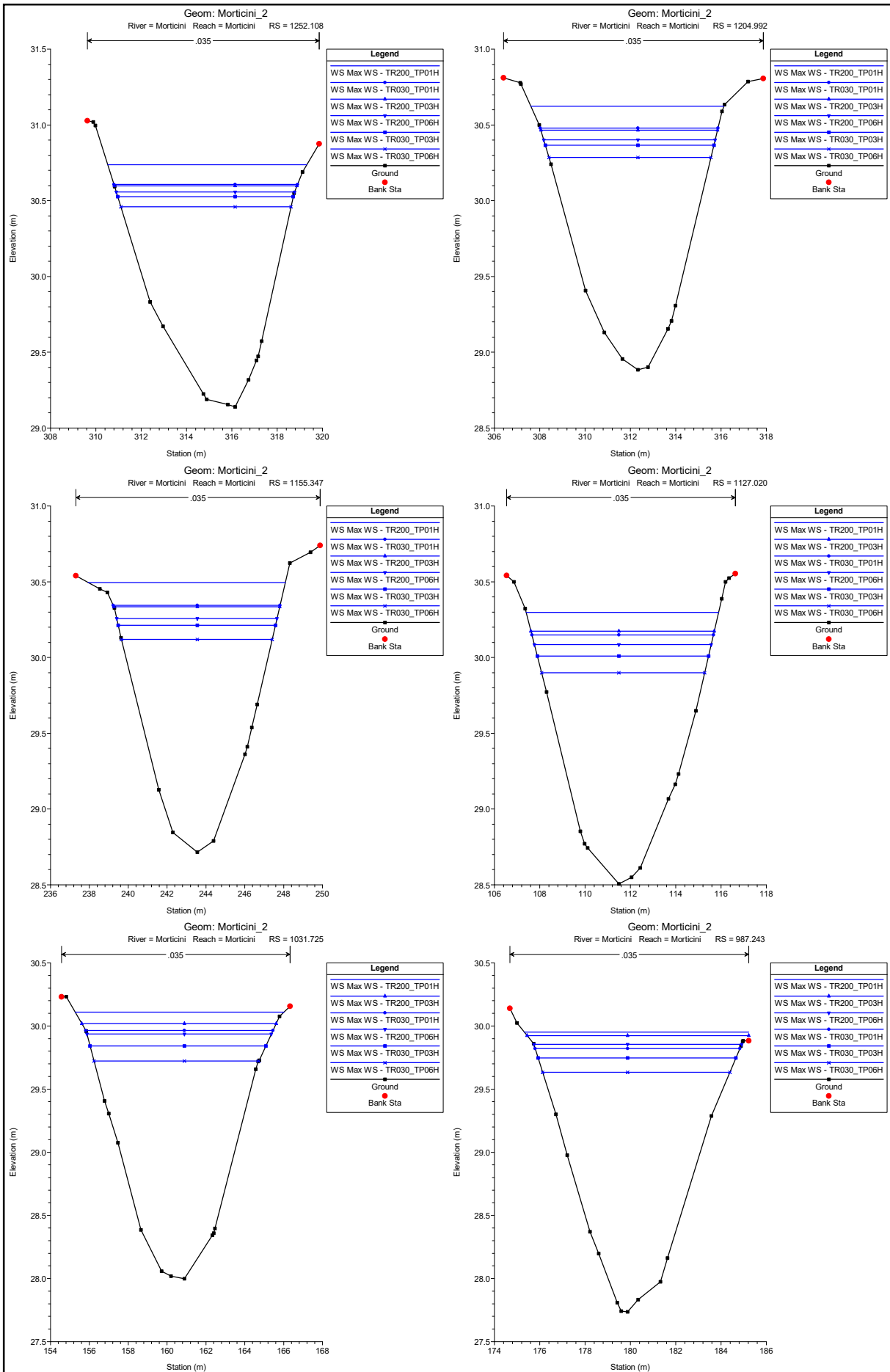


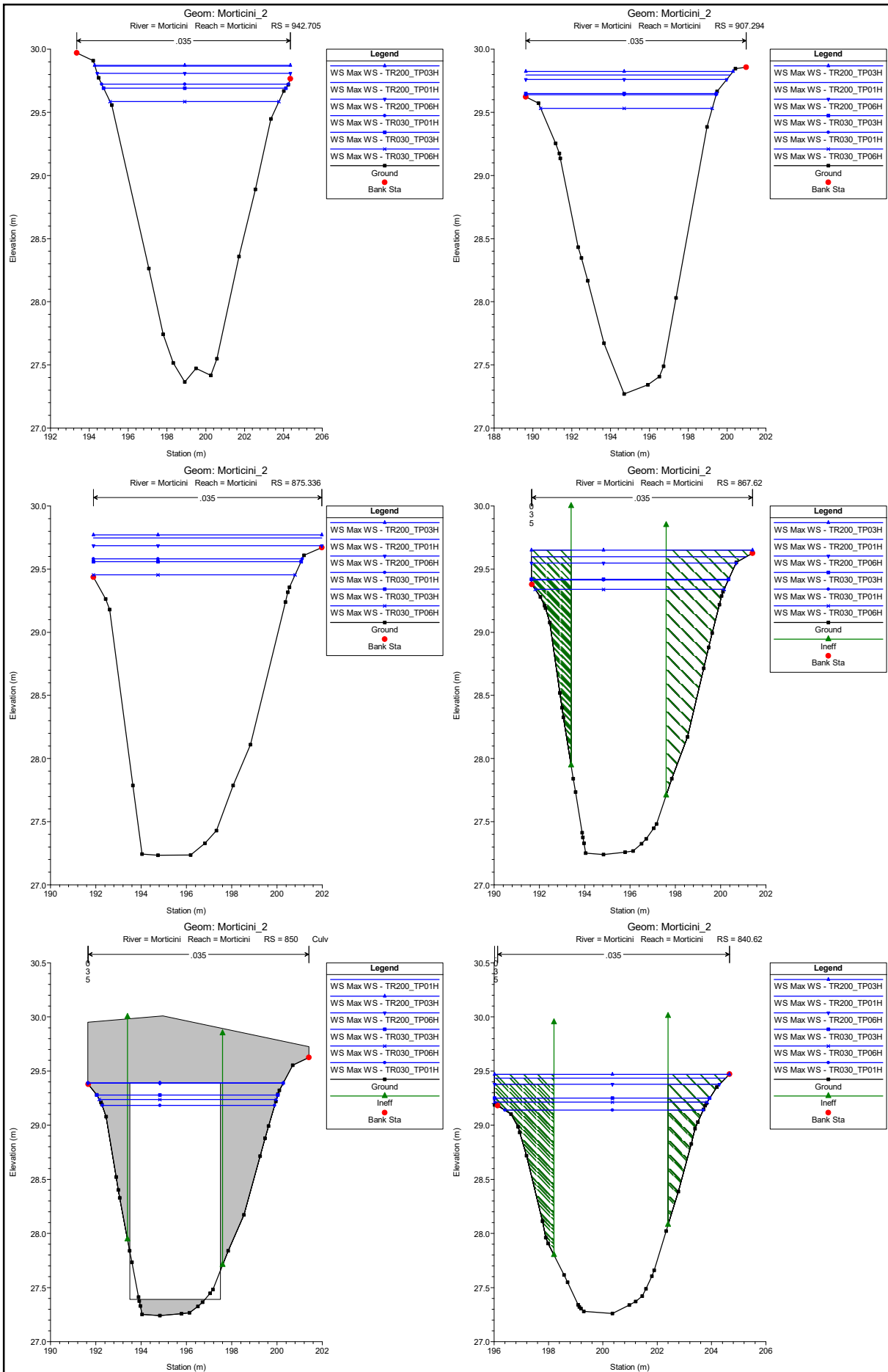


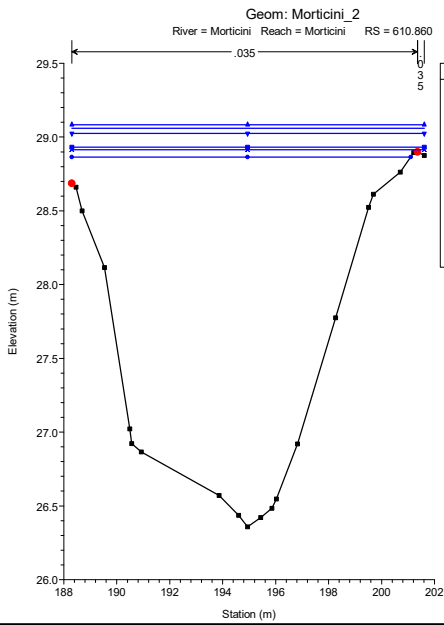
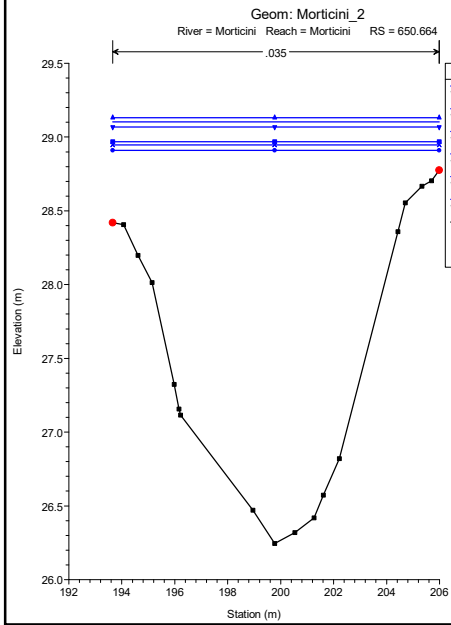
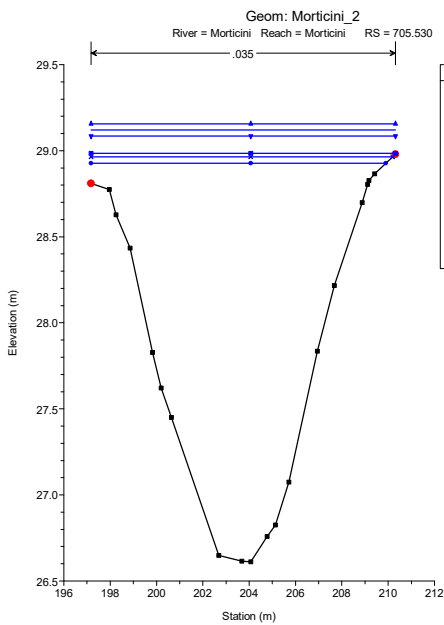
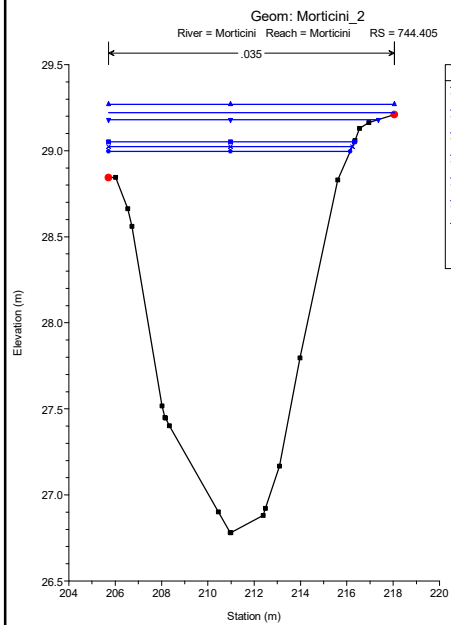
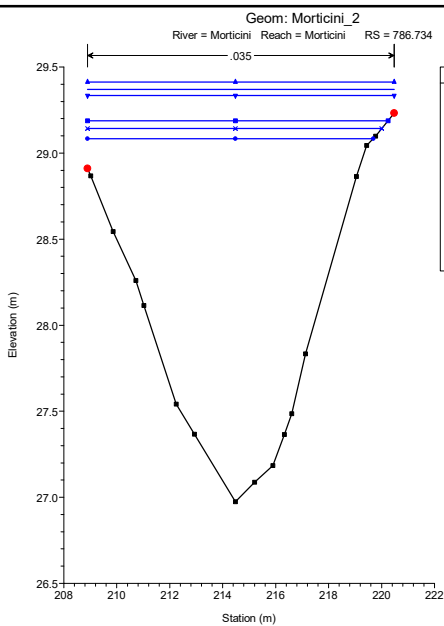
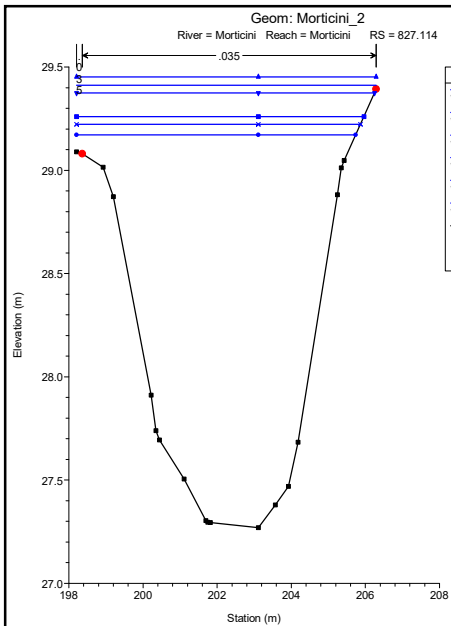


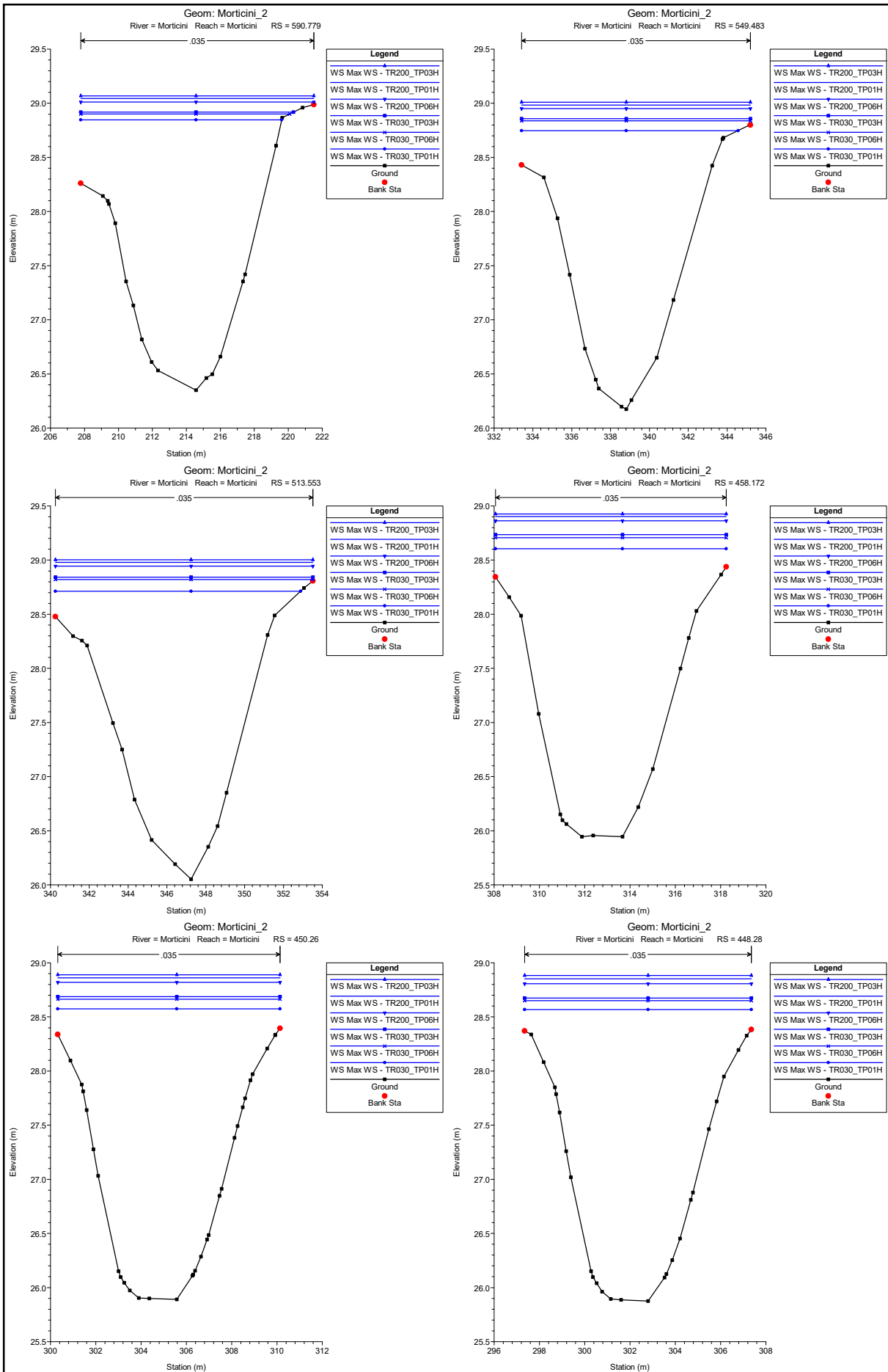


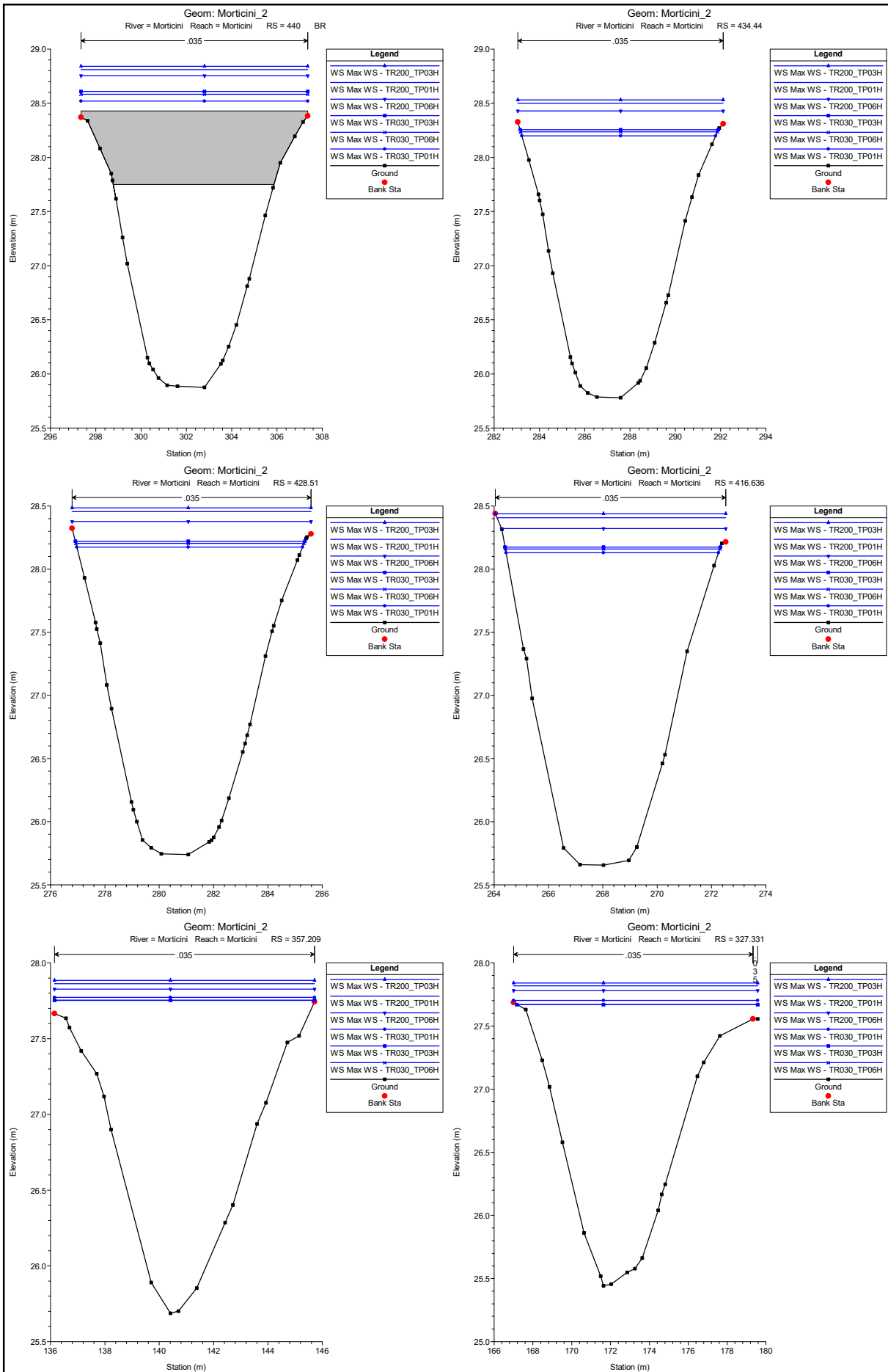


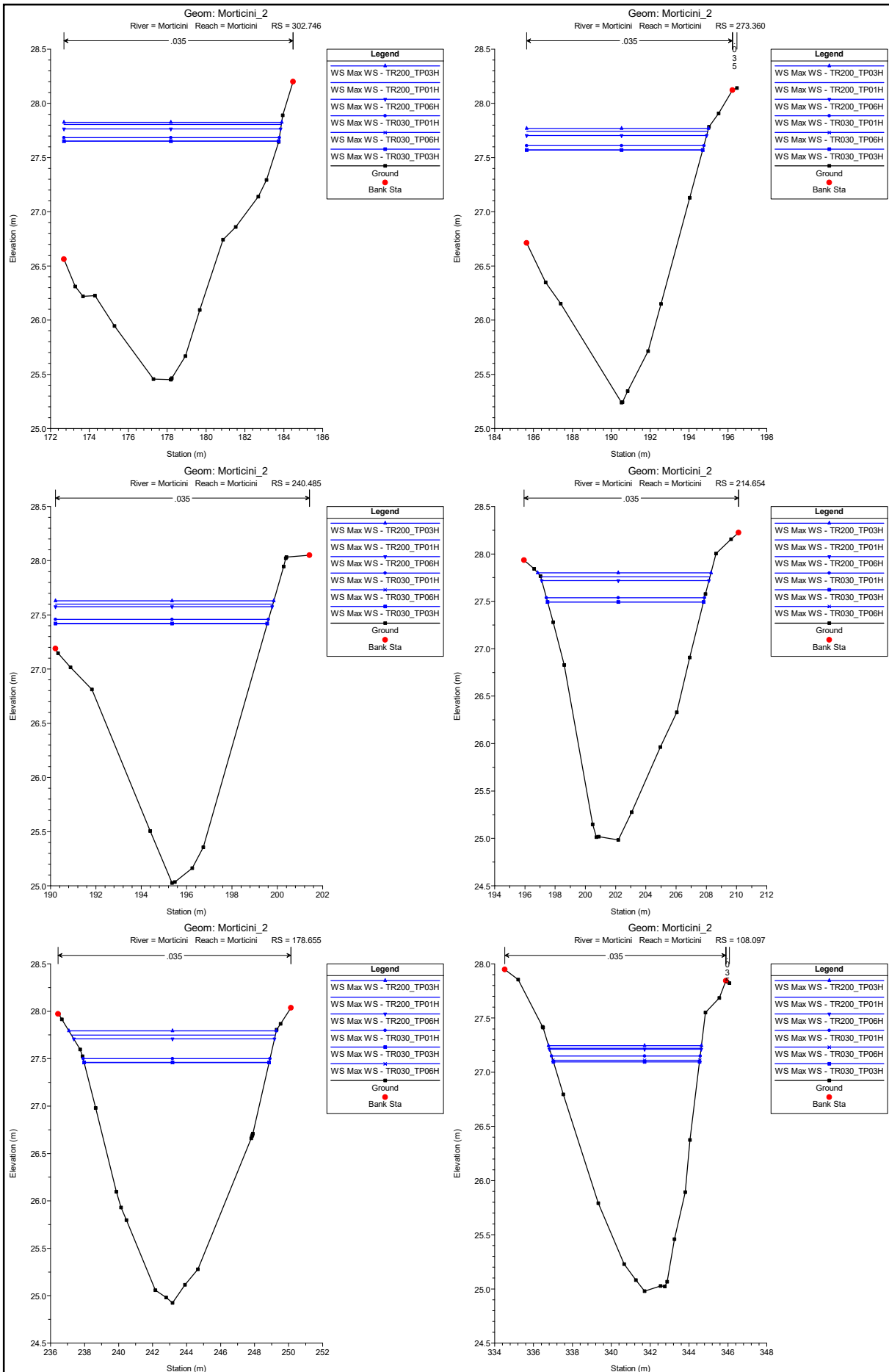


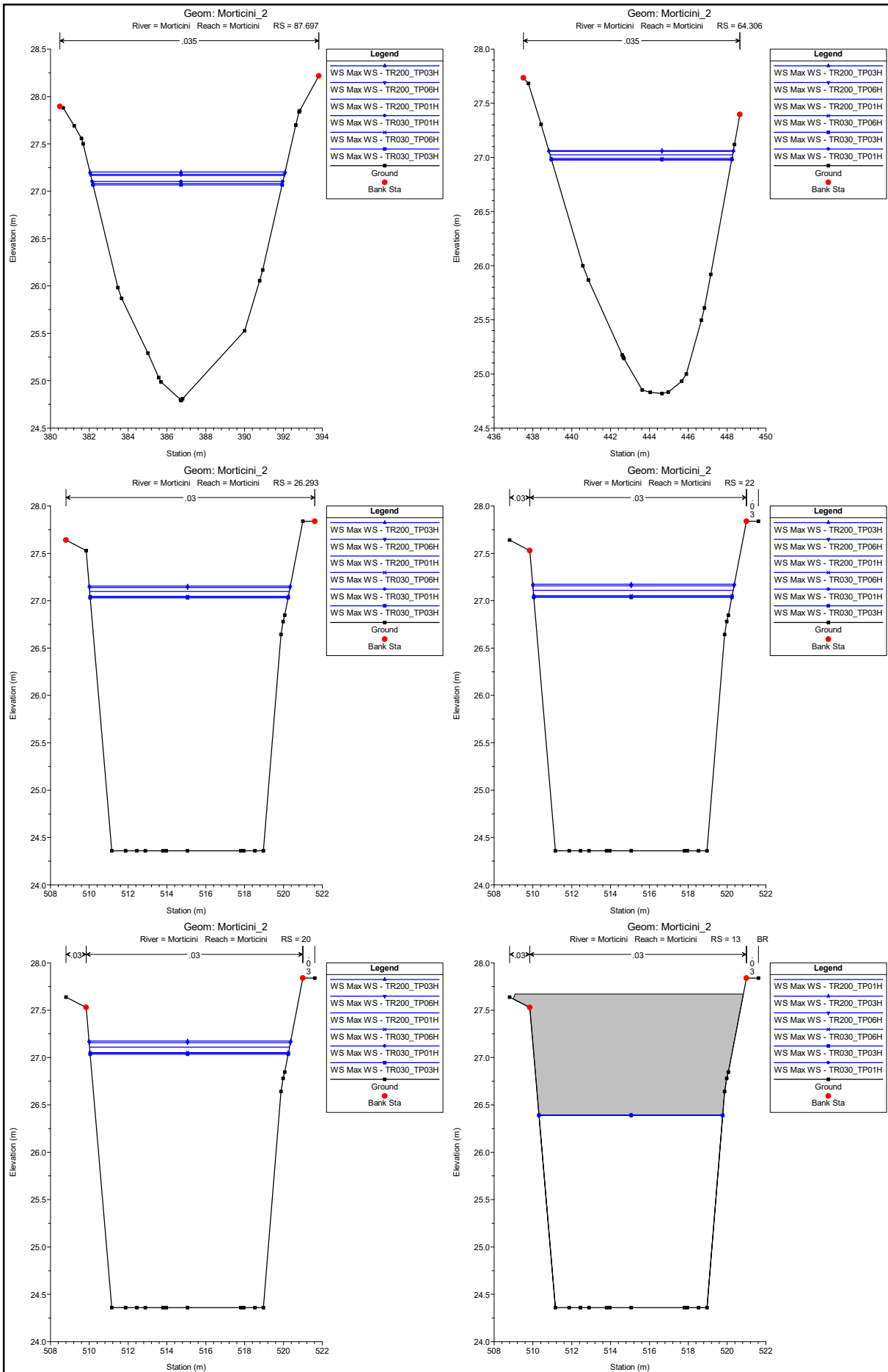


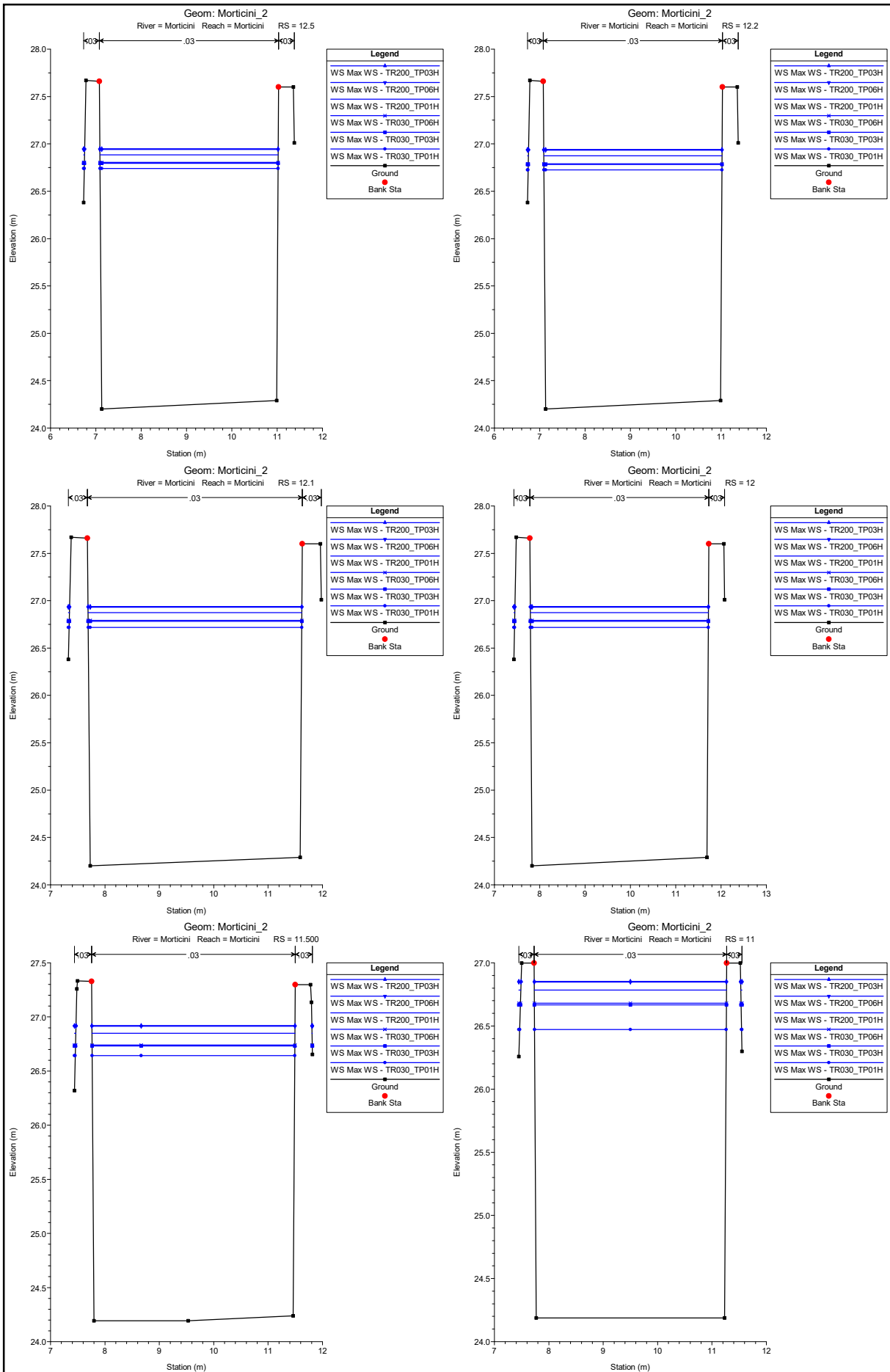


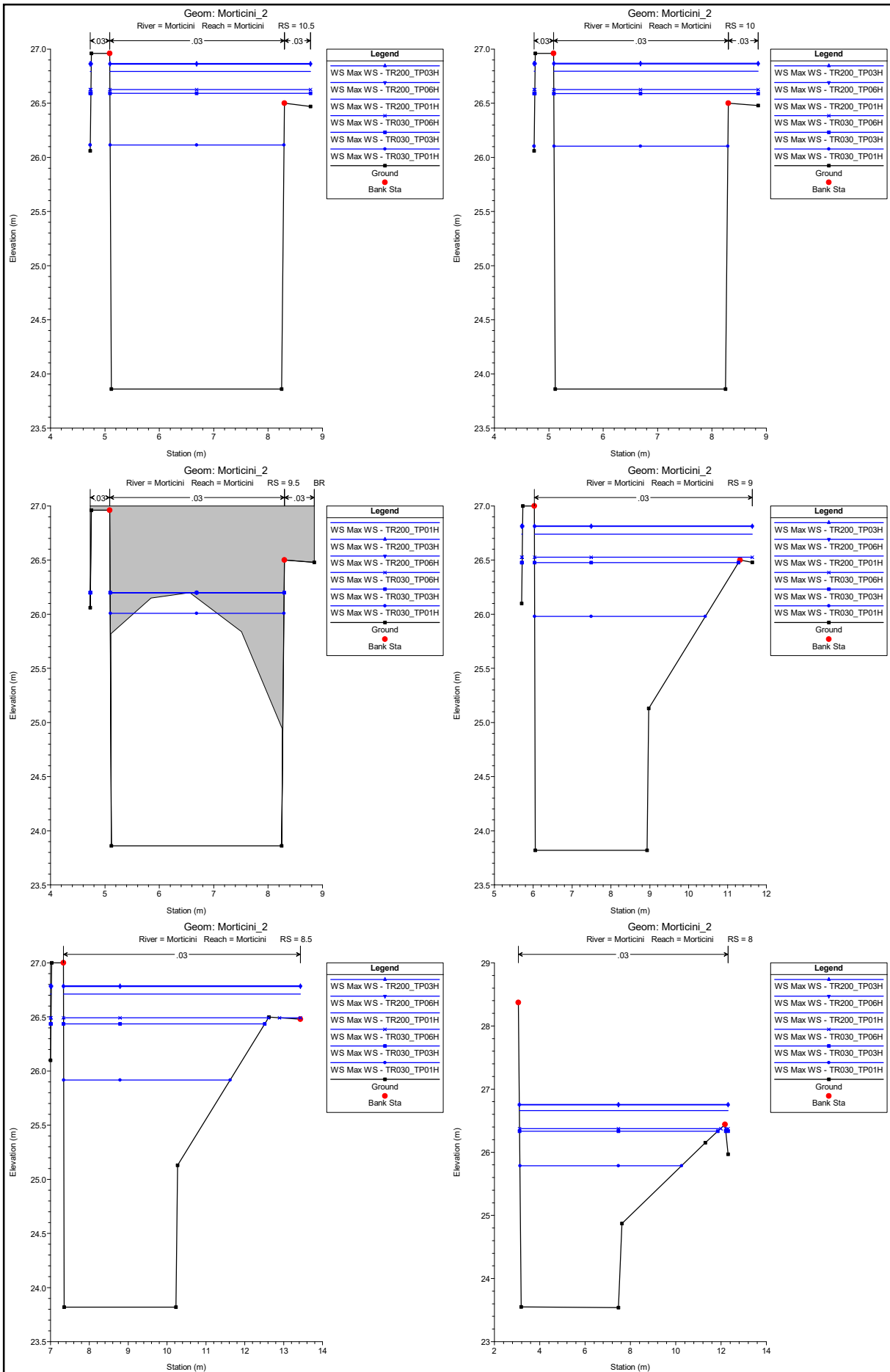


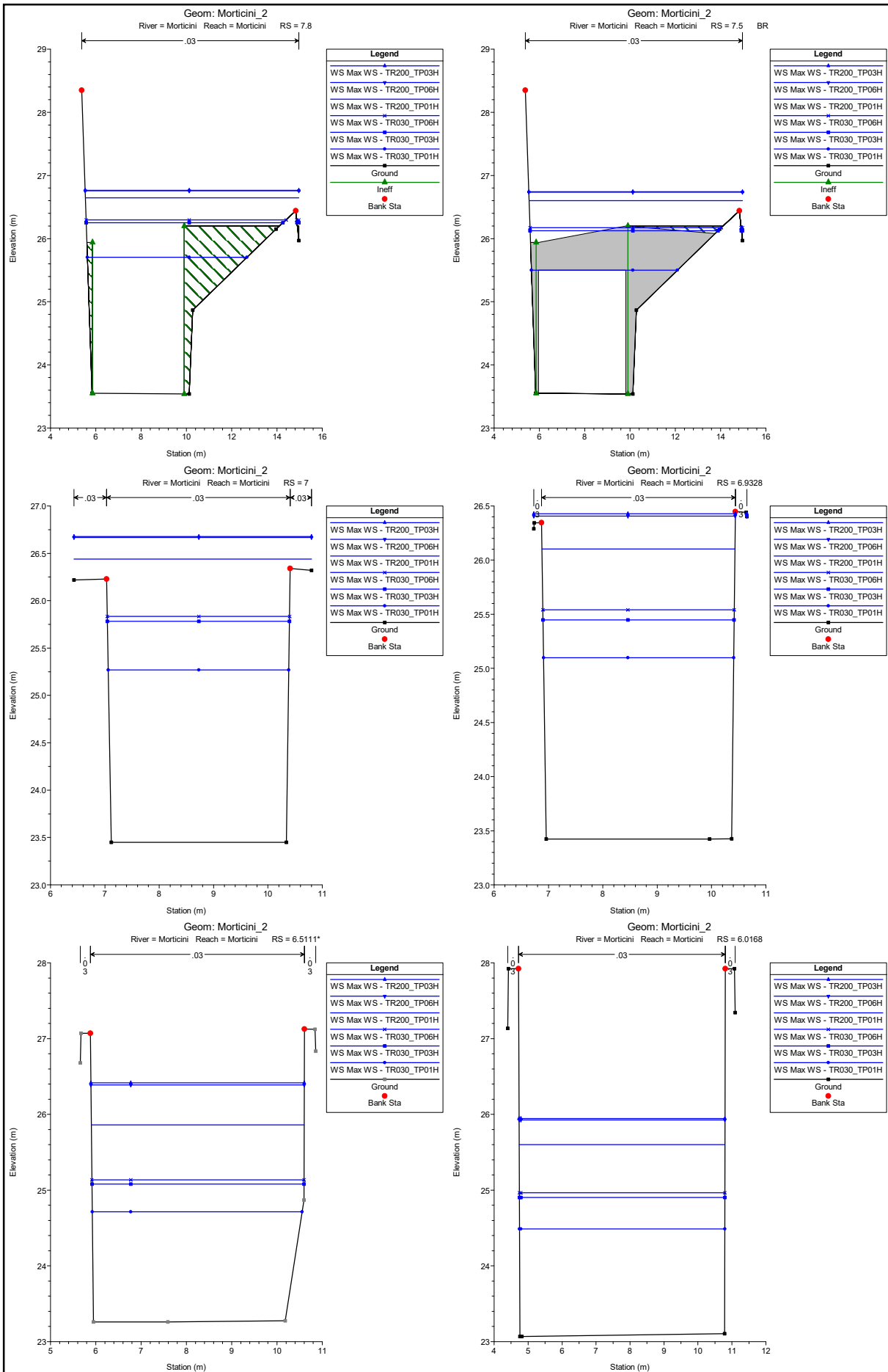


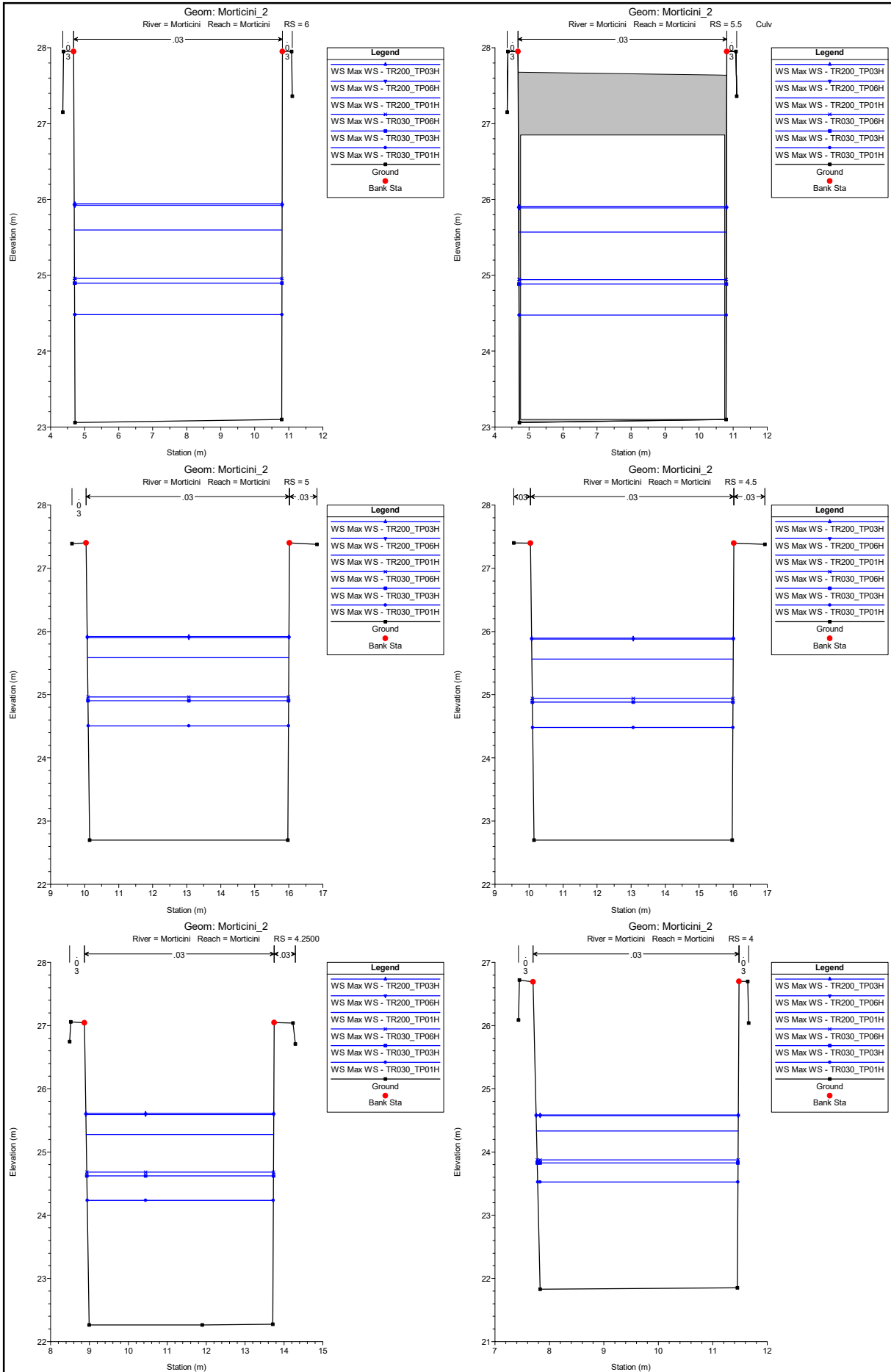


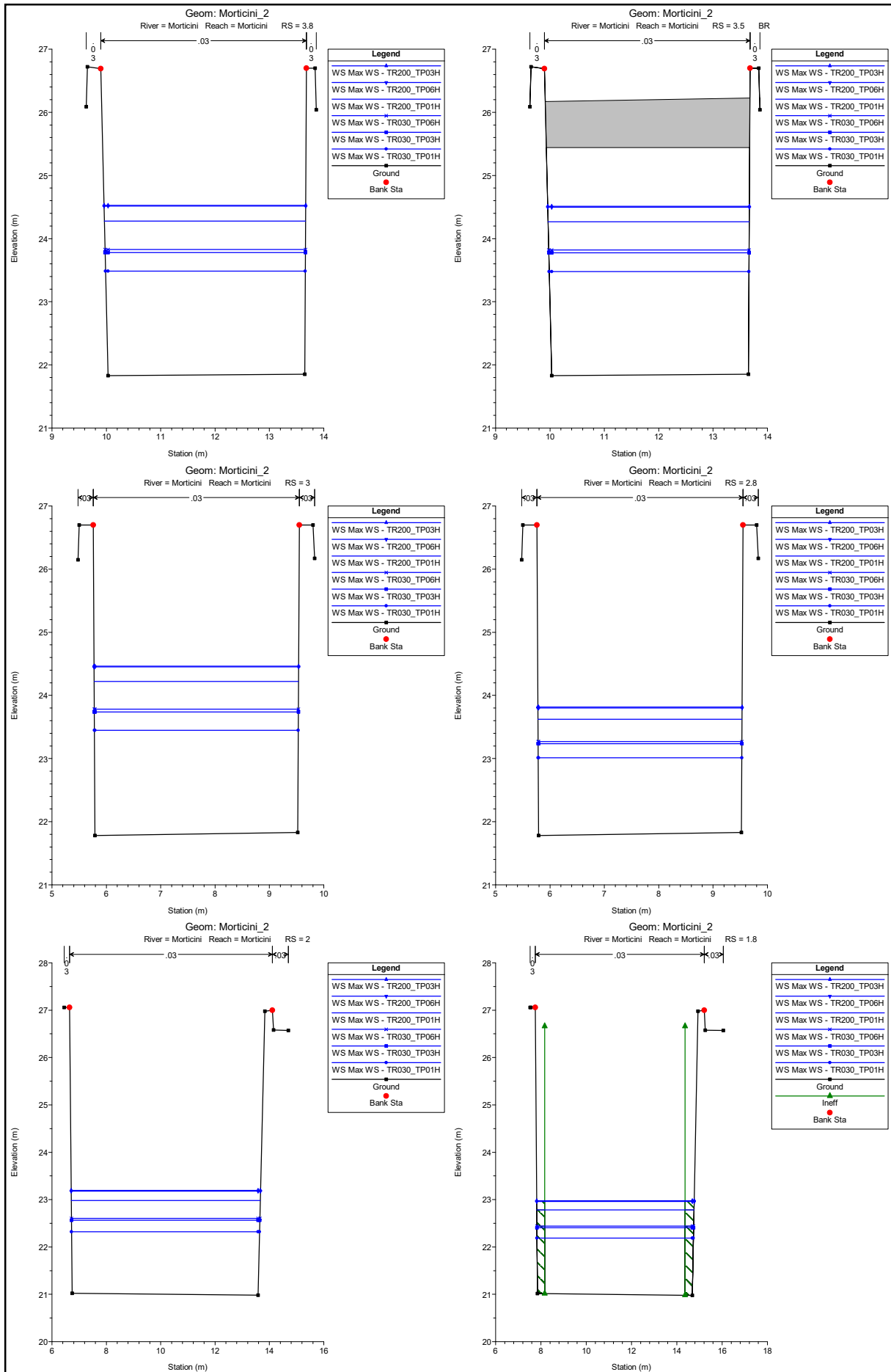


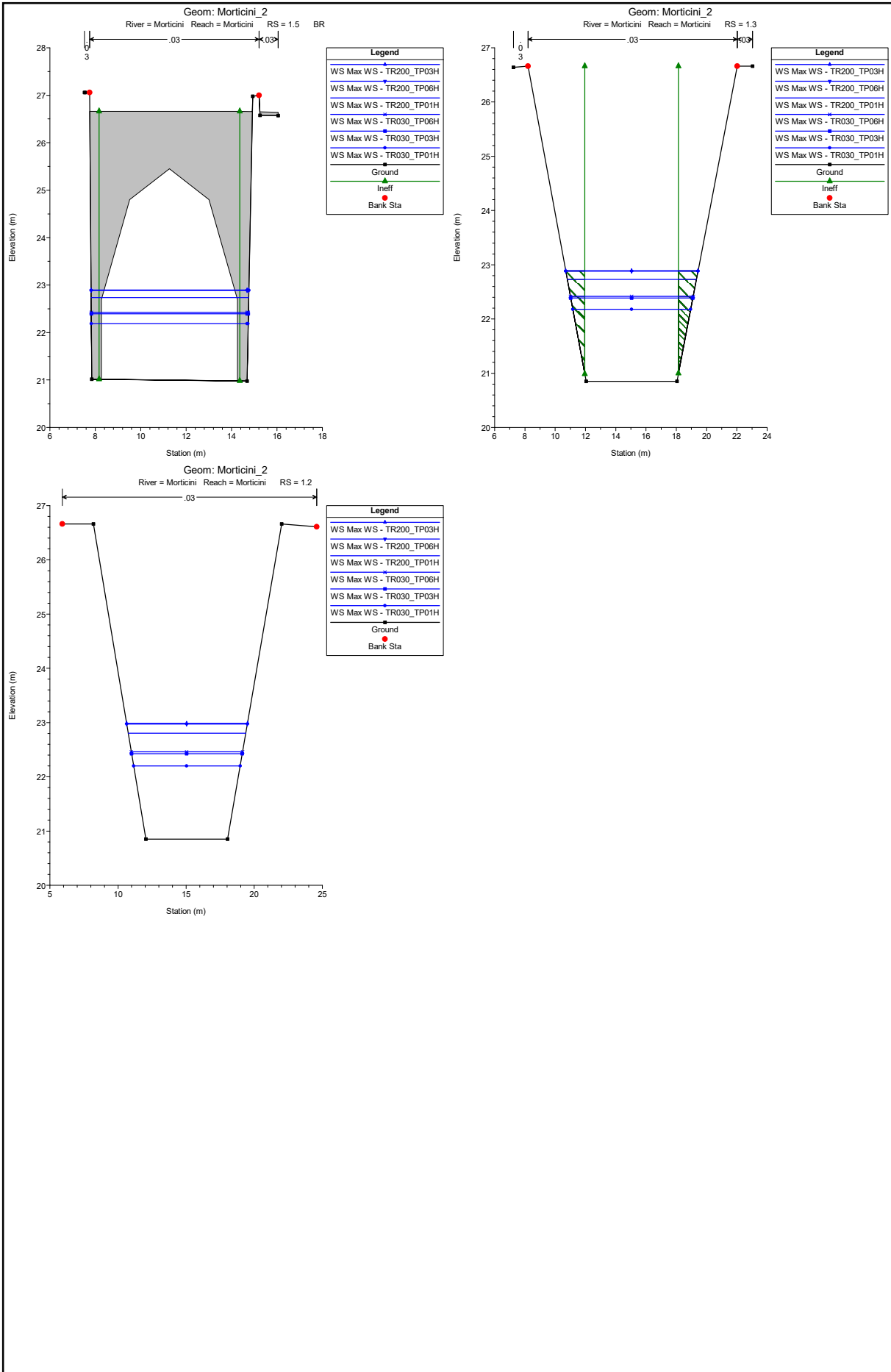












HEC-RAS River: Morticini Reach: Morticini Profile: Max WS

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
Morticini	2586.746	Max WS	TR200_TP01H	1.50	33.96	35.54		35.54	0.000090	0.19	7.77	11.74	0.08
Morticini	2586.746	Max WS	TR200_TP03H	1.50	33.96	35.85		35.85	0.000026	0.13	11.47	11.74	0.04
Morticini	2586.746	Max WS	TR200_TP06H	1.50	33.96	35.58		35.58	0.000073	0.18	8.30	11.74	0.07
Morticini	2586.746	Max WS	TR030_TP06H	1.50	33.96	35.41		35.42	0.000173	0.24	6.33	11.74	0.10
Morticini	2586.746	Max WS	TR030_TP03H	1.50	33.96	35.72		35.73	0.000040	0.15	9.98	11.74	0.05
Morticini	2586.746	Max WS	TR030_TP01H	1.50	33.96	35.79		35.79	0.000032	0.14	10.75	11.74	0.05
Morticini	2540.99												
Morticini	2540.98												
Morticini	2536.990	Max WS	TR200_TP01H	-3.27	33.86	35.53		35.54	0.000230	-0.38	8.68	9.21	0.12
Morticini	2536.990	Max WS	TR200_TP03H	-11.16	33.86	35.80		35.85	0.001243	-1.00	11.16	9.21	0.29
Morticini	2536.990	Max WS	TR200_TP06H	-5.52	33.86	35.56		35.58	0.000590	-0.61	8.99	9.21	0.20
Morticini	2536.990	Max WS	TR030_TP06H	-2.68	33.86	35.41		35.41	0.000238	-0.35	7.56	9.21	0.12
Morticini	2536.990	Max WS	TR030_TP03H	-9.59	33.86	35.68		35.72	0.001266	-0.95	10.05	9.21	0.29
Morticini	2536.990	Max WS	TR030_TP01H	-9.88	33.86	35.75		35.79	0.001115	-0.93	10.67	9.21	0.27
Morticini	2491.422	Max WS	TR200_TP01H	1.15	33.63	35.55		35.55	0.000015	0.10	11.33	11.50	0.03
Morticini	2491.422	Max WS	TR200_TP03H	3.74	33.63	35.91		35.91	0.000063	0.24	15.49	11.50	0.07
Morticini	2491.422	Max WS	TR200_TP06H	3.33	33.63	35.60		35.60	0.000111	0.28	11.94	11.50	0.09
Morticini	2491.422	Max WS	TR030_TP06H	3.43	33.63	35.40		35.41	0.000226	0.35	9.70	11.50	0.12
Morticini	2491.422	Max WS	TR030_TP03H	15.15	33.63	35.52		35.62	0.002921	1.37	11.06	11.50	0.45
Morticini	2491.422	Max WS	TR030_TP01H	3.11	33.63	35.84		35.84	0.000050	0.21	14.73	11.50	0.06
Morticini	2462.098	Max WS	TR200_TP01H	3.13	33.43	35.53		35.54	0.000179	0.35	8.87	8.05	0.11
Morticini	2462.098	Max WS	TR200_TP03H	17.50	33.43	35.36		35.64	0.009281	2.33	7.51	8.05	0.77
Morticini	2462.098	Max WS	TR200_TP06H	12.88	33.43	35.07		35.36	0.010347	2.39	5.39	6.06	0.81
Morticini	2462.098	Max WS	TR030_TP06H	10.09	33.43	34.88		35.16	0.011747	2.36	4.29	5.53	0.85
Morticini	2462.098	Max WS	TR030_TP03H	14.18	33.43	35.08		35.42	0.012064	2.59	5.47	6.10	0.88
Morticini	2462.098	Max WS	TR030_TP01H	16.31	33.43	35.21		35.55	0.012053	2.58	6.33	7.17	0.88
Morticini	2431.061	Max WS	TR200_TP01H	4.09	33.35	35.52		35.53	0.000185	0.37	10.96	9.47	0.11
Morticini	2431.061	Max WS	TR200_TP03H	15.14	33.35	35.29		35.44	0.004758	1.73	8.73	8.88	0.56
Morticini	2431.061	Max WS	TR200_TP06H	11.38	33.35	34.98		35.13	0.004529	1.73	6.59	6.37	0.54
Morticini	2431.061	Max WS	TR030_TP06H	9.20	33.35	34.68		34.87	0.007614	1.94	4.75	5.96	0.69
Morticini	2431.061	Max WS	TR030_TP03H	12.43	33.35	34.97		35.16	0.005530	1.90	6.53	6.36	0.60
Morticini	2431.061	Max WS	TR030_TP01H	14.21	33.35	35.11		35.29	0.005152	1.92	7.40	6.66	0.58
Morticini	2401.281	Max WS	TR200_TP01H	4.36	33.12	35.52		35.52	0.000141	0.35	12.39	9.41	0.10
Morticini	2401.281	Max WS	TR200_TP03H	13.30	33.12	35.27		35.36	0.001927	1.31	10.18	7.66	0.36
Morticini	2401.281	Max WS	TR200_TP06H	9.95	33.12	34.96		35.04	0.002103	1.25	7.93	6.92	0.37
Morticini	2401.281	Max WS	TR030_TP06H	7.76	33.12	34.63		34.73	0.003104	1.34	5.78	6.32	0.45
Morticini	2401.281	Max WS	TR030_TP03H	10.83	33.12	34.95		35.04	0.002568	1.38	7.84	6.89	0.41
Morticini	2401.281	Max WS	TR030_TP01H	12.52	33.12	35.08		35.19	0.002514	1.42	8.81	7.21	0.41
Morticini	2369.799	Max WS	TR200_TP01H	4.45	32.91	35.51		35.52	0.000117	0.33	13.43	9.57	0.09
Morticini	2369.799	Max WS	TR200_TP03H	11.88	32.91	35.25		35.31	0.001270	1.07	11.08	8.13	0.29
Morticini	2369.799	Max WS	TR200_TP06H	8.95	32.91	34.94		34.99	0.001254	1.02	8.74	6.81	0.29
Morticini	2369.799	Max WS	TR030_TP06H	6.93	32.91	34.60		34.66	0.001725	1.07	6.50	6.31	0.34
Morticini	2369.799	Max WS	TR030_TP03H	9.73	32.91	34.92		34.99	0.001534	1.13	8.62	6.76	0.32
Morticini	2369.799	Max WS	TR030_TP01H	11.19	32.91	35.06		35.13	0.001557	1.17	9.60	7.22	0.32
Morticini	2345.709	Max WS	TR200_TP01H	4.18	32.76	35.51		35.52	0.000081	0.29	14.26	8.99	0.07
Morticini	2345.709	Max WS	TR200_TP03H	11.26	32.76	35.24		35.29	0.000837	0.94	12.01	7.54	0.24
Morticini	2345.709	Max WS	TR200_TP06H	8.75	32.76	34.92		34.97	0.000920	0.90	9.67	7.09	0.25
Morticini	2345.709	Max WS	TR030_TP06H	7.07	32.76	34.56		34.61	0.001368	0.98	7.21	6.57	0.30
Morticini	2345.709	Max WS	TR030_TP03H	9.57	32.76	34.90		34.95	0.001154	1.01	9.51	7.06	0.28
Morticini	2345.709	Max WS	TR030_TP01H	10.72	32.76	35.05		35.10	0.001083	1.02	10.56	7.27	0.27
Morticini	2327.198	Max WS	TR200_TP01H	3.27	32.58	35.52		35.52	0.000030	0.18	17.83	11.23	0.05
Morticini	2327.198	Max WS	TR200_TP03H	10.69	32.58	35.25		35.28	0.000428	0.70	15.17	9.13	0.17
Morticini	2327.198	Max WS	TR200_TP06H	8.73	32.58	34.92		34.95	0.000519	0.71	12.26	8.61	0.19
Morticini	2327.198	Max WS	TR030_TP06H	7.81	32.58	34.54		34.58	0.000969	0.86	9.11	8.01	0.26
Morticini	2327.198	Max WS	TR030_TP03H	9.60	32.58	34.90		34.93	0.000658	0.80	12.05	8.57	0.21
Morticini	2327.198	Max WS	TR030_TP01H	10.31	32.58	35.05		35.08	0.000565	0.77	13.39	8.81	0.20
Morticini	2277.938	Max WS	TR200_TP01H	20.74	32.18	34.90		35.11	0.004063	2.05	10.11	5.45	0.48
Morticini	2277.938	Max WS	TR200_TP03H	19.09	32.18	34.85		35.04	0.003636	1.94	9.86	5.30	0.45
Morticini	2277.938	Max WS	TR200_TP06H	15.91	32.18	34.54		34.73	0.003889	1.91	8.31	4.81	0.46
Morticini	2277.938	Max WS	TR030_TP06H	12.74	32.18	34.11		34.32	0.005154	2.01	6.33	4.40	0.54
Morticini	2277.938	Max WS	TR030_TP03H	14.92	32.18	34.39		34.59	0.004326	1.96	7.61	4.67	0.49
Morticini	2277.938	Max WS	TR030_TP01H	14.32	32.18	34.27		34.48	0.004884	2.03	7.05	4.56	0.52
Morticini	2228.630	Max WS	TR200_TP01H	19.85	32.07	34.89		34.93	0.000533	0.91	21.80	10.97	0.21
Morticini	2228.630	Max WS	TR200_TP03H	18.35	32.07	34.84		34.88	0.000487	0.86	21.28	10.88	0.20
Morticini	2228.630	Max WS	TR200_TP06H	15.11	32.07	34.53		34.56	0.000531	0.84	17.92	10.34	0.20
Morticini	2228.630	Max WS	TR030_TP06H	11.84	32.07	34.07		34.11	0.000744	0.88	13.39	9.64	0.24
Morticini	2228.630	Max WS	TR030_TP03H	13.95	32.07	34.37		34.41	0.000586	0.85	16.34	10.10	0.21
Morticini	2228.630	Max WS	TR030_TP01H	13.18	32.07	34.24		34.28	0.000659	0.88	15.06	9.90	0.23
Morticini	2227.99												
Morticini	2227.98												
Morticini	2175.962	Max WS	TR200_TP01H	14.54	31.89	34.89		34.93	0.000648	0.91	15.98	8.31	0.21
Morticini	2175.962	Max WS	TR200_TP03H	13.33	31.89	34.84		34.88	0.000582	0.86	15.59	8.23	0.20
Morticini	2175.962	Max WS	TR200_TP06H	10.59	31.89	34.52		34.56	0.000596	0.81	13.06	7.78	0.20
Morticini	2175.962	Max WS	TR030_TP06H	7.81	31.89	34.07		34.10	0.000748	0.81	9.66	7.14	0.22
Morticini	2175.962	Max WS	TR030_TP03H	9.55	31.89	34.37		34.40	0.000630	0.80	11.87	7.57	0.21
Morticini	2175.962	Max WS	TR030_TP01H	8.86	31.89	34.24		34.28	0.000685	0.81	10.91	7.39	0.21
Morticini	2138.422	Max WS	TR200_TP01H	12.83	32.03	34.88		34.91	0.000512	0.80	15.95	8.79	0.19
Morticini	2138.422	Max WS	TR200_TP03H	11.63	32.03	34.84		34.86	0.000451	0.75	15.55	8.73	0.18
Morticini	2138.422	Max WS	TR200_TP06H	8.98	32.03	34.52		34.54	0.000455	0.70	12.86	8.27	0.18
Morticini	2138.422	Max WS	TR030_TP06H	6.49	32.03	34.06		34.08	0.000610	0.70	9.21	7.60	0.20
Morticini	2138.422	Max WS	TR030_TP03H	8.02	32.03	34.36		34.39	0.000486	0.69	11.60	8.05	0.18
Morticini	2138.422	Max WS	TR030_TP01H	7.37	32.03	34.24		34.26	0.000533	0.70	10.57	7.86	0.19

HEC-RAS River: Morticini Reach: Morticini Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total (m ³ /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 (m ²)	Top Width (m)	Froude # Chl
Morticini	2107.536	Max WS	TR200_TP01H	12.00	31.73	34.88		34.90	0.000338	0.68	17.72	9.35	0.16
Morticini	2107.536	Max WS	TR200_TP03H	10.91	31.73	34.83		34.85	0.000297	0.63	17.31	9.26	0.15
Morticini	2107.536	Max WS	TR200_TP06H	8.35	31.73	34.52		34.53	0.000286	0.58	14.46	8.76	0.14
Morticini	2107.536	Max WS	TR030_TP06H	6.03	31.73	34.05		34.07	0.000358	0.57	10.56	8.03	0.16
Morticini	2107.536	Max WS	TR030_TP03H	7.46	31.73	34.36		34.38	0.000300	0.57	13.11	8.52	0.15
Morticini	2107.536	Max WS	TR030_TP01H	6.85	31.73	34.23		34.25	0.000322	0.57	12.01	8.31	0.15
Morticini	2082.589	Max WS	TR200_TP01H	13.50	31.69	34.88		34.89	0.000097	0.44	30.84	12.29	0.09
Morticini	2082.589	Max WS	TR200_TP03H	12.26	31.69	34.83		34.84	0.000084	0.40	30.28	12.29	0.08
Morticini	2082.589	Max WS	TR200_TP06H	9.34	31.69	34.52		34.52	0.000073	0.35	26.39	12.29	0.08
Morticini	2082.589	Max WS	TR030_TP06H	6.70	31.69	34.05		34.06	0.000078	0.32	20.69	12.29	0.08
Morticini	2082.589	Max WS	TR030_TP03H	8.33	31.69	34.36		34.37	0.000073	0.34	24.48	12.29	0.08
Morticini	2082.589	Max WS	TR030_TP01H	7.65	31.69	34.23		34.24	0.000075	0.33	22.88	12.29	0.08
Morticini	2045.780	Max WS	TR200_TP01H	8.89	31.38	34.88		34.89	0.000196	0.53	16.81	6.55	0.11
Morticini	2045.780	Max WS	TR200_TP03H	8.03	31.38	34.83		34.85	0.000168	0.49	16.51	6.55	0.10
Morticini	2045.780	Max WS	TR200_TP06H	6.08	31.38	34.52		34.53	0.000139	0.42	14.44	6.55	0.09
Morticini	2045.780	Max WS	TR030_TP06H	4.37	31.38	34.05		34.06	0.000139	0.38	11.40	6.55	0.09
Morticini	2045.780	Max WS	TR030_TP03H	5.43	31.38	34.36		34.37	0.000136	0.40	13.42	6.55	0.09
Morticini	2045.780	Max WS	TR030_TP01H	4.96	31.38	34.23		34.24	0.000136	0.39	12.56	6.55	0.09
Morticini	1988.531	Max WS	TR200_TP01H	7.69	31.20	34.88		34.89	0.000089	0.38	20.36	7.86	0.07
Morticini	1988.531	Max WS	TR200_TP03H	6.90	31.20	34.83		34.84	0.000075	0.34	20.01	7.86	0.07
Morticini	1988.531	Max WS	TR200_TP06H	5.07	31.20	34.52		34.52	0.000059	0.29	17.52	7.86	0.06
Morticini	1988.531	Max WS	TR030_TP06H	3.46	31.20	34.05		34.05	0.000054	0.25	13.86	7.86	0.06
Morticini	1988.531	Max WS	TR030_TP03H	4.50	31.20	34.36		34.36	0.000057	0.28	16.29	7.86	0.06
Morticini	1988.531	Max WS	TR030_TP01H	4.08	31.20	34.23		34.23	0.000057	0.27	15.27	7.86	0.06
Morticini	1987.99												
				Lat Struct									
Morticini	1987.98												
				Lat Struct									
Morticini	1933.911	Max WS	TR200_TP01H	6.59	31.09	34.88		34.88	0.000063	0.32	20.78	7.61	0.06
Morticini	1933.911	Max WS	TR200_TP03H	5.85	31.09	34.83		34.84	0.000052	0.29	20.44	7.61	0.06
Morticini	1933.911	Max WS	TR200_TP06H	4.24	31.09	34.52		34.52	0.000038	0.24	18.03	7.61	0.05
Morticini	1933.911	Max WS	TR030_TP06H	2.82	31.09	34.05		34.05	0.000032	0.19	14.49	7.61	0.04
Morticini	1933.911	Max WS	TR030_TP03H	3.77	31.09	34.36		34.36	0.000037	0.22	16.84	7.61	0.05
Morticini	1933.911	Max WS	TR030_TP01H	3.42	31.09	34.23		34.23	0.000036	0.22	15.85	7.61	0.05
Morticini	1893.265	Max WS	TR200_TP01H	6.30	30.93	34.88		34.88	0.000041	0.27	23.58	7.87	0.05
Morticini	1893.265	Max WS	TR200_TP03H	5.59	30.93	34.83		34.84	0.000033	0.24	23.23	7.87	0.04
Morticini	1893.265	Max WS	TR200_TP06H	3.89	30.93	34.52		34.52	0.000022	0.19	20.74	7.87	0.04
Morticini	1893.265	Max WS	TR030_TP06H	2.63	30.93	34.05		34.05	0.000017	0.15	17.08	7.87	0.03
Morticini	1893.265	Max WS	TR030_TP03H	3.49	30.93	34.36		34.36	0.000021	0.18	19.51	7.87	0.04
Morticini	1893.265	Max WS	TR030_TP01H	3.20	30.93	34.23		34.23	0.000021	0.17	18.48	7.87	0.04
Morticini	1847.986	Max WS	TR200_TP01H	6.92	30.60	34.88		34.88	0.000036	0.25	27.55	11.20	0.05
Morticini	1847.986	Max WS	TR200_TP03H	5.93	30.60	34.83		34.83	0.000028	0.22	27.05	11.08	0.04
Morticini	1847.986	Max WS	TR200_TP06H	4.66	30.60	34.51		34.52	0.000024	0.20	23.66	10.37	0.04
Morticini	1847.986	Max WS	TR030_TP06H	2.98	30.60	34.05		34.05	0.000017	0.16	19.09	9.33	0.03
Morticini	1847.986	Max WS	TR030_TP03H	4.10	30.60	34.36		34.36	0.000023	0.19	22.07	10.02	0.04
Morticini	1847.986	Max WS	TR030_TP01H	3.69	30.60	34.23		34.23	0.000021	0.18	20.79	9.73	0.04
Morticini	1813.365	Max WS	TR200_TP01H	15.53	30.30	34.85		34.86	0.000121	0.49	31.61	10.11	0.09
Morticini	1813.365	Max WS	TR200_TP03H	14.07	30.30	34.81		34.82	0.000103	0.45	31.20	10.00	0.08
Morticini	1813.365	Max WS	TR200_TP06H	8.21	30.30	34.51		34.51	0.000045	0.29	28.24	9.55	0.05
Morticini	1813.365	Max WS	TR030_TP06H	7.16	30.30	34.04		34.04	0.000054	0.30	23.92	8.96	0.06
Morticini	1813.365	Max WS	TR030_TP03H	7.72	30.30	34.35		34.36	0.000046	0.29	26.77	9.35	0.05
Morticini	1813.365	Max WS	TR030_TP01H	7.52	30.30	34.22		34.22	0.000050	0.29	25.55	9.19	0.06
Morticini	1804.62	Max WS	TR200_TP01H	30.96	30.20	34.73		34.81	0.000874	1.22	25.29	7.63	0.21
Morticini	1804.62	Max WS	TR200_TP03H	30.11	30.20	34.69		34.77	0.000852	1.21	24.98	7.58	0.21
Morticini	1804.62	Max WS	TR200_TP06H	24.85	30.20	34.40		34.46	0.000730	1.09	22.82	7.22	0.20
Morticini	1804.62	Max WS	TR030_TP06H	17.76	30.20	33.97		34.01	0.000540	0.90	19.80	6.85	0.17
Morticini	1804.62	Max WS	TR030_TP03H	22.02	30.20	34.26		34.31	0.000645	1.01	21.82	7.10	0.18
Morticini	1804.62	Max WS	TR030_TP01H	20.19	30.20	34.14		34.18	0.000602	0.96	20.96	6.99	0.18
Morticini	1800.252	Max WS	TR200_TP01H	31.73	30.15	34.74	31.62	34.80	0.000682	1.13	28.10	7.21	0.18
Morticini	1800.252	Max WS	TR200_TP03H	30.88	30.15	34.69	31.59	34.76	0.000663	1.11	27.80	7.14	0.18
Morticini	1800.252	Max WS	TR200_TP06H	25.44	30.15	34.40	31.42	34.45	0.000548	0.99	25.75	6.97	0.16
Morticini	1800.252	Max WS	TR030_TP06H	17.92	30.15	33.98	31.15	34.01	0.000372	0.79	22.83	6.68	0.14
Morticini	1800.252	Max WS	TR030_TP03H	22.43	30.15	34.26	31.32	34.31	0.000471	0.90	24.78	6.88	0.15
Morticini	1800.252	Max WS	TR030_TP01H	20.47	30.15	34.14	31.25	34.18	0.000429	0.85	23.95	6.80	0.15
Morticini	1798												
				Int Struct									
Morticini	1795	Max WS	TR200_TP01H	31.72	30.15	32.63		32.88	0.003929	2.20	14.43	6.00	0.45
Morticini	1795	Max WS	TR200_TP03H	30.88	30.15	32.54		32.79	0.004169	2.23	13.84	5.98	0.47
Morticini	1795	Max WS	TR200_TP06H	25.72	30.15	32.43		32.62	0.003278	1.94	13.22	5.97	0.42
Morticini	1795	Max WS	TR030_TP06H	28.29	30.15	32.45		32.68	0.003861	2.12	13.35	5.97	0.45
Morticini	1795	Max WS	TR030_TP03H	22.42	30.15	32.38		32.53	0.002656	1.74	12.92	5.96	0.38
Morticini	1795	Max WS	TR030_TP01H	20.42	30.15	32.37		32.50	0.002241	1.59	12.84	5.96	0.35
Morticini	1790.99												
				Lat Struct									
Morticini	1790.98												
				Lat Struct									
Morticini	1789.129	Max WS	TR200_TP01H	31.07	30.27	32.49		32.84	0.006341	2.62	11.86	7.74	0.68
Morticini	1789.129	Max WS	TR200_TP03H	29.31	30.27	32.43		32.77	0.006226	2.56	11.43	7.64	0.67
Morticini	1789.129	Max WS	TR200_TP06H	22.53	30.27	32.41		32.61	0.003846	2.00	11.24	7.60	0.53
Morticini	1789.129	Max WS	TR030_TP06H	21.72	30.27	32.41		32.60	0.003570	1.93	11.25	7.60	0.51
Morticini	1789.129	Max WS	TR030_TP03H	19.70	30.27	32.39		32.55	0.003039	1.77	11.11	7.57	0.47
Morticini	1789.129	Max WS	TR030_TP01H	17.74	30.27	32.38		32.51	0.002510	1.61	11.03	7.55	0.42
Morticini	1781.95	Max WS	TR200_TP01H	20.00	30.26	32.41		32.57	0.003393	1.76	11.33	8.96	0.50
Morticini	1781.95	Max WS	TR200_TP03H	19.85	30.26	32.41		32.57	0.003348	1.75	11.33	8.95	0.50
Morticini	1781.95	Max WS	TR200_TP06H	18.59	30.26	32.42		32.56	0.002840	1.62	11.46	8.98	0.46

HEC-RAS River: Morticini Reach: Morticini Profile: Max WS (Continued)

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
Morticini	1781.95	Max WS	TR030_TP06H	20.14	30.26	32.43		32.58	0.003313	1.75	11.49	8.99	0.50
Morticini	1781.95	Max WS	TR030_TP03H	18.31	30.26	32.41		32.54	0.002872	1.62	11.30	8.95	0.46
Morticini	1781.95	Max WS	TR030_TP01H	16.49	30.26	32.39		32.50	0.002400	1.48	11.17	8.92	0.42
Morticini	1753.251	Max WS	TR200_TP01H	20.75	30.24	32.61		32.73	0.002449	1.54	13.51	10.42	0.43
Morticini	1753.251	Max WS	TR200_TP03H	18.67	30.24	32.59		32.69	0.002063	1.40	13.34	10.42	0.40
Morticini	1753.251	Max WS	TR200_TP06H	14.42	30.24	32.50		32.57	0.001518	1.16	12.45	10.42	0.34
Morticini	1753.251	Max WS	TR030_TP06H	16.91	30.24	32.54		32.63	0.001897	1.32	12.85	10.42	0.38
Morticini	1753.251	Max WS	TR030_TP03H	13.95	30.24	32.44		32.51	0.001674	1.18	11.80	10.42	0.35
Morticini	1753.251	Max WS	TR030_TP01H	13.70	30.24	32.39		32.47	0.001841	1.21	11.31	10.42	0.37
Morticini	1690.150	Max WS	TR200_TP01H	19.99	30.38	32.28		32.49	0.005313	2.05	9.75	9.13	0.63
Morticini	1690.150	Max WS	TR200_TP03H	19.06	30.38	32.24		32.45	0.005305	2.03	9.39	8.92	0.63
Morticini	1690.150	Max WS	TR200_TP06H	16.43	30.38	32.16		32.34	0.004699	1.88	8.75	8.51	0.59
Morticini	1690.150	Max WS	TR030_TP06H	17.80	30.38	32.17		32.38	0.005391	2.02	8.83	8.56	0.63
Morticini	1690.150	Max WS	TR030_TP03H	15.36	30.38	32.12		32.29	0.004567	1.83	8.38	8.26	0.58
Morticini	1690.150	Max WS	TR030_TP01H	14.57	30.38	32.09		32.25	0.004415	1.79	8.14	8.10	0.57
Morticini	1658.912	Max WS	TR200_TP01H	14.38	30.27	32.35		32.40	0.001008	0.99	14.48	11.17	0.28
Morticini	1658.912	Max WS	TR200_TP03H	13.41	30.27	32.31		32.36	0.000953	0.95	14.05	11.06	0.27
Morticini	1658.912	Max WS	TR200_TP06H	12.07	30.27	32.22		32.26	0.000961	0.93	13.00	10.79	0.27
Morticini	1658.912	Max WS	TR030_TP06H	13.25	30.27	32.23		32.28	0.001117	1.01	13.16	10.83	0.29
Morticini	1658.912	Max WS	TR030_TP03H	11.39	30.27	32.16		32.21	0.000965	0.91	12.45	10.65	0.27
Morticini	1658.912	Max WS	TR030_TP01H	10.86	30.27	32.13		32.17	0.000953	0.90	12.09	10.56	0.27
Morticini	1631.221	Max WS	TR200_TP01H	14.33	30.18	32.25		32.35	0.002355	1.43	10.03	8.38	0.42
Morticini	1631.221	Max WS	TR200_TP03H	12.89	30.18	32.22		32.31	0.002047	1.32	9.78	8.24	0.39
Morticini	1631.221	Max WS	TR200_TP06H	11.27	30.18	32.15		32.23	0.001865	1.22	9.21	8.26	0.37
Morticini	1631.221	Max WS	TR030_TP06H	12.27	30.18	32.16		32.25	0.002171	1.32	9.27	8.27	0.40
Morticini	1631.221	Max WS	TR030_TP03H	10.26	30.18	32.11		32.18	0.001721	1.16	8.88	8.21	0.35
Morticini	1631.221	Max WS	TR030_TP01H	9.88	30.18	32.08		32.14	0.001752	1.15	8.60	8.17	0.36
Morticini	1602.463	Max WS	TR200_TP01H	14.32	30.11	32.19		32.28	0.002286	1.37	10.47	9.33	0.41
Morticini	1602.463	Max WS	TR200_TP03H	12.85	30.11	32.16		32.24	0.001951	1.25	10.26	9.27	0.38
Morticini	1602.463	Max WS	TR200_TP06H	11.20	30.11	32.11		32.17	0.001729	1.15	9.72	9.13	0.36
Morticini	1602.463	Max WS	TR030_TP06H	11.90	30.11	32.12		32.19	0.001894	1.21	9.82	9.15	0.37
Morticini	1602.463	Max WS	TR030_TP03H	10.26	30.11	32.07		32.13	0.001616	1.10	9.37	9.07	0.34
Morticini	1602.463	Max WS	TR030_TP01H	9.87	30.11	32.03		32.09	0.001656	1.09	9.05	9.02	0.35
Morticini	1600.99												
				Lat Struct									
Morticini	1600.98												
				Lat Struct									
Morticini	1551.195	Max WS	TR200_TP01H	18.05	30.06	31.99		32.10	0.002811	1.49	12.12	11.60	0.47
Morticini	1551.195	Max WS	TR200_TP03H	16.57	30.06	31.98		32.07	0.002454	1.38	11.98	11.60	0.43
Morticini	1551.195	Max WS	TR200_TP06H	15.43	30.06	31.91		32.01	0.002584	1.37	11.23	11.52	0.44
Morticini	1551.195	Max WS	TR030_TP06H	15.92	30.06	31.91		32.01	0.002760	1.42	11.22	11.52	0.46
Morticini	1551.195	Max WS	TR030_TP03H	14.67	30.06	31.85		31.95	0.002760	1.39	10.53	11.15	0.46
Morticini	1551.195	Max WS	TR030_TP01H	14.58	30.06	31.79		31.90	0.003191	1.48	9.82	10.52	0.49
Morticini	1515.186	Max WS	TR200_TP01H	19.39	29.89	31.47		31.82	0.010716	2.60	7.45	8.23	0.87
Morticini	1515.186	Max WS	TR200_TP03H	18.39	29.89	31.46		31.78	0.009971	2.50	7.36	8.20	0.84
Morticini	1515.186	Max WS	TR200_TP06H	17.22	29.89	31.40		31.72	0.010752	2.51	6.86	8.07	0.87
Morticini	1515.186	Max WS	TR030_TP06H	17.46	29.89	31.41		31.73	0.010905	2.53	6.89	8.08	0.88
Morticini	1515.186	Max WS	TR030_TP03H	16.07	29.89	31.36		31.67	0.010655	2.45	6.56	7.99	0.86
Morticini	1515.186	Max WS	TR030_TP01H	15.12	29.89	31.34		31.63	0.010208	2.37	6.38	7.94	0.84
Morticini	1444.105	Max WS	TR200_TP01H	11.91	29.89	31.30		31.42	0.004154	1.57	7.59	9.17	0.55
Morticini	1444.105	Max WS	TR200_TP03H	10.92	29.89	31.31		31.41	0.003403	1.42	7.68	9.24	0.50
Morticini	1444.105	Max WS	TR200_TP06H	9.88	29.89	31.25		31.35	0.003283	1.38	7.18	8.85	0.49
Morticini	1444.105	Max WS	TR030_TP06H	10.22	29.89	31.23		31.34	0.003729	1.46	7.02	8.72	0.52
Morticini	1444.105	Max WS	TR030_TP03H	8.84	29.89	31.21		31.30	0.003007	1.30	6.82	8.59	0.46
Morticini	1444.105	Max WS	TR030_TP01H	8.75	29.89	31.17		31.27	0.003331	1.35	6.50	8.36	0.49
Morticini	1394.870	Max WS	TR200_TP01H	11.45	29.66	31.16		31.26	0.003325	1.40	8.15	9.66	0.49
Morticini	1394.870	Max WS	TR200_TP03H	10.74	29.66	31.16		31.25	0.002863	1.31	8.21	9.67	0.45
Morticini	1394.870	Max WS	TR200_TP06H	10.17	29.66	31.11		31.20	0.003127	1.32	7.69	9.58	0.47
Morticini	1394.870	Max WS	TR030_TP06H	10.21	29.66	31.09		31.18	0.003416	1.36	7.49	9.54	0.49
Morticini	1394.870	Max WS	TR030_TP03H	9.13	29.66	31.08		31.16	0.002838	1.23	7.39	9.53	0.45
Morticini	1394.870	Max WS	TR030_TP01H	6.79	29.66	31.06		31.11	0.001674	0.94	7.23	9.50	0.34
Morticini	1349.572	Max WS	TR200_TP01H	10.50	29.41	31.06		31.14	0.002127	1.21	8.65	9.08	0.40
Morticini	1349.572	Max WS	TR200_TP03H	9.60	29.41	31.08		31.14	0.001681	1.09	8.82	9.11	0.35
Morticini	1349.572	Max WS	TR200_TP06H	8.91	29.41	31.04		31.10	0.001644	1.05	8.44	9.04	0.35
Morticini	1349.572	Max WS	TR030_TP06H	9.24	29.41	31.00		31.06	0.002010	1.15	8.05	8.83	0.38
Morticini	1349.572	Max WS	TR030_TP03H	8.31	29.41	31.00		31.06	0.001597	1.03	8.11	8.88	0.34
Morticini	1349.572	Max WS	TR030_TP01H	6.36	29.41	31.01		31.04	0.000925	0.78	8.14	8.91	0.26
Morticini	1325.353	Max WS	TR200_TP01H	7.92	29.30	31.03		31.06	0.001028	0.87	9.09	9.06	0.28
Morticini	1325.353	Max WS	TR200_TP03H	9.53	29.30	31.05		31.10	0.001390	1.02	9.30	9.10	0.32
Morticini	1325.353	Max WS	TR200_TP06H	9.17	29.30	31.00		31.05	0.001479	1.04	8.86	8.98	0.33
Morticini	1325.353	Max WS	TR030_TP06H	9.27	29.30	30.96		31.02	0.001698	1.09	8.48	8.77	0.36
Morticini	1325.353	Max WS	TR030_TP03H	8.59	29.30	30.96		31.01	0.001433	1.01	8.53	8.80	0.33
Morticini	1325.353	Max WS	TR030_TP01H	6.62	29.30	30.98		31.01	0.000808	0.76	8.70	8.89	0.25
Morticini	1283.842	Max WS	TR200_TP01H	8.37	29.20	30.94		30.99	0.001528	1.00	8.42	9.46	0.33
Morticini	1283.842	Max WS	TR200_TP03H	8.41	29.20	30.98		31.03	0.001353	0.96	8.82	9.61	0.31
Morticini	1283.842	Max WS	TR200_TP06H	9.55	29.20	30.89		30.96	0.002368	1.21	7.92	9.27	0.41
Morticini	1283.842	Max WS	TR030_TP06H	9.24	29.20	30.85		30.92	0.002542	1.22	7.55	8.92	0.42
Morticini	1283.842	Max WS	TR030_TP03H	9.10	29.20	30.84		30.92	0.002489	1.21	7.52	8.89	0.42
Morticini	1283.842	Max WS	TR030_TP01H	8.09	29.20	30.88		30.93	0.001738	1.03	7.86	9.24	0.35
Morticini	1270	Max WS	TR200_TP01H	8.33	29.20	30.87	30.19	30.97	0.001713	1.43	5.81	9.14	0.38
Morticini	1270	Max WS	TR200_TP03H	8.74	29.20	30.88	30.22	31.00	0.001813	1.49	5.88	9.26	0.40
Morticini	1270	Max WS	TR200_TP06H	9.55	29.20	30.77	30.27	30.93	0.002827	1.76	5.42	8.13	0.49
Morticini	1270	Max WS	TR030_TP06H	9.16	29.20	30.74	30.25	30.89	0.002811	1.73	5.30	7.80	0.49
Morticini	1270	Max WS	TR030_TP03H	9.10	29.20	30.74	30.24	30.89	0.002808	1.72	5.28	7.75	0.48
Morticini	1270	Max WS	TR030_TP01H	8.09	29.20	30.81	30.18	30.91	0.001866	1.45	5.56	8.49	0.40

HEC-RAS River: Morticini Reach: Morticini Profile: Max WS (Continued)

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
Morticini	827.114	Max WS	TR200_TP03H	18.25	27.27	29.45		29.59	0.002674	1.65	11.10	8.08	0.45
Morticini	827.114	Max WS	TR200_TP06H	17.86	27.27	29.37		29.52	0.003053	1.71	10.47	8.04	0.48
Morticini	827.114	Max WS	TR030_TP06H	13.83	27.27	29.22		29.34	0.002569	1.49	9.27	7.66	0.43
Morticini	827.114	Max WS	TR030_TP03H	16.08	27.27	29.26		29.41	0.003180	1.68	9.57	7.76	0.48
Morticini	827.114	Max WS	TR030_TP01H	17.49	27.27	29.17		29.37	0.004627	1.97	8.88	7.53	0.57
Morticini	786.734	Max WS	TR200_TP01H	18.17	26.98	29.37		29.43	0.001112	1.11	16.37	11.59	0.30
Morticini	786.734	Max WS	TR200_TP03H	18.76	26.98	29.41		29.48	0.001081	1.11	16.88	11.59	0.29
Morticini	786.734	Max WS	TR200_TP06H	18.00	26.98	29.33		29.40	0.001183	1.13	15.95	11.59	0.31
Morticini	786.734	Max WS	TR030_TP06H	15.89	26.98	29.14		29.21	0.001391	1.16	13.75	11.12	0.33
Morticini	786.734	Max WS	TR030_TP03H	17.19	26.98	29.19		29.26	0.001485	1.20	14.27	11.36	0.34
Morticini	786.734	Max WS	TR030_TP01H	17.94	26.98	29.08		29.18	0.001990	1.37	13.12	10.80	0.40
Morticini	744.405	Max WS	TR200_TP01H	23.17	26.78	29.22		29.32	0.001944	1.41	16.43	12.35	0.39
Morticini	744.405	Max WS	TR200_TP03H	24.05	26.78	29.27		29.37	0.001882	1.41	17.01	12.35	0.38
Morticini	744.405	Max WS	TR200_TP06H	23.00	26.78	29.18		29.29	0.001971	1.44	15.93	11.66	0.39
Morticini	744.405	Max WS	TR030_TP06H	19.03	26.78	29.02		29.11	0.001712	1.34	14.23	10.53	0.37
Morticini	744.405	Max WS	TR030_TP03H	20.58	26.78	29.05		29.15	0.001892	1.42	14.53	10.62	0.39
Morticini	744.405	Max WS	TR030_TP01H	18.93	26.78	29.00		29.09	0.001790	1.36	13.93	10.44	0.38
Morticini	705.530	Max WS	TR200_TP01H	26.28	26.61	29.12		29.23	0.001827	1.43	18.42	13.14	0.38
Morticini	705.530	Max WS	TR200_TP03H	27.87	26.61	29.16		29.27	0.001905	1.48	18.87	13.14	0.39
Morticini	705.530	Max WS	TR200_TP06H	25.66	26.61	29.09		29.19	0.001887	1.43	17.94	13.14	0.39
Morticini	705.530	Max WS	TR030_TP06H	20.03	26.61	28.96		29.04	0.001516	1.22	16.36	13.01	0.35
Morticini	705.530	Max WS	TR030_TP03H	21.60	26.61	28.98		29.07	0.001693	1.30	16.62	13.14	0.37
Morticini	705.530	Max WS	TR030_TP01H	20.18	26.61	28.93		29.01	0.001648	1.27	15.87	12.72	0.36
Morticini	650.664	Max WS	TR200_TP01H	23.07	26.25	29.10		29.16	0.000766	1.05	22.06	12.33	0.25
Morticini	650.664	Max WS	TR200_TP03H	24.95	26.25	29.13		29.20	0.000854	1.11	22.41	12.33	0.26
Morticini	650.664	Max WS	TR200_TP06H	22.29	26.25	29.07		29.12	0.000758	1.03	21.63	12.33	0.25
Morticini	650.664	Max WS	TR030_TP06H	17.58	26.25	28.95		28.99	0.000586	0.87	20.13	12.33	0.22
Morticini	650.664	Max WS	TR030_TP03H	18.78	26.25	28.97		29.01	0.000643	0.92	20.39	12.33	0.23
Morticini	650.664	Max WS	TR030_TP01H	17.50	26.25	28.91		28.95	0.000622	0.89	19.67	12.33	0.22
Morticini	610.860	Max WS	TR200_TP01H	24.38	26.36	29.06		29.12	0.000917	1.12	21.79	13.32	0.28
Morticini	610.860	Max WS	TR200_TP03H	26.31	26.36	29.08		29.16	0.001022	1.19	22.10	13.32	0.29
Morticini	610.860	Max WS	TR200_TP06H	23.47	26.36	29.03		29.09	0.000907	1.10	21.34	13.32	0.28
Morticini	610.860	Max WS	TR030_TP06H	18.64	26.36	28.91		28.96	0.000719	0.94	19.85	13.32	0.24
Morticini	610.860	Max WS	TR030_TP03H	19.75	26.36	28.93		28.98	0.000776	0.98	20.10	13.32	0.25
Morticini	610.860	Max WS	TR030_TP01H	19.22	26.36	28.86		28.92	0.000827	1.00	19.21	12.80	0.26
Morticini	590.779	Max WS	TR200_TP01H	23.13	26.35	29.05		29.10	0.000941	1.08	21.43	13.72	0.28
Morticini	590.779	Max WS	TR200_TP03H	24.83	26.35	29.07		29.13	0.001037	1.14	21.74	13.72	0.29
Morticini	590.779	Max WS	TR200_TP06H	22.25	26.35	29.01		29.07	0.000930	1.06	20.97	13.72	0.27
Morticini	590.779	Max WS	TR030_TP06H	17.89	26.35	28.90		28.94	0.000664	0.92	19.52	12.30	0.23
Morticini	590.779	Max WS	TR030_TP03H	18.91	26.35	28.92		28.97	0.000731	0.96	19.74	12.52	0.24
Morticini	590.779	Max WS	TR030_TP01H	18.79	26.35	28.85		28.90	0.000778	1.00	18.87	11.83	0.25
Morticini	549.483	Max WS	TR200_TP01H	22.04	26.17	28.98		29.06	0.001296	1.23	17.97	11.78	0.32
Morticini	549.483	Max WS	TR200_TP03H	23.24	26.17	29.01		29.09	0.001374	1.27	18.26	11.78	0.33
Morticini	549.483	Max WS	TR200_TP06H	21.36	26.17	28.95		29.03	0.001305	1.22	17.57	11.78	0.32
Morticini	549.483	Max WS	TR030_TP06H	18.09	26.17	28.84		28.90	0.001190	1.11	16.24	11.78	0.30
Morticini	549.483	Max WS	TR030_TP03H	18.64	26.17	28.86		28.92	0.001211	1.13	16.47	11.78	0.31
Morticini	549.483	Max WS	TR030_TP01H	18.53	26.17	28.75		28.82	0.001441	1.22	15.20	11.16	0.33
Morticini	513.553	Max WS	TR200_TP01H	20.36	26.05	28.98		29.03	0.000771	0.98	20.79	13.27	0.25
Morticini	513.553	Max WS	TR200_TP03H	21.57	26.05	29.00		29.06	0.000828	1.02	21.10	13.27	0.26
Morticini	513.553	Max WS	TR200_TP06H	19.67	26.05	28.94		28.99	0.000770	0.97	20.33	13.27	0.25
Morticini	513.553	Max WS	TR030_TP06H	17.64	26.05	28.82		28.87	0.000804	0.94	18.68	13.27	0.25
Morticini	513.553	Max WS	TR030_TP03H	17.85	26.05	28.84		28.89	0.000784	0.94	18.98	13.27	0.25
Morticini	513.553	Max WS	TR030_TP01H	18.91	26.05	28.71		28.77	0.001115	1.09	17.29	12.63	0.30
Morticini	458.172	Max WS	TR200_TP01H	22.58	25.94	28.90		28.97	0.000914	1.15	19.63	10.18	0.26
Morticini	458.172	Max WS	TR200_TP03H	23.31	25.94	28.93		29.00	0.000937	1.17	19.89	10.18	0.27
Morticini	458.172	Max WS	TR200_TP06H	22.21	25.94	28.86		28.93	0.000939	1.15	19.23	10.18	0.27
Morticini	458.172	Max WS	TR030_TP06H	21.76	25.94	28.71		28.78	0.001161	1.23	17.65	10.18	0.30
Morticini	458.172	Max WS	TR030_TP03H	21.86	25.94	28.73		28.81	0.001119	1.22	17.93	10.18	0.29
Morticini	458.172	Max WS	TR030_TP01H	21.37	25.94	28.61		28.69	0.001339	1.29	16.62	10.18	0.32
Morticini	450.26	Max WS	TR200_TP01H	24.57	25.89	28.86		28.95	0.001127	1.28	19.16	9.81	0.29
Morticini	450.26	Max WS	TR200_TP03H	25.18	25.89	28.89		28.97	0.001137	1.30	19.42	9.81	0.29
Morticini	450.26	Max WS	TR200_TP06H	24.31	25.89	28.82		28.91	0.001175	1.30	18.75	9.81	0.30
Morticini	450.26	Max WS	TR030_TP06H	23.48	25.89	28.66		28.76	0.001408	1.36	17.21	9.81	0.33
Morticini	450.26	Max WS	TR030_TP03H	23.76	25.89	28.69		28.78	0.001383	1.36	17.46	9.81	0.33
Morticini	450.26	Max WS	TR030_TP01H	22.21	25.89	28.58		28.67	0.001466	1.36	16.35	9.81	0.34
Morticini	448.28	Max WS	TR200_TP01H	24.98	25.88	28.85	27.48	28.94	0.001176	1.30	19.20	10.01	0.30
Morticini	448.28	Max WS	TR200_TP03H	25.39	25.88	28.88	27.49	28.97	0.001162	1.30	19.51	10.01	0.30
Morticini	448.28	Max WS	TR200_TP06H	24.89	25.88	28.81	27.48	28.90	0.001255	1.33	18.74	10.01	0.31
Morticini	448.28	Max WS	TR030_TP06H	23.94	25.88	28.65	27.44	28.75	0.001500	1.39	17.18	10.01	0.34
Morticini	448.28	Max WS	TR030_TP03H	24.29	25.88	28.67	27.46	28.77	0.001482	1.39	17.42	10.01	0.34
Morticini	448.28	Max WS	TR030_TP01H	22.43	25.88	28.57	27.40	28.66	0.001526	1.37	16.35	10.01	0.34
Morticini	440		Bridge										
Morticini	434.44	Max WS	TR200_TP01H	24.97	25.78	28.50		28.63	0.001973	1.59	15.68	9.07	0.39
Morticini	434.44	Max WS	TR200_TP03H	25.39	25.78	28.53		28.66	0.001935	1.59	15.96	9.07	0.38
Morticini	434.44	Max WS	TR200_TP06H	24.89	25.78	28.43		28.57	0.002214	1.65	15.04	9.07	0.41
Morticini	434.44	Max WS	TR030_TP06H	23.94	25.78	28.24		28.40	0.002848	1.80	13.29	8.68	0.46
Morticini	434.44	Max WS	TR030_TP03H	24.28	25.78	28.25		28.42	0.002839	1.80	13.46	8.75	0.46
Morticini	434.44	Max WS	TR030_TP01H	21.70	25.78	28.20		28.34	0.002485	1.67	12.98	8.56	0.43
Morticini	433.99		Lat Struct										
Morticini	433.98		Lat Struct										
Morticini	428.51	Max WS	TR200_TP01H	25.99	25.74	28.46		28.60	0.002257	1.70	15.28	8.80	0.41
Morticini	428.51	Max WS	TR200_TP03H	26.48	25.74	28.49		28.63	0.002231	1.70	15.54	8.80	0.41

HEC-RAS River: Morticini Reach: Morticini Profile: Max WS (Continued)

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
Morticini	428.51	Max WS	TR200_TP06H	25.96	25.74	28.38		28.54	0.002573	1.78	14.60	8.80	0.44
Morticini	428.51	Max WS	TR030_TP06H	24.17	25.74	28.20		28.38	0.002970	1.85	13.08	8.40	0.47
Morticini	428.51	Max WS	TR030_TP03H	24.57	25.74	28.22		28.40	0.002986	1.86	13.23	8.45	0.47
Morticini	428.51	Max WS	TR030_TP01H	21.89	25.74	28.17		28.32	0.002554	1.70	12.85	8.31	0.44
Morticini	416.636	Max WS	TR200_TP01H	26.50	25.66	28.41		28.57	0.002501	1.78	14.85	8.42	0.43
Morticini	416.636	Max WS	TR200_TP03H	26.95	25.66	28.44		28.60	0.002470	1.78	15.11	8.48	0.43
Morticini	416.636	Max WS	TR200_TP06H	26.50	25.66	28.32		28.50	0.002849	1.88	14.13	8.26	0.46
Morticini	416.636	Max WS	TR030_TP06H	24.25	25.66	28.16		28.34	0.003068	1.89	12.82	7.89	0.47
Morticini	416.636	Max WS	TR030_TP03H	24.67	25.66	28.17		28.36	0.003096	1.91	12.94	7.93	0.48
Morticini	416.636	Max WS	TR030_TP01H	22.18	25.66	28.13		28.29	0.002693	1.76	12.59	7.82	0.44
Morticini	357.209	Max WS	TR200_TP01H	28.68	25.69	27.86		28.21	0.008058	2.60	11.05	9.57	0.77
Morticini	357.209	Max WS	TR200_TP03H	29.46	25.69	27.88		28.23	0.008024	2.62	11.26	9.57	0.77
Morticini	357.209	Max WS	TR200_TP06H	27.19	25.69	27.83		28.16	0.007958	2.54	10.71	9.57	0.77
Morticini	357.209	Max WS	TR030_TP06H	23.60	25.69	27.75		28.04	0.007397	2.36	10.00	9.57	0.74
Morticini	357.209	Max WS	TR030_TP03H	24.01	25.69	27.75		28.05	0.007617	2.40	10.02	9.57	0.75
Morticini	357.209	Max WS	TR030_TP01H	22.26	25.69	27.77		28.02	0.006210	2.18	10.19	9.57	0.68
Morticini	327.331	Max WS	TR200_TP01H	27.86	25.44	27.82		27.99	0.003492	1.83	15.26	12.57	0.53
Morticini	327.331	Max WS	TR200_TP03H	28.70	25.44	27.84		28.02	0.003495	1.85	15.55	12.57	0.53
Morticini	327.331	Max WS	TR200_TP06H	26.38	25.44	27.78		27.94	0.003469	1.79	14.78	12.57	0.52
Morticini	327.331	Max WS	TR030_TP06H	23.64	25.44	27.67		27.83	0.003748	1.77	13.39	12.40	0.54
Morticini	327.331	Max WS	TR030_TP03H	24.02	25.44	27.67		27.83	0.003867	1.80	13.39	12.40	0.55
Morticini	327.331	Max WS	TR030_TP01H	22.48	25.44	27.70		27.84	0.003131	1.63	13.80	12.57	0.49
Morticini	302.746	Max WS	TR200_TP01H	26.04	25.45	27.81		27.92	0.001938	1.51	17.26	11.19	0.39
Morticini	302.746	Max WS	TR200_TP03H	26.93	25.45	27.83		27.95	0.001993	1.54	17.49	11.21	0.39
Morticini	302.746	Max WS	TR200_TP06H	24.72	25.45	27.77		27.88	0.001887	1.47	16.82	11.16	0.38
Morticini	302.746	Max WS	TR030_TP06H	22.19	25.45	27.65		27.76	0.001919	1.43	15.55	11.06	0.38
Morticini	302.746	Max WS	TR030_TP03H	22.54	25.45	27.65		27.76	0.001982	1.45	15.55	11.06	0.39
Morticini	302.746	Max WS	TR030_TP01H	21.25	25.45	27.68		27.78	0.001640	1.33	15.93	11.09	0.36
Morticini	300.99		Lat Struct										
Morticini	273.360	Max WS	TR200_TP01H	24.26	25.24	27.74		27.88	0.002200	1.62	14.98	9.33	0.41
Morticini	273.360	Max WS	TR200_TP03H	24.85	25.24	27.77		27.90	0.002209	1.63	15.21	9.37	0.41
Morticini	273.360	Max WS	TR200_TP06H	23.12	25.24	27.70		27.83	0.002145	1.58	14.60	9.27	0.40
Morticini	273.360	Max WS	TR030_TP06H	21.30	25.24	27.57		27.70	0.002318	1.59	13.40	9.07	0.42
Morticini	273.360	Max WS	TR030_TP03H	21.56	25.24	27.57		27.70	0.002385	1.61	13.38	9.07	0.42
Morticini	273.360	Max WS	TR030_TP01H	20.65	25.24	27.61		27.73	0.002023	1.50	13.76	9.13	0.39
Morticini	240.485	Max WS	TR200_TP01H	24.94	25.03	27.60		27.77	0.003086	1.81	13.75	9.58	0.48
Morticini	240.485	Max WS	TR200_TP03H	25.90	25.03	27.63		27.80	0.003134	1.85	14.04	9.62	0.49
Morticini	240.485	Max WS	TR200_TP06H	23.99	25.03	27.57		27.74	0.003003	1.78	13.51	9.55	0.48
Morticini	240.485	Max WS	TR030_TP06H	22.10	25.03	27.42		27.59	0.003536	1.83	12.06	9.34	0.51
Morticini	240.485	Max WS	TR030_TP03H	22.08	25.03	27.42		27.59	0.003540	1.83	12.05	9.34	0.52
Morticini	240.485	Max WS	TR030_TP01H	22.06	25.03	27.46		27.62	0.003251	1.78	12.40	9.39	0.49
Morticini	214.654	Max WS	TR200_TP01H	10.38	24.98	27.76		27.77	0.000242	0.57	18.35	11.20	0.14
Morticini	214.654	Max WS	TR200_TP03H	9.13	24.98	27.80		27.81	0.000177	0.48	18.84	11.48	0.12
Morticini	214.654	Max WS	TR200_TP06H	10.66	24.98	27.72		27.74	0.000272	0.60	17.91	11.06	0.15
Morticini	214.654	Max WS	TR030_TP06H	16.41	24.98	27.49		27.55	0.000950	1.06	15.49	10.31	0.28
Morticini	214.654	Max WS	TR030_TP03H	16.34	24.98	27.49		27.55	0.000941	1.05	15.49	10.31	0.27
Morticini	214.654	Max WS	TR030_TP01H	15.52	24.98	27.54		27.59	0.000783	0.97	15.97	10.46	0.25
Morticini	210.98		Lat Struct										
Morticini	178.655	Max WS	TR200_TP01H	10.97	24.92	27.75		27.76	0.000216	0.55	20.01	11.98	0.14
Morticini	178.655	Max WS	TR200_TP03H	9.70	24.92	27.79		27.80	0.000158	0.47	20.56	12.20	0.12
Morticini	178.655	Max WS	TR200_TP06H	11.10	24.92	27.71		27.72	0.000235	0.57	19.54	11.80	0.14
Morticini	178.655	Max WS	TR030_TP06H	16.65	24.92	27.46		27.51	0.000794	1.00	16.71	10.87	0.26
Morticini	178.655	Max WS	TR030_TP03H	16.40	24.92	27.46		27.51	0.000766	0.98	16.75	10.88	0.25
Morticini	178.655	Max WS	TR030_TP01H	16.61	24.92	27.50		27.55	0.000733	0.97	17.17	10.98	0.25
Morticini	108.097	Max WS	TR200_TP01H	24.57	24.98	27.22		27.47	0.004974	2.24	10.99	7.82	0.60
Morticini	108.097	Max WS	TR200_TP03H	26.52	24.98	27.24		27.53	0.005535	2.37	11.18	7.87	0.64
Morticini	108.097	Max WS	TR200_TP06H	24.81	24.98	27.21		27.48	0.005147	2.27	10.93	7.80	0.61
Morticini	108.097	Max WS	TR030_TP06H	20.84	24.98	27.11		27.33	0.004438	2.05	10.15	7.56	0.57
Morticini	108.097	Max WS	TR030_TP03H	20.46	24.98	27.10		27.31	0.004412	2.04	10.03	7.52	0.56
Morticini	108.097	Max WS	TR030_TP01H	21.36	24.98	27.15		27.36	0.004318	2.05	10.44	7.65	0.56
Morticini	87.697	Max WS	TR200_TP01H	26.12	24.79	27.17		27.32	0.002387	1.71	15.30	9.97	0.44
Morticini	87.697	Max WS	TR200_TP03H	27.06	24.79	27.20		27.35	0.002402	1.73	15.65	10.06	0.44
Morticini	87.697	Max WS	TR200_TP06H	25.15	24.79	27.18		27.31	0.002169	1.63	15.41	10.00	0.42
Morticini	87.697	Max WS	TR030_TP06H	21.03	24.79	27.08		27.19	0.001814	1.46	14.45	9.78	0.38
Morticini	87.697	Max WS	TR030_TP03H	21.08	24.79	27.07		27.18	0.001877	1.47	14.30	9.74	0.39
Morticini	87.697	Max WS	TR030_TP01H	22.24	24.79	27.10		27.22	0.001945	1.52	14.66	9.83	0.40
Morticini	64.306	Max WS	TR200_TP01H	23.48	24.82	27.02		27.18	0.002765	1.75	13.42	9.41	0.47
Morticini	64.306	Max WS	TR200_TP03H	26.49	24.82	27.06		27.25	0.003266	1.92	13.79	9.51	0.51
Morticini	64.306	Max WS	TR200_TP06H	25.40	24.82	27.06		27.23	0.003040	1.85	13.73	9.50	0.49
Morticini	64.306	Max WS	TR030_TP06H	20.99	24.82	26.99		27.12	0.002351	1.60	13.12	9.32	0.43
Morticini	64.306	Max WS	TR030_TP03H	20.15	24.82	26.98		27.10	0.002218	1.55	13.01	9.29	0.42
Morticini	64.306	Max WS	TR030_TP01H	23.02	24.82	26.98		27.14	0.002912	1.77	12.98	9.28	0.48
Morticini	26.293	Max WS	TR200_TP01H	17.12	24.36	27.10		27.12	0.000206	0.70	24.47	10.28	0.14
Morticini	26.293	Max WS	TR200_TP03H	19.23	24.36	27.15		27.18	0.000244	0.77	25.07	10.36	0.16
Morticini	26.293	Max WS	TR200_TP06H	17.89	24.36	27.14		27.17	0.000214	0.72	24.93	10.34	0.15
Morticini	26.293	Max WS	TR030_TP06H	15.98	24.36	27.05		27.07	0.000191	0.67	23.96	10.21	0.14
Morticini	26.293	Max WS	TR030_TP03H	16.00	24.36	27.03		27.05	0.000195	0.67	23.80	10.19	0.14
Morticini	26.293	Max WS	TR030_TP01H	17.58	24.36	27.04		27.07	0.000232	0.74	23.90	10.20	0.15
Morticini	22	Max WS	TR200_TP01H	13.27	24.36	27.11		27.12	0.000122	0.54	24.61	10.30	0.11
Morticini	22	Max WS	TR200_TP03H	13.78	24.36	27.17		27.19	0.000122	0.55	25.28	10.38	0.11
Morticini	22	Max WS	TR200_TP06H	12.99	24.36	27.16		27.17	0.000111	0.52	25.10	10.36	0.11
Morticini	22	Max WS	TR030_TP06H	13.68	24.36	27.05		27.07	0.000139	0.57	24.02	10.22	0.12
Morticini	22	Max WS	TR030_TP03H	13.96	24.36	27.04		27.05	0.000147	0.59	23.85	10.20	0.12

HEC-RAS River: Morticini Reach: Morticini Profile: Max WS (Continued)

Reach	River Sta	Profile	Plan	Q Total (m3/s)	Min Chl 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
Morticini	22	Max WS	TR030_TP01H	15.32	24.36	27.05		27.07	0.000175	0.64	23.97	10.21	0.13
Morticini	20	Max WS	TR200_TP01H	15.04	24.36	27.11	25.07	27.13	0.000156	0.61	24.63	10.30	0.13
Morticini	20	Max WS	TR200_TP03H	13.32	24.36	27.18	25.02	27.19	0.000114	0.53	25.30	10.39	0.11
Morticini	20	Max WS	TR200_TP06H	12.57	24.36	27.16	24.99	27.17	0.000103	0.50	25.12	10.36	0.10
Morticini	20	Max WS	TR030_TP06H	13.42	24.36	27.05	25.02	27.07	0.000133	0.56	24.04	10.22	0.12
Morticini	20	Max WS	TR030_TP03H	13.72	24.36	27.04	25.03	27.05	0.000142	0.57	23.87	10.20	0.12
Morticini	20	Max WS	TR030_TP01H	15.00	24.36	27.05	25.07	27.07	0.000168	0.63	23.98	10.22	0.13
Morticini	13												
Morticini	12.5	Max WS	TR200_TP01H	12.52	24.20	26.88		26.96	0.001142	1.22	10.28	3.95	0.24
Morticini	12.5	Max WS	TR200_TP03H	12.29	24.20	26.95		27.02	0.001033	1.17	10.54	3.95	0.23
Morticini	12.5	Max WS	TR200_TP06H	12.38	24.20	26.94		27.01	0.001056	1.18	10.51	3.95	0.23
Morticini	12.5	Max WS	TR030_TP06H	13.17	24.20	26.80		26.89	0.001369	1.32	9.97	3.94	0.27
Morticini	12.5	Max WS	TR030_TP03H	12.90	24.20	26.79		26.88	0.001326	1.30	9.93	3.94	0.26
Morticini	12.5	Max WS	TR030_TP01H	12.51	24.20	26.74		26.82	0.001321	1.29	9.71	3.94	0.26
Morticini	12.399												
Morticini	12.398												
Morticini	12.2	Max WS	TR200_TP01H	12.45	24.20	26.87		26.95	0.001140	1.22	10.25	3.95	0.24
Morticini	12.2	Max WS	TR200_TP03H	12.22	24.20	26.94		27.01	0.001029	1.16	10.51	3.95	0.23
Morticini	12.2	Max WS	TR200_TP06H	12.30	24.20	26.93		27.00	0.001050	1.17	10.48	3.95	0.23
Morticini	12.2	Max WS	TR030_TP06H	13.14	24.20	26.79		26.88	0.001381	1.33	9.92	3.94	0.27
Morticini	12.2	Max WS	TR030_TP03H	12.87	24.20	26.78		26.87	0.001338	1.30	9.88	3.94	0.26
Morticini	12.2	Max WS	TR030_TP01H	12.51	24.20	26.73		26.81	0.001339	1.30	9.66	3.94	0.26
Morticini	12.1	Max WS	TR200_TP01H	11.86	24.20	26.87		26.94	0.001036	1.16	10.24	3.95	0.23
Morticini	12.1	Max WS	TR200_TP03H	11.73	24.20	26.94		27.00	0.000950	1.12	10.50	3.95	0.22
Morticini	12.1	Max WS	TR200_TP06H	11.77	24.20	26.93		27.00	0.000963	1.12	10.47	3.95	0.22
Morticini	12.1	Max WS	TR030_TP06H	12.45	24.20	26.79		26.87	0.001239	1.26	9.92	3.94	0.25
Morticini	12.1	Max WS	TR030_TP03H	12.22	24.20	26.78		26.86	0.001205	1.24	9.88	3.94	0.25
Morticini	12.1	Max WS	TR030_TP01H	12.14	24.20	26.72		26.80	0.001269	1.26	9.63	3.94	0.26
Morticini	12	Max WS	TR200_TP01H	11.76	24.20	26.87		26.94	0.001018	1.15	10.24	3.95	0.23
Morticini	12	Max WS	TR200_TP03H	11.65	24.20	26.94		27.00	0.000937	1.11	10.50	3.95	0.22
Morticini	12	Max WS	TR200_TP06H	11.69	24.20	26.93		26.99	0.000950	1.12	10.47	3.95	0.22
Morticini	12	Max WS	TR030_TP06H	12.33	24.20	26.79		26.87	0.001214	1.24	9.92	3.94	0.25
Morticini	12	Max WS	TR030_TP03H	12.10	24.20	26.78		26.86	0.001180	1.22	9.88	3.94	0.25
Morticini	12	Max WS	TR030_TP01H	12.05	24.20	26.72		26.80	0.001252	1.25	9.63	3.94	0.26
Morticini	11.500	Max WS	TR200_TP01H	9.61	24.19	26.85		26.90	0.000772	0.98	9.78	3.76	0.19
Morticini	11.500	Max WS	TR200_TP03H	9.34	24.19	26.92		26.96	0.000682	0.93	10.04	3.77	0.18
Morticini	11.500	Max WS	TR200_TP06H	9.39	24.19	26.91		26.96	0.000693	0.94	10.02	3.77	0.18
Morticini	11.500	Max WS	TR030_TP06H	10.89	24.19	26.74		26.81	0.001103	1.16	9.37	3.75	0.23
Morticini	11.500	Max WS	TR030_TP03H	10.71	24.19	26.73		26.80	0.001078	1.15	9.33	3.75	0.23
Morticini	11.500	Max WS	TR030_TP01H	11.23	24.19	26.64		26.72	0.001302	1.25	9.00	3.74	0.26
Morticini	11	Max WS	TR200_TP01H	9.53	24.19	26.78		26.84	0.000931	1.05	9.09	3.59	0.21
Morticini	11	Max WS	TR200_TP03H	9.52	24.19	26.85		26.91	0.000867	1.02	9.34	3.60	0.20
Morticini	11	Max WS	TR200_TP06H	9.55	24.19	26.85		26.90	0.000877	1.03	9.32	3.60	0.20
Morticini	11	Max WS	TR030_TP06H	9.62	24.19	26.68		26.74	0.001054	1.11	8.72	3.58	0.22
Morticini	11	Max WS	TR030_TP03H	9.64	24.19	26.67		26.73	0.001072	1.11	8.67	3.57	0.23
Morticini	11	Max WS	TR030_TP01H	12.03	24.19	26.47		26.59	0.002065	1.51	7.98	3.55	0.32
Morticini	10.5	Max WS	TR200_TP01H	6.79	23.86	26.79		26.82	0.000435	0.73	9.46	3.70	0.14
Morticini	10.5	Max WS	TR200_TP03H	6.59	23.86	26.87		26.89	0.000380	0.69	9.73	3.71	0.13
Morticini	10.5	Max WS	TR200_TP06H	6.61	23.86	26.86		26.89	0.000384	0.69	9.71	3.71	0.13
Morticini	10.5	Max WS	TR030_TP06H	8.75	23.86	26.63		26.68	0.000862	1.00	8.84	3.70	0.19
Morticini	10.5	Max WS	TR030_TP03H	9.36	23.86	26.59		26.65	0.001026	1.08	8.71	3.70	0.21
Morticini	10.5	Max WS	TR030_TP01H	14.83	23.86	26.11		26.33	0.004274	2.08	7.12	3.20	0.44
Morticini	10	Max WS	TR200_TP01H	6.51	23.86	26.80	24.62	26.82	0.000398	0.70	9.49	3.77	0.13
Morticini	10	Max WS	TR200_TP03H	6.22	23.86	26.87	24.60	26.89	0.000337	0.65	9.76	3.78	0.12
Morticini	10	Max WS	TR200_TP06H	6.24	23.86	26.86	24.60	26.89	0.000341	0.65	9.74	3.78	0.12
Morticini	10	Max WS	TR030_TP06H	8.69	23.86	26.63	24.78	26.68	0.000850	0.99	8.85	3.77	0.19
Morticini	10	Max WS	TR030_TP03H	9.35	23.86	26.59	24.82	26.65	0.001024	1.08	8.71	3.77	0.21
Morticini	10	Max WS	TR030_TP01H	14.83	23.86	26.10	25.17	26.33	0.004325	2.09	7.09	3.20	0.45
Morticini	9.5												
Morticini	9	Max WS	TR200_TP01H	6.49	23.82	26.74		26.76	0.000295	0.61	10.78	5.63	0.14
Morticini	9	Max WS	TR200_TP03H	6.16	23.82	26.82		26.83	0.000236	0.55	11.22	5.63	0.12
Morticini	9	Max WS	TR200_TP06H	6.21	23.82	26.81		26.83	0.000243	0.56	11.18	5.63	0.12
Morticini	9	Max WS	TR030_TP06H	8.68	23.82	26.53		26.57	0.000743	0.91	9.59	5.62	0.21
Morticini	9	Max WS	TR030_TP03H	9.34	23.82	26.48		26.53	0.000931	1.00	9.32	5.26	0.24
Morticini	9	Max WS	TR030_TP01H	14.80	23.82	25.98		26.21	0.005042	2.14	6.91	4.39	0.54
Morticini	8.599												
Morticini	8.598												
Morticini	8.5	Max WS	TR200_TP01H	8.22	23.82	26.71		26.74	0.000534	0.77	10.74	6.12	0.18
Morticini	8.5	Max WS	TR200_TP03H	8.23	23.82	26.79		26.82	0.000474	0.73	11.21	6.12	0.17
Morticini	8.5	Max WS	TR200_TP06H	8.28	23.82	26.78		26.81	0.000484	0.74	11.17	6.12	0.18
Morticini	8.5	Max WS	TR030_TP06H	9.88	23.82	26.49		26.55	0.001097	1.05	9.40	5.82	0.26
Morticini	8.5	Max WS	TR030_TP03H	10.56	23.82	26.44		26.50	0.001265	1.16	9.10	5.19	0.28
Morticini	8.5	Max WS	TR030_TP01H	14.80	23.82	25.92		26.17	0.005573	2.23	6.65	4.29	0.57
Morticini	8	Max WS	TR200_TP01H	13.33	23.54	26.66		26.69	0.000312	0.72	18.50	9.21	0.16
Morticini	8	Max WS	TR200_TP03H	11.65	23.54	26.76		26.78	0.000206	0.60	19.39	9.21	0.13
Morticini	8	Max WS	TR200_TP06H	11.76	23.54	26.75		26.77	0.000212	0.61	19.32	9.21	0.13
Morticini	8	Max WS	TR030_TP06H	16.08	23.54	26.38		26.43	0.000716	1.01	15.87	8.99	0.24
Morticini	8	Max WS	TR030_TP03H	16.10	23.54	26.33		26.39	0.000764	1.04	15.49	8.85	0.25
Morticini	8	Max WS	TR030_TP01H	15.34	23.54	25.78		25.88	0.001615	1.38	11.13	7.14	0.35

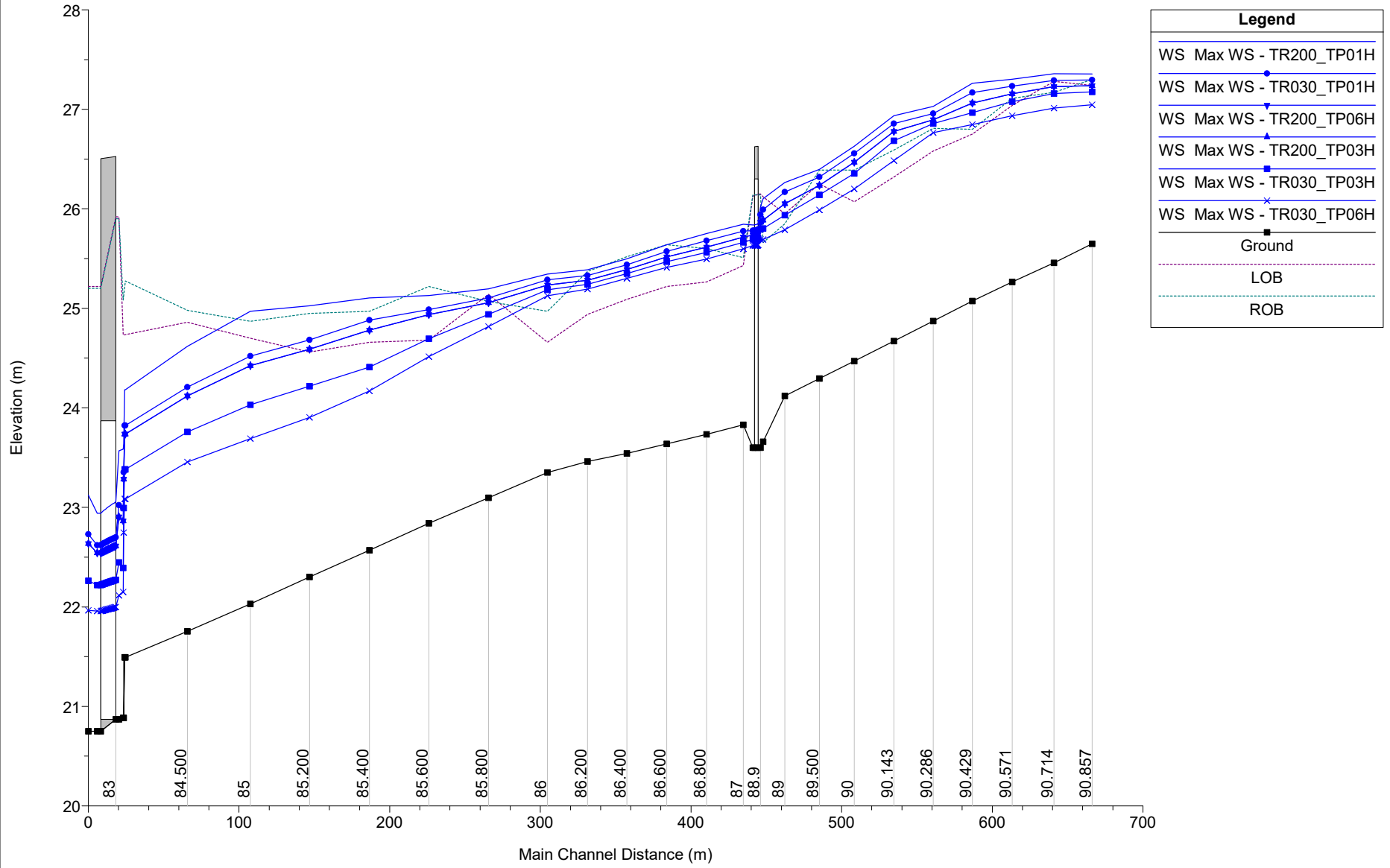
HEC-RAS River: Morticini Reach: Morticini Profile: Max WS (Continued)

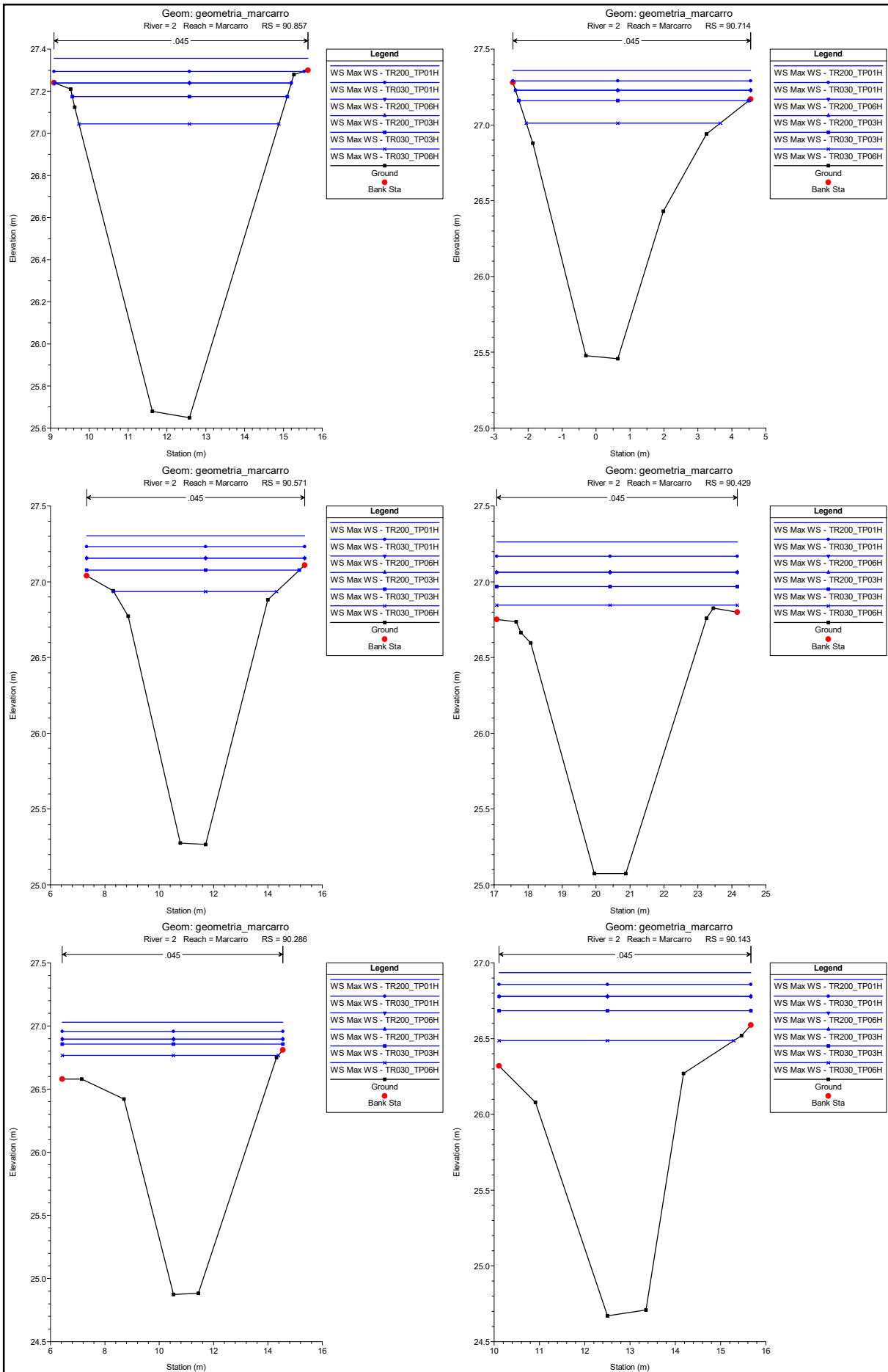
Reach	River Sta	Profile	Plan	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Morticini	7.8	Max WS	TR200_TP01H	13.03	23.54	26.65	24.56	26.68	0.000613	0.88	14.89	9.42	0.22
Morticini	7.8	Max WS	TR200_TP03H	9.76	23.54	26.76	24.38	26.78	0.000274	0.61	16.00	9.43	0.15
Morticini	7.8	Max WS	TR200_TP06H	9.89	23.54	26.76	24.39	26.78	0.000286	0.62	15.93	9.43	0.15
Morticini	7.8	Max WS	TR030_TP06H	16.73	23.54	26.30	24.75	26.40	0.002087	1.43	11.67	8.92	0.40
Morticini	7.8	Max WS	TR030_TP03H	16.67	23.54	26.25	24.74	26.36	0.002288	1.48	11.25	8.76	0.42
Morticini	7.8	Max WS	TR030_TP01H	15.34	23.54	25.70	24.68	25.86	0.000994	1.76	8.74	7.05	0.38
Morticini	7.5		Bridge										
Morticini	7	Max WS	TR200_TP01H	13.01	23.45	26.44		26.53	0.001343	1.31	10.06	4.37	0.24
Morticini	7	Max WS	TR200_TP03H	9.72	23.45	26.68		26.72	0.000569	0.90	11.09	4.37	0.16
Morticini	7	Max WS	TR200_TP06H	9.87	23.45	26.67		26.71	0.000593	0.92	11.04	4.37	0.16
Morticini	7	Max WS	TR030_TP06H	16.73	23.45	25.83		26.07	0.004209	2.13	7.84	3.36	0.45
Morticini	7	Max WS	TR030_TP03H	16.66	23.45	25.78		26.02	0.004417	2.17	7.67	3.35	0.46
Morticini	7	Max WS	TR030_TP01H	15.32	23.45	25.27		25.61	0.007208	2.57	5.95	3.32	0.61
Morticini	6.99		Lat Struct										
Morticini	6.98		Lat Struct										
Morticini	6.9328	Max WS	TR200_TP01H	20.57	23.42	26.10		26.35	0.004034	2.21	9.33	3.55	0.43
Morticini	6.9328	Max WS	TR200_TP03H	18.48	23.42	26.43		26.59	0.002399	1.76	10.49	3.72	0.33
Morticini	6.9328	Max WS	TR200_TP06H	18.72	23.42	26.41		26.57	0.002514	1.80	10.41	3.71	0.34
Morticini	6.9328	Max WS	TR030_TP06H	19.46	23.42	25.54		25.90	0.006686	2.65	7.34	3.52	0.59
Morticini	6.9328	Max WS	TR030_TP03H	19.75	23.42	25.45		25.85	0.007753	2.82	7.01	3.52	0.64
Morticini	6.9328	Max WS	TR030_TP01H	16.22	23.42	25.10		25.50	0.008706	2.80	5.78	3.50	0.70
Morticini	6.5111*	Max WS	TR200_TP01H	24.68	23.26	25.86		26.08	0.002945	2.09	11.79	4.70	0.42
Morticini	6.5111*	Max WS	TR200_TP03H	17.30	23.26	26.42		26.49	0.000860	1.20	14.41	4.71	0.22
Morticini	6.5111*	Max WS	TR200_TP06H	17.90	23.26	26.39		26.47	0.000944	1.25	14.27	4.71	0.23
Morticini	6.5111*	Max WS	TR030_TP06H	22.14	23.26	25.14		25.49	0.005898	2.64	8.39	4.68	0.63
Morticini	6.5111*	Max WS	TR030_TP03H	21.40	23.26	25.08		25.43	0.006023	2.63	8.13	4.68	0.64
Morticini	6.5111*	Max WS	TR030_TP01H	16.78	23.26	24.71		25.06	0.007134	2.61	6.42	4.63	0.71
Morticini	6.0168	Max WS	TR200_TP01H	31.31	23.07	25.60		25.82	0.002503	2.06	15.19	6.05	0.42
Morticini	6.0168	Max WS	TR200_TP03H	36.47	23.07	25.94		26.17	0.002403	2.11	17.26	6.06	0.40
Morticini	6.0168	Max WS	TR200_TP06H	36.16	23.07	25.93		26.15	0.002403	2.11	17.15	6.06	0.40
Morticini	6.0168	Max WS	TR030_TP06H	22.72	23.07	24.96		25.17	0.002968	2.00	11.34	6.05	0.47
Morticini	6.0168	Max WS	TR030_TP03H	21.92	23.07	24.90		25.11	0.003043	2.00	10.96	6.05	0.47
Morticini	6.0168	Max WS	TR030_TP01H	16.90	23.07	24.49		24.69	0.003812	2.00	8.45	6.04	0.54
Morticini	6	Max WS	TR200_TP01H	31.31	23.06	25.60		25.81	0.002446	2.04	15.32	6.10	0.41
Morticini	6	Max WS	TR200_TP03H	36.47	23.06	25.94		26.16	0.002348	2.09	17.41	6.11	0.40
Morticini	6	Max WS	TR200_TP06H	36.16	23.06	25.92		26.14	0.002348	2.09	17.30	6.11	0.40
Morticini	6	Max WS	TR030_TP06H	22.72	23.06	24.96		25.16	0.002903	1.99	11.44	6.09	0.46
Morticini	6	Max WS	TR030_TP03H	21.92	23.06	24.90		25.10	0.002978	1.98	11.05	6.09	0.47
Morticini	6	Max WS	TR030_TP01H	16.90	23.06	24.48		24.68	0.003745	1.98	8.51	6.09	0.54
Morticini	5.5		Culvert										
Morticini	5	Max WS	TR200_TP01H	31.31	22.70	25.59		25.76	0.001856	1.85	16.93	5.92	0.35
Morticini	5	Max WS	TR200_TP03H	36.47	22.70	25.92		26.11	0.001878	1.93	18.91	5.93	0.34
Morticini	5	Max WS	TR200_TP06H	36.16	22.70	25.90		26.09	0.001874	1.92	18.80	5.93	0.34
Morticini	5	Max WS	TR030_TP06H	22.72	22.70	24.97		25.12	0.001891	1.71	13.28	5.90	0.36
Morticini	5	Max WS	TR030_TP03H	21.92	22.70	24.91		25.05	0.001899	1.70	12.92	5.89	0.37
Morticini	5	Max WS	TR030_TP01H	16.90	22.70	24.51		24.64	0.001977	1.60	10.57	5.88	0.38
Morticini	4.599		Lat Struct										
Morticini	4.598		Lat Struct										
Morticini	4.5	Max WS	TR200_TP01H	31.31	22.70	25.56		25.74	0.001895	1.86	16.80	5.92	0.35
Morticini	4.5	Max WS	TR200_TP03H	36.47	22.70	25.90		26.09	0.001912	1.94	18.78	5.93	0.35
Morticini	4.5	Max WS	TR200_TP06H	36.16	22.70	25.88		26.07	0.001908	1.94	18.68	5.93	0.35
Morticini	4.5	Max WS	TR030_TP06H	22.72	22.70	24.94		25.10	0.001944	1.73	13.14	5.90	0.37
Morticini	4.5	Max WS	TR030_TP03H	21.92	22.70	24.88		25.03	0.001955	1.71	12.78	5.89	0.37
Morticini	4.5	Max WS	TR030_TP01H	16.90	22.70	24.48		24.62	0.002055	1.62	10.43	5.88	0.39
Morticini	4.2500	Max WS	TR200_TP01H	31.33	22.26	25.28		25.52	0.002905	2.18	14.36	4.82	0.40
Morticini	4.2500	Max WS	TR200_TP03H	36.09	22.26	25.61		25.87	0.002930	2.26	15.98	4.83	0.40
Morticini	4.2500	Max WS	TR200_TP06H	35.84	22.26	25.59		25.85	0.002935	2.26	15.88	4.83	0.40
Morticini	4.2500	Max WS	TR030_TP06H	22.73	22.26	24.68		24.88	0.002740	1.98	11.50	4.80	0.41
Morticini	4.2500	Max WS	TR030_TP03H	21.93	22.26	24.62		24.82	0.002726	1.95	11.22	4.80	0.41
Morticini	4.2500	Max WS	TR030_TP01H	16.91	22.26	24.24		24.40	0.002642	1.81	9.37	4.79	0.41
Morticini	4	Max WS	TR200_TP01H	31.35	21.83	24.33		24.93	0.009812	3.43	9.13	3.70	0.70
Morticini	4	Max WS	TR200_TP03H	36.42	21.83	24.59		25.25	0.010328	3.62	10.06	3.71	0.70
Morticini	4	Max WS	TR200_TP06H	36.14	21.83	24.57		25.24	0.010285	3.61	10.02	3.71	0.70
Morticini	4	Max WS	TR030_TP06H	22.74	21.83	23.87		24.35	0.008819	3.06	7.43	3.69	0.69
Morticini	4	Max WS	TR030_TP03H	21.95	21.83	23.83		24.29	0.008727	3.02	7.26	3.69	0.69
Morticini	4	Max WS	TR030_TP01H	16.93	21.83	23.53		23.91	0.008075	2.75	6.15	3.68	0.68
Morticini	3.8	Max WS	TR200_TP01H	31.34	21.83	24.28	23.80	24.91	0.010412	3.51	8.92	3.70	0.72
Morticini	3.8	Max WS	TR200_TP03H	36.42	21.83	24.53	24.00	25.22	0.010934	3.70	9.84	3.71	0.73
Morticini	3.8	Max WS	TR200_TP06H	36.14	21.83	24.51	23.99	25.21	0.010886	3.69	9.80	3.71	0.72
Morticini	3.8	Max WS	TR030_TP06H	22.74	21.83	23.83	23.42	24.33	0.009401	3.14	7.25	3.69	0.71
Morticini	3.8	Max WS	TR030_TP03H	21.95	21.83	23.78	23.38	24.27	0.009311	3.10	7.09	3.68	0.71
Morticini	3.8	Max WS	TR030_TP01H	16.92	21.83	23.48	23.14	23.89	0.008647	2.82	6.00	3.67	0.70
Morticini	3.5		Bridge										
Morticini	3	Max WS	TR200_TP01H	31.34	21.78	24.22		24.83	0.010015	3.46	9.06	3.76	0.71
Morticini	3	Max WS	TR200_TP03H	36.42	21.78	24.46		25.15	0.010578	3.66	9.96	3.76	0.72
Morticini	3	Max WS	TR200_TP06H	36.14	21.78	24.45		25.13	0.010526	3.64	9.92	3.76	0.72
Morticini	3	Max WS	TR030_TP06H	22.74	21.78	23.78		24.26	0.008948	3.07	7.40	3.75	0.70
Morticini	3	Max WS	TR030_TP03H	21.95	21.78	23.74		24.21	0.008841	3.03	7.23	3.75	0.70
Morticini	3	Max WS	TR030_TP01H	16.92	21.78	23.45		23.83	0.008175	2.76	6.14	3.75	0.69

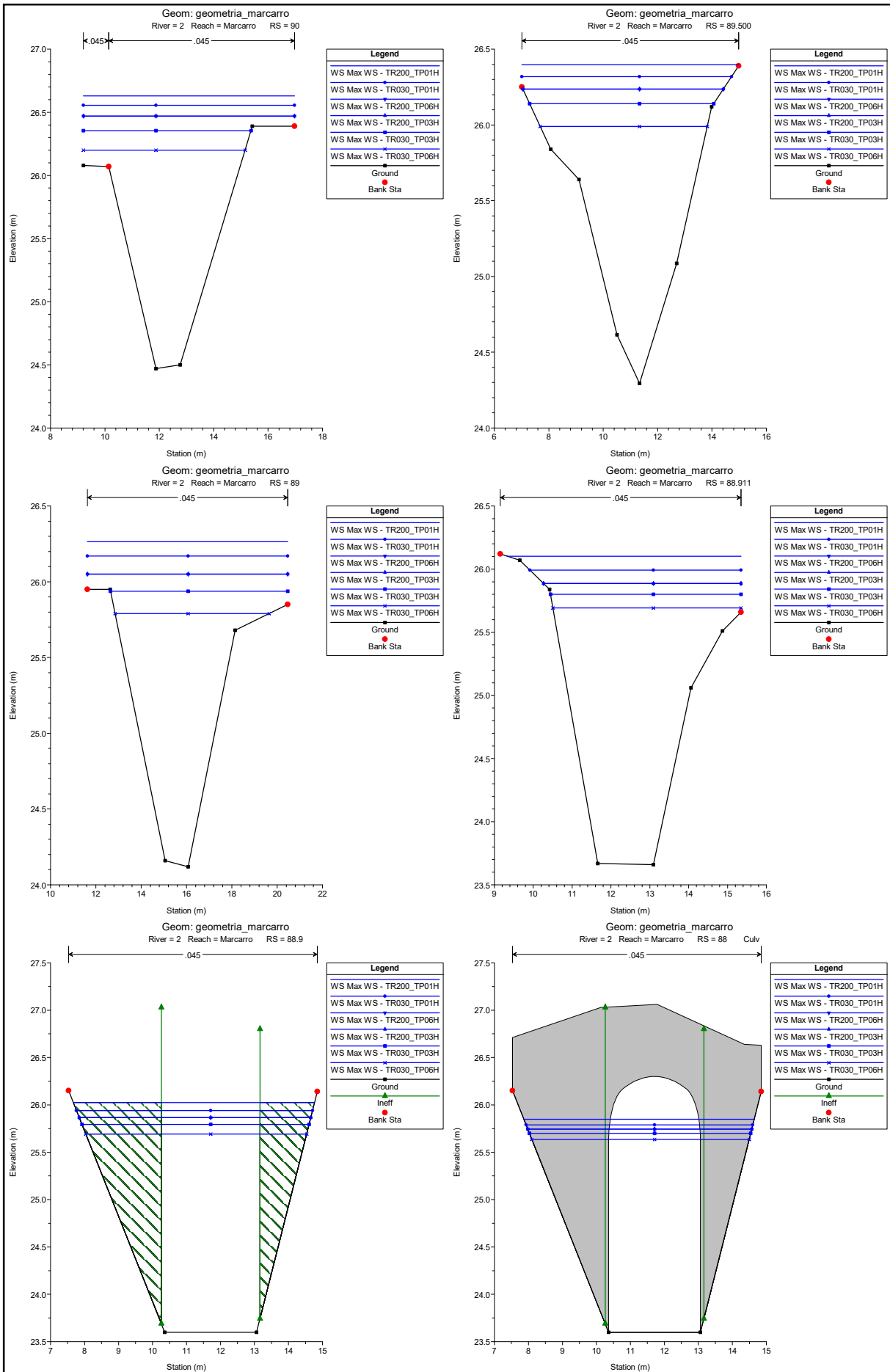
HEC-RAS River: Morticini Reach: Morticini Profile: Max WS (Continued)

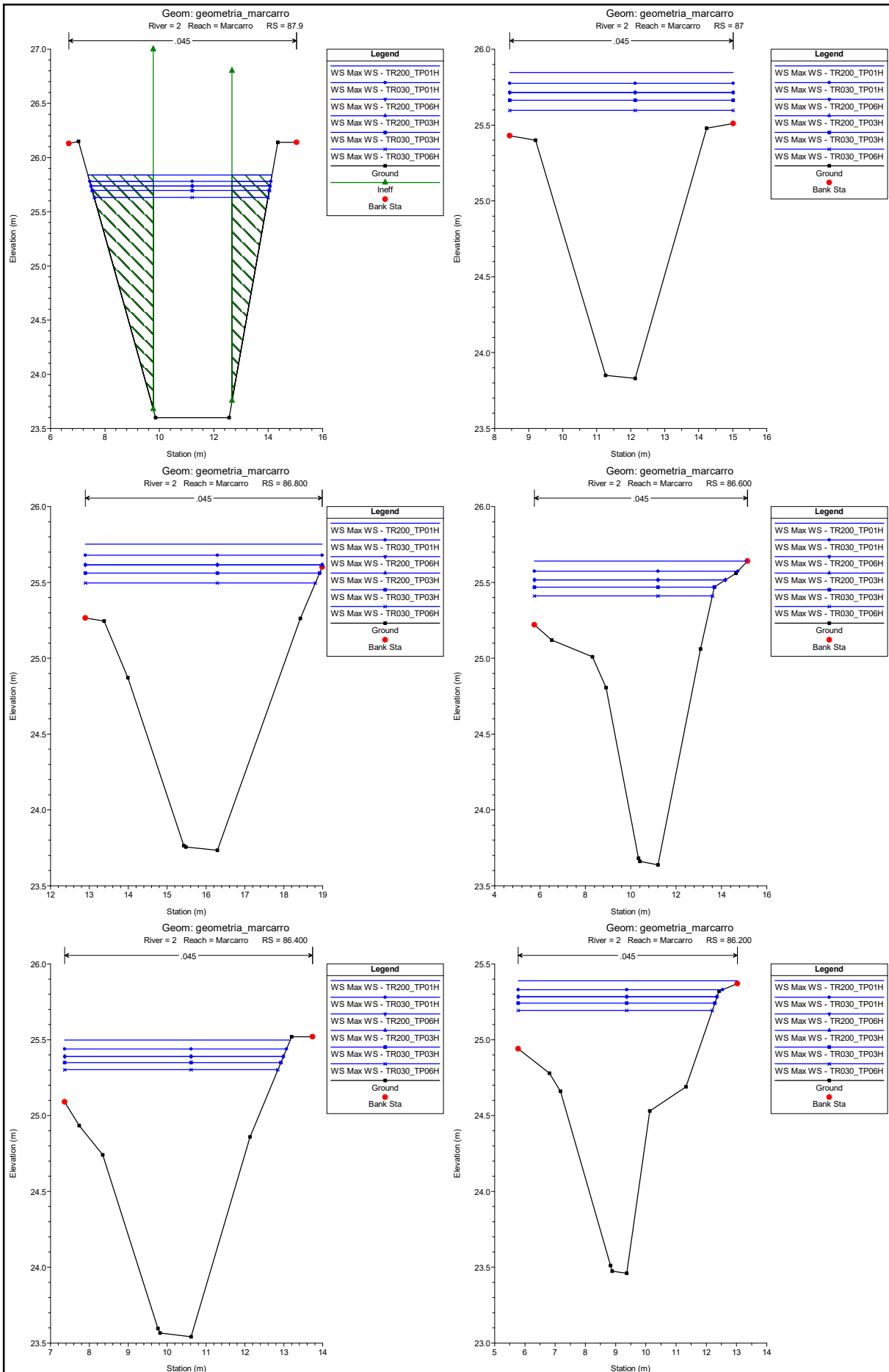
Reach	River Sta	Profile	Plan	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Morticini	2.899												
				Lat Struct									
Morticini	2.898												
				Lat Struct									
Morticini	2.8	Max WS	TR200_TP01H	31.34	21.78	23.62	23.73	24.71	0.021235	4.61	6.80	3.75	1.09
Morticini	2.8	Max WS	TR200_TP03H	36.42	21.78	23.82	23.93	25.01	0.021937	4.84	7.53	3.75	1.09
Morticini	2.8	Max WS	TR200_TP06H	36.14	21.78	23.80	23.92	24.99	0.021987	4.84	7.47	3.75	1.09
Morticini	2.8	Max WS	TR030_TP06H	22.74	21.78	23.27	23.36	24.15	0.020106	4.15	5.48	3.75	1.10
Morticini	2.8	Max WS	TR030_TP03H	21.94	21.78	23.24	23.32	24.09	0.019985	4.10	5.35	3.75	1.10
Morticini	2.8	Max WS	TR030_TP01H	16.92	21.78	23.01	23.08	23.73	0.019023	3.74	4.52	3.74	1.09
Morticini	2	Max WS	TR200_TP01H	31.68	20.98	22.98		23.26	0.003527	2.32	13.68	6.95	0.53
Morticini	2	Max WS	TR200_TP03H	36.75	20.98	23.19		23.49	0.003562	2.43	15.14	6.96	0.53
Morticini	2	Max WS	TR200_TP06H	36.39	20.98	23.18		23.48	0.003559	2.42	15.04	6.96	0.53
Morticini	2	Max WS	TR030_TP06H	22.89	20.98	22.60		22.82	0.003416	2.07	11.03	6.93	0.52
Morticini	2	Max WS	TR030_TP03H	22.08	20.98	22.57		22.78	0.003408	2.05	10.78	6.93	0.52
Morticini	2	Max WS	TR030_TP01H	17.10	20.98	22.32		22.50	0.003366	1.88	9.09	6.92	0.52
Morticini	1.8	Max WS	TR200_TP01H	31.68	20.98	22.78	22.39	23.20	0.003427	2.87	11.04	6.94	0.69
Morticini	1.8	Max WS	TR200_TP03H	36.75	20.98	22.98	22.53	23.44	0.003273	3.00	12.23	6.95	0.68
Morticini	1.8	Max WS	TR200_TP06H	36.39	20.98	22.96	22.52	23.42	0.003284	2.99	12.15	6.95	0.68
Morticini	1.8	Max WS	TR030_TP06H	22.89	20.98	22.44	22.11	22.78	0.003632	2.56	8.93	6.92	0.68
Morticini	1.8	Max WS	TR030_TP03H	22.08	20.98	22.41	22.09	22.73	0.003664	2.53	8.71	6.92	0.68
Morticini	1.8	Max WS	TR030_TP01H	17.10	20.98	22.19	21.92	22.46	0.003883	2.33	7.34	6.91	0.68
Morticini	1.5			Bridge									
Morticini	1.3	Max WS	TR200_TP01H	31.68	20.85	22.73		23.11	0.002985	2.73	11.62	8.53	0.64
Morticini	1.3	Max WS	TR200_TP03H	36.75	20.85	22.89		23.32	0.003058	2.91	12.61	8.74	0.65
Morticini	1.3	Max WS	TR200_TP06H	36.39	20.85	22.88		23.31	0.003051	2.90	12.54	8.73	0.65
Morticini	1.3	Max WS	TR030_TP06H	22.89	20.85	22.42		22.70	0.002861	2.36	9.68	8.11	0.60
Morticini	1.3	Max WS	TR030_TP03H	22.08	20.85	22.39		22.66	0.002852	2.33	9.48	8.07	0.60
Morticini	1.3	Max WS	TR030_TP01H	17.10	20.85	22.18		22.40	0.002786	2.09	8.19	7.78	0.58
Morticini	1.2	Max WS	TR200_TP01H	31.68	20.85	22.81	22.19	23.06	0.003002	2.21	14.30	8.63	0.55
Morticini	1.2	Max WS	TR200_TP03H	36.75	20.85	22.99	22.33	23.26	0.003001	2.31	15.89	8.88	0.55
Morticini	1.2	Max WS	TR200_TP06H	36.39	20.85	22.97	22.32	23.25	0.003000	2.31	15.78	8.86	0.55
Morticini	1.2	Max WS	TR030_TP06H	22.89	20.85	22.46	21.94	22.66	0.003002	2.01	11.39	8.17	0.54
Morticini	1.2	Max WS	TR030_TP03H	22.08	20.85	22.42	21.91	22.63	0.003003	1.99	11.11	8.12	0.54
Morticini	1.2	Max WS	TR030_TP01H	17.10	20.85	22.20	21.75	22.37	0.003005	1.84	9.31	7.81	0.54

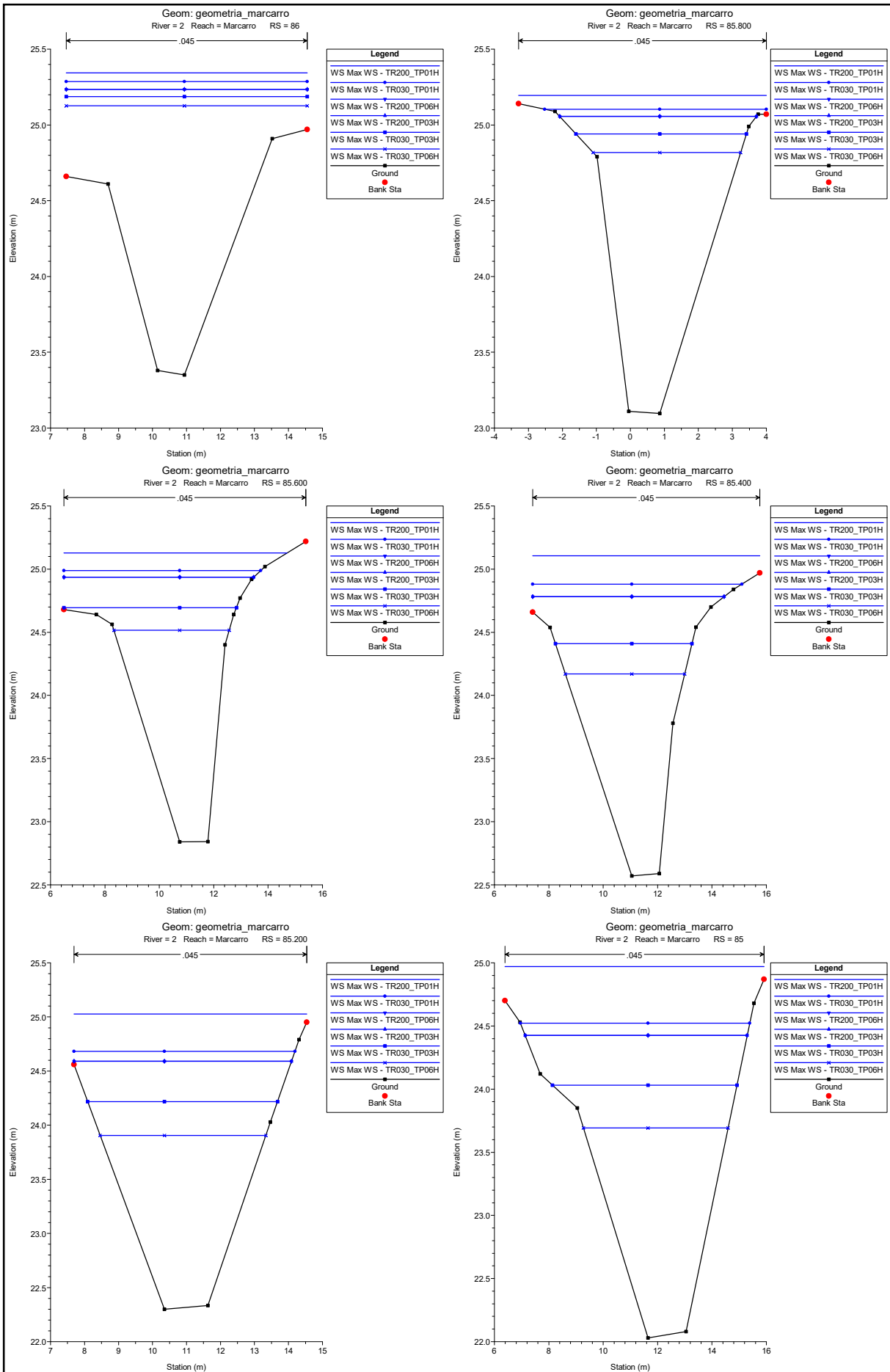
Geom: geometria_marcarro

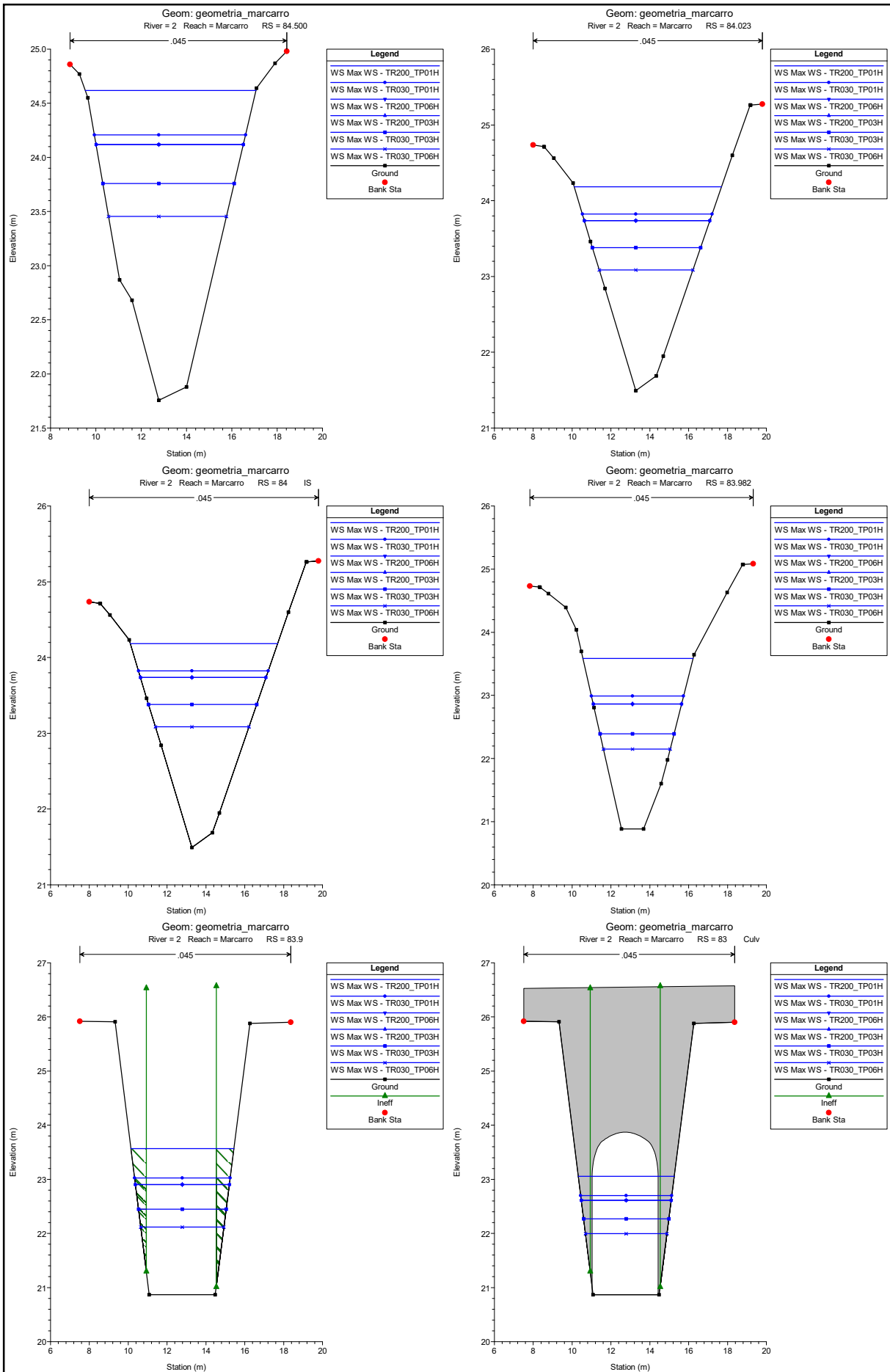


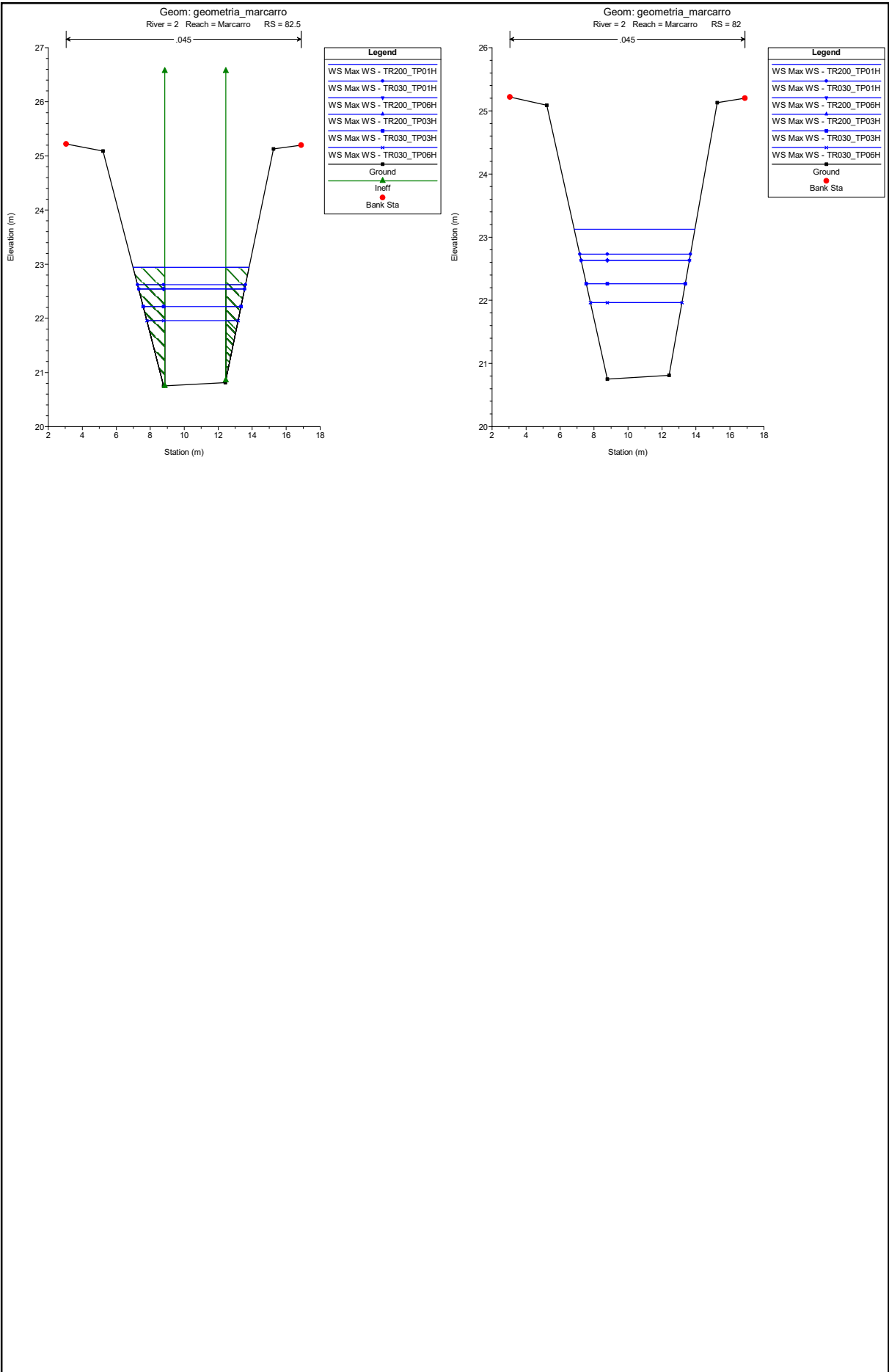












HEC-RAS River: 2 Reach: Marcarro Profile: Max WS

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
Marcarro	90.857	Max WS	TR200_TP01H	3.00	25.65	27.36		27.37	0.000693	0.50	6.02	6.54	0.17
Marcarro	90.857	Max WS	TR200_TP03H	3.00	25.65	27.24		27.26	0.000961	0.57	5.28	6.10	0.20
Marcarro	90.857	Max WS	TR200_TP06H	3.00	25.65	27.24		27.26	0.000961	0.57	5.28	6.10	0.20
Marcarro	90.857	Max WS	TR030_TP06H	3.00	25.65	27.05		27.07	0.001633	0.71	4.22	5.15	0.25
Marcarro	90.857	Max WS	TR030_TP03H	3.00	25.65	27.18		27.19	0.001086	0.61	4.91	5.54	0.21
Marcarro	90.857	Max WS	TR030_TP01H	3.00	25.65	27.29		27.31	0.000840	0.53	5.62	6.44	0.18
Marcarro	90.799		Lat Struct										
Marcarro	90.798		Lat Struct										
Marcarro	90.714	Max WS	TR200_TP01H	1.82	25.46	27.36		27.36	0.000179	0.26	6.93	7.00	0.08
Marcarro	90.714	Max WS	TR200_TP03H	2.58	25.46	27.23		27.24	0.000548	0.43	6.02	6.92	0.15
Marcarro	90.714	Max WS	TR200_TP06H	2.58	25.46	27.23		27.24	0.000548	0.43	6.02	6.92	0.15
Marcarro	90.714	Max WS	TR030_TP06H	2.95	25.46	27.01		27.03	0.001350	0.64	4.63	5.71	0.23
Marcarro	90.714	Max WS	TR030_TP03H	2.70	25.46	27.16		27.17	0.000756	0.49	5.55	6.77	0.17
Marcarro	90.714	Max WS	TR030_TP01H	2.23	25.46	27.29		27.30	0.000332	0.34	6.46	7.00	0.11
Marcarro	90.571	Max WS	TR200_TP01H	5.14	25.27	27.30		27.32	0.001009	0.63	8.12	8.02	0.20
Marcarro	90.571	Max WS	TR200_TP03H	5.11	25.27	27.16		27.18	0.001613	0.74	6.94	8.02	0.25
Marcarro	90.571	Max WS	TR200_TP06H	5.11	25.27	27.16		27.18	0.001613	0.74	6.94	8.02	0.25
Marcarro	90.571	Max WS	TR030_TP06H	4.25	25.27	26.94		26.97	0.001878	0.80	5.32	5.99	0.27
Marcarro	90.571	Max WS	TR030_TP03H	4.94	25.27	27.08		27.11	0.001968	0.78	6.31	7.82	0.28
Marcarro	90.571	Max WS	TR030_TP01H	4.98	25.27	27.23		27.25	0.001177	0.66	7.56	8.02	0.22
Marcarro	90.429	Max WS	TR200_TP01H	6.18	25.07	27.26		27.29	0.001031	0.70	8.86	7.08	0.20
Marcarro	90.429	Max WS	TR200_TP03H	7.01	25.07	27.06		27.11	0.002229	0.94	7.45	7.08	0.29
Marcarro	90.429	Max WS	TR200_TP06H	7.01	25.07	27.06		27.11	0.002229	0.94	7.45	7.08	0.29
Marcarro	90.429	Max WS	TR030_TP06H	5.44	25.07	26.85		26.89	0.002707	0.92	5.91	7.08	0.32
Marcarro	90.429	Max WS	TR030_TP03H	6.74	25.07	26.97		27.02	0.002750	1.00	6.77	7.08	0.33
Marcarro	90.429	Max WS	TR030_TP01H	6.67	25.07	27.17		27.20	0.001520	0.81	8.19	7.08	0.24
Marcarro	90.286	Max WS	TR200_TP01H	12.86	24.87	27.03		27.13	0.004402	1.40	9.18	8.12	0.42
Marcarro	90.286	Max WS	TR200_TP03H	10.20	24.87	26.90		26.98	0.004071	1.26	8.10	8.12	0.40
Marcarro	90.286	Max WS	TR200_TP06H	10.20	24.87	26.90		26.98	0.004071	1.26	8.10	8.12	0.40
Marcarro	90.286	Max WS	TR030_TP06H	6.46	24.87	26.77		26.81	0.002450	0.92	7.05	7.95	0.31
Marcarro	90.286	Max WS	TR030_TP03H	8.45	24.87	26.86		26.92	0.003161	1.09	7.77	8.12	0.35
Marcarro	90.286	Max WS	TR030_TP01H	11.70	24.87	26.96		27.05	0.004464	1.36	8.59	8.12	0.42
Marcarro	90.143	Max WS	TR200_TP01H	10.28	24.67	26.93		27.05	0.005425	1.48	6.94	5.56	0.42
Marcarro	90.143	Max WS	TR200_TP03H	8.57	24.67	26.78		26.88	0.005598	1.41	6.07	5.56	0.43
Marcarro	90.143	Max WS	TR200_TP06H	8.57	24.67	26.78		26.88	0.005598	1.41	6.07	5.56	0.43
Marcarro	90.143	Max WS	TR030_TP06H	7.37	24.67	26.49		26.63	0.009795	1.65	4.46	5.18	0.57
Marcarro	90.143	Max WS	TR030_TP03H	8.10	24.67	26.68		26.79	0.006515	1.46	5.55	5.56	0.47
Marcarro	90.143	Max WS	TR030_TP01H	9.39	24.67	26.86		26.96	0.005461	1.44	6.51	5.56	0.43
Marcarro	90	Max WS	TR200_TP01H	14.44	24.47	26.63		26.79	0.007081	1.79	8.30	7.76	0.54
Marcarro	90	Max WS	TR200_TP03H	11.96	24.47	26.47		26.62	0.007975	1.74	7.06	7.76	0.56
Marcarro	90	Max WS	TR200_TP06H	11.96	24.47	26.47		26.62	0.007975	1.74	7.06	7.76	0.56
Marcarro	90	Max WS	TR030_TP06H	8.86	24.47	26.20		26.35	0.007429	1.70	5.29	5.94	0.53
Marcarro	90	Max WS	TR030_TP03H	11.06	24.47	26.35		26.52	0.007482	1.82	6.22	6.16	0.55
Marcarro	90	Max WS	TR030_TP01H	13.01	24.47	26.56		26.71	0.007146	1.73	7.73	7.76	0.54
Marcarro	89.500	Max WS	TR200_TP01H	15.16	24.30	26.40		26.58	0.009037	1.91	7.94	7.97	0.61
Marcarro	89.500	Max WS	TR200_TP03H	12.37	24.30	26.24		26.41	0.009413	1.85	6.70	7.38	0.62
Marcarro	89.500	Max WS	TR200_TP06H	12.37	24.30	26.24		26.41	0.009413	1.85	6.70	7.38	0.62
Marcarro	89.500	Max WS	TR030_TP06H	8.86	24.30	25.99		26.15	0.009840	1.75	5.05	6.15	0.62
Marcarro	89.500	Max WS	TR030_TP03H	11.17	24.30	26.14		26.32	0.009916	1.86	6.01	6.77	0.63
Marcarro	89.500	Max WS	TR030_TP01H	13.65	24.30	26.32		26.50	0.009102	1.86	7.32	7.71	0.61
Marcarro	89	Max WS	TR200_TP01H	15.05	24.12	26.26		26.39	0.006182	1.60	9.39	8.84	0.50
Marcarro	89	Max WS	TR200_TP03H	12.50	24.12	26.05		26.19	0.008500	1.66	7.51	8.84	0.58
Marcarro	89	Max WS	TR200_TP06H	12.50	24.12	26.05		26.19	0.008500	1.66	7.51	8.84	0.58
Marcarro	89	Max WS	TR030_TP06H	8.86	24.12	25.79		25.93	0.008968	1.64	5.40	6.80	0.59
Marcarro	89	Max WS	TR030_TP03H	11.19	24.12	25.94		26.09	0.009214	1.72	6.52	7.82	0.60
Marcarro	89	Max WS	TR030_TP01H	13.67	24.12	26.17		26.30	0.006788	1.60	8.55	8.84	0.52
Marcarro	88.911	Max WS	TR200_TP01H	15.01	23.66	26.10		26.29	0.008309	1.91	7.88	6.03	0.53
Marcarro	88.911	Max WS	TR200_TP03H	12.58	23.66	25.89		26.07	0.008254	1.88	6.69	5.08	0.52
Marcarro	88.911	Max WS	TR200_TP06H	12.58	23.66	25.89		26.07	0.008254	1.88	6.69	5.08	0.52
Marcarro	88.911	Max WS	TR030_TP06H	8.86	23.66	25.69		25.81	0.006186	1.54	5.74	4.85	0.45
Marcarro	88.911	Max WS	TR030_TP03H	11.20	23.66	25.80		25.96	0.007705	1.79	6.27	4.91	0.50
Marcarro	88.911	Max WS	TR030_TP01H	13.91	23.66	25.99		26.18	0.008401	1.92	7.25	5.44	0.53
Marcarro	88.9	Max WS	TR200_TP01H	15.10	23.60	26.02		26.26	0.003033	2.15	7.02	7.10	0.44
Marcarro	88.9	Max WS	TR200_TP03H	12.60	23.60	25.87		26.05	0.002644	1.92	6.56	6.81	0.41
Marcarro	88.9	Max WS	TR200_TP06H	12.60	23.60	25.87		26.05	0.002644	1.92	6.56	6.81	0.41
Marcarro	88.9	Max WS	TR030_TP06H	8.86	23.60	25.69		25.80	0.001706	1.46	6.05	6.49	0.32
Marcarro	88.9	Max WS	TR030_TP03H	11.21	23.60	25.79		25.95	0.002330	1.77	6.35	6.68	0.38
Marcarro	88.9	Max WS	TR030_TP01H	13.98	23.60	25.94		26.16	0.002919	2.06	6.78	6.95	0.43
Marcarro	88		Culvert										
Marcarro	87.9	Max WS	TR200_TP01H	15.10	23.60	25.84		26.12	0.003958	2.33	6.48	6.76	0.50
Marcarro	87.9	Max WS	TR200_TP03H	12.60	23.60	25.74		25.95	0.003215	2.04	6.19	6.58	0.45
Marcarro	87.9	Max WS	TR200_TP06H	12.60	23.60	25.74		25.95	0.003215	2.04	6.19	6.58	0.45
Marcarro	87.9	Max WS	TR030_TP06H	8.86	23.60	25.63		25.75	0.001880	1.51	5.88	6.39	0.34
Marcarro	87.9	Max WS	TR030_TP03H	11.21	23.60	25.70		25.87	0.002724	1.85	6.06	6.50	0.41
Marcarro	87.9	Max WS	TR030_TP01H	13.98	23.60	25.78		26.03	0.003708	2.22	6.31	6.66	0.48
Marcarro	87.89		Lat Struct										
Marcarro	87.88		Lat Struct										
Marcarro	87	Max WS	TR200_TP01H	14.97	23.83	25.85		26.06	0.010004	2.03	7.36	6.57	0.61
Marcarro	87	Max WS	TR200_TP03H	12.51	23.83	25.72		25.90	0.010119	1.92	6.50	6.57	0.62
Marcarro	87	Max WS	TR200_TP06H	12.51	23.83	25.72		25.90	0.010119	1.92	6.50	6.57	0.62
Marcarro	87	Max WS	TR030_TP06H	8.85	23.83	25.60		25.72	0.007419	1.54	5.73	6.57	0.53

HEC-RAS River: 2 Reach: Marcarro Profile: Max WS (Continued)

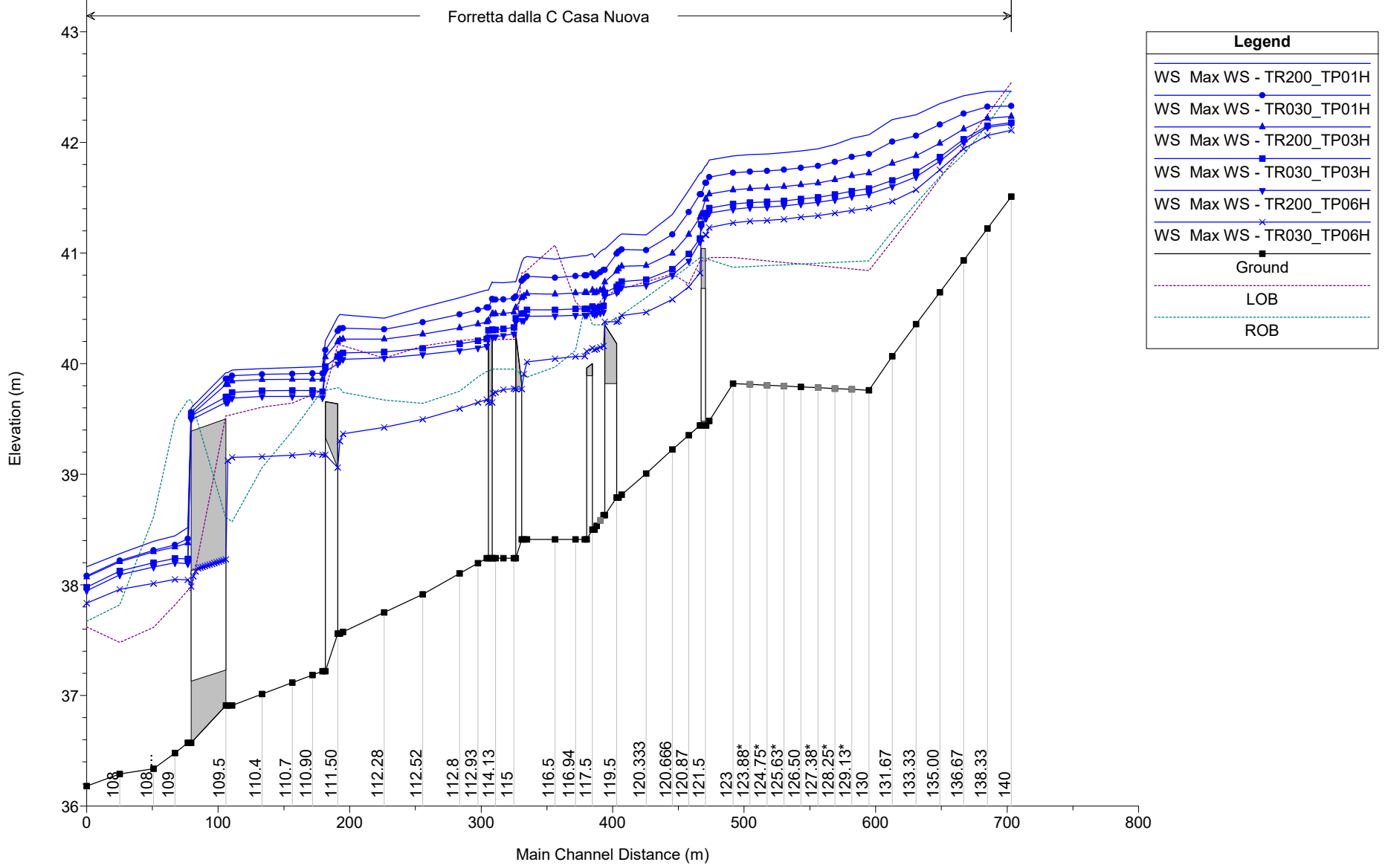
Reach	River Sta	Profile	Plan	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Marcarro	87	Max WS	TR030_TP03H	11.17	23.83	25.66		25.83	0.009489	1.81	6.16	6.57	0.60
Marcarro	87	Max WS	TR030_TP01H	13.79	23.83	25.78		25.98	0.010283	2.00	6.90	6.57	0.62
Marcarro	86.800	Max WS	TR200_TP01H	12.51	23.73	25.75		25.90	0.006451	1.71	7.32	6.09	0.50
Marcarro	86.800	Max WS	TR200_TP03H	10.36	23.73	25.62		25.75	0.006302	1.60	6.49	6.09	0.49
Marcarro	86.800	Max WS	TR200_TP06H	10.36	23.73	25.62		25.75	0.006302	1.60	6.49	6.09	0.49
Marcarro	86.800	Max WS	TR030_TP06H	7.75	23.73	25.50		25.59	0.004911	1.34	5.77	5.92	0.43
Marcarro	86.800	Max WS	TR030_TP03H	9.33	23.73	25.56		25.68	0.005931	1.52	6.15	6.03	0.48
Marcarro	86.800	Max WS	TR030_TP01H	11.43	23.73	25.68		25.82	0.006467	1.66	6.87	6.09	0.50
Marcarro	86.600	Max WS	TR200_TP01H	11.76	23.64	25.64		25.74	0.005751	1.41	8.33	9.40	0.48
Marcarro	86.600	Max WS	TR200_TP03H	9.39	23.64	25.52		25.60	0.005125	1.30	7.22	8.43	0.45
Marcarro	86.600	Max WS	TR200_TP06H	9.39	23.64	25.52		25.60	0.005125	1.30	7.22	8.43	0.45
Marcarro	86.600	Max WS	TR030_TP06H	7.11	23.64	25.41		25.48	0.004011	1.11	6.38	7.85	0.39
Marcarro	86.600	Max WS	TR030_TP03H	8.42	23.64	25.47		25.55	0.004584	1.23	6.83	7.94	0.42
Marcarro	86.600	Max WS	TR030_TP01H	10.48	23.64	25.57		25.67	0.005543	1.36	7.72	8.98	0.47
Marcarro	86.400	Max WS	TR200_TP01H	9.98	23.54	25.50		25.62	0.005867	1.55	6.42	5.80	0.47
Marcarro	86.400	Max WS	TR200_TP03H	8.17	23.54	25.39		25.49	0.005199	1.41	5.80	5.63	0.44
Marcarro	86.400	Max WS	TR200_TP06H	8.17	23.54	25.39		25.49	0.005199	1.41	5.80	5.63	0.44
Marcarro	86.400	Max WS	TR030_TP06H	6.49	23.54	25.30		25.38	0.004178	1.22	5.32	5.49	0.40
Marcarro	86.400	Max WS	TR030_TP03H	7.45	23.54	25.35		25.44	0.004807	1.33	5.58	5.56	0.43
Marcarro	86.400	Max WS	TR030_TP01H	9.00	23.54	25.44		25.55	0.005540	1.48	6.08	5.71	0.46
Marcarro	86.200	Max WS	TR200_TP01H	8.80	23.46	25.39		25.48	0.005858	1.37	6.41	7.25	0.47
Marcarro	86.200	Max WS	TR200_TP03H	7.34	23.46	25.28		25.37	0.005361	1.29	5.69	6.57	0.44
Marcarro	86.200	Max WS	TR200_TP06H	7.34	23.46	25.28		25.37	0.005361	1.29	5.69	6.57	0.44
Marcarro	86.200	Max WS	TR030_TP06H	6.10	23.46	25.19		25.27	0.005060	1.19	5.11	6.42	0.43
Marcarro	86.200	Max WS	TR030_TP03H	6.80	23.46	25.24		25.32	0.005306	1.26	5.41	6.50	0.44
Marcarro	86.200	Max WS	TR030_TP01H	8.02	23.46	25.33		25.42	0.005564	1.34	6.00	6.76	0.45
Marcarro	86	Max WS	TR200_TP01H	7.30	23.35	25.34		25.39	0.002026	0.92	7.95	7.09	0.28
Marcarro	86	Max WS	TR200_TP03H	6.22	23.35	25.23		25.27	0.002001	0.87	7.18	7.09	0.28
Marcarro	86	Max WS	TR200_TP06H	6.22	23.35	25.23		25.27	0.002001	0.87	7.18	7.09	0.28
Marcarro	86	Max WS	TR030_TP06H	5.66	23.35	25.13		25.17	0.002337	0.88	6.41	7.09	0.30
Marcarro	86	Max WS	TR030_TP03H	5.92	23.35	25.19		25.22	0.002097	0.87	6.84	7.09	0.28
Marcarro	86	Max WS	TR030_TP01H	6.61	23.35	25.29		25.33	0.001943	0.88	7.55	7.09	0.27
Marcarro	85.99												
Marcarro	85.98												
Marcarro	85.800	Max WS	TR200_TP01H	7.29	23.10	25.19		25.26	0.003890	1.11	6.56	7.29	0.37
Marcarro	85.800	Max WS	TR200_TP03H	6.86	23.10	25.06		25.13	0.004399	1.22	5.62	5.79	0.40
Marcarro	85.800	Max WS	TR200_TP06H	6.86	23.10	25.06		25.13	0.004399	1.22	5.62	5.79	0.40
Marcarro	85.800	Max WS	TR030_TP06H	6.94	23.10	24.82		24.94	0.007305	1.57	4.42	4.34	0.50
Marcarro	85.800	Max WS	TR030_TP03H	7.06	23.10	24.94		25.04	0.005881	1.41	5.00	5.01	0.45
Marcarro	85.800	Max WS	TR030_TP01H	7.24	23.10	25.10		25.18	0.004710	1.23	5.91	6.52	0.41
Marcarro	85.600	Max WS	TR200_TP01H	5.98	22.84	25.13		25.16	0.001434	0.72	8.27	8.21	0.23
Marcarro	85.600	Max WS	TR200_TP03H	6.59	22.84	24.94		24.98	0.002710	0.96	6.83	6.98	0.31
Marcarro	85.600	Max WS	TR200_TP06H	6.59	22.84	24.94		24.98	0.002710	0.96	6.83	6.98	0.31
Marcarro	85.600	Max WS	TR030_TP06H	6.94	22.84	24.52		24.65	0.007715	1.60	4.34	4.25	0.50
Marcarro	85.600	Max WS	TR030_TP03H	7.23	22.84	24.69		24.79	0.006883	1.38	5.23	6.35	0.49
Marcarro	85.600	Max WS	TR030_TP01H	6.76	22.84	24.99		25.03	0.002511	0.94	7.20	7.23	0.30
Marcarro	85.400	Max WS	TR200_TP01H	5.01	22.57	25.11		25.12	0.000546	0.50	10.04	8.35	0.15
Marcarro	85.400	Max WS	TR200_TP03H	8.24	22.57	24.78		24.84	0.003109	1.10	7.46	7.03	0.34
Marcarro	85.400	Max WS	TR200_TP06H	8.24	22.57	24.78		24.84	0.003109	1.10	7.46	7.03	0.34
Marcarro	85.400	Max WS	TR030_TP06H	6.96	22.57	24.17		24.31	0.009034	1.68	4.13	4.39	0.55
Marcarro	85.400	Max WS	TR030_TP03H	7.88	22.57	24.41		24.52	0.006122	1.50	5.27	5.02	0.47
Marcarro	85.400	Max WS	TR030_TP01H	7.60	22.57	24.88		24.93	0.002159	0.93	8.19	7.69	0.29
Marcarro	85.200	Max WS	TR200_TP01H	9.32	22.30	25.03		25.06	0.000945	0.80	11.66	6.85	0.20
Marcarro	85.200	Max WS	TR200_TP03H	11.26	22.30	24.59		24.67	0.003036	1.29	8.76	6.40	0.35
Marcarro	85.200	Max WS	TR200_TP06H	11.26	22.30	24.59		24.67	0.003036	1.29	8.76	6.40	0.35
Marcarro	85.200	Max WS	TR030_TP06H	7.02	22.30	23.90		24.01	0.005596	1.44	4.89	4.87	0.46
Marcarro	85.200	Max WS	TR030_TP03H	8.49	22.30	24.22		24.30	0.003784	1.30	6.53	5.59	0.38
Marcarro	85.200	Max WS	TR030_TP01H	11.83	22.30	24.68		24.76	0.002794	1.26	9.35	6.50	0.34
Marcarro	85	Max WS	TR200_TP01H	12.42	22.03	24.97		25.00	0.000917	0.81	15.42	9.52	0.20
Marcarro	85	Max WS	TR200_TP03H	13.88	22.03	24.42		24.51	0.003251	1.32	10.50	8.17	0.37
Marcarro	85	Max WS	TR200_TP06H	13.88	22.03	24.42		24.51	0.003251	1.32	10.50	8.17	0.37
Marcarro	85	Max WS	TR030_TP06H	7.57	22.03	23.69		23.79	0.004803	1.37	5.51	5.32	0.43
Marcarro	85	Max WS	TR030_TP03H	10.00	22.03	24.03		24.12	0.004050	1.33	7.51	6.79	0.40
Marcarro	85	Max WS	TR030_TP01H	14.87	22.03	24.52		24.61	0.003052	1.32	11.30	8.43	0.36
Marcarro	84.500	Max WS	TR200_TP01H	22.90	21.76	24.62		24.78	0.004567	1.80	12.75	7.53	0.44
Marcarro	84.500	Max WS	TR200_TP03H	16.52	21.76	24.12		24.28	0.005572	1.78	9.26	6.50	0.48
Marcarro	84.500	Max WS	TR200_TP06H	16.52	21.76	24.12		24.28	0.005572	1.78	9.26	6.50	0.48
Marcarro	84.500	Max WS	TR030_TP06H	7.86	21.76	23.46		23.56	0.005506	1.46	5.38	5.20	0.46
Marcarro	84.500	Max WS	TR030_TP03H	11.34	21.76	23.76		23.89	0.005499	1.61	7.04	5.80	0.47
Marcarro	84.500	Max WS	TR030_TP01H	17.91	21.76	24.21		24.38	0.005555	1.82	9.84	6.67	0.48
Marcarro	84.023	Max WS	TR200_TP01H	25.79	21.49	24.18	23.64	24.45	0.008504	2.30	11.20	7.58	0.60
Marcarro	84.023	Max WS	TR200_TP03H	17.06	21.49	23.74	23.28	23.96	0.008926	2.11	8.07	6.46	0.60
Marcarro	84.023	Max WS	TR200_TP06H	17.06	21.49	23.74	23.28	23.96	0.008926	2.11	8.07	6.46	0.60
Marcarro	84.023	Max WS	TR030_TP06H	7.87	21.49	23.08	22.75	23.25	0.009596	1.79	4.39	4.82	0.60
Marcarro	84.023	Max WS	TR030_TP03H	11.56	21.49	23.38	22.99	23.57	0.009306	1.95	5.93	5.57	0.60
Marcarro	84.023	Max WS	TR030_TP01H	18.59	21.49	23.82	23.35	24.06	0.008831	2.15	8.64	6.68	0.60
Marcarro	84												
Marcarro	83.982	Max WS	TR200_TP01H	25.79	20.88	23.59		23.96	0.012250	2.71	9.51	5.67	0.67
Marcarro	83.982	Max WS	TR200_TP03H	17.06	20.88	22.86		23.30	0.019683	2.93	5.82	4.54	0.83
Marcarro	83.982	Max WS	TR200_TP06H	17.06	20.88	22.86		23.30	0.019683	2.93	5.82	4.54	0.83
Marcarro	83.982	Max WS	TR030_TP06H	7.87	20.88	22.15		22.51	0.025168	2.65	2.98	3.43	0.91
Marcarro	83.982	Max WS	TR030_TP03H	11.56	20.88	22.39	22.35	22.85	0.027219	3.00	3.85	3.81	0.95

HEC-RAS River: 2 Reach: Marcarro Profile: Max WS (Continued)

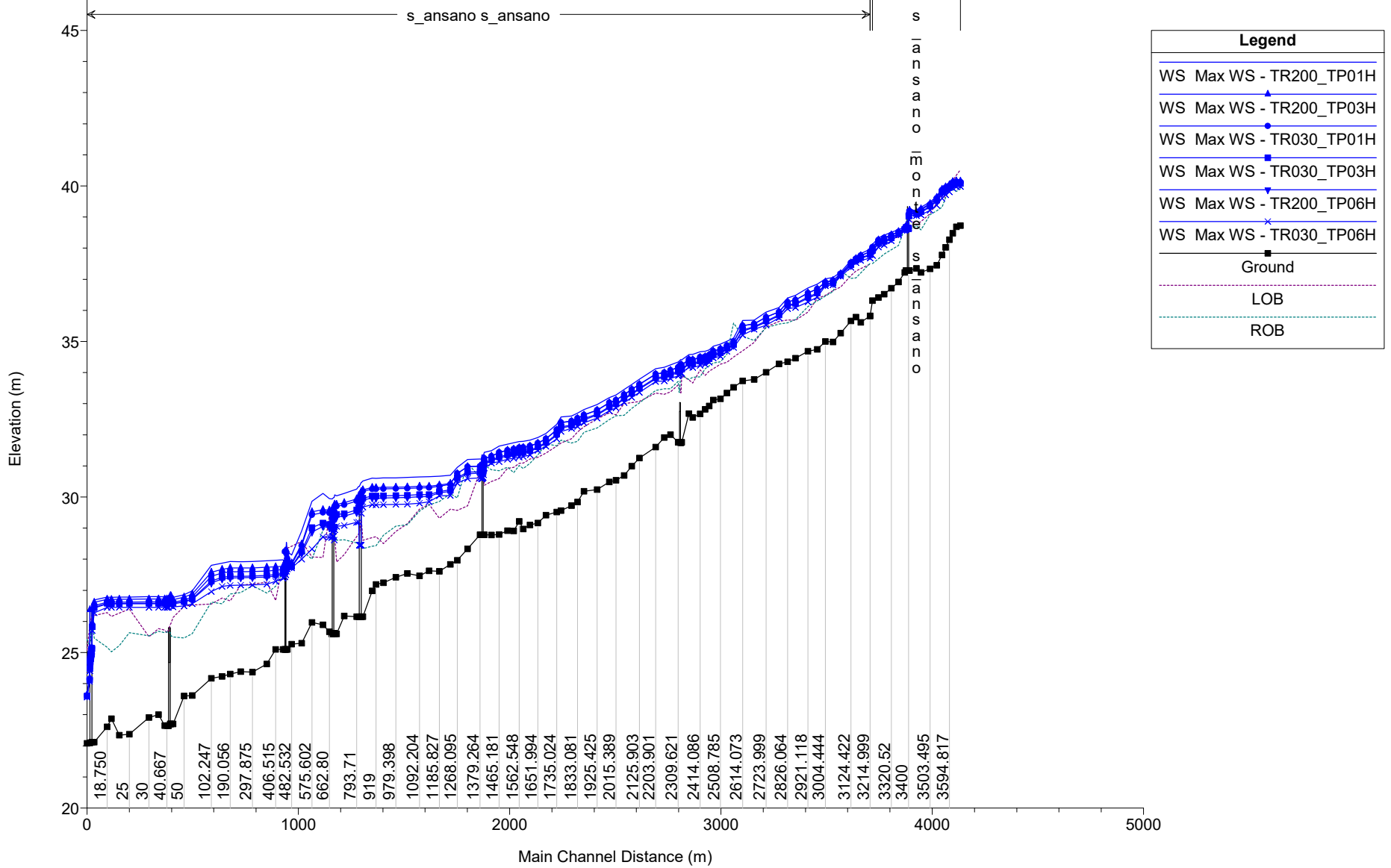
Reach	River Sta	Profile	Plan	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Marcarro	83.982	Max WS	TR030_TP01H	18.59	20.88	22.99		23.42	0.018083	2.90	6.41	4.74	0.80
Marcarro	83.979												
Marcarro	83.978												
Marcarro	83.9	Max WS	TR200_TP01H	25.81	20.87	23.57		23.93	0.004441	2.67	9.68	5.31	0.52
Marcarro	83.9	Max WS	TR200_TP03H	17.06	20.87	22.91		23.18	0.004986	2.34	7.29	4.84	0.53
Marcarro	83.9	Max WS	TR200_TP06H	17.06	20.87	22.91		23.18	0.004986	2.34	7.29	4.84	0.53
Marcarro	83.9	Max WS	TR030_TP06H	7.92	20.87	22.12		22.28	0.005582	1.78	4.45	4.28	0.51
Marcarro	83.9	Max WS	TR030_TP03H	11.56	20.87	22.45		22.66	0.005384	2.05	5.64	4.51	0.52
Marcarro	83.9	Max WS	TR030_TP01H	18.59	20.87	23.02		23.32	0.004907	2.41	7.71	4.92	0.53
Marcarro	83												
Marcarro	82.5	Max WS	TR200_TP01H	25.81	20.75	22.94		23.50	0.008052	3.32	7.78	6.83	0.72
Marcarro	82.5	Max WS	TR200_TP03H	17.06	20.75	22.54		22.91	0.006957	2.69	6.34	6.24	0.65
Marcarro	82.5	Max WS	TR200_TP06H	17.06	20.75	22.54		22.91	0.006958	2.69	6.34	6.24	0.65
Marcarro	82.5	Max WS	TR030_TP06H	7.93	20.75	21.96		22.14	0.005772	1.87	4.23	5.37	0.55
Marcarro	82.5	Max WS	TR030_TP03H	11.56	20.75	22.22		22.47	0.006266	2.23	5.18	5.76	0.59
Marcarro	82.5	Max WS	TR030_TP01H	18.59	20.75	22.62		23.02	0.007148	2.81	6.62	6.35	0.66
Marcarro	82.49												
Marcarro	82.48												
Marcarro	82	Max WS	TR200_TP01H	25.81	20.75	23.12	22.32	23.34	0.005835	2.05	12.58	7.10	0.49
Marcarro	82	Max WS	TR200_TP03H	17.06	20.75	22.64	21.98	22.81	0.005836	1.84	9.29	6.38	0.49
Marcarro	82	Max WS	TR200_TP06H	17.06	20.75	22.64	21.98	22.81	0.005836	1.84	9.29	6.38	0.49
Marcarro	82	Max WS	TR030_TP06H	7.90	20.75	21.97	21.52	22.08	0.005831	1.48	5.35	5.39	0.47
Marcarro	82	Max WS	TR030_TP03H	11.56	20.75	22.26	21.72	22.40	0.005831	1.65	7.01	5.83	0.48
Marcarro	82	Max WS	TR030_TP01H	18.59	20.75	22.73	22.04	22.91	0.005837	1.88	9.89	6.51	0.49

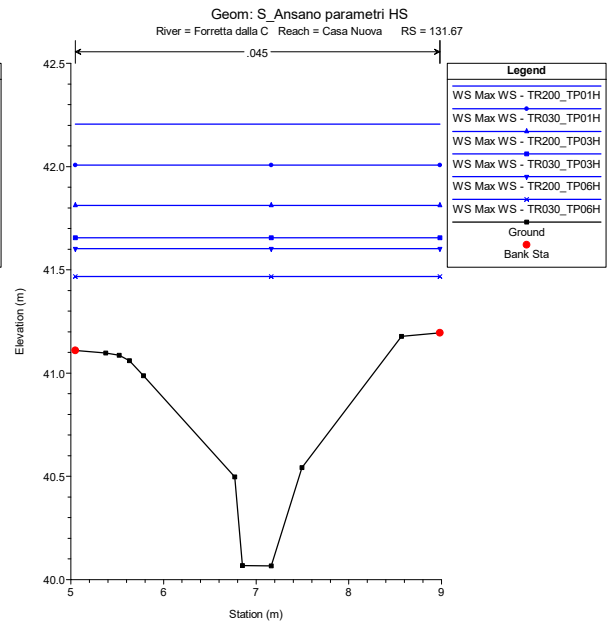
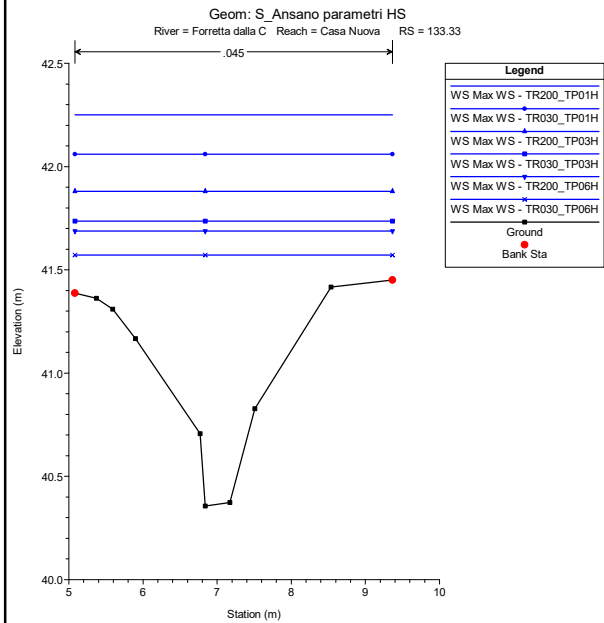
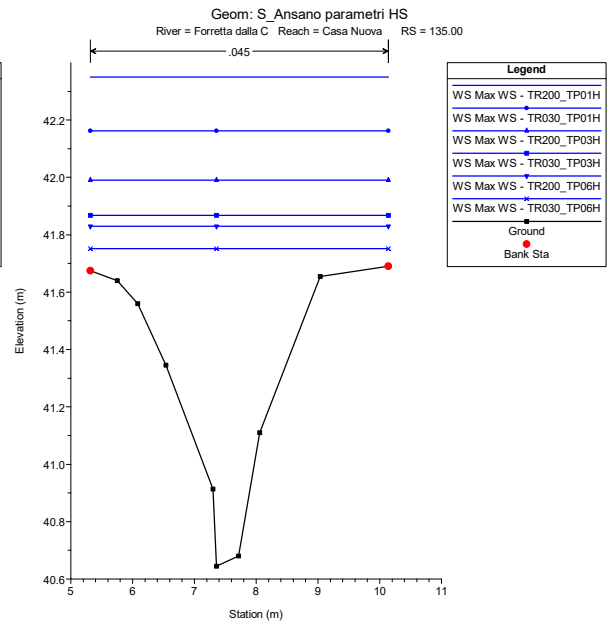
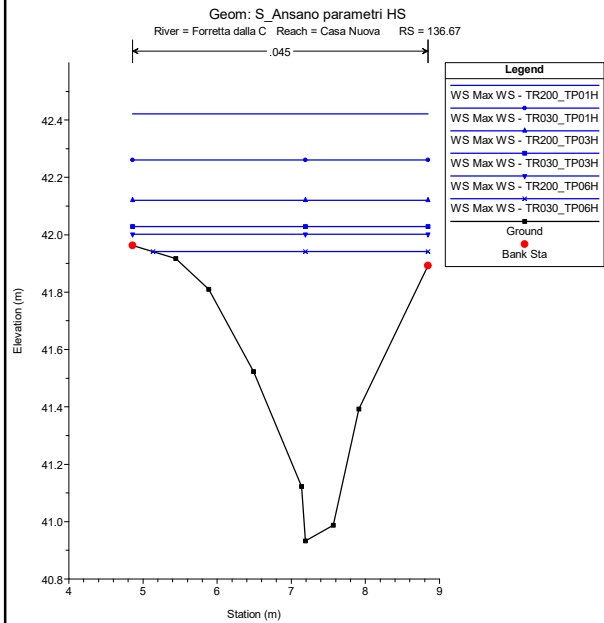
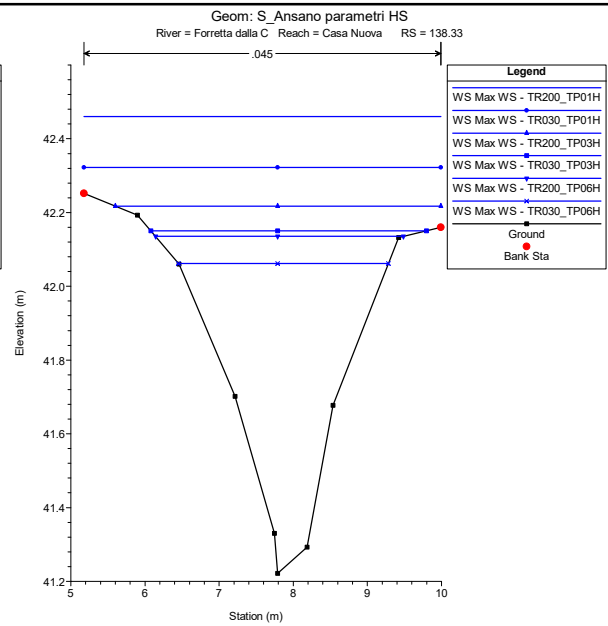
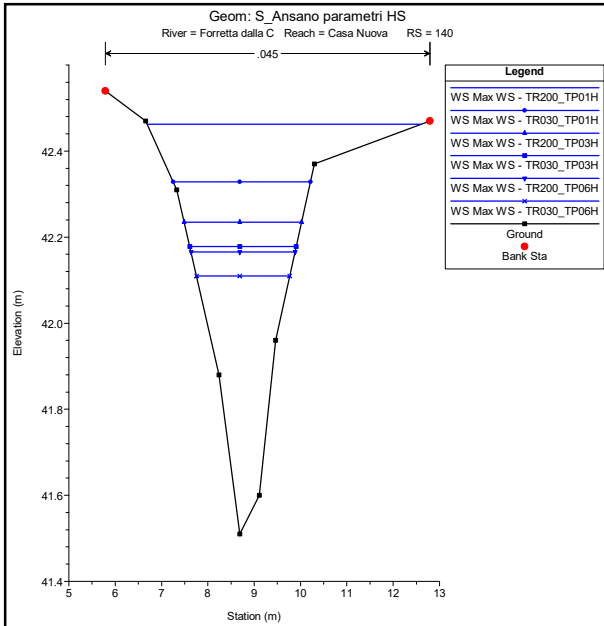
Geom: S_Ansano parametri HS

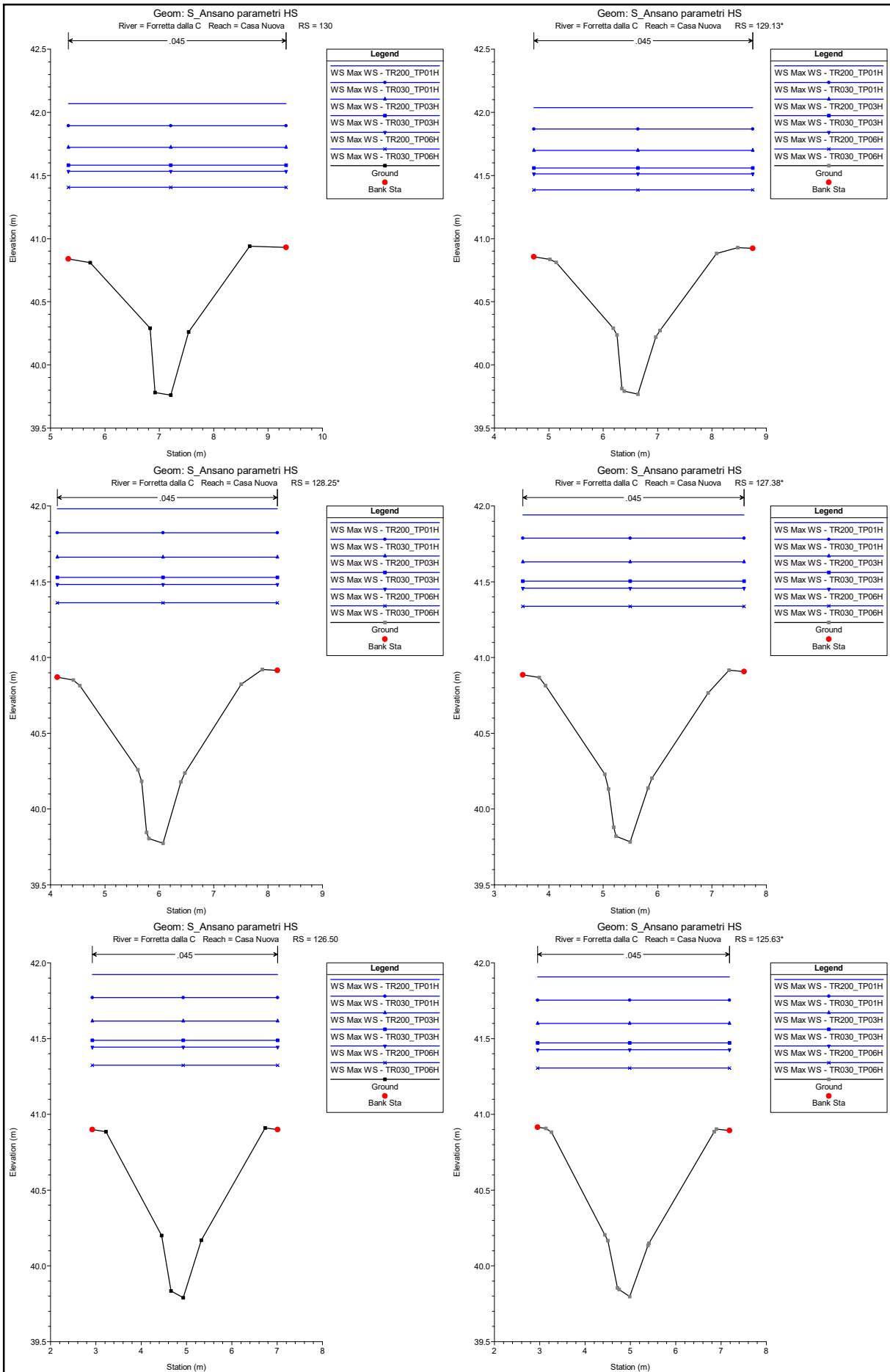
Forretta dalla C Casa Nuova

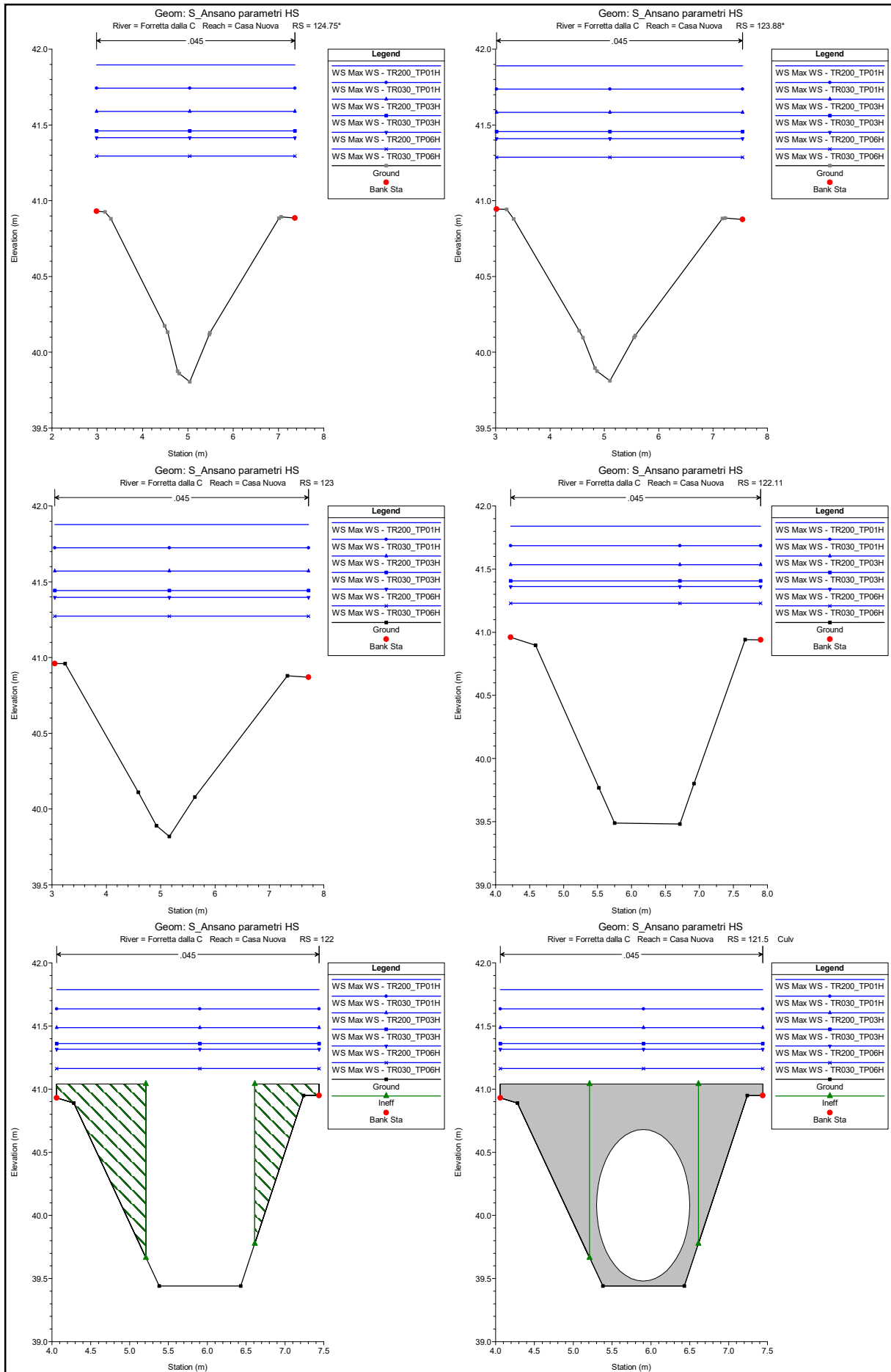


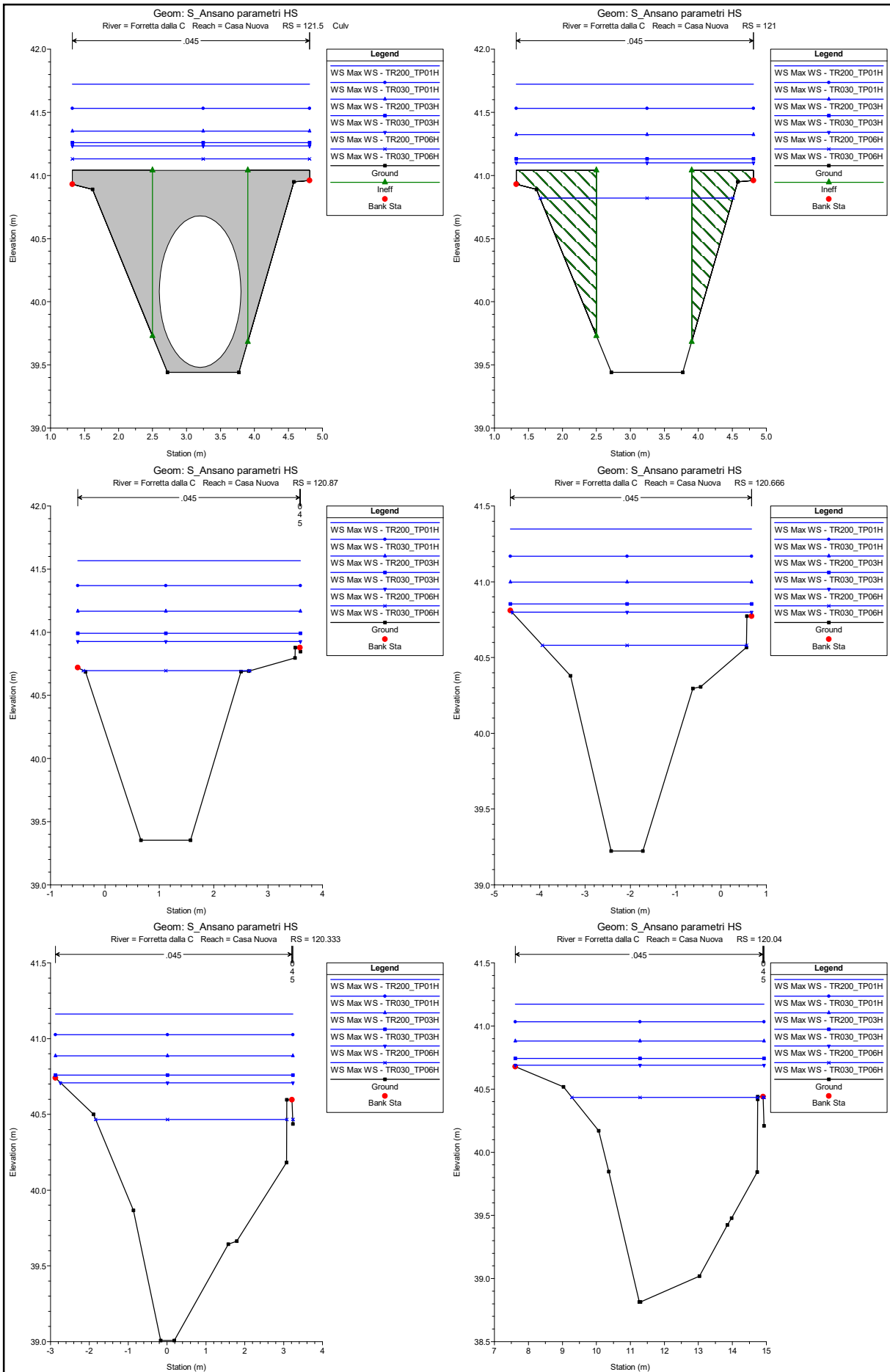
Geom: S_Ansano parametri HS

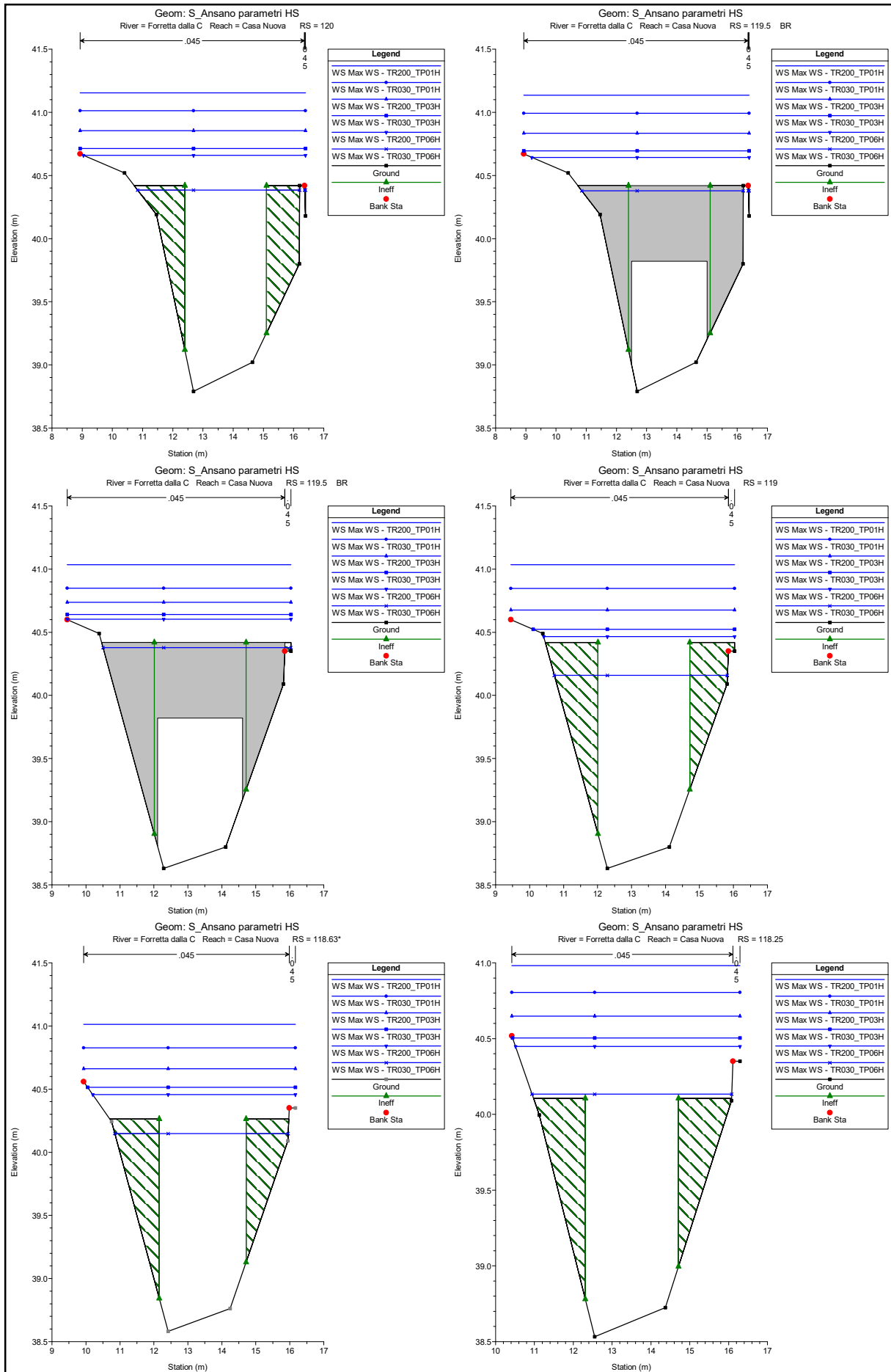


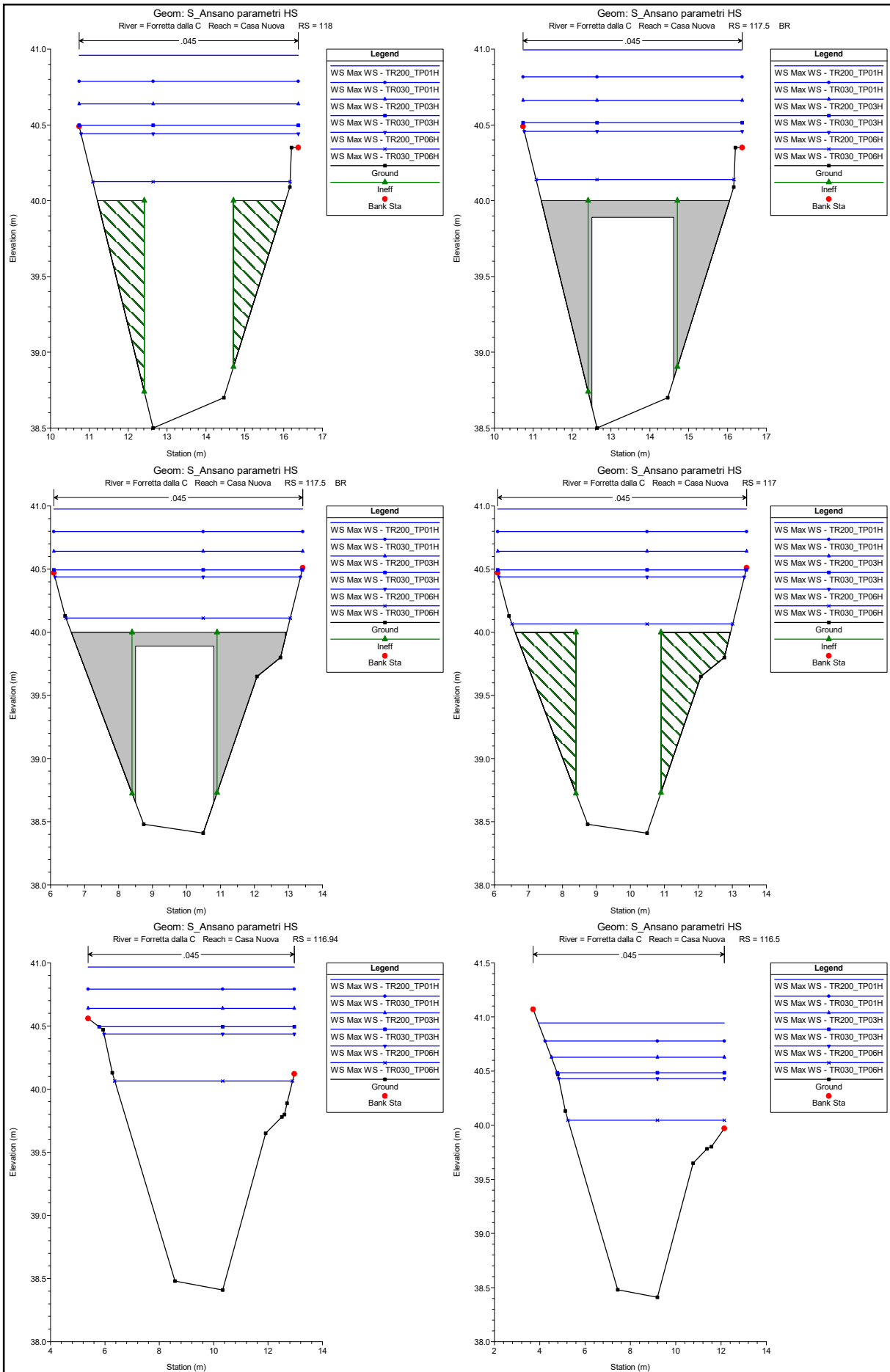


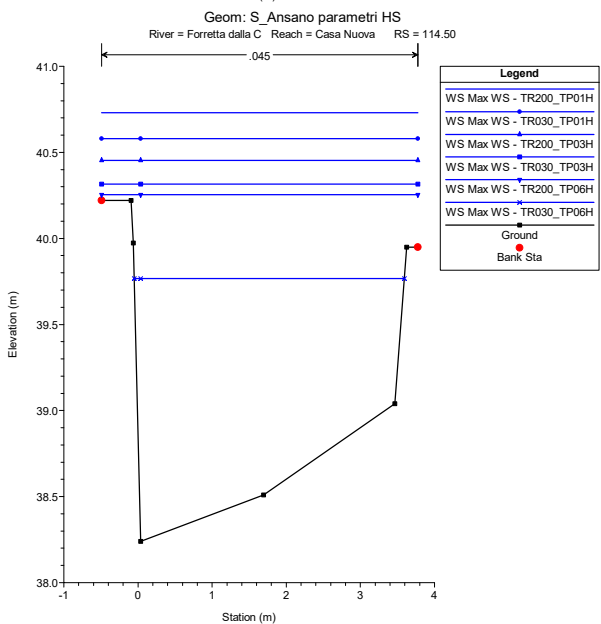
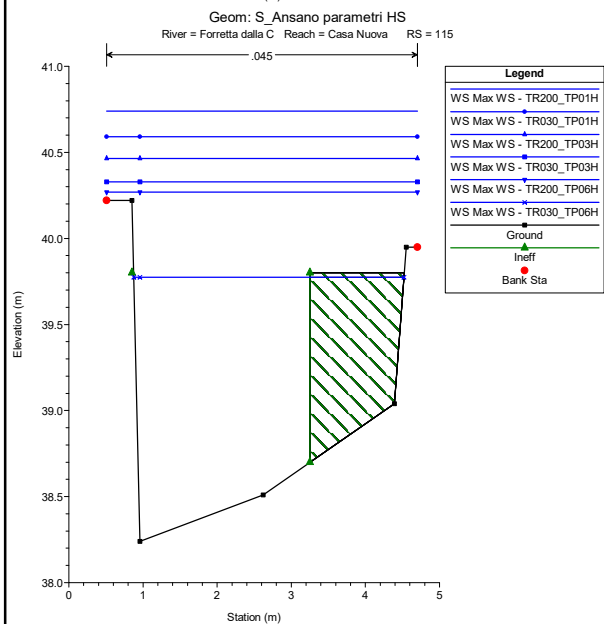
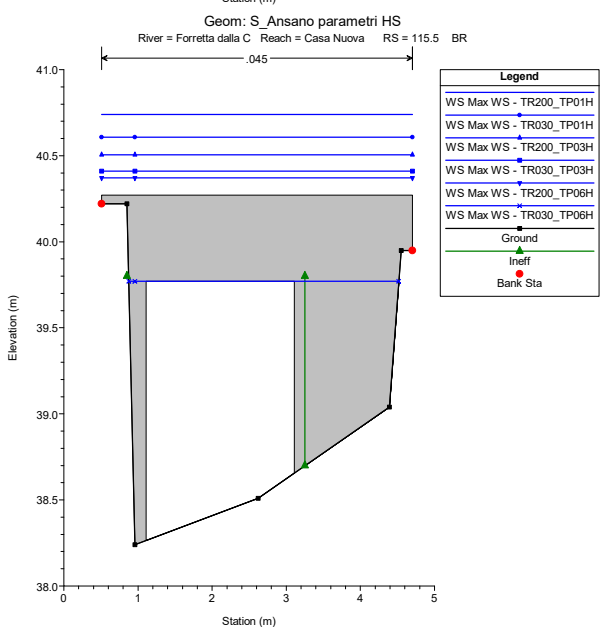
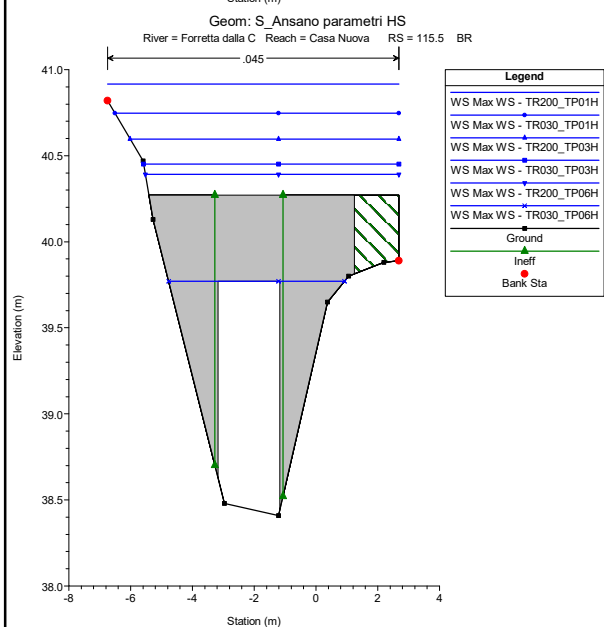
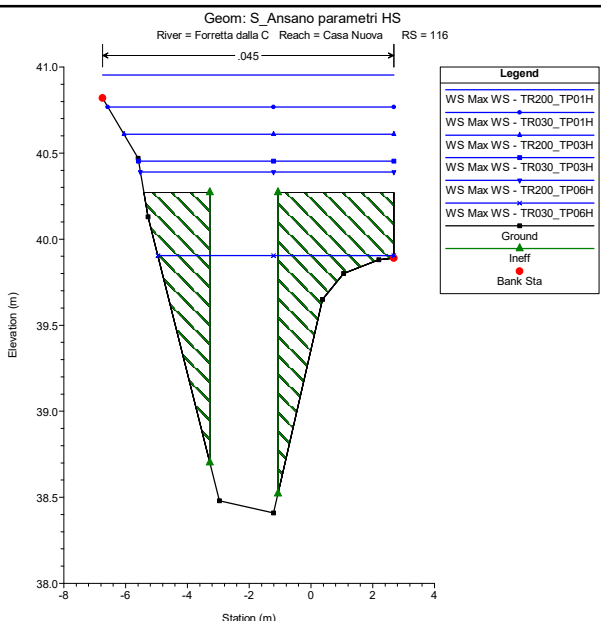
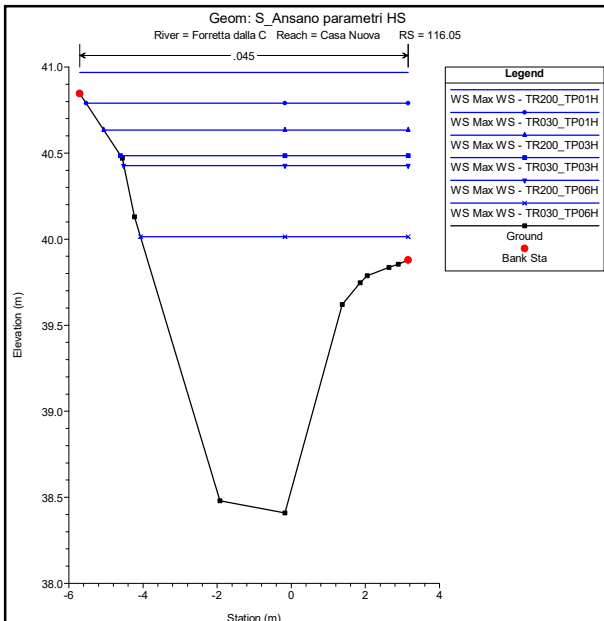


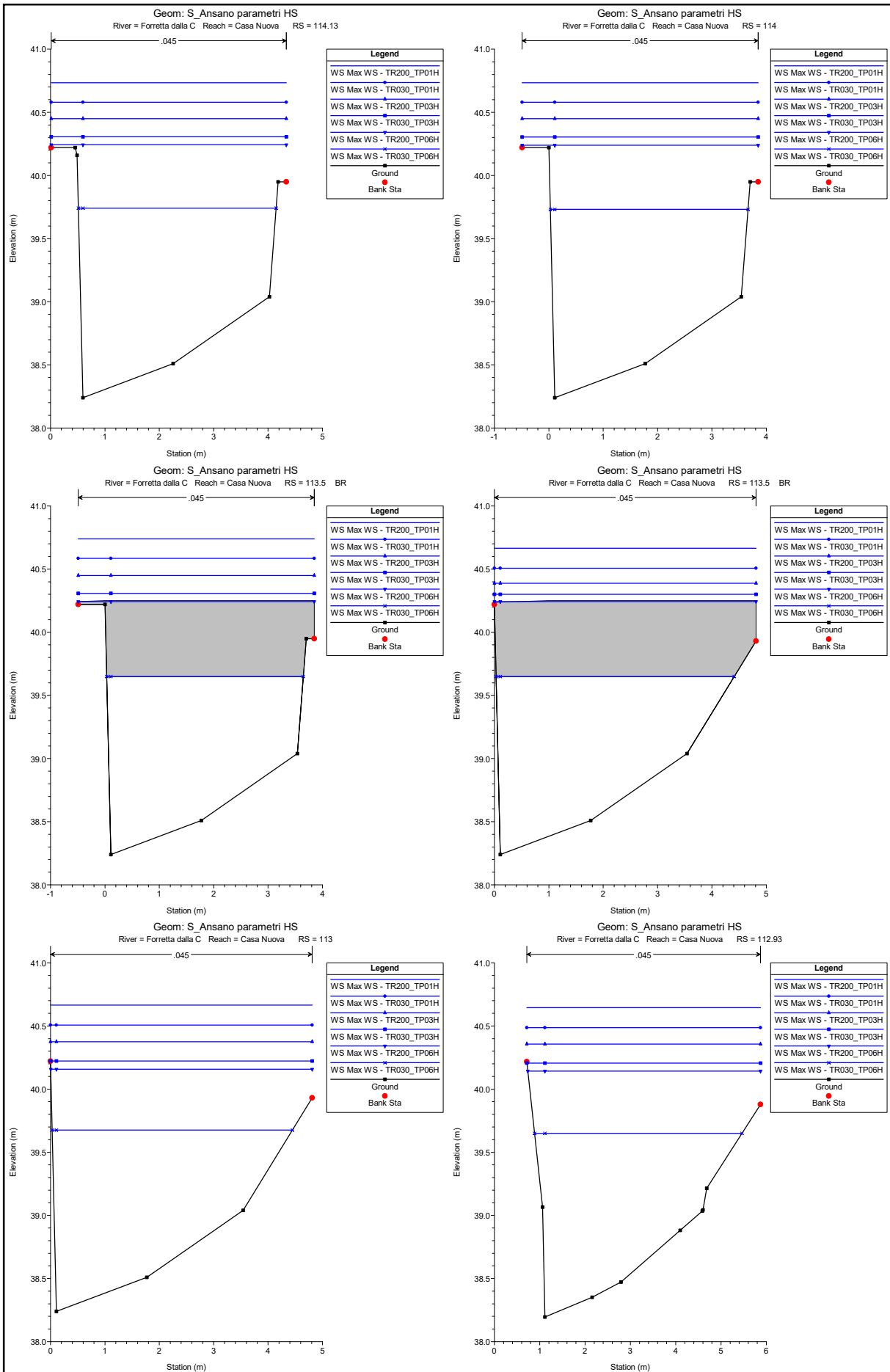


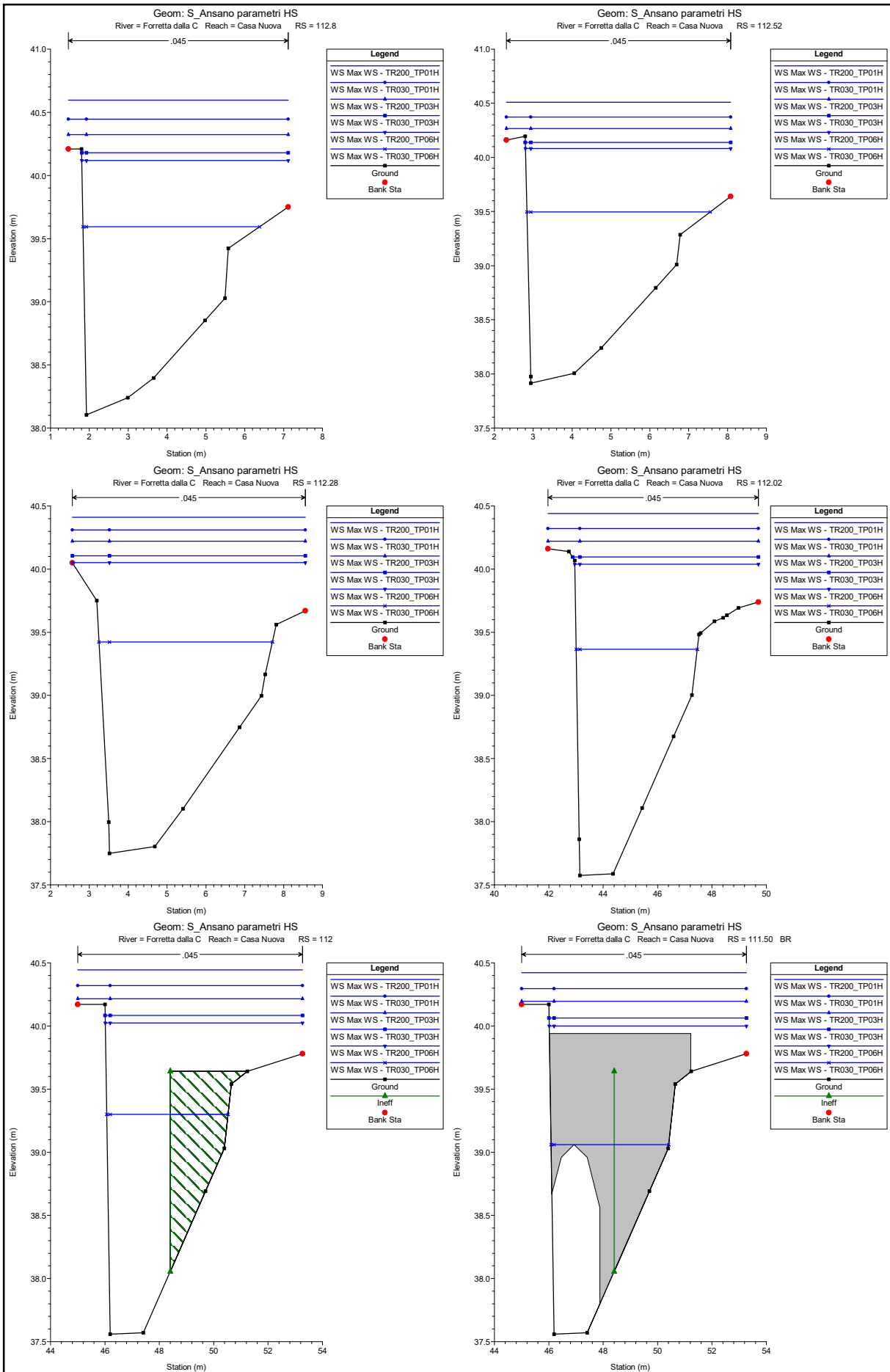


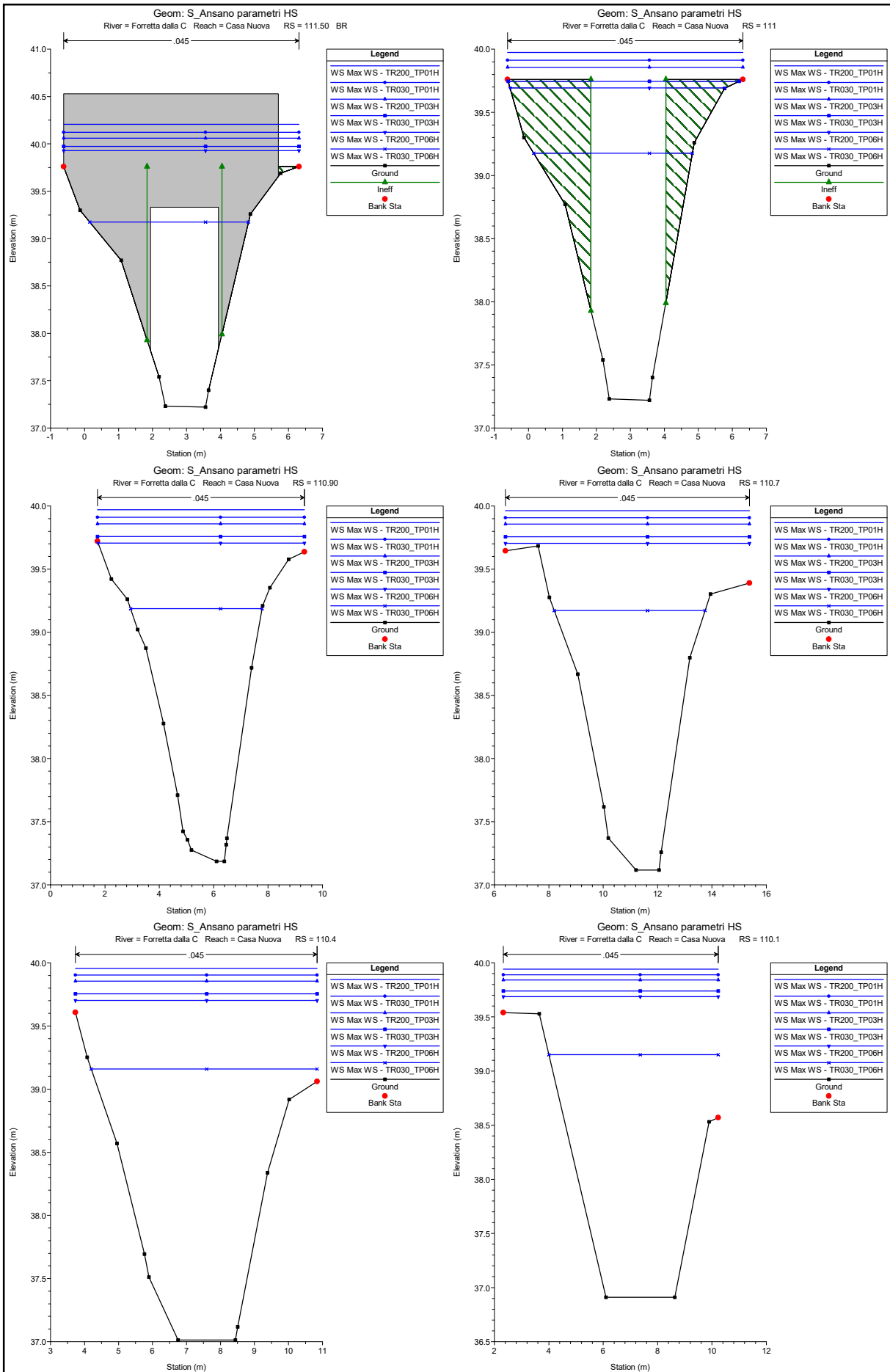


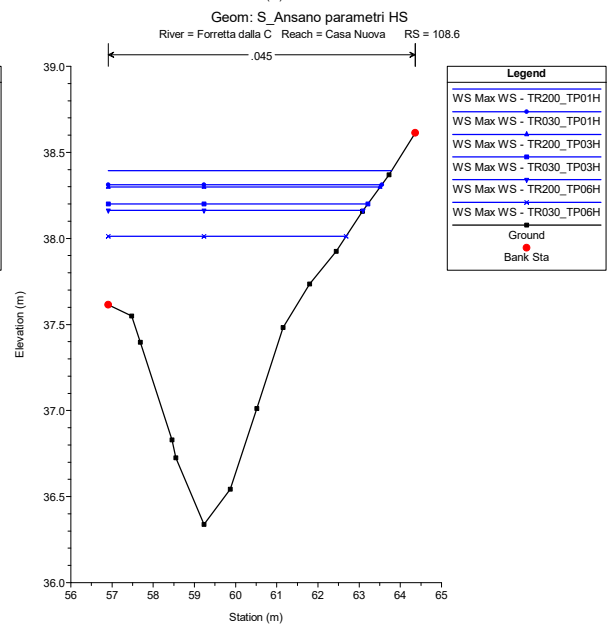
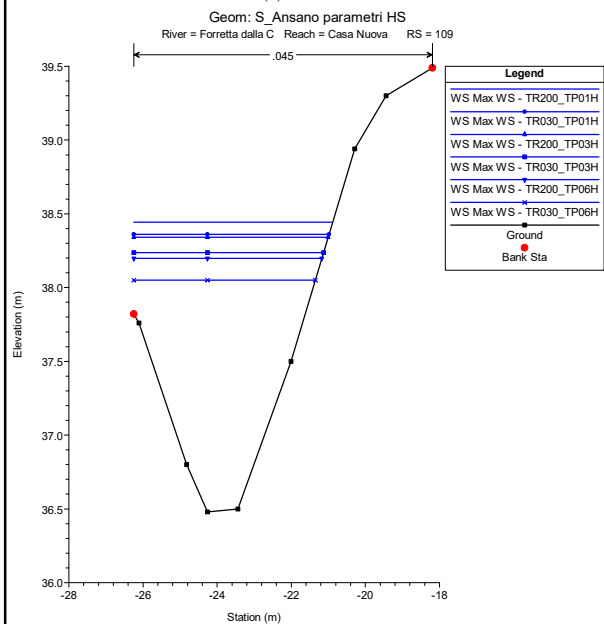
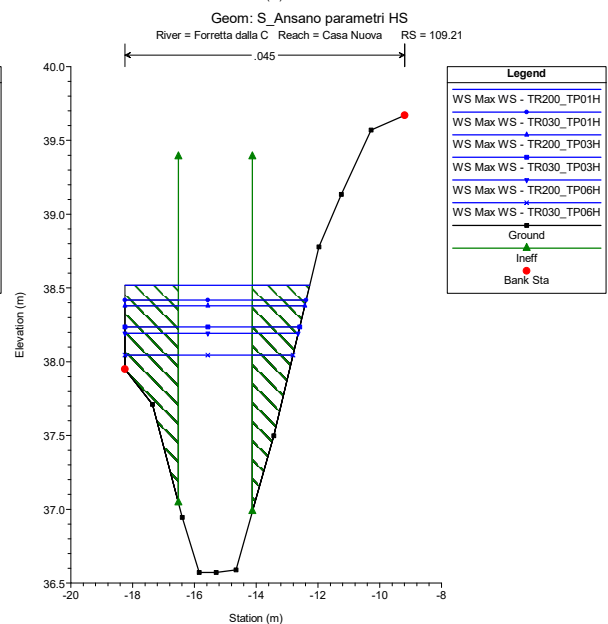
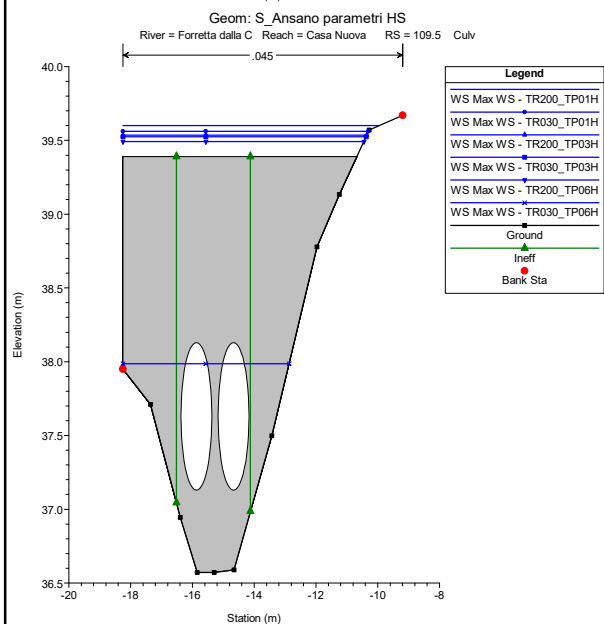
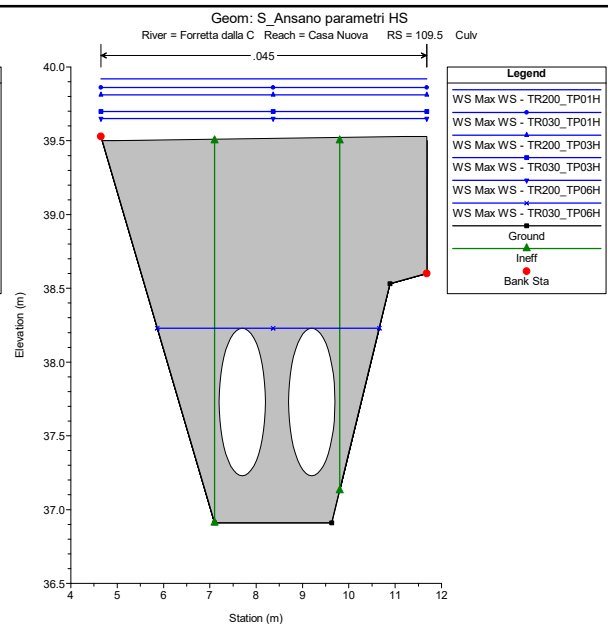
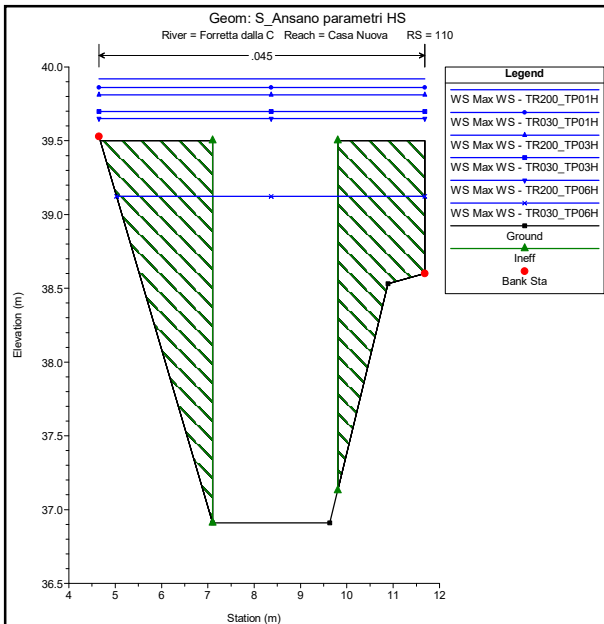


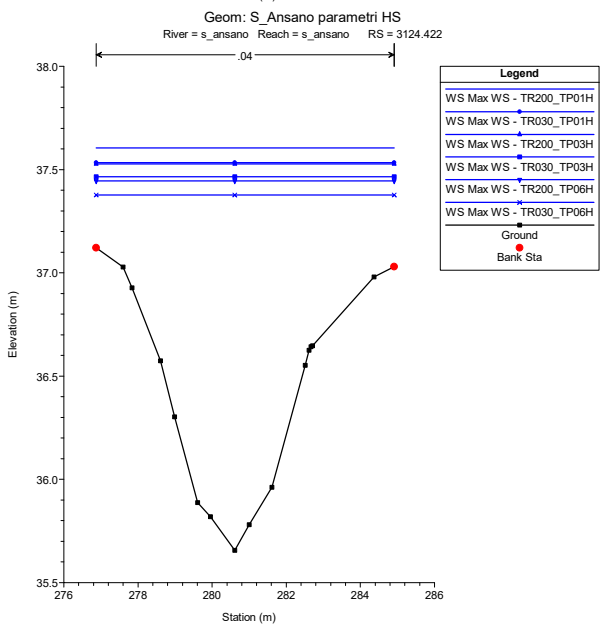
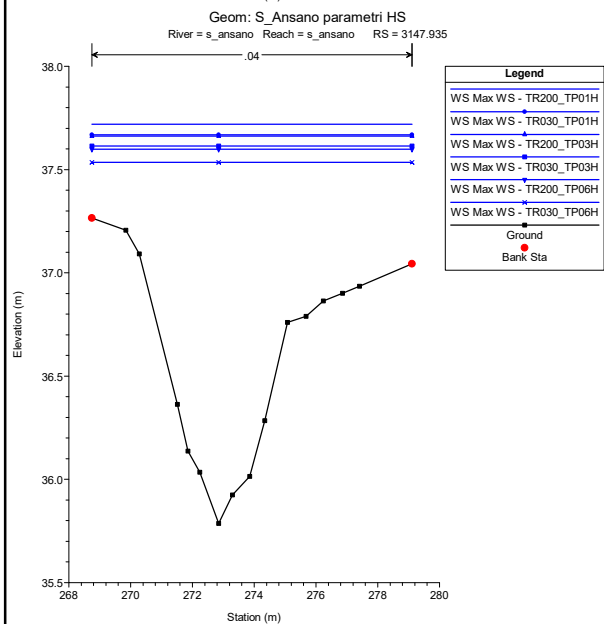
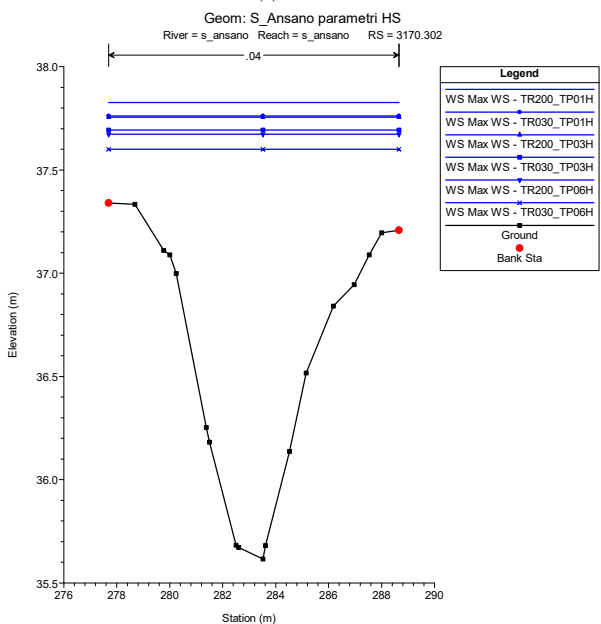
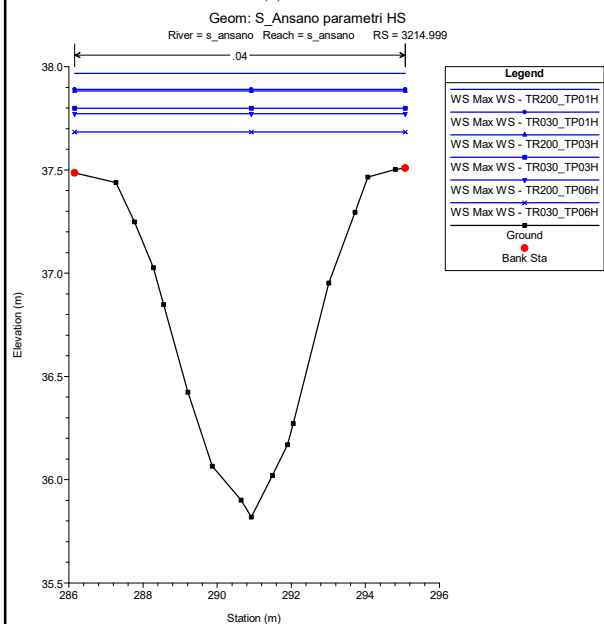
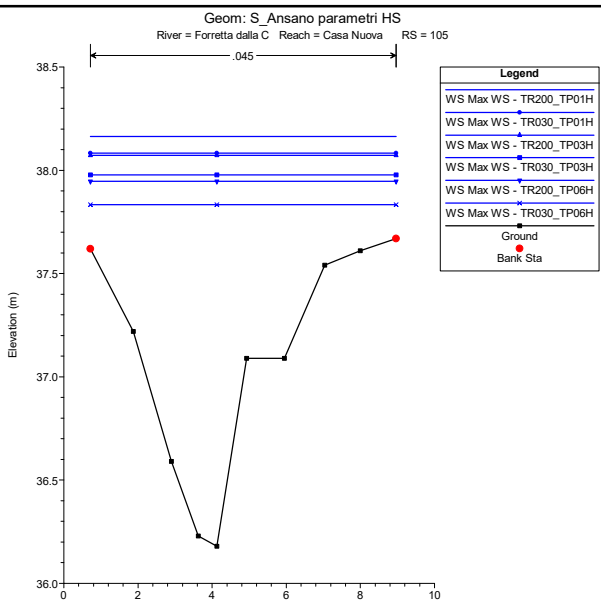
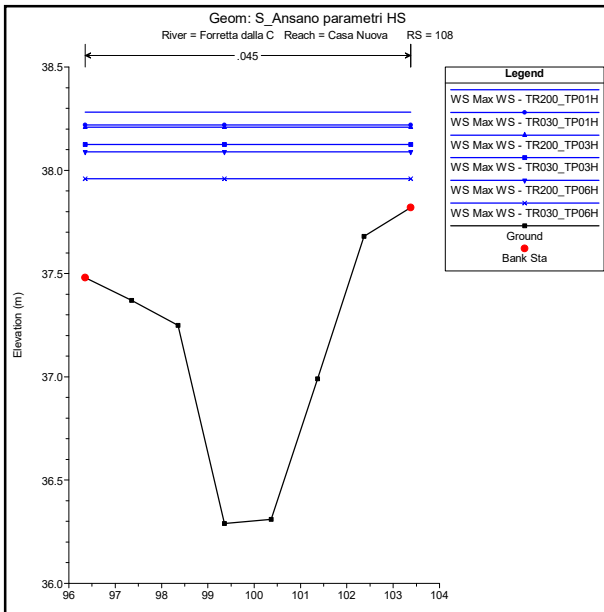


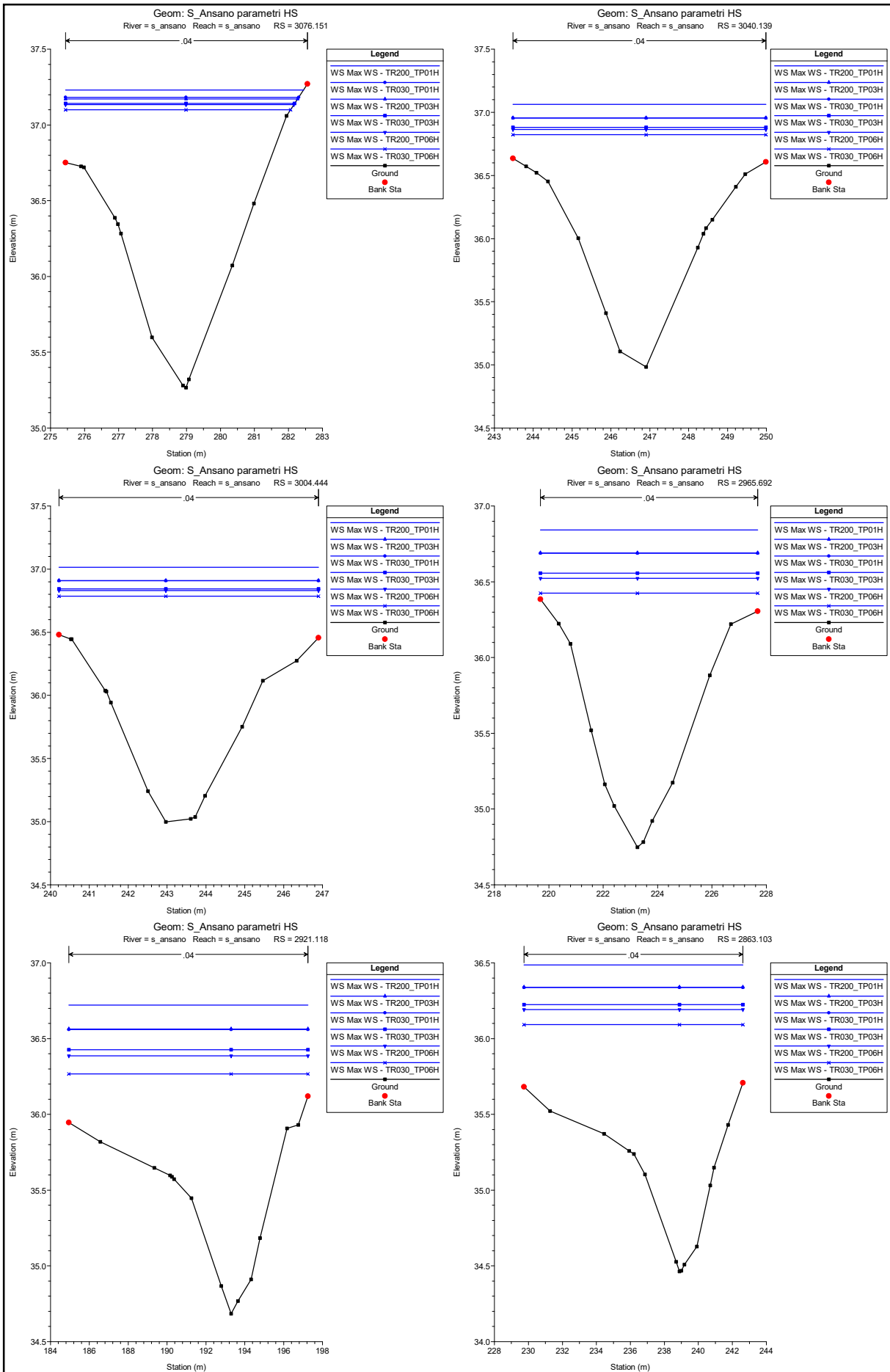


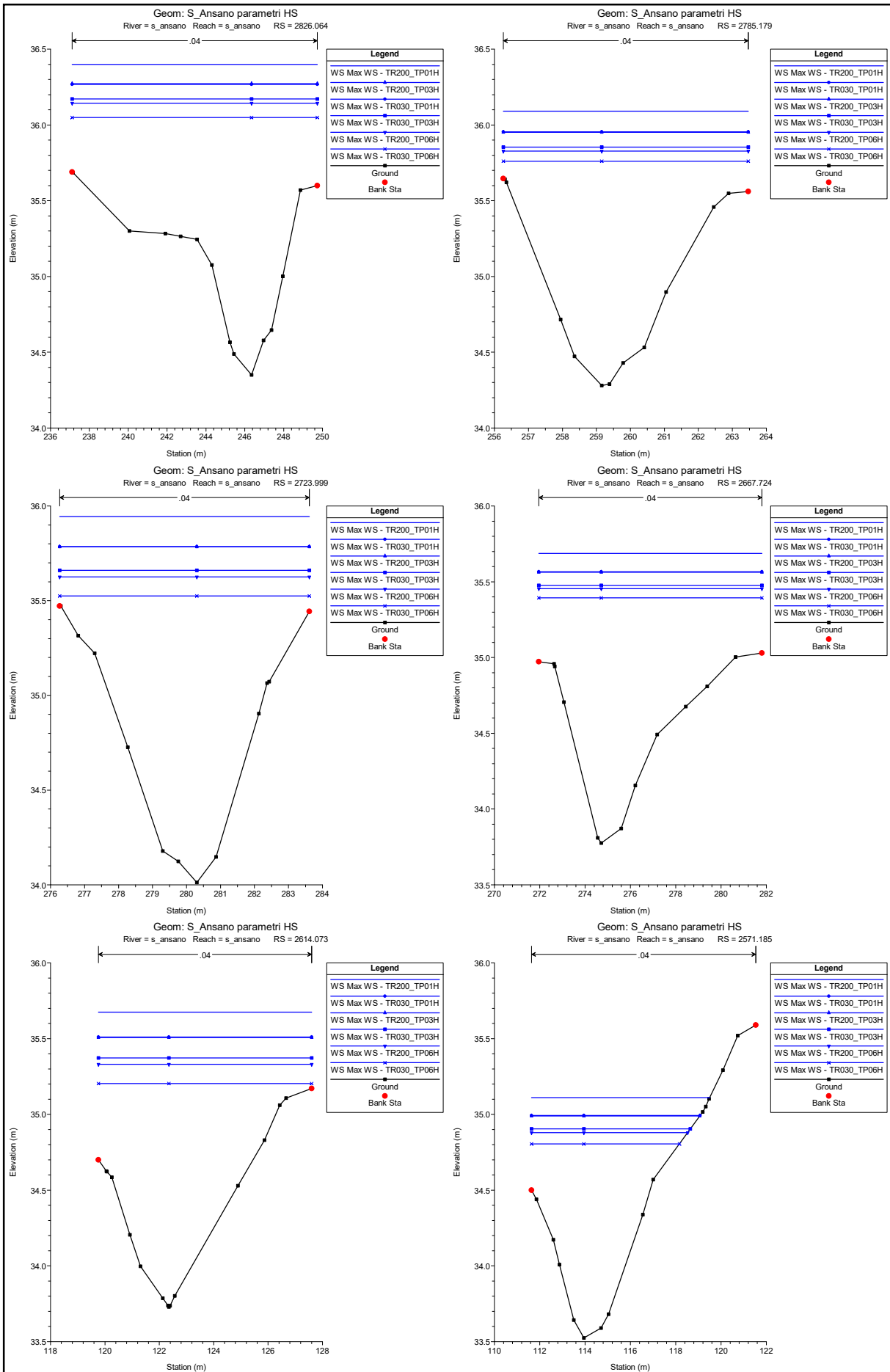


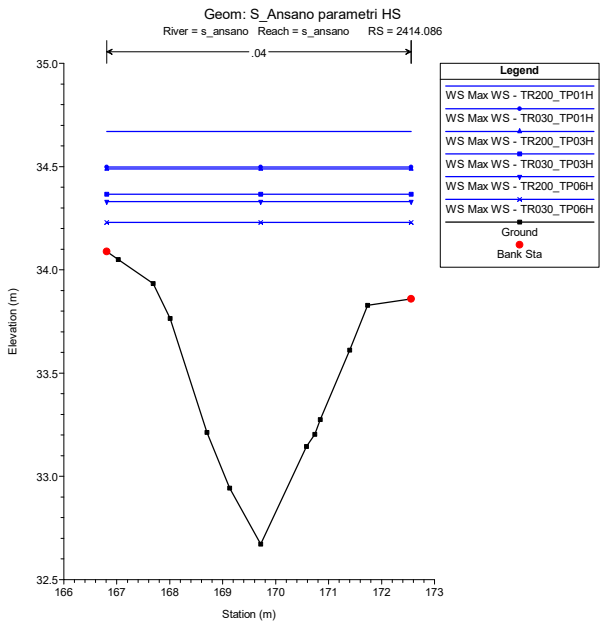
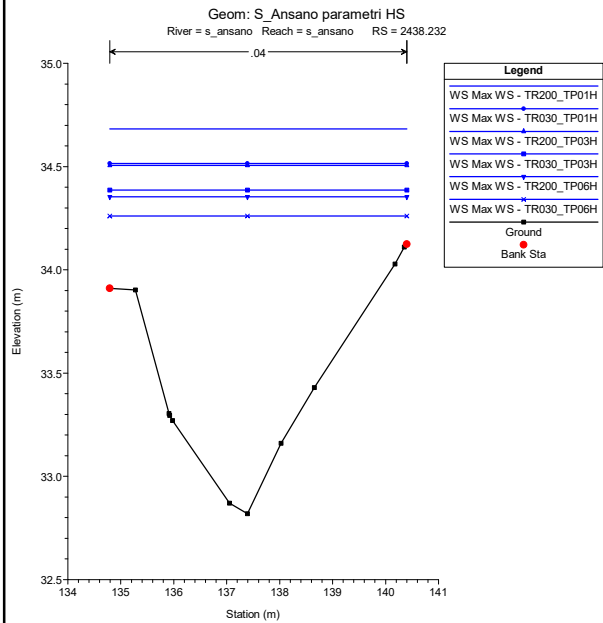
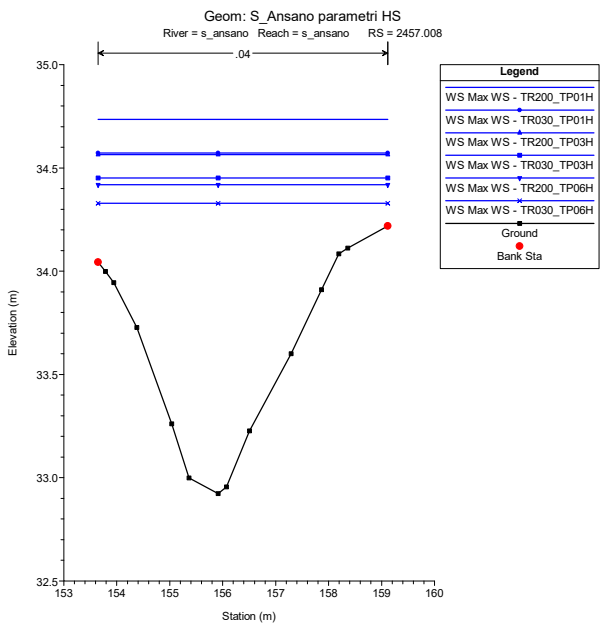
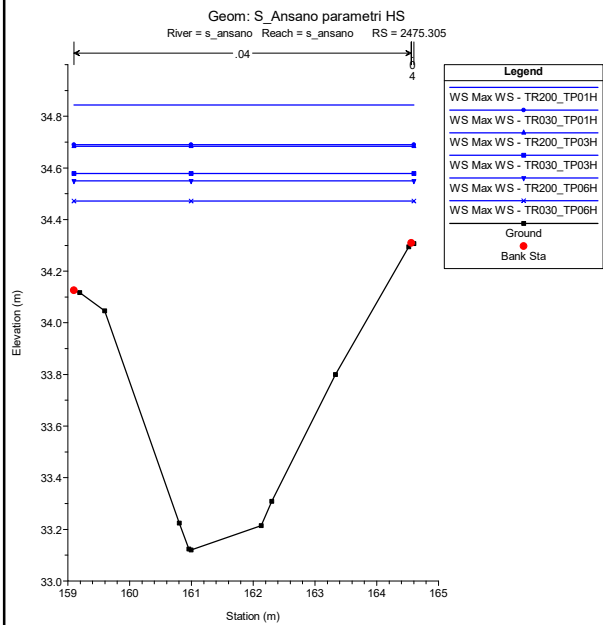
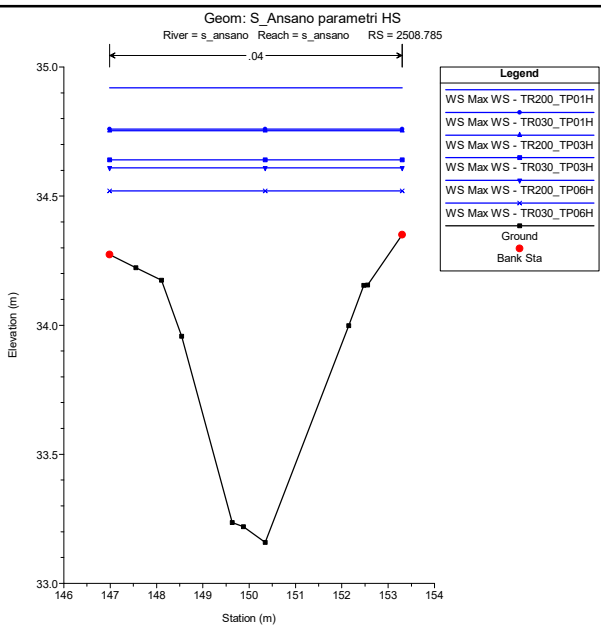
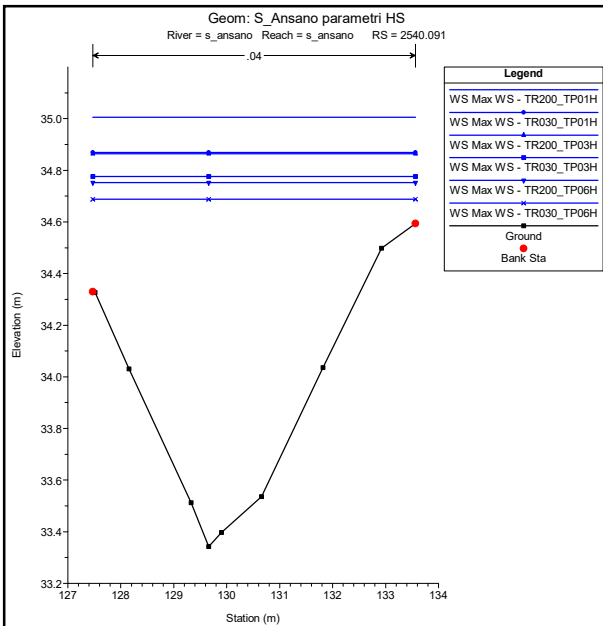


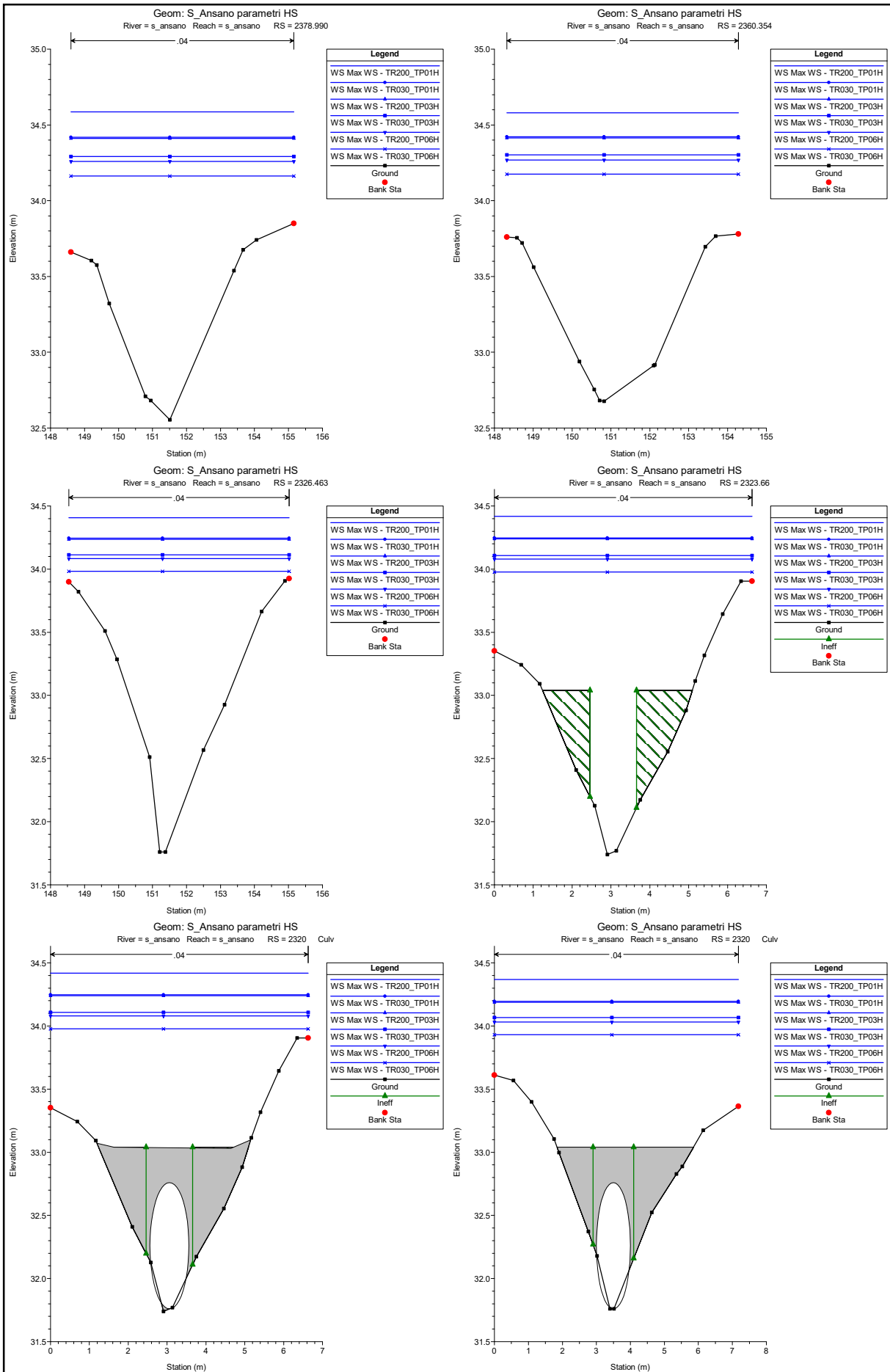


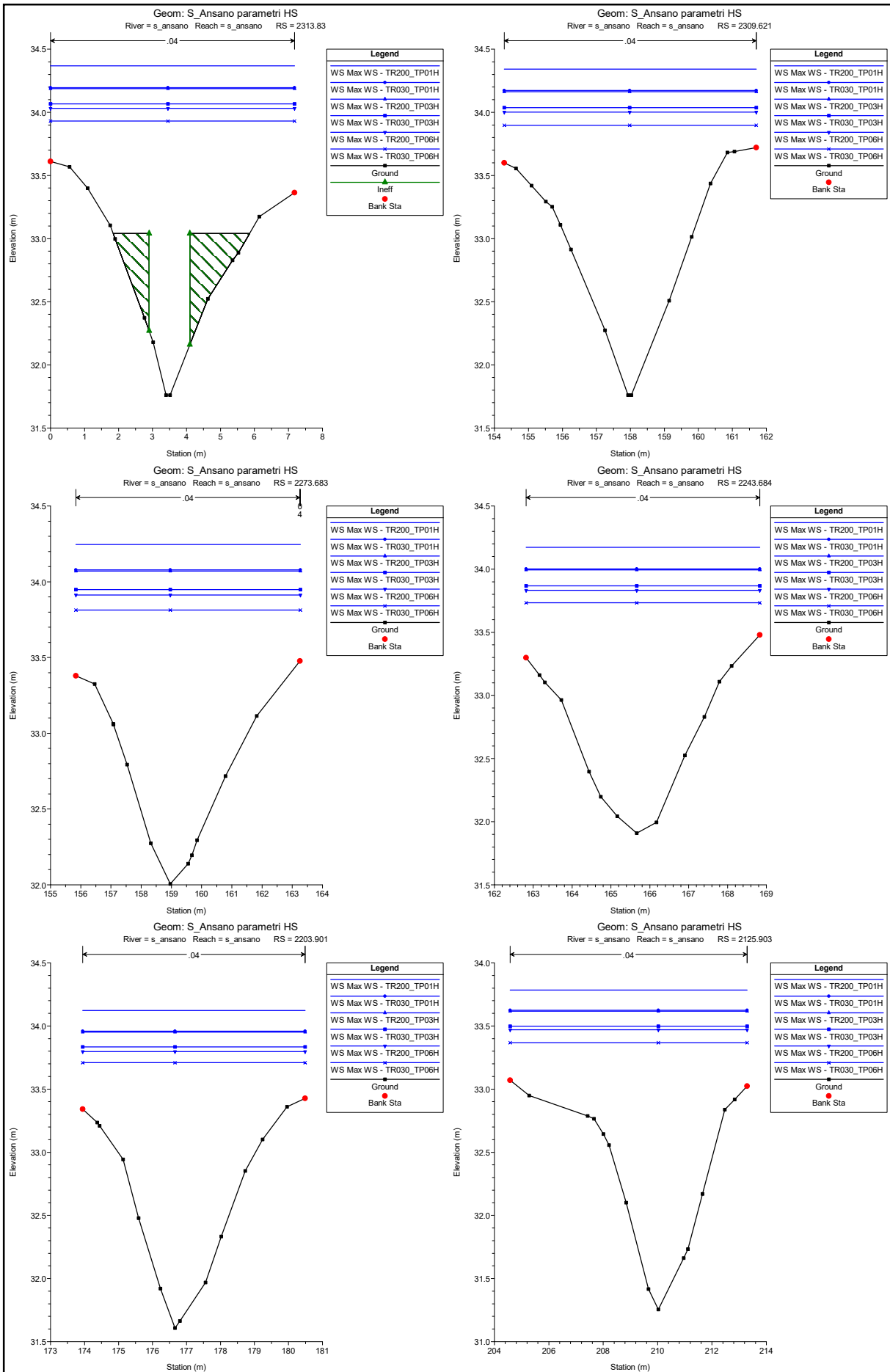


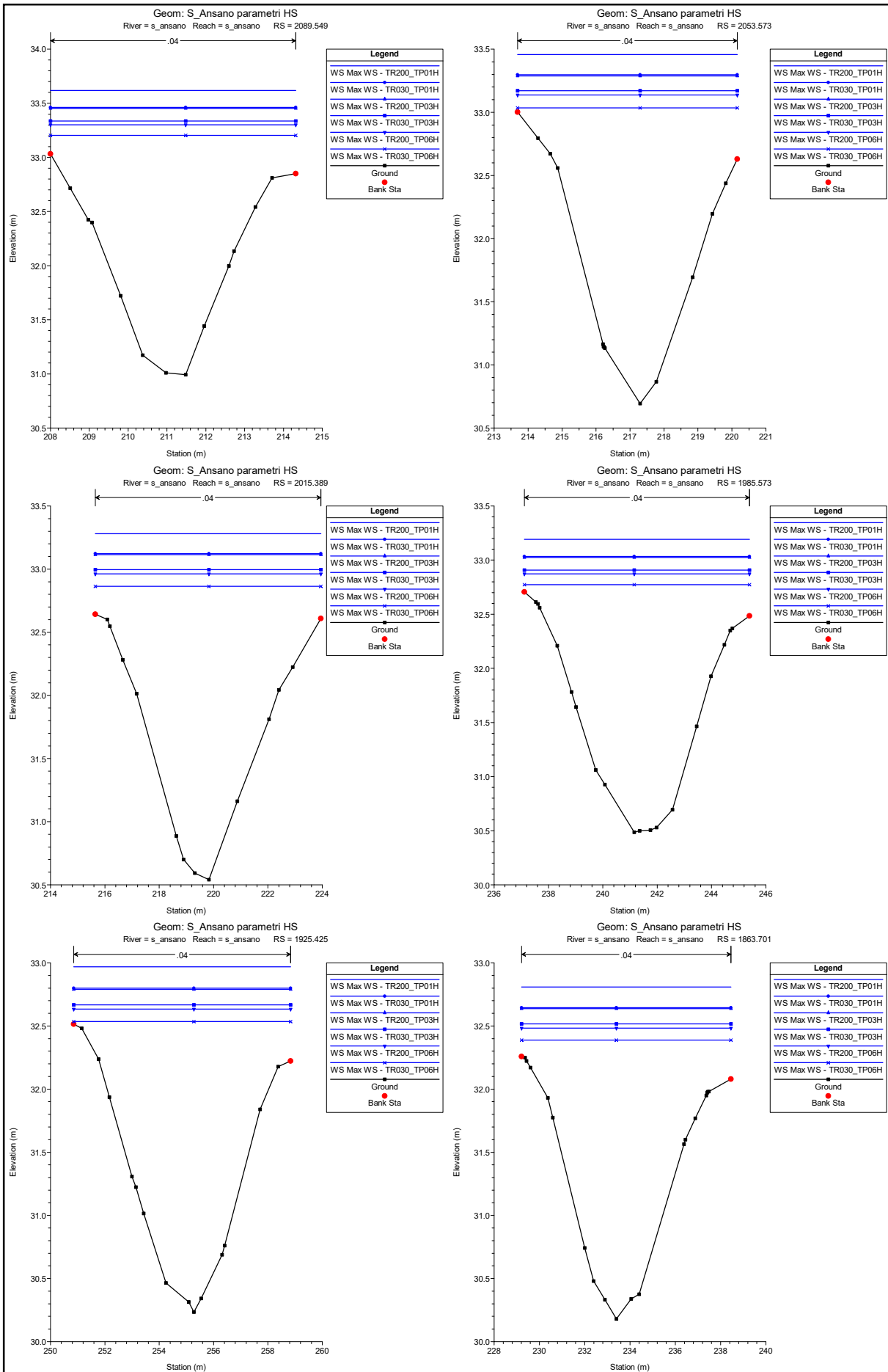


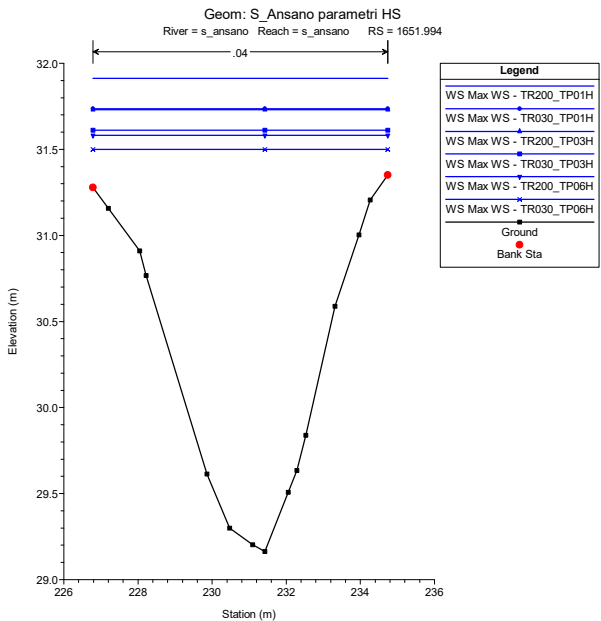
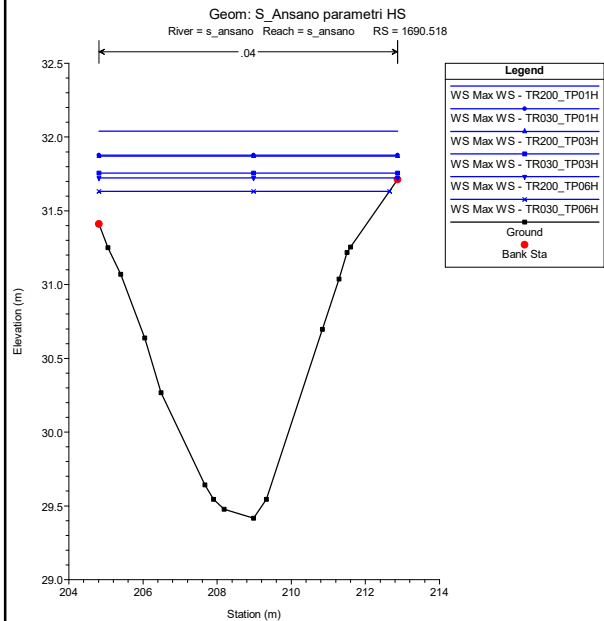
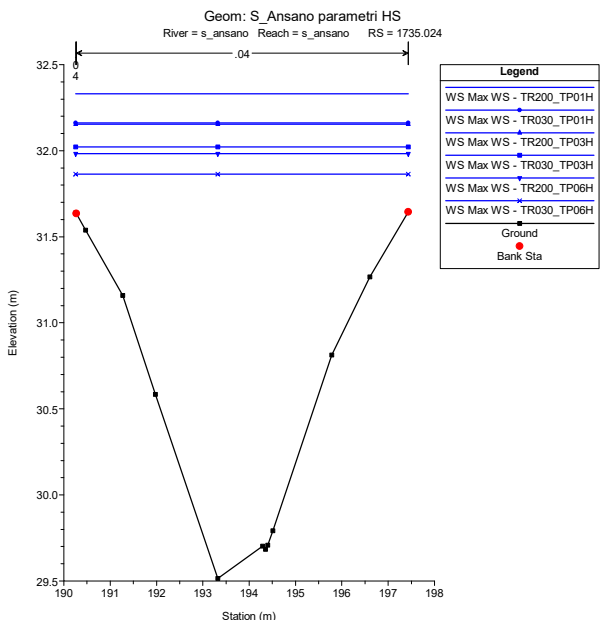
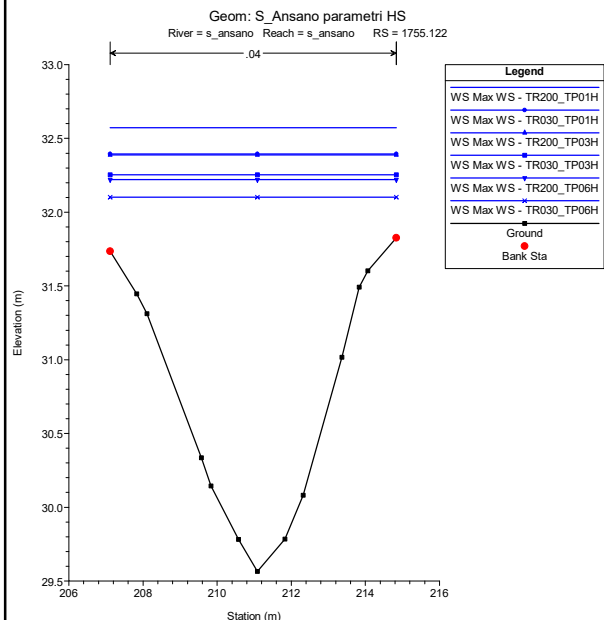
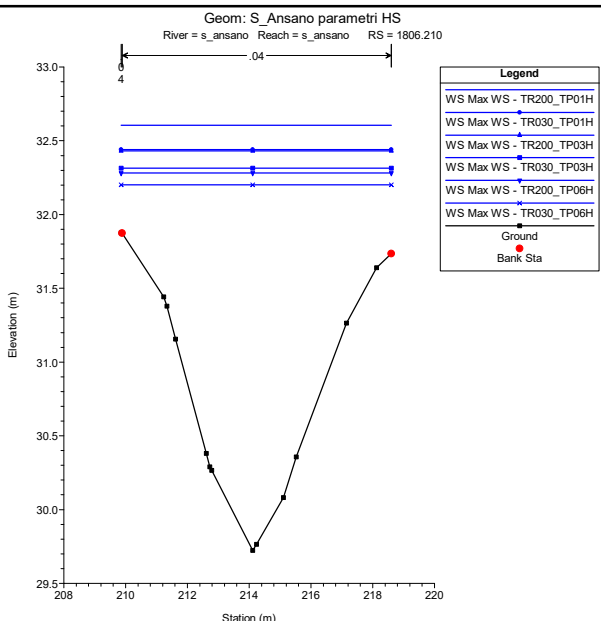
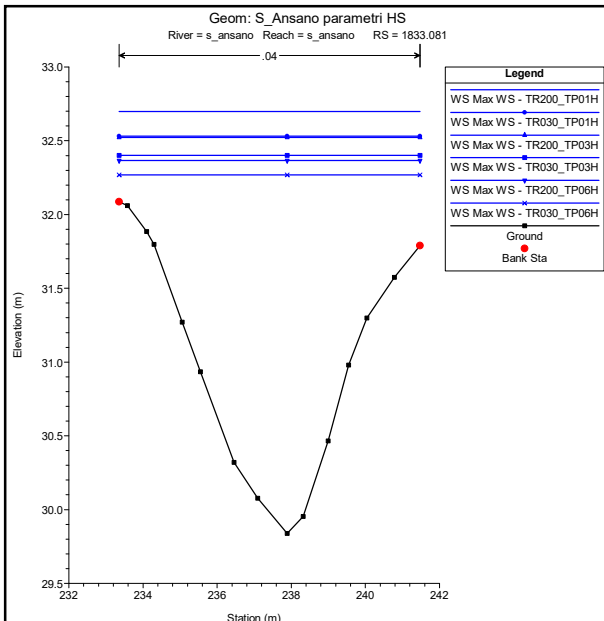


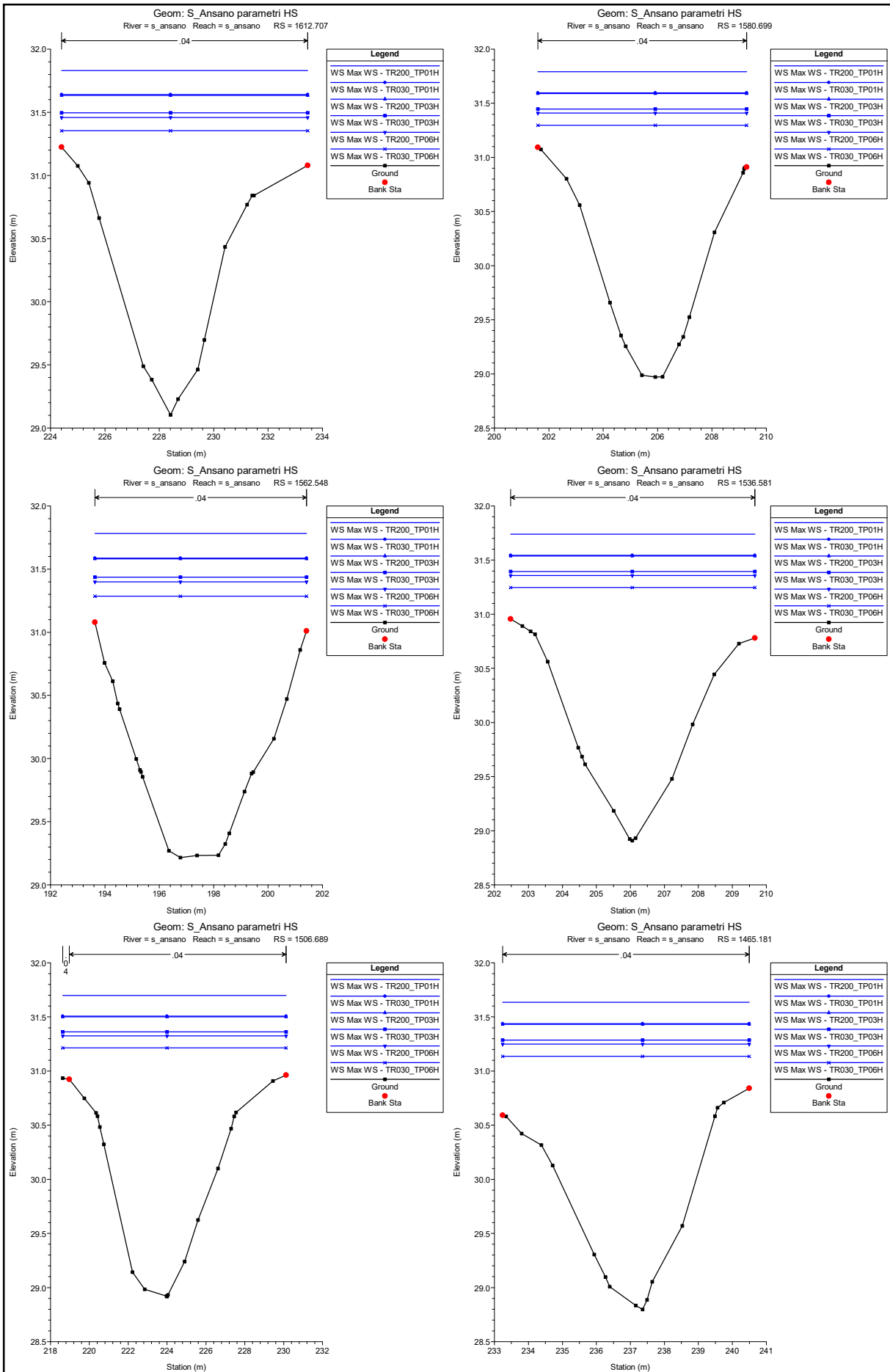


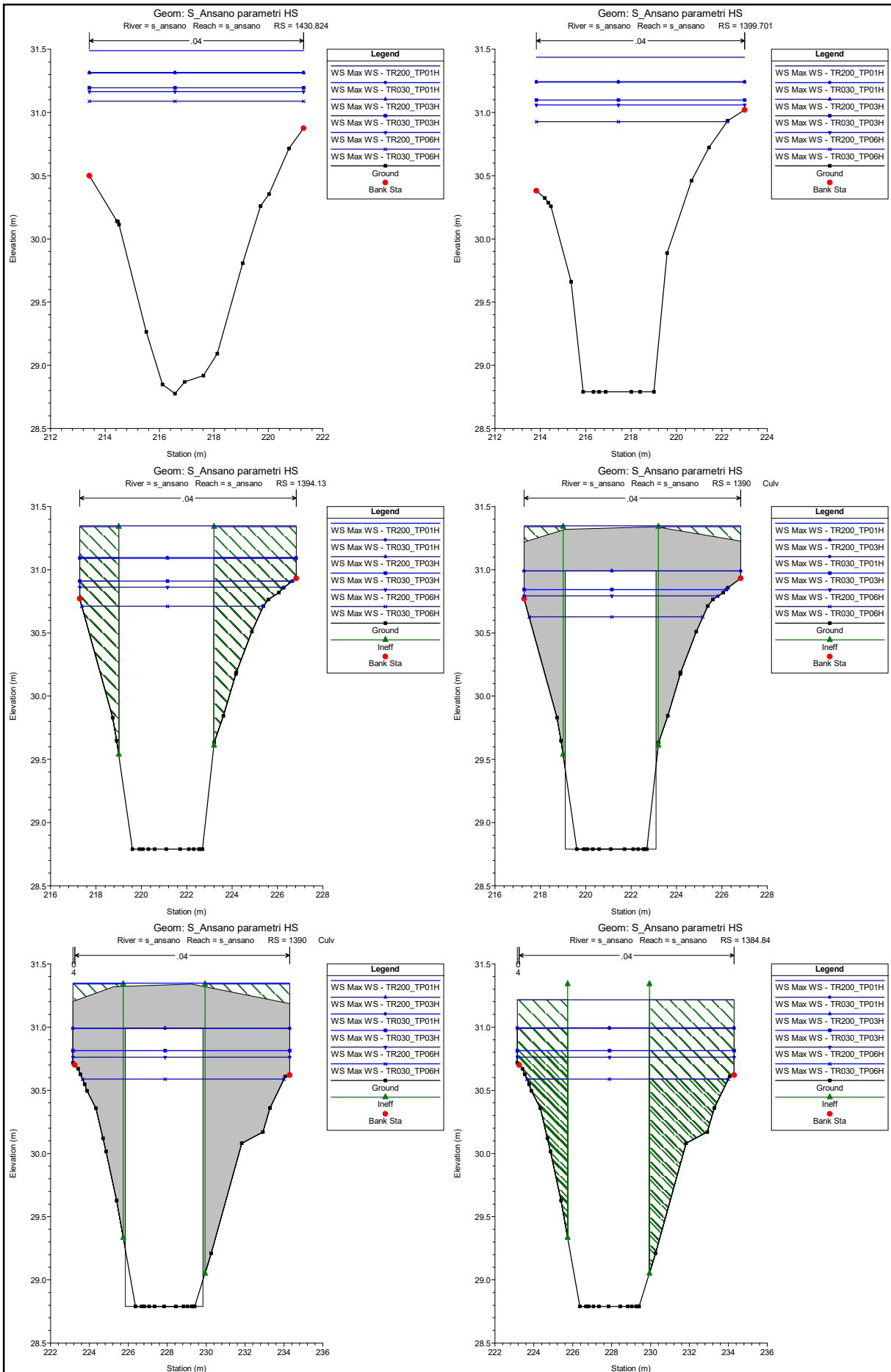


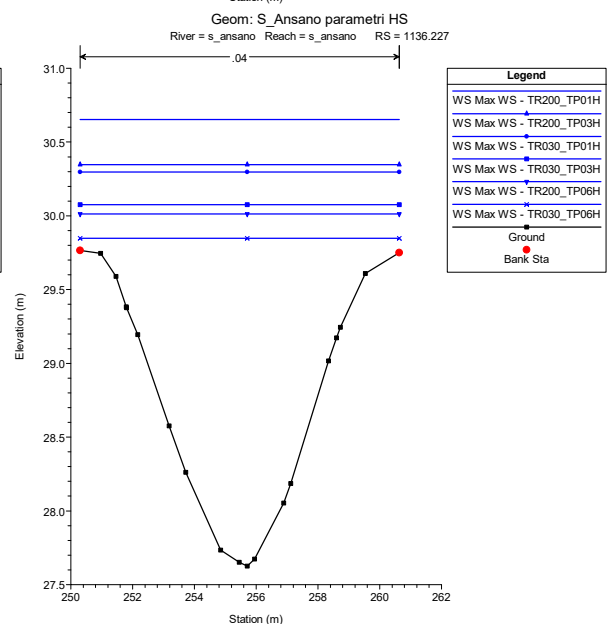
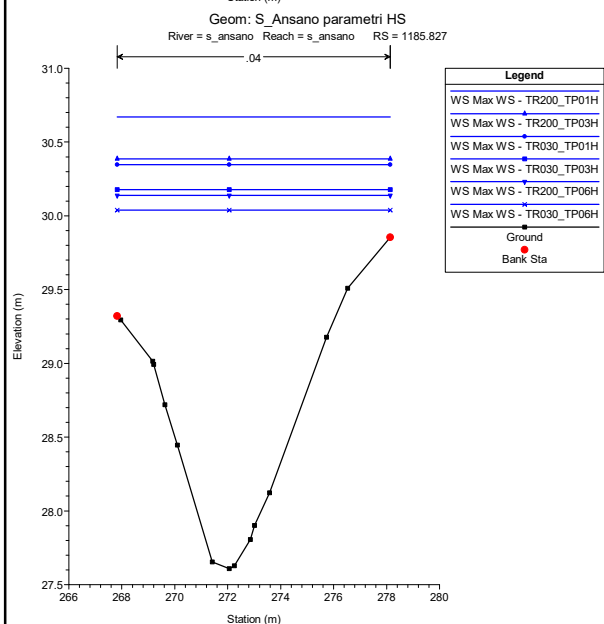
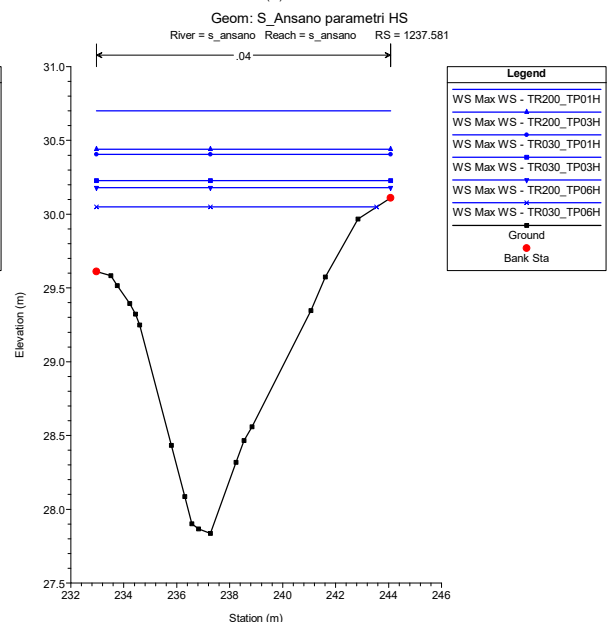
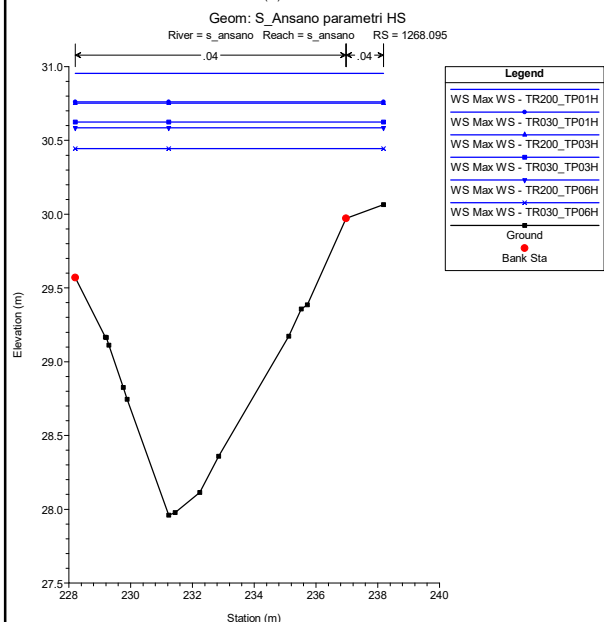
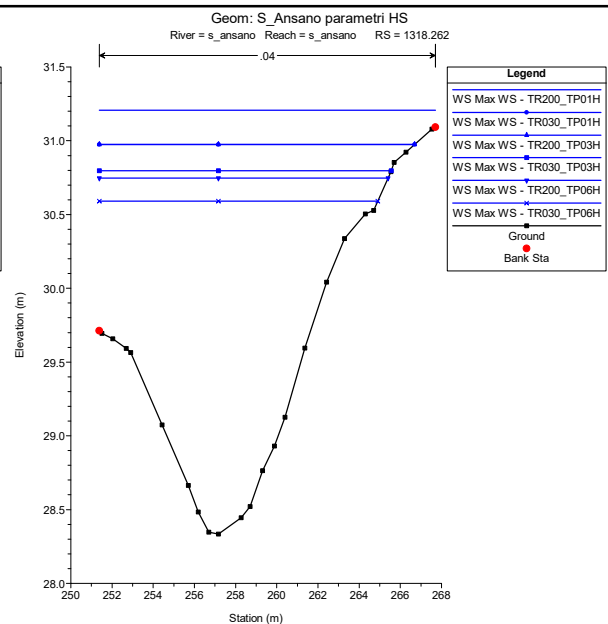
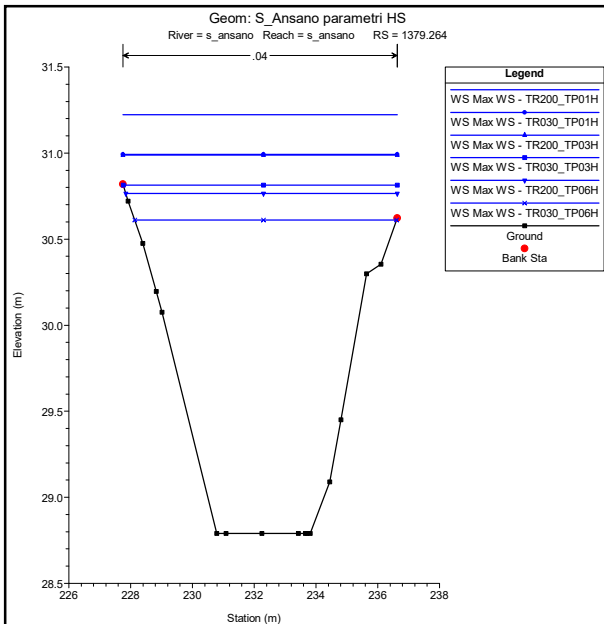


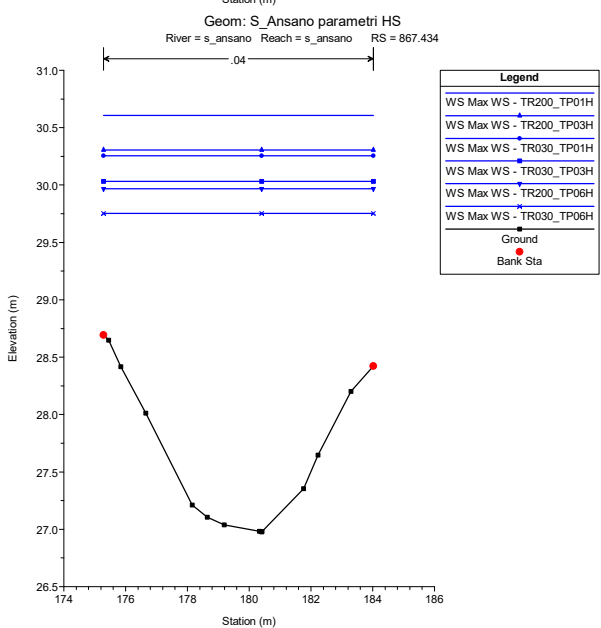
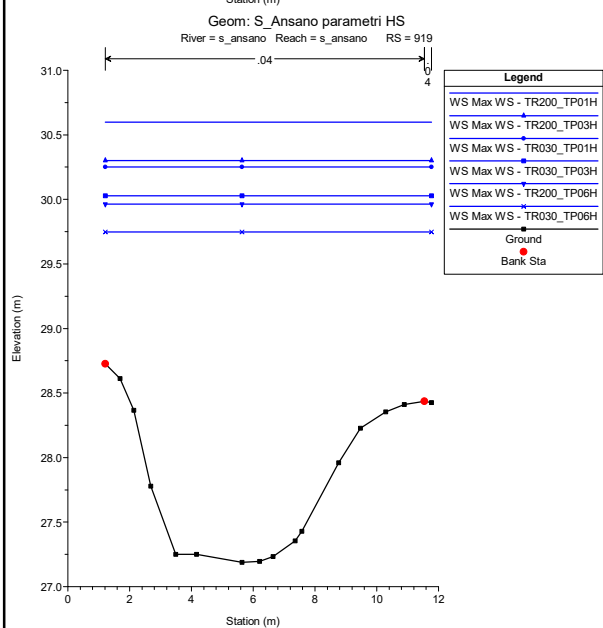
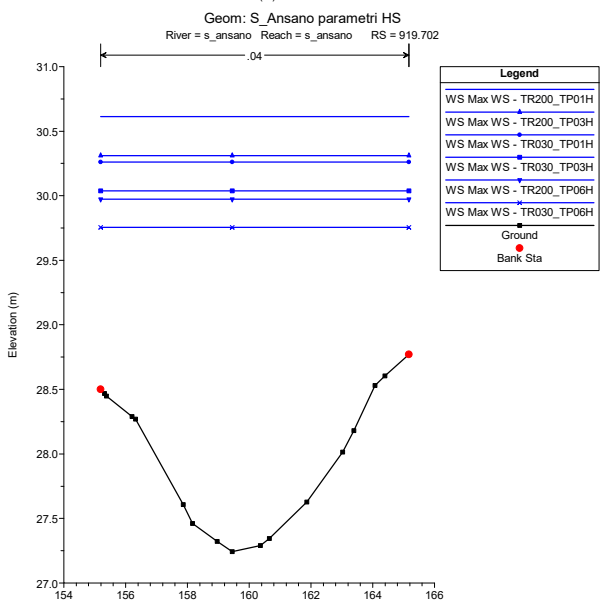
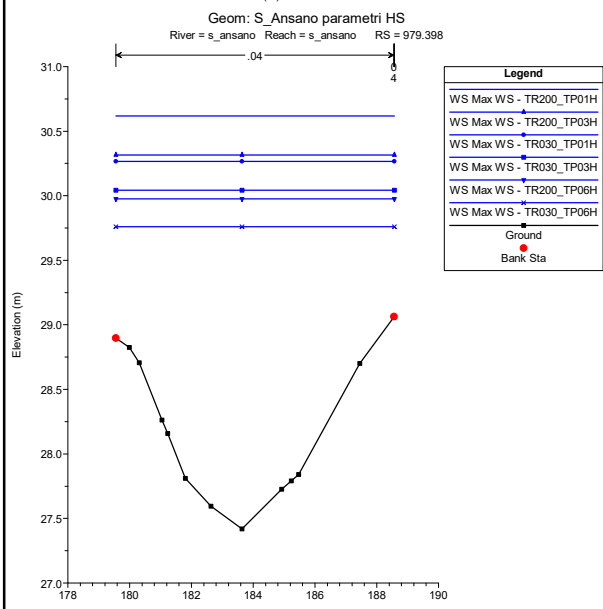
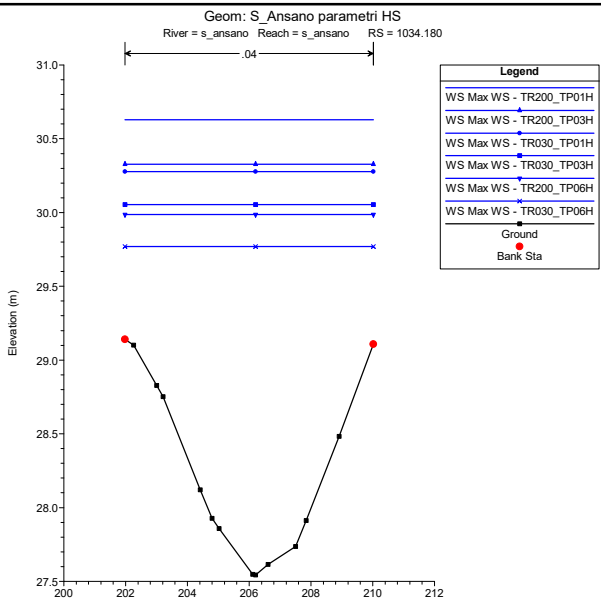
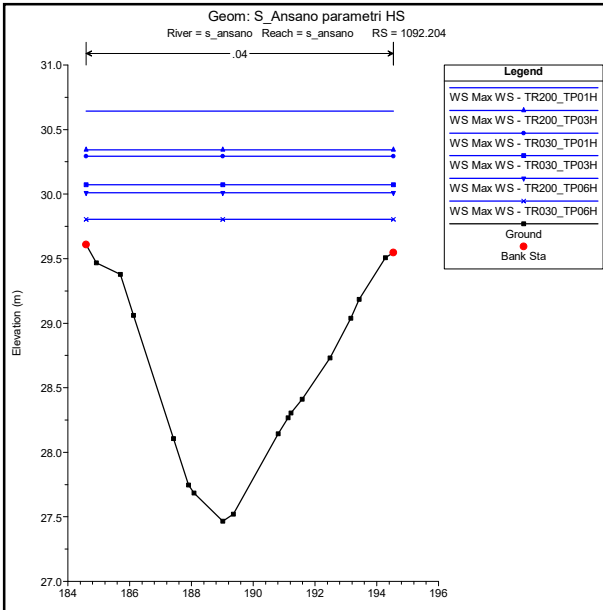


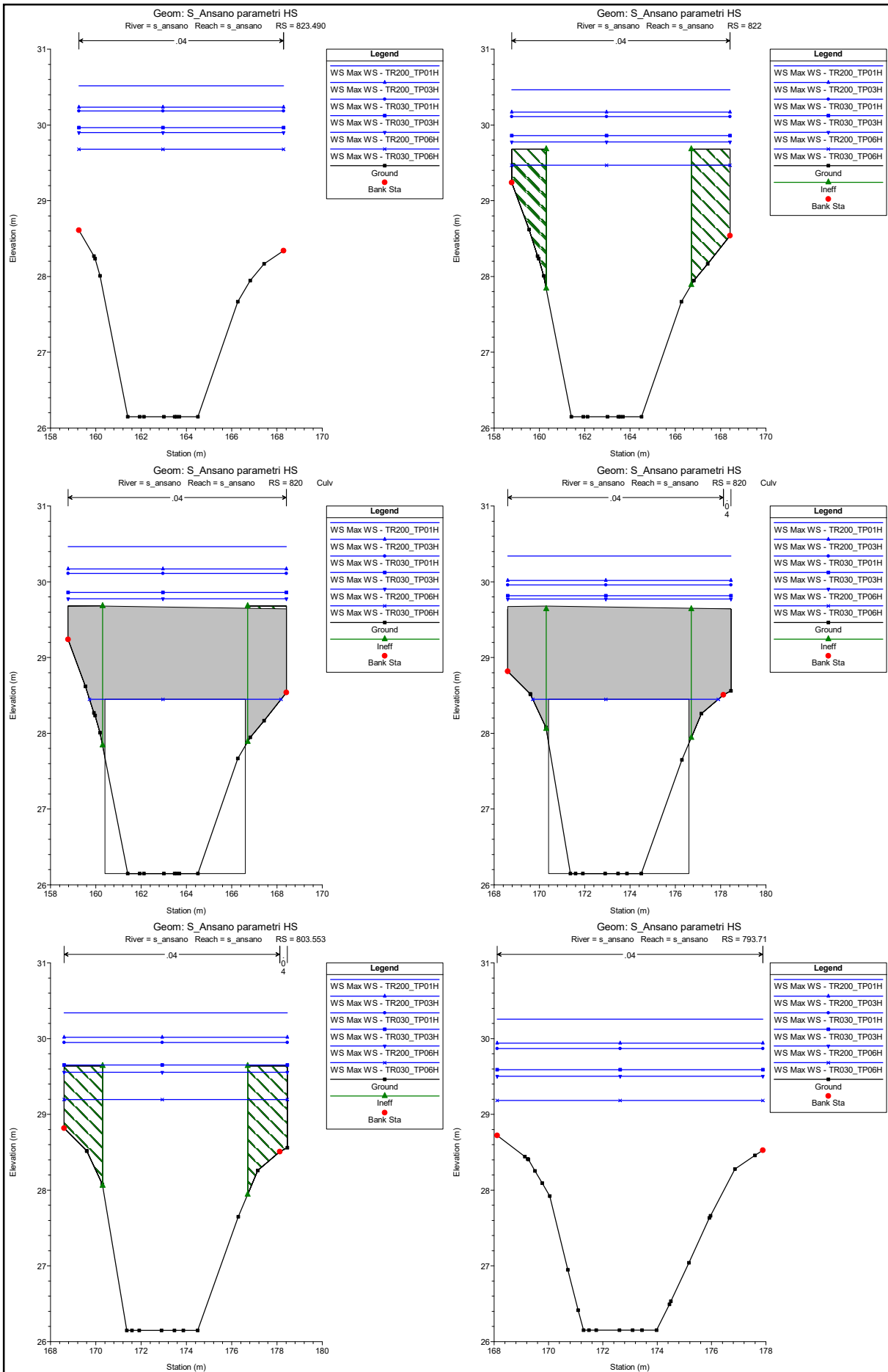


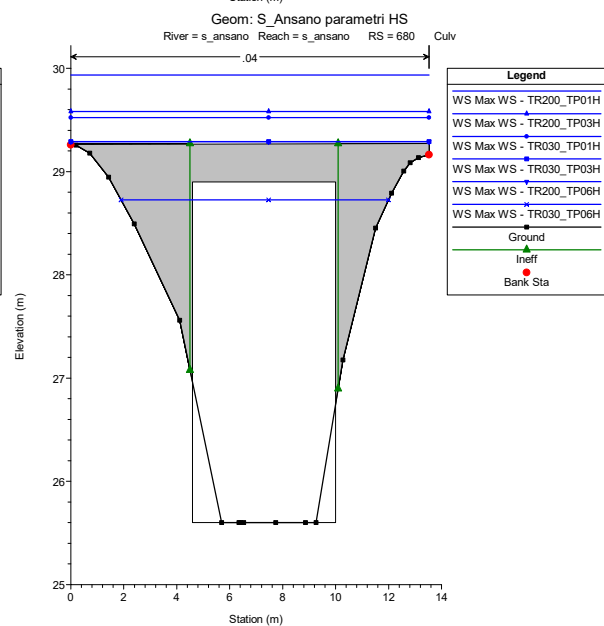
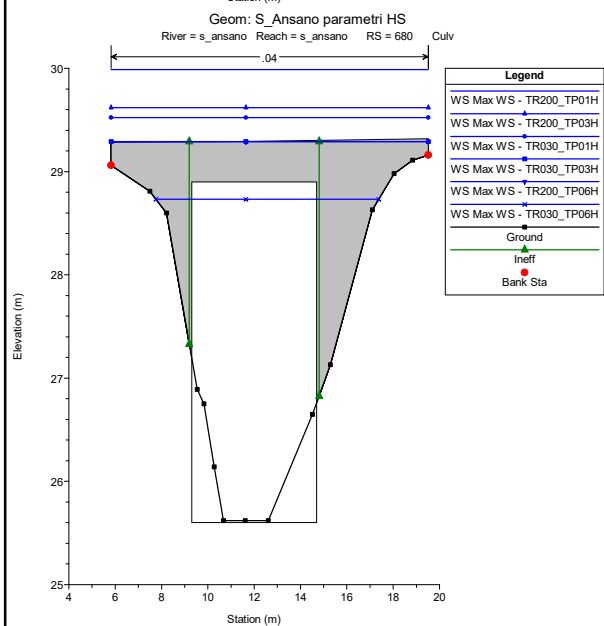
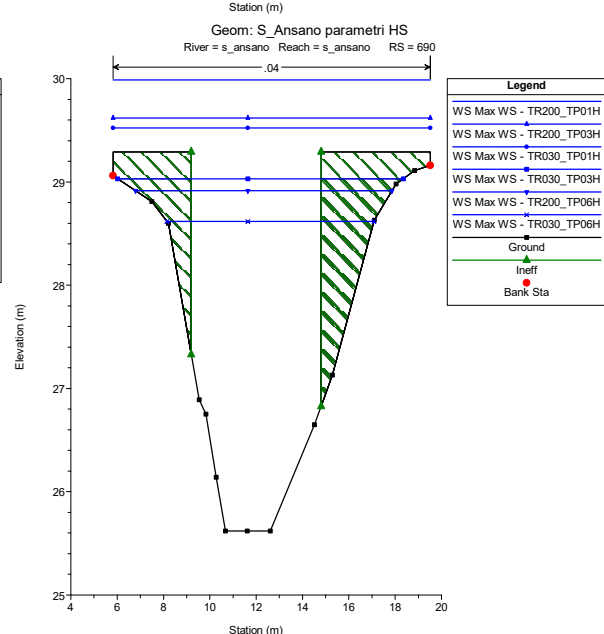
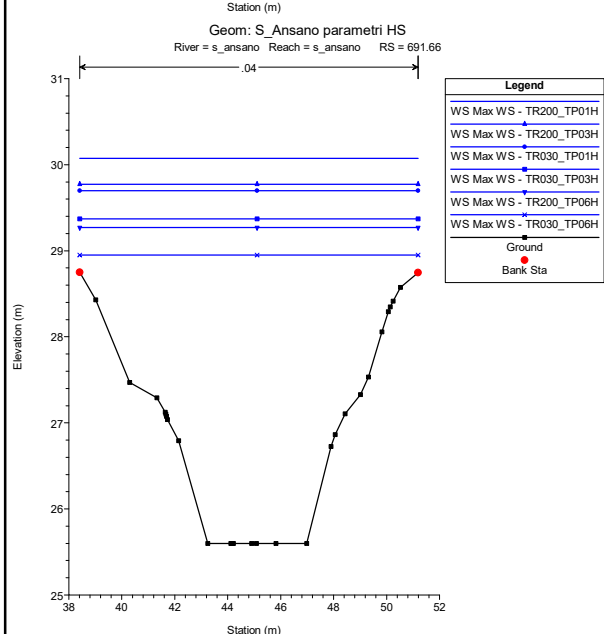
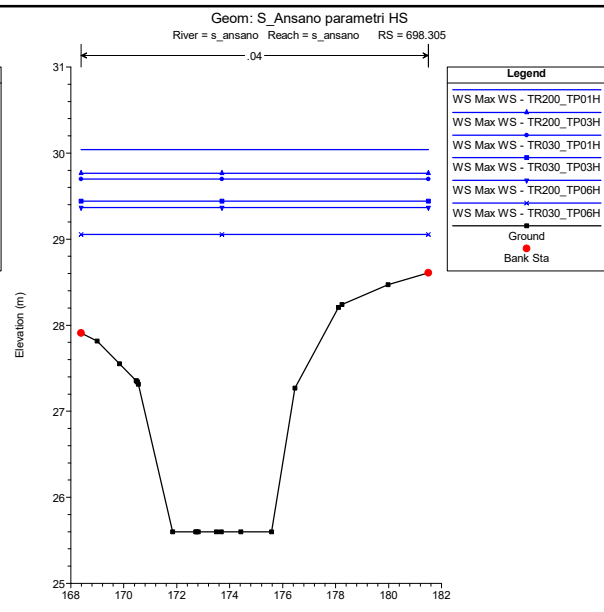
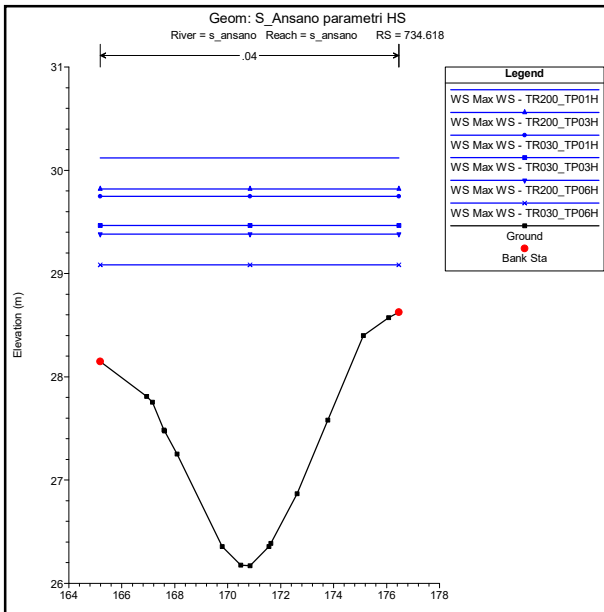


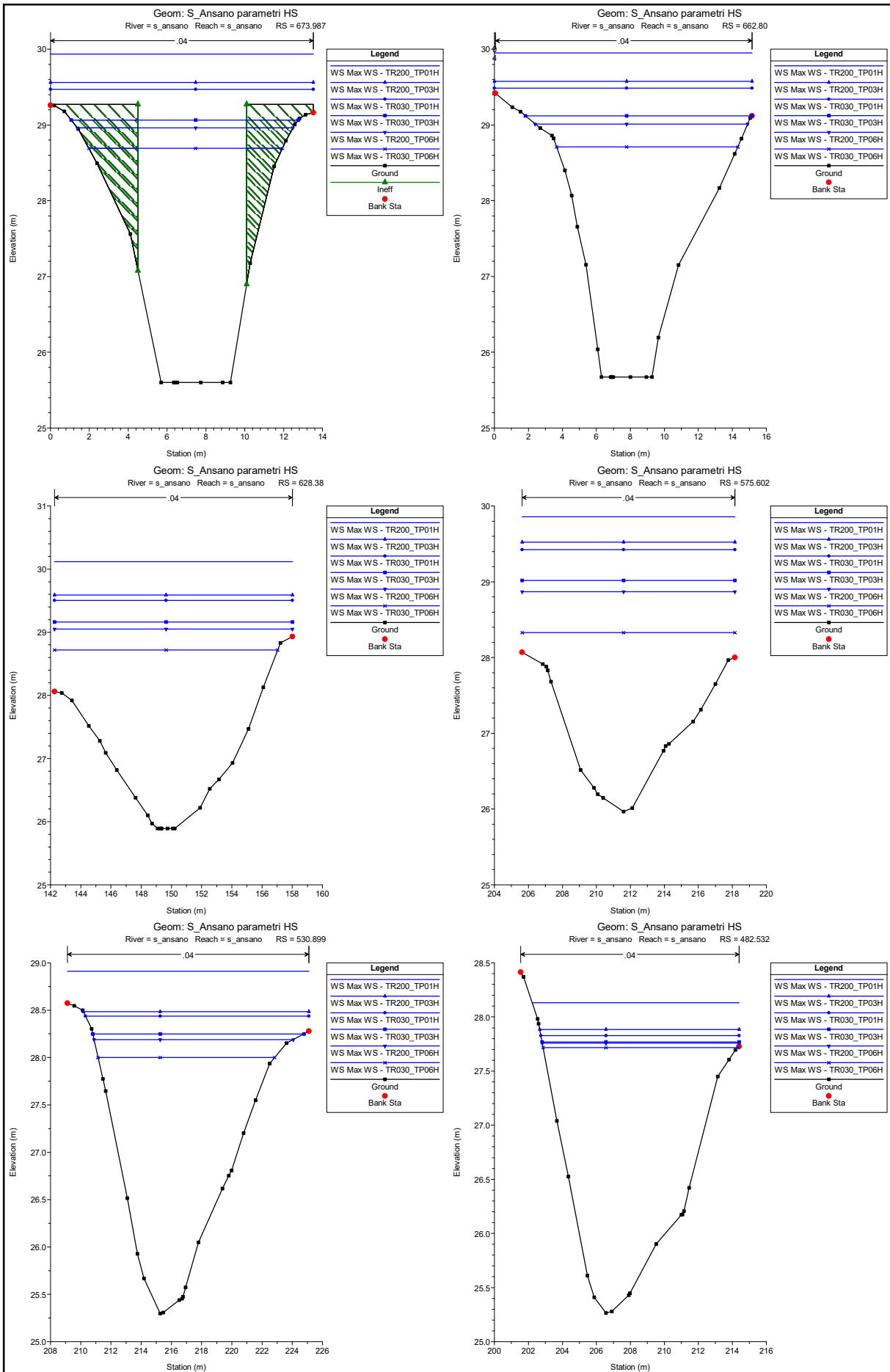


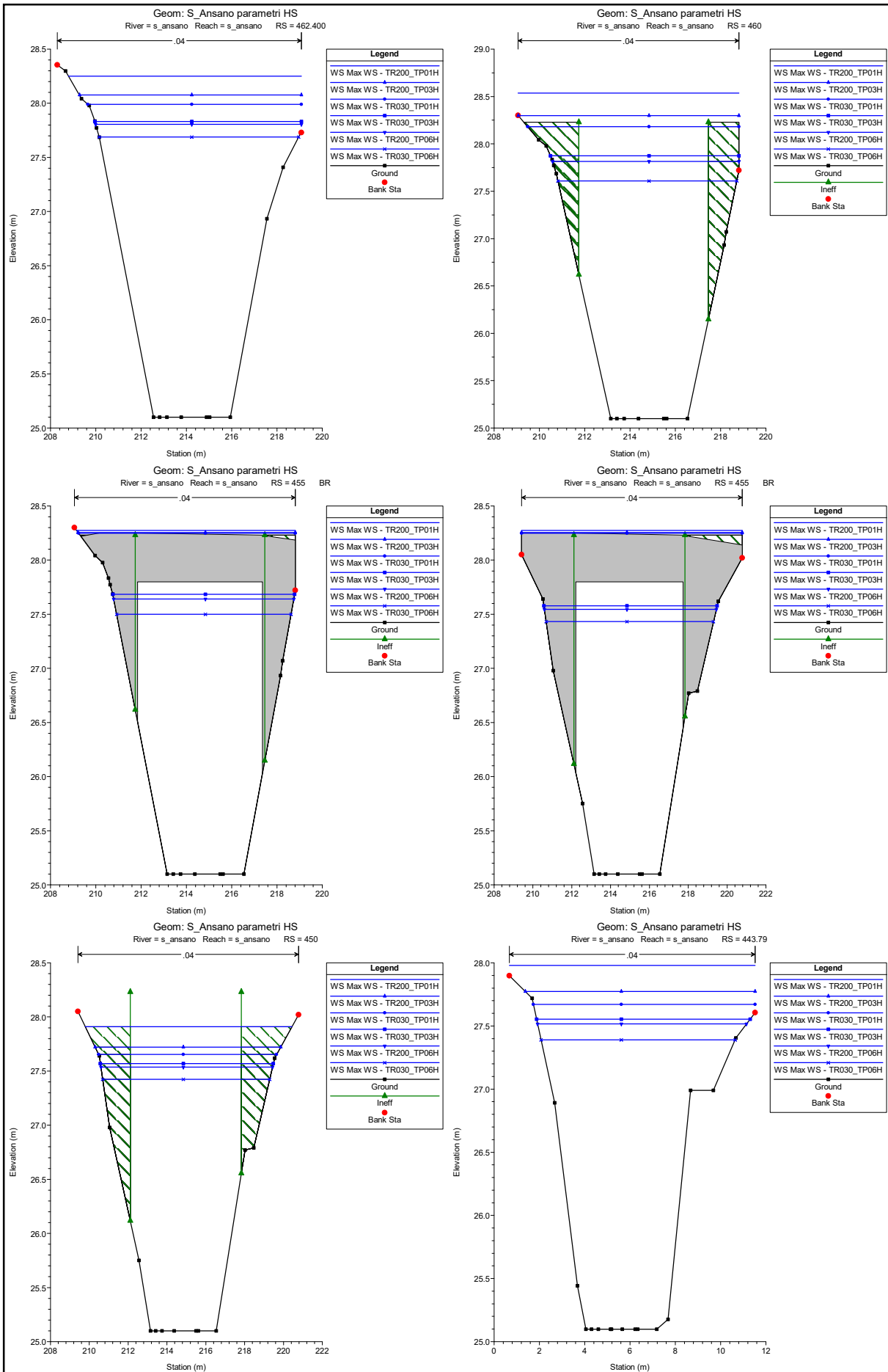


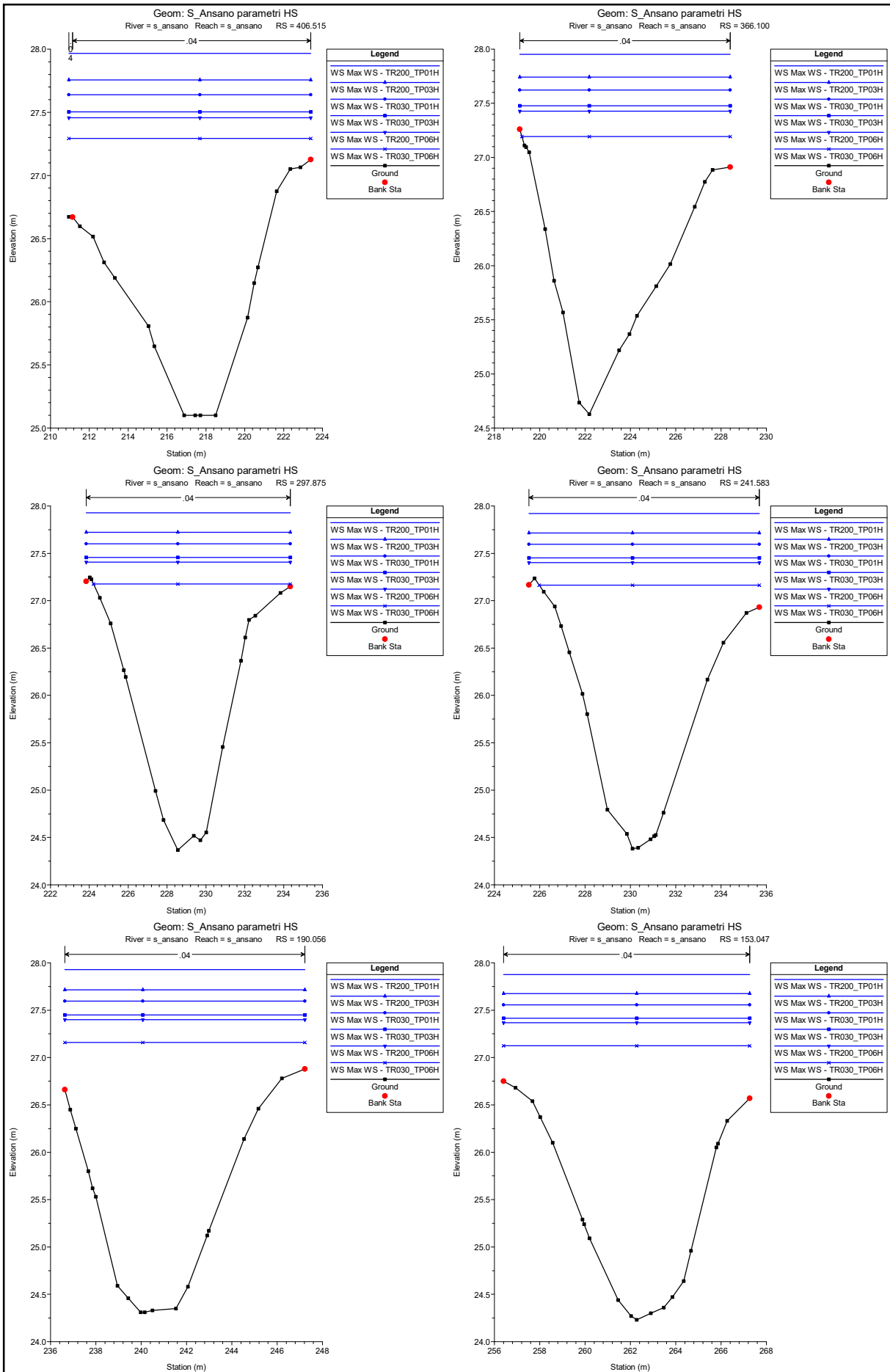


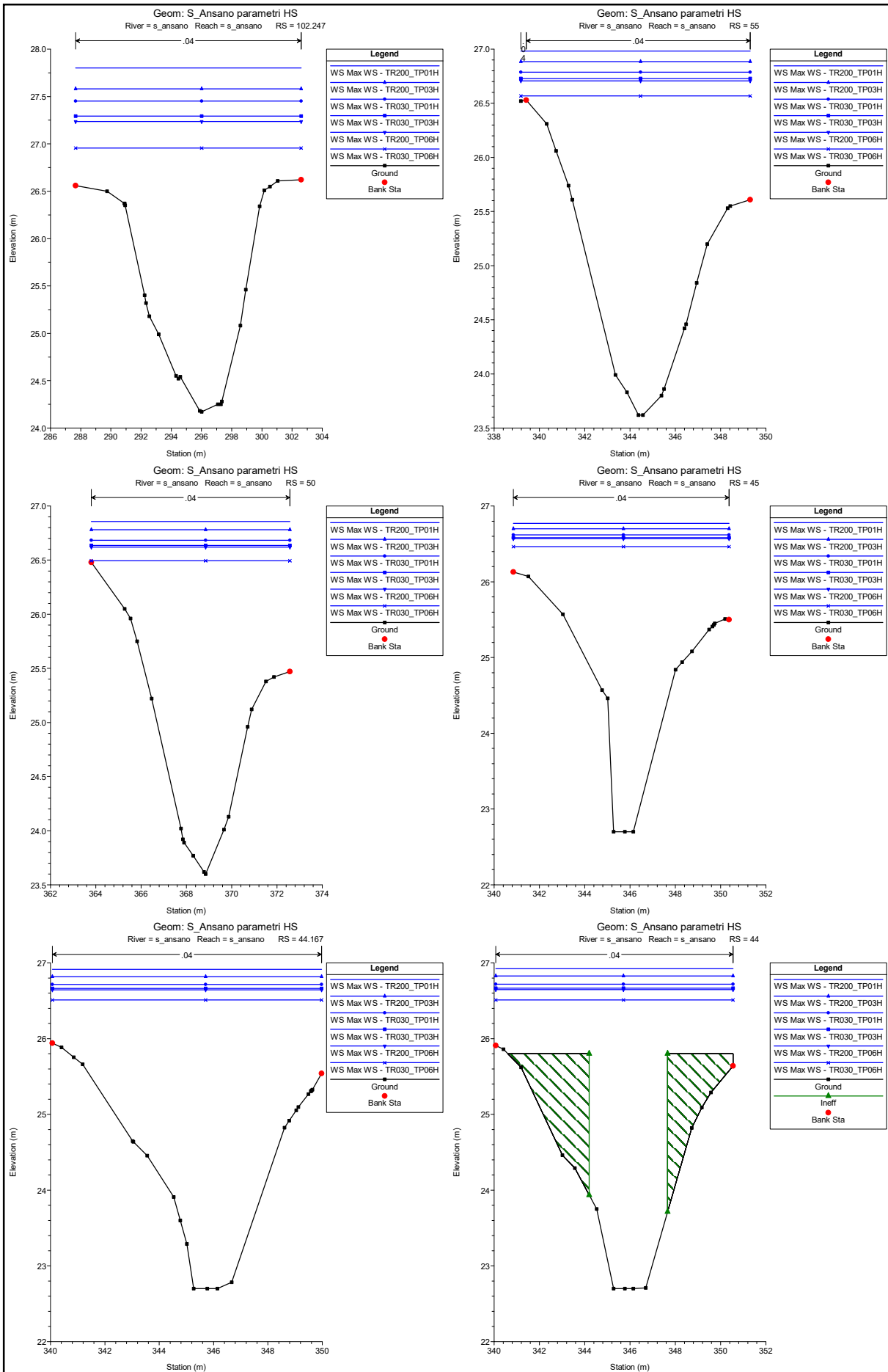


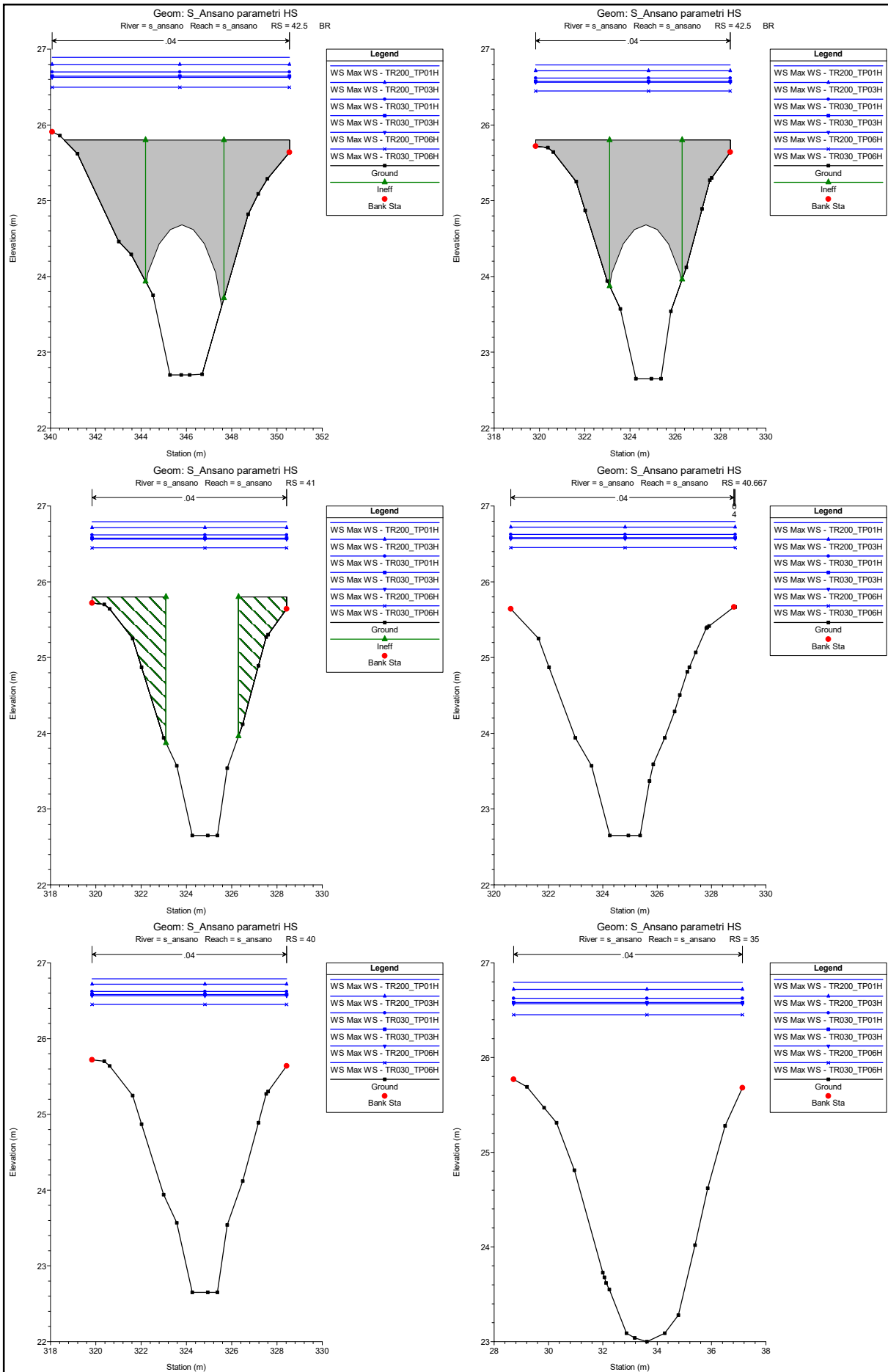


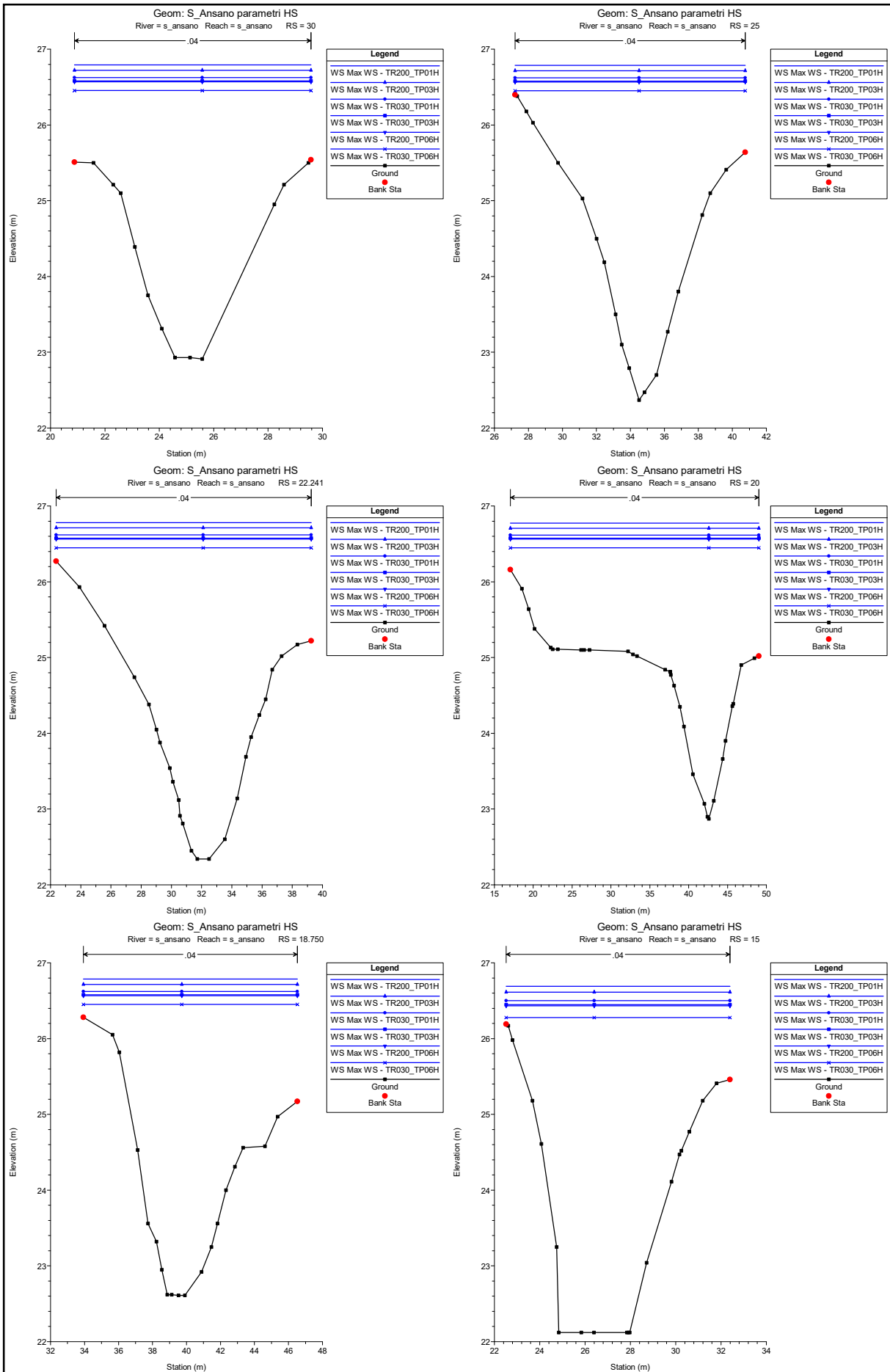


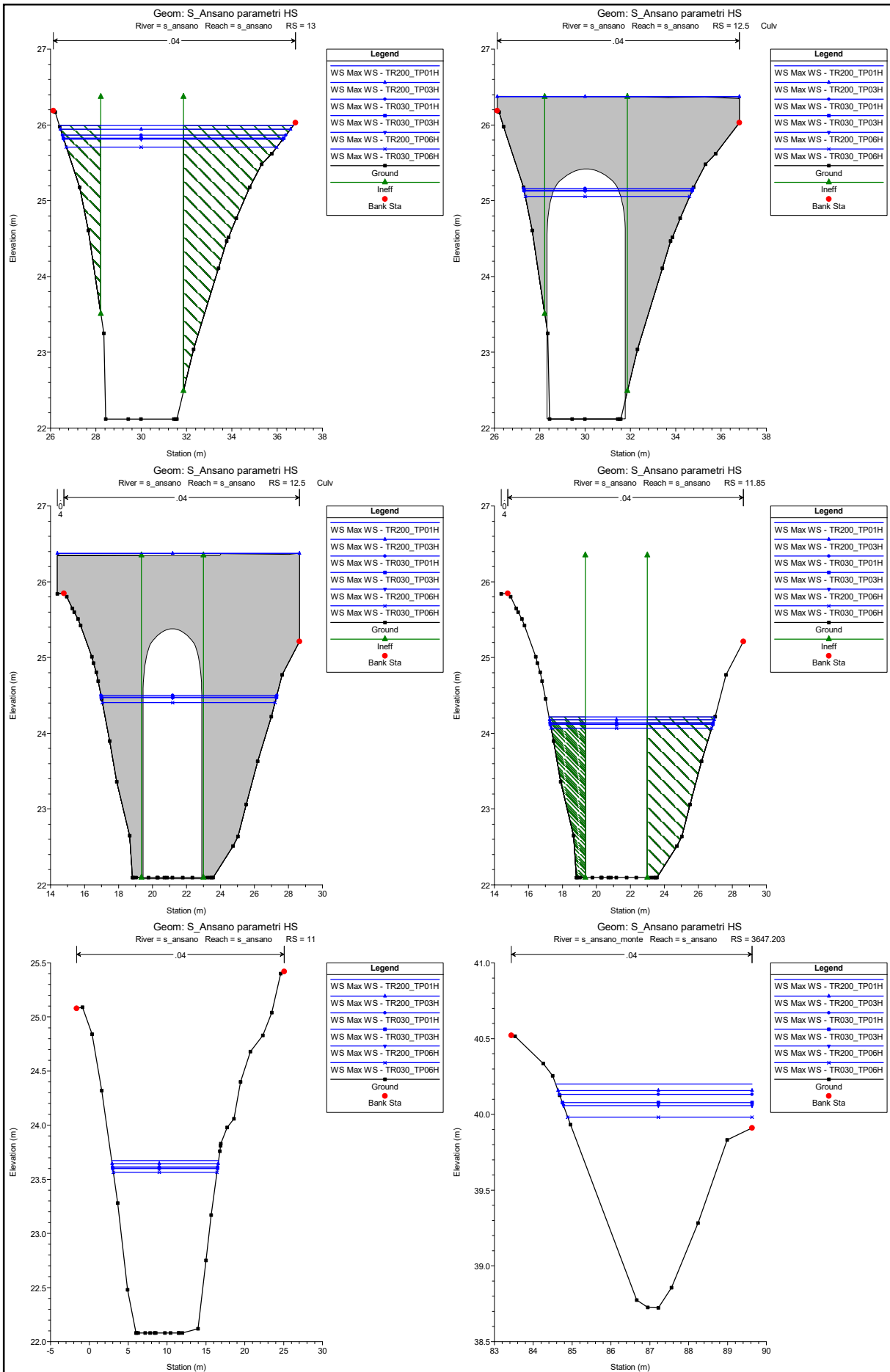


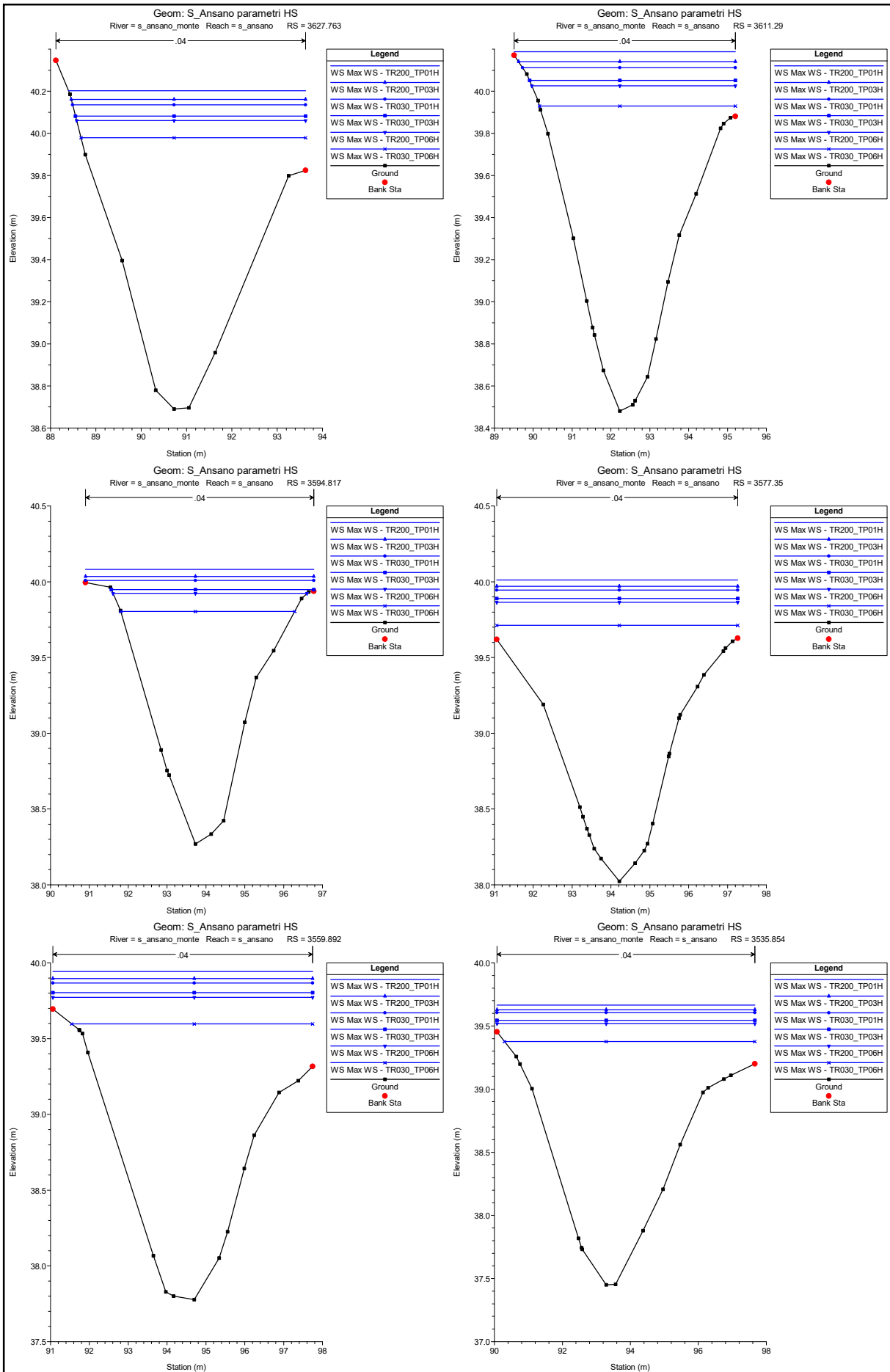


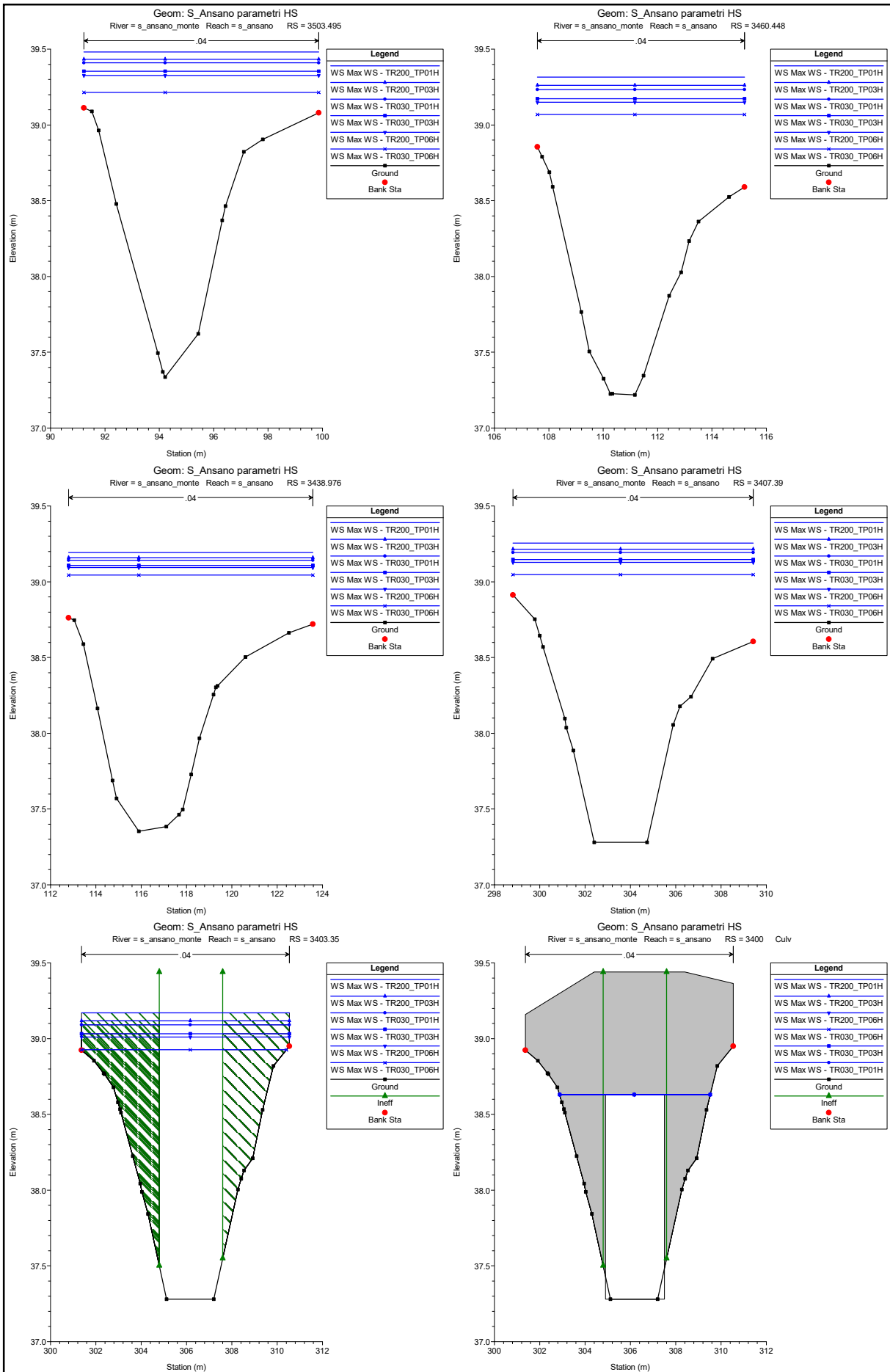


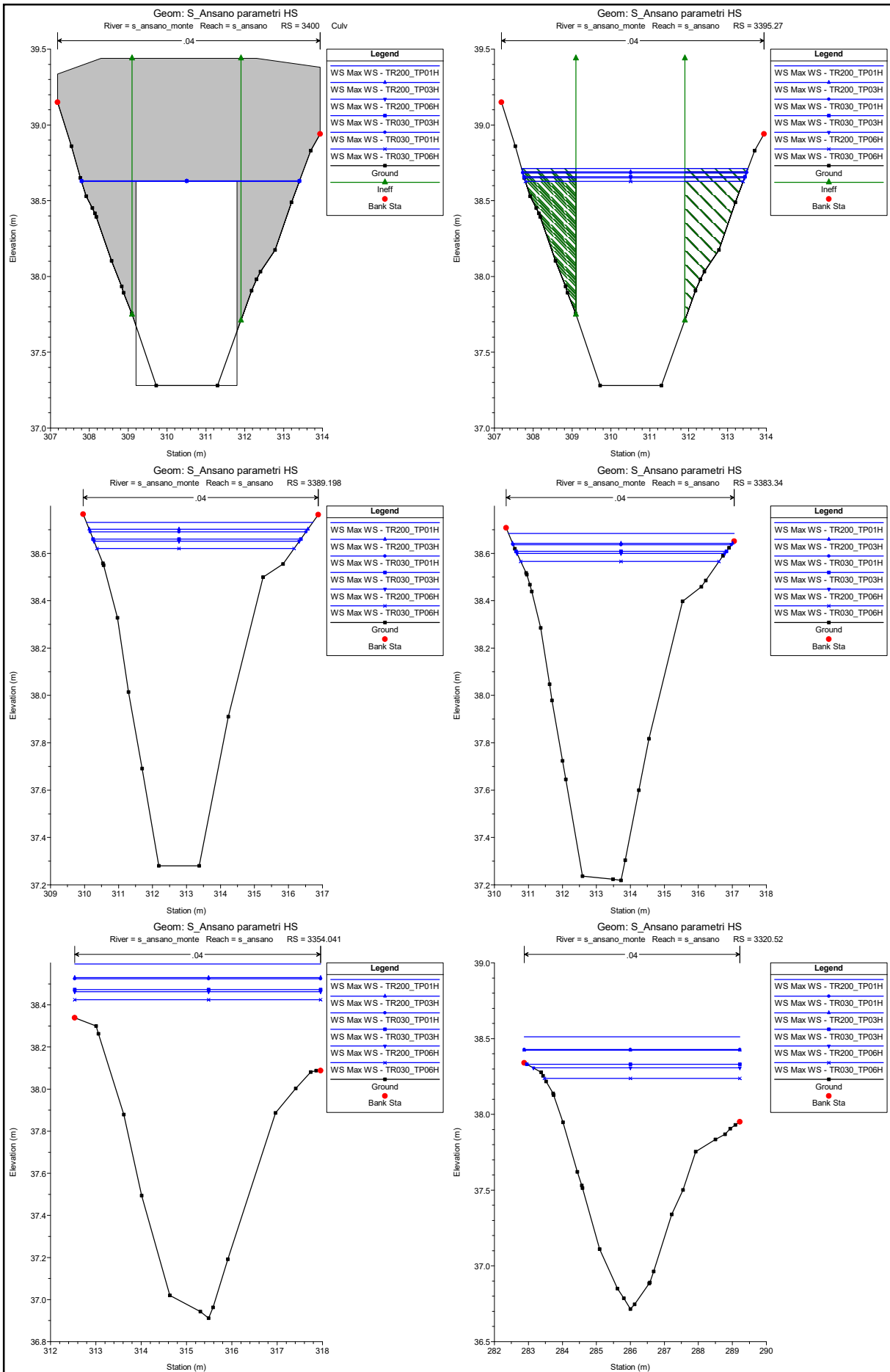


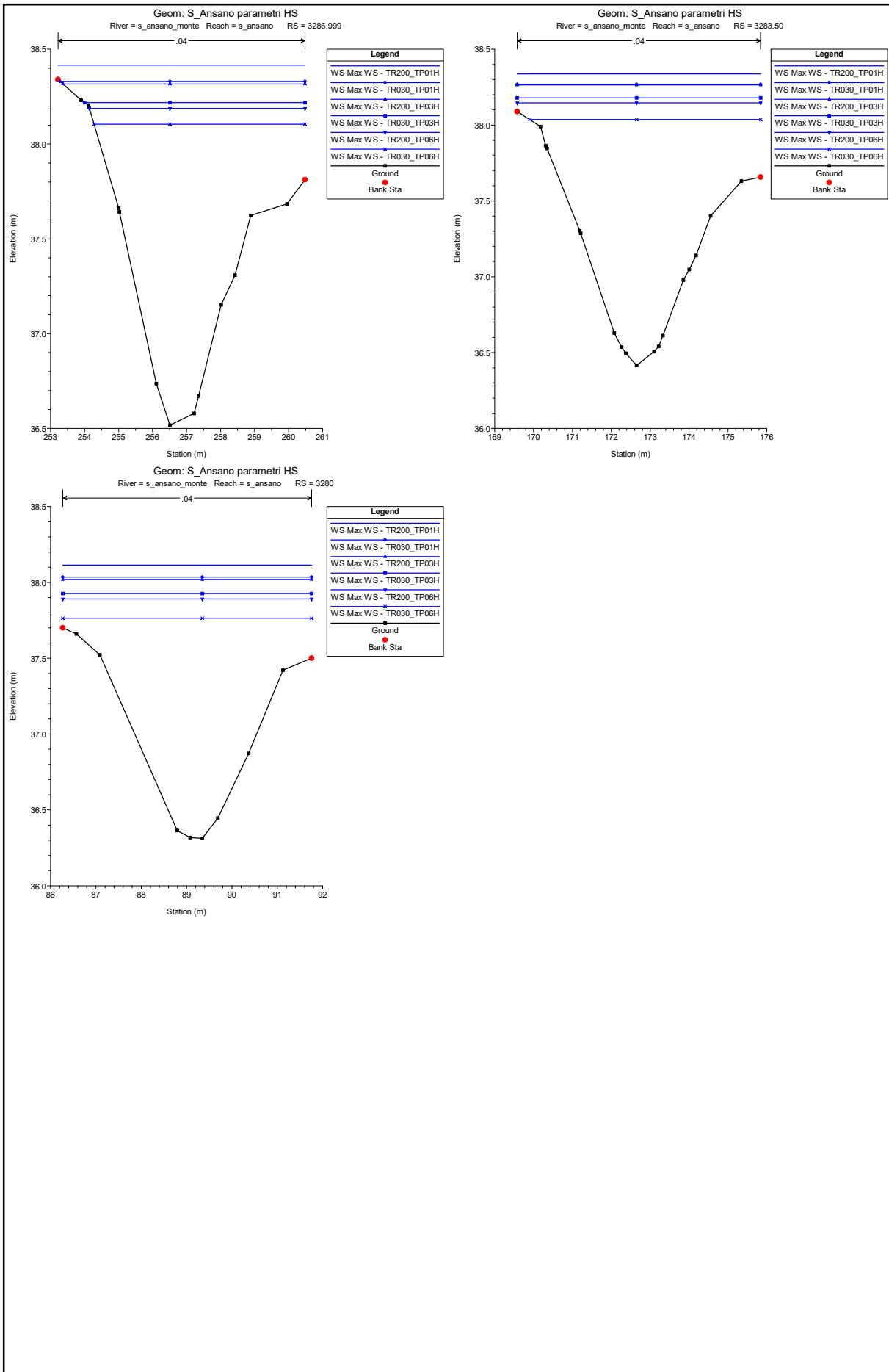












HEC-RAS Profile: Max WS

River	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
s_ansano_monte	s_ansano	3647.203	Max WS	TR200_TP01H	1.10	38.72	40.20		40.20	0.000174	0.26	4.25	5.05	0.09
s_ansano_monte	s_ansano	3647.203	Max WS	TR200_TP03H	1.10	38.72	40.16		40.16	0.000202	0.27	4.04	4.99	0.10
s_ansano_monte	s_ansano	3647.203	Max WS	TR200_TP06H	1.10	38.72	40.06		40.06	0.000292	0.31	3.55	4.85	0.12
s_ansano_monte	s_ansano	3647.203	Max WS	TR030_TP06H	1.10	38.72	39.98		39.99	0.000398	0.35	3.18	4.74	0.13
s_ansano_monte	s_ansano	3647.203	Max WS	TR030_TP03H	1.10	38.72	40.08		40.08	0.000269	0.30	3.65	4.88	0.11
s_ansano_monte	s_ansano	3647.203	Max WS	TR030_TP01H	1.10	38.72	40.13		40.14	0.000221	0.28	3.91	4.95	0.10
s_ansano_monte	s_ansano	3646.99												
s_ansano_monte	s_ansano	3646.98												
s_ansano_monte	s_ansano	3627.763	Max WS	TR200_TP01H	-0.81	38.69	40.20		40.20	0.000071	-0.17	4.70	5.23	0.06
s_ansano_monte	s_ansano	3627.763	Max WS	TR200_TP03H	-0.36	38.69	40.16		40.16	0.000016	-0.08	4.49	5.17	0.03
s_ansano_monte	s_ansano	3627.763	Max WS	TR200_TP06H	0.52	38.69	40.06		40.06	0.000048	0.13	3.97	5.05	0.05
s_ansano_monte	s_ansano	3627.763	Max WS	TR030_TP06H	0.96	38.69	39.98		39.98	0.000223	0.27	3.56	4.96	0.10
s_ansano_monte	s_ansano	3627.763	Max WS	TR030_TP03H	0.35	38.69	40.08		40.08	0.000020	0.09	4.08	5.08	0.03
s_ansano_monte	s_ansano	3627.763	Max WS	TR030_TP01H	-0.11	38.69	40.14		40.14	0.000002	-0.03	4.36	5.14	0.01
s_ansano_monte	s_ansano	3611.29	Max WS	TR200_TP01H	1.95	38.48	40.19		40.19	0.000345	0.38	5.13	5.69	0.13
s_ansano_monte	s_ansano	3611.29	Max WS	TR200_TP03H	1.96	38.48	40.14		40.15	0.000403	0.40	4.86	5.58	0.14
s_ansano_monte	s_ansano	3611.29	Max WS	TR200_TP06H	2.20	38.48	40.03		40.04	0.000725	0.52	4.24	5.24	0.18
s_ansano_monte	s_ansano	3611.29	Max WS	TR030_TP06H	2.39	38.48	39.93		39.95	0.001201	0.64	3.75	5.04	0.24
s_ansano_monte	s_ansano	3611.29	Max WS	TR030_TP03H	2.14	38.48	40.05		40.06	0.000628	0.49	4.38	5.30	0.17
s_ansano_monte	s_ansano	3611.29	Max WS	TR030_TP01H	2.01	38.48	40.11		40.12	0.000459	0.43	4.70	5.48	0.15
s_ansano_monte	s_ansano	3594.817	Max WS	TR200_TP01H	4.88	38.27	40.08		40.13	0.002410	0.97	5.06	5.88	0.33
s_ansano_monte	s_ansano	3594.817	Max WS	TR200_TP03H	4.61	38.27	40.04		40.08	0.002531	0.96	4.79	5.88	0.34
s_ansano_monte	s_ansano	3594.817	Max WS	TR200_TP06H	4.13	38.27	39.92		39.97	0.002636	0.99	4.17	4.99	0.35
s_ansano_monte	s_ansano	3594.817	Max WS	TR030_TP06H	4.03	38.27	39.80		39.87	0.003540	1.12	3.61	4.48	0.40
s_ansano_monte	s_ansano	3594.817	Max WS	TR030_TP03H	4.21	38.27	39.95		40.00	0.002586	0.98	4.30	5.21	0.34
s_ansano_monte	s_ansano	3594.817	Max WS	TR030_TP01H	4.45	38.27	40.01		40.06	0.002627	0.96	4.63	5.88	0.35
s_ansano_monte	s_ansano	3577.35	Max WS	TR200_TP01H	6.80	38.02	40.01		40.06	0.001775	0.97	7.00	6.20	0.29
s_ansano_monte	s_ansano	3577.35	Max WS	TR200_TP03H	6.38	38.02	39.97		40.02	0.001747	0.95	6.73	6.20	0.29
s_ansano_monte	s_ansano	3577.35	Max WS	TR200_TP06H	5.47	38.02	39.87		39.91	0.001735	0.90	6.08	6.20	0.29
s_ansano_monte	s_ansano	3577.35	Max WS	TR030_TP06H	5.52	38.02	39.71		39.77	0.002932	1.07	5.14	6.20	0.38
s_ansano_monte	s_ansano	3577.35	Max WS	TR030_TP03H	5.62	38.02	39.89		39.93	0.001703	0.90	6.24	6.20	0.29
s_ansano_monte	s_ansano	3577.35	Max WS	TR030_TP01H	6.10	38.02	39.94		39.99	0.001713	0.93	6.58	6.20	0.29
s_ansano_monte	s_ansano	3559.892	Max WS	TR200_TP01H	8.90	37.78	39.94		40.00	0.001840	1.06	8.42	6.88	0.30
s_ansano_monte	s_ansano	3559.892	Max WS	TR200_TP03H	8.54	37.78	39.90		39.95	0.001897	1.05	8.11	6.88	0.31
s_ansano_monte	s_ansano	3559.892	Max WS	TR200_TP06H	7.93	37.78	39.77		39.83	0.002252	1.09	7.28	6.88	0.33
s_ansano_monte	s_ansano	3559.892	Max WS	TR030_TP06H	7.54	37.78	39.60		39.67	0.003179	1.23	6.14	6.20	0.39
s_ansano_monte	s_ansano	3559.892	Max WS	TR030_TP03H	8.00	37.78	39.80		39.86	0.002107	1.07	7.49	6.88	0.32
s_ansano_monte	s_ansano	3559.892	Max WS	TR030_TP01H	8.34	37.78	39.87		39.92	0.001944	1.05	7.92	6.88	0.31
s_ansano_monte	s_ansano	3535.854	Max WS	TR200_TP01H	15.32	37.45	39.67		39.81	0.004665	1.68	9.11	7.58	0.49
s_ansano_monte	s_ansano	3535.854	Max WS	TR200_TP03H	14.54	37.45	39.63		39.77	0.004622	1.65	8.83	7.58	0.49
s_ansano_monte	s_ansano	3535.854	Max WS	TR200_TP06H	12.85	37.45	39.52		39.65	0.004864	1.61	7.99	7.58	0.50
s_ansano_monte	s_ansano	3535.854	Max WS	TR030_TP06H	10.75	37.45	39.38		39.50	0.005117	1.55	6.94	7.36	0.51
s_ansano_monte	s_ansano	3535.854	Max WS	TR030_TP03H	13.26	37.45	39.54		39.68	0.004826	1.62	8.18	7.58	0.50
s_ansano_monte	s_ansano	3535.854	Max WS	TR030_TP01H	14.11	37.45	39.60		39.74	0.004628	1.63	8.65	7.58	0.49
s_ansano_monte	s_ansano	3503.495	Max WS	TR200_TP01H	16.17	37.34	39.48		39.63	0.005332	1.71	9.44	8.63	0.52
s_ansano_monte	s_ansano	3503.495	Max WS	TR200_TP03H	15.44	37.34	39.43		39.58	0.005572	1.71	9.02	8.63	0.53
s_ansano_monte	s_ansano	3503.495	Max WS	TR200_TP06H	13.36	37.34	39.33		39.47	0.005816	1.65	8.10	8.63	0.54
s_ansano_monte	s_ansano	3503.495	Max WS	TR030_TP06H	10.66	37.34	39.21		39.33	0.005509	1.50	7.12	8.63	0.53
s_ansano_monte	s_ansano	3503.495	Max WS	TR030_TP03H	13.84	37.34	39.35		39.49	0.005717	1.66	8.33	8.63	0.54
s_ansano_monte	s_ansano	3503.495	Max WS	TR030_TP01H	14.97	37.34	39.41		39.56	0.005622	1.70	8.82	8.63	0.54
s_ansano_monte	s_ansano	3460.448	Max WS	TR200_TP01H	16.03	37.22	39.32		39.44	0.003437	1.54	10.38	7.62	0.42
s_ansano_monte	s_ansano	3460.448	Max WS	TR200_TP03H	15.26	37.22	39.26		39.38	0.003508	1.53	9.97	7.62	0.43
s_ansano_monte	s_ansano	3460.448	Max WS	TR200_TP06H	13.29	37.22	39.15		39.26	0.003470	1.46	9.12	7.62	0.43
s_ansano_monte	s_ansano	3460.448	Max WS	TR030_TP06H	10.41	37.22	39.07		39.15	0.002625	1.22	8.51	7.62	0.37
s_ansano_monte	s_ansano	3460.448	Max WS	TR030_TP03H	13.85	37.22	39.17		39.29	0.003561	1.49	9.30	7.62	0.43
s_ansano_monte	s_ansano	3460.448	Max WS	TR030_TP01H	14.90	37.22	39.23		39.35	0.003579	1.53	9.75	7.62	0.43
s_ansano_monte	s_ansano	3438.976	Max WS	TR200_TP01H	18.43	37.35	39.19		39.32	0.004230	1.57	11.71	10.77	0.48
s_ansano_monte	s_ansano	3438.976	Max WS	TR200_TP03H	17.00	37.35	39.16		39.27	0.003965	1.50	11.35	10.77	0.47
s_ansano_monte	s_ansano	3438.976	Max WS	TR200_TP06H	13.54	37.35	39.09		39.18	0.003075	1.27	10.64	10.77	0.41
s_ansano_monte	s_ansano	3438.976	Max WS	TR030_TP06H	9.97	37.35	39.04		39.09	0.001957	0.99	10.11	10.77	0.33
s_ansano_monte	s_ansano	3438.976	Max WS	TR030_TP03H	14.39	37.35	39.11		39.20	0.003331	1.33	10.78	10.77	0.43
s_ansano_monte	s_ansano	3438.976	Max WS	TR030_TP01H	16.22	37.35	39.14		39.25	0.003798	1.45	11.16	10.77	0.46
s_ansano_monte	s_ansano	3407.39	Max WS	TR200_TP01H	10.21	37.28	39.26		39.29	0.000933	0.79	12.93	10.60	0.23
s_ansano_monte	s_ansano	3407.39	Max WS	TR200_TP03H	9.31	37.28	39.21		39.24	0.000862	0.75	12.50	10.60	0.22
s_ansano_monte	s_ansano	3407.39	Max WS	TR200_TP06H	7.61	37.28	39.13		39.15	0.000730	0.66	11.57	10.60	0.20
s_ansano_monte	s_ansano	3407.39	Max WS	TR030_TP06H	6.78	37.28	39.05		39.07	0.000734	0.63	10.72	10.60	0.20
s_ansano_monte	s_ansano	3407.39	Max WS	TR030_TP03H	7.93	37.28	39.15		39.17	0.000750	0.67	11.78	10.60	0.20
s_ansano_monte	s_ansano	3407.39	Max WS	TR030_TP01H	8.85	37.28	39.19		39.22	0.000823	0.72	12.27	10.60	0.21
s_ansano_monte	s_ansano	3403.35	Max WS	TR200_TP01H	8.16	37.28	39.17		39.29	0.001849	1.57	5.20	9.18	0.37
s_ansano_monte	s_ansano	3403.35	Max WS	TR200_TP03H	7.94	37.28	39.12		39.24	0.001928	1.57	5.05	9.18	0.37
s_ansano_monte	s_ansano	3403.35	Max WS	TR200_TP06H	7.42	37.28	39.01		39.13	0.002068	1.56	4.75	9.18	0.38
s_ansano_monte	s_ansano	3403.35	Max WS	TR030_TP06H	6.96	37.28	38.93		39.05	0.002148	1.54	4.52	9.04	0.39
s_ansano_monte	s_ansano	3403.35	Max WS	TR030_TP03H	7.54	37.28	39.03		39.16	0.002040	1.57	4.82	9.18	0.38
s_ansano_monte	s_ansano	3403.35	Max WS	TR030_TP01H	7.80	37.28	39.09		39.22	0.001956	1.57	4.98	9.18	0.38
s_ansano_monte	s_ansano	3400												
s_ansano_monte	s_ansano	3395.27	Max WS	TR200_TP01H	8.15	37.28	38.71		38.96	0.005931	2.18	3.74	5.83	0.60
s_ansano_monte	s_ansano	3395.27	Max WS	TR200_TP03H	7.94	37.28	38.69		38.93	0.005935	2.16	3.67	5.77	0.60
s_ansano_monte	s_ansano	3395.27	Max WS	TR200_TP06H	7.42	37.28	38.65		38.87	0.005752	2.08	3.56	5.67	0.59
s_ansano_monte	s_ansano	3395.27	Max WS	TR030_TP06H	6.96	37.28	38.63		38.83	0.005376	1.99	3.50	5.60	0.57
s_ansano_monte	s_ansano	3395.27	Max WS	TR030_TP03H	7.54	37.28	38.68		38.88	0.005618	2.10	3.58	5.69	0.59
s_ansano_monte	s_ansano	3395.27	Max WS	TR030_TP01H	7.80	37.28	38.68		38.92	0.005651	2.14	3.65	5.75	0.60
s_ansano_monte	s_ansano	3394.99												
s_ansano_monte	s_ansano	3394.98												
s_ansano_monte	s_ansano	3389.198	Max WS	TR200_TP01H	8.17	37.28	38.73		38.88	0.008818	1.73	4.74	6.66	0.6

HEC-RAS Profile: Max WS (Continued)

River	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
s_ansano monte	s_ansano	3383.34	Max WS	TR030_TP06H	6.93	37.22	38.57		38.72	0.009380	1.73	4.01	5.83	0.67
s_ansano monte	s_ansano	3383.34	Max WS	TR030_TP03H	7.47	37.22	38.61		38.76	0.009533	1.75	4.27	6.19	0.67
s_ansano monte	s_ansano	3383.34	Max WS	TR030_TP01H	7.78	37.22	38.64		38.79	0.009453	1.75	4.44	6.42	0.67
s_ansano monte	s_ansano	3354.041	Max WS	TR200_TP01H	6.77	36.91	38.59		38.68	0.003604	1.26	5.37	5.42	0.41
s_ansano monte	s_ansano	3354.041	Max WS	TR200_TP03H	6.67	36.91	38.53		38.62	0.004268	1.33	5.02	5.42	0.44
s_ansano monte	s_ansano	3354.041	Max WS	TR200_TP06H	6.42	36.91	38.46		38.56	0.004946	1.38	4.65	5.42	0.48
s_ansano monte	s_ansano	3354.041	Max WS	TR030_TP06H	6.08	36.91	38.43		38.52	0.005077	1.37	4.45	5.42	0.48
s_ansano monte	s_ansano	3354.041	Max WS	TR030_TP03H	6.51	36.91	38.47		38.57	0.004901	1.38	4.71	5.42	0.47
s_ansano monte	s_ansano	3354.041	Max WS	TR030_TP01H	6.55	36.91	38.52		38.61	0.004185	1.31	4.99	5.42	0.44
s_ansano monte	s_ansano	3320.52	Max WS	TR200_TP01H	6.68	36.71	38.51		38.57	0.002408	1.06	6.30	6.34	0.34
s_ansano monte	s_ansano	3320.52	Max WS	TR200_TP03H	6.61	36.71	38.42		38.49	0.003130	1.15	5.73	6.34	0.39
s_ansano monte	s_ansano	3320.52	Max WS	TR200_TP06H	6.57	36.71	38.31		38.39	0.004477	1.31	5.00	6.08	0.46
s_ansano monte	s_ansano	3320.52	Max WS	TR030_TP06H	6.42	36.71	38.24		38.34	0.005255	1.40	4.59	5.75	0.50
s_ansano monte	s_ansano	3320.52	Max WS	TR030_TP03H	6.54	36.71	38.33		38.41	0.004192	1.27	5.15	6.27	0.45
s_ansano monte	s_ansano	3320.52	Max WS	TR030_TP01H	6.37	36.71	38.43		38.49	0.002855	1.11	5.77	6.34	0.37
s_ansano monte	s_ansano	3286.999	Max WS	TR200_TP01H	7.72	36.52	38.42		38.47	0.002338	1.06	7.27	7.26	0.34
s_ansano monte	s_ansano	3286.999	Max WS	TR200_TP03H	7.23	36.52	38.32		38.38	0.002758	1.10	6.55	7.12	0.37
s_ansano monte	s_ansano	3286.999	Max WS	TR200_TP06H	6.64	36.52	38.19		38.26	0.003201	1.17	5.69	6.34	0.39
s_ansano monte	s_ansano	3286.999	Max WS	TR030_TP06H	6.30	36.52	38.10		38.18	0.003804	1.22	5.17	6.21	0.43
s_ansano monte	s_ansano	3286.999	Max WS	TR030_TP03H	6.68	36.52	38.22		38.28	0.002984	1.14	5.88	6.48	0.38
s_ansano monte	s_ansano	3286.999	Max WS	TR030_TP01H	7.02	36.52	38.33		38.39	0.002517	1.06	6.65	7.21	0.35
s_ansano monte	s_ansano	3283.50	Max WS	TR200_TP01H	7.95	36.42	38.34		38.40	0.002424	1.13	7.03	6.26	0.34
s_ansano monte	s_ansano	3283.50	Max WS	TR200_TP03H	6.71	36.42	38.26		38.32	0.002109	1.02	6.57	6.26	0.32
s_ansano monte	s_ansano	3283.50	Max WS	TR200_TP06H	5.63	36.42	38.15		38.19	0.002112	0.96	5.84	6.26	0.32
s_ansano monte	s_ansano	3283.50	Max WS	TR030_TP06H	5.64	36.42	38.04		38.10	0.002942	1.09	5.15	5.94	0.38
s_ansano monte	s_ansano	3283.50	Max WS	TR030_TP03H	5.73	36.42	38.18		38.22	0.001984	0.95	6.04	6.26	0.31
s_ansano monte	s_ansano	3283.50	Max WS	TR030_TP01H	6.88	36.42	38.27		38.32	0.002194	1.04	6.60	6.26	0.32
s_ansano monte	s_ansano	3280	Max WS	TR200_TP01H	9.88	36.31	38.11		38.25	0.005217	1.62	6.12	5.49	0.49
s_ansano monte	s_ansano	3280	Max WS	TR200_TP03H	9.00	36.31	38.02		38.15	0.005619	1.61	5.60	5.49	0.51
s_ansano monte	s_ansano	3280	Max WS	TR200_TP06H	7.76	36.31	37.89		38.02	0.006229	1.59	4.89	5.49	0.54
s_ansano monte	s_ansano	3280	Max WS	TR030_TP06H	6.91	36.31	37.76		37.90	0.007863	1.65	4.19	5.49	0.60
s_ansano monte	s_ansano	3280	Max WS	TR030_TP03H	8.04	36.31	37.93		38.05	0.005950	1.58	5.08	5.49	0.52
s_ansano monte	s_ansano	3280	Max WS	TR030_TP01H	9.03	36.31	38.04		38.16	0.005408	1.59	5.88	5.49	0.50
s_ansano	s_ansano	3214.999	Max WS	TR200_TP01H	21.25	35.82	37.97		38.18	0.006702	2.02	10.50	8.92	0.60
s_ansano	s_ansano	3214.999	Max WS	TR200_TP03H	19.10	35.82	37.88		38.08	0.006833	1.96	9.73	8.92	0.60
s_ansano	s_ansano	3214.999	Max WS	TR200_TP06H	16.08	35.82	37.77		37.94	0.006686	1.84	8.76	8.92	0.59
s_ansano	s_ansano	3214.999	Max WS	TR030_TP06H	13.17	35.82	37.68		37.82	0.006012	1.65	7.96	8.92	0.56
s_ansano	s_ansano	3214.999	Max WS	TR030_TP03H	16.91	35.82	37.80		37.98	0.006808	1.88	8.99	8.92	0.60
s_ansano	s_ansano	3214.999	Max WS	TR030_TP01H	19.44	35.82	37.89		38.09	0.006913	1.98	9.80	8.92	0.60
s_ansano	s_ansano	3213.99		Let Struct										
s_ansano	s_ansano	3213.98		Let Struct										
s_ansano	s_ansano	3170.302	Max WS	TR200_TP01H	19.82	35.62	37.83		37.94	0.003492	1.51	13.16	10.97	0.44
s_ansano	s_ansano	3170.302	Max WS	TR200_TP03H	17.23	35.62	37.76		37.85	0.003190	1.39	12.38	10.97	0.42
s_ansano	s_ansano	3170.302	Max WS	TR200_TP06H	13.68	35.62	37.67		37.74	0.002549	1.19	11.47	10.97	0.37
s_ansano	s_ansano	3170.302	Max WS	TR030_TP06H	10.81	35.62	37.60		37.65	0.001986	1.01	10.68	10.97	0.33
s_ansano	s_ansano	3170.302	Max WS	TR030_TP03H	14.56	35.62	37.69		37.77	0.002720	1.25	11.69	10.97	0.39
s_ansano	s_ansano	3170.302	Max WS	TR030_TP01H	17.53	35.62	37.76		37.86	0.003244	1.41	12.45	10.97	0.42
s_ansano	s_ansano	3147.935	Max WS	TR200_TP01H	18.26	35.79	37.72		37.86	0.005065	1.67	10.96	10.36	0.52
s_ansano	s_ansano	3147.935	Max WS	TR200_TP03H	15.89	35.79	37.66		37.78	0.004545	1.53	10.37	10.36	0.49
s_ansano	s_ansano	3147.935	Max WS	TR200_TP06H	12.71	35.79	37.60		37.69	0.003572	1.31	9.71	10.36	0.43
s_ansano	s_ansano	3147.935	Max WS	TR030_TP06H	10.31	35.79	37.53		37.60	0.002930	1.14	9.05	10.36	0.39
s_ansano	s_ansano	3147.935	Max WS	TR030_TP03H	13.47	35.79	37.61		37.71	0.003813	1.36	9.87	10.36	0.45
s_ansano	s_ansano	3147.935	Max WS	TR030_TP01H	16.09	35.79	37.67		37.79	0.004586	1.54	10.43	10.36	0.49
s_ansano	s_ansano	3124.422	Max WS	TR200_TP01H	16.42	35.66	37.61		37.77	0.005389	1.78	9.25	8.04	0.53
s_ansano	s_ansano	3124.422	Max WS	TR200_TP03H	14.88	35.66	37.53		37.68	0.005471	1.73	8.63	8.04	0.53
s_ansano	s_ansano	3124.422	Max WS	TR200_TP06H	12.82	35.66	37.45		37.58	0.005172	1.61	7.97	8.04	0.52
s_ansano	s_ansano	3124.422	Max WS	TR030_TP06H	11.14	35.66	37.38		37.49	0.004855	1.50	7.42	8.04	0.50
s_ansano	s_ansano	3124.422	Max WS	TR030_TP03H	13.31	35.66	37.47		37.60	0.005252	1.64	8.12	8.04	0.52
s_ansano	s_ansano	3124.422	Max WS	TR030_TP01H	15.05	35.66	37.53		37.69	0.005501	1.74	8.67	8.04	0.53
s_ansano	s_ansano	3076.151	Max WS	TR200_TP01H	15.15	35.27	37.23		37.45	0.008509	2.09	7.24	7.00	0.66
s_ansano	s_ansano	3076.151	Max WS	TR200_TP03H	13.67	35.27	37.17		37.38	0.008077	2.00	6.84	6.83	0.64
s_ansano	s_ansano	3076.151	Max WS	TR200_TP06H	11.97	35.27	37.13		37.30	0.006855	1.82	6.58	6.72	0.59
s_ansano	s_ansano	3076.151	Max WS	TR030_TP06H	10.59	35.27	37.10		37.24	0.005899	1.67	6.35	6.62	0.54
s_ansano	s_ansano	3076.151	Max WS	TR030_TP03H	12.37	35.27	37.14		37.32	0.007182	1.87	6.63	6.74	0.60
s_ansano	s_ansano	3076.151	Max WS	TR030_TP01H	13.45	35.27	37.18		37.38	0.007602	1.95	6.91	6.86	0.62
s_ansano	s_ansano	3040.139	Max WS	TR200_TP01H	13.27	34.98	37.06		37.22	0.005775	1.77	7.49	6.51	0.53
s_ansano	s_ansano	3040.139	Max WS	TR200_TP03H	12.47	34.98	36.96		37.13	0.006810	1.84	6.80	6.51	0.57
s_ansano	s_ansano	3040.139	Max WS	TR200_TP06H	11.63	34.98	36.86		37.04	0.007801	1.88	6.20	6.51	0.61
s_ansano	s_ansano	3040.139	Max WS	TR030_TP06H	10.70	34.98	36.82		36.99	0.007526	1.80	5.94	6.51	0.60
s_ansano	s_ansano	3040.139	Max WS	TR030_TP03H	11.86	34.98	36.88		37.06	0.007886	1.88	6.31	6.51	0.61
s_ansano	s_ansano	3040.139	Max WS	TR030_TP01H	12.58	34.98	36.96		37.13	0.006932	1.85	6.80	6.51	0.58
s_ansano	s_ansano	3004.444	Max WS	TR200_TP01H	10.64	35.00	37.01		37.10	0.002688	1.28	8.34	6.68	0.36
s_ansano	s_ansano	3004.444	Max WS	TR200_TP03H	9.58	35.00	36.91		36.99	0.002829	1.25	7.63	6.68	0.37
s_ansano	s_ansano	3004.444	Max WS	TR200_TP06H	8.27	35.00	36.83		36.90	0.002609	1.16	7.11	6.68	0.36
s_ansano	s_ansano	3004.444	Max WS	TR030_TP06H	7.59	35.00	36.79		36.85	0.002488	1.11	6.82	6.68	0.35
s_ansano	s_ansano	3004.444	Max WS	TR030_TP03H	8.58	35.00	36.84		36.92	0.002702	1.19	7.20	6.68	0.37
s_ansano	s_ansano	3004.444	Max WS	TR030_TP01H	9.65	35.00	36.91		36.99	0.002878	1.27	7.63	6.68	0.38
s_ansano	s_ansano	2965.692	Max WS	TR200_TP01H	13.72	34.75	36.84		36.94	0.003904	1.39	9.89	7.98	0.40
s_ansano	s_ansano	2965.692	Max WS	TR200_TP03H	12.81	34.75	36.69		36.80	0.003886	1.48	8.68	7.98	0.45
s_ansano	s_ansano	2965.692	Max WS	TR200_TP06H	12.01	34.75	36.52		36.66	0.005673	1.64	7.34	7.98	0.54
s_ansano	s_ansano	2965.692	Max WS	TR030_TP06H	11.30	34.75	36.43		36.58	0.007063	1.72	6.57	7.98	0.61
s_ansano	s_ansano	2965.692	Max WS	TR030_TP03H	12.20	34.75	36.56		36.69	0.005220	1.60	7.62	7.98	0.52
s_ansano	s_ansano	2965.692	Max WS	TR030_TP01H	12.85	34.75	36.69		36.80	0.003920	1.48	8.67	7.98	0.45
s_ansano	s_ansano	2921.118	Max WS	TR200_TP01H	16.88									

HEC-RAS Profile: Max WS (Continued)

River	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
s_ansano	s_ansano	2863.103	Max WS	TR200_TP03H	19.54	34.46	36.34		36.43	0.002888	1.34	14.54	12.88	0.40
s_ansano	s_ansano	2863.103	Max WS	TR200_TP06H	15.05	34.46	36.19		36.26	0.002664	1.19	12.63	12.88	0.38
s_ansano	s_ansano	2863.103	Max WS	TR030_TP06H	12.06	34.46	36.09		36.15	0.002394	1.06	11.35	12.88	0.36
s_ansano	s_ansano	2863.103	Max WS	TR030_TP03H	16.04	34.46	36.22		36.30	0.002731	1.23	13.05	12.88	0.39
s_ansano	s_ansano	2863.103	Max WS	TR030_TP01H	19.46	34.46	36.34		36.43	0.002874	1.34	14.52	12.88	0.40
s_ansano	s_ansano	2826.064	Max WS	TR200_TP01H	21.65	34.35	36.40		36.50	0.002762	1.38	15.72	12.63	0.39
s_ansano	s_ansano	2826.064	Max WS	TR200_TP03H	17.23	34.35	36.27		36.35	0.002441	1.22	14.12	12.63	0.37
s_ansano	s_ansano	2826.064	Max WS	TR200_TP06H	12.56	34.35	36.14		36.19	0.001906	1.01	12.49	12.63	0.32
s_ansano	s_ansano	2826.064	Max WS	TR030_TP06H	9.85	34.35	36.05		36.09	0.001602	0.87	11.31	12.63	0.29
s_ansano	s_ansano	2826.064	Max WS	TR030_TP03H	13.55	34.35	36.17		36.23	0.002031	1.05	12.85	12.63	0.33
s_ansano	s_ansano	2826.064	Max WS	TR030_TP01H	17.33	34.35	36.27		36.34	0.002507	1.23	14.06	12.63	0.37
s_ansano	s_ansano	2785.179	Max WS	TR200_TP01H	17.94	34.28	36.09		36.33	0.007911	2.15	8.34	7.21	0.64
s_ansano	s_ansano	2785.179	Max WS	TR200_TP03H	14.97	34.28	35.95		36.16	0.008106	2.04	7.33	7.21	0.65
s_ansano	s_ansano	2785.179	Max WS	TR200_TP06H	12.01	34.28	35.83		36.01	0.007727	1.86	6.44	7.21	0.63
s_ansano	s_ansano	2785.179	Max WS	TR030_TP06H	10.13	34.28	35.76		35.91	0.006983	1.70	5.96	7.21	0.60
s_ansano	s_ansano	2785.179	Max WS	TR030_TP03H	12.63	34.28	35.85		36.04	0.007857	1.91	6.62	7.21	0.64
s_ansano	s_ansano	2785.179	Max WS	TR030_TP01H	14.90	34.28	35.95		36.16	0.007972	2.03	7.35	7.21	0.64
s_ansano	s_ansano	2723.999	Max WS	TR200_TP01H	12.81	34.01	35.94		36.05	0.003361	1.44	8.89	7.35	0.42
s_ansano	s_ansano	2723.999	Max WS	TR200_TP03H	10.48	34.01	35.78		35.88	0.003445	1.36	7.71	7.35	0.42
s_ansano	s_ansano	2723.999	Max WS	TR200_TP06H	8.56	34.01	35.63		35.71	0.003781	1.31	6.54	7.35	0.44
s_ansano	s_ansano	2723.999	Max WS	TR030_TP06H	7.59	34.01	35.53		35.61	0.004282	1.31	5.80	7.35	0.47
s_ansano	s_ansano	2723.999	Max WS	TR030_TP03H	8.92	34.01	35.66		35.75	0.003646	1.31	6.80	7.35	0.44
s_ansano	s_ansano	2723.999	Max WS	TR030_TP01H	10.50	34.01	35.79		35.88	0.003437	1.36	7.72	7.35	0.42
s_ansano	s_ansano	2667.724	Max WS	TR200_TP01H	16.59	33.78	35.69		35.80	0.003597	1.47	11.31	9.84	0.44
s_ansano	s_ansano	2667.724	Max WS	TR200_TP03H	13.09	33.78	35.56		35.65	0.003182	1.30	10.10	9.84	0.41
s_ansano	s_ansano	2667.724	Max WS	TR200_TP06H	9.57	33.78	35.45		35.51	0.002408	1.06	9.03	9.84	0.35
s_ansano	s_ansano	2667.724	Max WS	TR030_TP06H	7.22	33.78	35.39		35.43	0.001692	0.86	8.44	9.84	0.30
s_ansano	s_ansano	2667.724	Max WS	TR030_TP03H	10.39	33.78	35.48		35.54	0.002632	1.12	9.24	9.84	0.37
s_ansano	s_ansano	2667.724	Max WS	TR030_TP01H	13.11	33.78	35.57		35.65	0.003166	1.30	10.12	9.84	0.41
s_ansano	s_ansano	2614.073	Max WS	TR200_TP01H	9.51	33.73	35.68		35.72	0.001492	0.97	9.81	7.84	0.28
s_ansano	s_ansano	2614.073	Max WS	TR200_TP03H	8.59	33.73	35.51		35.56	0.001879	1.01	8.49	7.84	0.31
s_ansano	s_ansano	2614.073	Max WS	TR200_TP06H	7.92	33.73	35.33		35.39	0.002737	1.11	7.11	7.84	0.37
s_ansano	s_ansano	2614.073	Max WS	TR030_TP06H	7.42	33.73	35.20		35.28	0.003823	1.21	6.12	7.84	0.44
s_ansano	s_ansano	2614.073	Max WS	TR030_TP03H	8.06	33.73	35.37		35.43	0.002476	1.08	7.43	7.84	0.36
s_ansano	s_ansano	2614.073	Max WS	TR030_TP01H	8.59	33.73	35.51		35.56	0.001865	1.01	8.51	7.84	0.31
s_ansano	s_ansano	2571.185	Max WS	TR200_TP01H	14.86	33.52	35.11		35.35	0.010788	2.17	6.84	7.86	0.74
s_ansano	s_ansano	2571.185	Max WS	TR200_TP03H	12.17	33.52	34.99		35.20	0.010745	2.06	5.92	7.42	0.74
s_ansano	s_ansano	2571.185	Max WS	TR200_TP06H	9.81	33.52	34.88		35.07	0.010659	1.91	5.13	6.88	0.71
s_ansano	s_ansano	2571.185	Max WS	TR030_TP06H	8.29	33.52	34.81		34.97	0.009328	1.79	4.64	6.52	0.68
s_ansano	s_ansano	2571.185	Max WS	TR030_TP03H	10.33	33.52	34.90		35.10	0.010271	1.95	5.30	7.00	0.72
s_ansano	s_ansano	2571.185	Max WS	TR030_TP01H	12.21	33.52	34.99		35.21	0.010696	2.05	5.94	7.44	0.73
s_ansano	s_ansano	2570.99		Lat Struct										
s_ansano	s_ansano	2570.98		Lat Struct										
s_ansano	s_ansano	2540.091	Max WS	TR200_TP01H	11.58	33.34	35.01		35.16	0.005921	1.75	6.61	6.09	0.54
s_ansano	s_ansano	2540.091	Max WS	TR200_TP03H	9.56	33.34	34.86		35.00	0.006102	1.66	5.75	6.09	0.55
s_ansano	s_ansano	2540.091	Max WS	TR200_TP06H	7.71	33.34	34.75		34.87	0.005813	1.52	5.07	6.09	0.53
s_ansano	s_ansano	2540.091	Max WS	TR030_TP06H	6.48	33.34	34.69		34.79	0.005238	1.39	4.68	6.09	0.50
s_ansano	s_ansano	2540.091	Max WS	TR030_TP03H	8.12	33.34	34.78		34.90	0.005924	1.56	5.21	6.09	0.54
s_ansano	s_ansano	2540.091	Max WS	TR030_TP01H	9.60	33.34	34.87		35.01	0.006073	1.66	5.78	6.09	0.54
s_ansano	s_ansano	2508.785	Max WS	TR200_TP01H	10.19	33.16	34.92		35.02	0.003964	1.44	7.06	6.31	0.44
s_ansano	s_ansano	2508.785	Max WS	TR200_TP03H	8.52	33.16	34.75		34.86	0.004455	1.41	6.02	6.31	0.46
s_ansano	s_ansano	2508.785	Max WS	TR200_TP06H	7.16	33.16	34.61		34.71	0.005177	1.40	5.11	6.31	0.50
s_ansano	s_ansano	2508.785	Max WS	TR030_TP06H	6.32	33.16	34.52		34.62	0.005734	1.39	4.55	6.31	0.52
s_ansano	s_ansano	2508.785	Max WS	TR030_TP03H	7.45	33.16	34.64		34.74	0.004985	1.40	5.31	6.31	0.49
s_ansano	s_ansano	2508.785	Max WS	TR030_TP01H	8.55	33.16	34.76		34.86	0.004408	1.41	6.06	6.31	0.46
s_ansano	s_ansano	2475.305	Max WS	TR200_TP01H	8.81	33.12	34.84		34.93	0.002876	1.33	6.65	5.50	0.39
s_ansano	s_ansano	2475.305	Max WS	TR200_TP03H	7.03	33.12	34.68		34.76	0.002837	1.22	5.77	5.50	0.38
s_ansano	s_ansano	2475.305	Max WS	TR200_TP06H	5.44	33.12	34.55		34.61	0.002600	1.08	5.03	5.50	0.36
s_ansano	s_ansano	2475.305	Max WS	TR030_TP06H	4.42	33.12	34.47		34.52	0.002276	0.96	4.60	5.50	0.34
s_ansano	s_ansano	2475.305	Max WS	TR030_TP03H	5.79	33.12	34.58		34.64	0.002675	1.12	5.19	5.50	0.37
s_ansano	s_ansano	2475.305	Max WS	TR030_TP01H	7.06	33.12	34.69		34.77	0.002816	1.22	5.80	5.50	0.38
s_ansano	s_ansano	2457.008	Max WS	TR200_TP01H	9.45	32.92	34.73		34.85	0.004360	1.50	6.30	5.47	0.45
s_ansano	s_ansano	2457.008	Max WS	TR200_TP03H	7.72	32.92	34.56		34.67	0.004641	1.44	5.37	5.47	0.46
s_ansano	s_ansano	2457.008	Max WS	TR200_TP06H	6.26	32.92	34.42		34.51	0.004939	1.37	4.57	5.47	0.48
s_ansano	s_ansano	2457.008	Max WS	TR030_TP06H	5.42	32.92	34.33		34.42	0.005201	1.33	4.08	5.47	0.49
s_ansano	s_ansano	2457.008	Max WS	TR030_TP03H	6.57	32.92	34.45		34.55	0.004859	1.38	4.75	5.47	0.47
s_ansano	s_ansano	2457.008	Max WS	TR030_TP01H	7.75	32.92	34.57		34.68	0.004580	1.43	5.42	5.47	0.46
s_ansano	s_ansano	2438.232	Max WS	TR200_TP01H	9.35	32.82	34.68		34.77	0.003081	1.33	7.05	5.61	0.38
s_ansano	s_ansano	2438.232	Max WS	TR200_TP03H	7.69	32.82	34.51		34.59	0.003247	1.27	6.05	5.61	0.39
s_ansano	s_ansano	2438.232	Max WS	TR200_TP06H	6.28	32.82	34.35		34.43	0.003402	1.21	5.20	5.61	0.40
s_ansano	s_ansano	2438.232	Max WS	TR030_TP06H	5.43	32.82	34.26		34.33	0.003486	1.16	4.67	5.61	0.41
s_ansano	s_ansano	2438.232	Max WS	TR030_TP03H	6.59	32.82	34.39		34.46	0.003375	1.22	5.38	5.61	0.40
s_ansano	s_ansano	2438.232	Max WS	TR030_TP01H	7.73	32.82	34.51		34.60	0.003205	1.27	6.10	5.61	0.39
s_ansano	s_ansano	2414.086	Max WS	TR200_TP01H	7.62	32.67	34.67		34.73	0.002183	1.09	7.02	5.75	0.31
s_ansano	s_ansano	2414.086	Max WS	TR200_TP03H	6.12	32.67	34.49		34.54	0.002253	1.02	5.99	5.75	0.32
s_ansano	s_ansano	2414.086	Max WS	TR200_TP06H	4.90	32.67	34.33		34.38	0.002360	0.97	5.08	5.75	0.33
s_ansano	s_ansano	2414.086	Max WS	TR030_TP06H	4.24	32.67	34.23		34.28	0.002550	0.94	4.50	5.75	0.34
s_ansano	s_ansano	2414.086	Max WS	TR030_TP03H	5.15	32.67	34.37		34.41	0.002310	0.97	5.28	5.75	0.32
s_ansano	s_ansano	2414.086	Max WS	TR030_TP01H	6.17	32.67	34.50		34.55	0.002227	1.02	6.04	5.75	0.32
s_ansano	s_ansano	2378.990	Max WS	TR200_TP01H	8.97	32.55	34.59		34.64	0.001785	1.04	8.60	6.56	0.29
s_ansano	s_ansano	2378.990	Max WS	TR200_TP03H	7.12	32.55	34.41		34.46	0.001716	0.95	7.45	6.56	0.29
s_ansano	s_ansano	2378.990	Max WS	TR200_TP06H	5.58	32.55	34.26		34.30	0.001620	0.86	6.45	6.56	0.28
s_ansano	s_ansano	2378.990	Max WS	TR030_TP06H	4.63	32.55	34.16		34.20	0.001521	0.79	5.83	6.56	0.27
s_ansano	s_ansano	2378.990	Max WS	TR030_TP03H	5.93	32.								

HEC-RAS Profile: Max WS (Continued)

River	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
s_ansano	s_ansano	2326.463	Max WS	TR030_TP06H	7.24	31.76	33.98		34.05	0.003254	1.18	6.14	6.48	0.39
s_ansano	s_ansano	2326.463	Max WS	TR030_TP03H	8.52	31.76	34.11		34.19	0.003063	1.22	6.98	6.48	0.38
s_ansano	s_ansano	2326.463	Max WS	TR030_TP01H	9.75	31.76	34.24		34.32	0.002840	1.24	7.84	6.48	0.36
s_ansano	s_ansano	2323.66	Max WS	TR200_TP01H	10.89	31.74	34.42		34.49	0.002144	1.16	9.40	6.63	0.31
s_ansano	s_ansano	2323.66	Max WS	TR200_TP03H	9.40	31.74	34.24		34.31	0.002384	1.15	8.21	6.63	0.33
s_ansano	s_ansano	2323.66	Max WS	TR200_TP06H	8.11	31.74	34.08		34.14	0.002679	1.13	7.15	6.63	0.35
s_ansano	s_ansano	2323.66	Max WS	TR030_TP06H	7.23	31.74	33.98		34.04	0.002869	1.12	6.47	6.63	0.36
s_ansano	s_ansano	2323.66	Max WS	TR030_TP03H	8.52	31.74	34.11		34.18	0.002730	1.16	7.34	6.63	0.35
s_ansano	s_ansano	2323.66	Max WS	TR030_TP01H	9.46	31.74	34.25		34.31	0.002367	1.15	8.26	6.63	0.33
s_ansano	s_ansano	2320												
s_ansano	s_ansano	2313.83			Culvert									
s_ansano	s_ansano	2313.83	Max WS	TR200_TP01H	10.88	31.76	34.37		34.43	0.001956	1.10	9.87	7.18	0.30
s_ansano	s_ansano	2313.83	Max WS	TR200_TP03H	9.40	31.76	34.19		34.25	0.002222	1.10	8.57	7.18	0.32
s_ansano	s_ansano	2313.83	Max WS	TR200_TP06H	8.11	31.76	34.03		34.09	0.002515	1.09	7.46	7.18	0.34
s_ansano	s_ansano	2313.83	Max WS	TR030_TP06H	7.23	31.76	33.93		33.99	0.002723	1.07	6.74	7.18	0.35
s_ansano	s_ansano	2313.83	Max WS	TR030_TP03H	8.52	31.76	34.07		34.13	0.002508	1.10	7.71	7.18	0.34
s_ansano	s_ansano	2313.83	Max WS	TR030_TP01H	9.46	31.76	34.19		34.26	0.002203	1.10	8.63	7.18	0.32
s_ansano	s_ansano	2310.99			Lat Struct									
s_ansano	s_ansano	2310.98			Lat Struct									
s_ansano	s_ansano	2309.621	Max WS	TR200_TP01H	12.00	31.76	34.34		34.41	0.001866	1.13	10.60	7.41	0.30
s_ansano	s_ansano	2309.621	Max WS	TR200_TP03H	10.29	31.76	34.16		34.23	0.002038	1.11	9.28	7.41	0.32
s_ansano	s_ansano	2309.621	Max WS	TR200_TP06H	9.09	31.76	34.00		34.07	0.002416	1.13	8.07	7.41	0.34
s_ansano	s_ansano	2309.621	Max WS	TR030_TP06H	8.18	31.76	33.90		33.96	0.002852	1.12	7.30	7.41	0.36
s_ansano	s_ansano	2309.621	Max WS	TR030_TP03H	9.48	31.76	34.04		34.10	0.002381	1.14	8.34	7.41	0.34
s_ansano	s_ansano	2309.621	Max WS	TR030_TP01H	10.36	31.76	34.17		34.24	0.002023	1.11	9.34	7.41	0.32
s_ansano	s_ansano	2273.683	Max WS	TR200_TP01H	13.31	32.01	34.25		34.32	0.001896	1.24	10.77	7.43	0.33
s_ansano	s_ansano	2273.683	Max WS	TR200_TP03H	11.18	32.01	34.07		34.14	0.001996	1.18	9.48	7.43	0.33
s_ansano	s_ansano	2273.683	Max WS	TR200_TP06H	9.43	32.01	33.91		33.98	0.002152	1.14	8.30	7.43	0.34
s_ansano	s_ansano	2273.683	Max WS	TR030_TP06H	8.20	32.01	33.81		33.87	0.002192	1.09	7.56	7.43	0.34
s_ansano	s_ansano	2273.683	Max WS	TR030_TP03H	9.88	32.01	33.95		34.02	0.002138	1.15	8.57	7.43	0.34
s_ansano	s_ansano	2273.683	Max WS	TR030_TP01H	11.28	32.01	34.08		34.15	0.001994	1.18	9.53	7.43	0.33
s_ansano	s_ansano	2243.684	Max WS	TR200_TP01H	12.47	31.91	34.17		34.27	0.002589	1.36	9.20	6.01	0.35
s_ansano	s_ansano	2243.684	Max WS	TR200_TP03H	10.57	31.91	33.99		34.08	0.002650	1.30	8.13	6.01	0.36
s_ansano	s_ansano	2243.684	Max WS	TR200_TP06H	8.93	31.91	33.83		33.91	0.002736	1.25	7.16	6.01	0.37
s_ansano	s_ansano	2243.684	Max WS	TR030_TP06H	7.80	31.91	33.73		33.81	0.002702	1.19	6.56	6.01	0.36
s_ansano	s_ansano	2243.684	Max WS	TR030_TP03H	9.35	31.91	33.87		33.95	0.002759	1.27	7.37	6.01	0.37
s_ansano	s_ansano	2243.684	Max WS	TR030_TP01H	10.65	31.91	34.00		34.09	0.002645	1.30	8.18	6.01	0.36
s_ansano	s_ansano	2203.901	Max WS	TR200_TP01H	11.04	31.61	34.12		34.19	0.001874	1.13	9.73	6.54	0.30
s_ansano	s_ansano	2203.901	Max WS	TR200_TP03H	8.94	31.61	33.95		34.01	0.001753	1.04	8.61	6.54	0.29
s_ansano	s_ansano	2203.901	Max WS	TR200_TP06H	7.12	31.61	33.80		33.84	0.001604	0.94	7.61	6.54	0.28
s_ansano	s_ansano	2203.901	Max WS	TR030_TP06H	5.75	31.61	33.71		33.74	0.001322	0.82	7.04	6.54	0.25
s_ansano	s_ansano	2203.901	Max WS	TR030_TP03H	7.47	31.61	33.83		33.88	0.001614	0.95	7.84	6.54	0.28
s_ansano	s_ansano	2203.901	Max WS	TR030_TP01H	9.03	31.61	33.96		34.01	0.001760	1.04	8.66	6.54	0.29
s_ansano	s_ansano	2125.903	Max WS	TR200_TP01H	17.99	31.26	33.78		33.90	0.003232	1.49	12.05	8.71	0.41
s_ansano	s_ansano	2125.903	Max WS	TR200_TP03H	15.12	31.26	33.62		33.72	0.003375	1.43	10.59	8.71	0.41
s_ansano	s_ansano	2125.903	Max WS	TR200_TP06H	12.62	31.26	33.47		33.56	0.003484	1.36	9.30	8.71	0.42
s_ansano	s_ansano	2125.903	Max WS	TR030_TP06H	11.30	31.26	33.37		33.46	0.003800	1.34	8.42	8.71	0.44
s_ansano	s_ansano	2125.903	Max WS	TR030_TP03H	13.23	31.26	33.50		33.60	0.003535	1.39	9.55	8.71	0.42
s_ansano	s_ansano	2125.903	Max WS	TR030_TP01H	15.24	31.26	33.62		33.73	0.003356	1.43	10.66	8.71	0.41
s_ansano	s_ansano	2089.549	Max WS	TR200_TP01H	17.79	30.99	33.62		33.77	0.003934	1.72	10.35	6.31	0.43
s_ansano	s_ansano	2089.549	Max WS	TR200_TP03H	15.11	30.99	33.45		33.59	0.003844	1.62	9.31	6.31	0.43
s_ansano	s_ansano	2089.549	Max WS	TR200_TP06H	12.90	30.99	33.30		33.42	0.003834	1.54	8.35	6.31	0.43
s_ansano	s_ansano	2089.549	Max WS	TR030_TP06H	11.51	30.99	33.20		33.32	0.003831	1.49	7.73	6.31	0.43
s_ansano	s_ansano	2089.549	Max WS	TR030_TP03H	13.34	30.99	33.34		33.46	0.003813	1.56	8.56	6.31	0.43
s_ansano	s_ansano	2089.549	Max WS	TR030_TP01H	15.23	30.99	33.46		33.60	0.003847	1.63	9.36	6.31	0.43
s_ansano	s_ansano	2053.573	Max WS	TR200_TP01H	18.96	30.69	33.46		33.61	0.003806	1.74	10.92	6.47	0.43
s_ansano	s_ansano	2053.573	Max WS	TR200_TP03H	16.33	30.69	33.29		33.43	0.003812	1.66	9.83	6.47	0.43
s_ansano	s_ansano	2053.573	Max WS	TR200_TP06H	14.03	30.69	33.14		33.27	0.003804	1.58	8.86	6.47	0.43
s_ansano	s_ansano	2053.573	Max WS	TR030_TP06H	12.63	30.69	33.03		33.16	0.003878	1.54	8.19	6.47	0.44
s_ansano	s_ansano	2053.573	Max WS	TR030_TP03H	14.49	30.69	33.17		33.30	0.003781	1.60	9.08	6.47	0.43
s_ansano	s_ansano	2053.573	Max WS	TR030_TP01H	16.45	30.69	33.30		33.44	0.003813	1.66	9.88	6.47	0.43
s_ansano	s_ansano	2015.389	Max WS	TR200_TP01H	22.67	30.54	33.28		33.42	0.003103	1.65	13.78	8.30	0.41
s_ansano	s_ansano	2015.389	Max WS	TR200_TP03H	19.56	30.54	33.11		33.24	0.003154	1.58	12.39	8.30	0.41
s_ansano	s_ansano	2015.389	Max WS	TR200_TP06H	16.91	30.54	32.96		33.08	0.003240	1.52	11.13	8.30	0.42
s_ansano	s_ansano	2015.389	Max WS	TR030_TP06H	15.08	30.54	32.86		32.97	0.003241	1.46	10.31	8.30	0.42
s_ansano	s_ansano	2015.389	Max WS	TR030_TP03H	17.50	30.54	33.00		33.12	0.003226	1.53	11.41	8.30	0.42
s_ansano	s_ansano	2015.389	Max WS	TR030_TP01H	19.71	30.54	33.12		33.25	0.003152	1.58	12.45	8.30	0.41
s_ansano	s_ansano	1985.573	Max WS	TR200_TP01H	22.74	30.48	33.19		33.32	0.002848	1.61	14.16	8.29	0.39
s_ansano	s_ansano	1985.573	Max WS	TR200_TP03H	19.59	30.48	33.03		33.15	0.002857	1.53	12.78	8.29	0.39
s_ansano	s_ansano	1985.573	Max WS	TR200_TP06H	16.89	30.48	32.87		32.98	0.002892	1.47	11.51	8.29	0.40
s_ansano	s_ansano	1985.573	Max WS	TR030_TP06H	15.09	30.48	32.77		32.88	0.002877	1.41	10.69	8.29	0.40
s_ansano	s_ansano	1985.573	Max WS	TR030_TP03H	17.47	30.48	32.91		33.02	0.002877	1.48	11.79	8.29	0.40
s_ansano	s_ansano	1985.573	Max WS	TR030_TP01H	19.73	30.48	33.03		33.15	0.002856	1.54	12.84	8.29	0.39
s_ansano	s_ansano	1925.425	Max WS	TR200_TP01H	23.26	30.23	32.97		33.13	0.003579	1.76	13.25	7.98	0.44
s_ansano	s_ansano	1925.425	Max WS	TR200_TP03H	20.23	30.23	32.79		32.94	0.003775	1.71	11.82	7.98	0.45
s_ansano	s_ansano	1925.425	Max WS	TR200_TP06H	17.45	30.23	32.63		32.77	0.003910	1.65	10.57	7.98	0.46
s_ansano	s_ansano	1925.425	Max WS	TR030_TP06H	15.64	30.23	32.53		32.66	0.003957	1.60	9.78	7.98	0.46
s_ansano	s_ansano	1925.425	Max WS	TR030_TP03H	18.06	30.23	32.67		32.81	0.003885	1.67	10.84	7.98	0.46
s_ansano	s_ansano	1925.425	Max WS	TR030_TP01H	20.37	30.23	32.80		32.95	0.003769	1.71	11.89	7.98	0.45
s_ansano	s_ansano	1924.99			Lat Struct									
s_ansano	s_ansano	1924.98			Lat Struct									
s_ansano	s_ansano	1863.701	Max WS	TR200_TP01H	22.48	30.18	32.81		32.93	0.002759	1.54	14.61	9.24	0.39
s_ansano	s_ansano	1863.701	Max WS	TR200_TP03H	18.85	30.18	32.64		32.74	0.002734	1.45	13.02	9.24	0.39
s_ansano	s_ansano	1863.701	Max WS	TR200_TP06H	15.77	30.18	32.48		32.58	0.002710	1.36	11.60	9.24	0.39
s_ansano	s_ansano	1863.701	Max WS	TR030_TP06H	13.87	30.18	32.39		32.47	0.002658	1.29	10.73	9.24	0.38
s_ansano	s_													

HEC-RAS Profile: Max WS (Continued)

River	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
s_ansano	s_ansano	1806.210	Max WS	TR200_TP01H	25.20	29.72	32.61		32.74	0.002482	1.61	15.65	8.74	0.38
s_ansano	s_ansano	1806.210	Max WS	TR200_TP03H	21.61	29.72	32.43		32.55	0.002505	1.53	14.14	8.74	0.38
s_ansano	s_ansano	1806.210	Max WS	TR200_TP06H	18.28	29.72	32.28		32.39	0.002429	1.43	12.83	8.74	0.38
s_ansano	s_ansano	1806.210	Max WS	TR030_TP06H	15.93	29.72	32.20		32.29	0.002202	1.31	12.13	8.74	0.36
s_ansano	s_ansano	1806.210	Max WS	TR030_TP03H	19.07	29.72	32.31		32.42	0.002473	1.46	13.11	8.74	0.38
s_ansano	s_ansano	1806.210	Max WS	TR030_TP01H	21.77	29.72	32.44		32.56	0.002507	1.53	14.20	8.74	0.38
s_ansano	s_ansano	1755.122	Max WS	TR200_TP01H	20.09	29.56	32.57		32.67	0.001935	1.37	14.70	7.72	0.32
s_ansano	s_ansano	1755.122	Max WS	TR200_TP03H	17.39	29.56	32.39		32.47	0.001943	1.31	13.27	7.72	0.32
s_ansano	s_ansano	1755.122	Max WS	TR200_TP06H	15.15	29.56	32.22		32.30	0.001986	1.26	11.98	7.72	0.32
s_ansano	s_ansano	1755.122	Max WS	TR030_TP06H	14.64	29.56	32.10		32.19	0.002335	1.32	11.07	7.72	0.35
s_ansano	s_ansano	1755.122	Max WS	TR030_TP03H	15.77	29.56	32.25		32.34	0.002018	1.29	12.25	7.72	0.33
s_ansano	s_ansano	1755.122	Max WS	TR030_TP01H	17.51	29.56	32.40		32.48	0.001945	1.31	13.33	7.72	0.32
s_ansano	s_ansano	1735.024	Max WS	TR200_TP01H	25.13	29.52	32.33		32.53	0.004147	1.99	12.61	7.18	0.48
s_ansano	s_ansano	1735.024	Max WS	TR200_TP03H	21.83	29.52	32.15		32.34	0.004340	1.92	11.34	7.18	0.49
s_ansano	s_ansano	1735.024	Max WS	TR200_TP06H	19.14	29.52	31.98		32.17	0.004757	1.89	10.12	7.18	0.51
s_ansano	s_ansano	1735.024	Max WS	TR030_TP06H	17.82	29.52	31.86		32.05	0.005444	1.93	9.26	7.18	0.54
s_ansano	s_ansano	1735.024	Max WS	TR030_TP03H	19.75	29.52	32.02		32.21	0.004656	1.90	10.40	7.18	0.50
s_ansano	s_ansano	1735.024	Max WS	TR030_TP01H	21.97	29.52	32.16		32.35	0.004328	1.93	11.40	7.18	0.49
s_ansano	s_ansano	1690.518	Max WS	TR200_TP01H	27.26	29.42	32.04		32.26	0.005058	2.09	13.05	8.06	0.52
s_ansano	s_ansano	1690.518	Max WS	TR200_TP03H	23.36	29.42	31.87		32.07	0.005134	2.00	11.68	8.06	0.53
s_ansano	s_ansano	1690.518	Max WS	TR200_TP06H	19.79	29.42	31.72		31.90	0.005045	1.88	10.50	8.06	0.53
s_ansano	s_ansano	1690.518	Max WS	TR030_TP06H	17.41	29.42	31.63		31.79	0.004738	1.78	9.77	8.06	0.51
s_ansano	s_ansano	1690.518	Max WS	TR030_TP03H	20.60	29.42	31.75		31.94	0.005099	1.92	10.75	8.06	0.53
s_ansano	s_ansano	1690.518	Max WS	TR030_TP01H	23.54	29.42	31.88		32.08	0.005148	2.01	11.73	8.06	0.53
s_ansano	s_ansano	1651.994	Max WS	TR200_TP01H	25.65	29.16	31.91		32.10	0.004189	1.92	13.39	7.95	0.47
s_ansano	s_ansano	1651.994	Max WS	TR200_TP03H	22.10	29.16	31.73		31.90	0.004341	1.85	11.95	7.95	0.48
s_ansano	s_ansano	1651.994	Max WS	TR200_TP06H	18.78	29.16	31.58		31.74	0.004268	1.75	10.76	7.95	0.48
s_ansano	s_ansano	1651.994	Max WS	TR030_TP06H	16.49	29.16	31.50		31.64	0.003952	1.63	10.12	7.95	0.46
s_ansano	s_ansano	1651.994	Max WS	TR030_TP03H	19.53	29.16	31.61		31.77	0.004324	1.78	11.00	7.95	0.48
s_ansano	s_ansano	1651.994	Max WS	TR030_TP01H	22.26	29.16	31.74		31.91	0.004351	1.86	12.00	7.95	0.48
s_ansano	s_ansano	1650.99		Lat Struct										
s_ansano	s_ansano	1650.98		Lat Struct										
s_ansano	s_ansano	1612.707	Max WS	TR200_TP01H	23.25	29.10	31.83		31.97	0.003490	1.67	13.90	9.05	0.43
s_ansano	s_ansano	1612.707	Max WS	TR200_TP03H	19.91	29.10	31.63		31.77	0.003861	1.64	12.12	9.05	0.45
s_ansano	s_ansano	1612.707	Max WS	TR200_TP06H	17.14	29.10	31.46		31.59	0.004371	1.63	10.54	9.05	0.48
s_ansano	s_ansano	1612.707	Max WS	TR030_TP06H	15.50	29.10	31.35		31.49	0.004775	1.62	9.59	9.05	0.50
s_ansano	s_ansano	1612.707	Max WS	TR030_TP03H	17.73	29.10	31.50		31.63	0.004253	1.63	10.87	9.05	0.48
s_ansano	s_ansano	1612.707	Max WS	TR030_TP01H	20.05	29.10	31.64		31.78	0.003861	1.65	12.18	9.05	0.45
s_ansano	s_ansano	1580.699	Max WS	TR200_TP01H	20.55	28.97	31.79		31.90	0.002317	1.47	14.03	7.68	0.35
s_ansano	s_ansano	1580.699	Max WS	TR200_TP03H	17.52	28.97	31.59		31.69	0.002357	1.40	12.49	7.68	0.35
s_ansano	s_ansano	1580.699	Max WS	TR200_TP06H	15.01	28.97	31.41		31.50	0.002442	1.35	11.09	7.68	0.36
s_ansano	s_ansano	1580.699	Max WS	TR030_TP06H	13.53	28.97	31.30		31.39	0.002512	1.32	10.24	7.68	0.37
s_ansano	s_ansano	1580.699	Max WS	TR030_TP03H	15.55	28.97	31.45		31.54	0.002429	1.37	11.39	7.68	0.36
s_ansano	s_ansano	1580.699	Max WS	TR030_TP01H	17.65	28.97	31.60		31.70	0.002364	1.41	12.53	7.68	0.35
s_ansano	s_ansano	1562.548	Max WS	TR200_TP01H	19.33	29.22	31.78		31.87	0.001691	1.31	14.78	7.78	0.30
s_ansano	s_ansano	1562.548	Max WS	TR200_TP03H	16.31	29.22	31.58		31.66	0.001656	1.23	13.22	7.78	0.30
s_ansano	s_ansano	1562.548	Max WS	TR200_TP06H	13.89	29.22	31.40		31.47	0.001666	1.18	11.81	7.78	0.30
s_ansano	s_ansano	1562.548	Max WS	TR030_TP06H	12.49	29.22	31.29		31.35	0.001689	1.14	10.93	7.78	0.31
s_ansano	s_ansano	1562.548	Max WS	TR030_TP03H	14.39	29.22	31.44		31.51	0.001665	1.19	12.10	7.78	0.30
s_ansano	s_ansano	1562.548	Max WS	TR030_TP01H	16.44	29.22	31.59		31.67	0.001664	1.24	13.27	7.78	0.30
s_ansano	s_ansano	1536.581	Max WS	TR200_TP01H	17.50	28.91	31.74		31.84	0.002196	1.37	12.76	7.18	0.33
s_ansano	s_ansano	1536.581	Max WS	TR200_TP03H	14.72	28.91	31.54		31.62	0.002197	1.30	11.31	7.18	0.33
s_ansano	s_ansano	1536.581	Max WS	TR200_TP06H	12.40	28.91	31.36		31.44	0.002228	1.24	10.01	7.18	0.34
s_ansano	s_ansano	1536.581	Max WS	TR030_TP06H	10.99	28.91	31.25		31.32	0.002230	1.19	9.22	7.18	0.34
s_ansano	s_ansano	1536.581	Max WS	TR030_TP03H	12.89	28.91	31.40		31.48	0.002223	1.25	10.28	7.18	0.33
s_ansano	s_ansano	1536.581	Max WS	TR030_TP01H	14.83	28.91	31.54		31.63	0.002204	1.31	11.36	7.18	0.33
s_ansano	s_ansano	1506.689	Max WS	TR200_TP01H	20.02	28.92	31.70		31.75	0.001080	1.06	19.10	11.50	0.26
s_ansano	s_ansano	1506.689	Max WS	TR200_TP03H	16.35	28.92	31.50		31.55	0.001068	0.98	16.84	11.50	0.26
s_ansano	s_ansano	1506.689	Max WS	TR200_TP06H	13.31	28.92	31.32		31.37	0.001059	0.90	14.81	11.50	0.25
s_ansano	s_ansano	1506.689	Max WS	TR030_TP06H	11.59	28.92	31.22		31.25	0.001062	0.86	13.55	11.50	0.25
s_ansano	s_ansano	1506.689	Max WS	TR030_TP03H	13.97	28.92	31.36		31.40	0.001068	0.92	15.23	11.50	0.25
s_ansano	s_ansano	1506.689	Max WS	TR030_TP01H	16.50	28.92	31.51		31.56	0.001072	0.98	16.91	11.50	0.26
s_ansano	s_ansano	1465.181	Max WS	TR200_TP01H	16.78	28.80	31.63		31.72	0.001864	1.27	13.17	7.25	0.30
s_ansano	s_ansano	1465.181	Max WS	TR200_TP03H	14.17	28.80	31.43		31.51	0.001871	1.21	11.69	7.25	0.30
s_ansano	s_ansano	1465.181	Max WS	TR200_TP06H	11.96	28.80	31.25		31.32	0.001895	1.15	10.36	7.25	0.31
s_ansano	s_ansano	1465.181	Max WS	TR030_TP06H	10.69	28.80	31.14		31.20	0.001929	1.12	9.54	7.25	0.31
s_ansano	s_ansano	1465.181	Max WS	TR030_TP03H	12.42	28.80	31.29		31.36	0.001889	1.17	10.64	7.25	0.31
s_ansano	s_ansano	1465.181	Max WS	TR030_TP01H	14.28	28.80	31.44		31.51	0.001880	1.22	11.74	7.25	0.31
s_ansano	s_ansano	1430.824	Max WS	TR200_TP01H	20.67	28.78	31.49		31.60	0.002354	1.47	14.06	7.87	0.35
s_ansano	s_ansano	1430.824	Max WS	TR200_TP03H	17.00	28.78	31.31		31.40	0.002154	1.34	12.66	7.87	0.34
s_ansano	s_ansano	1430.824	Max WS	TR200_TP06H	13.44	28.78	31.17		31.23	0.001778	1.17	11.51	7.87	0.31
s_ansano	s_ansano	1430.824	Max WS	TR030_TP06H	10.54	28.78	31.09		31.14	0.001279	0.97	10.92	7.87	0.26
s_ansano	s_ansano	1430.824	Max WS	TR030_TP03H	14.24	28.78	31.19		31.27	0.001886	1.21	11.74	7.87	0.32
s_ansano	s_ansano	1430.824	Max WS	TR030_TP01H	17.14	28.78	31.32		31.41	0.002175	1.35	12.70	7.87	0.34
s_ansano	s_ansano	1399.701	Max WS	TR200_TP01H	20.14	28.79	31.44		31.52	0.001952	1.30	15.53	9.18	0.32
s_ansano	s_ansano	1399.701	Max WS	TR200_TP03H	17.48	28.79	31.24		31.32	0.002134	1.28	13.71	9.18	0.33
s_ansano	s_ansano	1399.701	Max WS	TR200_TP06H	15.34	28.79	31.06		31.14	0.002417	1.27	12.06	9.18	0.35
s_ansano	s_ansano	1399.701	Max WS	TR030_TP06H	14.68	28.79	30.93		31.02	0.002781	1.35	10.88	8.41	0.38
s_ansano	s_ansano	1399.701	Max WS	TR030_TP03H	15.74	28.79	31.10		31.18	0.002328	1.27	12.42	9.18	0.35
s_ansano	s_ansano	1399.701	Max WS	TR030_TP01H	17.59	28.79	31.24		31.33	0.002141	1.28	13.76	9.18	0.33
s_ansano	s_ansano	1394.13	Max WS	TR200_TP01H	18.66	28.79	31.35		31.51	0.006359	1.80	10.35	9.54	0.55
s_ansano	s_ansano	1394.13	Max WS	TR200_TP03H	17.81	28.79	31.09		31.28	0.002641	1.93	9.23	9.54	0.42
s_ansano	s_ansano	1394.13	Max WS	TR200_TP06H	16.84	28.79	30.86		31.07	0.003405				

HEC-RAS Profile: Max WS (Continued)

River	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
s_ansano	s_ansano	1383.99			Lat Struct									
s_ansano	s_ansano	1383.98			Lat Struct									
s_ansano	s_ansano	1379.264	Max WS	TR200_TP01H	21.28	28.79	31.22		31.32	0.001911	1.37	15.58	8.89	0.33
s_ansano	s_ansano	1379.264	Max WS	TR200_TP03H	20.34	28.79	30.99		31.11	0.002658	1.51	13.50	8.89	0.39
s_ansano	s_ansano	1379.264	Max WS	TR200_TP06H	18.62	28.79	30.77		30.90	0.003550	1.62	11.51	8.79	0.45
s_ansano	s_ansano	1379.264	Max WS	TR030_TP06H	17.13	28.79	30.61		30.76	0.004236	1.68	10.18	8.48	0.49
s_ansano	s_ansano	1379.264	Max WS	TR030_TP03H	19.10	28.79	30.81		30.94	0.003373	1.60	11.94	8.87	0.44
s_ansano	s_ansano	1379.264	Max WS	TR030_TP01H	20.42	28.79	30.99		31.11	0.002664	1.51	13.52	8.89	0.39
s_ansano	s_ansano	1318.262	Max WS	TR200_TP01H	18.92	28.34	31.21		31.23	0.000489	0.71	26.80	16.32	0.18
s_ansano	s_ansano	1318.262	Max WS	TR200_TP03H	16.29	28.34	30.98		31.00	0.000540	0.71	23.07	15.31	0.18
s_ansano	s_ansano	1318.262	Max WS	TR200_TP06H	13.61	28.34	30.75		30.77	0.000556	0.69	19.77	14.02	0.19
s_ansano	s_ansano	1318.262	Max WS	TR030_TP06H	11.43	28.34	30.59		30.61	0.000543	0.65	17.62	13.52	0.18
s_ansano	s_ansano	1318.262	Max WS	TR030_TP03H	14.34	28.34	30.80		30.82	0.000562	0.70	20.45	14.17	0.19
s_ansano	s_ansano	1318.262	Max WS	TR030_TP01H	16.67	28.34	30.98		31.00	0.000565	0.72	23.07	15.31	0.19
s_ansano	s_ansano	1268.095	Max WS	TR200_TP01H	32.19	27.96	30.95		31.10	0.002229	1.68	19.74	9.98	0.37
s_ansano	s_ansano	1268.095	Max WS	TR200_TP03H	26.78	27.96	30.75		30.87	0.002119	1.55	17.73	9.98	0.36
s_ansano	s_ansano	1268.095	Max WS	TR200_TP06H	20.66	27.96	30.59		30.67	0.001688	1.32	16.07	9.98	0.32
s_ansano	s_ansano	1268.095	Max WS	TR030_TP06H	17.61	27.96	30.44		30.52	0.001610	1.23	14.65	9.98	0.31
s_ansano	s_ansano	1268.095	Max WS	TR030_TP03H	21.87	27.96	30.62		30.72	0.001764	1.36	16.45	9.98	0.33
s_ansano	s_ansano	1268.095	Max WS	TR030_TP01H	26.46	27.96	30.76		30.88	0.002037	1.53	17.82	9.98	0.35
s_ansano	s_ansano	1237.581	Max WS	TR200_TP01H	38.05	27.84	30.70		30.92	0.004452	2.05	18.59	11.11	0.51
s_ansano	s_ansano	1237.581	Max WS	TR200_TP03H	33.11	27.84	30.44		30.67	0.005641	2.11	15.68	11.11	0.57
s_ansano	s_ansano	1237.581	Max WS	TR200_TP06H	27.96	27.84	30.18		30.42	0.007514	2.19	12.79	11.11	0.65
s_ansano	s_ansano	1237.581	Max WS	TR030_TP06H	24.04	27.84	30.05		30.28	0.007636	2.12	11.35	10.58	0.65
s_ansano	s_ansano	1237.581	Max WS	TR030_TP03H	29.18	27.84	30.23		30.47	0.007221	2.19	13.32	11.11	0.64
s_ansano	s_ansano	1237.581	Max WS	TR030_TP01H	33.24	27.84	30.40		30.65	0.006144	2.17	15.29	11.11	0.59
s_ansano	s_ansano	1185.827	Max WS	TR200_TP01H	30.49	27.61	30.67		30.78	0.001977	1.48	20.56	10.32	0.34
s_ansano	s_ansano	1185.827	Max WS	TR200_TP03H	26.26	27.61	30.39		30.50	0.002313	1.49	17.82	10.32	0.36
s_ansano	s_ansano	1185.827	Max WS	TR200_TP06H	19.84	27.61	30.14		30.23	0.002115	1.32	15.06	10.32	0.35
s_ansano	s_ansano	1185.827	Max WS	TR030_TP06H	15.00	27.61	30.04		30.10	0.001497	1.07	14.03	10.32	0.29
s_ansano	s_ansano	1185.827	Max WS	TR030_TP03H	21.43	27.61	30.18		30.28	0.002277	1.39	15.47	10.32	0.36
s_ansano	s_ansano	1185.827	Max WS	TR030_TP01H	26.08	27.61	30.35		30.46	0.002451	1.52	17.20	10.32	0.37
s_ansano	s_ansano	1136.227	Max WS	TR200_TP01H	24.37	27.62	30.65		30.73	0.001449	1.24	19.62	10.33	0.29
s_ansano	s_ansano	1136.227	Max WS	TR200_TP03H	21.16	27.62	30.35		30.43	0.001841	1.29	16.46	10.33	0.33
s_ansano	s_ansano	1136.227	Max WS	TR200_TP06H	18.52	27.62	30.01		30.12	0.002873	1.42	13.01	10.33	0.41
s_ansano	s_ansano	1136.227	Max WS	TR030_TP06H	16.46	27.62	29.85		29.96	0.003499	1.46	11.30	10.33	0.45
s_ansano	s_ansano	1136.227	Max WS	TR030_TP03H	19.22	27.62	30.07		30.18	0.002680	1.41	13.64	10.33	0.39
s_ansano	s_ansano	1136.227	Max WS	TR030_TP01H	21.15	27.62	30.30		30.39	0.002024	1.33	15.94	10.33	0.34
s_ansano	s_ansano	1092.204	Max WS	TR200_TP01H	20.70	27.47	30.64		30.69	0.000808	0.98	21.15	9.95	0.21
s_ansano	s_ansano	1092.204	Max WS	TR200_TP03H	16.87	27.47	30.34		30.39	0.000839	0.93	18.15	9.95	0.22
s_ansano	s_ansano	1092.204	Max WS	TR200_TP06H	13.58	27.47	30.01		30.05	0.000990	0.92	14.84	9.95	0.24
s_ansano	s_ansano	1092.204	Max WS	TR030_TP06H	13.38	27.47	29.80		29.86	0.001505	1.05	12.79	9.95	0.29
s_ansano	s_ansano	1092.204	Max WS	TR030_TP03H	14.19	27.47	30.07		30.12	0.000954	0.92	15.47	9.95	0.23
s_ansano	s_ansano	1092.204	Max WS	TR030_TP01H	16.68	27.47	30.29		30.34	0.000889	0.94	17.66	9.95	0.23
s_ansano	s_ansano	1088.99			Lat Struct									
s_ansano	s_ansano	1088.98			Lat Struct									
s_ansano	s_ansano	1034.180	Max WS	TR200_TP01H	16.73	27.54	30.63		30.67	0.000628	0.87	19.22	8.05	0.18
s_ansano	s_ansano	1034.180	Max WS	TR200_TP03H	13.49	27.54	30.33		30.36	0.000597	0.80	16.79	8.05	0.18
s_ansano	s_ansano	1034.180	Max WS	TR200_TP06H	10.83	27.54	29.99		30.02	0.000638	0.77	14.07	8.05	0.19
s_ansano	s_ansano	1034.180	Max WS	TR030_TP06H	10.49	27.54	29.77		29.81	0.000882	0.85	12.32	8.05	0.22
s_ansano	s_ansano	1034.180	Max WS	TR030_TP03H	11.31	27.54	30.05		30.08	0.000626	0.77	14.59	8.05	0.18
s_ansano	s_ansano	1034.180	Max WS	TR030_TP01H	13.28	27.54	30.28		30.31	0.000620	0.81	16.39	8.05	0.18
s_ansano	s_ansano	979.398	Max WS	TR200_TP01H	15.63	27.42	30.62		30.64	0.000311	0.70	22.48	9.02	0.14
s_ansano	s_ansano	979.398	Max WS	TR200_TP03H	12.39	27.42	30.32		30.34	0.000290	0.63	19.76	9.02	0.14
s_ansano	s_ansano	979.398	Max WS	TR200_TP06H	9.67	27.42	29.98		29.99	0.000296	0.58	16.70	9.02	0.14
s_ansano	s_ansano	979.398	Max WS	TR030_TP06H	8.78	27.42	29.76		29.78	0.000361	0.60	14.74	9.02	0.15
s_ansano	s_ansano	979.398	Max WS	TR030_TP03H	10.18	27.42	30.04		30.06	0.000295	0.59	17.29	9.02	0.14
s_ansano	s_ansano	979.398	Max WS	TR030_TP01H	12.18	27.42	30.27		30.29	0.000301	0.63	19.31	9.02	0.14
s_ansano	s_ansano	919.702	Max WS	TR200_TP01H	14.44	27.24	30.61		30.63	0.000188	0.53	27.43	9.98	0.10
s_ansano	s_ansano	919.702	Max WS	TR200_TP03H	11.36	27.24	30.31		30.32	0.000162	0.47	24.41	9.98	0.10
s_ansano	s_ansano	919.702	Max WS	TR200_TP06H	8.59	27.24	29.97		29.98	0.000142	0.41	21.03	9.98	0.09
s_ansano	s_ansano	919.702	Max WS	TR030_TP06H	7.32	27.24	29.76		29.76	0.000142	0.39	18.87	9.98	0.09
s_ansano	s_ansano	919.702	Max WS	TR030_TP03H	9.11	27.24	30.04		30.05	0.000146	0.42	21.68	9.98	0.09
s_ansano	s_ansano	919.702	Max WS	TR030_TP01H	11.13	27.24	30.26		30.27	0.000165	0.47	23.91	9.98	0.10
s_ansano	s_ansano	919	Max WS	TR200_TP01H	16.89	27.19	30.60		30.62	0.000176	0.57	29.81	10.56	0.11
s_ansano	s_ansano	919	Max WS	TR200_TP03H	13.23	27.19	30.30		30.31	0.000152	0.50	26.66	10.56	0.10
s_ansano	s_ansano	919	Max WS	TR200_TP06H	10.16	27.19	29.96		29.97	0.000139	0.45	23.09	10.56	0.10
s_ansano	s_ansano	919	Max WS	TR030_TP06H	8.63	27.19	29.75		29.76	0.000138	0.42	20.81	10.56	0.09
s_ansano	s_ansano	919	Max WS	TR030_TP03H	10.75	27.19	30.03		30.04	0.000142	0.46	23.78	10.56	0.10
s_ansano	s_ansano	919	Max WS	TR030_TP01H	12.89	27.19	30.25		30.26	0.000153	0.50	26.13	10.56	0.10
s_ansano	s_ansano	867.434	Max WS	TR200_TP01H	12.67	26.98	30.61		30.62	0.000155	0.48	26.21	8.73	0.09
s_ansano	s_ansano	867.434	Max WS	TR200_TP03H	10.42	26.98	30.31		30.32	0.000140	0.44	23.57	8.73	0.09
s_ansano	s_ansano	867.434	Max WS	TR200_TP06H	7.56	26.98	29.97		29.97	0.000107	0.37	20.62	8.73	0.08
s_ansano	s_ansano	867.434	Max WS	TR030_TP06H	5.60	26.98	29.75		29.76	0.000077	0.30	18.75	8.73	0.07
s_ansano	s_ansano	867.434	Max WS	TR030_TP03H	8.12	26.98	30.03		30.04	0.000115	0.38	21.19	8.73	0.08
s_ansano	s_ansano	867.434	Max WS	TR030_TP01H	10.32	26.98	30.25		30.26	0.000145	0.45	23.13	8.73	0.09
s_ansano	s_ansano	866.99			Lat Struct									
s_ansano	s_ansano	866.98			Lat Struct									
s_ansano	s_ansano	823.490	Max WS	TR200_TP01H	28.89	26.15	30.52		30.56	0.000526	0.93	31.03	9.04	0.16
s_ansano	s_ansano	823.490	Max WS	TR200_TP03H	23.34	26.15	30.23		30.27	0.000435	0.82	28.47	9.04	0.15
s_ansano	s_ansano	823.490	Max WS	TR200_TP06H	19.55	26.15	29.90		29.93	0.000416	0.77	25.46	9.04	0.15
s_ansano	s_ansano	823.490	Max WS	TR030_TP06H	18.02	26.15	29.68		29.71	0.000443	0.77	23.48	9.04	0.15
s_ansano	s_ansano	823.490	Max WS	TR030_TP03H	20.33	26.15	29.96		29.99	0.000422	0.78	26.04	9.04	0.15
s_ansano	s_ansano	823.490	Max WS	TR030_TP01H	22.73	26.15	30.18		30.22	0.000430	0.81	28.03	9.04	0.15
s_ansano	s_ansano	822	Max WS	TR200_TP01H	32.14	26.15	30.46		30.54	0.001013</				

HEC-RAS Profile: Max WS (Continued)

River	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
s_ansano	s_ansano	820												
					Culvert									
s_ansano	s_ansano	803.553	Max WS	TR200_TP01H	32.14	26.15	30.34		30.42	0.000984	1.24	26.20	9.86	0.24
s_ansano	s_ansano	803.553	Max WS	TR200_TP03H	28.03	26.15	30.02		30.09	0.001101	1.22	23.03	9.86	0.25
s_ansano	s_ansano	803.553	Max WS	TR200_TP06H	27.63	26.15	29.56		29.67	0.001143	1.47	18.76	9.86	0.27
s_ansano	s_ansano	803.553	Max WS	TR030_TP06H	30.03	26.15	29.20		29.37	0.002091	1.83	16.45	9.86	0.36
s_ansano	s_ansano	803.553	Max WS	TR030_TP03H	27.36	26.15	29.65		29.75	0.001751	1.41	19.43	9.86	0.31
s_ansano	s_ansano	803.553	Max WS	TR030_TP01H	27.94	26.15	29.95		30.03	0.001197	1.26	22.35	9.86	0.26
s_ansano	s_ansano	800.99												
					Lat Struct									
s_ansano	s_ansano	800.98												
					Lat Struct									
s_ansano	s_ansano	793.71	Max WS	TR200_TP01H	40.60	26.15	30.26		30.35	0.001249	1.39	29.26	9.77	0.26
s_ansano	s_ansano	793.71	Max WS	TR200_TP03H	36.15	26.15	29.94		30.04	0.001356	1.38	26.16	9.77	0.27
s_ansano	s_ansano	793.71	Max WS	TR200_TP06H	32.58	26.15	29.50		29.62	0.001833	1.49	21.89	9.77	0.32
s_ansano	s_ansano	793.71	Max WS	TR030_TP06H	31.06	26.15	29.18		29.32	0.002606	1.65	18.77	9.77	0.38
s_ansano	s_ansano	793.71	Max WS	TR030_TP03H	33.15	26.15	29.59		29.70	0.001703	1.46	22.73	9.77	0.31
s_ansano	s_ansano	793.71	Max WS	TR030_TP01H	35.86	26.15	29.87		29.97	0.001439	1.41	25.48	9.77	0.28
s_ansano	s_ansano	734.618	Max WS	TR200_TP01H	47.15	26.17	30.12		30.23	0.001455	1.51	31.28	11.28	0.29
s_ansano	s_ansano	734.618	Max WS	TR200_TP03H	40.74	26.17	29.82		29.93	0.001511	1.46	27.89	11.28	0.30
s_ansano	s_ansano	734.618	Max WS	TR200_TP06H	34.18	26.17	29.38		29.50	0.001873	1.49	22.99	11.28	0.33
s_ansano	s_ansano	734.618	Max WS	TR030_TP06H	28.76	26.17	29.08		29.19	0.002122	1.47	19.63	11.28	0.35
s_ansano	s_ansano	734.618	Max WS	TR030_TP03H	35.52	26.17	29.47		29.58	0.001799	1.48	23.92	11.28	0.33
s_ansano	s_ansano	734.618	Max WS	TR030_TP01H	39.90	26.17	29.75		29.86	0.001578	1.47	27.09	11.28	0.30
s_ansano	s_ansano	698.305	Max WS	TR200_TP01H	54.90	25.60	30.04		30.14	0.001223	1.41	38.85	13.12	0.26
s_ansano	s_ansano	698.305	Max WS	TR200_TP03H	45.57	25.60	29.76		29.85	0.001124	1.29	35.21	13.12	0.25
s_ansano	s_ansano	698.305	Max WS	TR200_TP06H	33.81	25.60	29.37		29.43	0.000997	1.13	29.97	13.12	0.24
s_ansano	s_ansano	698.305	Max WS	TR030_TP06H	29.03	25.60	29.06		29.12	0.001141	1.12	25.90	13.12	0.25
s_ansano	s_ansano	698.305	Max WS	TR030_TP03H	35.94	25.60	29.44		29.51	0.001021	1.16	30.99	13.12	0.24
s_ansano	s_ansano	698.305	Max WS	TR030_TP01H	43.94	25.60	29.70		29.78	0.001125	1.28	34.34	13.12	0.25
s_ansano	s_ansano	691.66	Max WS	TR200_TP01H	49.75	25.60	30.07		30.15	0.000776	1.22	40.88	12.78	0.22
s_ansano	s_ansano	691.66	Max WS	TR200_TP03H	43.97	25.60	29.77		29.84	0.000804	1.19	37.04	12.78	0.22
s_ansano	s_ansano	691.66	Max WS	TR200_TP06H	43.53	25.60	29.27		29.37	0.001367	1.42	30.65	12.78	0.29
s_ansano	s_ansano	691.66	Max WS	TR030_TP06H	38.33	25.60	28.95		29.06	0.001622	1.44	26.54	12.78	0.32
s_ansano	s_ansano	691.66	Max WS	TR030_TP03H	43.93	25.60	29.37		29.47	0.001239	1.38	31.89	12.78	0.28
s_ansano	s_ansano	691.66	Max WS	TR030_TP01H	43.29	25.60	29.70		29.77	0.000838	1.20	36.11	12.78	0.23
s_ansano	s_ansano	690	Max WS	TR200_TP01H	47.77	25.62	29.99		30.14	0.002742	1.74	27.47	13.70	0.39
s_ansano	s_ansano	690	Max WS	TR200_TP03H	43.56	25.62	29.62		29.81	0.004244	1.94	22.42	13.70	0.48
s_ansano	s_ansano	690	Max WS	TR200_TP06H	43.93	25.62	28.91		29.31	0.003935	2.78	15.83	11.07	0.53
s_ansano	s_ansano	690	Max WS	TR030_TP06H	38.38	25.62	28.62		28.99	0.004339	2.71	14.17	8.94	0.54
s_ansano	s_ansano	690	Max WS	TR030_TP03H	44.44	25.62	29.03		29.40	0.003520	2.70	16.48	12.33	0.50
s_ansano	s_ansano	690	Max WS	TR030_TP01H	43.05	25.62	29.52		29.73	0.005003	2.04	21.10	13.70	0.53
s_ansano	s_ansano	680												
					Culvert									
s_ansano	s_ansano	673.987	Max WS	TR200_TP01H	47.77	25.60	29.94		30.08	0.002517	1.70	28.13	13.53	0.38
s_ansano	s_ansano	673.987	Max WS	TR200_TP03H	43.56	25.60	29.56		29.74	0.003839	1.89	23.04	13.53	0.46
s_ansano	s_ansano	673.987	Max WS	TR200_TP06H	43.93	25.60	28.96		29.29	0.003036	2.53	17.40	11.10	0.46
s_ansano	s_ansano	673.987	Max WS	TR030_TP06H	38.38	25.60	28.69		28.99	0.003141	2.42	15.88	9.96	0.46
s_ansano	s_ansano	673.987	Max WS	TR030_TP03H	44.44	25.60	29.06		29.38	0.002791	2.47	17.96	11.69	0.44
s_ansano	s_ansano	673.987	Max WS	TR030_TP01H	43.05	25.60	29.47		29.67	0.004423	1.97	21.84	13.53	0.50
s_ansano	s_ansano	670.99												
					Lat Struct									
s_ansano	s_ansano	670.98												
					Lat Struct									
s_ansano	s_ansano	662.80	Max WS	TR200_TP01H	47.83	25.67	29.95		30.04	0.001192	1.34	35.75	15.16	0.28
s_ansano	s_ansano	662.80	Max WS	TR200_TP03H	44.39	25.67	29.58		29.69	0.001774	1.48	30.08	15.16	0.33
s_ansano	s_ansano	662.80	Max WS	TR200_TP06H	43.96	25.67	29.01		29.21	0.003801	1.99	22.06	12.50	0.48
s_ansano	s_ansano	662.80	Max WS	TR030_TP06H	38.38	25.67	28.71		28.93	0.004231	2.06	18.62	10.66	0.50
s_ansano	s_ansano	662.80	Max WS	TR030_TP03H	44.55	25.67	29.12		29.30	0.003438	1.90	23.43	13.32	0.46
s_ansano	s_ansano	662.80	Max WS	TR030_TP01H	44.16	25.67	29.48		29.60	0.002040	1.54	28.69	15.16	0.36
s_ansano	s_ansano	628.38	Max WS	TR200_TP01H	38.64	25.89	30.12		30.15	0.000322	0.80	48.09	15.75	0.15
s_ansano	s_ansano	628.38	Max WS	TR200_TP03H	43.48	25.89	29.59		29.65	0.000715	1.09	39.76	15.75	0.22
s_ansano	s_ansano	628.38	Max WS	TR200_TP06H	41.95	25.89	29.05		29.14	0.001368	1.34	31.29	15.75	0.30
s_ansano	s_ansano	628.38	Max WS	TR030_TP06H	38.55	25.89	28.72		28.83	0.001867	1.47	26.18	14.77	0.35
s_ansano	s_ansano	628.38	Max WS	TR030_TP03H	41.99	25.89	29.16		29.24	0.001166	1.27	33.01	15.75	0.28
s_ansano	s_ansano	628.38	Max WS	TR030_TP01H	42.63	25.89	29.50		29.57	0.000762	1.11	38.41	15.75	0.23
s_ansano	s_ansano	575.602	Max WS	TR200_TP01H	43.30	25.97	29.86		29.93	0.000835	1.20	36.22	12.52	0.22
s_ansano	s_ansano	575.602	Max WS	TR200_TP03H	41.53	25.97	29.52		29.61	0.001100	1.30	32.00	12.52	0.26
s_ansano	s_ansano	575.602	Max WS	TR200_TP06H	42.29	25.97	28.87		29.03	0.002726	1.77	23.84	12.52	0.41
s_ansano	s_ansano	575.602	Max WS	TR030_TP06H	39.24	25.97	28.33		28.60	0.006485	2.30	17.05	12.52	0.63
s_ansano	s_ansano	575.602	Max WS	TR030_TP03H	41.92	25.97	29.02		29.15	0.002141	1.63	25.69	12.52	0.36
s_ansano	s_ansano	575.602	Max WS	TR030_TP01H	41.37	25.97	29.42		29.52	0.001222	1.34	30.79	12.52	0.27
s_ansano	s_ansano	570.99												
					Lat Struct									
s_ansano	s_ansano	570.98												
					Lat Struct									
s_ansano	s_ansano	530.899	Max WS	TR200_TP01H	138.92	25.30	28.91	28.96	29.95	0.016494	4.51	30.81	15.98	1.04
s_ansano	s_ansano	530.899	Max WS	TR200_TP03H	77.58	25.30	28.49		29.02	0.010221	3.23	24.05	14.93	0.81
s_ansano	s_ansano	530.899	Max WS	TR200_TP06H	55.71	25.30	28.19		28.59	0.008499	2.81	19.79	13.19	0.73
s_ansano	s_ansano	530.899	Max WS	TR030_TP06H	40.64	25.30	28.00		28.28	0.005900	2.33	17.46	11.69	0.61
s_ansano	s_ansano	530.899	Max WS	TR030_TP03H	59.86	25.30	28.25		28.68	0.009202	2.90	20.62	13.98	0.76</

HEC-RAS Profile: Max WS (Continued)

River	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
s_ansano	s_ansano	460	Max WS	TR030_TP03H	40.16	25.10	27.88	27.08	28.28	0.004709	2.80	14.33	8.33	0.57
s_ansano	s_ansano	460	Max WS	TR030_TP01H	38.76	25.10	28.18	27.04	28.48	0.002984	2.41	16.08	9.33	0.46
s_ansano	s_ansano	455		Bridge										
s_ansano	s_ansano	450	Max WS	TR200_TP01H	47.26	25.10	27.91		28.45	0.006087	3.24	14.57	10.66	0.65
s_ansano	s_ansano	450	Max WS	TR200_TP03H	39.14	25.10	27.72		28.15	0.005396	2.90	13.49	9.56	0.60
s_ansano	s_ansano	450	Max WS	TR200_TP06H	38.45	25.10	27.54		28.02	0.006829	3.09	12.44	8.84	0.67
s_ansano	s_ansano	450	Max WS	TR030_TP06H	32.52	25.10	27.42		27.81	0.005833	2.76	11.79	8.60	0.61
s_ansano	s_ansano	450	Max WS	TR030_TP03H	40.15	25.10	27.57		28.09	0.007090	3.18	12.62	8.91	0.68
s_ansano	s_ansano	450	Max WS	TR030_TP01H	38.76	25.10	27.65		28.10	0.005837	2.96	13.10	9.17	0.62
s_ansano	s_ansano	449.99		Lat Struct										
s_ansano	s_ansano	449.98		Lat Struct										
s_ansano	s_ansano	443.79	Max WS	TR200_TP01H	48.57	25.10	27.98		28.34	0.007860	2.68	18.16	10.85	0.66
s_ansano	s_ansano	443.79	Max WS	TR200_TP03H	38.65	25.10	27.77		28.07	0.006905	2.42	15.97	10.15	0.62
s_ansano	s_ansano	443.79	Max WS	TR200_TP06H	38.55	25.10	27.52		27.93	0.010641	2.86	13.47	9.22	0.76
s_ansano	s_ansano	443.79	Max WS	TR030_TP06H	32.52	25.10	27.39		27.74	0.009277	2.63	12.35	8.57	0.70
s_ansano	s_ansano	443.79	Max WS	TR030_TP03H	40.31	25.10	27.55		27.99	0.010939	2.92	13.82	9.43	0.77
s_ansano	s_ansano	443.79	Max WS	TR030_TP01H	38.52	25.10	27.67		28.01	0.008110	2.58	14.95	9.79	0.67
s_ansano	s_ansano	406.515	Max WS	TR200_TP01H	43.68	25.10	27.97		28.13	0.002508	1.81	24.32	12.45	0.41
s_ansano	s_ansano	406.515	Max WS	TR200_TP03H	35.19	25.10	27.76		27.89	0.002331	1.63	21.69	12.45	0.39
s_ansano	s_ansano	406.515	Max WS	TR200_TP06H	35.03	25.10	27.46		27.65	0.004179	1.96	17.97	12.45	0.52
s_ansano	s_ansano	406.515	Max WS	TR030_TP06H	30.35	25.10	27.29		27.48	0.004614	1.92	15.92	12.45	0.54
s_ansano	s_ansano	406.515	Max WS	TR030_TP03H	36.51	25.10	27.50		27.70	0.004115	1.98	18.54	12.45	0.52
s_ansano	s_ansano	406.515	Max WS	TR030_TP01H	35.16	25.10	27.64		27.80	0.002891	1.75	20.24	12.45	0.44
s_ansano	s_ansano	366.100	Max WS	TR200_TP01H	33.65	24.63	27.95		28.11	0.002833	1.76	19.11	9.28	0.39
s_ansano	s_ansano	366.100	Max WS	TR200_TP03H	26.50	24.63	27.74		27.86	0.002403	1.54	17.16	9.28	0.36
s_ansano	s_ansano	366.100	Max WS	TR200_TP06H	25.80	24.63	27.43		27.59	0.003890	1.80	14.23	9.28	0.46
s_ansano	s_ansano	366.100	Max WS	TR030_TP06H	23.11	24.63	27.19		27.38	0.005174	1.92	12.07	9.19	0.53
s_ansano	s_ansano	366.100	Max WS	TR030_TP03H	26.71	24.63	27.48		27.65	0.003851	1.82	14.70	9.28	0.46
s_ansano	s_ansano	366.100	Max WS	TR030_TP01H	26.17	24.63	27.62		27.76	0.002852	1.63	16.04	9.28	0.40
s_ansano	s_ansano	297.875	Max WS	TR200_TP01H	25.59	24.37	27.93		28.00	0.001243	1.18	21.61	10.50	0.26
s_ansano	s_ansano	297.875	Max WS	TR200_TP03H	19.71	24.37	27.72		27.77	0.001010	1.01	19.43	10.50	0.24
s_ansano	s_ansano	297.875	Max WS	TR200_TP06H	16.86	24.37	27.41		27.46	0.001287	1.04	16.14	10.50	0.27
s_ansano	s_ansano	297.875	Max WS	TR030_TP06H	13.43	24.37	27.18		27.23	0.001281	0.98	13.73	10.13	0.27
s_ansano	s_ansano	297.875	Max WS	TR030_TP03H	17.93	24.37	27.46		27.52	0.001324	1.08	16.66	10.50	0.27
s_ansano	s_ansano	297.875	Max WS	TR030_TP01H	18.77	24.37	27.60		27.66	0.001119	1.03	18.17	10.50	0.25
s_ansano	s_ansano	241.583	Max WS	TR200_TP01H	19.44	24.38	27.92		27.96	0.000714	0.91	21.46	10.17	0.20
s_ansano	s_ansano	241.583	Max WS	TR200_TP03H	14.96	24.38	27.72		27.75	0.000572	0.77	19.37	10.17	0.18
s_ansano	s_ansano	241.583	Max WS	TR200_TP06H	11.96	24.38	27.40		27.43	0.000623	0.74	16.19	10.17	0.19
s_ansano	s_ansano	241.583	Max WS	TR030_TP06H	9.71	24.38	27.16		27.19	0.000632	0.70	13.78	9.71	0.19
s_ansano	s_ansano	241.583	Max WS	TR030_TP03H	12.84	24.38	27.45		27.48	0.000656	0.77	16.69	10.17	0.19
s_ansano	s_ansano	241.583	Max WS	TR030_TP01H	13.92	24.38	27.59		27.62	0.000600	0.77	18.15	10.17	0.18
s_ansano	s_ansano	190.056	Max WS	TR200_TP01H	15.48	24.31	27.93		27.95	0.000255	0.59	26.08	10.59	0.12
s_ansano	s_ansano	190.056	Max WS	TR200_TP03H	12.18	24.31	27.72		27.73	0.000204	0.51	23.84	10.59	0.11
s_ansano	s_ansano	190.056	Max WS	TR200_TP06H	9.75	24.31	27.40		27.41	0.000204	0.48	20.49	10.59	0.11
s_ansano	s_ansano	190.056	Max WS	TR030_TP06H	7.88	24.31	27.16		27.17	0.000197	0.44	17.95	10.59	0.11
s_ansano	s_ansano	190.056	Max WS	TR030_TP03H	10.44	24.31	27.45		27.46	0.000217	0.50	21.02	10.59	0.11
s_ansano	s_ansano	190.056	Max WS	TR030_TP01H	11.33	24.31	27.59		27.61	0.000207	0.50	22.56	10.59	0.11
s_ansano	s_ansano	189.99		Lat Struct										
s_ansano	s_ansano	189.98		Lat Struct										
s_ansano	s_ansano	153.047	Max WS	TR200_TP01H	21.68	24.23	27.88		27.91	0.000479	0.82	26.60	10.86	0.17
s_ansano	s_ansano	153.047	Max WS	TR200_TP03H	17.64	24.23	27.68		27.70	0.000406	0.72	24.41	10.86	0.15
s_ansano	s_ansano	153.047	Max WS	TR200_TP06H	13.72	24.23	27.37		27.39	0.000379	0.65	21.06	10.86	0.15
s_ansano	s_ansano	153.047	Max WS	TR030_TP06H	11.80	24.23	27.12		27.15	0.000416	0.64	18.43	10.86	0.16
s_ansano	s_ansano	153.047	Max WS	TR030_TP03H	14.49	24.23	27.42		27.44	0.000393	0.67	21.59	10.86	0.15
s_ansano	s_ansano	153.047	Max WS	TR030_TP01H	16.35	24.23	27.56		27.58	0.000409	0.71	23.12	10.86	0.15
s_ansano	s_ansano	102.247	Max WS	TR200_TP01H	31.89	24.17	27.80		27.85	0.000690	0.96	33.17	14.93	0.21
s_ansano	s_ansano	102.247	Max WS	TR200_TP03H	29.30	24.17	27.58		27.63	0.000798	0.98	29.90	14.93	0.22
s_ansano	s_ansano	102.247	Max WS	TR200_TP06H	26.46	24.17	27.24		27.30	0.001161	1.07	24.75	14.93	0.27
s_ansano	s_ansano	102.247	Max WS	TR030_TP06H	24.09	24.17	26.96		27.03	0.001710	1.17	20.56	14.93	0.32
s_ansano	s_ansano	102.247	Max WS	TR030_TP03H	27.01	24.17	27.29		27.35	0.001092	1.06	25.58	14.93	0.26
s_ansano	s_ansano	102.247	Max WS	TR030_TP01H	28.23	24.17	27.45		27.50	0.000910	1.01	27.95	14.93	0.24
s_ansano	s_ansano	55	Max WS	TR200_TP01H	55.48	23.62	26.98		27.36	0.006328	2.73	20.45	10.13	0.61
s_ansano	s_ansano	55	Max WS	TR200_TP03H	48.38	23.62	26.88		27.20	0.005610	2.50	19.45	10.13	0.57
s_ansano	s_ansano	55	Max WS	TR200_TP06H	37.70	23.62	26.71		26.94	0.004589	2.14	17.65	10.13	0.51
s_ansano	s_ansano	55	Max WS	TR030_TP06H	29.37	23.62	26.57		26.73	0.003604	1.81	16.24	10.13	0.45
s_ansano	s_ansano	55	Max WS	TR030_TP03H	39.44	23.62	26.73		26.98	0.004839	2.21	17.87	10.13	0.53
s_ansano	s_ansano	55	Max WS	TR030_TP01H	43.99	23.62	26.79		27.08	0.005449	2.39	18.46	10.13	0.56
s_ansano	s_ansano	50	Max WS	TR200_TP01H	44.71	23.60	26.86		27.24	0.007955	2.74	16.34	8.77	0.64
s_ansano	s_ansano	50	Max WS	TR200_TP03H	39.11	23.60	26.78		27.10	0.006860	2.49	15.69	8.77	0.60
s_ansano	s_ansano	50	Max WS	TR200_TP06H	30.29	23.60	26.62		26.85	0.005440	2.12	14.27	8.77	0.53
s_ansano	s_ansano	50	Max WS	TR030_TP06H	23.60	23.60	26.49		26.66	0.004190	1.79	13.17	8.77	0.47
s_ansano	s_ansano	50	Max WS	TR030_TP03H	31.68	23.60	26.64		26.88	0.005769	2.20	14.42	8.77	0.55
s_ansano	s_ansano	50	Max WS	TR030_TP01H	34.97	23.60	26.68		26.97	0.006474	2.36	14.83	8.77	0.58
s_ansano	s_ansano	45	Max WS	TR200_TP01H	36.78	22.70	26.77		26.96	0.004153	1.94	18.99	9.52	0.44
s_ansano	s_ansano	45	Max WS	TR200_TP03H	32.47	22.70	26.70		26.86	0.003617	1.77	18.30	9.52	0.41
s_ansano	s_ansano	45	Max WS	TR200_TP06H	24.19	22.70	26.57		26.67	0.002471	1.42	17.07	9.52	0.34
s_ansano	s_ansano	45	Max WS											

HEC-RAS Profile: Max WS (Continued)

River	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
s_ansano	s_ansano	42.5												
					Bridge									
s_ansano	s_ansano	41	Max WS	TR200_TP01H	22.50	22.65	26.79		26.88	0.002021	1.32	17.02	8.59	0.30
s_ansano	s_ansano	41	Max WS	TR200_TP03H	19.50	22.65	26.71		26.79	0.001704	1.19	16.37	8.59	0.28
s_ansano	s_ansano	41	Max WS	TR200_TP06H	14.78	22.65	26.56		26.61	0.001254	0.98	15.05	8.59	0.24
s_ansano	s_ansano	41	Max WS	TR030_TP06H	11.24	22.65	26.45		26.48	0.000885	0.80	14.08	8.59	0.20
s_ansano	s_ansano	41	Max WS	TR030_TP03H	15.47	22.65	26.58		26.63	0.001343	1.02	15.17	8.59	0.25
s_ansano	s_ansano	41	Max WS	TR030_TP01H	16.65	22.65	26.62		26.68	0.001447	1.07	15.54	8.59	0.25
s_ansano	s_ansano	40.99												
					Lat Struct									
s_ansano	s_ansano	40.98												
					Lat Struct									
s_ansano	s_ansano	40.667	Max WS	TR200_TP01H	23.05	22.65	26.80		26.86	0.000924	1.11	20.88	8.26	0.22
s_ansano	s_ansano	40.667	Max WS	TR200_TP03H	19.78	22.65	26.72		26.77	0.000745	0.98	20.26	8.26	0.20
s_ansano	s_ansano	40.667	Max WS	TR200_TP06H	14.83	22.65	26.57		26.60	0.000511	0.78	18.99	8.26	0.16
s_ansano	s_ansano	40.667	Max WS	TR030_TP06H	11.27	22.65	26.45		26.47	0.000345	0.63	18.04	8.26	0.13
s_ansano	s_ansano	40.667	Max WS	TR030_TP03H	15.55	22.65	26.58		26.62	0.000551	0.82	19.11	8.26	0.17
s_ansano	s_ansano	40.667	Max WS	TR030_TP01H	16.87	22.65	26.63		26.66	0.000613	0.87	19.46	8.26	0.18
s_ansano	s_ansano	40	Max WS	TR200_TP01H	22.78	22.65	26.79		26.85	0.001014	1.08	21.09	8.59	0.22
s_ansano	s_ansano	40	Max WS	TR200_TP03H	19.39	22.65	26.72		26.76	0.000800	0.95	20.47	8.59	0.20
s_ansano	s_ansano	40	Max WS	TR200_TP06H	14.25	22.65	26.57		26.60	0.000520	0.74	19.18	8.59	0.16
s_ansano	s_ansano	40	Max WS	TR030_TP06H	10.79	22.65	26.45		26.47	0.000348	0.59	18.19	8.59	0.13
s_ansano	s_ansano	40	Max WS	TR030_TP03H	14.97	22.65	26.58		26.61	0.000564	0.78	19.30	8.59	0.17
s_ansano	s_ansano	40	Max WS	TR030_TP01H	16.35	22.65	26.62		26.66	0.000638	0.83	19.66	8.59	0.18
s_ansano	s_ansano	35	Max WS	TR200_TP01H	19.10	23.00	26.79		26.84	0.000681	0.92	20.86	8.42	0.19
s_ansano	s_ansano	35	Max WS	TR200_TP03H	16.28	23.00	26.72		26.75	0.000539	0.80	20.24	8.42	0.17
s_ansano	s_ansano	35	Max WS	TR200_TP06H	11.99	23.00	26.57		26.59	0.000352	0.63	18.95	8.42	0.13
s_ansano	s_ansano	35	Max WS	TR030_TP06H	8.98	23.00	26.45		26.47	0.000229	0.50	17.98	8.42	0.11
s_ansano	s_ansano	35	Max WS	TR030_TP03H	12.60	23.00	26.58		26.60	0.000382	0.66	19.07	8.42	0.14
s_ansano	s_ansano	35	Max WS	TR030_TP01H	13.73	23.00	26.63		26.65	0.000430	0.71	19.44	8.42	0.15
s_ansano	s_ansano	30	Max WS	TR200_TP01H	15.80	22.91	26.79		26.82	0.000433	0.73	21.71	8.70	0.15
s_ansano	s_ansano	30	Max WS	TR200_TP03H	13.33	22.91	26.72		26.74	0.000335	0.63	21.07	8.70	0.13
s_ansano	s_ansano	30	Max WS	TR200_TP06H	9.58	22.91	26.57		26.58	0.000208	0.49	19.75	8.70	0.10
s_ansano	s_ansano	30	Max WS	TR030_TP06H	6.99	22.91	26.45		26.46	0.000129	0.37	18.75	8.70	0.08
s_ansano	s_ansano	30	Max WS	TR030_TP03H	10.10	22.91	26.58		26.60	0.000228	0.51	19.87	8.70	0.11
s_ansano	s_ansano	30	Max WS	TR030_TP01H	11.10	22.91	26.63		26.64	0.000261	0.55	20.25	8.70	0.11
s_ansano	s_ansano	25	Max WS	TR200_TP01H	13.19	22.37	26.78		26.79	0.000140	0.43	30.49	13.54	0.09
s_ansano	s_ansano	25	Max WS	TR200_TP03H	10.77	22.37	26.71		26.72	0.000102	0.36	29.52	13.54	0.08
s_ansano	s_ansano	25	Max WS	TR200_TP06H	7.31	22.37	26.57		26.57	0.000058	0.27	27.52	13.54	0.06
s_ansano	s_ansano	25	Max WS	TR030_TP06H	5.16	22.37	26.45		26.45	0.000034	0.20	25.98	13.54	0.05
s_ansano	s_ansano	25	Max WS	TR030_TP03H	7.75	22.37	26.58		26.58	0.000064	0.28	27.70	13.54	0.06
s_ansano	s_ansano	25	Max WS	TR030_TP01H	8.98	22.37	26.62		26.63	0.000081	0.32	28.26	13.54	0.07
s_ansano	s_ansano	22.241	Max WS	TR200_TP01H	15.12	22.34	26.78		26.79	0.000085	0.37	41.35	16.89	0.07
s_ansano	s_ansano	22.241	Max WS	TR200_TP03H	11.98	22.34	26.71		26.71	0.000058	0.30	40.19	16.89	0.06
s_ansano	s_ansano	22.241	Max WS	TR200_TP06H	8.23	22.34	26.56		26.57	0.000033	0.22	37.71	16.89	0.05
s_ansano	s_ansano	22.241	Max WS	TR030_TP06H	6.79	22.34	26.45		26.45	0.000027	0.19	35.78	16.89	0.04
s_ansano	s_ansano	22.241	Max WS	TR030_TP03H	8.62	22.34	26.58		26.58	0.000036	0.23	37.93	16.89	0.05
s_ansano	s_ansano	22.241	Max WS	TR030_TP01H	9.98	22.34	26.62		26.62	0.000046	0.26	38.64	16.89	0.05
s_ansano	s_ansano	20	Max WS	TR200_TP01H	19.79	22.87	26.77		26.78	0.000070	0.31	63.93	31.99	0.07
s_ansano	s_ansano	20	Max WS	TR200_TP03H	16.02	22.87	26.71		26.71	0.000051	0.26	61.76	31.99	0.06
s_ansano	s_ansano	20	Max WS	TR200_TP06H	8.81	22.87	26.56		26.56	0.000020	0.15	57.17	31.99	0.04
s_ansano	s_ansano	20	Max WS	TR030_TP06H	7.29	22.87	26.45		26.45	0.000017	0.14	53.52	31.99	0.03
s_ansano	s_ansano	20	Max WS	TR030_TP03H	9.26	22.87	26.58		26.58	0.000021	0.16	57.59	31.99	0.04
s_ansano	s_ansano	20	Max WS	TR030_TP01H	11.55	22.87	26.62		26.62	0.000031	0.20	58.89	31.99	0.05
s_ansano	s_ansano	18.750	Max WS	TR200_TP01H	2.65	22.61	26.78		26.79	0.000005	0.09	30.86	12.58	0.02
s_ansano	s_ansano	18.750	Max WS	TR200_TP03H	0.98	22.61	26.71		26.71	0.000001	0.03	29.97	12.58	0.01
s_ansano	s_ansano	18.750	Max WS	TR200_TP06H	-2.01	22.61	26.57		26.57	0.000004	-0.07	28.10	12.58	0.02
s_ansano	s_ansano	18.750	Max WS	TR030_TP06H	-2.29	22.61	26.45		26.45	0.000006	-0.09	26.65	12.58	0.02
s_ansano	s_ansano	18.750	Max WS	TR030_TP03H	-1.96	22.61	26.58		26.58	0.000004	-0.07	28.26	12.58	0.01
s_ansano	s_ansano	18.750	Max WS	TR030_TP01H	-0.78	22.61	26.62		26.62	0.000001	-0.03	28.79	12.58	0.01
s_ansano	s_ansano	15	Max WS	TR200_TP01H	25.59	22.12	26.69		26.73	0.000527	0.88	29.20	9.87	0.16
s_ansano	s_ansano	15	Max WS	TR200_TP03H	25.75	22.12	26.61		26.65	0.000575	0.91	28.43	9.87	0.17
s_ansano	s_ansano	15	Max WS	TR200_TP06H	27.39	22.12	26.43		26.49	0.000781	1.03	26.66	9.87	0.20
s_ansano	s_ansano	15	Max WS	TR030_TP06H	29.37	22.12	26.28		26.35	0.001063	1.17	25.13	9.87	0.23
s_ansano	s_ansano	15	Max WS	TR030_TP03H	27.17	22.12	26.45		26.50	0.000755	1.01	26.83	9.87	0.20
s_ansano	s_ansano	15	Max WS	TR030_TP01H	26.48	22.12	26.50		26.55	0.000678	0.97	27.36	9.87	0.19
s_ansano	s_ansano	13	Max WS	TR200_TP01H	43.42	22.12	25.99		26.49	0.004056	3.13	13.87	10.33	0.51
s_ansano	s_ansano	13	Max WS	TR200_TP03H	42.11	22.12	25.94		26.43	0.003983	3.07	13.69	10.15	0.51
s_ansano	s_ansano	13	Max WS	TR200_TP06H	39.94	22.12	25.81		26.28	0.004033	3.02	13.22	9.67	0.51
s_ansano	s_ansano	13	Max WS	TR030_TP06H	38.35	22.12	25.71		26.16	0.004111	2.99	12.82	9.28	0.51
s_ansano	s_ansano	13	Max WS	TR030_TP03H	40.12	22.12	25.83		26.29	0.004023	3.03	13.26	9.72	0.51
s_ansano	s_ansano	13	Max WS	TR030_TP01H	40.69	22.12	25.86		26.33	0.003993	3.04	13.40	9.66	0.51
s_ansano	s_ansano	12.5 1091.98												
					Culvert									
s_ansano	s_ansano	11.85	Max WS	TR200_TP01H	43.42	22.10	24.22	24.52	25.82	0.018467	5.61	7.74	9.77	1.23
s_ansano	s_ansano	11.85	Max WS	TR200_TP03H	42.11	22.10	24.18	24.47	25.74	0.018442	5.54	7.60	9.69	1.23
s_ansano	s_ansano	11.85	Max WS	TR200_TP06H	39.94	22.10	24.12	24.39	25.61	0.018371	5.42	7.37	9.55	1.22
s_ansano	s_ansano	11.85	Max WS	TR030_TP06H	38.35	22.10	24.07	24.33	25.51	0.018346	5.33	7.20	9.45	1.21
s_ansano	s_ansano	11.85	Max WS	TR030_TP03H	40.12	22.10	24.12	24.40	25.62	0.018381	5.43	7.39		

HEC-RAS Profile: Max WS (Continued)

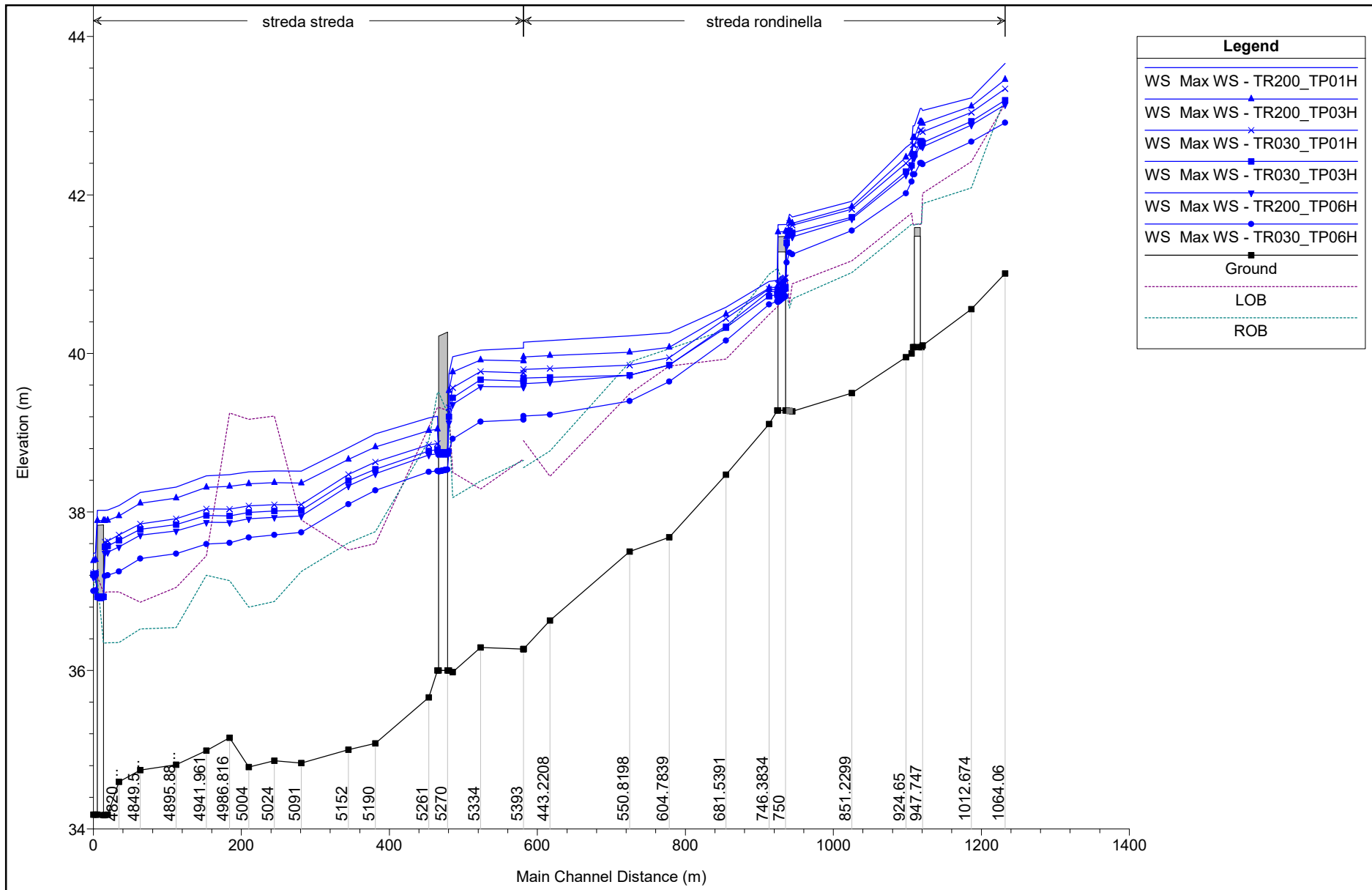
River	Reach	River Sta	Profile	Plan	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Forretta dalla C	Casa Nuova	139.98												
					Lat Struct									
Forretta dalla C	Casa Nuova	138.33	Max WS	TR200_TP01H	-0.05	41.22	42.46		42.46	0.000002	-0.02	2.84	4.82	0.01
Forretta dalla C	Casa Nuova	138.33	Max WS	TR200_TP03H	0.39	41.22	42.22		42.22	0.000479	0.23	1.68	4.39	0.12
Forretta dalla C	Casa Nuova	138.33	Max WS	TR200_TP06H	0.40	41.22	42.14		42.14	0.000736	0.30	1.35	3.35	0.15
Forretta dalla C	Casa Nuova	138.33	Max WS	TR030_TP06H	0.40	41.22	42.06		42.07	0.001109	0.36	1.12	2.83	0.18
Forretta dalla C	Casa Nuova	138.33	Max WS	TR030_TP03H	0.40	41.22	42.15		42.15	0.000729	0.28	1.40	3.72	0.15
Forretta dalla C	Casa Nuova	138.33	Max WS	TR030_TP01H	0.30	41.22	42.32		42.32	0.000133	0.14	2.17	4.82	0.06
Forretta dalla C	Casa Nuova	136.67	Max WS	TR200_TP01H	1.76	40.93	42.42		42.43	0.000996	0.51	3.47	3.98	0.17
Forretta dalla C	Casa Nuova	136.67	Max WS	TR200_TP03H	1.70	40.93	42.12		42.15	0.003289	0.75	2.27	3.98	0.32
Forretta dalla C	Casa Nuova	136.67	Max WS	TR200_TP06H	1.52	40.93	42.00		42.04	0.005361	0.85	1.80	3.98	0.40
Forretta dalla C	Casa Nuova	136.67	Max WS	TR030_TP06H	1.23	40.93	41.94		41.97	0.005026	0.79	1.56	3.71	0.39
Forretta dalla C	Casa Nuova	136.67	Max WS	TR030_TP03H	1.55	40.93	42.03		42.06	0.004657	0.81	1.90	3.98	0.38
Forretta dalla C	Casa Nuova	136.67	Max WS	TR030_TP01H	1.75	40.93	42.26		42.28	0.001786	0.62	2.83	3.98	0.23
Forretta dalla C	Casa Nuova	135.00	Max WS	TR200_TP01H	3.57	40.65	42.35		42.38	0.001851	0.75	4.77	4.82	0.24
Forretta dalla C	Casa Nuova	135.00	Max WS	TR200_TP03H	2.87	40.65	41.99		42.04	0.004652	0.94	3.04	4.82	0.38
Forretta dalla C	Casa Nuova	135.00	Max WS	TR200_TP06H	2.33	40.65	41.83		41.88	0.007618	1.03	2.26	4.82	0.48
Forretta dalla C	Casa Nuova	135.00	Max WS	TR030_TP06H	1.93	40.65	41.75		41.81	0.009256	1.02	1.89	4.82	0.52
Forretta dalla C	Casa Nuova	135.00	Max WS	TR030_TP03H	2.47	40.65	41.87		41.92	0.006702	1.01	2.45	4.82	0.45
Forretta dalla C	Casa Nuova	135.00	Max WS	TR030_TP01H	3.32	40.65	42.16		42.20	0.002992	0.86	3.87	4.82	0.31
Forretta dalla C	Casa Nuova	133.33	Max WS	TR200_TP01H	5.12	40.36	42.25		42.30	0.003076	1.01	5.05	4.29	0.30
Forretta dalla C	Casa Nuova	133.33	Max WS	TR200_TP03H	3.54	40.36	41.88		41.93	0.004438	1.02	3.46	4.29	0.36
Forretta dalla C	Casa Nuova	133.33	Max WS	TR200_TP06H	2.74	40.36	41.69		41.74	0.006024	1.04	2.64	4.29	0.42
Forretta dalla C	Casa Nuova	133.33	Max WS	TR030_TP06H	2.30	40.36	41.57		41.63	0.008027	1.07	2.15	4.29	0.48
Forretta dalla C	Casa Nuova	133.33	Max WS	TR030_TP03H	2.94	40.36	41.74		41.79	0.005529	1.03	2.85	4.29	0.41
Forretta dalla C	Casa Nuova	133.33	Max WS	TR030_TP01H	4.33	40.36	42.06		42.11	0.003863	1.02	4.24	4.29	0.33
Forretta dalla C	Casa Nuova	131.67	Max WS	TR200_TP01H	5.17	40.07	42.21		42.25	0.002318	0.93	5.59	3.93	0.25
Forretta dalla C	Casa Nuova	131.67	Max WS	TR200_TP03H	3.77	40.07	41.81		41.86	0.003106	0.93	4.04	3.93	0.29
Forretta dalla C	Casa Nuova	131.67	Max WS	TR200_TP06H	2.93	40.07	41.60		41.64	0.003644	0.91	3.22	3.93	0.32
Forretta dalla C	Casa Nuova	131.67	Max WS	TR030_TP06H	2.43	40.07	41.47		41.51	0.004264	0.90	2.69	3.93	0.35
Forretta dalla C	Casa Nuova	131.67	Max WS	TR030_TP03H	3.14	40.07	41.66		41.70	0.003486	0.92	3.43	3.93	0.31
Forretta dalla C	Casa Nuova	131.67	Max WS	TR030_TP01H	4.46	40.07	42.01		42.05	0.002637	0.93	4.81	3.93	0.27
Forretta dalla C	Casa Nuova	130	Max WS	TR200_TP01H	7.51	39.76	42.07		42.15	0.003947	1.23	6.10	4.00	0.32
Forretta dalla C	Casa Nuova	130	Max WS	TR200_TP03H	4.78	39.76	41.72		41.78	0.003304	1.01	4.72	4.00	0.30
Forretta dalla C	Casa Nuova	130	Max WS	TR200_TP06H	3.47	39.76	41.53		41.57	0.002897	0.88	3.96	4.00	0.28
Forretta dalla C	Casa Nuova	130	Max WS	TR030_TP06H	2.71	39.76	41.41		41.44	0.002643	0.79	3.45	4.00	0.27
Forretta dalla C	Casa Nuova	130	Max WS	TR030_TP03H	3.80	39.76	41.58		41.62	0.003017	0.92	4.15	4.00	0.29
Forretta dalla C	Casa Nuova	130	Max WS	TR030_TP01H	6.10	39.76	41.89		41.96	0.003655	1.13	5.40	4.00	0.31
Forretta dalla C	Casa Nuova	129.13*	Max WS	TR200_TP01H	7.10	39.77	42.04		42.11	0.003450	1.16	6.09	4.02	0.30
Forretta dalla C	Casa Nuova	129.13*	Max WS	TR200_TP03H	4.44	39.77	41.70		41.74	0.002755	0.94	4.73	4.02	0.28
Forretta dalla C	Casa Nuova	129.13*	Max WS	TR200_TP06H	3.19	39.77	41.51		41.54	0.002345	0.80	3.98	4.02	0.26
Forretta dalla C	Casa Nuova	129.13*	Max WS	TR030_TP06H	2.47	39.77	41.39		41.41	0.002096	0.71	3.47	4.02	0.24
Forretta dalla C	Casa Nuova	129.13*	Max WS	TR030_TP03H	3.50	39.77	41.56		41.60	0.002458	0.84	4.17	4.02	0.26
Forretta dalla C	Casa Nuova	129.13*	Max WS	TR030_TP01H	5.67	39.77	41.87		41.92	0.003064	1.05	5.41	4.02	0.29
Forretta dalla C	Casa Nuova	128.25*	Max WS	TR200_TP01H	7.27	39.77	41.98		42.06	0.003722	1.21	5.98	4.05	0.32
Forretta dalla C	Casa Nuova	128.25*	Max WS	TR200_TP03H	4.44	39.77	41.66		41.71	0.002756	0.95	4.69	4.05	0.28
Forretta dalla C	Casa Nuova	128.25*	Max WS	TR200_TP06H	3.17	39.77	41.48		41.52	0.002281	0.80	3.96	4.05	0.26
Forretta dalla C	Casa Nuova	128.25*	Max WS	TR030_TP06H	2.44	39.77	41.36		41.39	0.001989	0.70	3.47	4.05	0.24
Forretta dalla C	Casa Nuova	128.25*	Max WS	TR030_TP03H	3.48	39.77	41.53		41.56	0.002402	0.84	4.15	4.05	0.26
Forretta dalla C	Casa Nuova	128.25*	Max WS	TR030_TP01H	5.74	39.77	41.82		41.88	0.003181	1.07	5.35	4.05	0.30
Forretta dalla C	Casa Nuova	127.38*	Max WS	TR200_TP01H	7.07	39.78	41.94		42.01	0.003529	1.19	5.94	4.07	0.31
Forretta dalla C	Casa Nuova	127.38*	Max WS	TR200_TP03H	4.34	39.78	41.63		41.68	0.002604	0.93	4.67	4.07	0.28
Forretta dalla C	Casa Nuova	127.38*	Max WS	TR200_TP06H	3.08	39.78	41.46		41.49	0.002096	0.78	3.97	4.07	0.25
Forretta dalla C	Casa Nuova	127.38*	Max WS	TR030_TP06H	2.39	39.78	41.34		41.36	0.001845	0.69	3.48	4.07	0.24
Forretta dalla C	Casa Nuova	127.38*	Max WS	TR030_TP03H	3.38	39.78	41.50		41.54	0.002212	0.81	4.15	4.07	0.26
Forretta dalla C	Casa Nuova	127.38*	Max WS	TR030_TP01H	5.64	39.78	41.79		41.84	0.003068	1.06	5.31	4.07	0.30
Forretta dalla C	Casa Nuova	126.50	Max WS	TR200_TP01H	6.40	39.79	41.92		41.98	0.002797	1.07	5.97	4.09	0.28
Forretta dalla C	Casa Nuova	126.50	Max WS	TR200_TP03H	3.90	39.79	41.62		41.65	0.002014	0.83	4.72	4.09	0.25
Forretta dalla C	Casa Nuova	126.50	Max WS	TR200_TP06H	2.80	39.79	41.44		41.47	0.001650	0.70	4.01	4.09	0.22
Forretta dalla C	Casa Nuova	126.50	Max WS	TR030_TP06H	2.18	39.79	41.32		41.34	0.001454	0.62	3.52	4.09	0.21
Forretta dalla C	Casa Nuova	126.50	Max WS	TR030_TP03H	3.06	39.79	41.49		41.52	0.001734	0.73	4.19	4.09	0.23
Forretta dalla C	Casa Nuova	126.50	Max WS	TR030_TP01H	5.07	39.79	41.77		41.82	0.002387	0.95	5.35	4.09	0.26
Forretta dalla C	Casa Nuova	125.63*	Max WS	TR200_TP01H	6.02	39.80	41.91		41.96	0.002266	0.98	6.15	4.24	0.26
Forretta dalla C	Casa Nuova	125.63*	Max WS	TR200_TP03H	3.73	39.80	41.60		41.63	0.001694	0.77	4.85	4.24	0.23
Forretta dalla C	Casa Nuova	125.63*	Max WS	TR200_TP06H	2.73	39.80	41.43		41.45	0.001457	0.66	4.12	4.24	0.21
Forretta dalla C	Casa Nuova	125.63*	Max WS	TR030_TP06H	2.20	39.80	41.31		41.33	0.001387	0.61	3.61	4.24	0.21
Forretta dalla C	Casa Nuova	125.63*	Max WS	TR030_TP03H	2.97	39.80	41.47		41.50	0.001506	0.69	4.31	4.24	0.22
Forretta dalla C	Casa Nuova	125.63*	Max WS	TR030_TP01H	4.81	39.80	41.75		41.79	0.001972	0.87	5.50	4.24	0.24
Forretta dalla C	Casa Nuova	124.75*	Max WS	TR200_TP01H	5.62	39.81	41.90		41.94	0.001798	0.88	6.35	4.38	0.23
Forretta dalla C	Casa Nuova	124.75*	Max WS	TR200_TP03H	3.49	39.81	41.59		41.61	0.001359	0.70	5.01	4.38	0.21
Forretta dalla C	Casa Nuova	124.75*	Max WS	TR200_TP06H	2.57	39.81	41.42		41.43	0.001186	0.61	4.25	4.38	0.20
Forretta dalla C	Casa Nuova	124.75*	Max WS	TR030_TP06H	2.08	39.81	41.29		41.31	0.001142	0.56	3.72	4.38	0.19
Forretta dalla C	Casa Nuova	124.75*	Max WS	TR030_TP03H	2.79	39.81	41.46		41.48	0.001221	0.63	4.45	4.38	0.20
Forretta dalla C	Casa Nuova	124.75*	Max WS	TR030_TP01H	4.48	39.81	41.74		41.77	0.001565	0.79	5.68	4.38	0.22
Forretta dalla C	Casa Nuova	123.88*	Max WS	TR200_TP01H	5.15	39.81	41.89		41.92	0.001372	0.78	6.57	4.53	0.21
Forretta dalla C	Casa Nuova	123.88*	Max WS	TR200_TP03H	3.18	39.81	41.58		41.60	0.001018	0.61	5.19	4.53	0.18
Forretta dalla C	Casa Nuova	123.88*	Max											

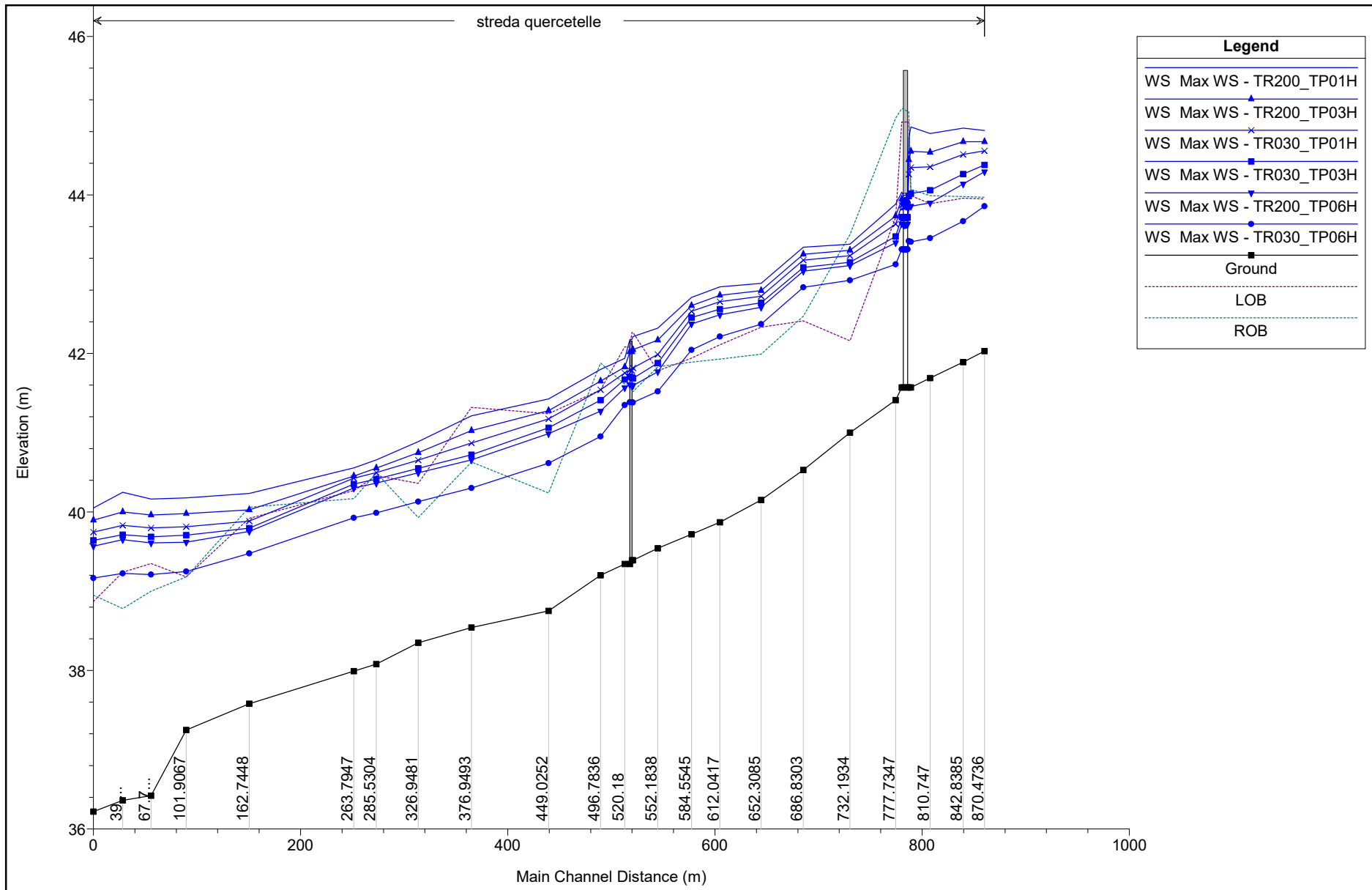
HEC-RAS Profile: Max WS (Continued)

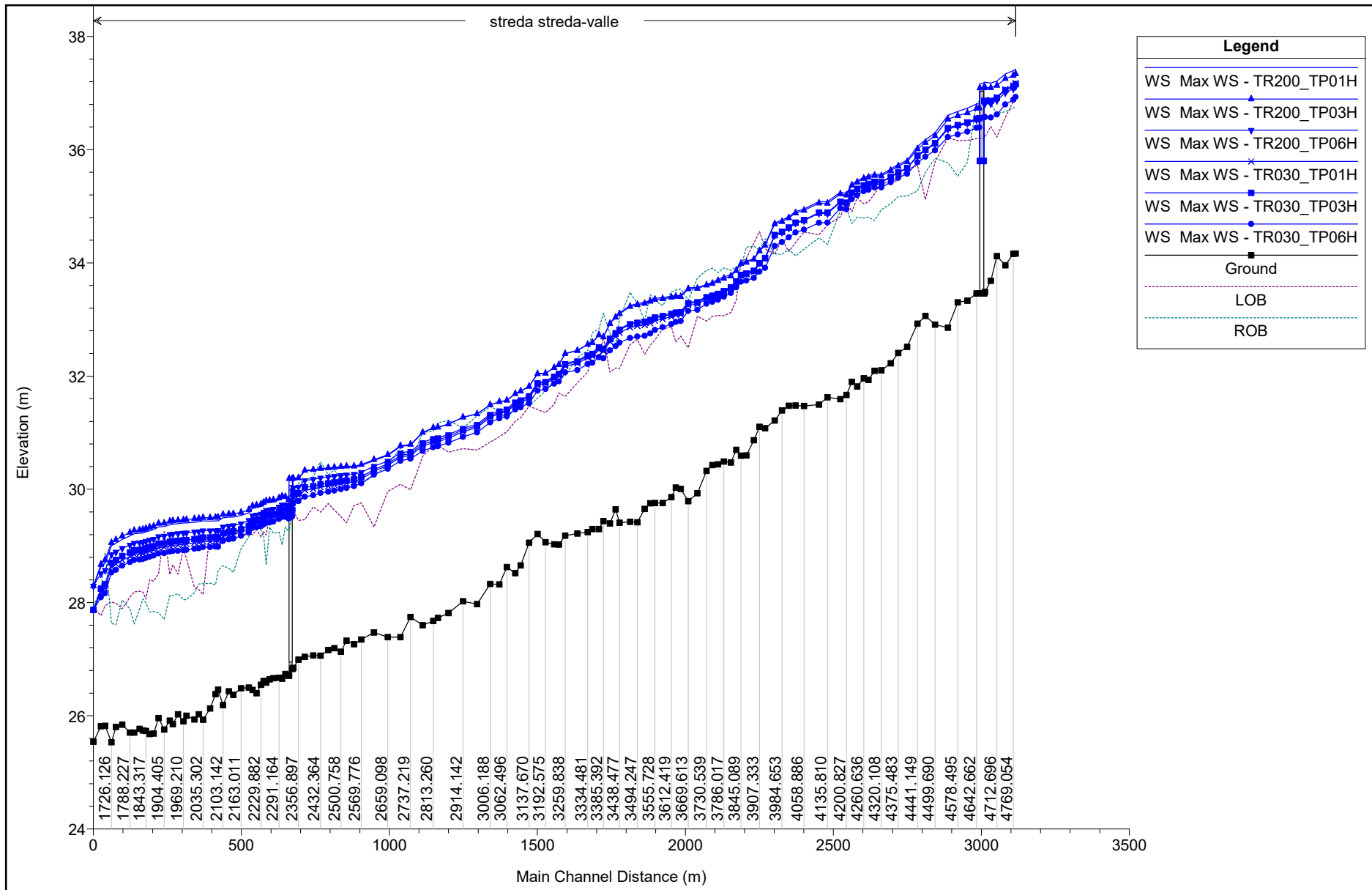
River	Reach	River Sta	Profile	Plan	Q Total (m ³ /s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m ²)	Top Width (m)	Froude # Chl
Forretta dalla C	Casa Nuova	122	Max WS	TR030_TP06H	2.84	39.44	41.16		41.22	0.006423	1.09	2.61	3.38	0.40
Forretta dalla C	Casa Nuova	122	Max WS	TR030_TP03H	3.23	39.44	41.36		41.41	0.004277	0.99	3.27	3.38	0.32
Forretta dalla C	Casa Nuova	122	Max WS	TR030_TP01H	4.56	39.44	41.64		41.70	0.004168	1.08	4.20	3.38	0.31
Forretta dalla C	Casa Nuova	121.5												
Forretta dalla C	Casa Nuova	121	Max WS	TR200_TP01H	5.33	39.44	41.72		41.79	0.004546	1.17	4.58	3.49	0.32
Forretta dalla C	Casa Nuova	121	Max WS	TR200_TP03H	3.79	39.44	41.32		41.40	0.006509	1.19	3.18	3.49	0.40
Forretta dalla C	Casa Nuova	121	Max WS	TR200_TP06H	2.88	39.44	41.10		41.17	0.008607	1.20	2.40	3.49	0.46
Forretta dalla C	Casa Nuova	121	Max WS	TR030_TP06H	2.84	39.44	40.82		40.94	0.003980	1.51	1.88	2.84	0.42
Forretta dalla C	Casa Nuova	121	Max WS	TR030_TP03H	3.23	39.44	41.13		41.22	0.009535	1.29	2.51	3.49	0.48
Forretta dalla C	Casa Nuova	121	Max WS	TR030_TP01H	4.56	39.44	41.53		41.60	0.005197	1.17	3.91	3.49	0.35
Forretta dalla C	Casa Nuova	120.99												
Forretta dalla C	Casa Nuova	120.98												
Forretta dalla C	Casa Nuova	120.87	Max WS	TR200_TP01H	8.58	39.35	41.57		41.67	0.004392	1.42	6.05	4.09	0.37
Forretta dalla C	Casa Nuova	120.87	Max WS	TR200_TP03H	6.05	39.35	41.17		41.26	0.005727	1.37	4.41	4.09	0.42
Forretta dalla C	Casa Nuova	120.87	Max WS	TR200_TP06H	4.47	39.35	40.93		41.01	0.006853	1.30	3.43	4.09	0.45
Forretta dalla C	Casa Nuova	120.87	Max WS	TR030_TP06H	3.83	39.35	40.70		40.81	0.009660	1.51	2.54	3.06	0.53
Forretta dalla C	Casa Nuova	120.87	Max WS	TR030_TP03H	4.84	39.35	40.99		41.08	0.006357	1.31	3.69	4.09	0.44
Forretta dalla C	Casa Nuova	120.87	Max WS	TR030_TP01H	7.40	39.35	41.37		41.47	0.005062	1.42	5.24	4.09	0.40
Forretta dalla C	Casa Nuova	120.666	Max WS	TR200_TP01H	11.93	39.22	41.35		41.50	0.007441	1.76	6.79	5.32	0.50
Forretta dalla C	Casa Nuova	120.666	Max WS	TR200_TP03H	7.69	39.22	41.00		41.12	0.007902	1.56	4.93	5.32	0.52
Forretta dalla C	Casa Nuova	120.666	Max WS	TR200_TP06H	5.27	39.22	40.80		40.89	0.007666	1.36	3.87	5.29	0.51
Forretta dalla C	Casa Nuova	120.666	Max WS	TR030_TP06H	3.92	39.22	40.58		40.68	0.009795	1.39	2.82	4.51	0.56
Forretta dalla C	Casa Nuova	120.666	Max WS	TR030_TP03H	5.86	39.22	40.85		40.95	0.007626	1.41	4.16	5.32	0.51
Forretta dalla C	Casa Nuova	120.666	Max WS	TR030_TP01H	9.88	39.22	41.17		41.31	0.007924	1.69	5.84	5.32	0.52
Forretta dalla C	Casa Nuova	120.333	Max WS	TR200_TP01H	14.09	39.01	41.16		41.32	0.005905	1.75	8.08	6.12	0.49
Forretta dalla C	Casa Nuova	120.333	Max WS	TR200_TP03H	8.33	39.01	40.89		40.97	0.004297	1.31	6.38	6.12	0.41
Forretta dalla C	Casa Nuova	120.333	Max WS	TR200_TP06H	5.57	39.01	40.71		40.76	0.003400	1.05	5.30	5.99	0.36
Forretta dalla C	Casa Nuova	120.333	Max WS	TR030_TP06H	4.19	39.01	40.47		40.52	0.003884	1.05	3.98	4.92	0.37
Forretta dalla C	Casa Nuova	120.333	Max WS	TR030_TP03H	6.22	39.01	40.76		40.82	0.003609	1.11	5.60	6.12	0.37
Forretta dalla C	Casa Nuova	120.333	Max WS	TR030_TP01H	11.08	39.01	41.03		41.15	0.005138	1.53	7.23	6.12	0.45
Forretta dalla C	Casa Nuova	120.04	Max WS	TR200_TP01H	12.40	38.81	41.17		41.24	0.002196	1.15	10.78	7.31	0.30
Forretta dalla C	Casa Nuova	120.04	Max WS	TR200_TP03H	7.33	38.81	40.88		40.92	0.001535	0.85	8.64	7.31	0.25
Forretta dalla C	Casa Nuova	120.04	Max WS	TR200_TP06H	5.23	38.81	40.69		40.72	0.001367	0.72	7.25	7.31	0.23
Forretta dalla C	Casa Nuova	120.04	Max WS	TR030_TP06H	4.19	38.81	40.43		40.46	0.001479	0.75	5.62	5.49	0.23
Forretta dalla C	Casa Nuova	120.04	Max WS	TR030_TP03H	5.72	38.81	40.74		40.77	0.001382	0.75	7.63	7.31	0.23
Forretta dalla C	Casa Nuova	120.04	Max WS	TR030_TP01H	9.50	38.81	41.03		41.08	0.001764	0.98	9.75	7.31	0.27
Forretta dalla C	Casa Nuova	120	Max WS	TR200_TP01H	11.66	38.79	41.15	40.19	41.24	0.003423	1.28	9.17	7.46	0.37
Forretta dalla C	Casa Nuova	120	Max WS	TR200_TP03H	7.03	38.79	40.86	39.83	40.91	0.003007	1.02	6.94	7.46	0.34
Forretta dalla C	Casa Nuova	120	Max WS	TR200_TP06H	5.13	38.79	40.66	39.67	40.70	0.003361	0.94	5.48	7.35	0.35
Forretta dalla C	Casa Nuova	120	Max WS	TR030_TP06H	4.19	38.79	40.38	39.57	40.44	0.001622	1.08	3.88	5.39	0.29
Forretta dalla C	Casa Nuova	120	Max WS	TR030_TP03H	5.57	38.79	40.71	39.71	40.76	0.003196	0.95	5.89	7.46	0.34
Forretta dalla C	Casa Nuova	120	Max WS	TR030_TP01H	8.97	38.79	41.01	39.99	41.08	0.002973	1.11	8.12	7.46	0.34
Forretta dalla C	Casa Nuova	119.5												
Forretta dalla C	Casa Nuova	119	Max WS	TR200_TP01H	11.61	38.63	41.03		41.14	0.004055	1.41	8.32	6.58	0.40
Forretta dalla C	Casa Nuova	119	Max WS	TR200_TP03H	7.03	38.63	40.68		40.75	0.004202	1.19	5.96	6.58	0.39
Forretta dalla C	Casa Nuova	119	Max WS	TR200_TP06H	5.13	38.63	40.47		40.53	0.004119	1.10	4.66	5.62	0.38
Forretta dalla C	Casa Nuova	119	Max WS	TR030_TP06H	4.19	38.63	40.16		40.23	0.001942	1.13	3.70	5.09	0.31
Forretta dalla C	Casa Nuova	119	Max WS	TR030_TP03H	5.57	38.63	40.52		40.59	0.004151	1.12	4.98	5.92	0.38
Forretta dalla C	Casa Nuova	119	Max WS	TR030_TP01H	8.91	38.63	40.85		40.93	0.003918	1.27	7.09	6.58	0.39
Forretta dalla C	Casa Nuova	118.99												
Forretta dalla C	Casa Nuova	118.98												
Forretta dalla C	Casa Nuova	118.63*	Max WS	TR200_TP01H	12.01	38.58	41.01		41.12	0.003897	1.43	8.46	6.23	0.39
Forretta dalla C	Casa Nuova	118.63*	Max WS	TR200_TP03H	7.29	38.58	40.66		40.73	0.003616	1.17	6.27	6.23	0.37
Forretta dalla C	Casa Nuova	118.63*	Max WS	TR200_TP06H	5.25	38.58	40.46		40.51	0.003639	1.05	5.01	5.96	0.36
Forretta dalla C	Casa Nuova	118.63*	Max WS	TR030_TP06H	4.24	38.58	40.15		40.22	0.001953	1.17	3.63	5.10	0.31
Forretta dalla C	Casa Nuova	118.63*	Max WS	TR030_TP03H	5.72	38.58	40.51		40.57	0.003593	1.07	5.35	6.11	0.36
Forretta dalla C	Casa Nuova	118.63*	Max WS	TR030_TP01H	9.30	38.58	40.83		40.91	0.003680	1.29	7.30	6.23	0.38
Forretta dalla C	Casa Nuova	118.25	Max WS	TR200_TP01H	12.53	38.53	40.98		41.10	0.004073	1.50	8.44	5.87	0.40
Forretta dalla C	Casa Nuova	118.25	Max WS	TR200_TP03H	7.55	38.53	40.65		40.72	0.003311	1.17	6.48	5.87	0.35
Forretta dalla C	Casa Nuova	118.25	Max WS	TR200_TP06H	5.39	38.53	40.45		40.50	0.003078	1.02	5.31	5.78	0.33
Forretta dalla C	Casa Nuova	118.25	Max WS	TR030_TP06H	4.33	38.53	40.13		40.21	0.006177	1.20	3.61	5.14	0.46
Forretta dalla C	Casa Nuova	118.25	Max WS	TR030_TP03H	5.89	38.53	40.50		40.56	0.003096	1.05	5.63	5.85	0.34
Forretta dalla C	Casa Nuova	118.25	Max WS	TR030_TP01H	9.69	38.53	40.80		40.89	0.003631	1.32	7.40	5.87	0.37
Forretta dalla C	Casa Nuova	118	Max WS	TR200_TP01H	12.82	38.50	40.96	40.25	41.08	0.004675	1.53	8.38	5.64	0.40
Forretta dalla C	Casa Nuova	118	Max WS	TR200_TP03H	7.70	38.50	40.64	39.67	40.71	0.003407	1.17	6.57	5.64	0.35
Forretta dalla C	Casa Nuova	118	Max WS	TR200_TP06H	5.46	38.50	40.44	39.46	40.49	0.002931	1.00	5.47	5.59	0.32
Forretta dalla C	Casa Nuova	118	Max WS	TR030_TP06H	4.35	38.50	40.13	39.34	40.19	0.005243	1.15	3.79	5.08	0.42
Forretta dalla C	Casa Nuova	118	Max WS	TR030_TP03H	5.98	38.50	40.50	39.51	40.55	0.003000	1.03	5.78	5.64	0.33
Forretta dalla C	Casa Nuova	118	Max WS	TR030_TP01H	9.91	38.50	40.79	40.11	40.88	0.003968	1.34	7.42	5.64	0.37
Forretta dalla C	Casa Nuova	117.5												
Forretta dalla C	Casa Nuova	117	Max WS	TR200_TP01H	12.86	38.41	40.98		41.05	0.002576	1.20	10.70	7.32	0.32
Forretta dalla C	Casa Nuova	117	Max WS	TR200_TP03H	7.70	38.41	40.64		40.69	0.002800	0.93	8.25	7.32	0.28
Forretta dalla C	Casa Nuova	117	Max WS	TR200_TP06H	5.46	38.41	40.44		40.47	0.001822	0.81	6.76	7.22	0.27
Forretta dalla C	Casa Nuova	117	Max WS	TR030_TP06H	4.35	38.41	40.07		40.12	0.004726	1.03	4.20	6.49	0.41
Forretta dalla C	Casa Nuova	117	Max WS	TR030_TP03H	5.98	38.41	40.49		40.53	0.001833	0.83	7.17	7.31	0.27
Forretta dalla C	Casa Nuova	117	Max WS	TR030_TP01H	9.95	38.41	40.80		40.85	0.002265	1.06	9.39	7.32	0.30
Forretta dalla C	Casa Nuova	116.99												
Forretta dalla C	Casa Nuova	116.98												
Forretta dalla C	Casa Nuova	116.94	Max WS	TR200_TP01H	13.56	38.41	40.97		41.02	0.001567	1.04	13.01	7.58	0.25
Forretta dalla C	Casa Nuova	116.94	Max WS	TR200_TP03H	7.97	38.41	40.64		40.67	0.001003	0.76	10.52	7.58	0.21
Forretta dalla C	Casa Nuova	116.94	Max WS	TR200_TP06H	5.58	38.41	40.44		40.46	0.000715	0.62	9.04	6.99	0.17
Forretta dalla C	Casa Nuova	116.94	Max WS	TR030_TP06H	4.39	38.41	40.06		40.09	0.001137	0.68	6.50	6.54	0.22
Forretta dalla C	Casa Nuova	116.94	Max WS	TR030_TP03H	6.13	38.41	40.49		40.52	0.000778	0.65	9.43	7.17	0.18
Forretta dalla C	Casa Nuova	116.94	Max WS	TR030_TP01H	10.40	38.41	40.79		40.83	0.001258	0.89	11.68	7.58	0.23
Forretta dalla C	Casa Nuova	116.5	Max WS	TR200_TP01H	13.54	38.41	40.94		41.00	0.001566	1.03	13.18	8.21	0.26
Forretta dalla C	Casa Nuova	116.5	Max WS	TR200_TP03H	7.71	38.41	40.63		40.65	0.000902	0.72	10.68	7.64	0.20
Forretta dalla C	Casa Nuova	116.5	Max WS	TR200_TP06H	5.38	38.41	40.43		40.45	0.000663	0.58	9.20	7.31	0.17
Forretta dalla C	Casa Nuova	116.5	Max WS	TR030_TP06H	4.42	38.41	40.05		40.07	0.001251	0.68	6.46	6.90	0.23
Forretta dalla														

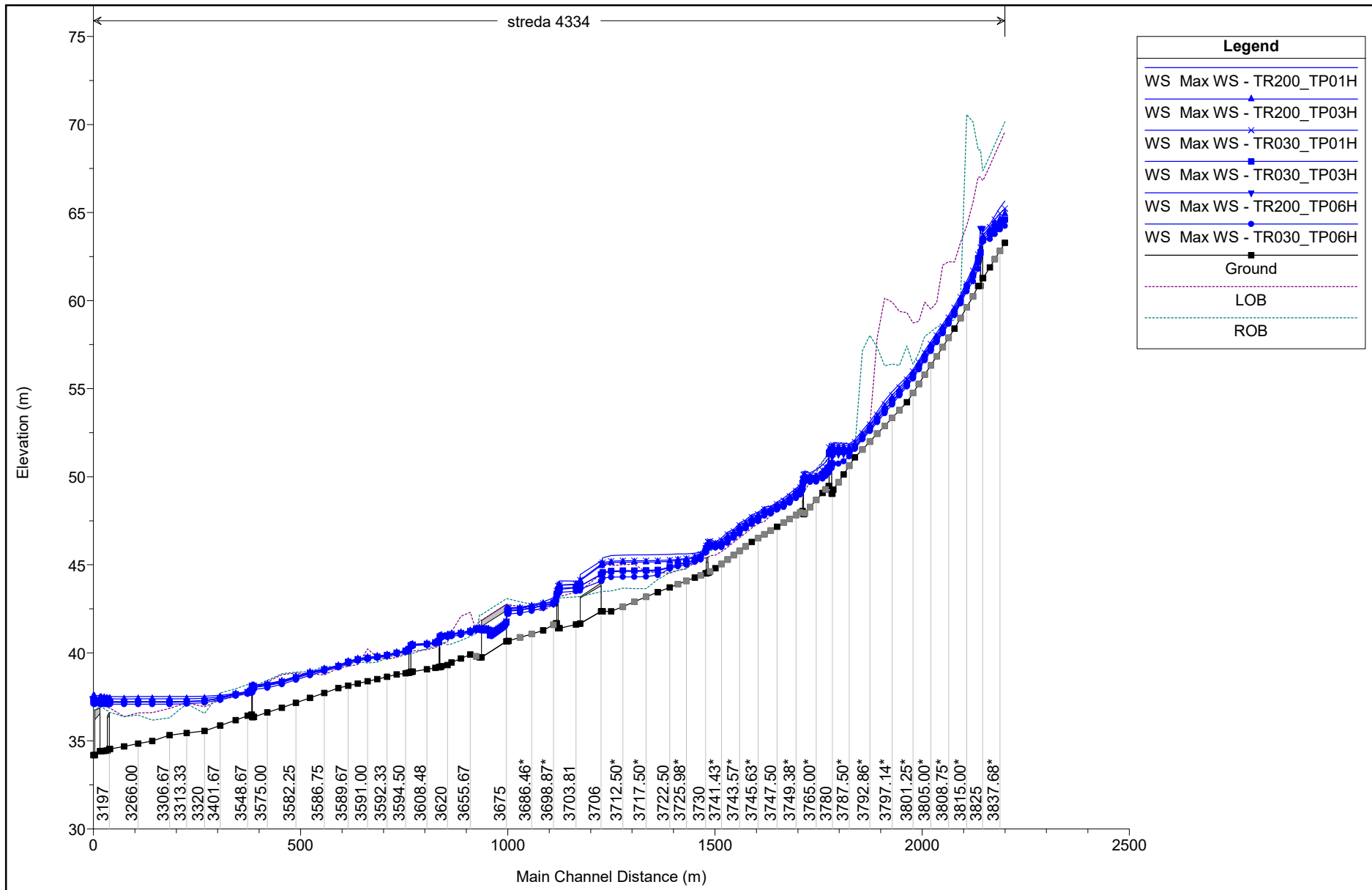
HEC-RAS Profile: Max WS (Continued)

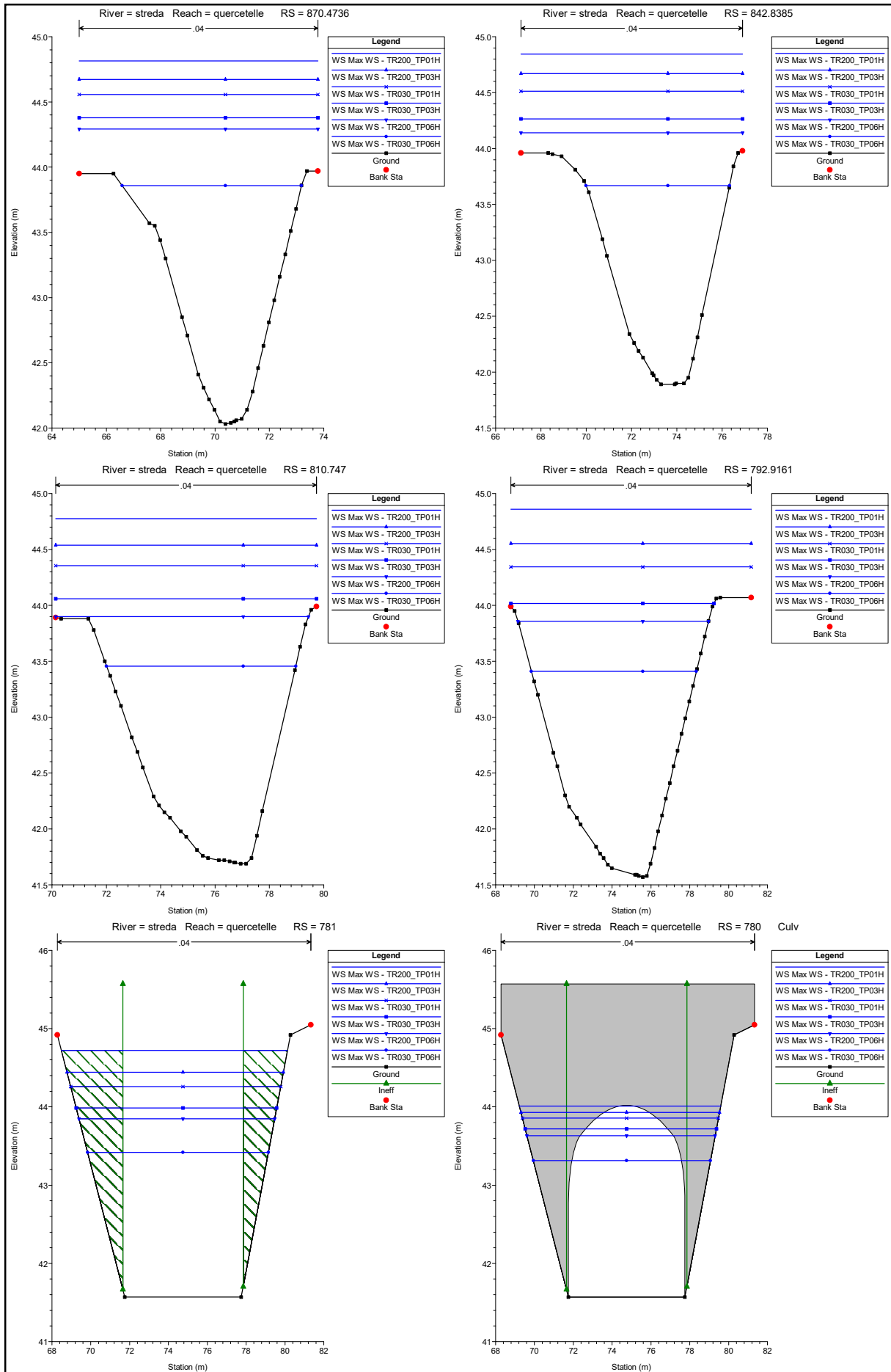
River	Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
					(m ³ /s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m ²)	(m)	
Forretta dalla C	Casa Nuova	116.5	Max WS	TR030_TP01H	10.23	38.41	40.78		40.81	0.001200	0.87	11.83	7.91	0.23
Forretta dalla C	Casa Nuova	116.05	Max WS	TR200_TP01H	9.44	38.41	40.97		40.99	0.000695	0.68	13.95	8.86	0.17
Forretta dalla C	Casa Nuova	116.05	Max WS	TR200_TP03H	5.75	38.41	40.63		40.65	0.000485	0.52	11.06	8.22	0.14
Forretta dalla C	Casa Nuova	116.05	Max WS	TR200_TP06H	4.36	38.41	40.43		40.44	0.000425	0.46	9.43	7.68	0.13
Forretta dalla C	Casa Nuova	116.05	Max WS	TR030_TP06H	4.45	38.41	40.02		40.04	0.001423	0.70	6.35	7.23	0.24
Forretta dalla C	Casa Nuova	116.05	Max WS	TR030_TP03H	4.65	38.41	40.49		40.50	0.000426	0.47	9.88	7.77	0.13
Forretta dalla C	Casa Nuova	116.05	Max WS	TR030_TP01H	7.38	38.41	40.79		40.81	0.000598	0.60	12.37	8.69	0.16
Forretta dalla C	Casa Nuova	116	Max WS	TR200_TP01H	8.32	38.41	40.95	39.60	40.99	0.001770	0.84	9.97	9.43	0.26
Forretta dalla C	Casa Nuova	116	Max WS	TR200_TP03H	5.29	38.41	40.61	39.31	40.64	0.002232	0.78	6.78	8.73	0.28
Forretta dalla C	Casa Nuova	116	Max WS	TR200_TP06H	4.14	38.41	40.39	39.18	40.43	0.003526	0.84	4.95	8.20	0.34
Forretta dalla C	Casa Nuova	116	Max WS	TR030_TP06H	4.46	38.41	39.90	39.21	40.01	0.002642	1.41	3.16	7.63	0.38
Forretta dalla C	Casa Nuova	116	Max WS	TR030_TP03H	4.38	38.41	40.45	39.21	40.49	0.002889	0.80	5.47	8.26	0.31
Forretta dalla C	Casa Nuova	116	Max WS	TR030_TP01H	6.65	38.41	40.77	39.44	40.80	0.002030	0.81	8.22	9.26	0.27
Forretta dalla C	Casa Nuova	115.5												
Forretta dalla C	Casa Nuova	115	Max WS	TR200_TP01H	8.28	38.24	40.74		40.81	0.003599	1.19	6.96	4.19	0.30
Forretta dalla C	Casa Nuova	115	Max WS	TR200_TP03H	5.29	38.24	40.46		40.51	0.002454	0.91	5.80	4.19	0.25
Forretta dalla C	Casa Nuova	115	Max WS	TR200_TP06H	4.14	38.24	40.27		40.30	0.002331	0.83	4.98	4.19	0.24
Forretta dalla C	Casa Nuova	115	Max WS	TR030_TP06H	4.46	38.24	39.77		39.88	0.005490	1.43	3.12	3.64	0.40
Forretta dalla C	Casa Nuova	115	Max WS	TR030_TP03H	4.38	38.24	40.33		40.36	0.002269	0.84	5.23	4.19	0.24
Forretta dalla C	Casa Nuova	115	Max WS	TR030_TP01H	6.58	38.24	40.59		40.65	0.002964	1.04	6.33	4.19	0.27
Forretta dalla C	Casa Nuova	114.99												
Forretta dalla C	Casa Nuova	114.98												
Forretta dalla C	Casa Nuova	114.50	Max WS	TR200_TP01H	8.26	38.24	40.73		40.78	0.002197	1.02	8.07	4.27	0.24
Forretta dalla C	Casa Nuova	114.50	Max WS	TR200_TP03H	5.45	38.24	40.45		40.49	0.001479	0.79	6.89	4.27	0.20
Forretta dalla C	Casa Nuova	114.50	Max WS	TR200_TP06H	4.48	38.24	40.25		40.28	0.001443	0.74	6.03	4.27	0.20
Forretta dalla C	Casa Nuova	114.50	Max WS	TR030_TP06H	4.47	38.24	39.77		39.82	0.003590	1.07	4.17	3.64	0.32
Forretta dalla C	Casa Nuova	114.50	Max WS	TR030_TP03H	4.67	38.24	40.31		40.34	0.001396	0.74	6.29	4.27	0.20
Forretta dalla C	Casa Nuova	114.50	Max WS	TR030_TP01H	6.66	38.24	40.58		40.62	0.001794	0.90	7.42	4.27	0.22
Forretta dalla C	Casa Nuova	114.13	Max WS	TR200_TP01H	7.57	38.24	40.73		40.78	0.001833	0.93	8.11	4.32	0.22
Forretta dalla C	Casa Nuova	114.13	Max WS	TR200_TP03H	5.21	38.24	40.45		40.48	0.001362	0.76	6.88	4.32	0.19
Forretta dalla C	Casa Nuova	114.13	Max WS	TR200_TP06H	4.55	38.24	40.24		40.27	0.001536	0.76	5.99	4.32	0.21
Forretta dalla C	Casa Nuova	114.13	Max WS	TR030_TP06H	4.47	38.24	39.74		39.80	0.003836	1.10	4.08	3.64	0.33
Forretta dalla C	Casa Nuova	114.13	Max WS	TR030_TP03H	4.66	38.24	40.31		40.33	0.001420	0.74	6.26	4.32	0.20
Forretta dalla C	Casa Nuova	114.13	Max WS	TR030_TP01H	6.22	38.24	40.58		40.62	0.001564	0.84	7.44	4.32	0.20
Forretta dalla C	Casa Nuova	114	Max WS	TR200_TP01H	7.32	38.24	40.73	39.35	40.78	0.001715	0.90	8.12	4.34	0.21
Forretta dalla C	Casa Nuova	114	Max WS	TR200_TP03H	5.11	38.24	40.45	39.18	40.48	0.001321	0.74	6.88	4.34	0.19
Forretta dalla C	Casa Nuova	114	Max WS	TR200_TP06H	4.55	38.24	40.24	39.14	40.27	0.001563	0.76	5.97	4.34	0.21
Forretta dalla C	Casa Nuova	114	Max WS	TR030_TP06H	4.47	38.24	39.73	39.14	39.79	0.003928	1.11	4.05	3.63	0.33
Forretta dalla C	Casa Nuova	114	Max WS	TR030_TP03H	4.63	38.24	40.30	39.14	40.33	0.001422	0.74	6.25	4.34	0.20
Forretta dalla C	Casa Nuova	114	Max WS	TR030_TP01H	6.05	38.24	40.58	39.26	40.61	0.001488	0.81	7.44	4.34	0.20
Forretta dalla C	Casa Nuova	113.5												
Forretta dalla C	Casa Nuova	113	Max WS	TR200_TP01H	7.29	38.24	40.66		40.70	0.001274	0.83	8.80	4.81	0.20
Forretta dalla C	Casa Nuova	113	Max WS	TR200_TP03H	5.11	38.24	40.38		40.40	0.001005	0.69	7.41	4.81	0.18
Forretta dalla C	Casa Nuova	113	Max WS	TR200_TP06H	4.55	38.24	40.16		40.18	0.001230	0.72	6.36	4.81	0.20
Forretta dalla C	Casa Nuova	113	Max WS	TR030_TP06H	4.47	38.24	39.68		39.74	0.004072	1.09	4.10	4.42	0.36
Forretta dalla C	Casa Nuova	113	Max WS	TR030_TP03H	4.63	38.24	40.22		40.25	0.001109	0.69	6.68	4.81	0.19
Forretta dalla C	Casa Nuova	113	Max WS	TR030_TP01H	5.99	38.24	40.51		40.54	0.001102	0.75	8.04	4.81	0.18
Forretta dalla C	Casa Nuova	112.99												
Forretta dalla C	Casa Nuova	112.98												
Forretta dalla C	Casa Nuova	112.93	Max WS	TR200_TP01H	8.06	38.20	40.64		40.68	0.001386	0.88	9.19	5.16	0.21
Forretta dalla C	Casa Nuova	112.93	Max WS	TR200_TP03H	5.80	38.20	40.36		40.39	0.001173	0.75	7.71	5.16	0.20
Forretta dalla C	Casa Nuova	112.93	Max WS	TR200_TP06H	4.92	38.20	40.14		40.17	0.001311	0.75	6.60	5.13	0.21
Forretta dalla C	Casa Nuova	112.93	Max WS	TR030_TP06H	4.47	38.20	39.65		39.71	0.003955	1.08	4.16	4.58	0.36
Forretta dalla C	Casa Nuova	112.93	Max WS	TR030_TP03H	5.13	38.20	40.21		40.23	0.001241	0.74	6.93	5.15	0.20
Forretta dalla C	Casa Nuova	112.93	Max WS	TR030_TP01H	6.75	38.20	40.49		40.52	0.001257	0.81	8.38	5.16	0.20
Forretta dalla C	Casa Nuova	112.8	Max WS	TR200_TP01H	9.38	38.10	40.60		40.65	0.001906	0.98	9.54	5.66	0.24
Forretta dalla C	Casa Nuova	112.8	Max WS	TR200_TP03H	6.61	38.10	40.32		40.36	0.001578	0.83	7.99	5.66	0.22
Forretta dalla C	Casa Nuova	112.8	Max WS	TR200_TP06H	5.23	38.10	40.12		40.15	0.001456	0.76	6.87	5.31	0.21
Forretta dalla C	Casa Nuova	112.8	Max WS	TR030_TP06H	4.47	38.10	39.59		39.65	0.004232	1.08	4.14	4.54	0.36
Forretta dalla C	Casa Nuova	112.8	Max WS	TR030_TP03H	5.58	38.10	40.18		40.21	0.001451	0.78	7.19	5.32	0.21
Forretta dalla C	Casa Nuova	112.8	Max WS	TR030_TP01H	7.82	38.10	40.45		40.49	0.001737	0.90	8.69	5.66	0.23
Forretta dalla C	Casa Nuova	112.52	Max WS	TR200_TP01H	10.90	37.91	40.51		40.57	0.002246	1.09	10.02	5.77	0.26
Forretta dalla C	Casa Nuova	112.52	Max WS	TR200_TP03H	7.41	37.91	40.27		40.30	0.001601	0.86	8.62	5.77	0.22
Forretta dalla C	Casa Nuova	112.52	Max WS	TR200_TP06H	5.45	37.91	40.08		40.11	0.001149	0.72	7.60	5.28	0.19
Forretta dalla C	Casa Nuova	112.52	Max WS	TR030_TP06H	4.47	37.91	39.50		39.55	0.003203	0.98	4.56	4.72	0.32
Forretta dalla C	Casa Nuova	112.52	Max WS	TR030_TP03H	5.95	37.91	40.14		40.17	0.001227	0.75	7.90	5.29	0.20
Forretta dalla C	Casa Nuova	112.52	Max WS	TR030_TP01H	8.99	37.91	40.37		40.42	0.001935	0.97	9.24	5.77	0.25
Forretta dalla C	Casa Nuova	112.28	Max WS	TR200_TP01H	12.39	37.75	40.41		40.48	0.002457	1.18	10.48	6.00	0.29
Forretta dalla C	Casa Nuova	112.28	Max WS	TR200_TP03H	7.81	37.75	40.22		40.26	0.001358	0.84	9.34	6.00	0.21
Forretta dalla C	Casa Nuova	112.28	Max WS	TR200_TP06H	5.56	37.75	40.05		40.07	0.000959	0.67	8.33	6.00	0.18
Forretta dalla C	Casa Nuova	112.28	Max WS	TR030_TP06H	4.48	37.75	39.42		39.46	0.002218	0.89	5.01	4.46	0.27
Forretta dalla C	Casa Nuova	112.28	Max WS	TR030_TP03H	6.13	37.75	40.11		40.13	0.001046	0.71	8.65	6.00	0.19
Forretta dalla C	Casa Nuova	112.28	Max WS	TR030_TP01H	9.73	37.75	40.31		40.36	0.001799	0.99	9.87	6.00	0.25
Forretta dalla C	Casa Nuova	112.02	Max WS	TR200_TP01H	7.22	37.57	40.44		40.46	0.000637	0.58	12.38	7.74	0.15
Forretta dalla C	C													

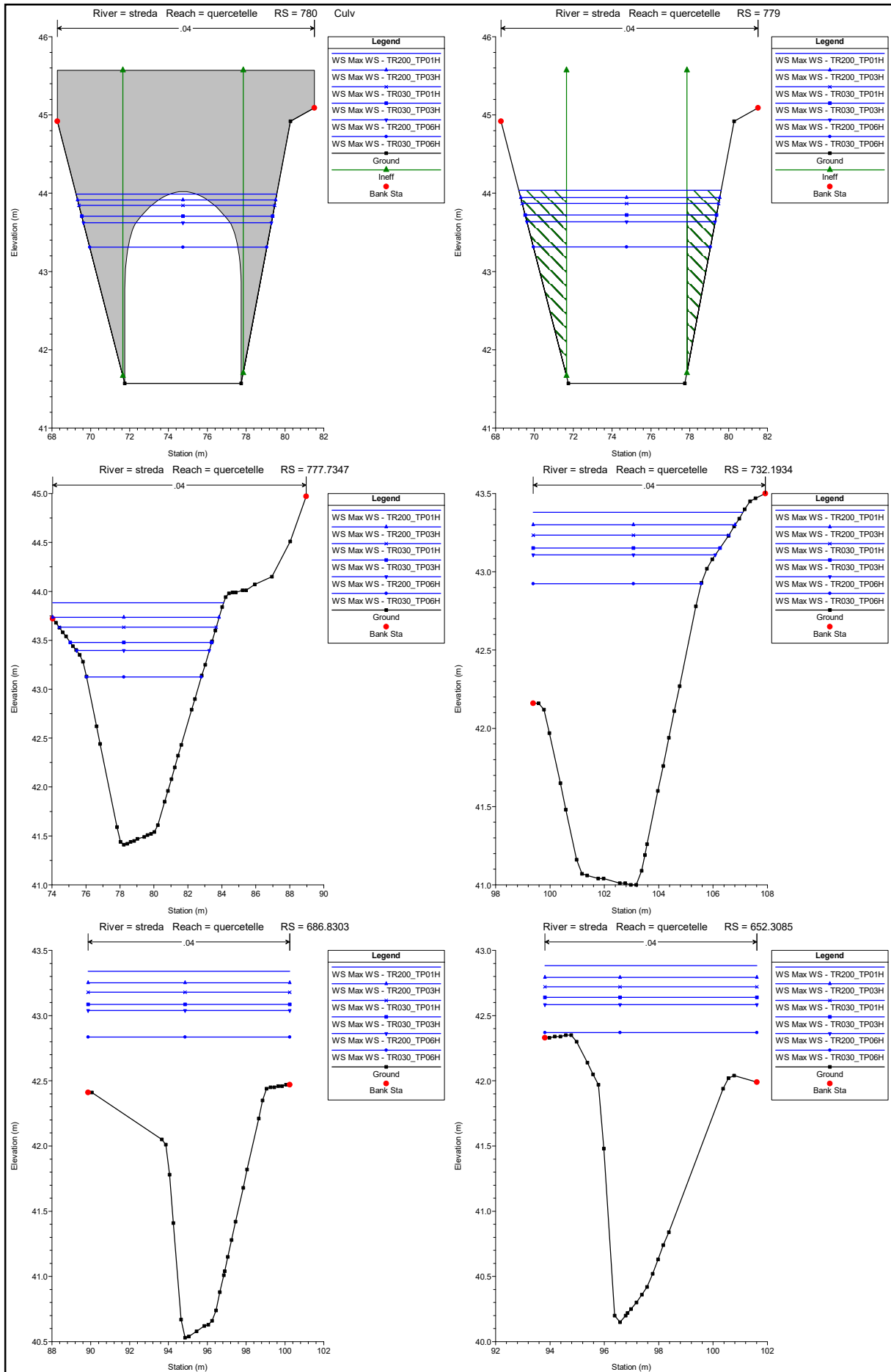


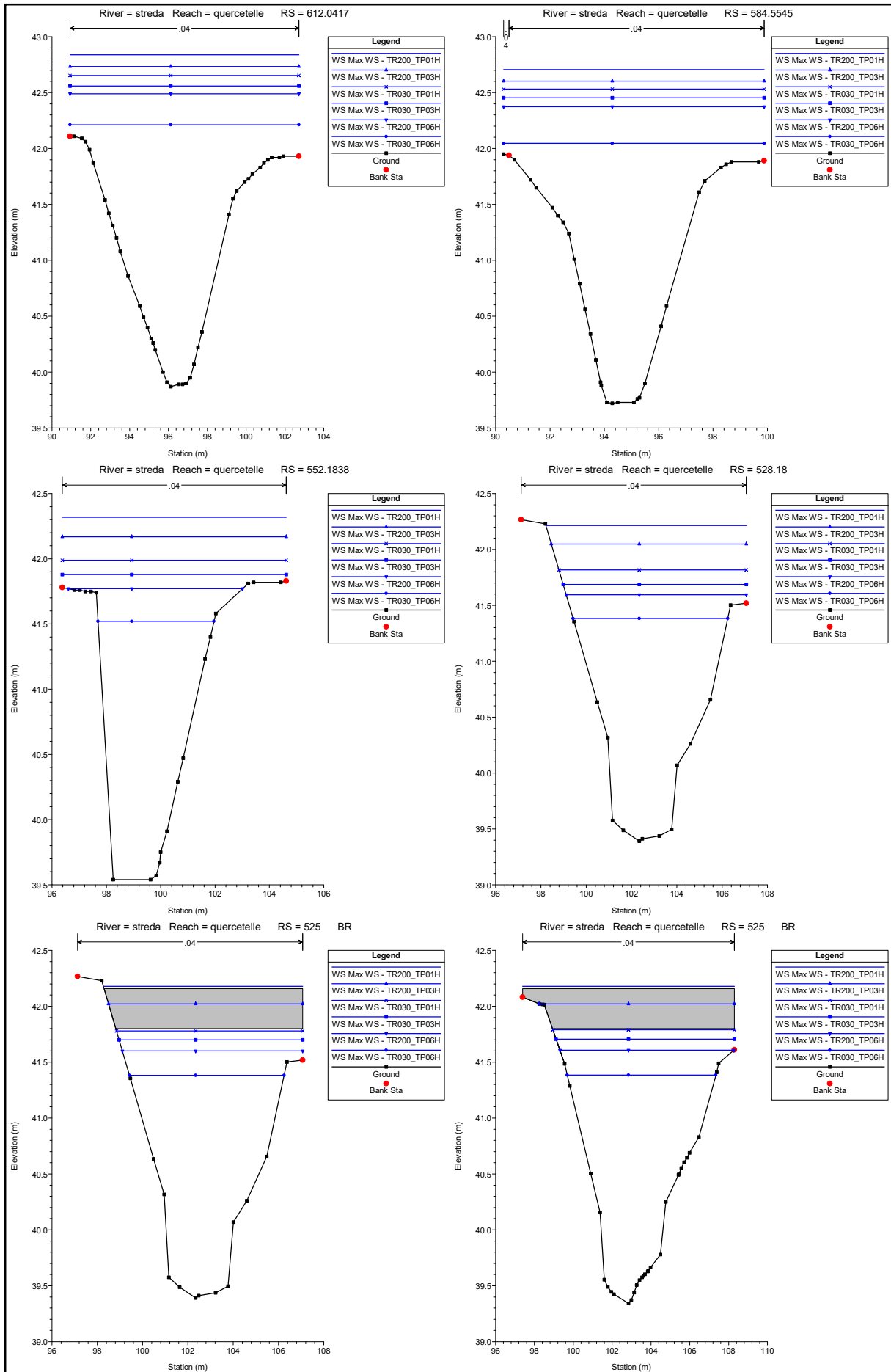


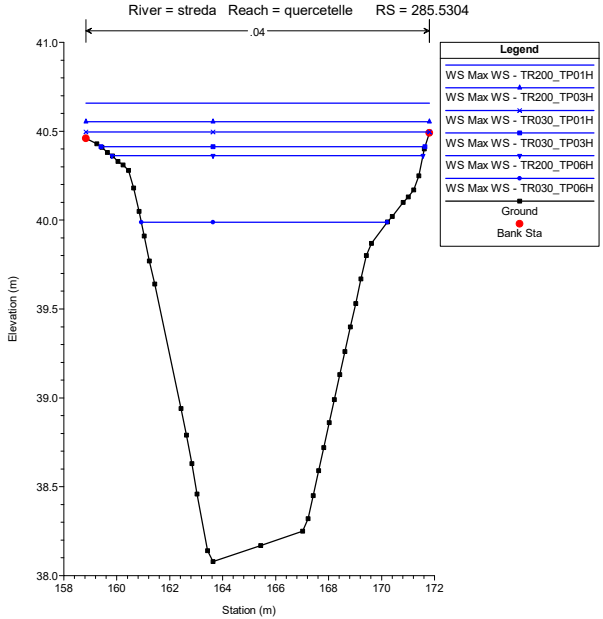
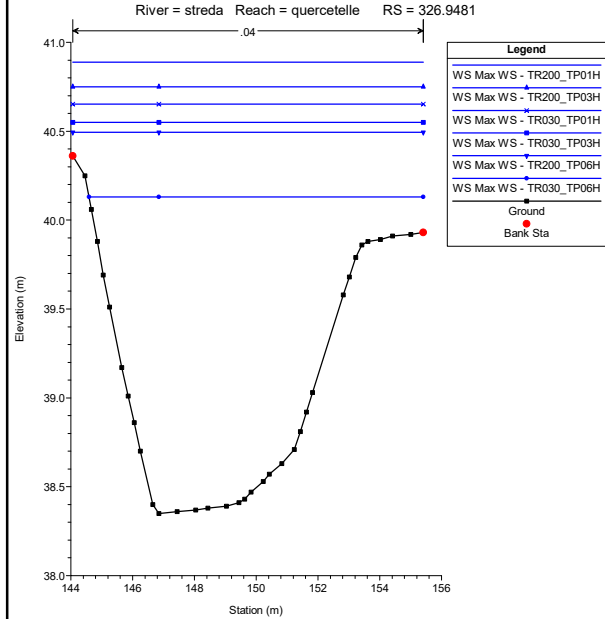
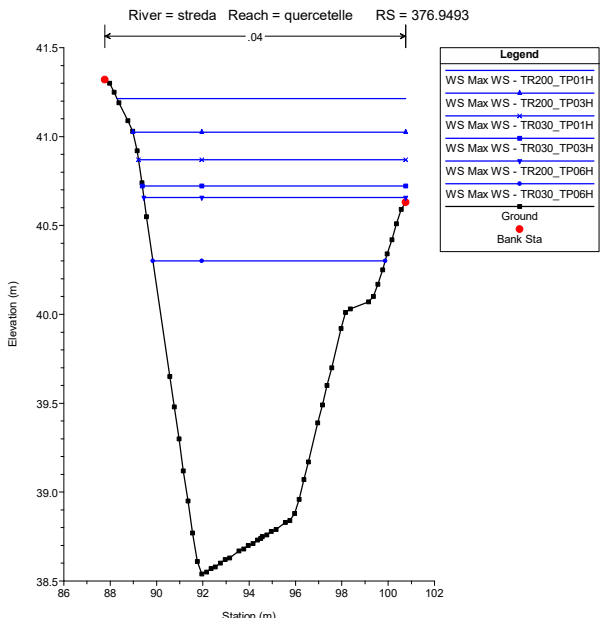
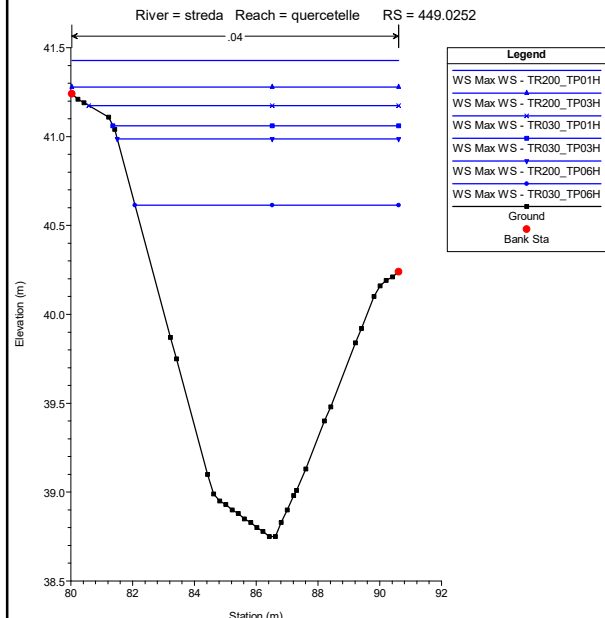
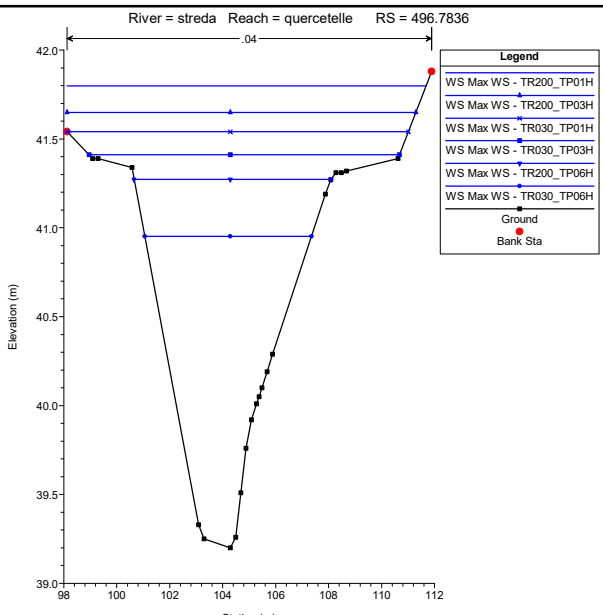
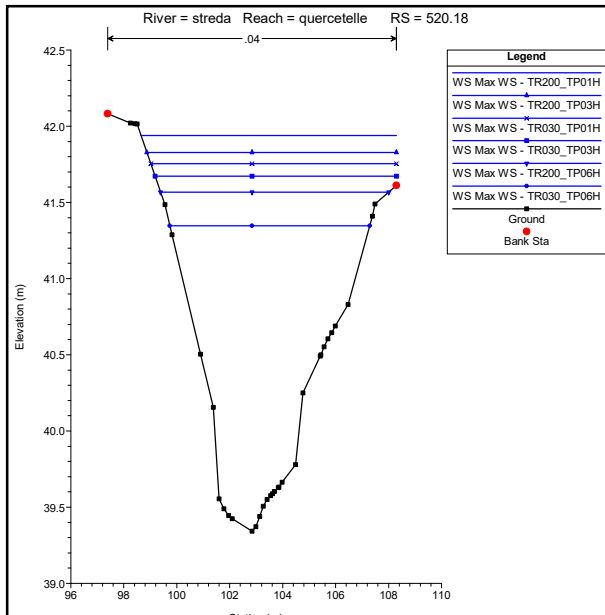


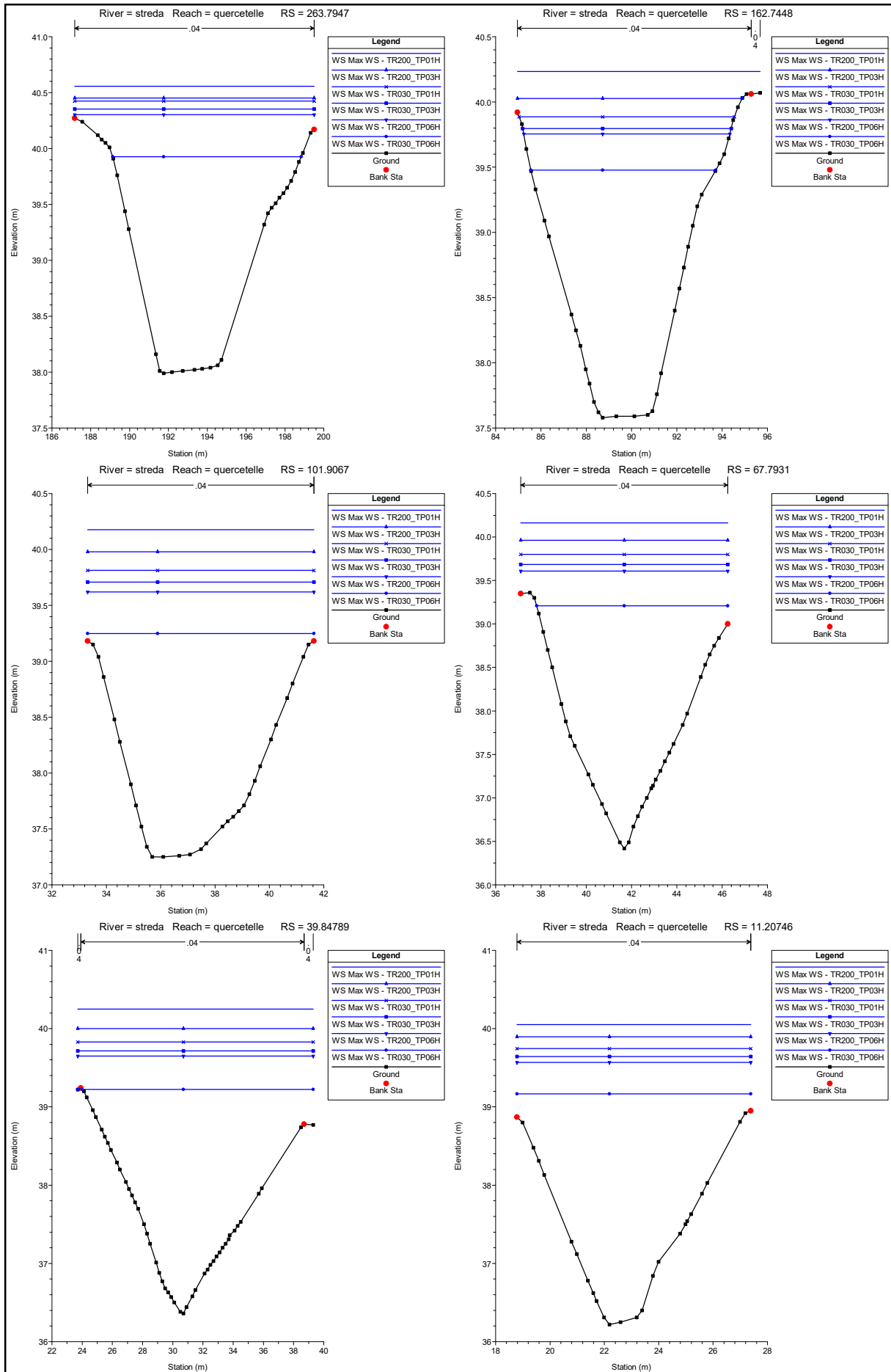


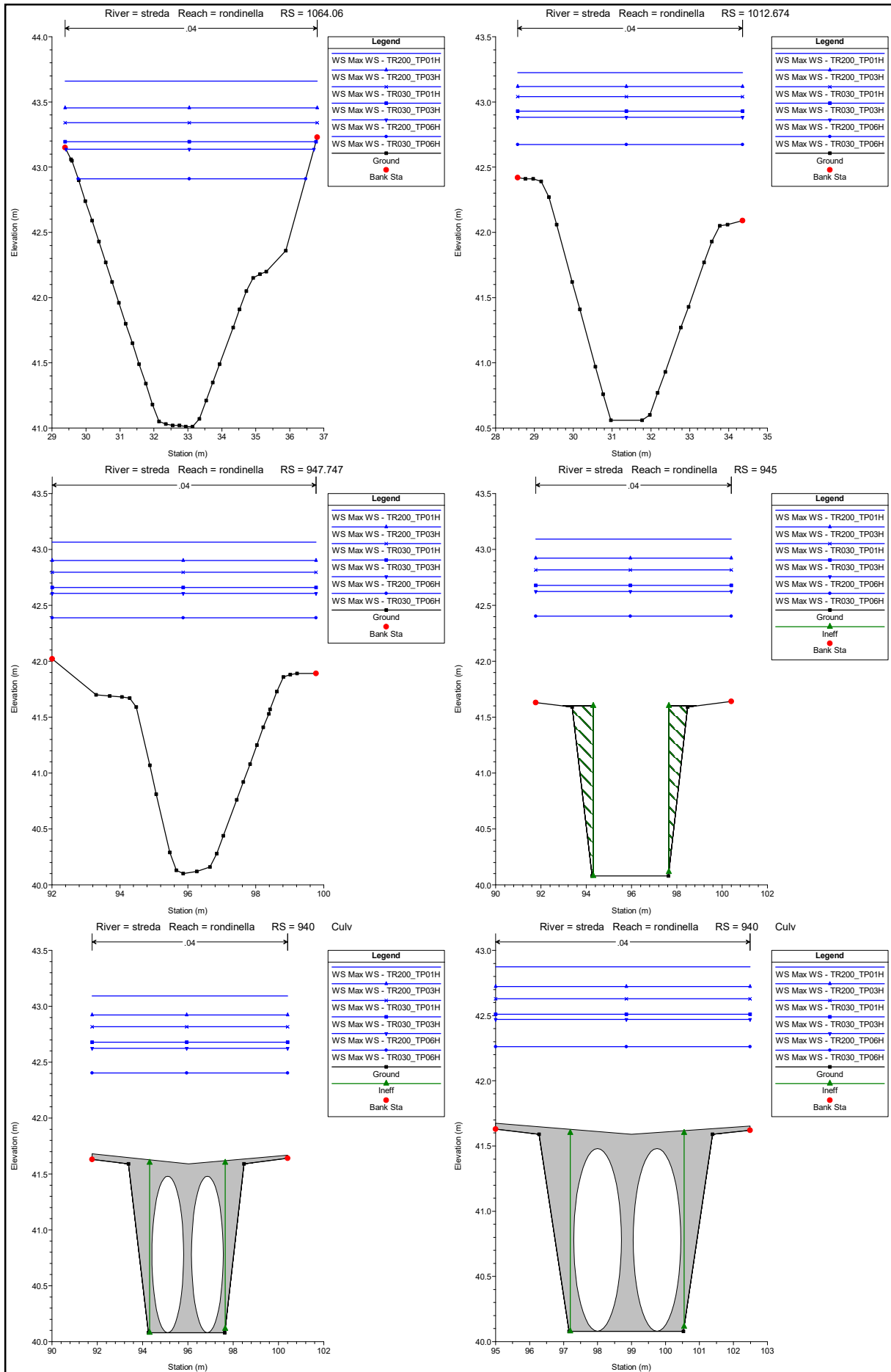


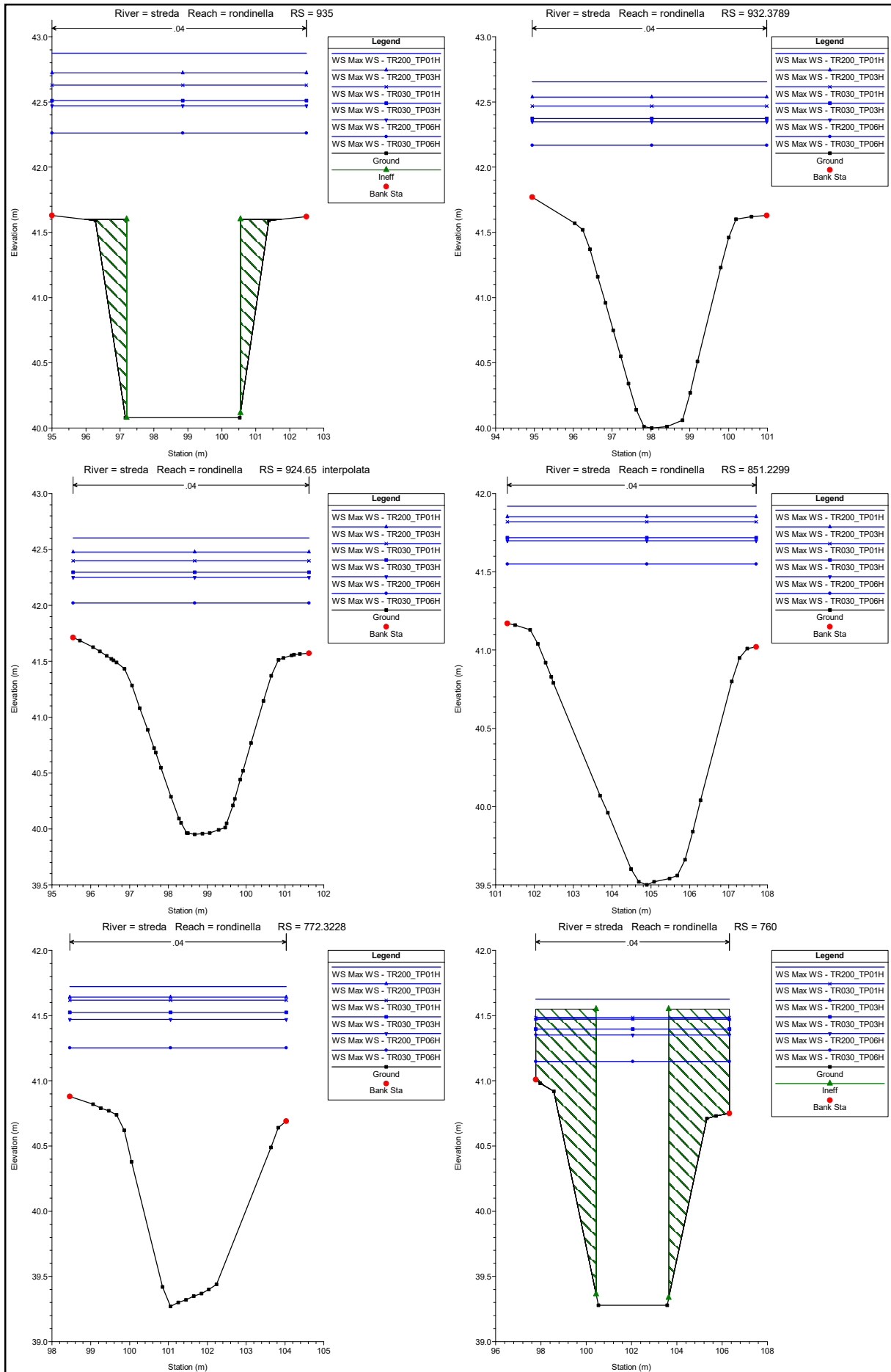


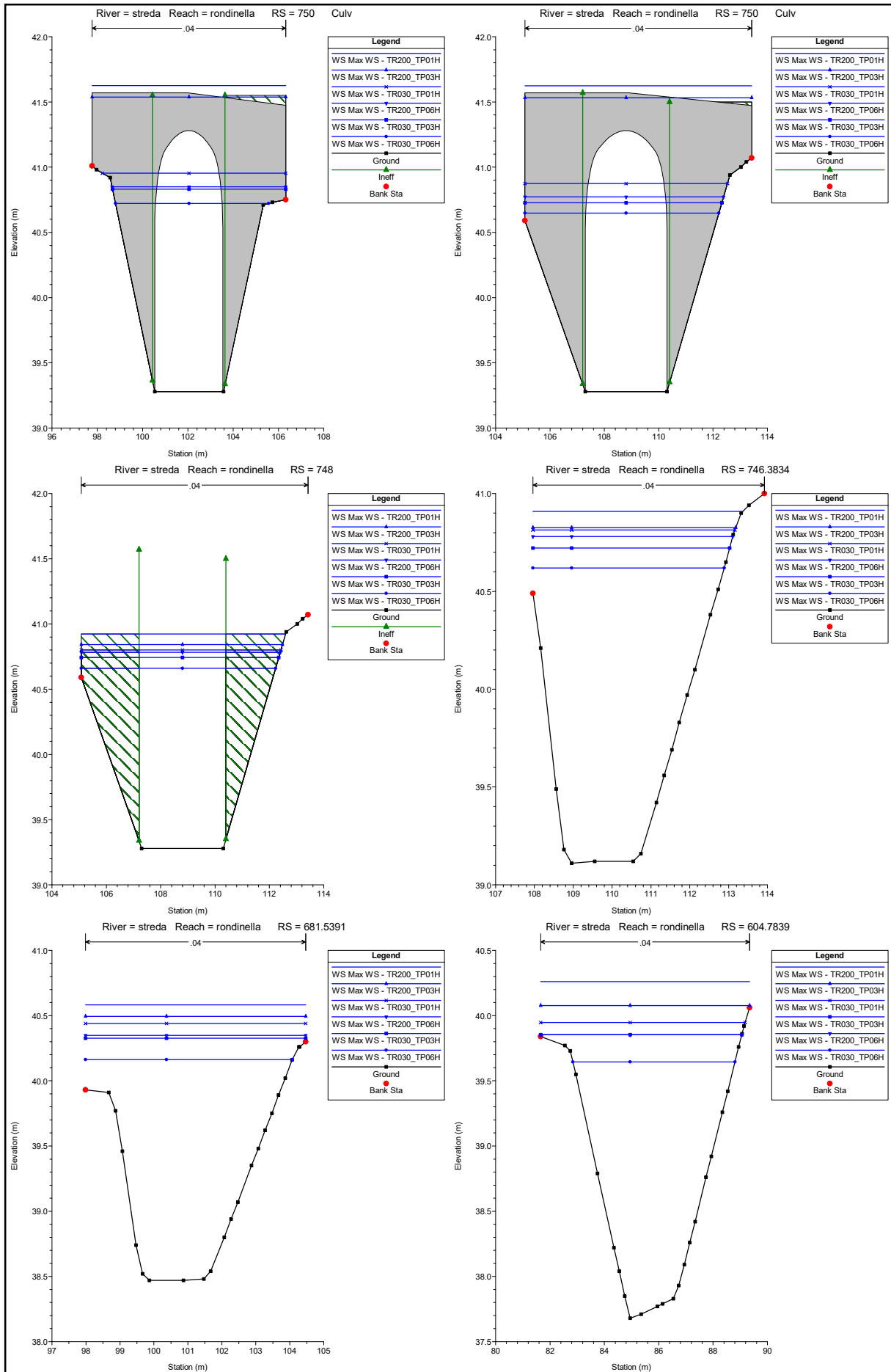


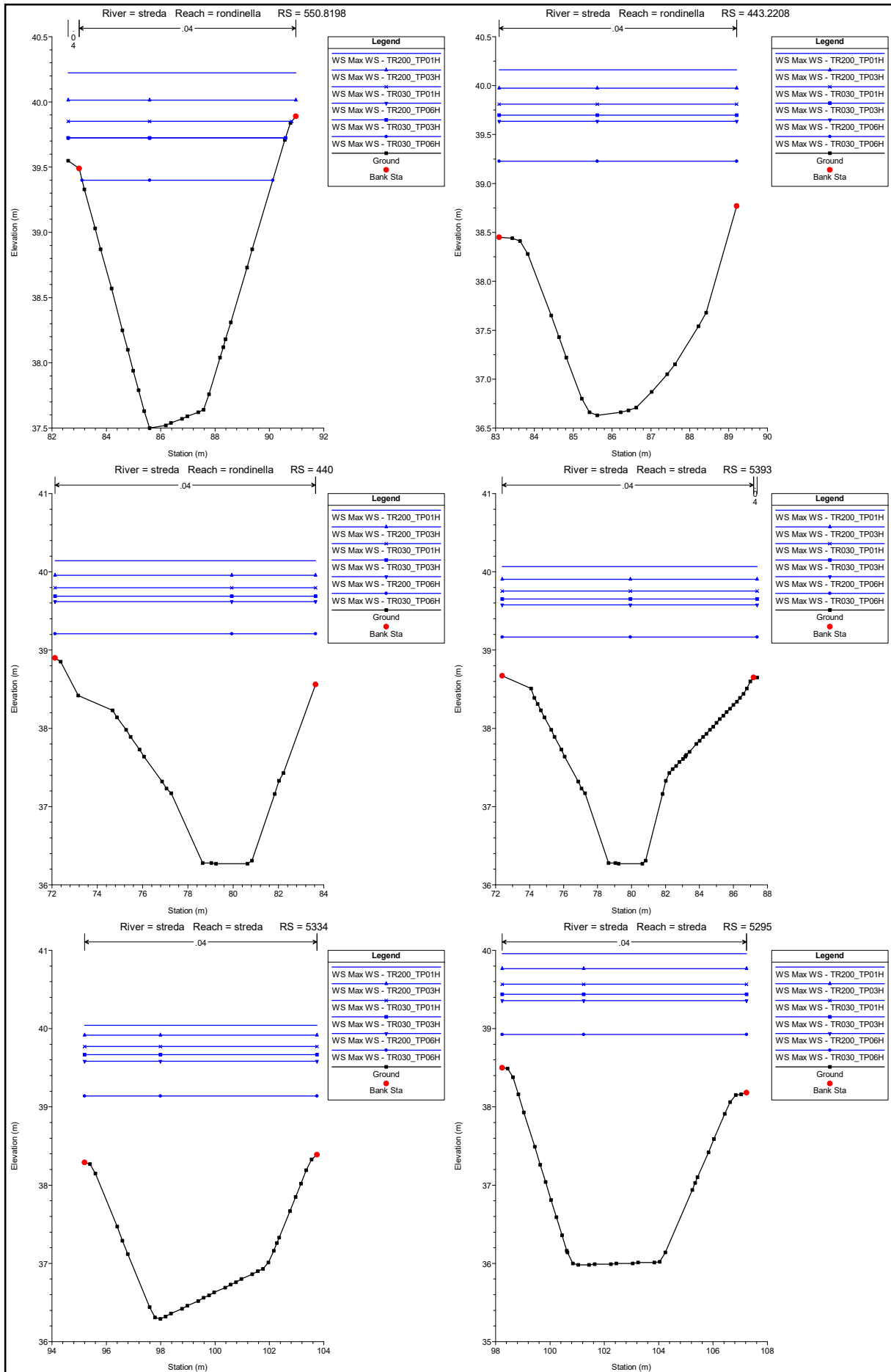


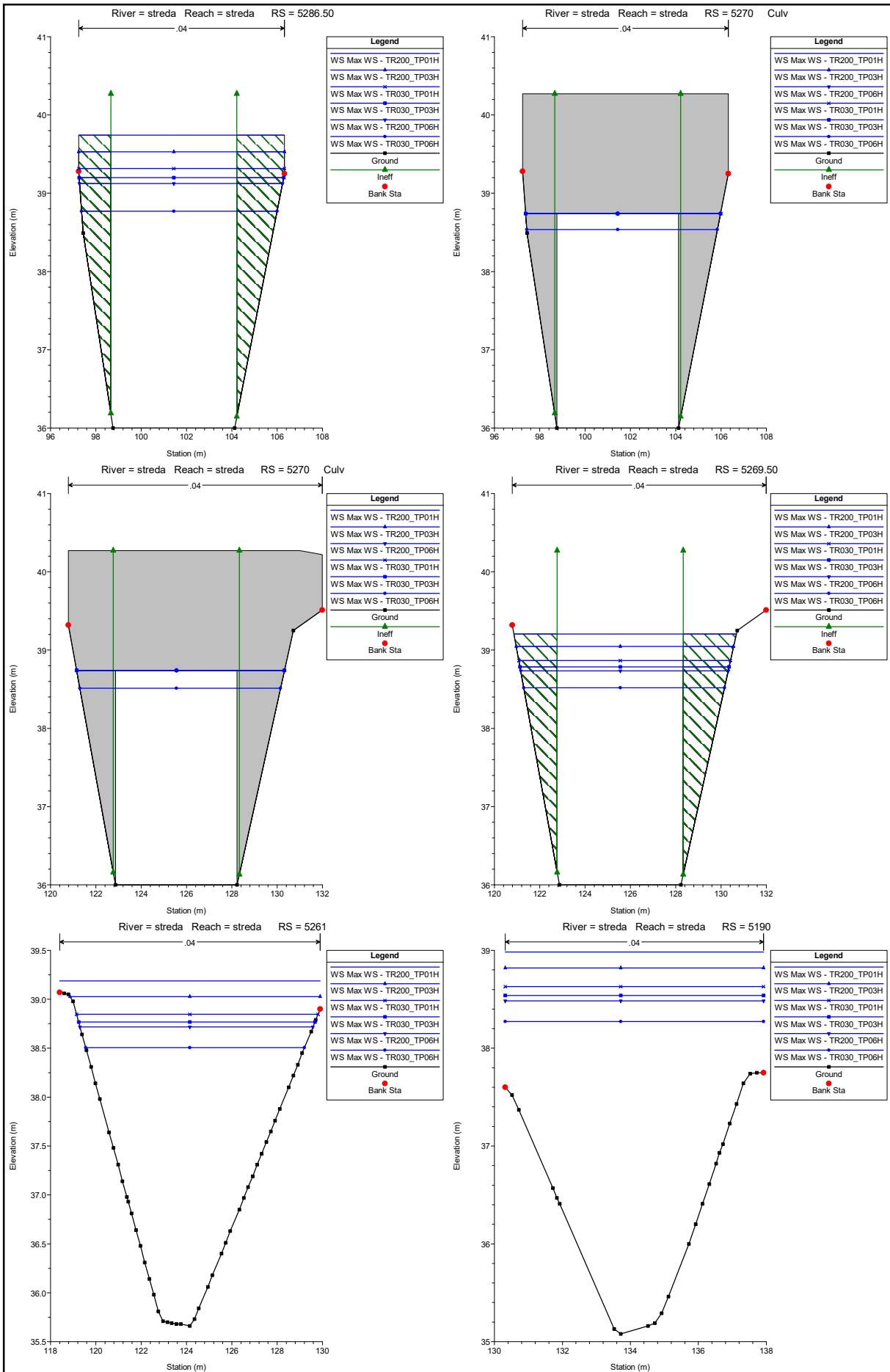


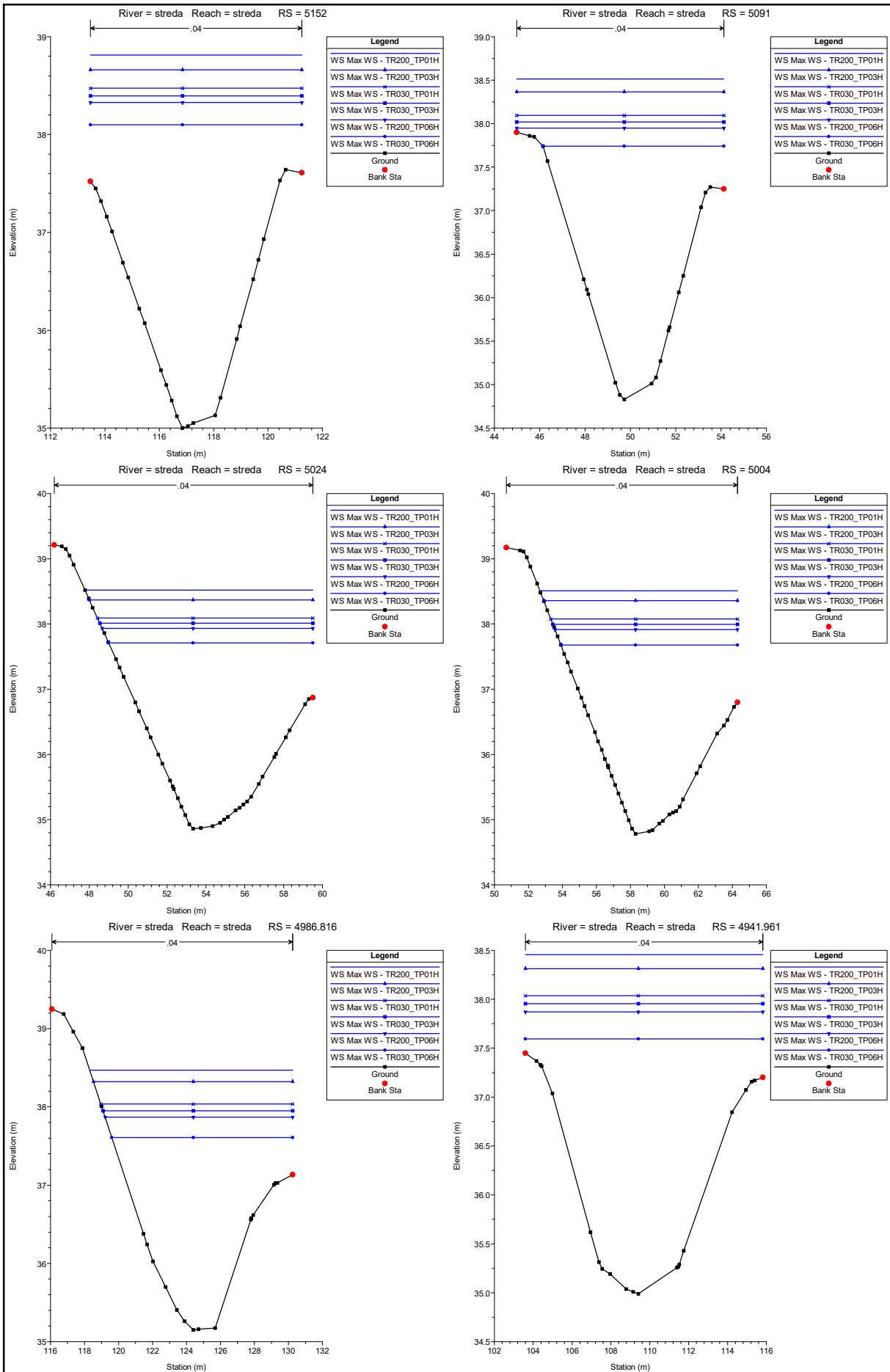


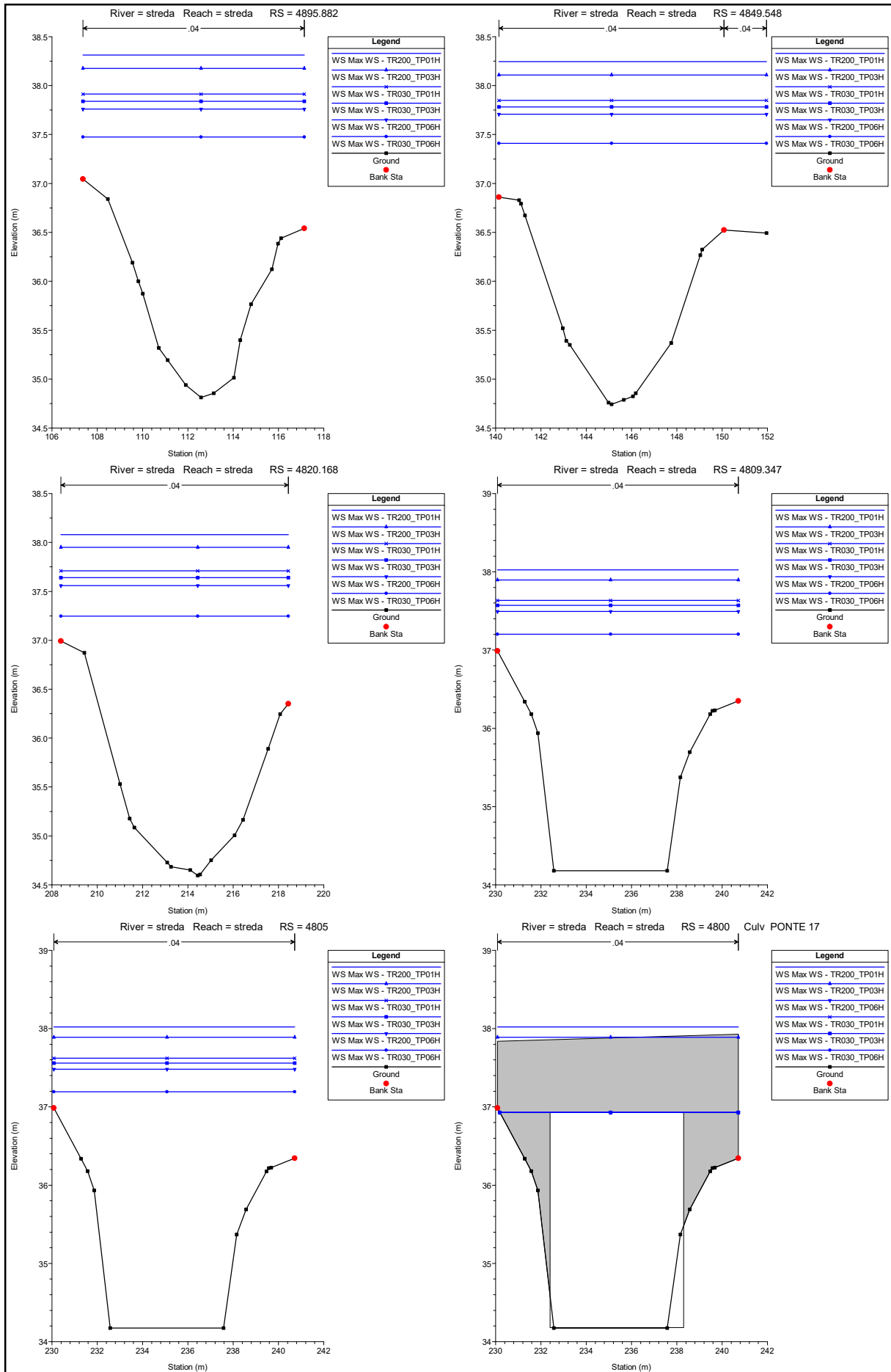


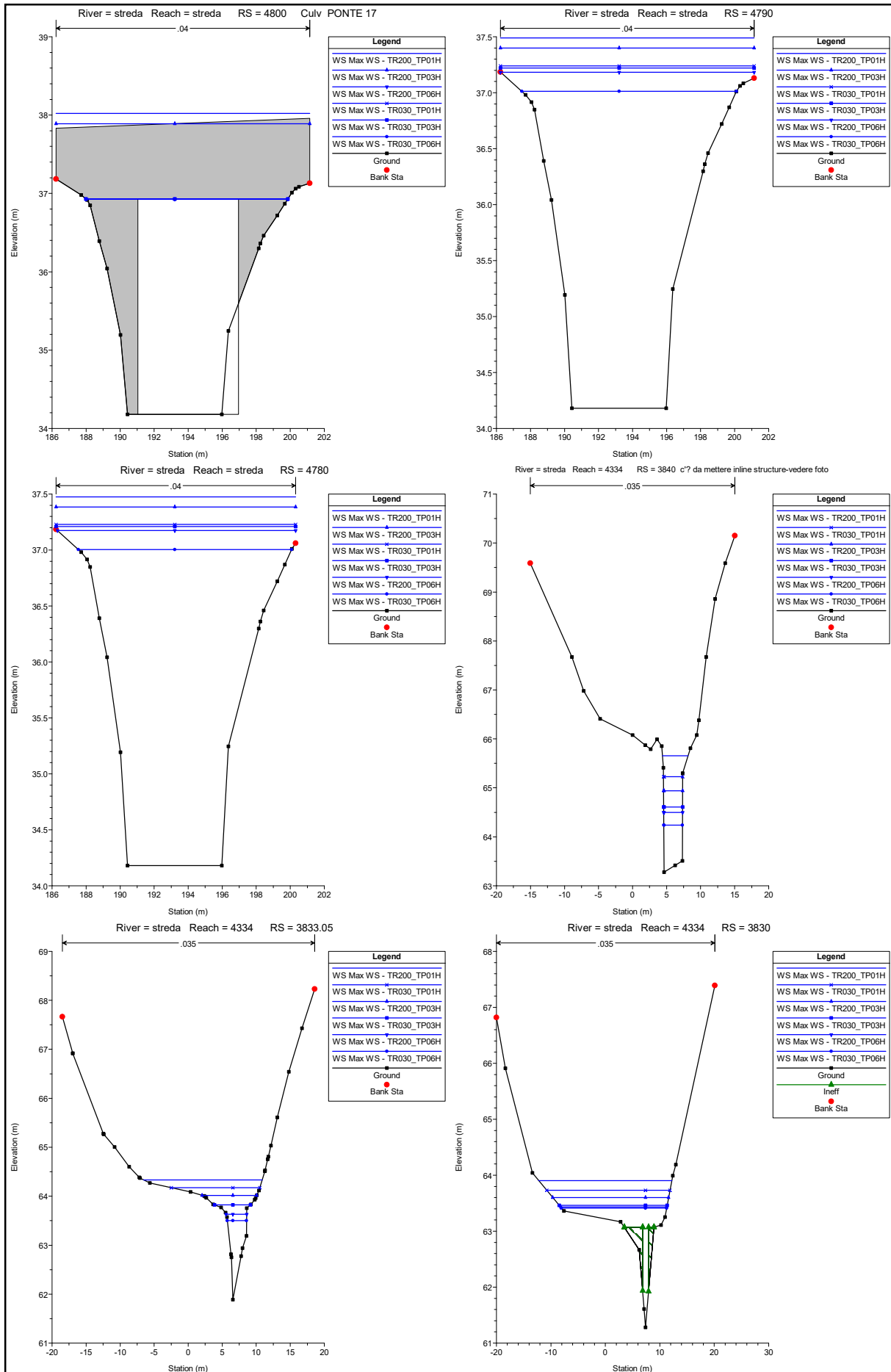


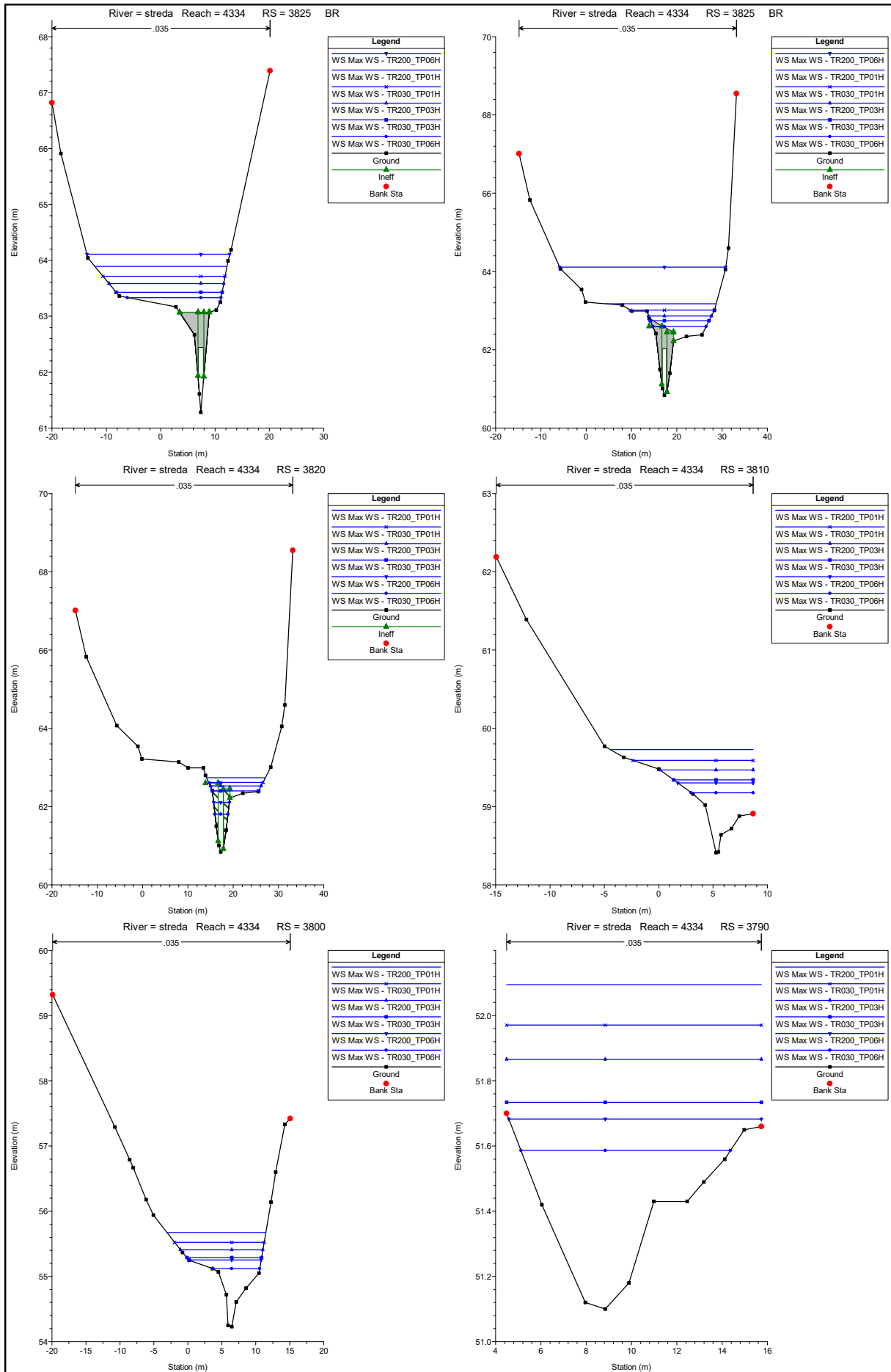


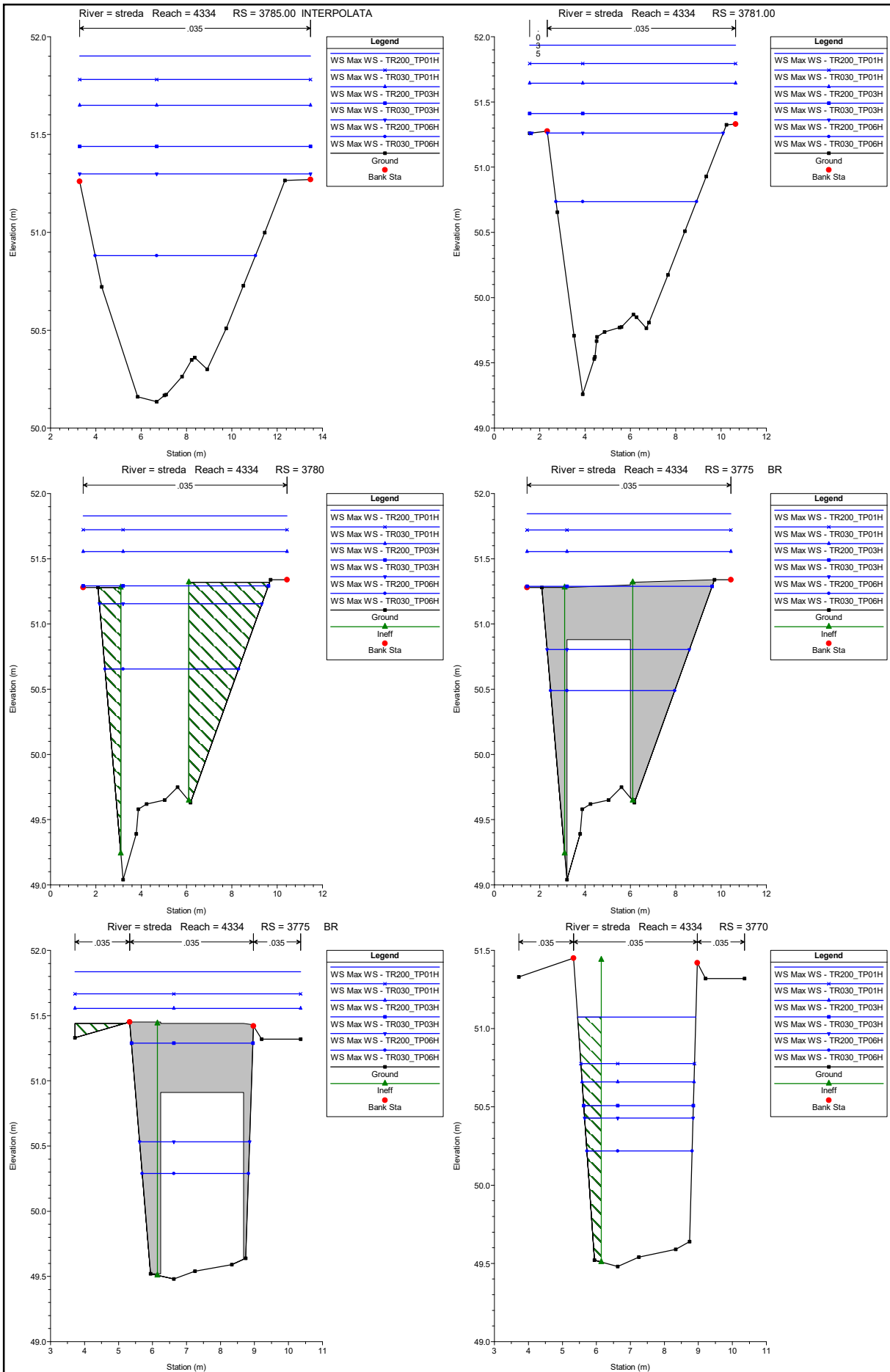


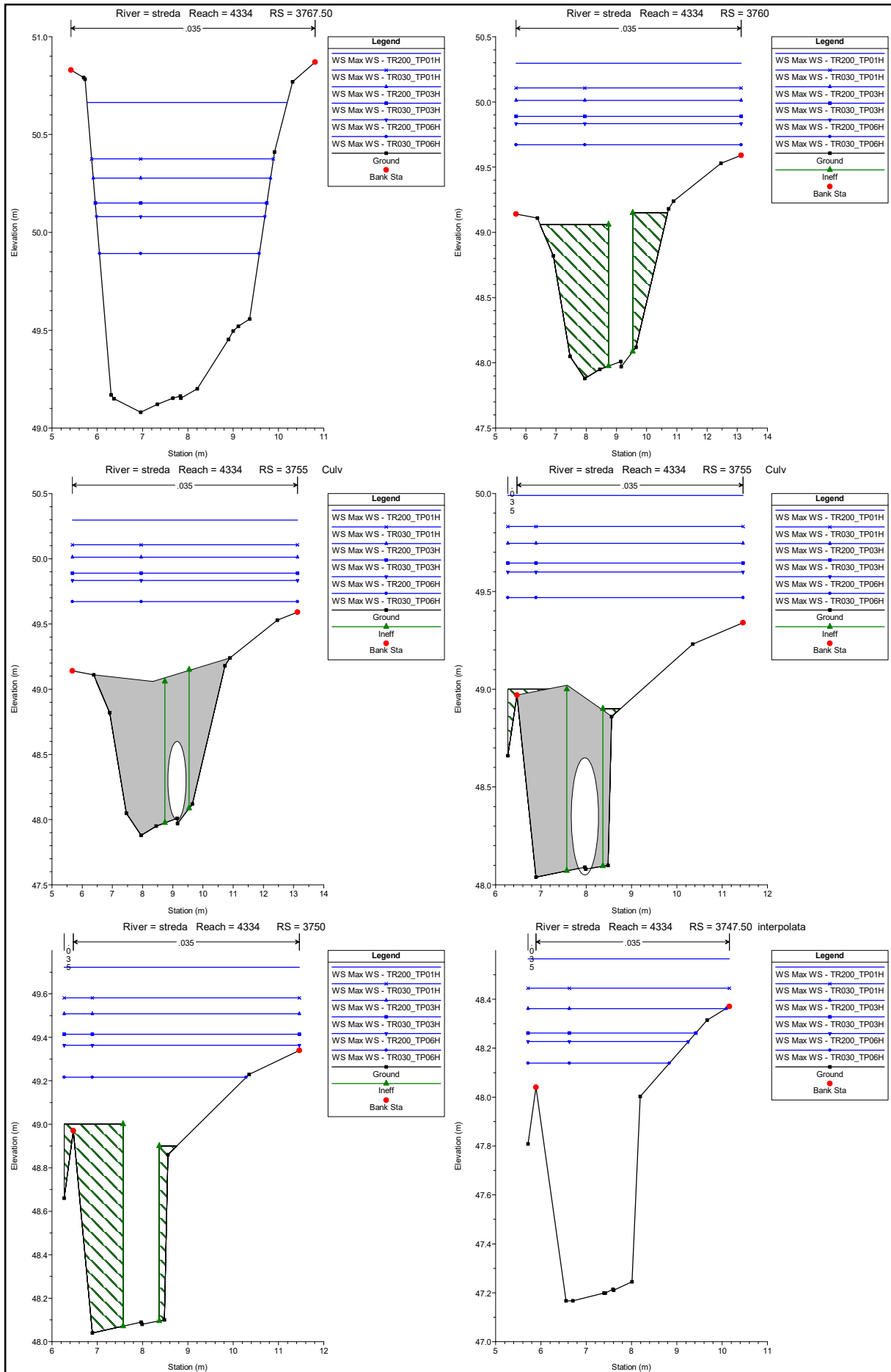


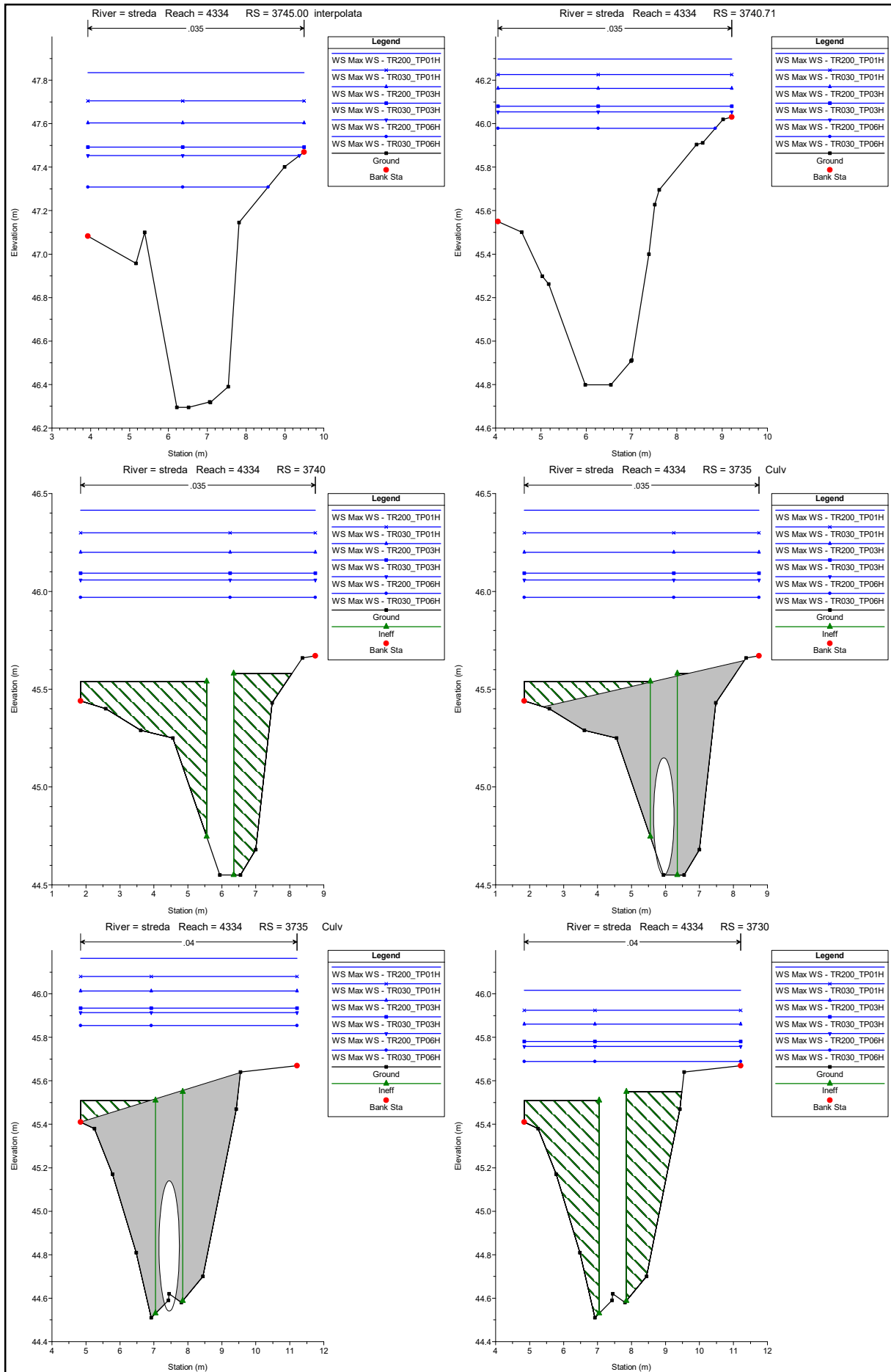


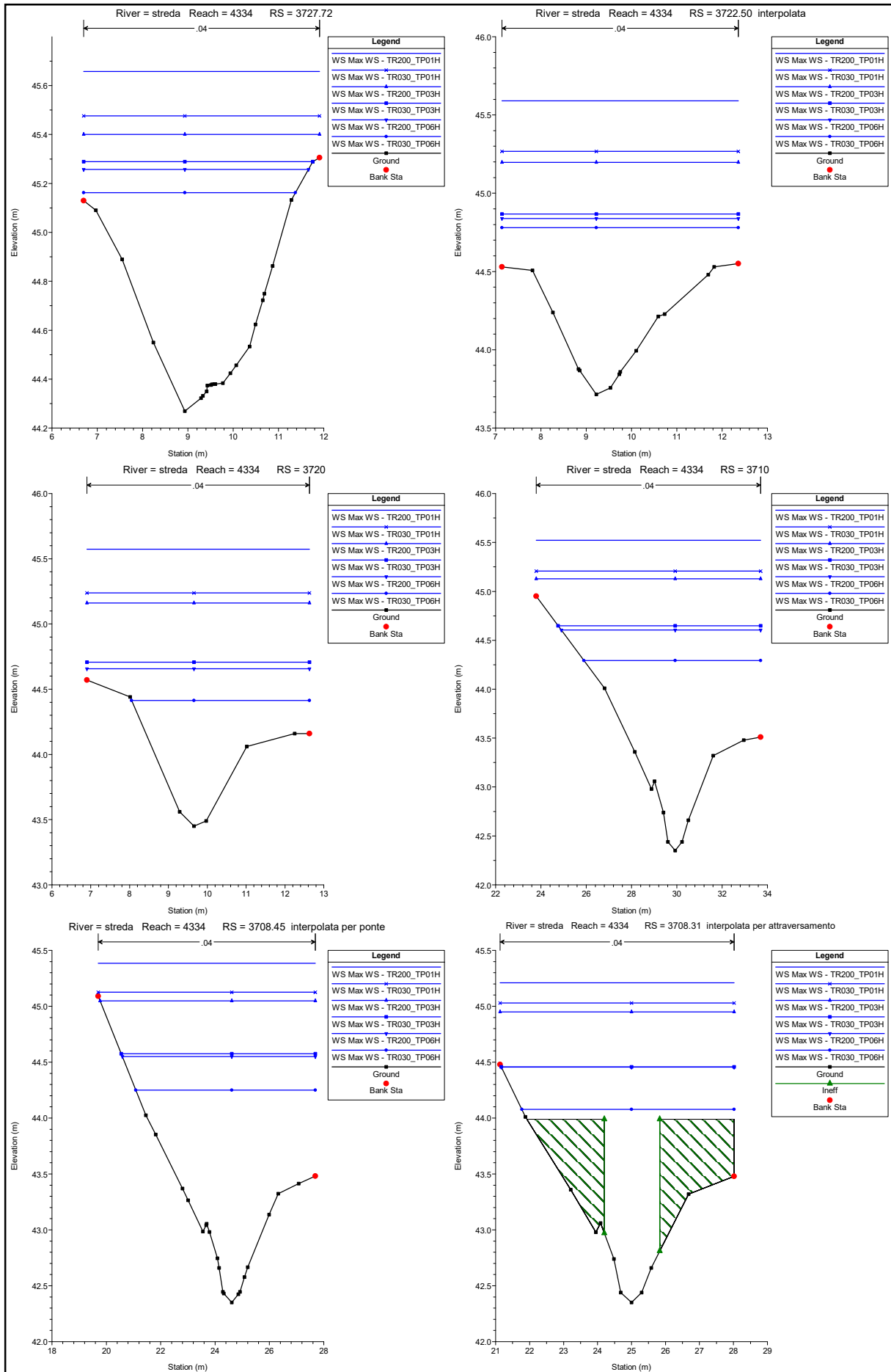


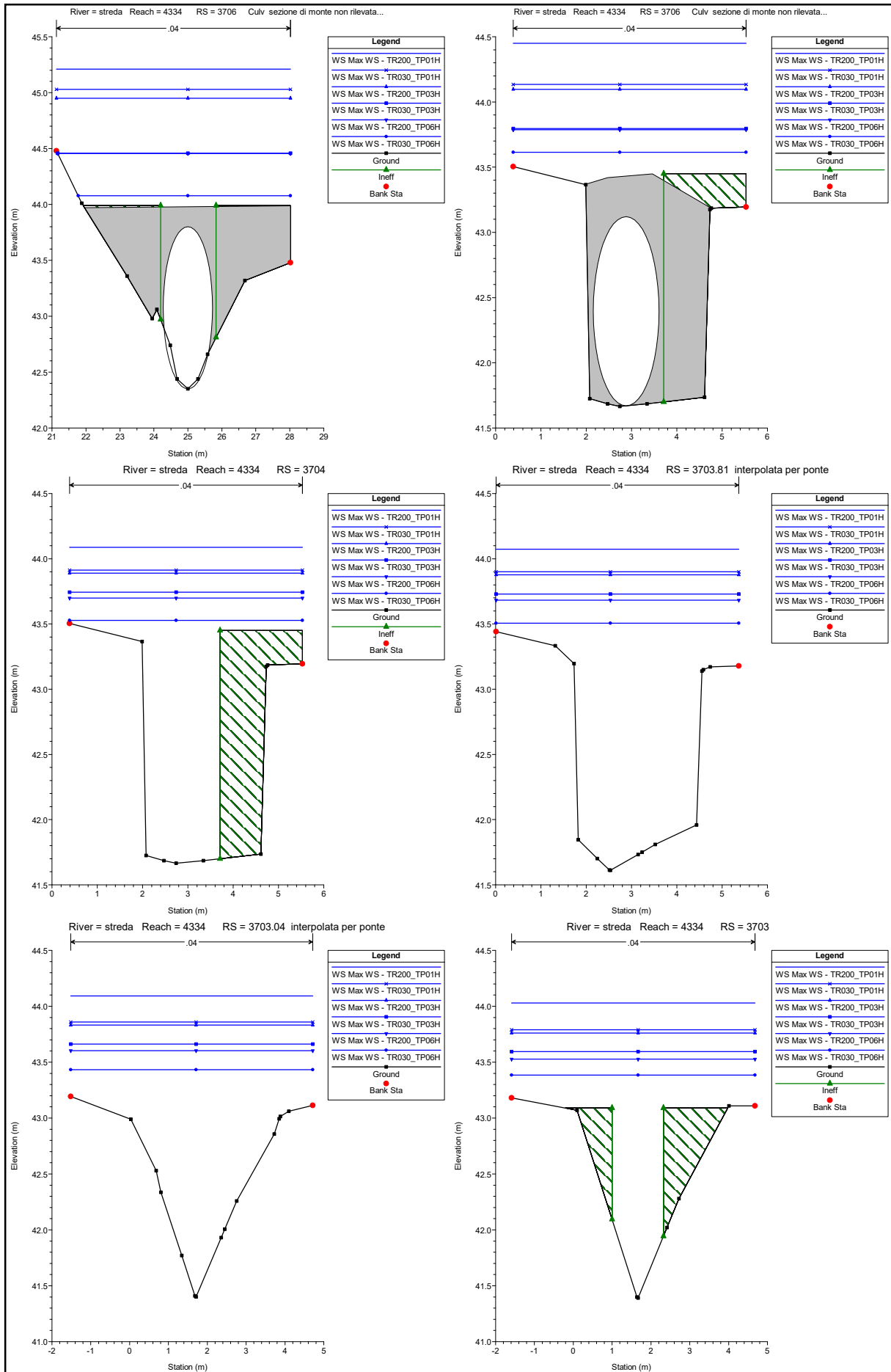


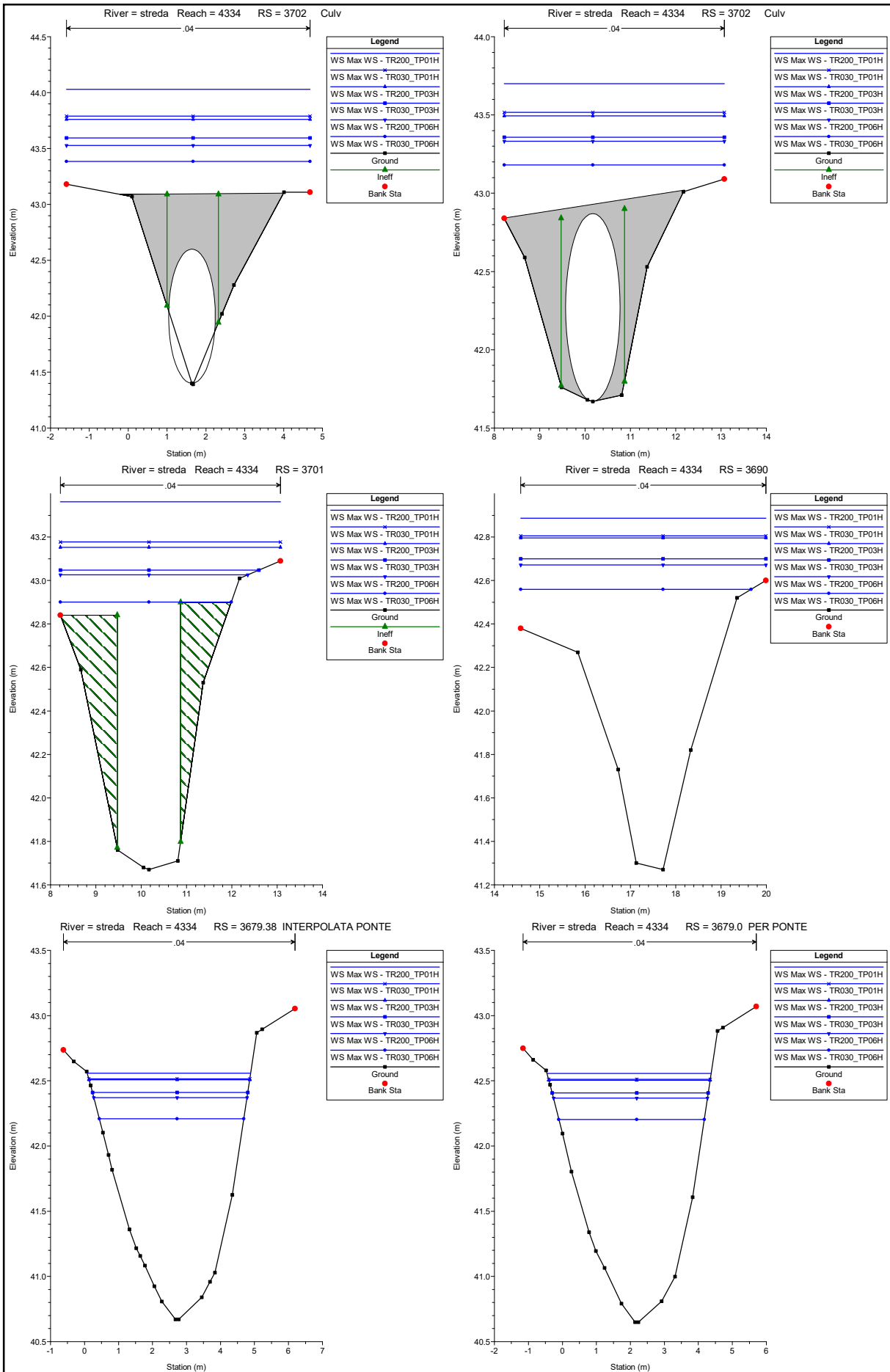


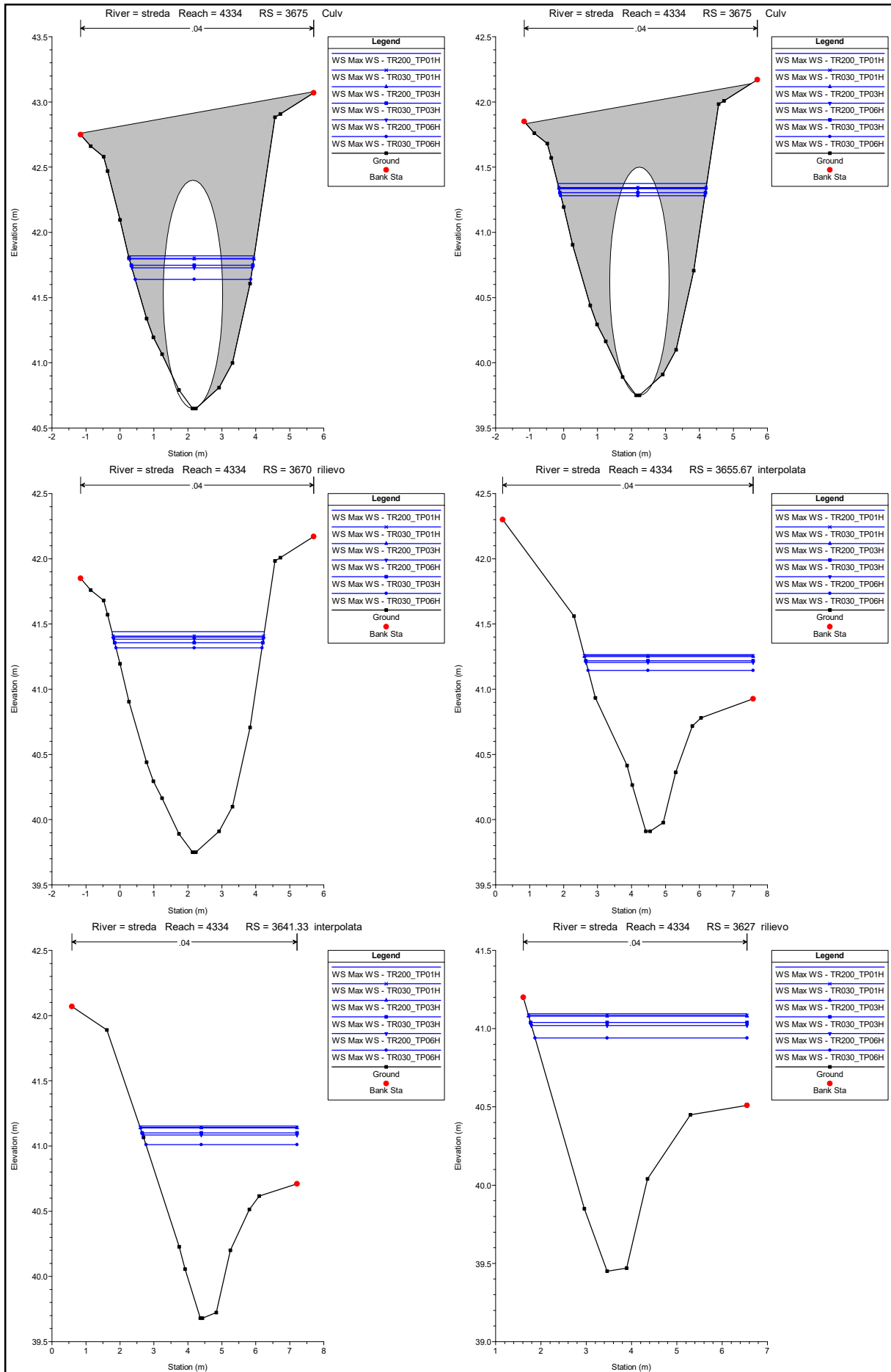


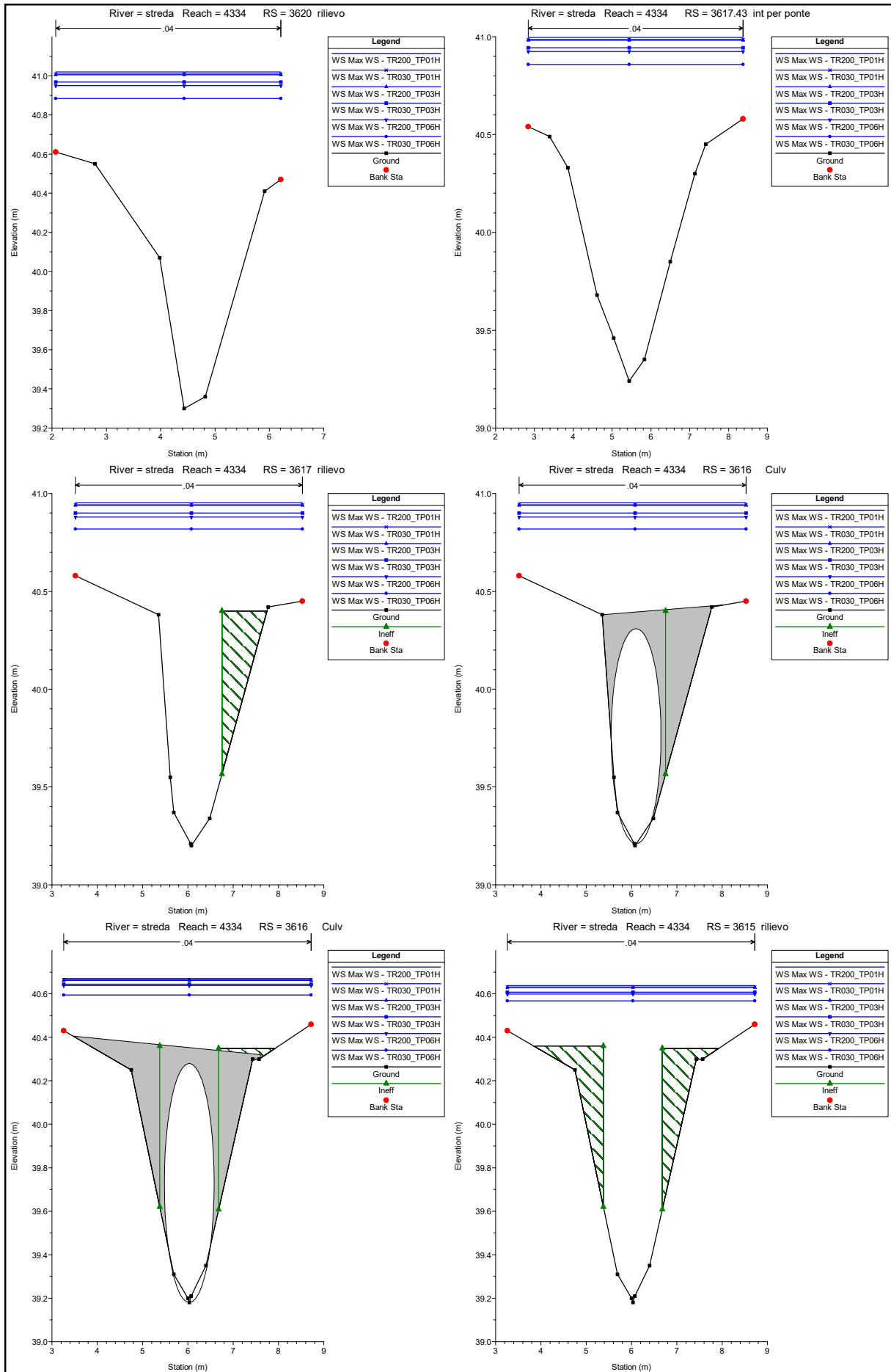


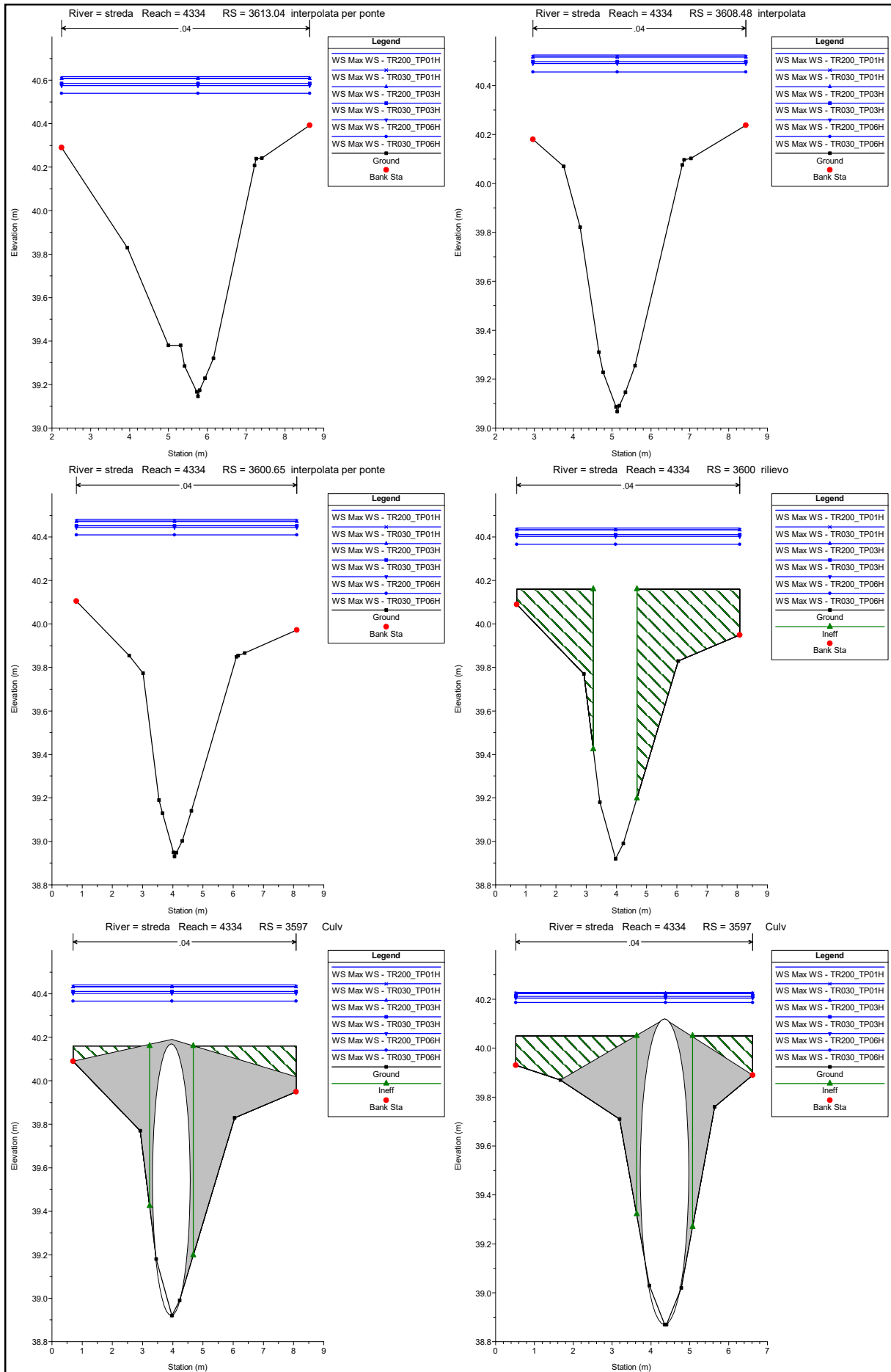


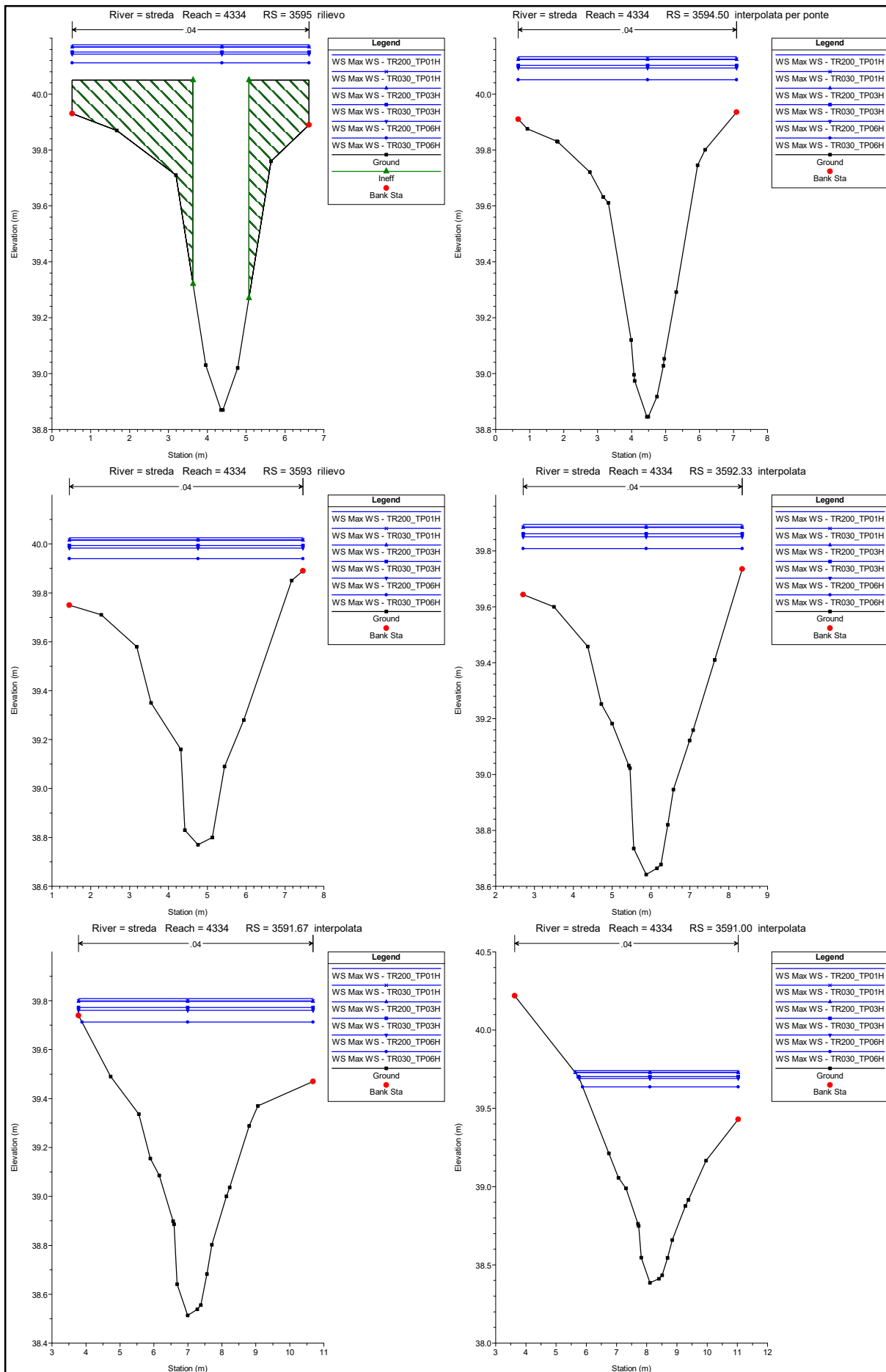


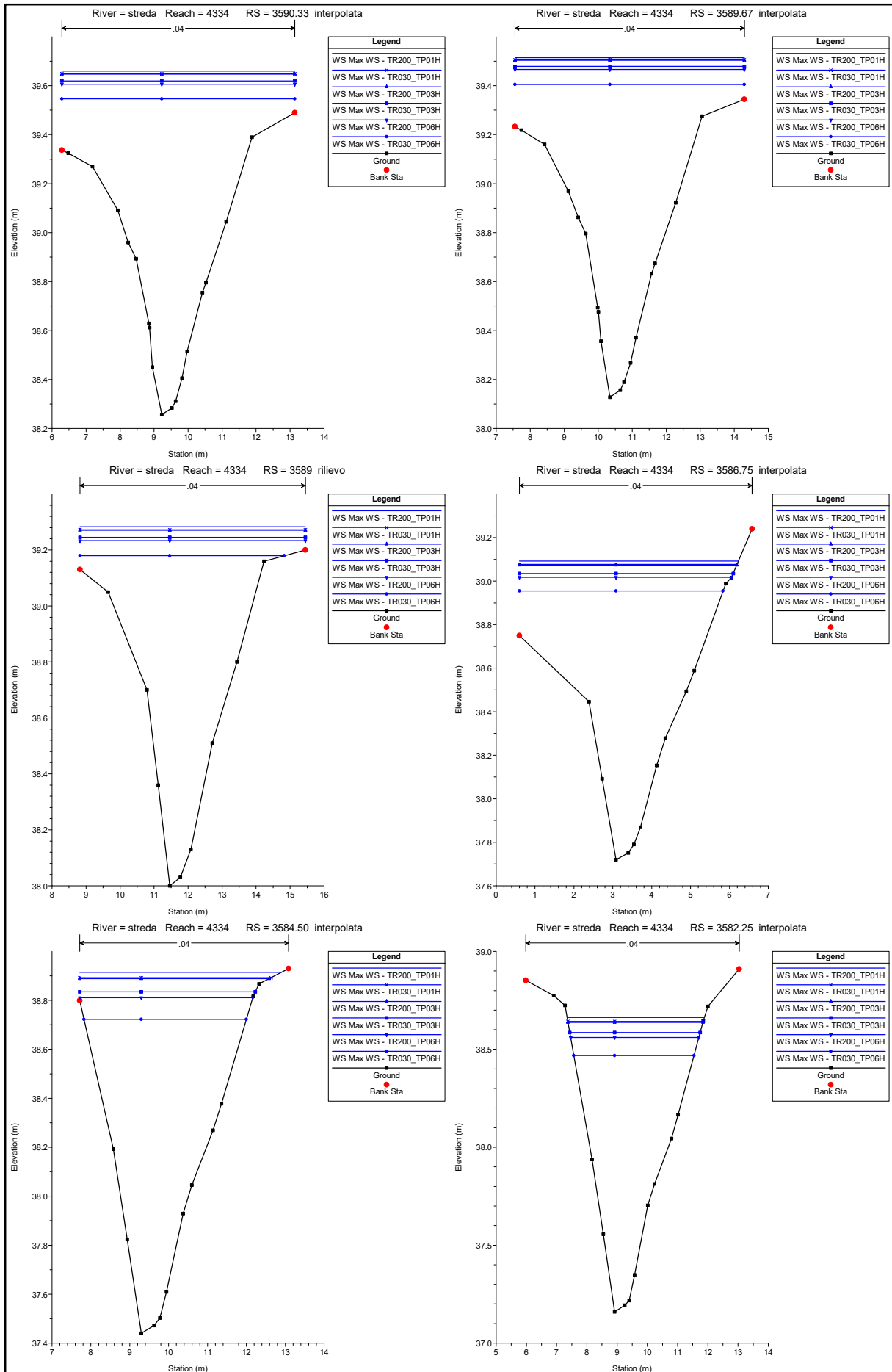


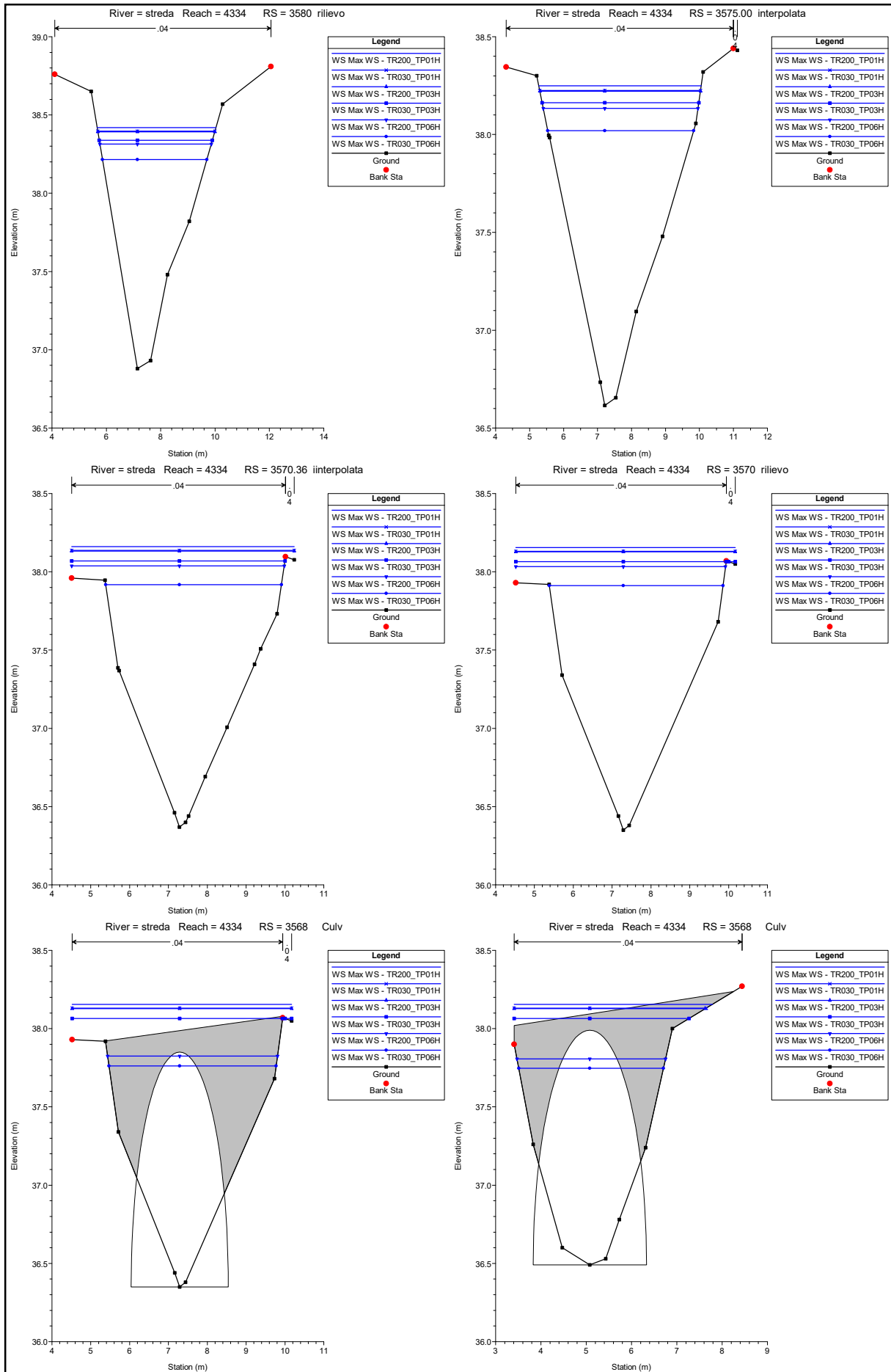


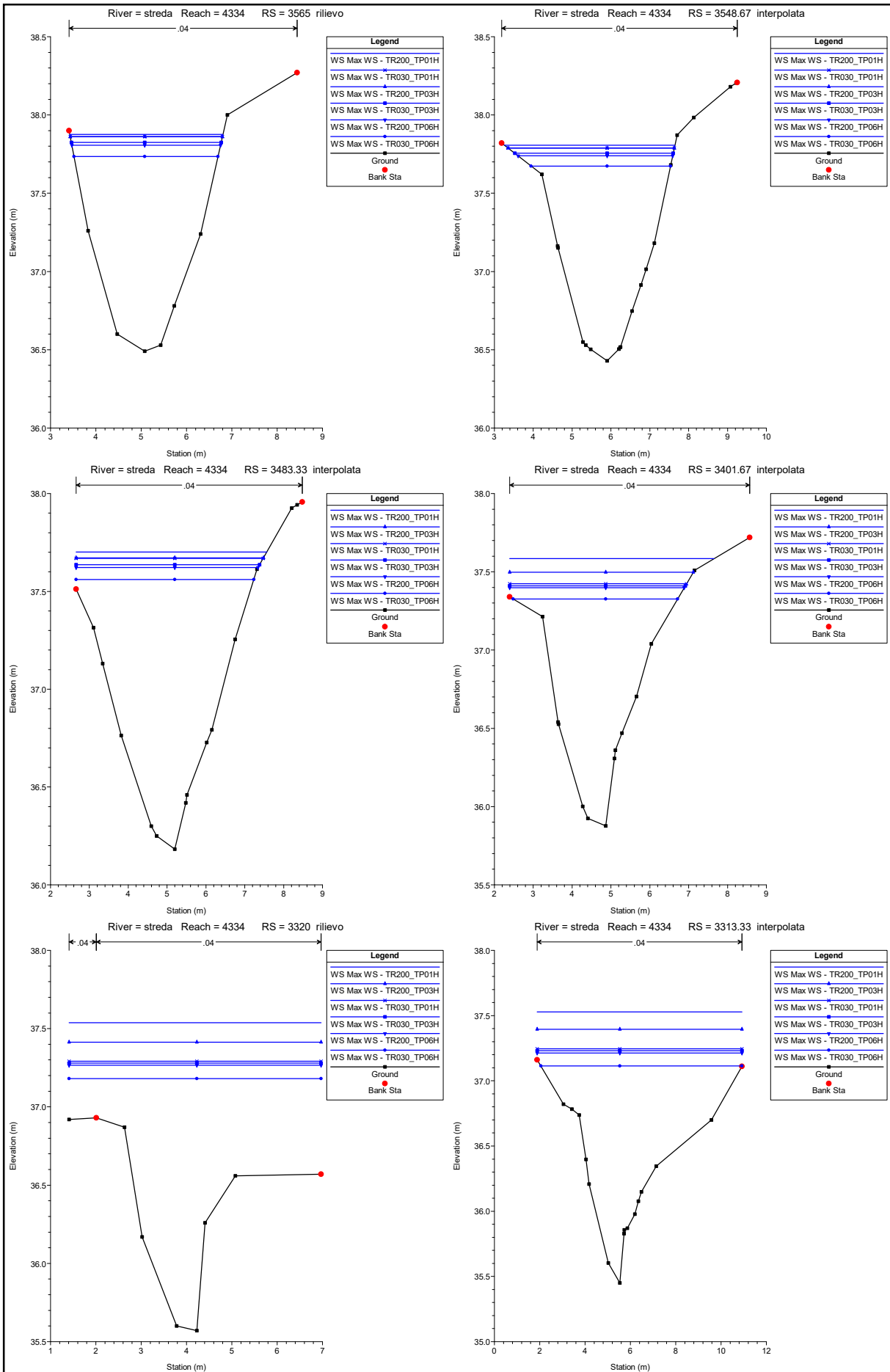


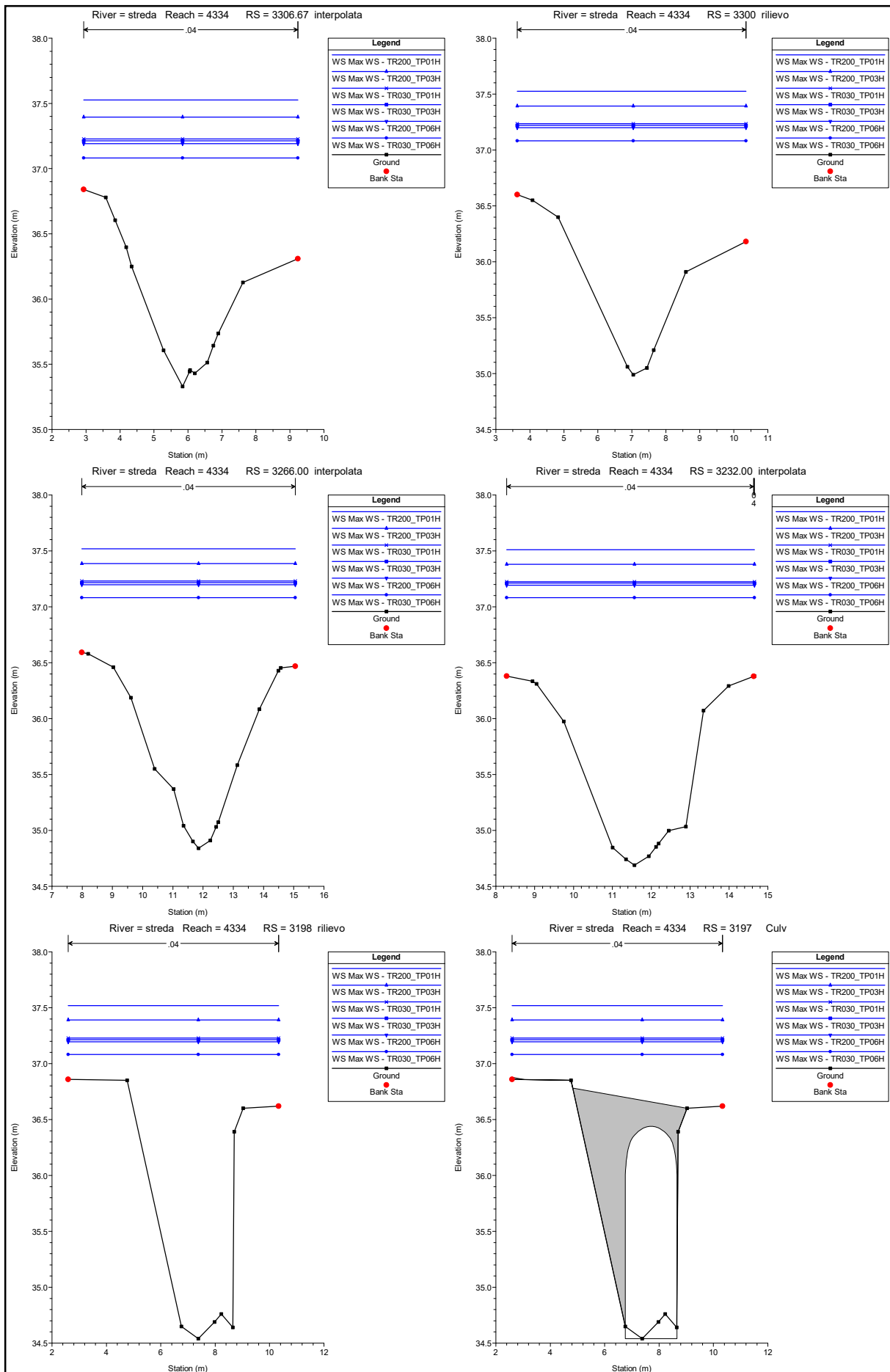


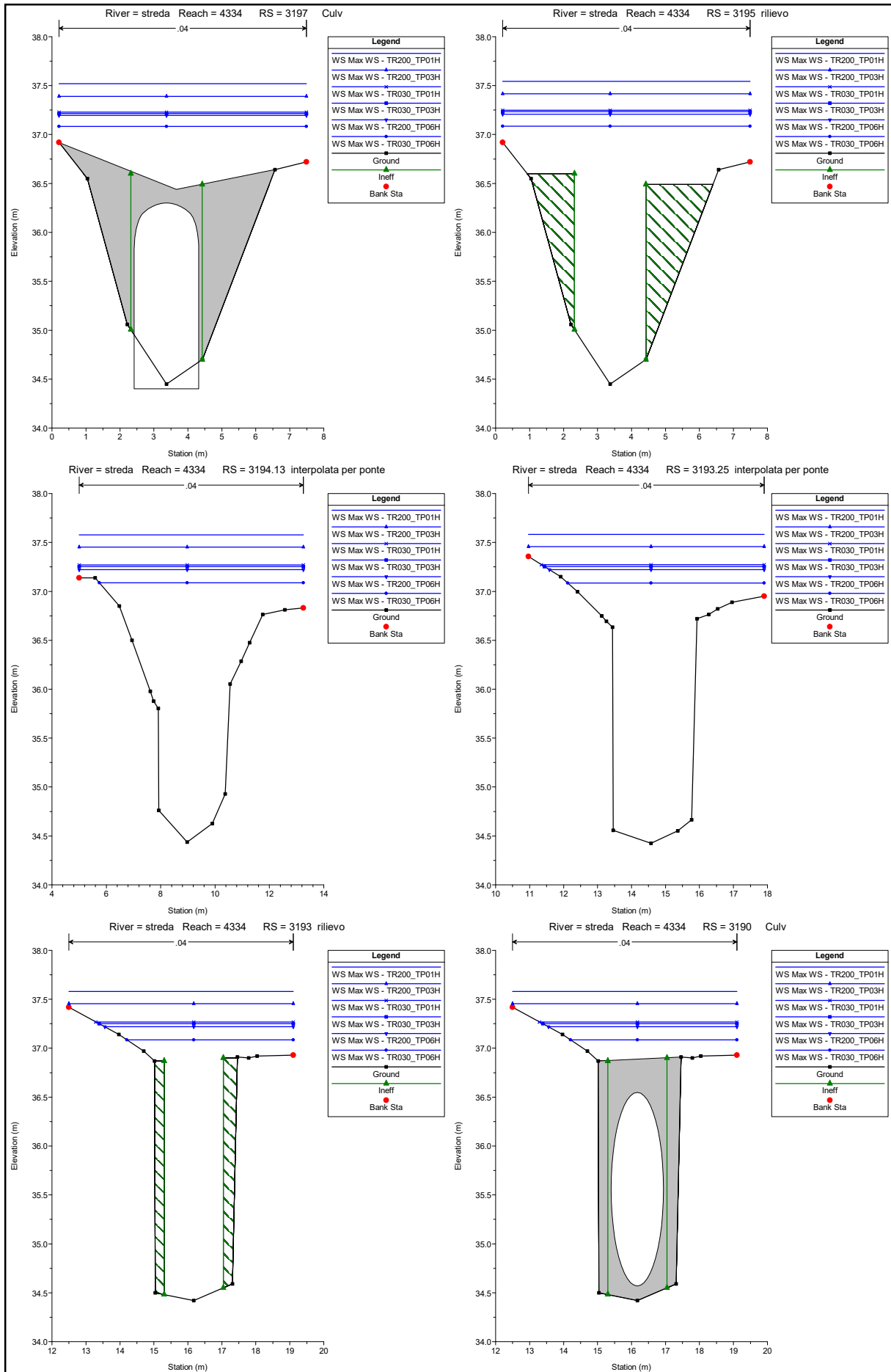


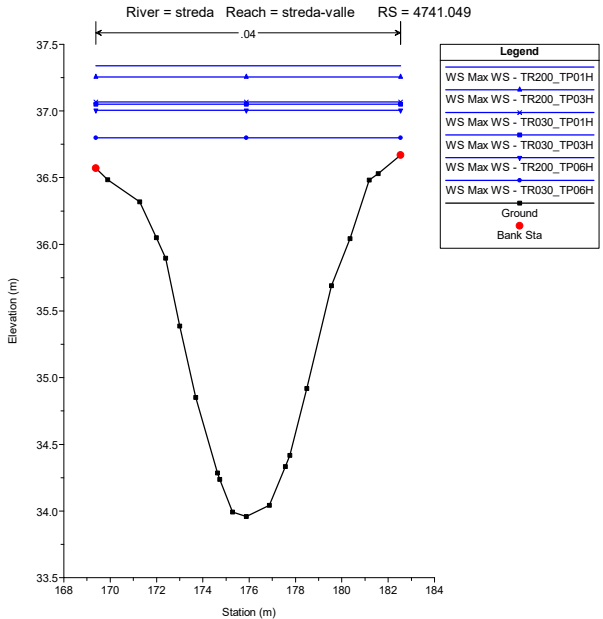
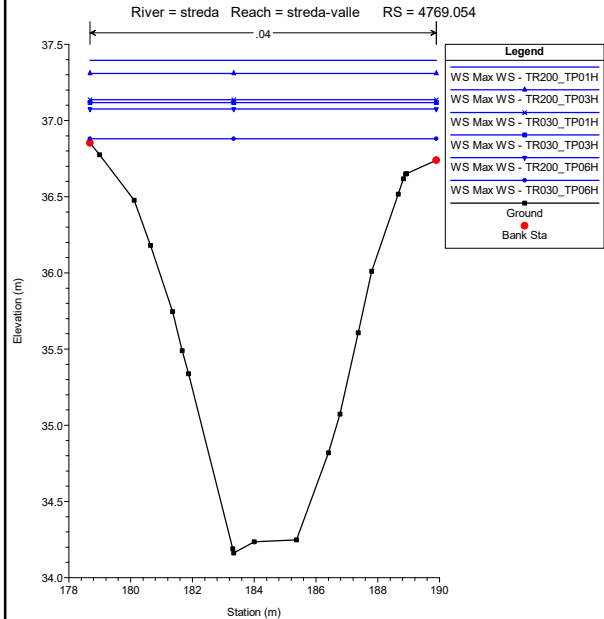
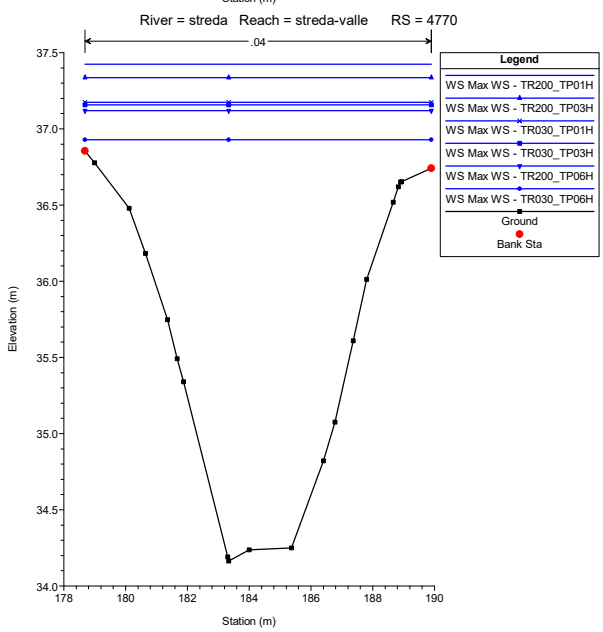
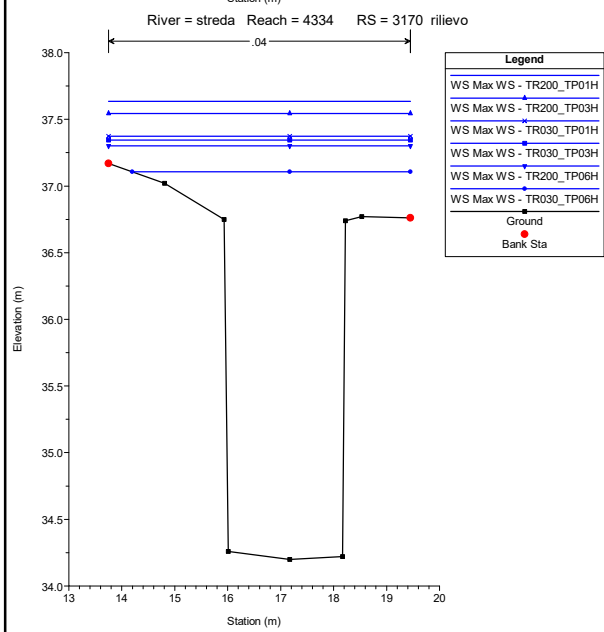
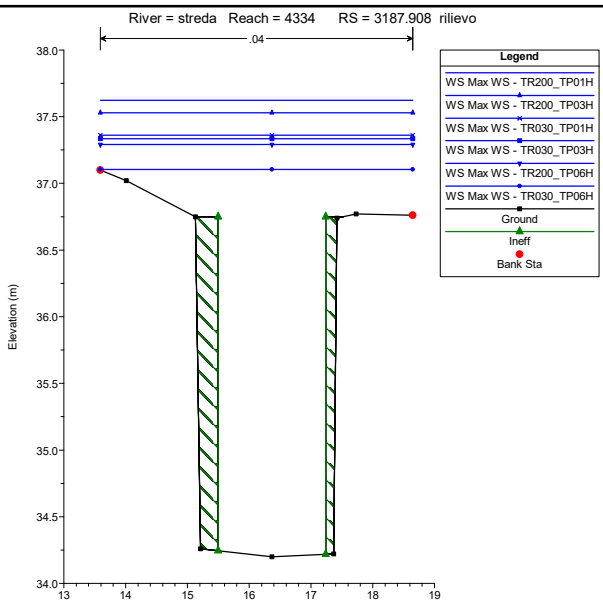
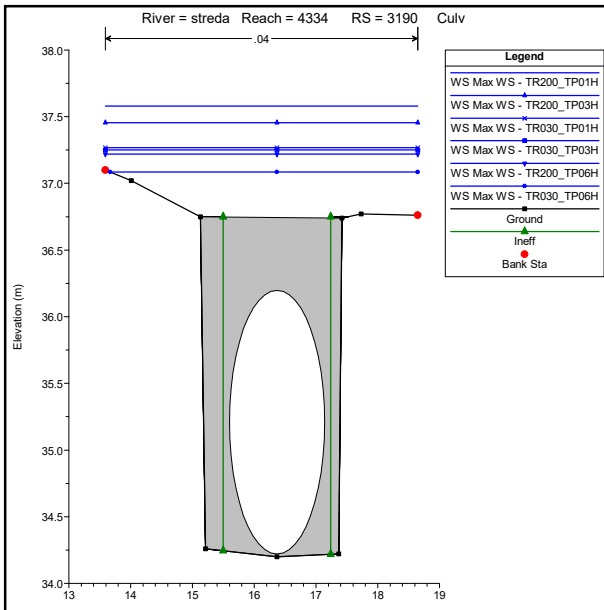


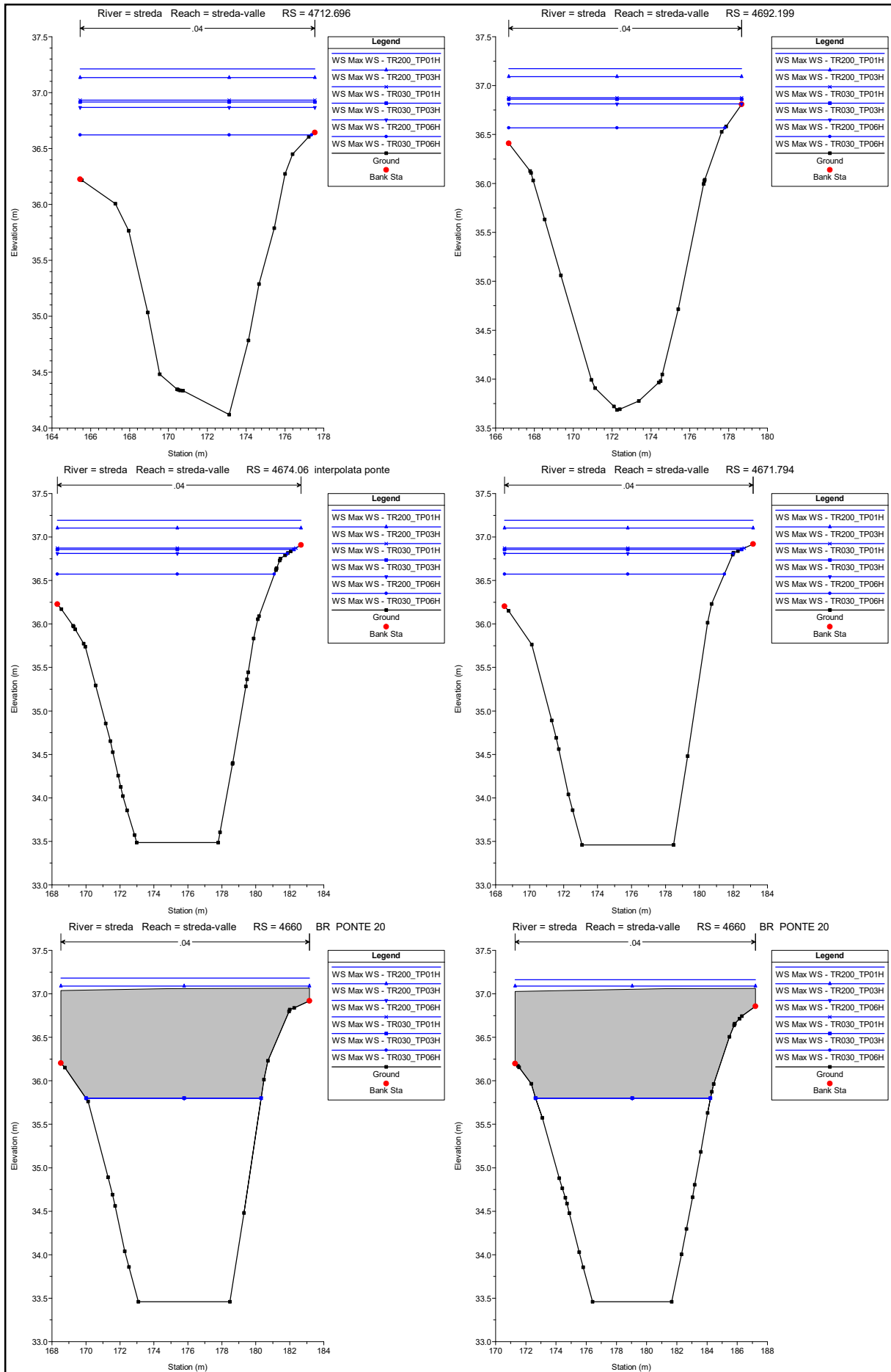


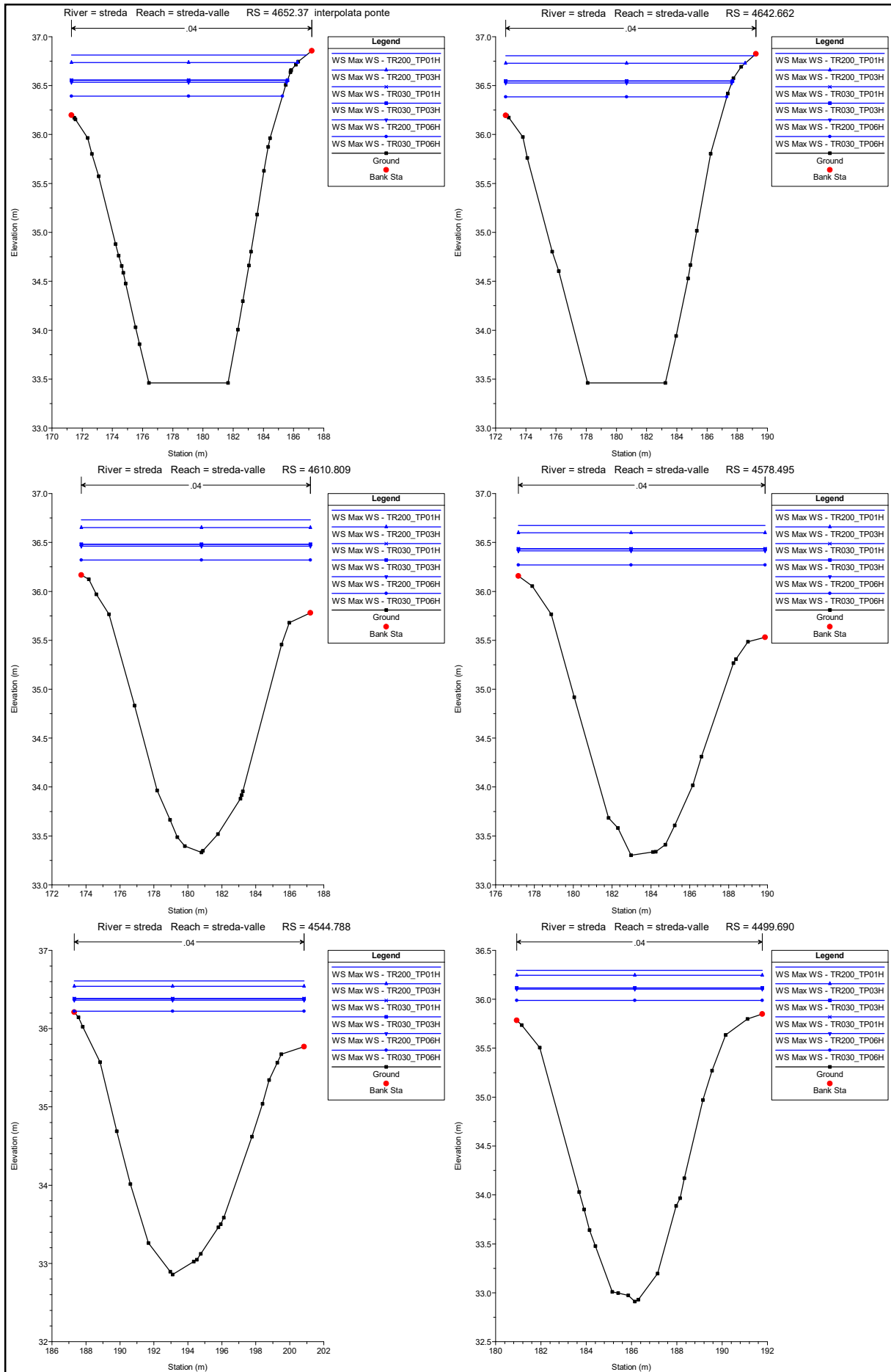


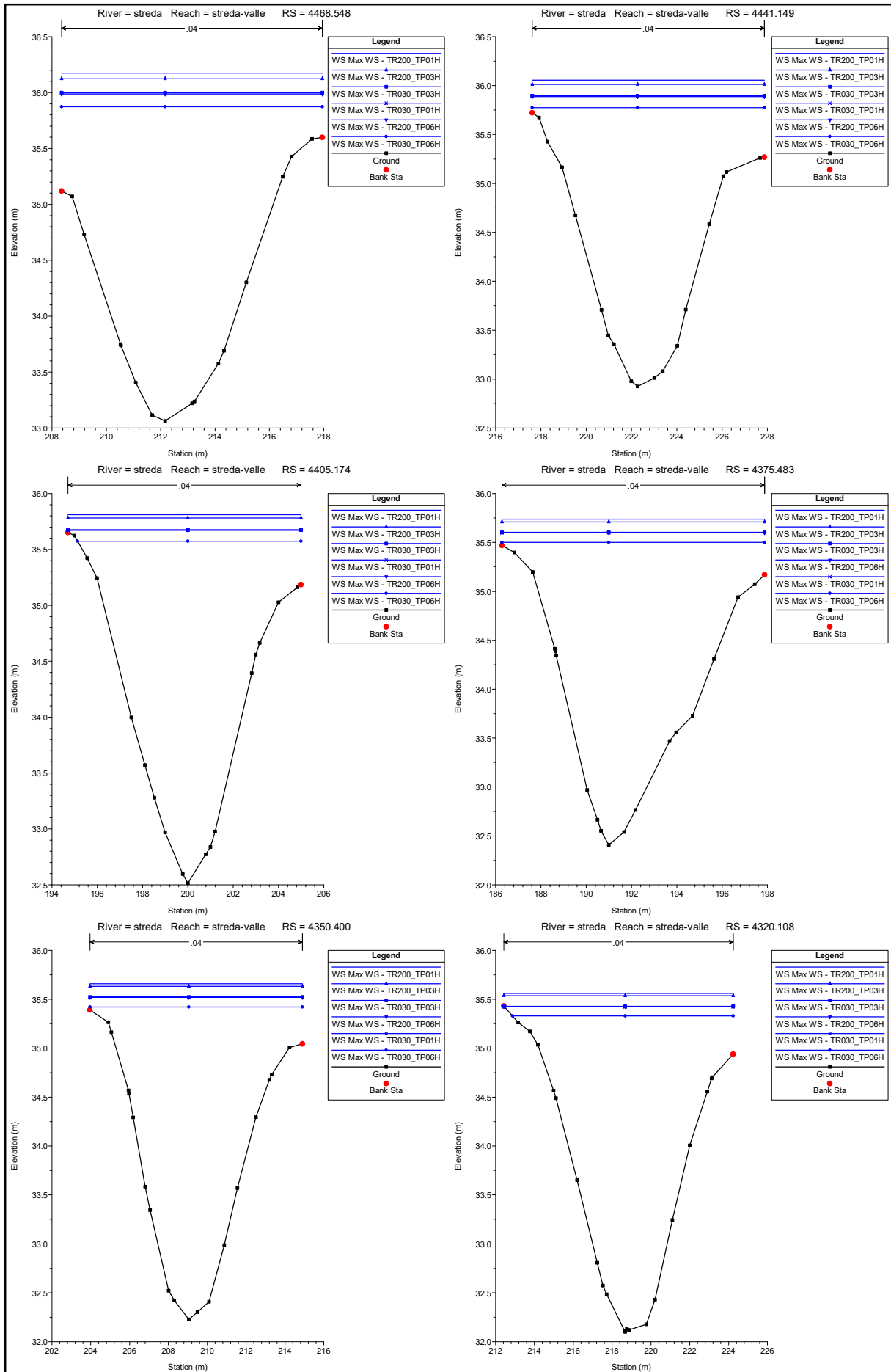


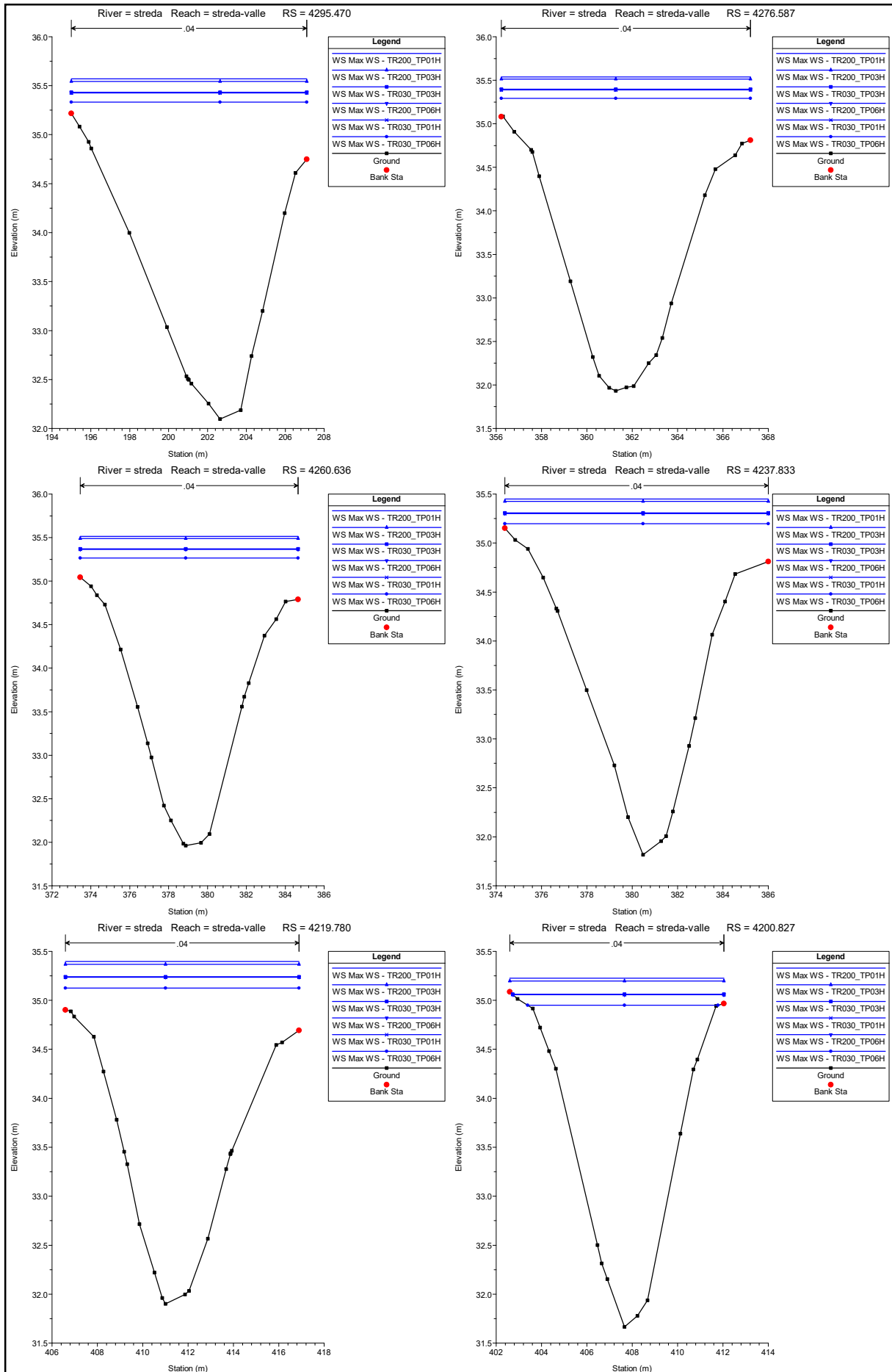


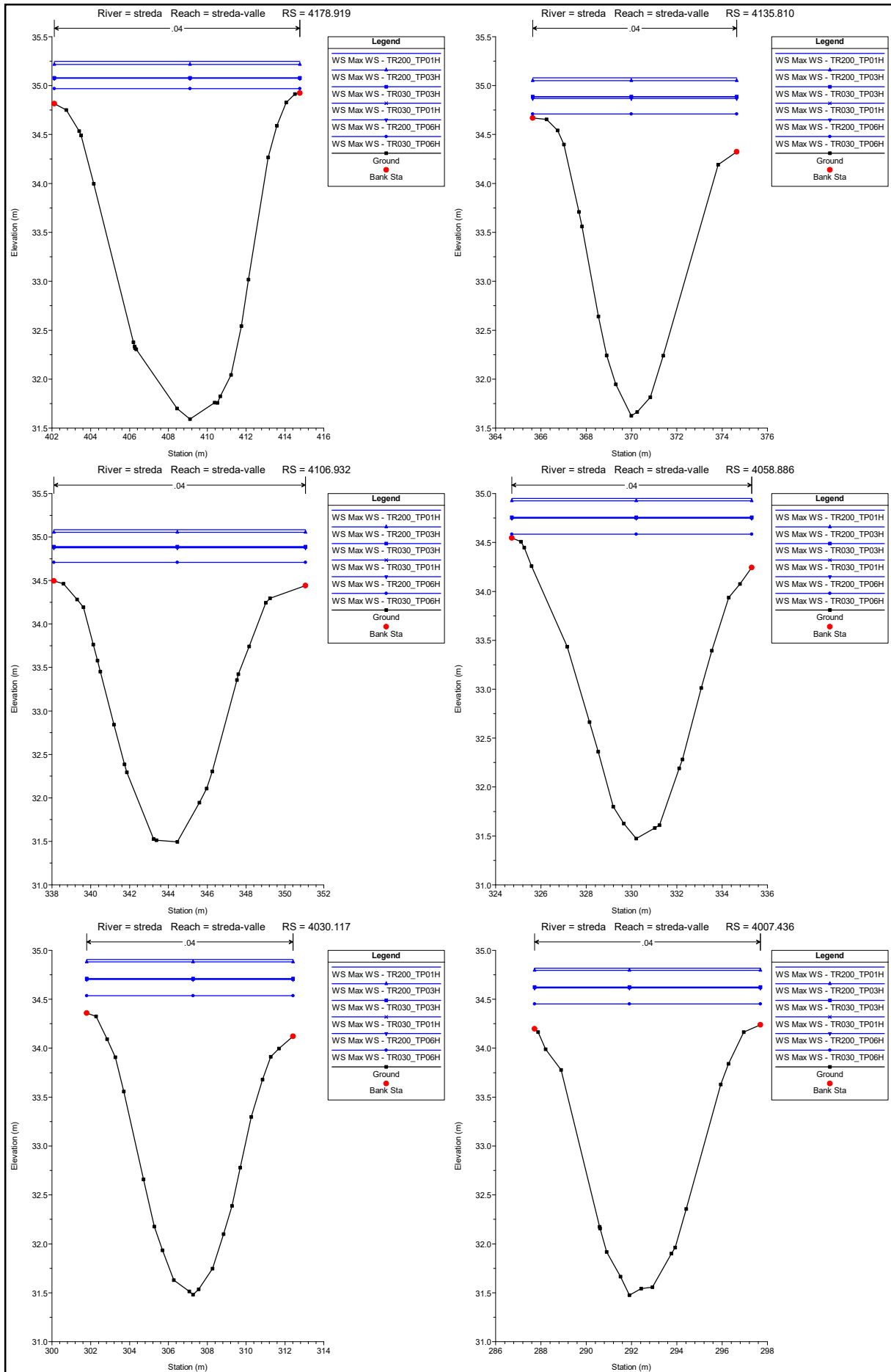


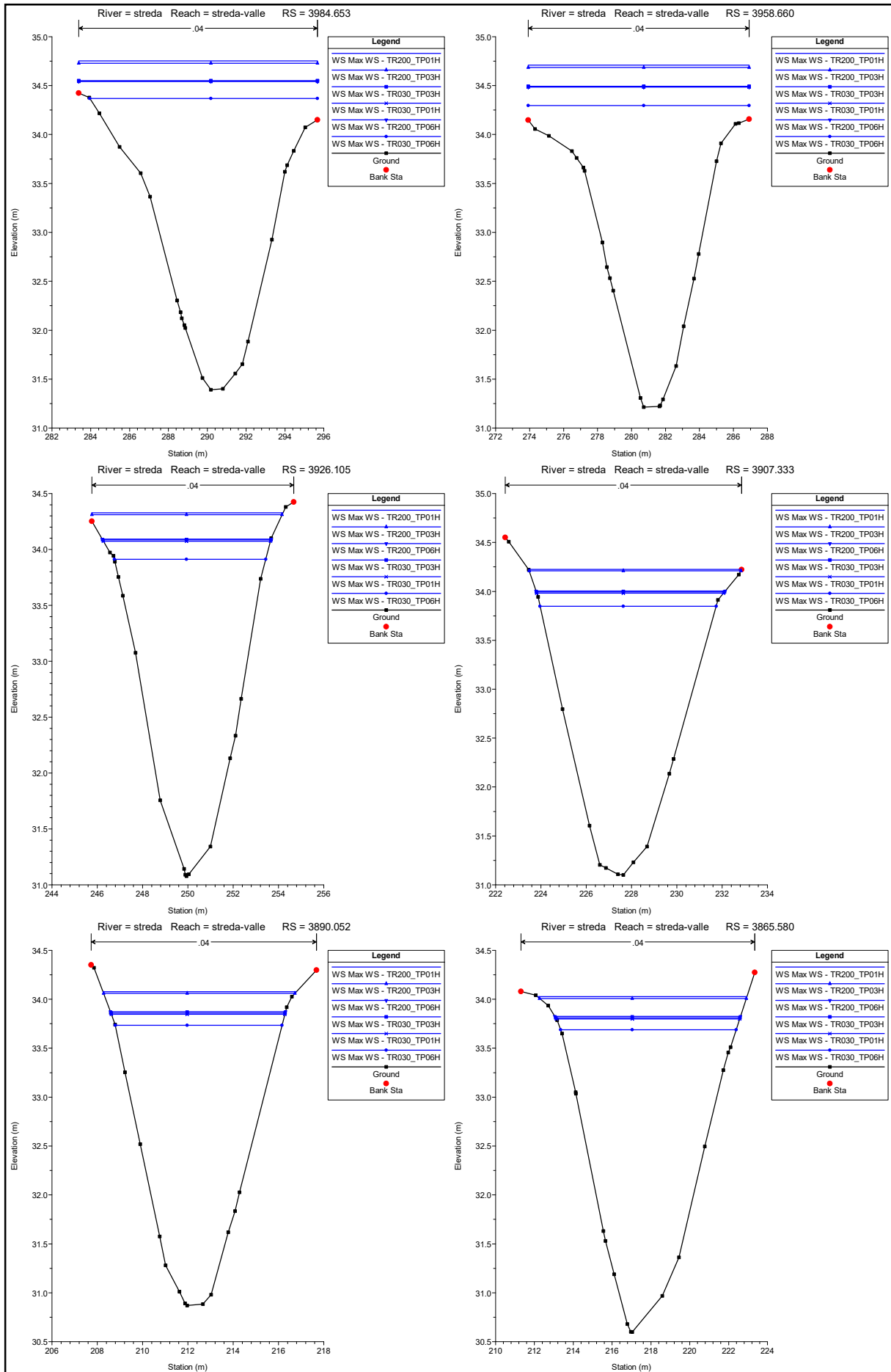


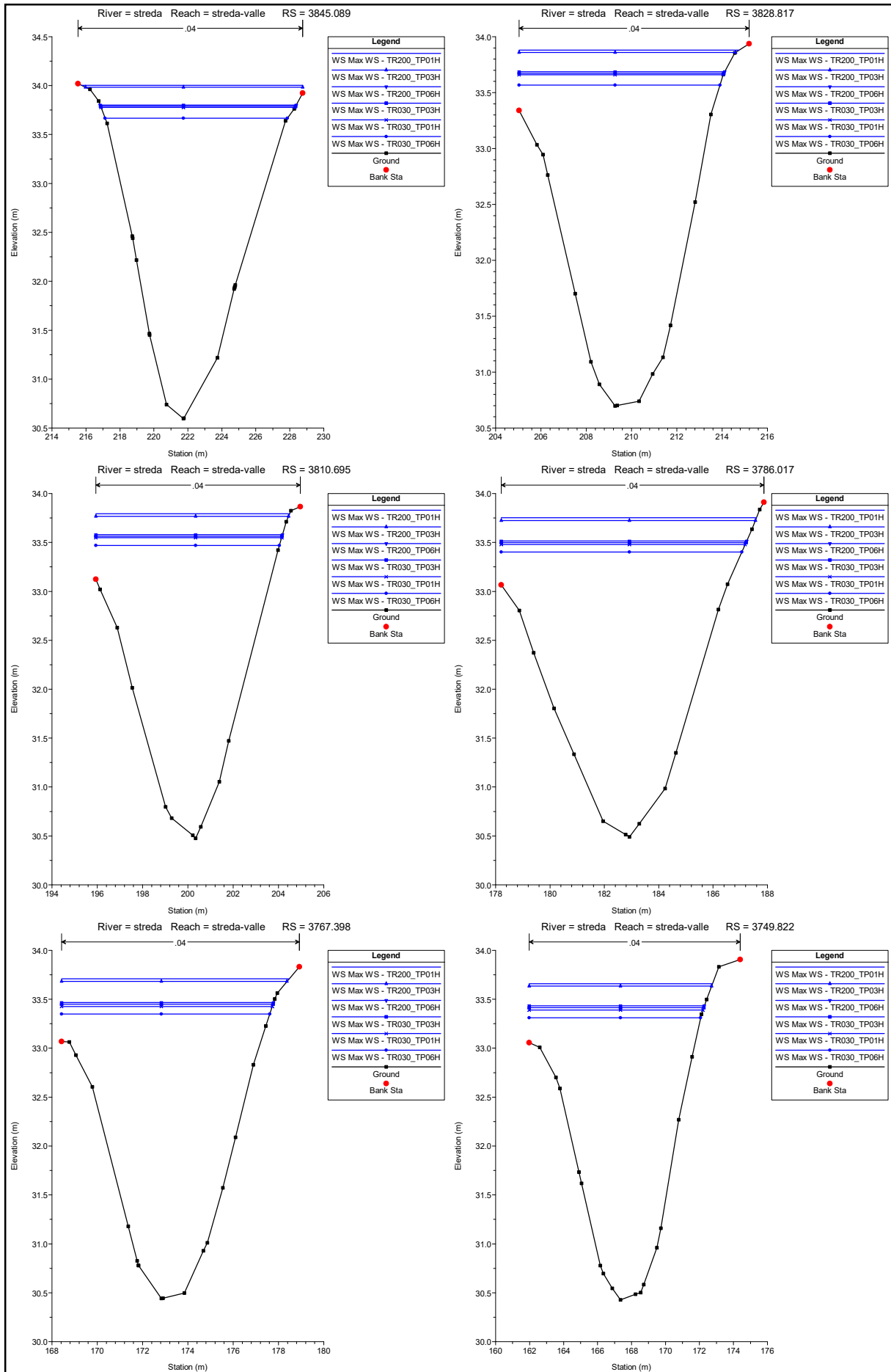


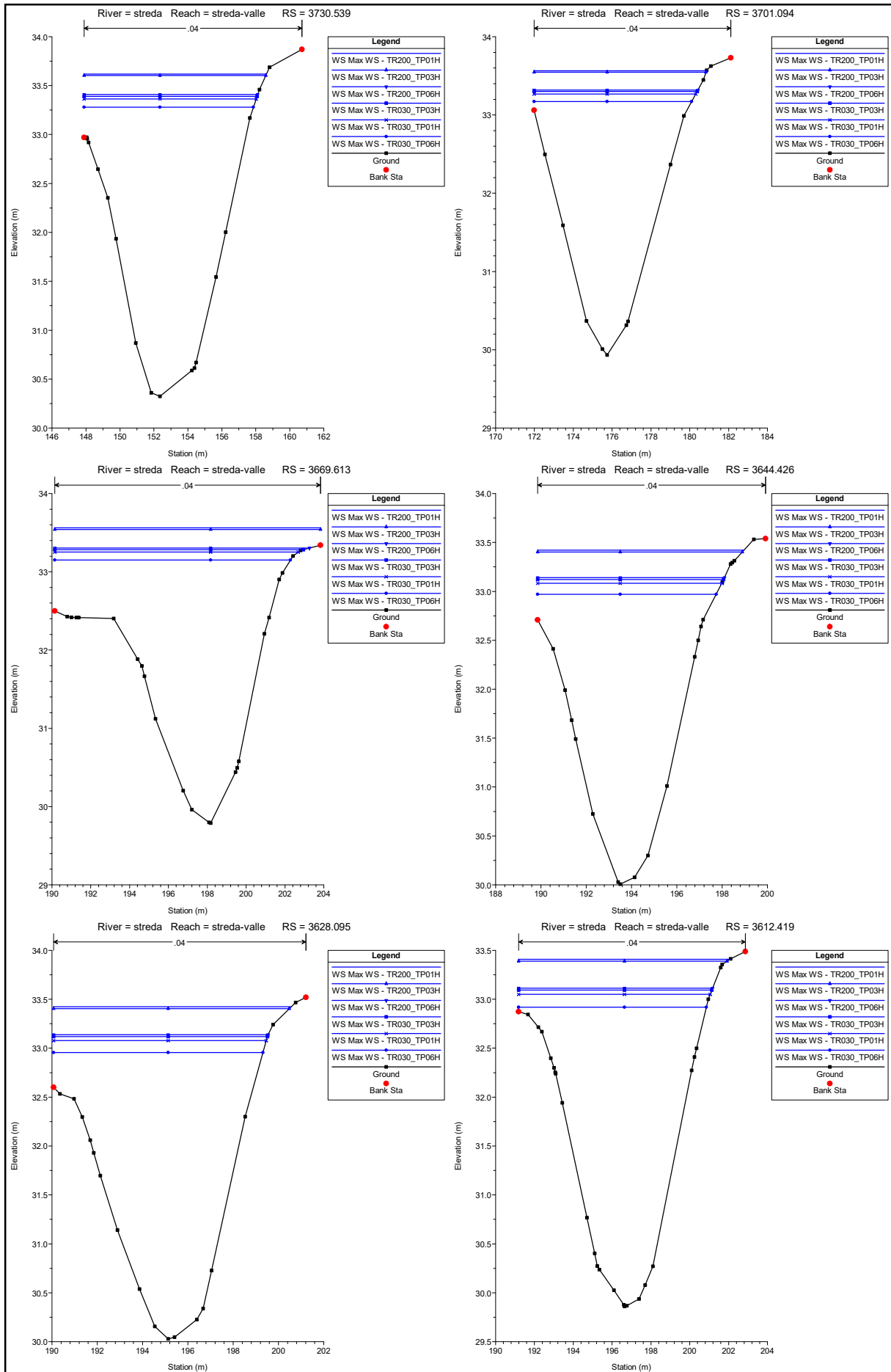


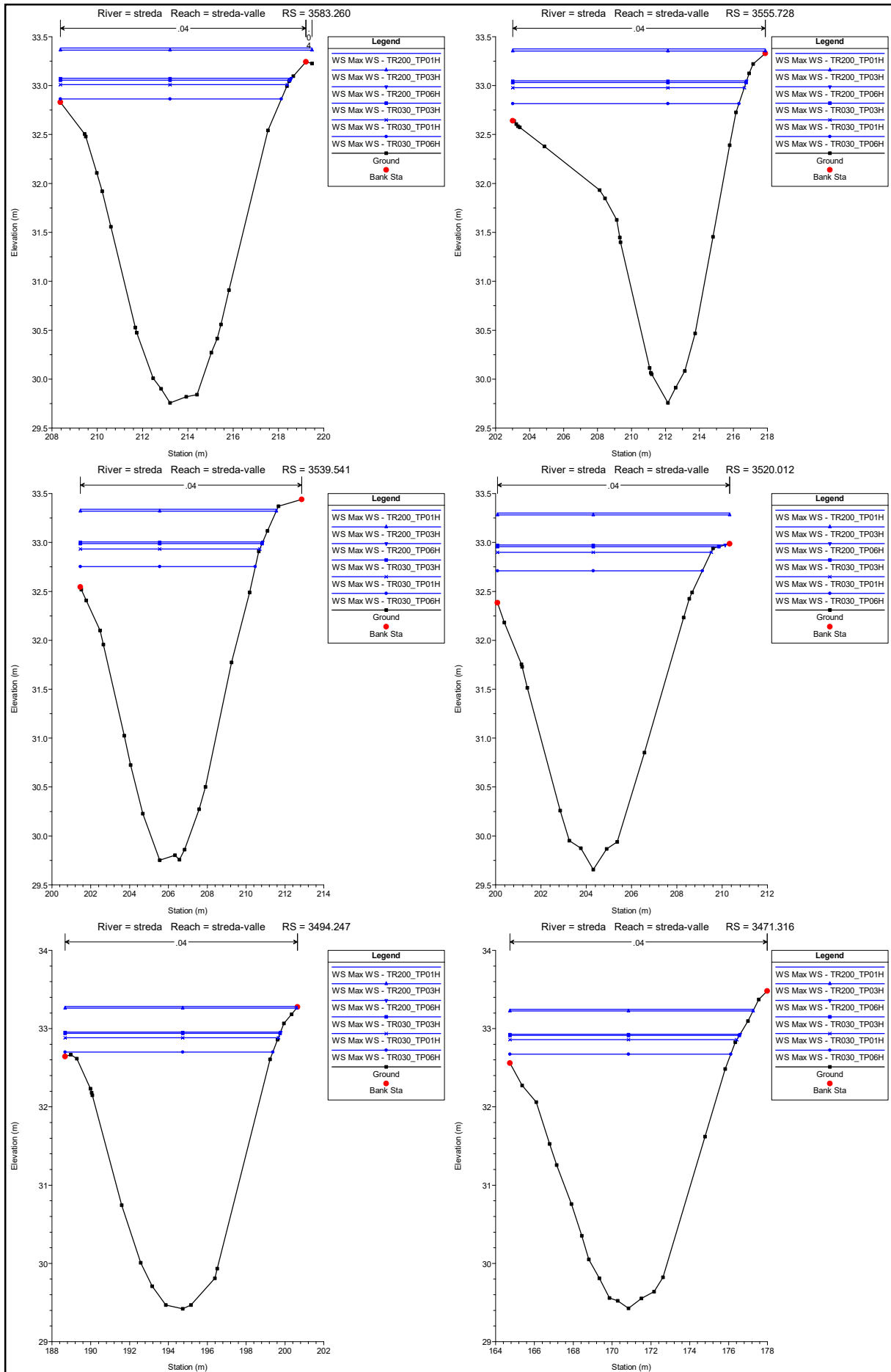


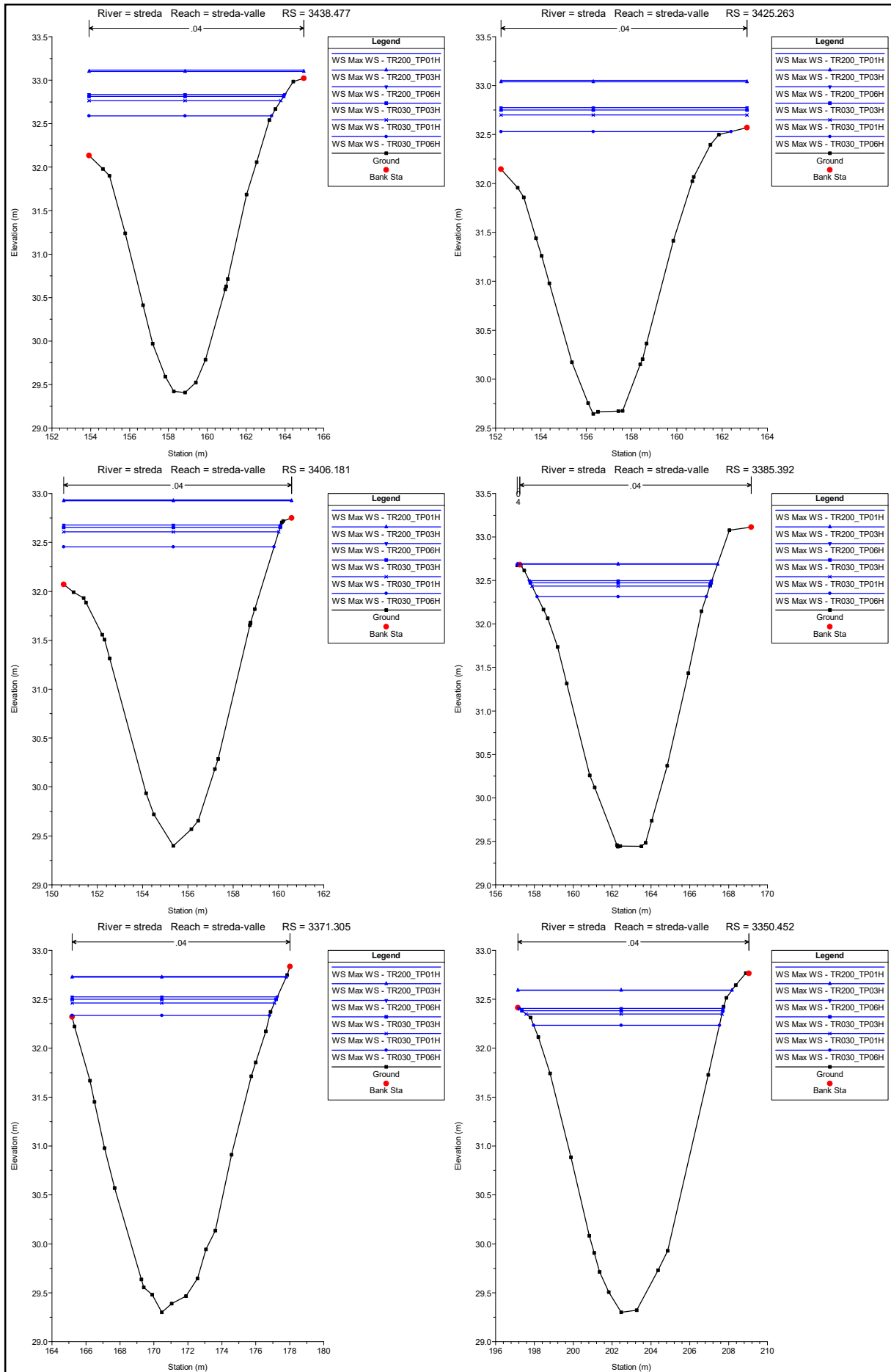


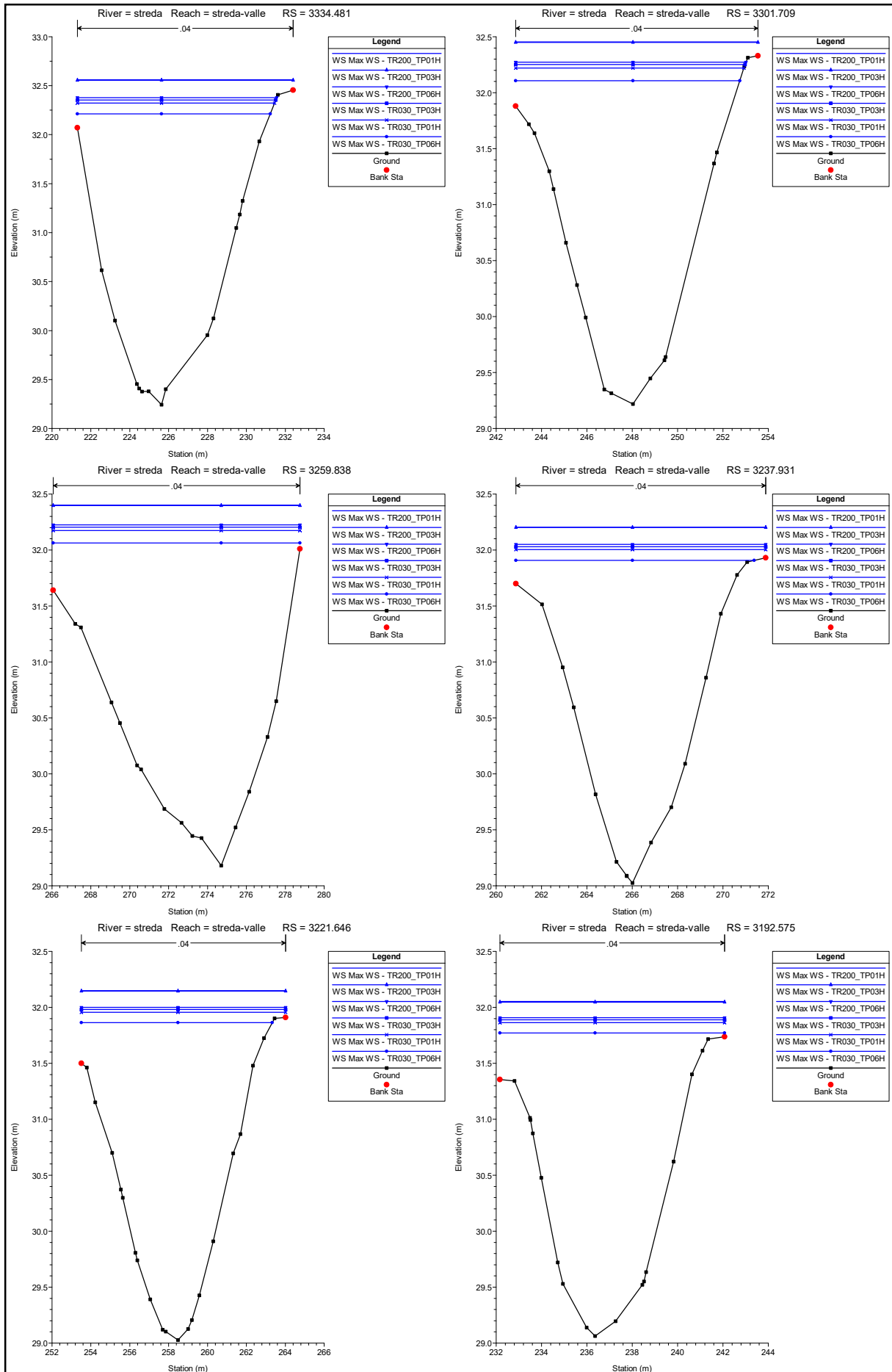


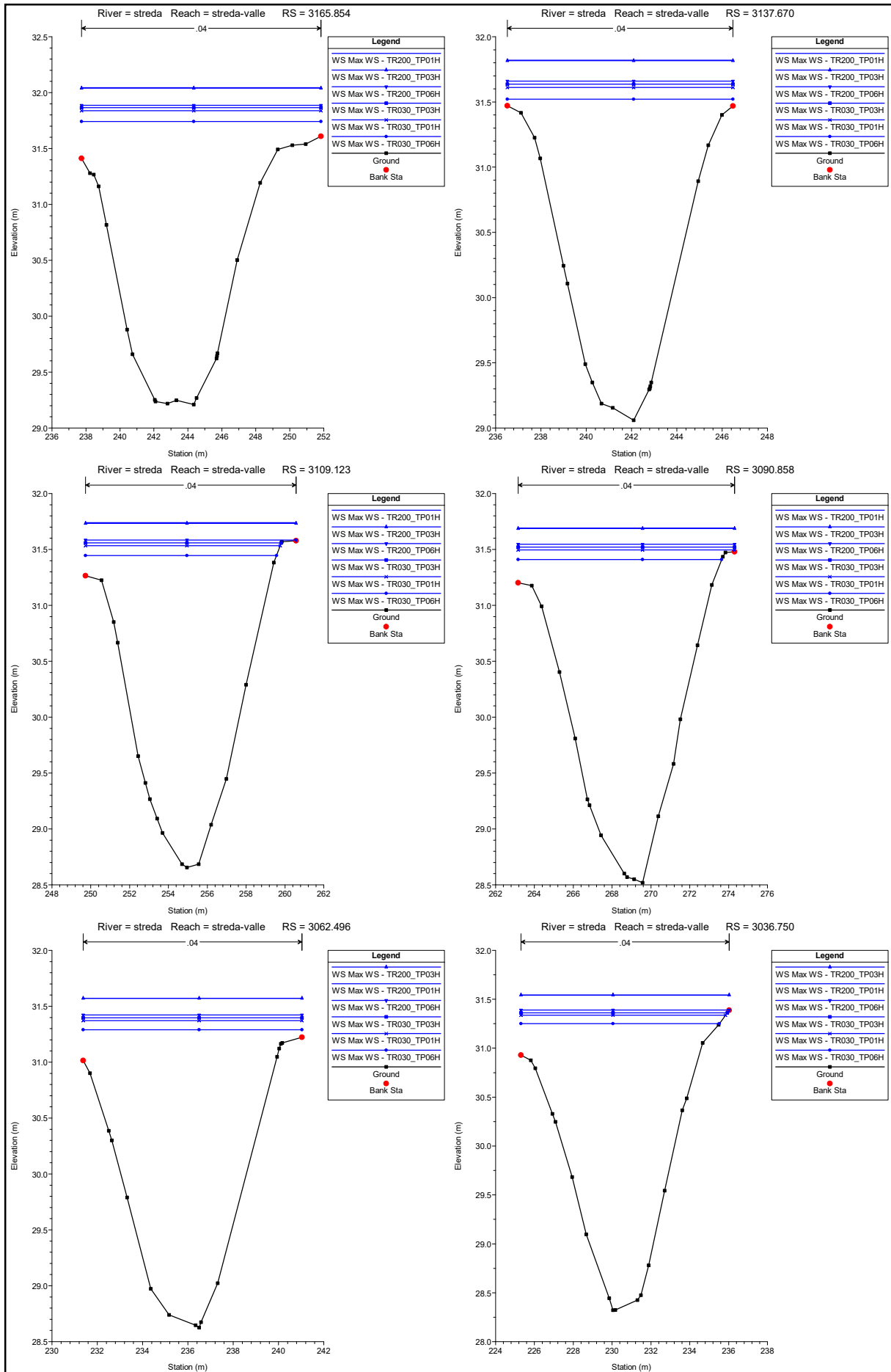


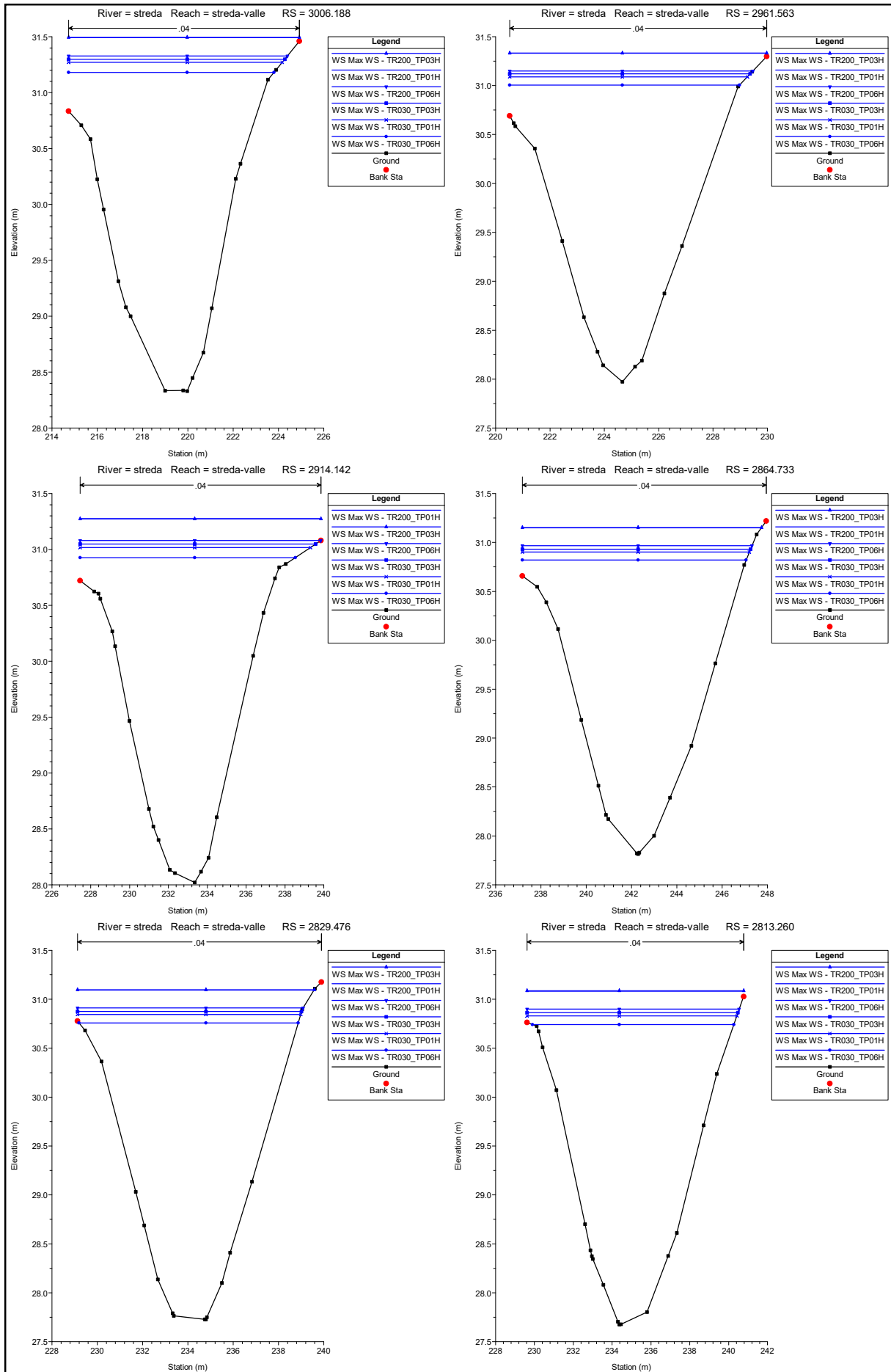


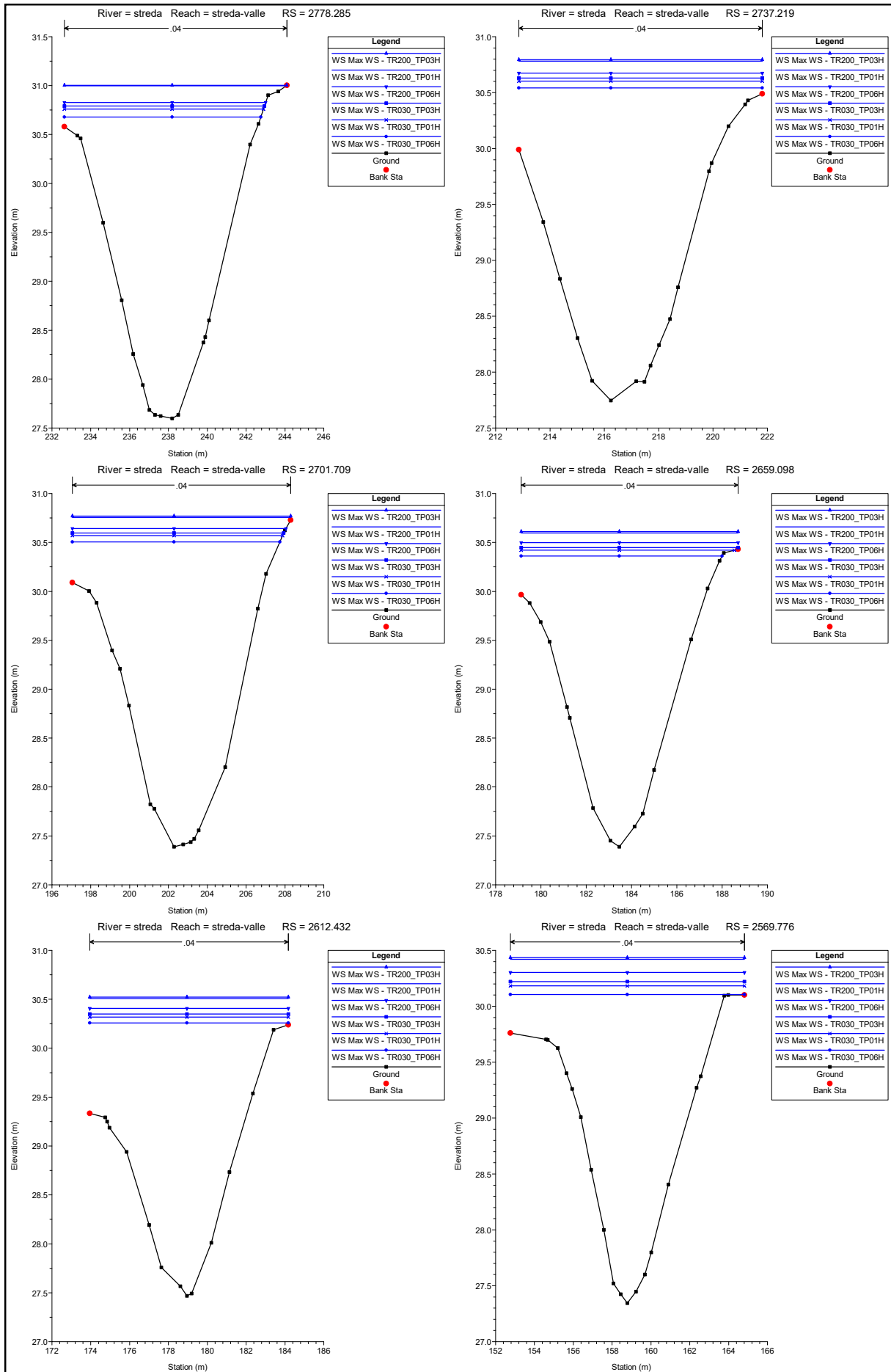


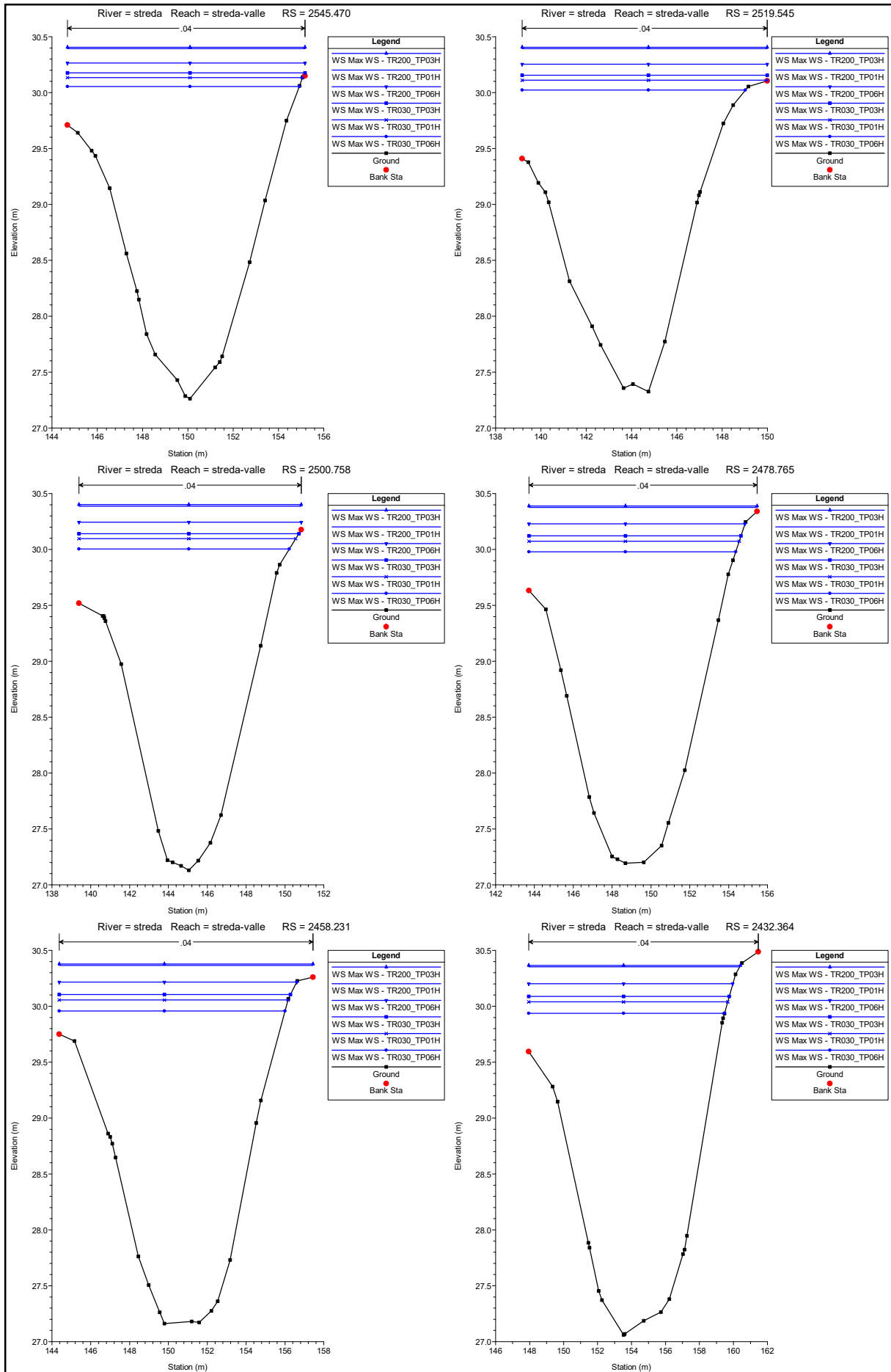


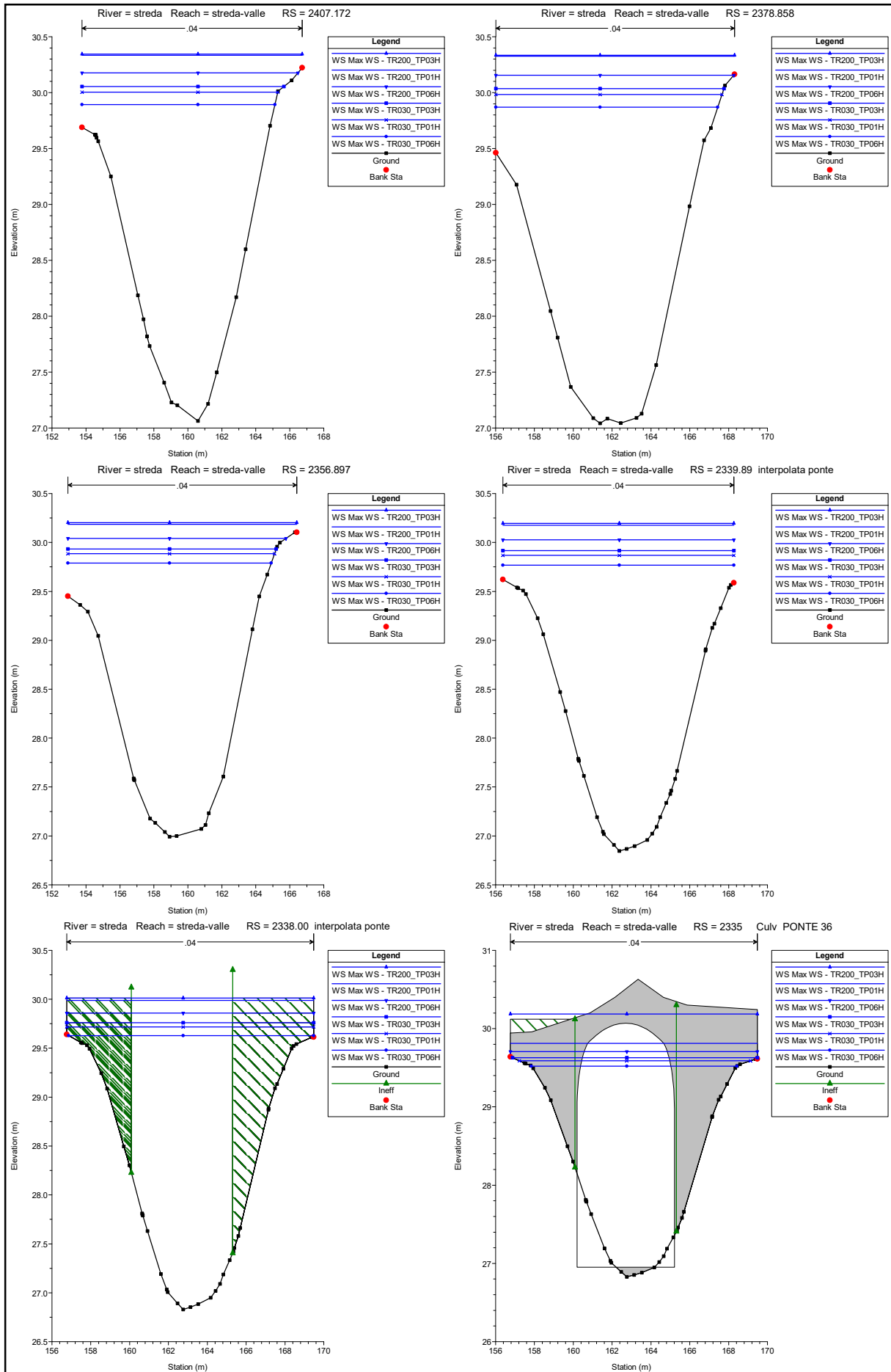


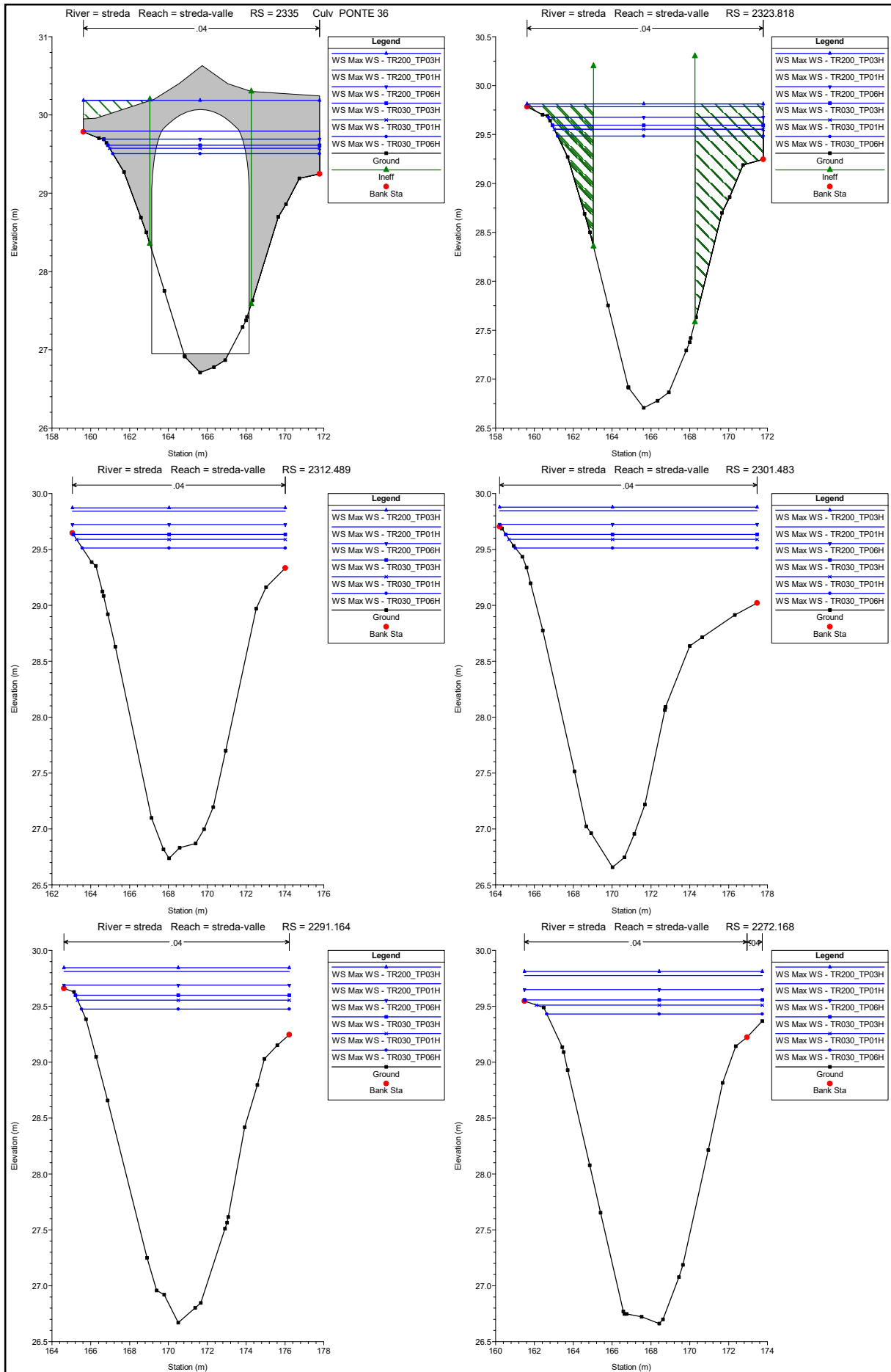


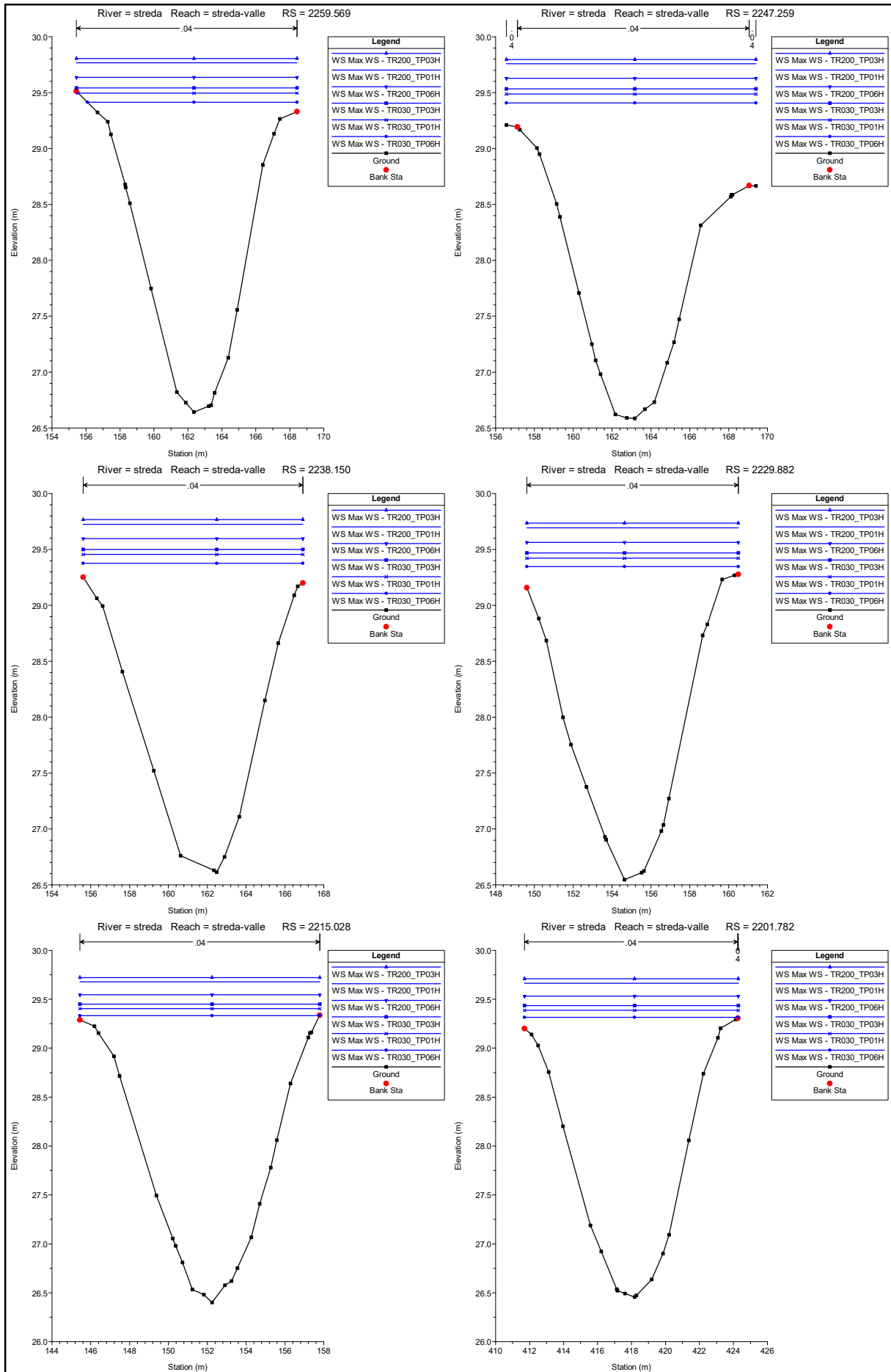


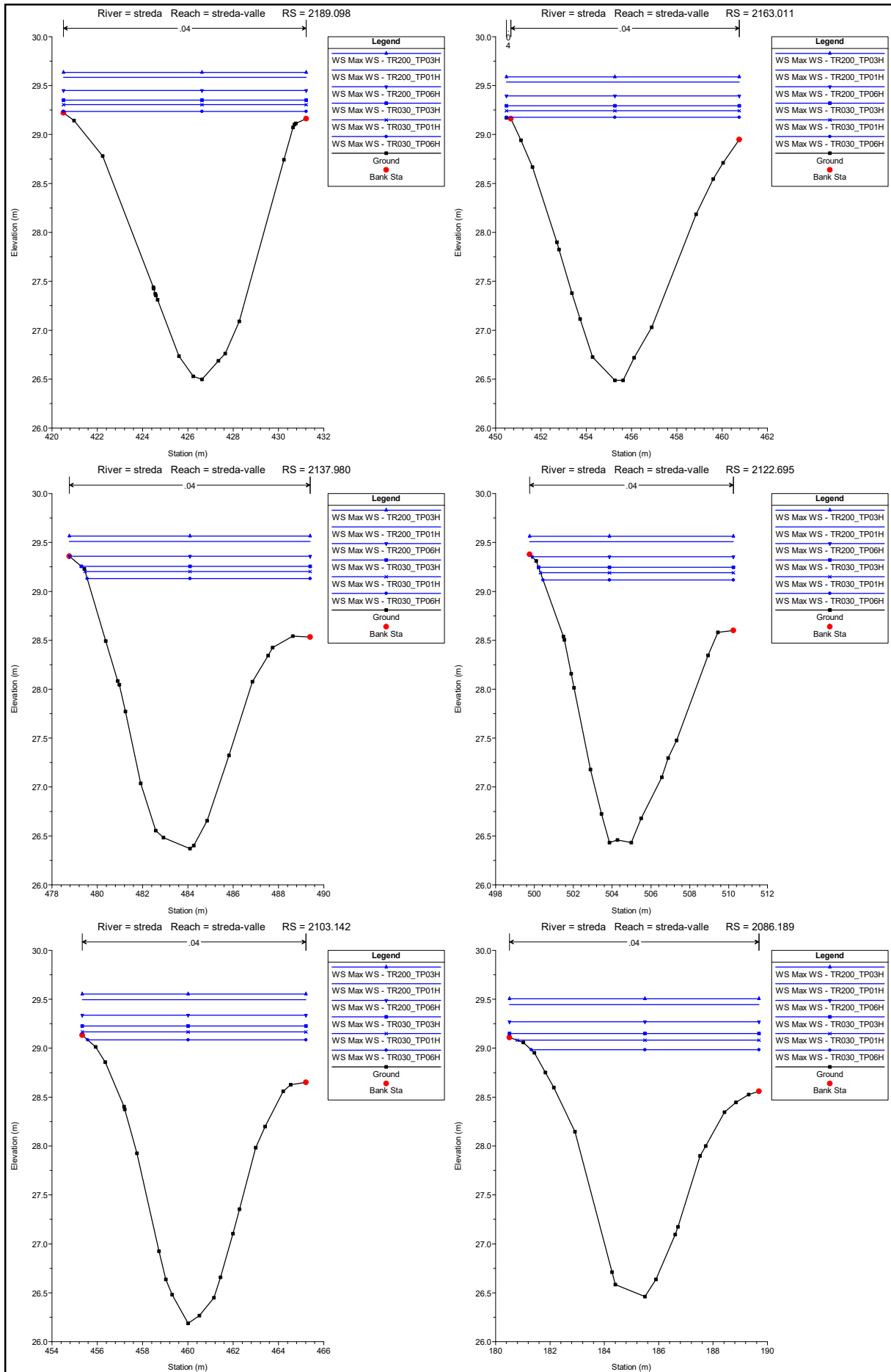


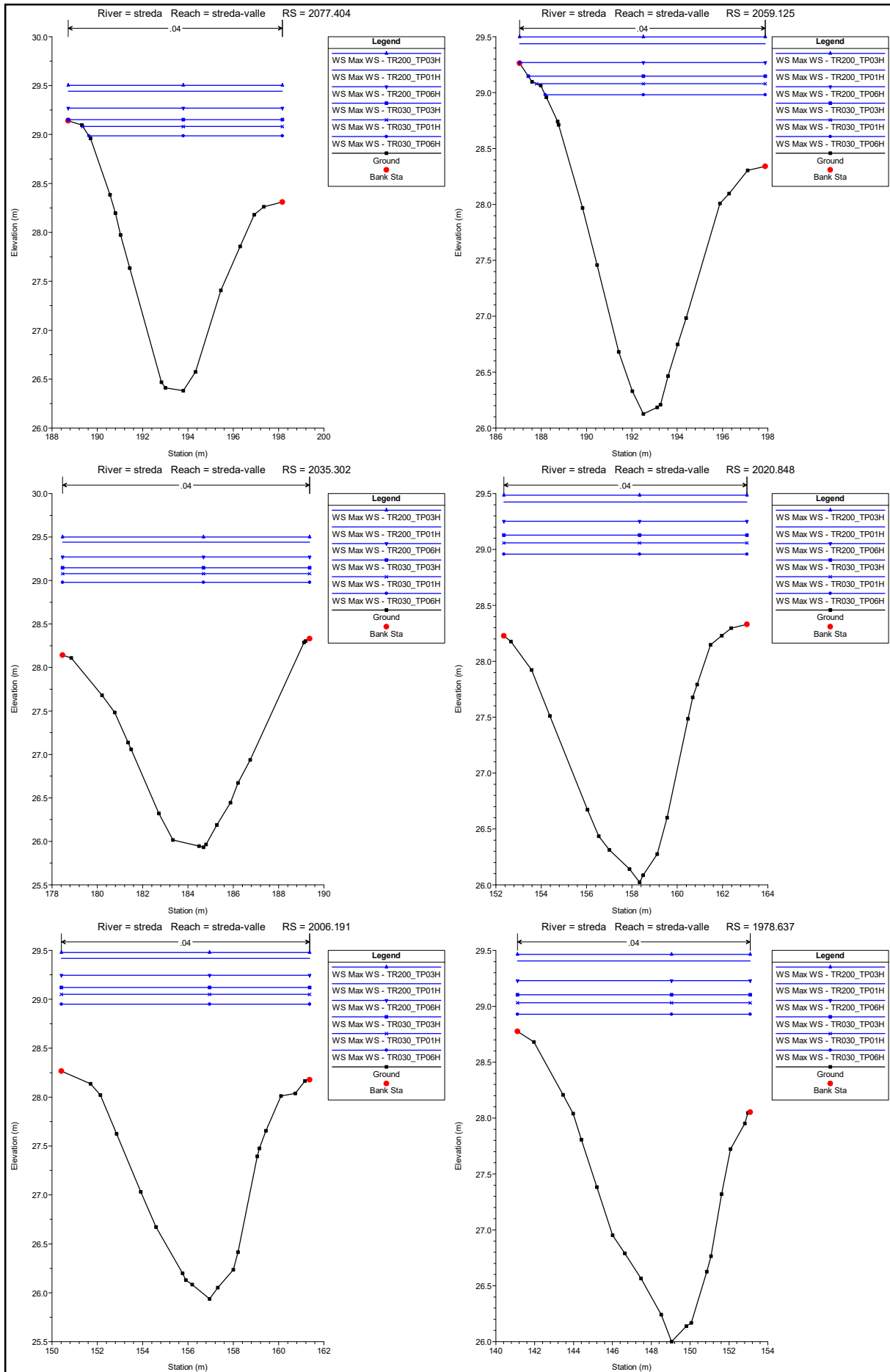


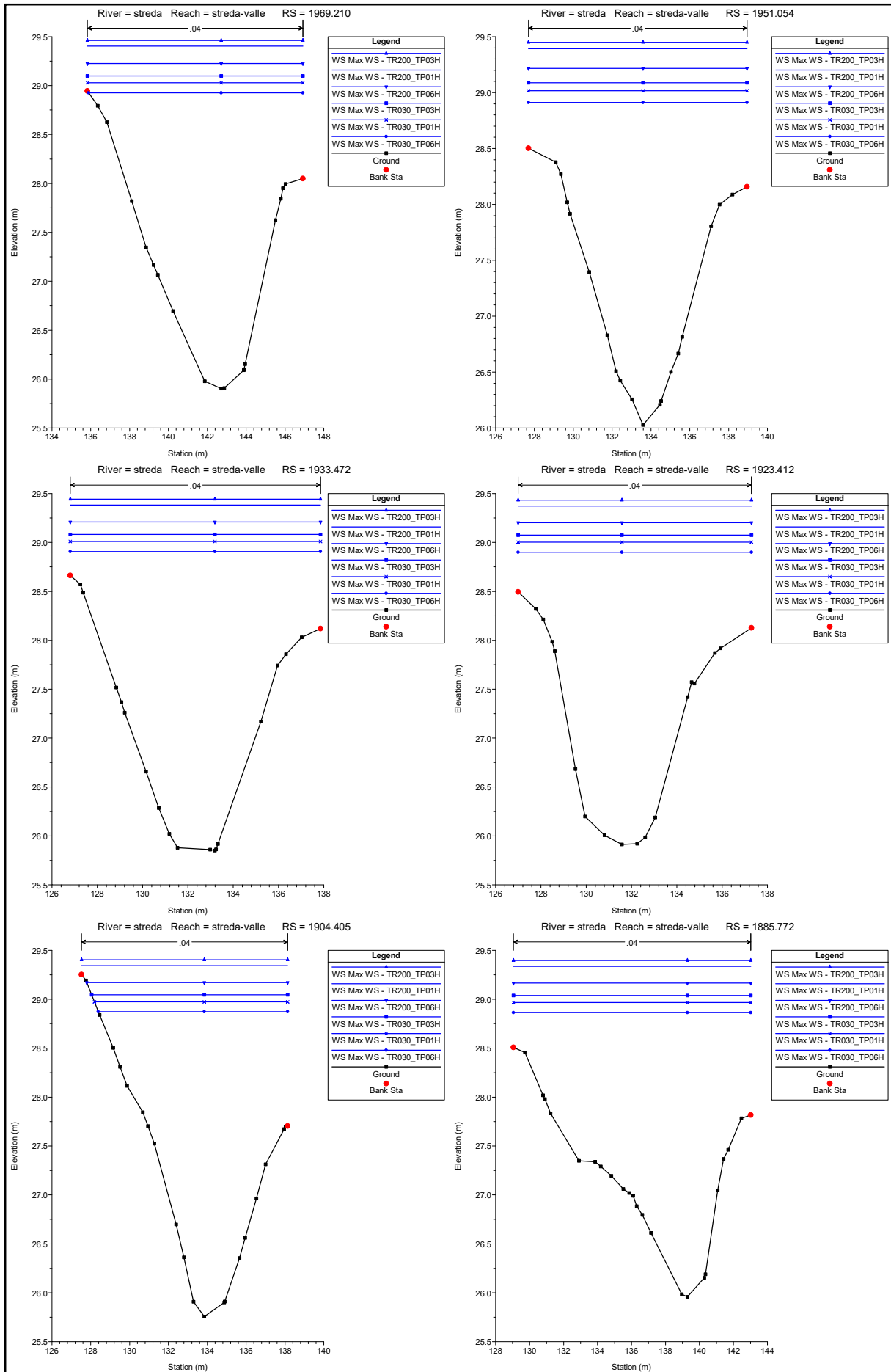


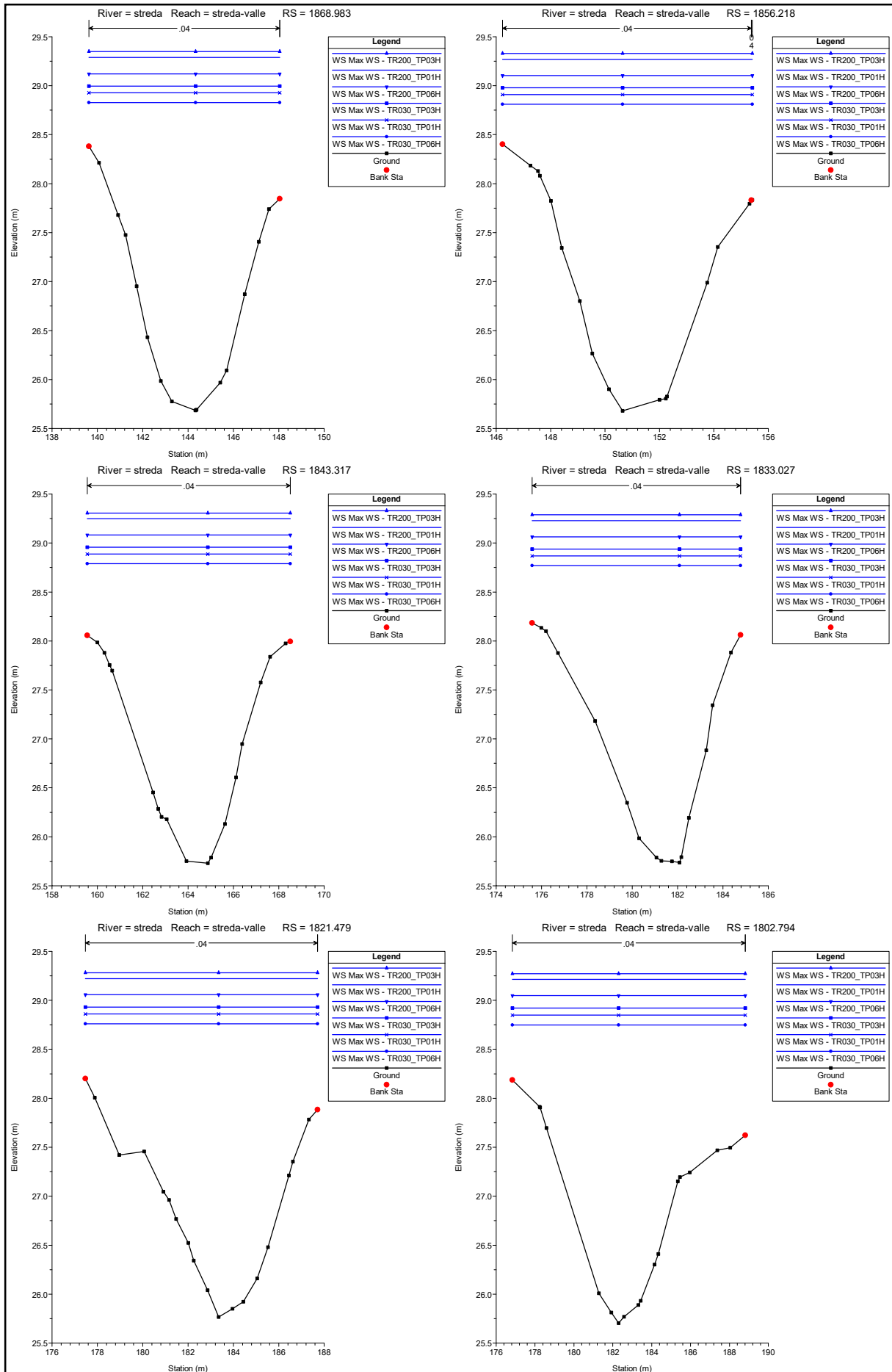


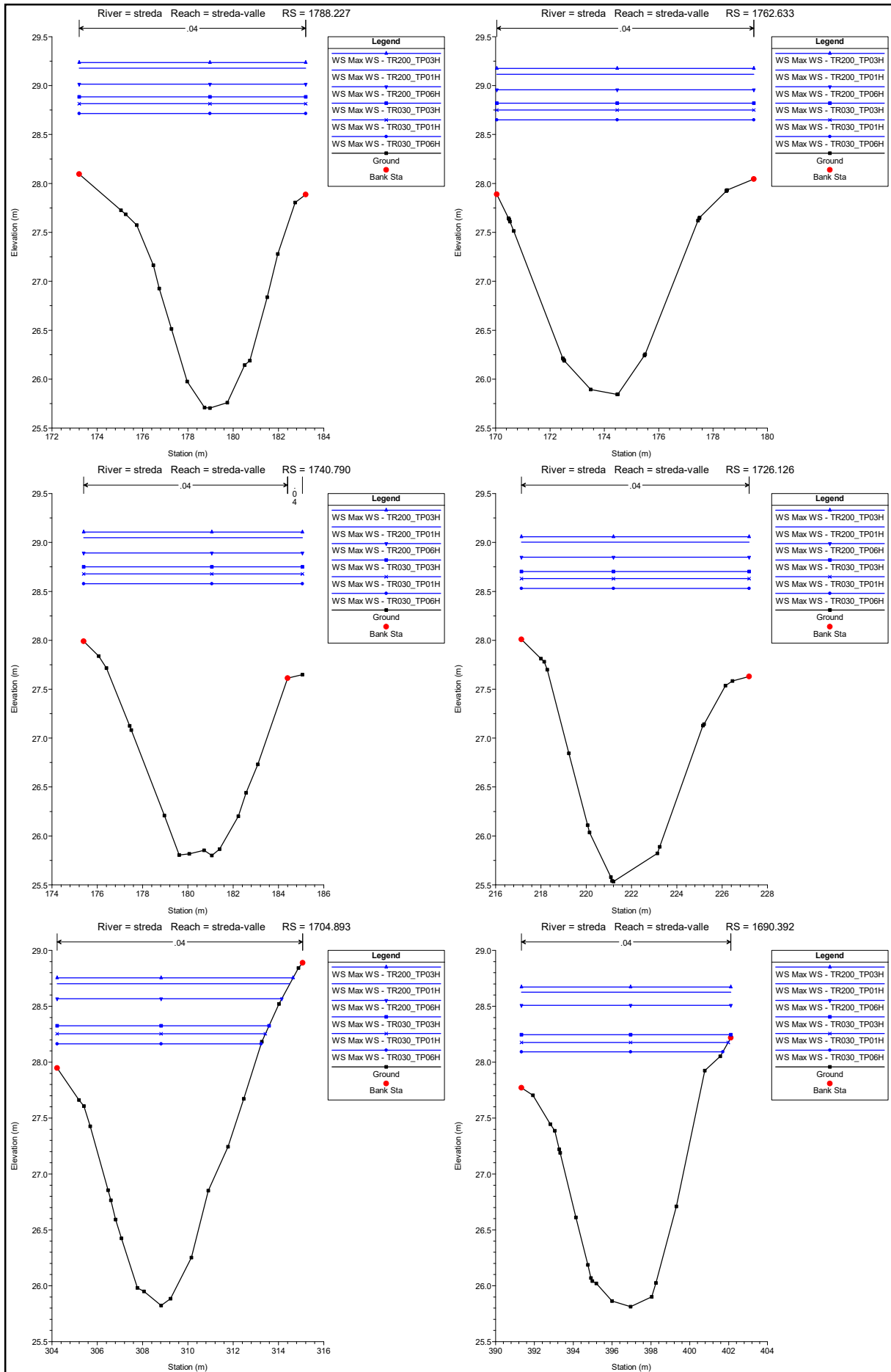


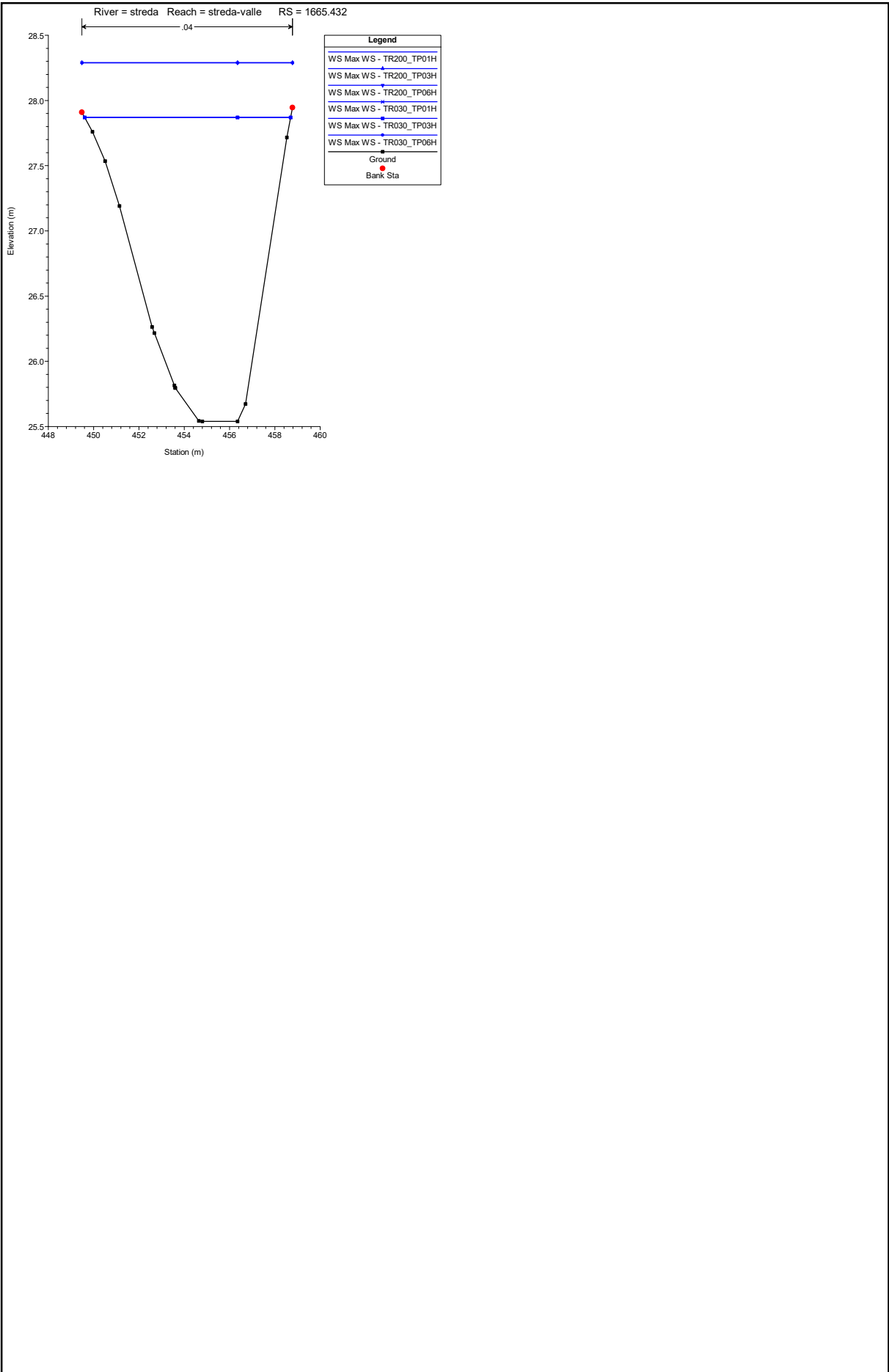












HEC-RAS Profile: Max WS

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
quercetelle	870.4736	Max WS	TR200_TP01H	55.50	42.03	44.81		45.55	0.016993	3.79	14.64	8.78	0.94
quercetelle	870.4736	Max WS	TR200_TP03H	42.40	42.03	44.67		45.18	0.012898	3.16	13.40	8.78	0.82
quercetelle	870.4736	Max WS	TR200_TP06H	25.50	42.03	44.29		44.62	0.011081	2.54	10.05	8.78	0.76
quercetelle	870.4736	Max WS	TR030_TP01H	36.30	42.03	44.56		44.99	0.011982	2.93	12.38	8.78	0.79
quercetelle	870.4736	Max WS	TR030_TP03H	28.60	42.03	44.38		44.73	0.011179	2.65	10.81	8.78	0.76
quercetelle	870.4736	Max WS	TR030_TP06H	16.70	42.03	43.86		44.20	0.013787	2.60	6.43	6.60	0.84
quercetelle	869.99												
quercetelle	869.98												
quercetelle	842.8385	Max WS	TR200_TP01H	51.45	41.89	44.84		45.27	0.008566	2.88	17.86	9.78	0.68
quercetelle	842.8385	Max WS	TR200_TP03H	39.48	41.89	44.67		44.97	0.006781	2.44	16.16	9.78	0.61
quercetelle	842.8385	Max WS	TR200_TP06H	25.11	41.89	44.14		44.41	0.008859	2.29	10.97	9.78	0.69
quercetelle	842.8385	Max WS	TR030_TP01H	34.16	41.89	44.51		44.79	0.006851	2.34	14.62	9.78	0.61
quercetelle	842.8385	Max WS	TR030_TP03H	27.81	41.89	44.26		44.53	0.007874	2.28	12.19	9.78	0.65
quercetelle	842.8385	Max WS	TR030_TP06H	16.70	41.89	43.67		43.95	0.009307	2.33	7.16	6.34	0.70
quercetelle	810.747	Max WS	TR200_TP01H	47.58	41.69	44.78		45.07	0.005076	2.39	19.88	9.59	0.53
quercetelle	810.747	Max WS	TR200_TP03H	38.65	41.69	44.54		44.78	0.004781	2.20	17.60	9.59	0.52
quercetelle	810.747	Max WS	TR200_TP06H	25.24	41.69	43.90		44.14	0.007091	2.20	11.49	9.30	0.63
quercetelle	810.747	Max WS	TR030_TP01H	34.09	41.69	44.36		44.59	0.005080	2.15	15.85	9.59	0.53
quercetelle	810.747	Max WS	TR030_TP03H	27.93	41.69	44.06		44.29	0.006134	2.15	13.01	9.59	0.59
quercetelle	810.747	Max WS	TR030_TP06H	16.70	41.69	43.46		43.67	0.006707	2.05	8.15	6.97	0.60
quercetelle	792.9161	Max WS	TR200_TP01H	42.65	41.57	44.86		44.99	0.002100	1.63	26.16	12.39	0.36
quercetelle	792.9161	Max WS	TR200_TP03H	37.46	41.57	44.55		44.69	0.002591	1.68	22.36	12.39	0.40
quercetelle	792.9161	Max WS	TR200_TP06H	25.31	41.57	43.86		44.02	0.003647	1.78	14.22	9.82	0.47
quercetelle	792.9161	Max WS	TR030_TP01H	33.73	41.57	44.35		44.49	0.003032	1.70	19.80	12.39	0.43
quercetelle	792.9161	Max WS	TR030_TP03H	28.15	41.57	44.02		44.18	0.003439	1.78	15.83	10.47	0.46
quercetelle	792.9161	Max WS	TR030_TP06H	16.70	41.57	43.41		43.55	0.004023	1.65	10.11	8.50	0.48
quercetelle	781	Max WS	TR200_TP01H	42.41	41.57	44.72		44.96	0.001670	2.17	19.53	11.65	0.39
quercetelle	781	Max WS	TR200_TP03H	37.34	41.57	44.44		44.67	0.001763	2.10	17.81	11.15	0.40
quercetelle	781	Max WS	TR200_TP06H	25.31	41.57	43.85		44.01	0.001756	1.79	14.12	10.08	0.38
quercetelle	781	Max WS	TR030_TP01H	33.76	41.57	44.26		44.47	0.001795	2.03	16.67	10.82	0.39
quercetelle	781	Max WS	TR030_TP03H	28.14	41.57	43.99		44.17	0.001785	1.88	14.97	10.33	0.39
quercetelle	781	Max WS	TR030_TP06H	16.70	41.57	43.42		43.53	0.001537	1.46	11.45	9.31	0.34
quercetelle	780												
quercetelle	779												
quercetelle	779	Max WS	TR200_TP01H	42.41	41.57	44.04		44.43	0.003788	2.78	15.28	10.42	0.56
quercetelle	779	Max WS	TR200_TP03H	37.34	41.57	43.95		44.27	0.003328	2.54	14.72	10.25	0.53
quercetelle	779	Max WS	TR200_TP06H	25.31	41.57	43.63		43.83	0.002440	1.98	12.79	9.70	0.44
quercetelle	779	Max WS	TR030_TP01H	33.76	41.57	43.87		44.16	0.003035	2.37	14.24	10.12	0.50
quercetelle	779	Max WS	TR030_TP03H	28.14	41.57	43.72		43.95	0.002626	2.11	13.33	9.85	0.46
quercetelle	779	Max WS	TR030_TP06H	16.70	41.57	43.31		43.44	0.001866	1.55	10.80	9.12	0.37
quercetelle	778.99												
quercetelle	778.98												
quercetelle	777.7347	Max WS	TR200_TP01H	42.41	41.41	43.88		44.37	0.012269	3.10	13.70	10.07	0.85
quercetelle	777.7347	Max WS	TR200_TP03H	37.34	41.41	43.73		44.21	0.013252	3.06	12.21	9.80	0.88
quercetelle	777.7347	Max WS	TR200_TP06H	25.31	41.41	43.40		43.78	0.011702	2.75	9.22	7.81	0.81
quercetelle	777.7347	Max WS	TR030_TP01H	33.75	41.41	43.63		44.09	0.013181	3.00	11.25	9.25	0.87
quercetelle	777.7347	Max WS	TR030_TP03H	28.14	41.41	43.48		43.89	0.012407	2.85	9.88	8.32	0.83
quercetelle	777.7347	Max WS	TR030_TP06H	16.70	41.41	43.12		43.39	0.009317	2.30	7.26	6.76	0.71
quercetelle	732.1934	Max WS	TR200_TP01H	37.27	41.00	43.38		43.92	0.014108	3.25	11.48	7.71	0.85
quercetelle	732.1934	Max WS	TR200_TP03H	32.77	41.00	43.30		43.76	0.012384	3.01	10.89	7.43	0.79
quercetelle	732.1934	Max WS	TR200_TP06H	22.51	41.00	43.11		43.39	0.007955	2.36	9.53	6.70	0.63
quercetelle	732.1934	Max WS	TR030_TP01H	29.50	41.00	43.23		43.64	0.011194	2.83	10.41	7.21	0.75
quercetelle	732.1934	Max WS	TR030_TP03H	24.92	41.00	43.15		43.48	0.009117	2.54	9.82	6.88	0.68
quercetelle	732.1934	Max WS	TR030_TP06H	15.11	41.00	42.92		43.09	0.004959	1.81	8.34	6.18	0.50
quercetelle	686.8303	Max WS	TR200_TP01H	30.13	40.53	43.34		43.51	0.004149	1.83	16.45	10.39	0.46
quercetelle	686.8303	Max WS	TR200_TP03H	26.59	40.53	43.25		43.40	0.003835	1.71	15.54	10.39	0.45
quercetelle	686.8303	Max WS	TR200_TP06H	18.95	40.53	43.04		43.14	0.003110	1.42	13.34	10.39	0.40
quercetelle	686.8303	Max WS	TR030_TP01H	24.07	40.53	43.18		43.31	0.003659	1.63	14.78	10.39	0.44
quercetelle	686.8303	Max WS	TR030_TP03H	20.69	40.53	43.09		43.20	0.003324	1.50	13.82	10.39	0.41
quercetelle	686.8303	Max WS	TR030_TP06H	13.63	40.53	42.84		42.91	0.002744	1.21	11.22	10.39	0.37
quercetelle	652.3085	Max WS	TR200_TP01H	29.04	40.15	42.88		43.22	0.010311	2.58	11.28	7.80	0.68
quercetelle	652.3085	Max WS	TR200_TP03H	26.28	40.15	42.79		43.11	0.010231	2.48	10.58	7.80	0.68
quercetelle	652.3085	Max WS	TR200_TP06H	20.22	40.15	42.58		42.84	0.010050	2.26	8.94	7.80	0.67
quercetelle	652.3085	Max WS	TR030_TP01H	24.10	40.15	42.72		43.02	0.010148	2.41	10.01	7.80	0.68
quercetelle	652.3085	Max WS	TR030_TP03H	21.52	40.15	42.64		42.91	0.009872	2.30	9.37	7.80	0.67
quercetelle	652.3085	Max WS	TR030_TP06H	15.31	40.15	42.37		42.60	0.010890	2.11	7.27	7.80	0.70
quercetelle	612.0417	Max WS	TR200_TP01H	25.74	39.87	42.84		42.92	0.001714	1.28	20.06	11.79	0.31
quercetelle	612.0417	Max WS	TR200_TP03H	23.42	39.87	42.73		42.81	0.001720	1.24	18.82	11.79	0.31
quercetelle	612.0417	Max WS	TR200_TP06H	18.50	39.87	42.49		42.56	0.001786	1.16	15.93	11.79	0.32
quercetelle	612.0417	Max WS	TR030_TP01H	21.53	39.87	42.65		42.73	0.001705	1.21	17.86	11.79	0.31
quercetelle	612.0417	Max WS	TR030_TP03H	19.38	39.87	42.56		42.63	0.001677	1.16	16.76	11.79	0.31
quercetelle	612.0417	Max WS	TR030_TP06H	14.79	39.87	42.21		42.28	0.002325	1.17	12.66	11.79	0.36
quercetelle	584.5545	Max WS	TR200_TP01H	26.33	39.72	42.71		42.85	0.003039	1.68	15.83	9.59	0.41
quercetelle	584.5545	Max WS	TR200_TP03H	24.00	39.72	42.60		42.74	0.003086	1.63	14.84	9.59	0.42
quercetelle	584.5545	Max WS	TR200_TP06H	18.67	39.72	42.37		42.49	0.003089	1.48	12.64	9.59	0.41
quercetelle	584.5545	Max WS	TR030_TP01H	21.94	39.72	42.53		42.66	0.002993	1.56	14.15	9.59	0.41
quercetelle	584.5545	Max WS	TR030_TP03H	19.49	39.72	42.45		42.56	0.002799	1.46	13.40	9.59	0.39
quercetelle	584.5545	Max WS	TR030_TP06H	15.05	39.72	42.05		42.17	0.004938	1.59	9.50	9.59	0.50

HEC-RAS Profile: Max WS (Continued)

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
quercetelle	552.1838	Max WS	TR200_TP01H	27.47	39.54	42.32		42.61	0.009639	2.41	11.41	8.24	0.65
quercetelle	552.1838	Max WS	TR200_TP03H	25.00	39.54	42.17		42.48	0.011274	2.45	10.18	8.24	0.71
quercetelle	552.1838	Max WS	TR200_TP06H	19.25	39.54	41.77		42.16	0.016895	2.76	6.97	6.41	0.85
quercetelle	552.1838	Max WS	TR030_TP01H	22.72	39.54	41.99		42.34	0.015114	2.61	8.69	8.24	0.81
quercetelle	552.1838	Max WS	TR030_TP03H	20.23	39.54	41.88		42.22	0.016808	2.60	7.79	8.24	0.85
quercetelle	552.1838	Max WS	TR030_TP06H	15.15	39.54	41.52		41.87	0.013059	2.63	5.77	4.27	0.72
quercetelle	551.99												
quercetelle	551.98												
quercetelle	528.18	Max WS	TR200_TP01H	27.65	39.39	42.21	41.34	42.39	0.003758	1.83	15.10	8.85	0.45
quercetelle	528.18	Max WS	TR200_TP03H	25.05	39.39	42.05	41.25	42.22	0.004089	1.83	13.65	8.61	0.47
quercetelle	528.18	Max WS	TR200_TP06H	19.28	39.39	41.60	41.03	41.79	0.006026	1.95	9.90	7.95	0.56
quercetelle	528.18	Max WS	TR030_TP01H	22.76	39.39	41.82	41.17	42.01	0.005208	1.94	11.71	8.28	0.52
quercetelle	528.18	Max WS	TR030_TP03H	20.25	39.39	41.69	41.07	41.87	0.005409	1.90	10.64	8.09	0.53
quercetelle	528.18	Max WS	TR030_TP06H	15.16	39.39	41.38	40.84	41.55	0.005452	1.82	8.34	6.82	0.53
quercetelle	525												
quercetelle	520.18	Max WS	TR200_TP01H	27.63	39.34	41.94		42.15	0.005200	2.02	13.71	9.65	0.54
quercetelle	520.18	Max WS	TR200_TP03H	25.05	39.34	41.83		42.03	0.005351	1.98	12.66	9.43	0.55
quercetelle	520.18	Max WS	TR200_TP06H	19.27	39.34	41.57		41.75	0.005551	1.88	10.27	8.62	0.55
quercetelle	520.18	Max WS	TR030_TP01H	22.76	39.34	41.75		41.94	0.005178	1.90	11.96	9.28	0.54
quercetelle	520.18	Max WS	TR030_TP03H	20.25	39.34	41.67		41.84	0.004925	1.81	11.22	9.12	0.52
quercetelle	520.18	Max WS	TR030_TP06H	15.16	39.34	41.35		41.51	0.005408	1.78	8.53	7.54	0.53
quercetelle	496.7836	Max WS	TR200_TP01H	28.31	39.20	41.80		41.99	0.006532	1.95	14.49	13.56	0.60
quercetelle	496.7836	Max WS	TR200_TP03H	25.42	39.20	41.65		41.86	0.008204	2.03	12.49	13.17	0.67
quercetelle	496.7836	Max WS	TR200_TP06H	19.32	39.20	41.27		41.56	0.009632	2.35	8.21	7.44	0.72
quercetelle	496.7836	Max WS	TR030_TP01H	22.89	39.20	41.54		41.76	0.009569	2.07	11.08	12.89	0.71
quercetelle	496.7836	Max WS	TR030_TP03H	20.32	39.20	41.41		41.65	0.011257	2.14	9.48	11.72	0.76
quercetelle	496.7836	Max WS	TR030_TP06H	15.17	39.20	40.95		41.28	0.013474	2.52	6.01	6.30	0.82
quercetelle	449.0252	Max WS	TR200_TP01H	35.04	38.75	41.43		41.63	0.004249	2.00	17.52	10.58	0.50
quercetelle	449.0252	Max WS	TR200_TP03H	30.58	38.75	41.28		41.47	0.004298	1.92	15.94	10.58	0.50
quercetelle	449.0252	Max WS	TR200_TP06H	21.68	38.75	40.99		41.13	0.003364	1.65	13.10	9.11	0.44
quercetelle	449.0252	Max WS	TR030_TP01H	27.03	38.75	41.17		41.34	0.003936	1.82	14.86	10.03	0.48
quercetelle	449.0252	Max WS	TR030_TP03H	23.30	38.75	41.06		41.21	0.003384	1.69	13.78	9.25	0.44
quercetelle	449.0252	Max WS	TR030_TP06H	15.92	38.75	40.61		40.75	0.004147	1.62	9.81	8.54	0.48
quercetelle	376.9493	Max WS	TR200_TP01H	34.92	38.54	41.21		41.36	0.002689	1.67	20.96	12.47	0.41
quercetelle	376.9493	Max WS	TR200_TP03H	31.55	38.54	41.03		41.17	0.002959	1.69	18.68	11.78	0.43
quercetelle	376.9493	Max WS	TR200_TP06H	25.02	38.54	40.66		40.81	0.003974	1.73	14.44	11.30	0.49
quercetelle	376.9493	Max WS	TR030_TP01H	29.72	38.54	40.87		41.03	0.003522	1.76	16.88	11.54	0.46
quercetelle	376.9493	Max WS	TR030_TP03H	27.06	38.54	40.72		40.88	0.004006	1.78	15.17	11.37	0.49
quercetelle	376.9493	Max WS	TR030_TP06H	16.69	38.54	40.30		40.43	0.004115	1.57	10.65	10.03	0.49
quercetelle	326.9481	Max WS	TR200_TP01H	41.81	38.35	40.89		41.10	0.004017	2.05	20.39	11.35	0.49
quercetelle	326.9481	Max WS	TR200_TP03H	36.42	38.35	40.75		40.94	0.003880	1.94	18.81	11.35	0.48
quercetelle	326.9481	Max WS	TR200_TP06H	25.03	38.35	40.49		40.62	0.003040	1.57	15.92	11.35	0.42
quercetelle	326.9481	Max WS	TR030_TP01H	32.03	38.35	40.65		40.82	0.003597	1.81	17.72	11.35	0.46
quercetelle	326.9481	Max WS	TR030_TP03H	27.28	38.35	40.55		40.69	0.003207	1.65	16.55	11.35	0.44
quercetelle	326.9481	Max WS	TR030_TP06H	16.69	38.35	40.13		40.23	0.003212	1.41	11.86	10.82	0.43
quercetelle	285.5304	Max WS	TR200_TP01H	41.53	38.08	40.66		40.90	0.005475	2.19	18.92	12.97	0.58
quercetelle	285.5304	Max WS	TR200_TP03H	35.72	38.08	40.55		40.76	0.005090	2.03	17.56	12.97	0.56
quercetelle	285.5304	Max WS	TR200_TP06H	24.48	38.08	40.36		40.50	0.003397	1.61	15.17	11.75	0.45
quercetelle	285.5304	Max WS	TR030_TP01H	30.96	38.08	40.50		40.67	0.004369	1.84	16.83	12.97	0.52
quercetelle	285.5304	Max WS	TR030_TP03H	26.51	38.08	40.41		40.56	0.003676	1.68	15.78	12.23	0.47
quercetelle	285.5304	Max WS	TR030_TP06H	16.68	38.08	39.99		40.10	0.003180	1.48	11.24	9.29	0.43
quercetelle	263.7947	Max WS	TR200_TP01H	39.13	37.99	40.56		40.78	0.004673	2.07	18.91	12.34	0.53
quercetelle	263.7947	Max WS	TR200_TP03H	35.40	37.99	40.45		40.66	0.004749	2.01	17.61	12.34	0.54
quercetelle	263.7947	Max WS	TR200_TP06H	24.23	37.99	40.30		40.42	0.003125	1.54	15.77	12.34	0.43
quercetelle	263.7947	Max WS	TR030_TP01H	30.34	37.99	40.43		40.58	0.003700	1.76	17.28	12.34	0.47
quercetelle	263.7947	Max WS	TR030_TP03H	26.13	37.99	40.35		40.48	0.003237	1.60	16.38	12.34	0.44
quercetelle	263.7947	Max WS	TR030_TP06H	16.67	37.99	39.93		40.03	0.002967	1.43	11.64	9.71	0.42
quercetelle	262.99												
quercetelle	262.98												
quercetelle	162.7448	Max WS	TR200_TP01H	30.26	37.58	40.23		40.40	0.003446	1.82	16.70	10.72	0.46
quercetelle	162.7448	Max WS	TR200_TP03H	29.69	37.58	40.03		40.24	0.004899	2.05	14.50	9.92	0.54
quercetelle	162.7448	Max WS	TR200_TP06H	24.44	37.58	39.76		39.97	0.005607	2.05	11.92	9.10	0.57
quercetelle	162.7448	Max WS	TR030_TP01H	27.99	37.58	39.89		40.12	0.005666	2.13	13.13	9.50	0.58
quercetelle	162.7448	Max WS	TR030_TP03H	25.84	37.58	39.80		40.02	0.005746	2.10	12.30	9.20	0.58
quercetelle	162.7448	Max WS	TR030_TP06H	16.67	37.58	39.48		39.63	0.004787	1.75	9.51	8.17	0.52
quercetelle	101.9067	Max WS	TR200_TP01H	23.74	37.25	40.18		40.26	0.001444	1.30	18.33	8.33	0.28
quercetelle	101.9067	Max WS	TR200_TP03H	23.12	37.25	39.98		40.08	0.001792	1.39	16.67	8.33	0.31
quercetelle	101.9067	Max WS	TR200_TP06H	20.90	37.25	39.62		39.74	0.002587	1.53	13.68	8.33	0.38
quercetelle	101.9067	Max WS	TR030_TP01H	21.92	37.25	39.81		39.92	0.002059	1.43	15.30	8.33	0.34
quercetelle	101.9067	Max WS	TR030_TP03H	20.64	37.25	39.71		39.81	0.002170	1.43	14.41	8.33	0.35
quercetelle	101.9067	Max WS	TR030_TP06H	16.59	37.25	39.25		39.37	0.003471	1.57	10.59	8.33	0.44
quercetelle	67.7931	Max WS	TR200_TP01H	23.41	36.42	40.16		40.22	0.000925	1.08	21.68	9.14	0.22
quercetelle	67.7931	Max WS	TR200_TP03H	21.76	36.42	39.96		40.02	0.001028	1.10	19.85	9.14	0.24
quercetelle	67.7931	Max WS	TR200_TP06H	19.02	36.42	39.61		39.68	0.001312	1.14	16.63	9.14	0.27
quercetelle	67.7931	Max WS	TR030_TP01H	20.45	36.42	39.80		39.86	0.001135	1.11	18.37	9.14	0.25
quercetelle	67.7931	Max WS	TR030_TP03H	19.57	36.42	39.69		39.75	0.001230	1.13	17.33	9.14	0.26
quercetelle	67.7931	Max WS	TR030_TP06H	15.56	36.42	39.21		39.28	0.001651	1.19	13.07	8.44	0.31

HEC-RAS Profile: Max WS (Continued)

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
quercetelle	39.84789	Max WS	TR200_TP01H	16.63	36.36	40.25		40.26	0.000095	0.44	38.88	15.59	0.09
quercetelle	39.84789	Max WS	TR200_TP03H	16.30	36.36	40.00		40.01	0.000129	0.47	35.00	15.59	0.10
quercetelle	39.84789	Max WS	TR200_TP06H	15.45	36.36	39.65		39.66	0.000200	0.53	29.55	15.59	0.12
quercetelle	39.84789	Max WS	TR030_TP01H	15.50	36.36	39.83		39.84	0.000150	0.49	32.37	15.59	0.11
quercetelle	39.84789	Max WS	TR030_TP03H	14.73	36.36	39.71		39.73	0.000164	0.49	30.55	15.59	0.11
quercetelle	39.84789	Max WS	TR030_TP06H	13.72	36.36	39.22		39.24	0.000358	0.60	22.91	15.35	0.16
quercetelle	11.20746	Max WS	TR200_TP01H	31.42	36.22	40.05		40.15	0.001533	1.42	22.11	8.60	0.28
quercetelle	11.20746	Max WS	TR200_TP03H	24.16	36.22	39.90		39.96	0.001079	1.16	20.77	8.60	0.24
quercetelle	11.20746	Max WS	TR200_TP06H	19.36	36.22	39.57		39.63	0.001047	1.08	17.96	8.60	0.24
quercetelle	11.20746	Max WS	TR030_TP01H	21.47	36.22	39.74		39.81	0.001023	1.10	19.47	8.60	0.23
quercetelle	11.20746	Max WS	TR030_TP03H	19.10	36.22	39.64		39.70	0.000923	1.03	18.59	8.60	0.22
quercetelle	11.20746	Max WS	TR030_TP06H	14.62	36.22	39.17		39.22	0.001107	1.01	14.50	8.60	0.25
rondinella	1064.06	Max WS	TR200_TP01H	50.10	41.01	43.66	43.61	44.44	0.017298	3.92	12.76	7.42	0.96
rondinella	1064.06	Max WS	TR200_TP03H	39.40	41.01	43.46		44.08	0.015402	3.50	11.25	7.42	0.91
rondinella	1064.06	Max WS	TR200_TP06H	23.90	41.01	43.14		43.51	0.011167	2.68	8.90	7.30	0.78
rondinella	1064.06	Max WS	TR030_TP01H	33.50	41.01	43.34		43.87	0.013982	3.22	10.40	7.42	0.87
rondinella	1064.06	Max WS	TR030_TP03H	26.60	41.01	43.19		43.61	0.012156	2.85	9.32	7.38	0.81
rondinella	1064.06	Max WS	TR030_TP06H	15.70	41.01	42.91		43.15	0.008196	2.15	7.32	6.69	0.66
rondinella	1063.99												
rondinella	1063.98												
rondinella	1012.674	Max WS	TR200_TP01H	39.19	40.56	43.22		43.96	0.019439	3.81	10.30	5.79	0.91
rondinella	1012.674	Max WS	TR200_TP03H	31.03	40.56	43.12		43.64	0.014493	3.20	9.68	5.79	0.79
rondinella	1012.674	Max WS	TR200_TP06H	19.29	40.56	42.88		43.16	0.008643	2.32	8.32	5.79	0.62
rondinella	1012.674	Max WS	TR030_TP01H	26.55	40.56	43.04		43.46	0.012140	2.88	9.23	5.79	0.73
rondinella	1012.674	Max WS	TR030_TP03H	21.34	40.56	42.93		43.24	0.009645	2.48	8.59	5.79	0.65
rondinella	1012.674	Max WS	TR030_TP06H	13.41	40.56	42.67		42.85	0.006596	1.89	7.10	5.79	0.54
rondinella	947.747	Max WS	TR200_TP01H	27.76	40.10	43.06		43.26	0.004387	1.94	14.34	7.76	0.45
rondinella	947.747	Max WS	TR200_TP03H	23.73	40.10	42.90		43.07	0.004202	1.82	13.06	7.76	0.45
rondinella	947.747	Max WS	TR200_TP06H	17.24	40.10	42.61		42.74	0.003915	1.60	10.78	7.76	0.43
rondinella	947.747	Max WS	TR030_TP01H	21.37	40.10	42.80		42.95	0.004110	1.74	12.26	7.76	0.44
rondinella	947.747	Max WS	TR030_TP03H	18.46	40.10	42.66		42.80	0.004010	1.65	11.19	7.76	0.44
rondinella	947.747	Max WS	TR030_TP06H	13.10	40.10	42.39		42.49	0.003773	1.44	9.08	7.76	0.43
rondinella	945	Max WS	TR200_TP01H	27.74	40.08	43.09		43.22	0.002580	1.55	17.91	8.63	0.34
rondinella	945	Max WS	TR200_TP03H	23.88	40.08	42.92		43.03	0.002455	1.45	16.45	8.63	0.34
rondinella	945	Max WS	TR200_TP06H	17.38	40.08	42.62		42.70	0.002160	1.25	13.86	8.63	0.32
rondinella	945	Max WS	TR030_TP01H	21.54	40.08	42.82		42.92	0.002365	1.39	15.53	8.63	0.33
rondinella	945	Max WS	TR030_TP03H	18.62	40.08	42.68		42.76	0.002244	1.30	14.33	8.63	0.32
rondinella	945	Max WS	TR030_TP06H	13.19	40.08	42.40		42.46	0.001939	1.10	11.96	8.63	0.30
rondinella	940												
rondinella	935	Max WS	TR200_TP01H	27.74	40.08	42.87		43.06	0.004310	1.90	14.61	7.49	0.43
rondinella	935	Max WS	TR200_TP03H	23.88	40.08	42.72		42.88	0.004038	1.77	13.48	7.49	0.42
rondinella	935	Max WS	TR200_TP06H	17.38	40.08	42.47		42.58	0.003331	1.50	11.59	7.49	0.39
rondinella	935	Max WS	TR030_TP01H	21.47	40.08	42.63		42.77	0.003811	1.68	12.78	7.49	0.41
rondinella	935	Max WS	TR030_TP03H	18.59	40.08	42.51		42.64	0.003528	1.56	11.89	7.49	0.40
rondinella	935	Max WS	TR030_TP06H	13.19	40.08	42.26		42.35	0.002952	1.32	10.02	7.49	0.36
rondinella	932.3789	Max WS	TR200_TP01H	27.74	40.00	42.65		43.03	0.010380	2.72	10.22	6.04	0.67
rondinella	932.3789	Max WS	TR200_TP03H	23.88	40.00	42.54		42.86	0.009459	2.51	9.50	6.04	0.64
rondinella	932.3789	Max WS	TR200_TP06H	17.32	40.00	42.35		42.57	0.007187	2.07	8.37	6.04	0.56
rondinella	932.3789	Max WS	TR030_TP01H	21.44	40.00	42.47		42.75	0.008641	2.36	9.10	6.04	0.61
rondinella	932.3789	Max WS	TR030_TP03H	18.57	40.00	42.37		42.62	0.007838	2.18	8.52	6.04	0.59
rondinella	932.3789	Max WS	TR030_TP06H	13.18	40.00	42.17		42.33	0.006270	1.81	7.28	6.04	0.53
rondinella	931.99												
rondinella	931.98												
rondinella	924.65	Max WS	TR200_TP01H	27.33	39.95	42.60		42.96	0.009654	2.64	10.34	6.07	0.65
rondinella	924.65	Max WS	TR200_TP03H	23.72	39.95	42.48		42.79	0.009057	2.48	9.58	6.07	0.63
rondinella	924.65	Max WS	TR200_TP06H	17.81	39.95	42.25		42.49	0.007972	2.17	8.21	6.07	0.60
rondinella	924.65	Max WS	TR030_TP01H	21.43	39.95	42.40		42.68	0.008527	2.35	9.12	6.07	0.61
rondinella	924.65	Max WS	TR030_TP03H	18.83	39.95	42.30		42.55	0.008094	2.22	8.49	6.07	0.60
rondinella	924.65	Max WS	TR030_TP06H	14.18	39.95	42.02		42.24	0.008745	2.08	6.81	6.07	0.63
rondinella	851.2299	Max WS	TR200_TP01H	27.26	39.50	41.92		42.27	0.009095	2.62	10.41	6.41	0.66
rondinella	851.2299	Max WS	TR200_TP03H	24.11	39.50	41.85		42.15	0.008038	2.42	9.97	6.41	0.62
rondinella	851.2299	Max WS	TR200_TP06H	18.52	39.50	41.70		41.91	0.006388	2.06	8.99	6.41	0.56
rondinella	851.2299	Max WS	TR030_TP01H	21.90	39.50	41.82		42.08	0.007018	2.24	9.78	6.41	0.58
rondinella	851.2299	Max WS	TR030_TP03H	19.85	39.50	41.72		41.96	0.007056	2.18	9.12	6.41	0.58
rondinella	851.2299	Max WS	TR030_TP06H	14.19	39.50	41.55		41.71	0.005193	1.76	8.04	6.41	0.50
rondinella	772.3228	Max WS	TR200_TP01H	16.91	39.27	41.72		41.90	0.004917	1.84	9.18	5.57	0.46
rondinella	772.3228	Max WS	TR200_TP03H	15.32	39.27	41.64		41.80	0.004656	1.76	8.73	5.57	0.45
rondinella	772.3228	Max WS	TR200_TP06H	12.05	39.27	41.47		41.59	0.003994	1.55	7.78	5.57	0.42
rondinella	772.3228	Max WS	TR030_TP01H	13.36	39.27	41.62		41.74	0.003689	1.65	8.60	5.57	0.40
rondinella	772.3228	Max WS	TR030_TP03H	12.49	39.27	41.53		41.65	0.003855	1.55	8.08	5.57	0.41
rondinella	772.3228	Max WS	TR030_TP06H	10.42	39.27	41.25		41.38	0.004893	1.59	6.56	5.57	0.47
rondinella	760	Max WS	TR200_TP01H	14.92	39.28	41.63		41.81	0.009014	1.89	7.91	8.55	0.63
rondinella	760	Max WS	TR200_TP03H	13.62	39.28	41.47		41.67	0.002167	1.94	7.01	8.55	0.42
rondinella	760	Max WS	TR200_TP06H	12.23	39.28	41.35		41.53	0.002108	1.85	6.63	8.55	0.41
rondinella	760	Max WS	TR030_TP01H	13.59	39.28	41.49		41.67	0.002119	1.93	7.05	8.55	0.41
rondinella	760	Max WS	TR030_TP03H	12.78	39.28	41.40		41.58	0.002142	1.89	6.77	8.55	0.41
rondinella	760	Max WS	TR030_TP06H	10.68	39.28	41.15		41.31	0.002271	1.79	5.97	8.55	0.42

HEC-RAS Profile: Max WS (Continued)

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
rondinella	750			Culvert									
rondinella	748	Max WS	TR200_TP01H	17.34	39.28	40.92		41.48	0.009161	3.30	5.25	7.52	0.82
rondinella	748	Max WS	TR200_TP03H	16.14	39.28	40.84		41.37	0.009395	3.23	4.99	7.40	0.83
rondinella	748	Max WS	TR200_TP06H	12.51	39.28	40.78		41.13	0.006416	2.60	4.80	7.32	0.68
rondinella	748	Max WS	TR030_TP01H	15.05	39.28	40.80		41.29	0.008939	3.10	4.86	7.34	0.80
rondinella	748	Max WS	TR030_TP03H	12.92	39.28	40.74		41.13	0.007475	2.76	4.68	7.27	0.73
rondinella	748	Max WS	TR030_TP06H	10.80	39.28	40.66		40.97	0.006354	2.45	4.41	7.15	0.67
rondinella	746.3834	Max WS	TR200_TP01H	16.43	39.11	40.91		41.22	0.010703	2.47	6.65	5.41	0.71
rondinella	746.3834	Max WS	TR200_TP03H	15.97	39.11	40.83		41.16	0.012037	2.57	6.21	5.23	0.75
rondinella	746.3834	Max WS	TR200_TP06H	12.63	39.11	40.78		41.01	0.008344	2.12	5.97	5.15	0.63
rondinella	746.3834	Max WS	TR030_TP01H	14.91	39.11	40.81		41.11	0.010804	2.43	6.14	5.20	0.71
rondinella	746.3834	Max WS	TR030_TP03H	12.87	39.11	40.72		40.98	0.009968	2.27	5.67	5.07	0.69
rondinella	746.3834	Max WS	TR030_TP06H	10.58	39.11	40.62		40.83	0.008717	2.05	5.16	4.93	0.64
rondinella	745.99			Lat Struct									
rondinella	745.98			Lat Struct									
rondinella	681.5391	Max WS	TR200_TP01H	13.42	38.47	40.58		40.69	0.003292	1.48	9.08	6.48	0.40
rondinella	681.5391	Max WS	TR200_TP03H	13.91	38.47	40.49		40.63	0.004263	1.63	8.52	6.48	0.45
rondinella	681.5391	Max WS	TR200_TP06H	12.19	38.47	40.35		40.48	0.004630	1.61	7.57	6.48	0.48
rondinella	681.5391	Max WS	TR030_TP01H	13.78	38.47	40.44		40.59	0.004742	1.69	8.16	6.48	0.48
rondinella	681.5391	Max WS	TR030_TP03H	13.03	38.47	40.33		40.48	0.005591	1.75	7.43	6.48	0.52
rondinella	681.5391	Max WS	TR030_TP06H	11.02	38.47	40.16		40.31	0.005940	1.72	6.40	6.08	0.54
rondinella	604.7839	Max WS	TR200_TP01H	15.24	37.68	40.26		40.35	0.002190	1.31	11.68	7.68	0.34
rondinella	604.7839	Max WS	TR200_TP03H	16.88	37.68	40.08		40.21	0.003926	1.64	10.26	7.68	0.45
rondinella	604.7839	Max WS	TR200_TP06H	13.61	37.68	39.85		39.98	0.004267	1.59	8.58	7.40	0.47
rondinella	604.7839	Max WS	TR030_TP01H	17.05	37.68	39.95		40.12	0.005335	1.84	9.28	7.52	0.53
rondinella	604.7839	Max WS	TR030_TP03H	15.13	37.68	39.85		40.01	0.005259	1.76	8.59	7.40	0.52
rondinella	604.7839	Max WS	TR030_TP06H	12.37	37.68	39.64		39.79	0.004818	1.71	7.23	5.96	0.50
rondinella	550.8198	Max WS	TR200_TP01H	12.05	37.50	40.22		40.26	0.000619	0.82	14.91	8.37	0.19
rondinella	550.8198	Max WS	TR200_TP03H	14.00	37.50	40.01		40.07	0.001215	1.07	13.17	8.37	0.27
rondinella	550.8198	Max WS	TR200_TP06H	11.75	37.50	39.73		39.79	0.001505	1.10	10.80	8.00	0.29
rondinella	550.8198	Max WS	TR030_TP01H	13.13	37.50	39.85		39.92	0.001460	1.12	11.81	8.22	0.29
rondinella	550.8198	Max WS	TR030_TP03H	13.96	37.50	39.72		39.81	0.002132	1.30	10.78	7.99	0.35
rondinella	550.8198	Max WS	TR030_TP06H	12.42	37.50	39.40		39.51	0.003511	1.49	8.32	7.02	0.44
rondinella	443.2208	Max WS	TR200_TP01H	6.18	36.63	40.16		40.17	0.000120	0.37	16.81	6.12	0.07
rondinella	443.2208	Max WS	TR200_TP03H	8.85	36.63	39.97		39.99	0.000296	0.57	15.65	6.12	0.11
rondinella	443.2208	Max WS	TR200_TP06H	6.42	36.63	39.63		39.65	0.000229	0.47	13.57	6.12	0.10
rondinella	443.2208	Max WS	TR030_TP01H	7.48	36.63	39.81		39.82	0.000253	0.51	14.66	6.12	0.11
rondinella	443.2208	Max WS	TR030_TP03H	6.32	36.63	39.70		39.71	0.000205	0.45	13.96	6.12	0.10
rondinella	443.2208	Max WS	TR030_TP06H	8.68	36.63	39.23		39.26	0.000734	0.78	11.08	6.12	0.19
rondinella	440	Max WS	TR200_TP01H	16.27	36.27	40.14		40.16	0.000172	0.52	31.34	11.51	0.10
rondinella	440	Max WS	TR200_TP03H	13.17	36.27	39.95		39.96	0.000139	0.45	29.17	11.51	0.09
rondinella	440	Max WS	TR200_TP06H	10.50	36.27	39.62		39.63	0.000133	0.41	25.31	11.51	0.09
rondinella	440	Max WS	TR030_TP01H	10.74	36.27	39.80		39.81	0.000111	0.39	27.37	11.51	0.08
rondinella	440	Max WS	TR030_TP03H	9.13	36.27	39.69		39.70	0.000092	0.35	26.12	11.51	0.07
rondinella	440	Max WS	TR030_TP06H	9.73	36.27	39.21		39.22	0.000211	0.47	20.60	11.51	0.11
streda	5393	Max WS	TR200_TP01H	47.78	36.27	40.07		40.15	0.000946	1.28	37.52	15.00	0.26
streda	5393	Max WS	TR200_TP03H	37.32	36.27	39.90		39.96	0.000712	1.07	35.07	15.00	0.22
streda	5393	Max WS	TR200_TP06H	29.82	36.27	39.58		39.63	0.000732	0.99	30.15	15.00	0.22
streda	5393	Max WS	TR030_TP01H	32.20	36.27	39.75		39.80	0.000653	0.99	32.82	15.00	0.21
streda	5393	Max WS	TR030_TP03H	28.24	36.27	39.65		39.69	0.000584	0.91	31.29	15.00	0.20
streda	5393	Max WS	TR030_TP06H	24.35	36.27	39.17		39.22	0.001004	1.02	24.00	15.00	0.26
streda	5392.99			Lat Struct									
streda	5392.98			Lat Struct									
streda	5334	Max WS	TR200_TP01H	35.49	36.29	40.04		40.14	0.001320	1.40	25.33	8.55	0.26
streda	5334	Max WS	TR200_TP03H	24.19	36.29	39.92		39.97	0.000690	1.00	24.26	8.55	0.19
streda	5334	Max WS	TR200_TP06H	19.05	36.29	39.58		39.62	0.000606	0.89	21.41	8.55	0.18
streda	5334	Max WS	TR030_TP01H	19.54	36.29	39.77		39.81	0.000520	0.85	23.03	8.55	0.17
streda	5334	Max WS	TR030_TP03H	16.89	36.29	39.67		39.70	0.000434	0.76	22.13	8.55	0.15
streda	5334	Max WS	TR030_TP06H	17.94	36.29	39.14		39.19	0.000930	1.02	17.62	8.55	0.23
streda	5295	Max WS	TR200_TP01H	39.86	35.98	39.96		40.06	0.001269	1.42	28.14	8.99	0.26
streda	5295	Max WS	TR200_TP03H	36.92	35.98	39.77		39.87	0.001298	1.40	26.40	8.99	0.26
streda	5295	Max WS	TR200_TP06H	35.30	35.98	39.36		39.48	0.001800	1.55	22.73	8.99	0.31
streda	5295	Max WS	TR030_TP01H	36.60	35.98	39.57		39.68	0.001549	1.49	24.62	8.99	0.29
streda	5295	Max WS	TR030_TP03H	35.37	35.98	39.44		39.56	0.001652	1.51	23.47	8.99	0.30
streda	5295	Max WS	TR030_TP06H	29.19	35.98	38.92		39.05	0.002096	1.55	18.84	8.99	0.34
streda	5286.50	Max WS	TR200_TP01H	44.14	36.00	39.74		39.97	0.001299	2.12	20.80	9.08	0.35
streda	5286.50	Max WS	TR200_TP03H	42.44	36.00	39.53		39.77	0.001461	2.16	19.61	9.08	0.37
streda	5286.50	Max WS	TR200_TP06H	39.30	36.00	39.12		39.39	0.001881	2.26	17.35	8.96	0.41
streda	5286.50	Max WS	TR030_TP01H	41.62	36.00	39.32		39.58	0.001727	2.26	18.43	9.08	0.40
streda	5286.50	Max WS	TR030_TP03H	40.22	36.00	39.20		39.46	0.001819	2.26	17.78	9.03	0.40
streda	5286.50	Max WS	TR030_TP06H	31.50	36.00	38.77		38.98	0.001806	2.05	15.39	8.63	0.39
streda	5270			Culvert									
streda	5269.50	Max WS	TR200_TP01H	43.92	36.00	39.21		39.52	0.002135	2.47	17.81	9.82	0.44
streda	5269.50	Max WS	TR200_TP03H	42.43	36.00	39.05		39.37	0.002368	2.51	16.92	9.59	0.46
streda	5269.50	Max WS	TR200_TP06H	39.30	36.00	38.73		39.08	0.002908	2.59	15.19	9.16	0.50
streda	5269.50	Max WS	TR030_TP01H	41.53	36.00	38.87		39.21	0.002780	2.61	15.92	9.34	0.49
streda	5269.50	Max WS	TR030_TP03H	40.21	36.00	38.79		39.13	0.002860	2.60	15.48	9.23	0.50

HEC-RAS Profile: Max WS (Continued)

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
streda	5269.50	Max WS	TR030_TP06H	31.50	36.00	38.52		38.78	0.002462	2.25	13.98	8.86	0.45
streda	5261.99			Lat Struct									
streda	5261.98			Lat Struct									
streda	5261	Max WS	TR200_TP01H	47.08	35.66	39.19		39.40	0.003542	2.06	22.80	11.50	0.47
streda	5261	Max WS	TR200_TP03H	45.36	35.66	39.03		39.26	0.004047	2.16	20.96	11.04	0.50
streda	5261	Max WS	TR200_TP06H	40.22	35.66	38.72		38.98	0.005044	2.28	17.67	10.28	0.55
streda	5261	Max WS	TR030_TP01H	43.48	35.66	38.85		39.11	0.004845	2.29	19.02	10.66	0.55
streda	5261	Max WS	TR030_TP03H	41.75	35.66	38.77		39.04	0.005025	2.29	18.20	10.43	0.55
streda	5261	Max WS	TR030_TP06H	31.66	35.66	38.51		38.72	0.004384	2.04	15.55	9.84	0.51
streda	5190	Max WS	TR200_TP01H	42.27	35.08	38.98		39.20	0.003354	2.06	20.52	7.60	0.40
streda	5190	Max WS	TR200_TP03H	40.00	35.08	38.82		39.04	0.003564	2.07	19.28	7.60	0.42
streda	5190	Max WS	TR200_TP06H	35.09	35.08	38.48		38.71	0.004079	2.10	16.71	7.60	0.45
streda	5190	Max WS	TR030_TP01H	37.55	35.08	38.63		38.86	0.003901	2.11	17.83	7.60	0.44
streda	5190	Max WS	TR030_TP03H	36.29	35.08	38.54		38.77	0.004074	2.12	17.13	7.60	0.45
streda	5190	Max WS	TR030_TP06H	28.76	35.08	38.27		38.46	0.003644	1.90	15.11	7.60	0.43
streda	5152	Max WS	TR200_TP01H	43.16	35.00	38.81		39.05	0.003890	2.17	19.91	7.77	0.43
streda	5152	Max WS	TR200_TP03H	40.27	35.00	38.66		38.90	0.004002	2.15	18.75	7.77	0.44
streda	5152	Max WS	TR200_TP06H	34.42	35.00	38.33		38.56	0.004454	2.13	16.15	7.77	0.47
streda	5152	Max WS	TR030_TP01H	37.19	35.00	38.47		38.71	0.004285	2.15	17.29	7.77	0.46
streda	5152	Max WS	TR030_TP03H	35.39	35.00	38.40		38.63	0.004291	2.12	16.68	7.77	0.46
streda	5152	Max WS	TR030_TP06H	28.86	35.00	38.10		38.30	0.004363	2.01	14.37	7.77	0.47
streda	5091	Max WS	TR200_TP01H	44.49	34.83	38.51		38.76	0.004305	2.20	20.20	9.14	0.47
streda	5091	Max WS	TR200_TP03H	41.37	34.83	38.36		38.61	0.004565	2.20	18.83	9.14	0.49
streda	5091	Max WS	TR200_TP06H	34.50	34.83	37.95		38.22	0.006139	2.29	15.04	9.14	0.57
streda	5091	Max WS	TR030_TP01H	37.14	34.83	38.09		38.36	0.005545	2.27	16.36	9.14	0.54
streda	5091	Max WS	TR030_TP03H	35.90	34.83	38.02		38.29	0.005870	2.29	15.68	9.14	0.56
streda	5091	Max WS	TR030_TP06H	28.98	34.83	37.74		37.99	0.005540	2.18	13.27	7.98	0.54
streda	5024	Max WS	TR200_TP01H	41.92	34.86	38.52		38.63	0.001497	1.48	28.26	11.72	0.31
streda	5024	Max WS	TR200_TP03H	38.55	34.86	38.37		38.48	0.001507	1.45	26.52	11.50	0.31
streda	5024	Max WS	TR200_TP06H	32.05	34.86	37.93		38.04	0.001821	1.48	21.65	10.84	0.33
streda	5024	Max WS	TR030_TP01H	34.29	34.86	38.09		38.20	0.001686	1.47	23.38	11.09	0.32
streda	5024	Max WS	TR030_TP03H	33.19	34.86	38.01		38.12	0.001756	1.48	22.50	10.96	0.33
streda	5024	Max WS	TR030_TP06H	27.74	34.86	37.71		37.82	0.001887	1.44	19.27	10.52	0.34
streda	5004	Max WS	TR200_TP01H	37.90	34.78	38.51		38.60	0.001218	1.34	28.29	11.63	0.27
streda	5004	Max WS	TR200_TP03H	34.71	34.78	38.36		38.44	0.001215	1.31	26.56	11.40	0.27
streda	5004	Max WS	TR200_TP06H	28.74	34.78	37.91		38.00	0.001460	1.33	21.65	10.74	0.30
streda	5004	Max WS	TR030_TP01H	30.71	34.78	38.08		38.16	0.001342	1.31	23.42	10.98	0.29
streda	5004	Max WS	TR030_TP03H	29.71	34.78	37.99		38.08	0.001398	1.32	22.53	10.86	0.29
streda	5004	Max WS	TR030_TP06H	25.41	34.78	37.68		37.77	0.001601	1.33	19.16	10.39	0.31
streda	4986.816	Max WS	TR200_TP01H	35.68	35.15	38.47		38.57	0.001585	1.42	25.08	11.94	0.31
streda	4986.816	Max WS	TR200_TP03H	32.25	35.15	38.32		38.42	0.001585	1.38	23.33	11.72	0.31
streda	4986.816	Max WS	TR200_TP06H	26.15	35.15	37.87		37.97	0.002119	1.44	18.16	11.03	0.36
streda	4986.816	Max WS	TR030_TP01H	28.11	35.15	38.04		38.14	0.001847	1.40	20.05	11.29	0.34
streda	4986.816	Max WS	TR030_TP03H	27.19	35.15	37.95		38.05	0.001990	1.42	19.08	11.16	0.35
streda	4986.816	Max WS	TR030_TP06H	23.24	35.15	37.61		37.73	0.002710	1.51	15.36	10.64	0.40
streda	4941.961	Max WS	TR200_TP01H	34.87	34.99	38.46		38.53	0.000955	1.18	29.53	12.22	0.24
streda	4941.961	Max WS	TR200_TP03H	31.15	34.99	38.31		38.38	0.000914	1.12	27.76	12.22	0.24
streda	4941.961	Max WS	TR200_TP06H	23.43	34.99	37.87		37.93	0.000982	1.05	22.37	12.22	0.25
streda	4941.961	Max WS	TR030_TP01H	25.74	34.99	38.04		38.09	0.000913	1.05	24.41	12.22	0.24
streda	4941.961	Max WS	TR030_TP03H	24.42	34.99	37.95		38.01	0.000932	1.04	23.40	12.22	0.24
streda	4941.961	Max WS	TR030_TP06H	21.45	34.99	37.60		37.66	0.001344	1.13	19.01	12.22	0.29
streda	4895.882	Max WS	TR200_TP01H	39.03	34.81	38.31		38.44	0.001900	1.59	24.53	9.78	0.32
streda	4895.882	Max WS	TR200_TP03H	35.28	34.81	38.18		38.29	0.001824	1.52	23.18	9.78	0.32
streda	4895.882	Max WS	TR200_TP06H	25.79	34.81	37.76		37.85	0.001700	1.35	19.14	9.78	0.31
streda	4895.882	Max WS	TR030_TP01H	29.23	34.81	37.91		38.02	0.001754	1.42	20.63	9.78	0.31
streda	4895.882	Max WS	TR030_TP03H	27.37	34.81	37.84		37.94	0.001708	1.38	19.90	9.78	0.31
streda	4895.882	Max WS	TR030_TP06H	22.91	34.81	37.47		37.57	0.002139	1.40	16.33	9.78	0.35
streda	4849.548	Max WS	TR200_TP01H	40.16	34.74	38.25		38.35	0.001277	1.46	28.93	11.82	0.29
streda	4849.548	Max WS	TR200_TP03H	36.53	34.74	38.11		38.20	0.001255	1.40	27.29	11.82	0.29
streda	4849.548	Max WS	TR200_TP06H	25.95	34.74	37.71		37.78	0.001119	1.20	22.55	11.82	0.27
streda	4849.548	Max WS	TR030_TP01H	30.15	34.74	37.85		37.93	0.001218	1.30	24.23	11.82	0.28
streda	4849.548	Max WS	TR030_TP03H	27.87	34.74	37.78		37.86	0.001152	1.25	23.43	11.82	0.27
streda	4849.548	Max WS	TR030_TP06H	22.42	34.74	37.41		37.48	0.001386	1.23	19.05	11.82	0.30
streda	4820.168	Max WS	TR200_TP01H	47.30	34.60	38.08		38.25	0.002284	1.81	26.11	10.04	0.36
streda	4820.168	Max WS	TR200_TP03H	43.41	34.60	37.95		38.11	0.002225	1.75	24.81	10.04	0.36
streda	4820.168	Max WS	TR200_TP06H	32.63	34.60	37.56		37.68	0.002062	1.56	20.89	10.04	0.35
streda	4820.168	Max WS	TR030_TP01H	36.07	34.60	37.71		37.84	0.002061	1.61	22.39	10.04	0.34
streda	4820.168	Max WS	TR030_TP03H	34.04	34.60	37.64		37.77	0.002005	1.57	21.72	10.04	0.34
streda	4820.168	Max WS	TR030_TP06H	28.30	34.60	37.25		37.38	0.002494	1.59	17.76	10.04	0.38
streda	4809.347	Max WS	TR200_TP01H	52.91	34.18	38.02		38.17	0.001899	1.71	31.01	10.63	0.32
streda	4809.347	Max WS	TR200_TP03H	48.99	34.18	37.89		38.03	0.001853	1.65	29.63	10.63	0.32
streda	4809.347	Max WS	TR200_TP06H	38.71	34.18	37.49		37.61	0.001812	1.53	25.35	10.63	0.32
streda	4809.347	Max WS	TR030_TP01H	42.99	34.18	37.63		37.76	0.001892	1.60	28.86	10.63	0.32
streda	4809.347	Max WS	TR030_TP03H	40.68	34.18	37.57		37.69	0.001824	1.55	26.18	10.63	0.32
streda	4809.347	Max WS	TR030_TP06H	32.11	34.18	37.20		37.31	0.001823	1.44	22.26	10.63	0.32
streda	4805	Max WS	TR200_TP01H	52.35	34.18	38.02		38.17	0.001854	1.69	31.04	10.63	0.32
streda	4805	Max WS	TR200_TP03H	48.63	34.18	37.89		38.03	0.001825	1.64	29.64	10.63	0.31
streda	4805	Max WS	TR200_TP06H	38.94	34.18	37.48		37.60	0.001849	1.54	25.28	10.63	0.32
streda	4805	Max WS	TR030_TP01H	43.28	34.18	37.62		37.75	0.001934	1.62	26.78	10.63	0.33

HEC-RAS Profile: Max WS (Continued)

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
streda	4805	Max WS	TR030_TP03H	40.94	34.18	37.56		37.68	0.001862	1.57	26.11	10.63	0.32
streda	4805	Max WS	TR030_TP06H	32.21	34.18	37.19		37.30	0.001845	1.45	22.22	10.63	0.32
streda	4800												
streda	4790	Max WS	TR200_TP01H	51.11	34.18	37.49		37.65	0.002645	1.76	29.03	14.91	0.40
streda	4790	Max WS	TR200_TP03H	48.56	34.18	37.40		37.56	0.002758	1.75	27.69	14.91	0.41
streda	4790	Max WS	TR200_TP06H	38.94	34.18	37.18		37.31	0.002589	1.59	24.48	14.90	0.40
streda	4790	Max WS	TR030_TP01H	42.49	34.18	37.24		37.38	0.002775	1.68	25.33	14.91	0.41
streda	4790	Max WS	TR030_TP03H	40.88	34.18	37.22		37.36	0.002659	1.63	25.05	14.91	0.40
streda	4790	Max WS	TR030_TP06H	32.20	34.18	37.01		37.12	0.002050	1.46	22.10	12.61	0.35
streda	4780	Max WS	TR200_TP01H	51.06	34.18	37.47		37.64	0.002642	1.79	28.51	14.08	0.40
streda	4780	Max WS	TR200_TP03H	48.54	34.18	37.38		37.55	0.002739	1.78	27.25	14.08	0.41
streda	4780	Max WS	TR200_TP06H	38.94	34.18	37.17		37.30	0.002494	1.60	24.27	14.00	0.39
streda	4780	Max WS	TR030_TP01H	42.40	34.18	37.23		37.38	0.002699	1.69	25.05	14.08	0.41
streda	4780	Max WS	TR030_TP03H	40.87	34.18	37.21		37.35	0.002588	1.65	24.79	14.08	0.40
streda	4780	Max WS	TR030_TP06H	32.19	34.18	37.00		37.11	0.002062	1.46	22.01	12.53	0.35
4334	3840	Max WS	TR200_TP01H	25.50	63.28	65.66	65.99	66.46	0.024966	3.97	6.42	3.76	0.97
4334	3840	Max WS	TR200_TP03H	12.90	63.28	64.94		65.41	0.017140	3.04	4.24	2.80	0.79
4334	3840	Max WS	TR200_TP06H	7.50	63.28	64.50		64.82	0.014493	2.49	3.02	2.77	0.76
4334	3840	Max WS	TR030_TP01H	17.70	63.28	65.23		65.85	0.020480	3.50	5.05	2.82	0.84
4334	3840	Max WS	TR030_TP03H	8.60	63.28	64.61		64.95	0.014777	2.60	3.31	2.78	0.76
4334	3840	Max WS	TR030_TP06H	4.90	63.28	64.24		64.47	0.013310	2.14	2.29	2.75	0.75
4334	3833.05	Max WS	TR200_TP01H	25.50	61.89	64.33	64.44	64.76	0.029789	2.90	8.80	17.42	1.30
4334	3833.05	Max WS	TR200_TP03H	12.90	61.89	64.02	64.13	64.41	0.026370	2.77	4.65	8.01	1.16
4334	3833.05	Max WS	TR200_TP06H	7.38	61.89	63.63	63.59	64.02	0.021359	2.77	2.66	3.03	0.94
4334	3833.05	Max WS	TR030_TP01H	17.69	61.89	64.17	64.28	64.58	0.031343	2.82	6.28	13.00	1.30
4334	3833.05	Max WS	TR030_TP03H	8.59	61.89	63.82	63.70	64.15	0.022205	2.55	3.37	5.26	1.02
4334	3833.05	Max WS	TR030_TP06H	4.90	61.89	63.50		63.74	0.014158	2.14	2.28	2.83	0.76
4334	3830	Max WS	TR200_TP01H	25.50	61.28	63.90	63.68	64.02	0.005294	1.54	16.61	24.46	0.59
4334	3830	Max WS	TR200_TP03H	12.90	61.28	63.60	63.47	63.69	0.006882	1.33	9.67	21.30	0.63
4334	3830	Max WS	TR200_TP06H	7.62	61.28	63.43	63.36	63.51	0.009278	1.22	6.24	19.54	0.69
4334	3830	Max WS	TR030_TP01H	17.69	61.28	63.73	63.56	63.83	0.005926	1.41	12.52	22.65	0.61
4334	3830	Max WS	TR030_TP03H	8.73	61.28	63.46	63.38	63.55	0.009272	1.28	6.81	19.84	0.70
4334	3830	Max WS	TR030_TP06H	4.90	61.28	63.41	63.25	63.45	0.004730	0.84	5.84	19.32	0.49
4334	3825												
4334	3825												
4334	3820	Max WS	TR200_TP01H	25.50	60.84	62.74	63.08	63.79	0.087309	4.55	5.60	12.93	2.21
4334	3820	Max WS	TR200_TP03H	12.90	60.84	62.52	62.76	63.36	0.093771	4.06	3.18	11.20	2.24
4334	3820	Max WS	TR200_TP06H	7.62	60.84	62.10	62.61	63.84	0.036223	5.83	1.31	3.47	1.71
4334	3820	Max WS	TR030_TP01H	17.69	60.84	62.62	62.89	63.55	0.104291	4.27	4.14	11.98	2.32
4334	3820	Max WS	TR030_TP03H	8.73	60.84	62.40	62.65	63.28	0.115619	4.15	2.10	10.21	2.49
4334	3820	Max WS	TR030_TP06H	4.90	60.84	61.80	62.49	63.09	0.039655	5.02	0.98	2.89	1.70
4334	3814.99												
4334	3814.99												
4334	3810	Max WS	TR200_TP01H	24.34	58.41	59.73	59.91	60.35	0.039213	3.50	6.95	13.15	1.54
4334	3810	Max WS	TR200_TP03H	12.39	58.41	59.47	59.63	59.94	0.035230	3.06	4.05	8.55	1.42
4334	3810	Max WS	TR200_TP06H	7.32	58.41	59.30	59.40	59.66	0.032563	2.63	2.78	6.93	1.33
4334	3810	Max WS	TR030_TP01H	16.91	58.41	59.59	59.75	60.12	0.038479	3.22	5.25	11.04	1.49
4334	3810	Max WS	TR030_TP03H	8.40	58.41	59.34	59.44	59.73	0.033560	2.75	3.06	7.32	1.36
4334	3810	Max WS	TR030_TP06H	4.80	58.41	59.18	59.25	59.47	0.032697	2.41	1.99	5.70	1.30
4334	3800	Max WS	TR200_TP01H	25.50	54.23	55.67	55.76	56.10	0.021270	2.89	8.81	14.54	1.19
4334	3800	Max WS	TR200_TP03H	12.90	54.23	55.41	55.47	55.71	0.023611	2.44	5.28	12.12	1.18
4334	3800	Max WS	TR200_TP06H	7.53	54.23	55.25	55.30	55.49	0.026815	2.16	3.49	10.63	1.20
4334	3800	Max WS	TR030_TP01H	17.68	54.23	55.52	55.59	55.87	0.021883	2.62	6.74	13.18	1.17
4334	3800	Max WS	TR030_TP03H	8.68	54.23	55.29	55.33	55.54	0.026060	2.23	3.89	10.98	1.20
4334	3800	Max WS	TR030_TP06H	4.90	54.23	55.12	55.17	55.34	0.025223	2.10	2.34	6.93	1.15
4334	3793.98												
4334	3793.98												
4334	3791.99												
4334	3791.99												
4334	3790	Max WS	TR200_TP01H	23.21	51.10	52.09	52.15	52.54	0.019032	2.95	7.87	11.24	1.13
4334	3790	Max WS	TR200_TP03H	12.48	51.10	51.87	51.90	52.15	0.019608	2.36	5.29	11.24	1.10
4334	3790	Max WS	TR200_TP06H	7.48	51.10	51.68	51.75	51.95	0.034332	2.31	3.24	11.15	1.37
4334	3790	Max WS	TR030_TP01H	16.51	51.10	51.97	52.00	52.30	0.017903	2.55	6.48	11.24	1.07
4334	3790	Max WS	TR030_TP03H	8.59	51.10	51.73	51.79	51.99	0.026971	2.26	3.81	11.24	1.24
4334	3790	Max WS	TR030_TP06H	4.90	51.10	51.59	51.66	51.83	0.037939	2.17	2.26	9.25	1.40
4334	3785.00	Max WS	TR200_TP01H	21.62	50.13	51.90		52.04	0.003037	1.67	12.94	10.18	0.47
4334	3785.00	Max WS	TR200_TP03H	12.04	50.13	51.65		51.72	0.001856	1.16	10.38	10.18	0.37
4334	3785.00	Max WS	TR200_TP06H	7.51	50.13	51.30		51.36	0.002701	1.10	6.81	10.18	0.43
4334	3785.00	Max WS	TR030_TP01H	15.53	50.13	51.78		51.87	0.002124	1.33	11.72	10.18	0.39
4334	3785.00	Max WS	TR030_TP03H	8.57	50.13	51.44		51.49	0.001932	1.04	8.24	10.18	0.37
4334	3785.00	Max WS	TR030_TP06H	4.90	50.13	50.88		50.99	0.007299	1.46	3.37	7.07	0.67
4334	3781.00	Max WS	TR200_TP01H	17.66	49.26	51.94		52.01	0.001242	1.23	14.63	9.09	0.30
4334	3781.00	Max WS	TR200_TP03H	10.87	49.26	51.64		51.69	0.000860	0.92	11.97	9.09	0.25
4334	3781.00	Max WS	TR200_TP06H	7.51	49.26	51.26		51.30	0.001048	0.88	8.55	7.86	0.27
4334	3781.00	Max WS	TR030_TP01H	12.97	49.26	51.79		51.84	0.000881	0.99	13.35	9.09	0.25
4334	3781.00	Max WS	TR030_TP03H	8.58	49.26	51.41		51.45	0.000961	0.88	9.86	9.09	0.26
4334	3781.00	Max WS	TR030_TP06H	4.90	49.26	50.74		50.79	0.002113	1.00	4.88	6.20	0.36
4334	3780	Max WS	TR200_TP01H	17.42	49.04	51.83	51.45	51.99	0.004862	1.75	9.94	9.00	0.53
4334	3780	Max WS	TR200_TP03H	10.89	49.04	51.55	50.65	51.66	0.004633	1.46	7.47	9.00	0.51
4334	3780	Max WS	TR200_TP06H	7.51	49.04	51.16	50.41	51.28	0.001845	1.56	4.81	7.18	0.39
4334	3780	Max WS	TR030_TP01H	12.81	49.04	51.72	50.78	51.83	0.003612	1.43	8.97	9.00	0.46

HEC-RAS Profile: Max WS (Continued)

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
4334	3780	Max WS	TR030_TP03H	8.59	49.04	51.29	50.49	51.43	0.004183	1.64	5.25	8.17	0.49
4334	3780	Max WS	TR030_TP06H	4.90	49.04	50.65	50.19	50.77	0.002736	1.48	3.31	5.90	0.45
4334	3775			Bridge									
4334	3770	Max WS	TR200_TP01H	17.42	49.48	51.07	51.19	51.99	0.021681	4.24	4.11	3.48	1.12
4334	3770	Max WS	TR200_TP03H	10.89	49.48	50.66	50.75	51.35	0.021753	3.68	2.96	3.29	1.13
4334	3770	Max WS	TR200_TP06H	7.50	49.48	50.43	50.48	50.95	0.020875	3.21	2.34	3.19	1.10
4334	3770	Max WS	TR030_TP01H	12.81	49.48	50.78	50.89	51.55	0.022322	3.90	3.28	3.34	1.14
4334	3770	Max WS	TR030_TP03H	8.58	49.48	50.51	50.57	51.09	0.021043	3.37	2.55	3.22	1.11
4334	3770	Max WS	TR030_TP06H	4.90	49.48	50.22	50.25	50.61	0.020664	2.77	1.77	3.10	1.09
4334	3769.99			Lat Struct									
4334	3769.98			Lat Struct									
4334	3767.50	Max WS	TR200_TP01H	17.45	49.08	50.66	50.66	51.24	0.017441	3.38	5.17	4.42	1.00
4334	3767.50	Max WS	TR200_TP03H	10.95	49.08	50.28	50.29	50.76	0.018883	3.07	3.57	3.91	1.03
4334	3767.50	Max WS	TR200_TP06H	7.49	49.08	50.08	50.06	50.44	0.017249	2.66	2.82	3.72	0.98
4334	3767.50	Max WS	TR030_TP01H	12.94	49.08	50.38	50.41	50.92	0.019778	3.27	3.96	4.01	1.05
4334	3767.50	Max WS	TR030_TP03H	8.58	49.08	50.15	50.14	50.55	0.017556	2.79	3.08	3.79	0.99
4334	3767.50	Max WS	TR030_TP06H	4.70	49.08	49.89		50.14	0.015051	2.20	2.14	3.53	0.90
4334	3760	Max WS	TR200_TP01H	14.41	47.88	50.30		50.43	0.003747	1.60	9.02	7.45	0.46
4334	3760	Max WS	TR200_TP03H	9.36	47.88	50.01		50.11	0.003579	1.36	6.90	7.45	0.45
4334	3760	Max WS	TR200_TP06H	6.63	47.88	49.83		49.91	0.003460	1.19	5.59	7.45	0.44
4334	3760	Max WS	TR030_TP01H	11.01	47.88	50.11		50.21	0.003666	1.45	7.61	7.45	0.46
4334	3760	Max WS	TR030_TP03H	7.48	47.88	49.89		49.97	0.003525	1.25	6.00	7.45	0.44
4334	3760	Max WS	TR030_TP06H	4.49	47.88	49.67		49.72	0.003439	1.03	4.37	7.45	0.43
4334	3755			Culvert									
4334	3750	Max WS	TR200_TP01H	14.39	48.04	49.72	49.87	50.38	0.032106	3.60	4.10	5.19	1.29
4334	3750	Max WS	TR200_TP03H	9.36	48.04	49.51	49.63	50.03	0.037135	3.21	2.99	5.19	1.35
4334	3750	Max WS	TR200_TP06H	6.62	48.04	49.36	49.49	49.83	0.047015	3.02	2.24	5.19	1.47
4334	3750	Max WS	TR030_TP01H	11.01	48.04	49.58	49.71	50.15	0.034881	3.34	3.37	5.19	1.32
4334	3750	Max WS	TR030_TP03H	7.48	48.04	49.41	49.54	49.89	0.041912	3.06	2.50	5.19	1.40
4334	3750	Max WS	TR030_TP06H	4.49	48.04	49.22	49.36	49.66	0.054915	2.95	1.55	4.01	1.50
4334	3749.99			Lat Struct									
4334	3749.98			Lat Struct									
4334	3747.50	Max WS	TR200_TP01H	9.74	47.17	48.57	48.55	48.95	0.016989	2.75	3.62	4.44	0.97
4334	3747.50	Max WS	TR200_TP03H	5.96	47.17	48.36		48.61	0.015358	2.24	2.72	4.37	0.90
4334	3747.50	Max WS	TR200_TP06H	4.23	47.17	48.23		48.42	0.012375	1.96	2.20	3.54	0.78
4334	3747.50	Max WS	TR030_TP01H	7.20	47.17	48.44		48.73	0.015267	2.38	3.09	4.44	0.91
4334	3747.50	Max WS	TR030_TP03H	4.67	47.17	48.26		48.47	0.013235	2.05	2.32	3.70	0.82
4334	3747.50	Max WS	TR030_TP06H	3.43	47.17	48.14		48.31	0.011345	1.83	1.90	3.12	0.73
4334	3745.00	Max WS	TR200_TP01H	10.69	46.29	47.83		48.04	0.008132	2.02	5.29	5.57	0.66
4334	3745.00	Max WS	TR200_TP03H	7.34	46.29	47.60		47.77	0.008933	1.83	4.00	5.57	0.69
4334	3745.00	Max WS	TR200_TP06H	5.46	46.29	47.45		47.60	0.009970	1.72	3.17	5.45	0.72
4334	3745.00	Max WS	TR030_TP01H	8.80	46.29	47.71		47.89	0.008556	1.92	4.57	5.57	0.68
4334	3745.00	Max WS	TR030_TP03H	5.96	46.29	47.49		47.65	0.009865	1.76	3.39	5.57	0.72
4334	3745.00	Max WS	TR030_TP06H	4.29	46.29	47.31		47.46	0.011898	1.75	2.44	4.64	0.77
4334	3740.71	Max WS	TR200_TP01H	12.85	44.80	46.30		46.67	0.014425	2.70	4.75	5.16	0.90
4334	3740.71	Max WS	TR200_TP03H	8.46	44.80	46.16		46.38	0.010060	2.09	4.05	5.16	0.75
4334	3740.71	Max WS	TR200_TP06H	5.79	44.80	46.05		46.19	0.007400	1.66	3.49	5.16	0.64
4334	3740.71	Max WS	TR030_TP01H	10.37	44.80	46.23		46.51	0.011976	2.37	4.38	5.16	0.82
4334	3740.71	Max WS	TR030_TP03H	6.36	44.80	46.08		46.24	0.007966	1.75	3.63	5.16	0.67
4334	3740.71	Max WS	TR030_TP06H	4.34	44.80	45.98		46.08	0.005471	1.39	3.12	4.80	0.55
4334	3740	Max WS	TR200_TP01H	9.49	44.55	46.41		46.52	0.003871	1.43	6.66	6.91	0.46
4334	3740	Max WS	TR200_TP03H	6.30	44.55	46.20		46.28	0.003703	1.22	5.18	6.91	0.45
4334	3740	Max WS	TR200_TP06H	4.40	44.55	46.06		46.11	0.003472	1.05	4.20	6.91	0.43
4334	3740	Max WS	TR030_TP01H	7.68	44.55	46.30		46.39	0.003745	1.31	5.86	6.91	0.45
4334	3740	Max WS	TR030_TP03H	4.79	44.55	46.09		46.15	0.003465	1.08	4.43	6.91	0.43
4334	3740	Max WS	TR030_TP06H	3.38	44.55	45.97		46.01	0.003406	0.95	3.58	6.91	0.42
4334	3735			Culvert									
4334	3730	Max WS	TR200_TP01H	9.47	44.51	46.02	46.05	46.36	0.030159	2.59	3.65	6.37	1.09
4334	3730	Max WS	TR200_TP03H	6.30	44.51	45.86	45.91	46.15	0.036296	2.36	2.66	6.37	1.17
4334	3730	Max WS	TR200_TP06H	4.40	44.51	45.76	45.81	46.00	0.043305	2.18	2.01	6.37	1.24
4334	3730	Max WS	TR030_TP01H	7.68	44.51	45.92	45.97	46.24	0.034336	2.50	3.07	6.37	1.15
4334	3730	Max WS	TR030_TP03H	4.79	44.51	45.78	45.83	46.03	0.041185	2.22	2.16	6.37	1.22
4334	3730	Max WS	TR030_TP06H	3.38	44.51	45.69	45.75	45.93	0.057013	2.15	1.57	6.37	1.38
4334	3729.99			Lat Struct									
4334	3729.98			Lat Struct									
4334	3727.72	Max WS	TR200_TP01H	7.90	44.27	45.66		45.79	0.006118	1.62	4.89	5.21	0.53
4334	3727.72	Max WS	TR200_TP03H	5.99	44.27	45.40		45.55	0.009134	1.69	3.55	5.21	0.65
4334	3727.72	Max WS	TR200_TP06H	4.43	44.27	45.26		45.38	0.009710	1.58	2.81	4.96	0.67
4334	3727.72	Max WS	TR030_TP01H	7.10	44.27	45.48		45.64	0.009327	1.80	3.95	5.21	0.66
4334	3727.72	Max WS	TR030_TP03H	4.79	44.27	45.29		45.42	0.009777	1.61	2.97	5.06	0.67
4334	3727.72	Max WS	TR030_TP06H	3.42	44.27	45.16		45.27	0.009486	1.45	2.35	4.67	0.65
4334	3722.50	Max WS	TR200_TP01H	5.83	43.72	45.59		45.62	0.001141	0.81	7.21	5.22	0.22
4334	3722.50	Max WS	TR200_TP03H	5.32	43.72	45.20		45.25	0.002511	1.03	5.15	5.22	0.33
4334	3722.50	Max WS	TR200_TP06H	4.07	43.72	44.84		44.92	0.005739	1.24	3.28	5.22	0.50

HEC-RAS Profile: Max WS (Continued)

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
4334	3722.50	Max WS	TR030_TP01H	5.39	43.72	45.27		45.32	0.002107	0.98	5.52	5.22	0.30
4334	3722.50	Max WS	TR030_TP03H	4.94	43.72	44.87		44.97	0.007331	1.44	3.43	5.22	0.57
4334	3722.50	Max WS	TR030_TP06H	3.40	43.72	44.78		44.85	0.005389	1.14	2.98	5.22	0.48
4334	3720	Max WS	TR200_TP01H	5.63	43.45	45.57		45.59	0.000625	0.64	8.84	5.73	0.16
4334	3720	Max WS	TR200_TP03H	5.13	43.45	45.16		45.19	0.001279	0.79	6.48	5.73	0.24
4334	3720	Max WS	TR200_TP06H	4.47	43.45	44.66		44.74	0.005783	1.25	3.59	5.73	0.50
4334	3720	Max WS	TR030_TP01H	5.14	43.45	45.24		45.27	0.001057	0.74	6.92	5.73	0.22
4334	3720	Max WS	TR030_TP03H	4.87	43.45	44.71		44.79	0.005414	1.26	3.87	5.73	0.49
4334	3720	Max WS	TR030_TP06H	3.72	43.45	44.41		44.55	0.012630	1.62	2.30	4.58	0.73
4334	3710	Max WS	TR200_TP01H	11.53	42.35	45.52		45.54	0.000359	0.60	19.20	9.91	0.14
4334	3710	Max WS	TR200_TP03H	6.92	42.35	45.13		45.14	0.000254	0.45	15.31	9.91	0.12
4334	3710	Max WS	TR200_TP06H	3.92	42.35	44.60		44.61	0.000246	0.38	10.31	8.80	0.11
4334	3710	Max WS	TR030_TP01H	7.32	42.35	45.21		45.22	0.000245	0.46	16.09	9.91	0.11
4334	3710	Max WS	TR030_TP03H	4.85	42.35	44.65		44.66	0.000342	0.45	10.69	8.94	0.13
4334	3710	Max WS	TR030_TP06H	2.90	42.35	44.29		44.30	0.000296	0.38	7.73	7.80	0.12
4334	3708.45	Max WS	TR200_TP01H	19.58	42.35	45.39		45.47	0.001741	1.28	15.33	7.99	0.29
4334	3708.45	Max WS	TR200_TP03H	12.07	42.35	45.05		45.10	0.001154	0.96	12.64	7.93	0.24
4334	3708.45	Max WS	TR200_TP06H	6.76	42.35	44.55		44.58	0.000959	0.76	8.89	7.10	0.22
4334	3708.45	Max WS	TR030_TP01H	12.82	42.35	45.13		45.17	0.001137	0.97	13.26	7.99	0.24
4334	3708.45	Max WS	TR030_TP03H	8.11	42.35	44.58		44.62	0.001307	0.89	9.07	7.14	0.25
4334	3708.45	Max WS	TR030_TP06H	4.62	42.35	44.25		44.27	0.000940	0.68	6.84	6.61	0.21
4334	3708.31	Max WS	TR200_TP01H	20.88	42.35	45.21		45.41	0.006137	1.98	10.52	6.89	0.51
4334	3708.31	Max WS	TR200_TP03H	12.94	42.35	44.95		45.06	0.004107	1.48	8.73	6.89	0.42
4334	3708.31	Max WS	TR200_TP06H	7.23	42.35	44.46		44.55	0.005772	1.36	5.32	6.85	0.49
4334	3708.31	Max WS	TR030_TP01H	13.75	42.35	45.03		45.14	0.003874	1.48	9.27	6.89	0.41
4334	3708.31	Max WS	TR030_TP03H	7.23	42.35	44.46		44.55	0.005723	1.36	5.33	6.85	0.49
4334	3708.31	Max WS	TR030_TP06H	4.90	42.35	44.08		44.23	0.017987	1.73	2.84	6.25	0.82
4334	3706			Culvert									
4334	3704	Max WS	TR200_TP01H	20.87	41.66	44.09	44.06	44.65	0.031114	3.34	6.25	5.14	0.97
4334	3704	Max WS	TR200_TP03H	12.95	41.66	43.89		44.20	0.020427	2.47	5.24	5.14	0.78
4334	3704	Max WS	TR200_TP06H	7.73	41.66	43.70		43.87	0.013724	1.82	4.26	5.14	0.64
4334	3704	Max WS	TR030_TP01H	13.74	41.66	43.91		44.25	0.021520	2.57	5.36	5.14	0.80
4334	3704	Max WS	TR030_TP03H	8.64	41.66	43.74		43.93	0.014572	1.92	4.49	5.14	0.66
4334	3704	Max WS	TR030_TP06H	4.90	41.66	43.53		43.63	0.011328	1.45	3.38	5.14	0.57
4334	3703.99			Lat Struct									
4334	3703.98			Lat Struct									
4334	3703.81	Max WS	TR200_TP01H	20.42	41.61	44.07		44.38	0.011333	2.46	8.29	5.36	0.63
4334	3703.81	Max WS	TR200_TP03H	12.60	41.61	43.88		44.03	0.006385	1.74	7.24	5.36	0.48
4334	3703.81	Max WS	TR200_TP06H	7.53	41.61	43.68		43.76	0.003608	1.21	6.20	5.36	0.36
4334	3703.81	Max WS	TR030_TP01H	13.38	41.61	43.90		44.07	0.006857	1.82	7.37	5.36	0.49
4334	3703.81	Max WS	TR030_TP03H	8.39	41.61	43.73		43.82	0.003984	1.30	6.45	5.36	0.38
4334	3703.81	Max WS	TR030_TP06H	4.82	41.61	43.51		43.55	0.002426	0.92	5.25	5.36	0.30
4334	3703.04	Max WS	TR200_TP01H	13.25	41.40	44.09		44.19	0.003010	1.39	9.52	6.23	0.36
4334	3703.04	Max WS	TR200_TP03H	9.11	41.40	43.83		43.90	0.002458	1.15	7.90	6.23	0.33
4334	3703.04	Max WS	TR200_TP06H	6.46	41.40	43.60		43.65	0.002229	1.00	6.48	6.23	0.31
4334	3703.04	Max WS	TR030_TP01H	9.52	41.40	43.86		43.93	0.002511	1.18	8.08	6.23	0.33
4334	3703.04	Max WS	TR030_TP03H	6.86	41.40	43.66		43.71	0.002141	1.00	6.84	6.23	0.31
4334	3703.04	Max WS	TR030_TP06H	4.48	41.40	43.43		43.47	0.001841	0.83	5.42	6.23	0.28
4334	3703	Max WS	TR200_TP01H	12.90	41.39	44.03		44.17	0.005939	1.69	7.65	6.27	0.49
4334	3703	Max WS	TR200_TP03H	9.04	41.39	43.76		43.88	0.006178	1.52	5.97	6.27	0.50
4334	3703	Max WS	TR200_TP06H	6.43	41.39	43.53		43.63	0.007460	1.43	4.50	6.27	0.54
4334	3703	Max WS	TR030_TP01H	9.44	41.39	43.79		43.91	0.006153	1.54	6.15	6.27	0.50
4334	3703	Max WS	TR030_TP03H	6.83	41.39	43.59		43.69	0.006369	1.39	4.92	6.27	0.50
4334	3703	Max WS	TR030_TP06H	4.37	41.39	43.38		43.46	0.006862	1.21	3.61	6.27	0.51
4334	3702			Culvert									
4334	3701	Max WS	TR200_TP01H	12.90	41.67	43.36	43.47	43.94	0.037255	3.35	3.85	4.85	1.20
4334	3701	Max WS	TR200_TP03H	9.04	41.67	43.15	43.28	43.67	0.046648	3.19	2.83	4.85	1.34
4334	3701	Max WS	TR200_TP06H	6.43	41.67	43.03	43.13	43.45	0.041703	2.87	2.24	4.13	1.25
4334	3701	Max WS	TR030_TP01H	9.43	41.67	43.18	43.30	43.70	0.044588	3.20	2.95	4.85	1.31
4334	3701	Max WS	TR030_TP03H	6.83	41.67	43.05	43.15	43.49	0.043883	2.93	2.33	4.38	1.28
4334	3701	Max WS	TR030_TP06H	4.54	41.67	42.90	42.72	43.24	0.040936	2.59	1.75	3.77	1.21
4334	3700.99			Lat Struct									
4334	3700.98			Lat Struct									
4334	3690	Max WS	TR200_TP01H	7.01	41.27	42.89		43.00	0.005832	1.48	4.75	5.41	0.50
4334	3690	Max WS	TR200_TP03H	6.12	41.27	42.80		42.90	0.006163	1.44	4.26	5.41	0.52
4334	3690	Max WS	TR200_TP06H	5.03	41.27	42.67		42.77	0.007010	1.40	3.59	5.41	0.55
4334	3690	Max WS	TR030_TP01H	6.21	41.27	42.81		42.91	0.006123	1.44	4.31	5.41	0.52
4334	3690	Max WS	TR030_TP03H	5.21	41.27	42.70		42.80	0.006656	1.40	3.74	5.41	0.54
4334	3690	Max WS	TR030_TP06H	4.29	41.27	42.56		42.66	0.008484	1.44	2.98	5.08	0.60
4334	3679.38	Max WS	TR200_TP01H	5.57	40.67	42.56		42.60	0.001646	0.96	5.81	4.81	0.28
4334	3679.38	Max WS	TR200_TP03H	5.30	40.67	42.51		42.55	0.001663	0.95	5.58	4.73	0.28
4334	3679.38	Max WS	TR200_TP06H	4.65	40.67	42.37		42.42	0.001764	0.94	4.95	4.51	0.29
4334	3679.38	Max WS	TR030_TP01H	5.35	40.67	42.52		42.56	0.001668	0.95	5.61	4.74	0.28
4334	3679.38	Max WS	TR030_TP03H	4.81	40.67	42.41		42.46	0.001725	0.94	5.12	4.57	0.28
4334	3679.38	Max WS	TR030_TP06H	3.96	40.67	42.21		42.25	0.001956	0.94	4.23	4.25	0.30
4334	3679.0	Max WS	TR200_TP01H	5.46	40.65	42.56		42.60	0.001495	0.92	5.93	4.83	0.26

HEC-RAS Profile: Max WS (Continued)

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
4334	3679.0	Max WS	TR200_TP03H	5.24	40.65	42.50		42.55	0.001539	0.92	5.69	4.74	0.27
4334	3679.0	Max WS	TR200_TP06H	4.65	40.65	42.37		42.41	0.001666	0.92	5.05	4.53	0.28
4334	3679.0	Max WS	TR030_TP01H	5.27	40.65	42.51		42.56	0.001533	0.92	5.73	4.76	0.27
4334	3679.0	Max WS	TR030_TP03H	4.81	40.65	42.41		42.45	0.001629	0.92	5.23	4.59	0.28
4334	3679.0	Max WS	TR030_TP06H	3.95	40.65	42.20		42.25	0.001829	0.91	4.33	4.28	0.29
4334	3675			Culvert									
4334	3670	Max WS	TR200_TP01H	5.42	39.75	41.44		41.50	0.002418	1.10	4.93	4.49	0.33
4334	3670	Max WS	TR200_TP03H	5.23	39.75	41.40		41.46	0.002496	1.10	4.75	4.42	0.34
4334	3670	Max WS	TR200_TP06H	4.64	39.75	41.38		41.43	0.002050	0.99	4.68	4.40	0.31
4334	3670	Max WS	TR030_TP01H	5.25	39.75	41.41		41.47	0.002473	1.10	4.78	4.43	0.34
4334	3670	Max WS	TR030_TP03H	4.81	39.75	41.36		41.41	0.002357	1.06	4.56	4.36	0.33
4334	3670	Max WS	TR030_TP06H	3.94	39.75	41.32		41.36	0.001754	0.90	4.39	4.30	0.28
4334	3669.99			Lat Struct									
4334	3669.98			Lat Struct									
4334	3655.67	Max WS	TR200_TP01H	5.06	39.91	41.27		41.38	0.007547	1.48	3.42	4.98	0.57
4334	3655.67	Max WS	TR200_TP03H	4.90	39.91	41.25		41.36	0.007518	1.46	3.35	4.96	0.57
4334	3655.67	Max WS	TR200_TP06H	4.43	39.91	41.21		41.31	0.007576	1.42	3.12	4.92	0.57
4334	3655.67	Max WS	TR030_TP01H	4.96	39.91	41.26		41.37	0.007574	1.47	3.37	4.97	0.57
4334	3655.67	Max WS	TR030_TP03H	4.54	39.91	41.22		41.32	0.007488	1.42	3.19	4.93	0.57
4334	3655.67	Max WS	TR030_TP06H	3.88	39.91	41.14		41.24	0.007841	1.37	2.83	4.86	0.57
4334	3641.33	Max WS	TR200_TP01H	4.71	39.68	41.15		41.24	0.005206	1.30	3.62	4.63	0.47
4334	3641.33	Max WS	TR200_TP03H	4.58	39.68	41.14		41.22	0.005199	1.29	3.55	4.61	0.47
4334	3641.33	Max WS	TR200_TP06H	4.17	39.68	41.09		41.17	0.005280	1.26	3.31	4.54	0.47
4334	3641.33	Max WS	TR030_TP01H	4.62	39.68	41.14		41.23	0.005231	1.29	3.57	4.61	0.47
4334	3641.33	Max WS	TR030_TP03H	4.28	39.68	41.10		41.18	0.005224	1.26	3.39	4.56	0.47
4334	3641.33	Max WS	TR030_TP06H	3.52	39.68	41.01		41.08	0.005135	1.18	2.98	4.44	0.46
4334	3627	Max WS	TR200_TP01H	4.43	39.45	41.10		41.15	0.002703	1.01	4.39	4.84	0.34
4334	3627	Max WS	TR200_TP03H	4.33	39.45	41.08		41.13	0.002712	1.00	4.32	4.82	0.34
4334	3627	Max WS	TR200_TP06H	4.00	39.45	41.02		41.07	0.002827	0.99	4.03	4.76	0.34
4334	3627	Max WS	TR030_TP01H	4.36	39.45	41.08		41.14	0.002720	1.01	4.34	4.82	0.34
4334	3627	Max WS	TR030_TP03H	4.09	39.45	41.04		41.09	0.002772	0.99	4.12	4.78	0.34
4334	3627	Max WS	TR030_TP06H	3.42	39.45	40.94		40.98	0.002755	0.94	3.66	4.68	0.34
4334	3620	Max WS	TR200_TP01H	4.76	39.30	41.02		41.10	0.004565	1.24	3.83	4.14	0.41
4334	3620	Max WS	TR200_TP03H	4.64	39.30	41.01		41.08	0.004524	1.23	3.77	4.14	0.41
4334	3620	Max WS	TR200_TP06H	4.25	39.30	40.95		41.02	0.004573	1.20	3.54	4.14	0.41
4334	3620	Max WS	TR030_TP01H	4.68	39.30	41.01		41.09	0.004553	1.23	3.79	4.14	0.41
4334	3620	Max WS	TR030_TP03H	4.36	39.30	40.97		41.04	0.004531	1.21	3.62	4.14	0.41
4334	3620	Max WS	TR030_TP06H	3.56	39.30	40.88		40.94	0.004061	1.09	3.27	4.14	0.39
4334	3617.43	Max WS	TR200_TP01H	4.83	39.24	41.00		41.04	0.001895	0.90	5.37	5.53	0.29
4334	3617.43	Max WS	TR200_TP03H	4.70	39.24	40.98		41.02	0.001876	0.89	5.29	5.53	0.29
4334	3617.43	Max WS	TR200_TP06H	4.31	39.24	40.92		40.96	0.001900	0.87	4.98	5.53	0.29
4334	3617.43	Max WS	TR030_TP01H	4.74	39.24	40.99		41.03	0.001882	0.89	5.31	5.53	0.29
4334	3617.43	Max WS	TR030_TP03H	4.43	39.24	40.94		40.98	0.001882	0.87	5.08	5.53	0.29
4334	3617.43	Max WS	TR030_TP06H	3.61	39.24	40.86		40.89	0.001682	0.78	4.61	5.53	0.27
4334	3617	Max WS	TR200_TP01H	4.77	39.20	40.95		41.03	0.005160	1.21	3.93	5.01	0.44
4334	3617	Max WS	TR200_TP03H	4.64	39.20	40.94		41.01	0.005156	1.20	3.86	5.01	0.44
4334	3617	Max WS	TR200_TP06H	4.26	39.20	40.88		40.95	0.005548	1.20	3.56	5.01	0.45
4334	3617	Max WS	TR030_TP01H	4.67	39.20	40.94		41.02	0.005156	1.20	3.88	5.01	0.44
4334	3617	Max WS	TR030_TP03H	4.37	39.20	40.90		40.97	0.005375	1.19	3.66	5.01	0.45
4334	3617	Max WS	TR030_TP06H	3.57	39.20	40.82		40.88	0.005145	1.10	3.25	5.01	0.43
4334	3616			Culvert									
4334	3615	Max WS	TR200_TP01H	4.77	39.18	40.64		40.79	0.015178	1.72	2.78	5.46	0.77
4334	3615	Max WS	TR200_TP03H	4.64	39.18	40.63		40.78	0.015167	1.70	2.73	5.46	0.77
4334	3615	Max WS	TR200_TP06H	4.26	39.18	40.60		40.74	0.015613	1.66	2.56	5.46	0.77
4334	3615	Max WS	TR030_TP01H	4.67	39.18	40.63		40.78	0.015196	1.70	2.74	5.46	0.77
4334	3615	Max WS	TR030_TP03H	4.37	39.18	40.61		40.75	0.015453	1.67	2.62	5.46	0.77
4334	3615	Max WS	TR030_TP06H	3.91	39.18	40.57		40.70	0.016319	1.63	2.39	5.46	0.79
4334	3614.99			Lat Struct									
4334	3614.98			Lat Struct									
4334	3613.04	Max WS	TR200_TP01H	4.95	39.15	40.62		40.67	0.002892	1.01	4.90	6.39	0.37
4334	3613.04	Max WS	TR200_TP03H	4.80	39.15	40.61		40.66	0.002825	0.99	4.85	6.39	0.36
4334	3613.04	Max WS	TR200_TP06H	4.38	39.15	40.57		40.62	0.002678	0.94	4.64	6.39	0.35
4334	3613.04	Max WS	TR030_TP01H	4.84	39.15	40.61		40.66	0.002843	1.00	4.86	6.39	0.36
4334	3613.04	Max WS	TR030_TP03H	4.50	39.15	40.58		40.63	0.002724	0.96	4.70	6.39	0.36
4334	3613.04	Max WS	TR030_TP06H	3.94	39.15	40.54		40.58	0.002530	0.89	4.41	6.39	0.34
4334	3608.48	Max WS	TR200_TP01H	4.68	39.07	40.52		40.60	0.004686	1.19	3.93	5.48	0.45
4334	3608.48	Max WS	TR200_TP03H	4.56	39.07	40.52		40.59	0.004611	1.17	3.89	5.48	0.45
4334	3608.48	Max WS	TR200_TP06H	4.17	39.07	40.49		40.55	0.004314	1.11	3.74	5.48	0.43
4334	3608.48	Max WS	TR030_TP01H	4.59	39.07	40.52		40.59	0.004634	1.18	3.89	5.48	0.45
4334	3608.48	Max WS	TR030_TP03H	4.29	39.07	40.50		40.56	0.004410	1.13	3.79	5.48	0.44
4334	3608.48	Max WS	TR030_TP06H	3.71	39.07	40.46		40.51	0.004006	1.04	3.56	5.48	0.41
4334	3600.65	Max WS	TR200_TP01H	3.61	38.93	40.48		40.50	0.001031	0.62	5.86	7.30	0.22
4334	3600.65	Max WS	TR200_TP03H	3.54	38.93	40.47		40.49	0.001024	0.61	5.80	7.30	0.22
4334	3600.65	Max WS	TR200_TP06H	3.30	38.93	40.44		40.46	0.000997	0.59	5.60	7.30	0.22
4334	3600.65	Max WS	TR030_TP01H	3.55	38.93	40.47		40.49	0.001025	0.61	5.81	7.30	0.22
4334	3600.65	Max WS	TR030_TP03H	3.38	38.93	40.45		40.47	0.001011	0.60	5.65	7.30	0.22
4334	3600.65	Max WS	TR030_TP06H	3.00	38.93	40.41		40.43	0.000947	0.56	5.35	7.30	0.21

HEC-RAS Profile: Max WS (Continued)

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
4334	3600	Max WS	TR200_TP01H	3.46	38.92	40.44		40.49	0.004684	0.95	3.64	7.38	0.43
4334	3600	Max WS	TR200_TP03H	3.39	38.92	40.43		40.48	0.004781	0.95	3.57	7.38	0.44
4334	3600	Max WS	TR200_TP06H	3.18	38.92	40.40		40.45	0.005148	0.95	3.35	7.38	0.45
4334	3600	Max WS	TR030_TP01H	3.40	38.92	40.43		40.48	0.004769	0.95	3.58	7.38	0.44
4334	3600	Max WS	TR030_TP03H	3.25	38.92	40.41		40.46	0.005083	0.95	3.41	7.38	0.45
4334	3600	Max WS	TR030_TP06H	2.90	38.92	40.37		40.41	0.005575	0.94	3.08	7.38	0.46
4334	3597			Culvert									
4334	3595	Max WS	TR200_TP01H	3.46	38.87	40.18		40.30	0.018540	1.55	2.23	6.10	0.82
4334	3595	Max WS	TR200_TP03H	3.39	38.87	40.17		40.29	0.019175	1.56	2.18	6.10	0.83
4334	3595	Max WS	TR200_TP06H	3.18	38.87	40.14		40.27	0.021318	1.57	2.02	6.10	0.87
4334	3595	Max WS	TR030_TP01H	3.40	38.87	40.17		40.29	0.019102	1.56	2.19	6.10	0.83
4334	3595	Max WS	TR030_TP03H	3.25	38.87	40.15		40.28	0.020670	1.57	2.07	6.10	0.86
4334	3595	Max WS	TR030_TP06H	2.90	38.87	40.11		40.24	0.024402	1.58	1.83	6.10	0.92
4334	3594.99			Lat Struct									
4334	3594.98			Lat Struct									
4334	3594.50	Max WS	TR200_TP01H	3.68	38.84	40.13		40.19	0.004175	1.01	3.65	6.43	0.43
4334	3594.50	Max WS	TR200_TP03H	3.61	38.84	40.12		40.18	0.004245	1.01	3.59	6.43	0.43
4334	3594.50	Max WS	TR200_TP06H	3.38	38.84	40.09		40.14	0.004438	1.00	3.39	6.43	0.44
4334	3594.50	Max WS	TR030_TP01H	3.62	38.84	40.13		40.18	0.004231	1.01	3.60	6.43	0.43
4334	3594.50	Max WS	TR030_TP03H	3.46	38.84	40.10		40.15	0.004392	1.00	3.45	6.43	0.44
4334	3594.50	Max WS	TR030_TP06H	3.08	38.84	40.05		40.10	0.004760	0.98	3.13	6.43	0.45
4334	3593	Max WS	TR200_TP01H	4.03	38.77	40.03		40.08	0.004363	1.08	3.73	6.01	0.44
4334	3593	Max WS	TR200_TP03H	3.95	38.77	40.02		40.07	0.004391	1.07	3.67	6.01	0.44
4334	3593	Max WS	TR200_TP06H	3.68	38.77	39.98		40.04	0.004513	1.06	3.48	6.01	0.44
4334	3593	Max WS	TR030_TP01H	3.96	38.77	40.02		40.08	0.004385	1.08	3.68	6.01	0.44
4334	3593	Max WS	TR030_TP03H	3.76	38.77	39.99		40.05	0.004469	1.06	3.54	6.01	0.44
4334	3593	Max WS	TR030_TP06H	3.32	38.77	39.94		39.99	0.004679	1.03	3.22	6.01	0.45
4334	3592.33	Max WS	TR200_TP01H	4.23	38.64	39.89		39.97	0.005121	1.18	3.58	5.64	0.47
4334	3592.33	Max WS	TR200_TP03H	4.14	38.64	39.88		39.95	0.005155	1.18	3.52	5.64	0.48
4334	3592.33	Max WS	TR200_TP06H	3.84	38.64	39.85		39.92	0.005260	1.15	3.33	5.64	0.48
4334	3592.33	Max WS	TR030_TP01H	4.15	38.64	39.89		39.96	0.005157	1.18	3.52	5.64	0.48
4334	3592.33	Max WS	TR030_TP03H	3.93	38.64	39.86		39.93	0.005223	1.16	3.39	5.64	0.48
4334	3592.33	Max WS	TR030_TP06H	3.44	38.64	39.81		39.87	0.005344	1.12	3.09	5.64	0.48
4334	3591.67	Max WS	TR200_TP01H	4.15	38.51	39.81		39.86	0.003678	0.99	4.17	6.90	0.41
4334	3591.67	Max WS	TR200_TP03H	4.05	38.51	39.80		39.85	0.003721	0.99	4.09	6.90	0.41
4334	3591.67	Max WS	TR200_TP06H	3.73	38.51	39.76		39.81	0.003857	0.97	3.84	6.90	0.42
4334	3591.67	Max WS	TR030_TP01H	4.06	38.51	39.80		39.85	0.003716	0.99	4.10	6.90	0.41
4334	3591.67	Max WS	TR030_TP03H	3.83	38.51	39.77		39.82	0.003816	0.98	3.92	6.90	0.41
4334	3591.67	Max WS	TR030_TP06H	3.35	38.51	39.71		39.76	0.004066	0.95	3.51	6.80	0.42
4334	3591.00	Max WS	TR200_TP01H	3.76	38.38	39.74		39.79	0.003097	0.99	3.81	5.44	0.38
4334	3591.00	Max WS	TR200_TP03H	3.67	38.38	39.73		39.78	0.003073	0.98	3.75	5.40	0.38
4334	3591.00	Max WS	TR200_TP06H	3.38	38.38	39.69		39.74	0.003024	0.95	3.55	5.26	0.37
4334	3591.00	Max WS	TR030_TP01H	3.68	38.38	39.73		39.78	0.003079	0.98	3.76	5.40	0.38
4334	3591.00	Max WS	TR030_TP03H	3.47	38.38	39.70		39.75	0.003030	0.96	3.61	5.29	0.37
4334	3591.00	Max WS	TR030_TP06H	3.07	38.38	39.64		39.68	0.003146	0.94	3.27	5.15	0.38
4334	3590.33	Max WS	TR200_TP01H	4.20	38.26	39.66		39.71	0.003078	0.95	4.45	6.84	0.37
4334	3590.33	Max WS	TR200_TP03H	4.11	38.26	39.65		39.69	0.003130	0.94	4.36	6.84	0.38
4334	3590.33	Max WS	TR200_TP06H	3.83	38.26	39.61		39.65	0.003342	0.94	4.08	6.84	0.39
4334	3590.33	Max WS	TR030_TP01H	4.13	38.26	39.65		39.69	0.003120	0.94	4.38	6.84	0.38
4334	3590.33	Max WS	TR030_TP03H	3.92	38.26	39.62		39.66	0.003264	0.94	4.17	6.84	0.38
4334	3590.33	Max WS	TR030_TP06H	3.45	38.26	39.55		39.59	0.003765	0.94	3.67	6.84	0.41
4334	3589.67	Max WS	TR200_TP01H	5.03	38.13	39.51		39.59	0.005081	1.19	4.23	6.74	0.48
4334	3589.67	Max WS	TR200_TP03H	4.89	38.13	39.50		39.57	0.005096	1.18	4.15	6.74	0.48
4334	3589.67	Max WS	TR200_TP06H	4.46	38.13	39.47		39.53	0.005133	1.14	3.91	6.74	0.48
4334	3589.67	Max WS	TR030_TP01H	4.91	38.13	39.51		39.58	0.005086	1.18	4.17	6.74	0.48
4334	3589.67	Max WS	TR030_TP03H	4.60	38.13	39.48		39.55	0.005126	1.15	3.99	6.74	0.48
4334	3589.67	Max WS	TR030_TP06H	3.89	38.13	39.41		39.47	0.005545	1.11	3.49	6.74	0.49
4334	3589	Max WS	TR200_TP01H	5.19	38.00	39.28		39.40	0.010212	1.51	3.44	6.63	0.67
4334	3589	Max WS	TR200_TP03H	5.04	38.00	39.27		39.39	0.010365	1.50	3.36	6.63	0.67
4334	3589	Max WS	TR200_TP06H	4.53	38.00	39.23		39.34	0.010707	1.46	3.11	6.63	0.68
4334	3589	Max WS	TR030_TP01H	5.06	38.00	39.27		39.39	0.010352	1.50	3.38	6.63	0.67
4334	3589	Max WS	TR030_TP03H	4.70	38.00	39.25		39.36	0.010620	1.47	3.19	6.63	0.68
4334	3589	Max WS	TR030_TP06H	3.91	38.00	39.18		39.28	0.010342	1.41	2.77	6.01	0.67
4334	3586.75	Max WS	TR200_TP01H	4.47	37.72	39.09		39.16	0.004538	1.17	3.83	5.63	0.45
4334	3586.75	Max WS	TR200_TP03H	4.35	37.72	39.07		39.14	0.004661	1.17	3.72	5.59	0.46
4334	3586.75	Max WS	TR200_TP06H	3.97	37.72	39.02		39.09	0.004965	1.16	3.41	5.46	0.47
4334	3586.75	Max WS	TR030_TP01H	4.37	37.72	39.08		39.15	0.004641	1.17	3.74	5.59	0.46
4334	3586.75	Max WS	TR030_TP03H	4.09	37.72	39.04		39.10	0.004873	1.17	3.51	5.50	0.47
4334	3586.75	Max WS	TR030_TP06H	3.54	37.72	38.95		39.02	0.005252	1.15	3.08	5.24	0.48
4334	3585.99			Lat Struct									
4334	3585.98			Lat Struct									
4334	3584.50	Max WS	TR200_TP01H	4.54	37.44	38.91		39.00	0.005259	1.26	3.59	5.19	0.48
4334	3584.50	Max WS	TR200_TP03H	4.44	37.44	38.89		38.97	0.005273	1.28	3.46	4.87	0.49
4334	3584.50	Max WS	TR200_TP06H	4.09	37.44	38.81		38.90	0.005693	1.32	3.11	4.45	0.50
4334	3584.50	Max WS	TR030_TP01H	4.46	37.44	38.89		38.98	0.005276	1.28	3.48	4.92	0.49
4334	3584.50	Max WS	TR030_TP03H	4.21	37.44	38.83		38.92	0.005490	1.31	3.22	4.52	0.50
4334	3584.50	Max WS	TR030_TP06H	3.67	37.44	38.72		38.81	0.006502	1.35	2.73	4.18	0.53

HEC-RAS Profile: Max WS (Continued)

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
4334	3582.25	Max WS	TR200_TP01H	5.19	37.16	38.66		38.77	0.006340	1.47	3.53	4.54	0.53
4334	3582.25	Max WS	TR200_TP03H	5.02	37.16	38.64		38.75	0.006440	1.47	3.42	4.46	0.54
4334	3582.25	Max WS	TR200_TP06H	4.48	37.16	38.56		38.67	0.006745	1.45	3.08	4.24	0.54
4334	3582.25	Max WS	TR030_TP01H	5.05	37.16	38.64		38.75	0.006421	1.47	3.44	4.47	0.54
4334	3582.25	Max WS	TR030_TP03H	4.65	37.16	38.59		38.69	0.006657	1.46	3.19	4.31	0.54
4334	3582.25	Max WS	TR030_TP06H	3.86	37.16	38.47		38.57	0.007123	1.43	2.70	3.97	0.55
4334	3580	Max WS	TR200_TP01H	5.44	36.88	38.42		38.54	0.006727	1.53	3.54	4.37	0.54
4334	3580	Max WS	TR200_TP03H	5.23	36.88	38.39		38.51	0.006814	1.53	3.43	4.30	0.55
4334	3580	Max WS	TR200_TP06H	4.62	36.88	38.31		38.43	0.006983	1.49	3.10	4.10	0.55
4334	3580	Max WS	TR030_TP01H	5.27	36.88	38.40		38.52	0.006811	1.53	3.44	4.31	0.55
4334	3580	Max WS	TR030_TP03H	4.81	36.88	38.34		38.45	0.006929	1.50	3.20	4.16	0.55
4334	3580	Max WS	TR030_TP06H	3.93	36.88	38.21		38.32	0.007289	1.46	2.70	3.84	0.55
4334	3575.00	Max WS	TR200_TP01H	5.44	36.62	38.25		38.34	0.004321	1.31	4.16	4.78	0.45
4334	3575.00	Max WS	TR200_TP03H	5.23	36.62	38.22		38.31	0.004382	1.30	4.03	4.73	0.45
4334	3575.00	Max WS	TR200_TP06H	4.62	36.62	38.13		38.22	0.004588	1.28	3.62	4.56	0.46
4334	3575.00	Max WS	TR030_TP01H	5.27	36.62	38.22		38.31	0.004382	1.30	4.04	4.73	0.45
4334	3575.00	Max WS	TR030_TP03H	4.81	36.62	38.16		38.25	0.004505	1.28	3.75	4.61	0.45
4334	3575.00	Max WS	TR030_TP06H	3.93	36.62	38.02		38.10	0.005052	1.26	3.11	4.30	0.47
4334	3570.36	Max WS	TR200_TP01H	5.44	36.37	38.16		38.21	0.002428	1.03	5.29	5.73	0.34
4334	3570.36	Max WS	TR200_TP03H	5.23	36.37	38.13		38.19	0.002472	1.02	5.13	5.73	0.34
4334	3570.36	Max WS	TR200_TP06H	4.62	36.37	38.04		38.09	0.002667	1.00	4.60	5.48	0.35
4334	3570.36	Max WS	TR030_TP01H	5.27	36.37	38.14		38.19	0.002470	1.02	5.15	5.73	0.34
4334	3570.36	Max WS	TR030_TP03H	4.81	36.37	38.07		38.12	0.002594	1.01	4.77	5.50	0.35
4334	3570.36	Max WS	TR030_TP06H	3.93	36.37	37.92		37.97	0.002472	0.99	3.97	4.52	0.34
4334	3570	Max WS	TR200_TP01H	5.43	36.35	38.16		38.21	0.002303	1.02	5.36	5.65	0.33
4334	3570	Max WS	TR200_TP03H	5.23	36.35	38.13		38.18	0.002339	1.01	5.21	5.65	0.33
4334	3570	Max WS	TR200_TP06H	4.62	36.35	38.03		38.08	0.002513	0.99	4.68	5.40	0.34
4334	3570	Max WS	TR030_TP01H	5.26	36.35	38.13		38.18	0.002338	1.01	5.23	5.65	0.33
4334	3570	Max WS	TR030_TP03H	4.81	36.35	38.06		38.11	0.002454	0.99	4.85	5.58	0.34
4334	3570	Max WS	TR030_TP06H	3.93	36.35	37.91		37.96	0.002333	0.97	4.04	4.47	0.33
4334	3568												
					Culvert								
4334	3565	Max WS	TR200_TP01H	5.33	36.49	37.88		38.03	0.008400	1.75	3.04	3.38	0.59
4334	3565	Max WS	TR200_TP03H	5.23	36.49	37.86		38.02	0.008465	1.75	3.00	3.36	0.59
4334	3565	Max WS	TR200_TP06H	4.62	36.49	37.81		37.94	0.007793	1.64	2.82	3.28	0.57
4334	3565	Max WS	TR030_TP01H	5.26	36.49	37.86		38.02	0.008533	1.75	3.00	3.36	0.59
4334	3565	Max WS	TR030_TP03H	4.81	36.49	37.83		37.97	0.007988	1.67	2.88	3.31	0.57
4334	3565	Max WS	TR030_TP06H	3.93	36.49	37.73		37.85	0.007132	1.52	2.58	3.18	0.54
4334	3564.99												
					Lat Struct								
4334	3564.98												
					Lat Struct								
4334	3548.67	Max WS	TR200_TP01H	5.32	36.43	37.81		37.95	0.009222	1.68	3.16	4.38	0.63
4334	3548.67	Max WS	TR200_TP03H	5.23	36.43	37.79		37.94	0.009399	1.70	3.08	4.28	0.64
4334	3548.67	Max WS	TR200_TP06H	4.60	36.43	37.74		37.87	0.008388	1.60	2.88	3.98	0.60
4334	3548.67	Max WS	TR030_TP01H	5.26	36.43	37.79		37.94	0.009487	1.70	3.09	4.28	0.64
4334	3548.67	Max WS	TR030_TP03H	4.81	36.43	37.75		37.89	0.008776	1.63	2.94	4.08	0.61
4334	3548.67	Max WS	TR030_TP06H	3.93	36.43	37.67		37.79	0.007343	1.49	2.63	3.59	0.56
4334	3483.33	Max WS	TR200_TP01H	4.73	36.18	37.70		37.77	0.003531	1.16	4.09	4.91	0.41
4334	3483.33	Max WS	TR200_TP03H	4.74	36.18	37.67		37.75	0.003876	1.20	3.94	4.82	0.42
4334	3483.33	Max WS	TR200_TP06H	4.26	36.18	37.62		37.69	0.003683	1.15	3.71	4.68	0.41
4334	3483.33	Max WS	TR030_TP01H	4.77	36.18	37.67		37.74	0.003964	1.21	3.93	4.81	0.43
4334	3483.33	Max WS	TR030_TP03H	4.43	36.18	37.64		37.71	0.003800	1.17	3.77	4.72	0.42
4334	3483.33	Max WS	TR030_TP06H	3.76	36.18	37.56		37.62	0.003580	1.10	3.42	4.57	0.41
4334	3401.67	Max WS	TR200_TP01H	4.23	35.88	37.58		37.64	0.003785	1.07	3.94	5.27	0.40
4334	3401.67	Max WS	TR200_TP03H	4.44	35.88	37.50		37.58	0.005392	1.27	3.51	4.73	0.47
4334	3401.67	Max WS	TR200_TP06H	4.14	35.88	37.40		37.49	0.006875	1.36	3.05	4.50	0.53
4334	3401.67	Max WS	TR030_TP01H	4.40	35.88	37.42		37.52	0.007060	1.39	3.16	4.56	0.53
4334	3401.67	Max WS	TR030_TP03H	4.26	35.88	37.41		37.51	0.006950	1.37	3.10	4.53	0.53
4334	3401.67	Max WS	TR030_TP06H	3.71	35.88	37.33		37.42	0.007360	1.36	2.73	4.23	0.54
4334	3320	Max WS	TR200_TP01H	3.52	35.57	37.54		37.56	0.000720	0.59	6.18	5.56	0.17
4334	3320	Max WS	TR200_TP03H	4.05	35.57	37.41		37.44	0.001373	0.76	5.49	5.56	0.24
4334	3320	Max WS	TR200_TP06H	4.02	35.57	37.27		37.30	0.002197	0.88	4.67	5.56	0.30
4334	3320	Max WS	TR030_TP01H	4.21	35.57	37.29		37.33	0.002197	0.89	4.81	5.56	0.30
4334	3320	Max WS	TR030_TP03H	4.10	35.57	37.28		37.32	0.002181	0.88	4.75	5.56	0.30
4334	3320	Max WS	TR030_TP06H	3.66	35.57	37.18		37.22	0.002522	0.89	4.19	5.56	0.31
4334	3313.33	Max WS	TR200_TP01H	3.04	35.45	37.53		37.53	0.000183	0.31	9.67	9.03	0.10
4334	3313.33	Max WS	TR200_TP03H	3.37	35.45	37.40		37.40	0.000339	0.40	8.46	9.03	0.13
4334	3313.33	Max WS	TR200_TP06H	3.92	35.45	37.21		37.23	0.000898	0.58	6.82	9.03	0.21
4334	3313.33	Max WS	TR030_TP01H	3.99	35.45	37.25		37.26	0.000816	0.56	7.10	9.03	0.20
4334	3313.33	Max WS	TR030_TP03H	3.93	35.45	37.23		37.25	0.000838	0.56	6.98	9.03	0.20
4334	3313.33	Max WS	TR030_TP06H	3.65	35.45	37.11		37.13	0.001195	0.62	5.92	8.87	0.24
4334	3312.99												
					Lat Struct								
4334	3312.98												
					Lat Struct								
4334	3306.67	Max WS	TR200_TP01H	2.25	35.33	37.53		37.53	0.000089	0.24	9.27	6.30	0.06
4334	3306.67	Max WS	TR200_TP03H	2.05	35.33	37.39		37.40	0.000096	0.24	8.44	6.30	0.07
4334	3306.67	Max WS	TR200_TP06H	3.52	35.33	37.19		37.20	0.000462	0.49	7.17	6.30	0.15
4334	3306.67	Max WS	TR030_TP01H	3.45	35.33	37.23		37.24	0.000405	0.47	7.39	6.30	0.14
4334	3306.67	Max WS	TR030_TP03H	3.45	35.33	37.21		37.22	0.000420	0.47	7.29	6.30	0.14
4334	3306.67	Max WS	TR030_TP06H	3.53	35.33	37.08		37.10	0.000632	0.55	6.46	6.30	0.17

HEC-RAS Profile: Max WS (Continued)

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
4334	3300	Max WS	TR200_TP01H	-2.51	34.99	37.53		37.53	0.000065	-0.22	11.28	6.73	0.05
4334	3300	Max WS	TR200_TP03H	-2.67	34.99	37.39		37.40	0.000094	-0.26	10.38	6.73	0.07
4334	3300	Max WS	TR200_TP06H	0.90	34.99	37.20		37.20	0.000016	0.10	9.07	6.73	0.03
4334	3300	Max WS	TR030_TP01H	0.19	34.99	37.24		37.24	0.000001	0.02	9.32	6.73	0.01
4334	3300	Max WS	TR030_TP03H	0.42	34.99	37.22		37.22	0.000003	0.05	9.22	6.73	0.01
4334	3300	Max WS	TR030_TP06H	1.97	34.99	37.08		37.08	0.000099	0.24	8.28	6.73	0.07
4334	3266.00	Max WS	TR200_TP01H	-5.09	34.84	37.52		37.53	0.000224	-0.42	12.04	7.06	0.10
4334	3266.00	Max WS	TR200_TP03H	-4.92	34.84	37.39		37.40	0.000264	-0.44	11.11	7.06	0.11
4334	3266.00	Max WS	TR200_TP06H	-1.49	34.84	37.20		37.20	0.000035	-0.15	9.77	7.06	0.04
4334	3266.00	Max WS	TR030_TP01H	-2.54	34.84	37.23		37.23	0.000095	-0.25	10.01	7.06	0.07
4334	3266.00	Max WS	TR030_TP03H	-2.26	34.84	37.22		37.22	0.000077	-0.23	9.91	7.06	0.06
4334	3266.00	Max WS	TR030_TP06H	1.29	34.84	37.08		37.08	0.000034	0.14	8.96	7.06	0.04
4334	3232.00	Max WS	TR200_TP01H	-7.53	34.69	37.51		37.53	0.000415	-0.63	12.04	6.38	0.15
4334	3232.00	Max WS	TR200_TP03H	-7.01	34.69	37.38		37.40	0.000447	-0.63	11.21	6.38	0.15
4334	3232.00	Max WS	TR200_TP06H	-3.49	34.69	37.19		37.20	0.000157	-0.35	10.01	6.38	0.09
4334	3232.00	Max WS	TR030_TP01H	-4.40	34.69	37.23		37.23	0.000234	-0.43	10.22	6.38	0.11
4334	3232.00	Max WS	TR030_TP03H	-4.20	34.69	37.21		37.22	0.000219	-0.41	10.13	6.38	0.11
4334	3232.00	Max WS	TR030_TP06H	-0.39	34.69	37.08		37.08	0.000002	-0.04	9.31	6.38	0.01
4334	3198	Max WS	TR200_TP01H	-9.06	34.54	37.52		37.55	0.000911	-0.75	12.03	7.73	0.19
4334	3198	Max WS	TR200_TP03H	-8.62	34.54	37.39		37.42	0.001069	-0.78	11.04	7.73	0.21
4334	3198	Max WS	TR200_TP06H	-4.92	34.54	37.19		37.21	0.000545	-0.52	9.52	7.73	0.15
4334	3198	Max WS	TR030_TP01H	-5.95	34.54	37.23		37.25	0.000733	-0.61	9.78	7.73	0.17
4334	3198	Max WS	TR030_TP03H	-5.68	34.54	37.21		37.23	0.000692	-0.59	9.68	7.73	0.17
4334	3198	Max WS	TR030_TP06H	-1.89	34.54	37.08		37.08	0.000108	-0.22	8.65	7.73	0.07
4334	3197			Culvert									
4334	3195	Max WS	TR200_TP01H	-9.07	34.45	37.54		37.58	0.001018	-0.82	11.00	7.28	0.21
4334	3195	Max WS	TR200_TP03H	-8.64	34.45	37.42		37.45	0.001196	-0.86	10.08	7.28	0.23
4334	3195	Max WS	TR200_TP06H	-4.92	34.45	37.21		37.23	0.000633	-0.58	8.56	7.28	0.17
4334	3195	Max WS	TR030_TP01H	-6.07	34.45	37.25		37.27	0.000872	-0.69	8.85	7.28	0.20
4334	3195	Max WS	TR030_TP03H	-5.70	34.45	37.23		37.26	0.000798	-0.65	8.74	7.28	0.19
4334	3195	Max WS	TR030_TP06H	-1.90	34.45	37.08		37.09	0.000132	-0.25	7.65	7.28	0.08
4334	3194.99			Lat Struct									
4334	3194.98			Lat Struct									
4334	3194.13	Max WS	TR200_TP01H	-7.55	34.44	37.58		37.60	0.000514	-0.59	12.84	8.25	0.15
4334	3194.13	Max WS	TR200_TP03H	-7.24	34.44	37.45		37.47	0.000608	-0.61	11.81	8.25	0.16
4334	3194.13	Max WS	TR200_TP06H	-4.37	34.44	37.22		37.23	0.000377	-0.44	9.91	8.25	0.13
4334	3194.13	Max WS	TR030_TP01H	-5.36	34.44	37.27		37.28	0.000504	-0.52	10.31	8.25	0.15
4334	3194.13	Max WS	TR030_TP03H	-5.00	34.44	37.25		37.26	0.000458	-0.49	10.16	8.25	0.14
4334	3194.13	Max WS	TR030_TP06H	-1.77	34.44	37.09		37.09	0.000080	-0.20	8.82	7.50	0.06
4334	3193.25	Max WS	TR200_TP01H	-6.80	34.42	37.58		37.61	0.000871	-0.67	10.22	6.94	0.18
4334	3193.25	Max WS	TR200_TP03H	-6.56	34.42	37.46		37.48	0.001058	-0.70	9.35	6.94	0.19
4334	3193.25	Max WS	TR200_TP06H	-4.20	34.42	37.22		37.24	0.000720	-0.54	7.76	6.32	0.16
4334	3193.25	Max WS	TR030_TP01H	-5.03	34.42	37.27		37.29	0.000933	-0.62	8.08	6.55	0.18
4334	3193.25	Max WS	TR030_TP03H	-4.74	34.42	37.25		37.27	0.000859	-0.60	7.96	6.47	0.17
4334	3193.25	Max WS	TR030_TP06H	-1.78	34.42	37.09		37.09	0.000172	-0.26	6.93	5.78	0.07
4334	3193	Max WS	TR200_TP01H	-6.74	34.42	37.58		37.62	0.001939	-0.84	8.02	6.60	0.24
4334	3193	Max WS	TR200_TP03H	-6.51	34.42	37.45		37.50	0.002529	-0.91	7.19	6.60	0.28
4334	3193	Max WS	TR200_TP06H	-4.22	34.42	37.22		37.25	0.001910	-0.73	5.75	5.55	0.23
4334	3193	Max WS	TR030_TP01H	-5.02	34.42	37.27		37.30	0.002402	-0.83	6.03	5.81	0.26
4334	3193	Max WS	TR030_TP03H	-4.74	34.42	37.25		37.28	0.002238	-0.80	5.92	5.71	0.25
4334	3193	Max WS	TR030_TP06H	-1.79	34.42	37.09		37.09	0.000476	-0.35	5.05	4.90	0.11
4334	3190			Culvert									
4334	3187.908	Max WS	TR200_TP01H	-6.78	34.20	37.62		37.65	0.001482	-0.79	8.53	5.06	0.20
4334	3187.908	Max WS	TR200_TP03H	-6.52	34.20	37.53		37.56	0.001623	-0.81	8.06	5.06	0.20
4334	3187.908	Max WS	TR200_TP06H	-4.22	34.20	37.29		37.31	0.001100	-0.62	6.86	5.06	0.17
4334	3187.908	Max WS	TR030_TP01H	-5.14	34.20	37.36		37.39	0.001403	-0.71	7.21	5.06	0.19
4334	3187.908	Max WS	TR030_TP03H	-4.76	34.20	37.34		37.36	0.001275	-0.67	7.07	5.06	0.18
4334	3187.908	Max WS	TR030_TP06H	-1.82	34.20	37.10		37.11	0.000319	-0.31	5.91	5.06	0.09
4334	3170	Max WS	TR200_TP01H	-6.78	34.20	37.64		37.66	0.000893	-0.67	10.14	5.70	0.16
4334	3170	Max WS	TR200_TP03H	-6.52	34.20	37.54		37.57	0.000966	-0.68	9.61	5.70	0.17
4334	3170	Max WS	TR200_TP06H	-4.22	34.20	37.30		37.31	0.000642	-0.51	8.23	5.70	0.14
4334	3170	Max WS	TR030_TP01H	-5.15	34.20	37.37		37.39	0.000825	-0.60	8.64	5.70	0.15
4334	3170	Max WS	TR030_TP03H	-4.76	34.20	37.35		37.36	0.000747	-0.56	8.49	5.70	0.15
4334	3170	Max WS	TR030_TP06H	-1.82	34.20	37.11		37.11	0.000174	-0.25	7.14	5.25	0.07
streda-valle	4770	Max WS	TR200_TP01H	44.22	34.16	37.42		37.63	0.003639	2.02	21.84	11.21	0.46
streda-valle	4770	Max WS	TR200_TP03H	42.03	34.16	37.34		37.54	0.003774	2.02	20.85	11.21	0.47
streda-valle	4770	Max WS	TR200_TP06H	34.71	34.16	37.12		37.30	0.003728	1.88	18.42	11.21	0.47
streda-valle	4770	Max WS	TR030_TP01H	37.18	34.16	37.17		37.37	0.003871	1.95	19.04	11.21	0.48
streda-valle	4770	Max WS	TR030_TP03H	36.11	34.16	37.16		37.34	0.003760	1.91	18.86	11.21	0.47
streda-valle	4770	Max WS	TR030_TP06H	30.39	34.16	36.93		37.11	0.004139	1.86	16.30	11.21	0.49
streda-valle	4769.99			Lat Struct									
streda-valle	4769.98			Lat Struct									
streda-valle	4769.054	Max WS	TR200_TP01H	44.04	34.16	37.39		37.61	0.003767	2.05	21.53	11.21	0.47
streda-valle	4769.054	Max WS	TR200_TP03H	41.67	34.16	37.31		37.52	0.003861	2.03	20.57	11.21	0.48
streda-valle	4769.054	Max WS	TR200_TP06H	34.88	34.16	37.08		37.27	0.004059	1.94	17.96	11.21	0.49
streda-valle	4769.054	Max WS	TR030_TP01H	37.23	34.16	37.14		37.34	0.004145	2.00	18.63	11.21	0.50

HEC-RAS Profile: Max WS (Continued)

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
streda-valle	4467.98			Lat Struct									
streda-valle	4441.149	Max WS	TR200_TP01H	42.47	32.92	36.06		36.32	0.005167	2.29	18.58	10.25	0.54
streda-valle	4441.149	Max WS	TR200_TP03H	40.03	32.92	36.01		36.26	0.004929	2.21	18.14	10.25	0.53
streda-valle	4441.149	Max WS	TR200_TP06H	34.22	32.92	35.89		36.10	0.004482	2.03	16.86	10.25	0.51
streda-valle	4441.149	Max WS	TR030_TP01H	34.98	32.92	35.90		36.11	0.004614	2.06	16.94	10.25	0.51
streda-valle	4441.149	Max WS	TR030_TP03H	34.86	32.92	35.90		36.11	0.004576	2.06	16.95	10.25	0.51
streda-valle	4441.149	Max WS	TR030_TP06H	30.09	32.92	35.77		35.96	0.004292	1.92	15.69	10.25	0.49
streda-valle	4405.174	Max WS	TR200_TP01H	43.35	32.52	35.81		36.11	0.006016	2.42	17.90	10.30	0.59
streda-valle	4405.174	Max WS	TR200_TP03H	40.94	32.52	35.78		36.06	0.005639	2.33	17.61	10.30	0.57
streda-valle	4405.174	Max WS	TR200_TP06H	35.51	32.52	35.67		35.91	0.005172	2.16	16.48	10.30	0.54
streda-valle	4405.174	Max WS	TR030_TP01H	36.20	32.52	35.67		35.92	0.005365	2.20	16.49	10.30	0.55
streda-valle	4405.174	Max WS	TR030_TP03H	36.08	32.52	35.68		35.92	0.005291	2.18	16.53	10.30	0.55
streda-valle	4405.174	Max WS	TR030_TP06H	31.43	32.52	35.57		35.78	0.004693	2.03	15.48	9.87	0.52
streda-valle	4375.483	Max WS	TR200_TP01H	42.25	32.41	35.74		35.95	0.003954	2.03	20.77	11.59	0.49
streda-valle	4375.483	Max WS	TR200_TP03H	40.02	32.41	35.71		35.91	0.003717	1.96	20.44	11.59	0.47
streda-valle	4375.483	Max WS	TR200_TP06H	34.93	32.41	35.60		35.77	0.003441	1.82	19.16	11.59	0.45
streda-valle	4375.483	Max WS	TR030_TP01H	35.52	32.41	35.60		35.77	0.003561	1.85	19.16	11.59	0.46
streda-valle	4375.483	Max WS	TR030_TP03H	35.44	32.41	35.60		35.78	0.003516	1.84	19.21	11.59	0.46
streda-valle	4375.483	Max WS	TR030_TP06H	31.02	32.41	35.50		35.65	0.003264	1.72	18.03	11.59	0.44
streda-valle	4350.400	Max WS	TR200_TP01H	40.37	32.23	35.66		35.86	0.003854	2.00	20.16	10.94	0.47
streda-valle	4350.400	Max WS	TR200_TP03H	38.45	32.23	35.63		35.82	0.003653	1.94	19.86	10.94	0.46
streda-valle	4350.400	Max WS	TR200_TP06H	33.91	32.23	35.52		35.69	0.003437	1.82	18.64	10.94	0.45
streda-valle	4350.400	Max WS	TR030_TP01H	34.39	32.23	35.52		35.69	0.003543	1.85	18.62	10.94	0.45
streda-valle	4350.400	Max WS	TR030_TP03H	34.34	32.23	35.52		35.70	0.003504	1.84	18.67	10.94	0.45
streda-valle	4350.400	Max WS	TR030_TP06H	30.35	32.23	35.42		35.57	0.003290	1.73	17.56	10.94	0.44
streda-valle	4320.108	Max WS	TR200_TP01H	40.62	32.10	35.56		35.74	0.003405	1.90	21.39	11.81	0.45
streda-valle	4320.108	Max WS	TR200_TP03H	38.76	32.10	35.54		35.71	0.003219	1.83	21.13	11.81	0.44
streda-valle	4320.108	Max WS	TR200_TP06H	34.37	32.10	35.43		35.58	0.003059	1.73	19.83	11.79	0.43
streda-valle	4320.108	Max WS	TR030_TP01H	34.78	32.10	35.42		35.58	0.003152	1.76	19.78	11.77	0.43
streda-valle	4320.108	Max WS	TR030_TP03H	34.77	32.10	35.43		35.59	0.003121	1.75	19.85	11.80	0.43
streda-valle	4320.108	Max WS	TR030_TP06H	30.97	32.10	35.33		35.47	0.002863	1.66	18.71	11.37	0.41
streda-valle	4295.470	Max WS	TR200_TP01H	37.66	32.10	35.57		35.68	0.001740	1.49	25.30	12.10	0.33
streda-valle	4295.470	Max WS	TR200_TP03H	36.01	32.10	35.54		35.65	0.001648	1.44	25.01	12.10	0.32
streda-valle	4295.470	Max WS	TR200_TP06H	32.01	32.10	35.43		35.52	0.001541	1.35	23.62	12.10	0.31
streda-valle	4295.470	Max WS	TR030_TP01H	32.35	32.10	35.43		35.52	0.001582	1.37	23.58	12.10	0.31
streda-valle	4295.470	Max WS	TR030_TP03H	32.35	32.10	35.43		35.53	0.001568	1.37	23.66	12.10	0.31
streda-valle	4295.470	Max WS	TR030_TP06H	28.94	32.10	35.33		35.42	0.001472	1.29	22.43	12.10	0.30
streda-valle	4276.587	Max WS	TR200_TP01H	35.16	31.93	35.54		35.66	0.001994	1.54	22.84	10.98	0.34
streda-valle	4276.587	Max WS	TR200_TP03H	33.80	31.93	35.51		35.63	0.001911	1.50	22.56	10.98	0.33
streda-valle	4276.587	Max WS	TR200_TP06H	30.41	31.93	35.39		35.50	0.001844	1.43	21.25	10.98	0.33
streda-valle	4276.587	Max WS	TR030_TP01H	30.67	31.93	35.39		35.50	0.001885	1.45	21.22	10.98	0.33
streda-valle	4276.587	Max WS	TR030_TP03H	30.70	31.93	35.40		35.50	0.001871	1.44	21.28	10.98	0.33
streda-valle	4276.587	Max WS	TR030_TP06H	27.81	31.93	35.29		35.39	0.001811	1.38	20.13	10.98	0.33
streda-valle	4260.636	Max WS	TR200_TP01H	34.23	31.96	35.51		35.63	0.002077	1.54	22.27	11.21	0.35
streda-valle	4260.636	Max WS	TR200_TP03H	32.94	31.96	35.49		35.60	0.001998	1.50	21.99	11.21	0.34
streda-valle	4260.636	Max WS	TR200_TP06H	29.66	31.96	35.37		35.47	0.001951	1.44	20.65	11.21	0.34
streda-valle	4260.636	Max WS	TR030_TP01H	29.87	31.96	35.37		35.47	0.001990	1.45	20.62	11.21	0.34
streda-valle	4260.636	Max WS	TR030_TP03H	29.91	31.96	35.37		35.48	0.001976	1.45	20.68	11.21	0.34
streda-valle	4260.636	Max WS	TR030_TP06H	27.20	31.96	35.26		35.36	0.001954	1.40	19.48	11.21	0.34
streda-valle	4237.833	Max WS	TR200_TP01H	34.18	31.82	35.45		35.58	0.002538	1.62	21.15	11.62	0.38
streda-valle	4237.833	Max WS	TR200_TP03H	32.98	31.82	35.42		35.55	0.002462	1.58	20.86	11.62	0.38
streda-valle	4237.833	Max WS	TR200_TP06H	29.77	31.82	35.30		35.42	0.002472	1.53	19.46	11.62	0.38
streda-valle	4237.833	Max WS	TR030_TP01H	29.89	31.82	35.30		35.42	0.002506	1.54	19.43	11.62	0.38
streda-valle	4237.833	Max WS	TR030_TP03H	29.97	31.82	35.31		35.43	0.002494	1.54	19.49	11.62	0.38
streda-valle	4237.833	Max WS	TR030_TP06H	27.31	31.82	35.20		35.31	0.002538	1.50	18.22	11.62	0.38
streda-valle	4236.99			Lat Struct									
streda-valle	4236.98			Lat Struct									
streda-valle	4219.780	Max WS	TR200_TP01H	33.38	31.90	35.40		35.54	0.002673	1.68	19.84	10.30	0.39
streda-valle	4219.780	Max WS	TR200_TP03H	32.43	31.90	35.37		35.51	0.002632	1.66	19.56	10.30	0.38
streda-valle	4219.780	Max WS	TR200_TP06H	29.77	31.90	35.24		35.37	0.002740	1.64	18.21	10.30	0.39
streda-valle	4219.780	Max WS	TR030_TP01H	29.80	31.90	35.24		35.37	0.002756	1.64	18.19	10.30	0.39
streda-valle	4219.780	Max WS	TR030_TP03H	29.92	31.90	35.24		35.38	0.002751	1.64	18.24	10.30	0.39
streda-valle	4219.780	Max WS	TR030_TP06H	27.57	31.90	35.13		35.26	0.002859	1.62	17.05	10.30	0.40
streda-valle	4200.827	Max WS	TR200_TP01H	34.52	31.67	35.23		35.45	0.004797	2.10	16.45	9.43	0.51
streda-valle	4200.827	Max WS	TR200_TP03H	33.70	31.67	35.20		35.42	0.004806	2.08	16.18	9.43	0.51
streda-valle	4200.827	Max WS	TR200_TP06H	31.00	31.67	35.06		35.28	0.005168	2.09	14.86	9.29	0.53
streda-valle	4200.827	Max WS	TR030_TP01H	30.90	31.67	35.06		35.28	0.005126	2.08	14.87	9.30	0.52
streda-valle	4200.827	Max WS	TR030_TP03H	31.03	31.67	35.06		35.28	0.005140	2.08	14.91	9.32	0.53
streda-valle	4200.827	Max WS	TR030_TP06H	28.63	31.67	34.95		35.17	0.004908	2.06	13.89	8.39	0.51
streda-valle	4178.919	Max WS	TR200_TP01H	35.39	31.59	35.25		35.33	0.001218	1.28	27.65	12.65	0.28
streda-valle	4178.919	Max WS	TR200_TP03H	34.70	31.59	35.22		35.30	0.001223	1.27	27.25	12.65	0.28
streda-valle	4178.919	Max WS	TR200_TP06H	31.96	31.59	35.07		35.15	0.001273	1.26	25.44	12.65	0.28
streda-valle	4178.919	Max WS	TR030_TP01H	31.75	31.59	35.08		35.16	0.001251	1.25	25.47	12.65	0.28
streda-valle	4178.919	Max WS	TR030_TP03H	31.92	31.59	35.08		35.16	0.001257	1.25	25.52	12.65	0.28
streda-valle	4178.919	Max WS	TR030_TP06H	29.33	31.59	34.97		35.04	0.001258	1.22	24.11	12.65	0.28
streda-valle	4135.810	Max WS	TR200_TP01H	31.53	31.62	35.08		35.25	0.003444	1.84	17.15	9.00	0.43
streda-valle	4135.810	Max WS	TR200_TP03H	30.80	31.62	35.05		35.22	0.003439	1.82	16.89	9.00	0.43
streda-valle	4135.810	Max WS	TR200_TP06H	29.04	31.62	34.87							

HEC-RAS Profile: Max WS (Continued)

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
streda-valle	4135.810	Max WS	TR030_TP01H	28.63	31.62	34.88		35.06	0.003894	1.86	15.40	9.00	0.45
streda-valle	4135.810	Max WS	TR030_TP03H	28.79	31.62	34.89		35.07	0.003921	1.87	15.42	9.00	0.46
streda-valle	4135.810	Max WS	TR030_TP06H	27.78	31.62	34.71		34.92	0.005043	2.01	13.83	9.00	0.52
streda-valle	4106.932	Max WS	TR200_TP01H	31.04	31.49	35.08		35.16	0.001190	1.19	25.99	12.96	0.27
streda-valle	4106.932	Max WS	TR200_TP03H	30.26	31.49	35.05		35.13	0.001183	1.18	25.61	12.96	0.27
streda-valle	4106.932	Max WS	TR200_TP06H	27.87	31.49	34.88		34.95	0.001335	1.20	23.29	12.96	0.29
streda-valle	4106.932	Max WS	TR030_TP01H	27.84	31.49	34.89		34.96	0.001307	1.19	23.44	12.96	0.28
streda-valle	4106.932	Max WS	TR030_TP03H	27.95	31.49	34.89		34.96	0.001310	1.19	23.48	12.96	0.28
streda-valle	4106.932	Max WS	TR030_TP06H	26.86	31.49	34.71		34.79	0.001670	1.27	21.12	12.96	0.32
streda-valle	4058.886	Max WS	TR200_TP01H	32.22	31.47	34.95		35.07	0.001963	1.51	21.36	10.59	0.34
streda-valle	4058.886	Max WS	TR200_TP03H	31.32	31.47	34.92		35.04	0.001925	1.49	21.09	10.59	0.34
streda-valle	4058.886	Max WS	TR200_TP06H	28.18	31.47	34.75		34.86	0.002048	1.47	19.22	10.59	0.35
streda-valle	4058.886	Max WS	TR030_TP01H	28.55	31.47	34.75		34.87	0.002085	1.48	19.28	10.59	0.35
streda-valle	4058.886	Max WS	TR030_TP03H	28.58	31.47	34.76		34.87	0.002073	1.48	19.33	10.59	0.35
streda-valle	4058.886	Max WS	TR030_TP06H	25.79	31.47	34.59		34.70	0.002266	1.47	17.50	10.59	0.37
streda-valle	4030.117	Max WS	TR200_TP01H	31.43	31.48	34.91		35.01	0.001817	1.45	21.64	10.62	0.32
streda-valle	4030.117	Max WS	TR200_TP03H	30.58	31.48	34.88		34.99	0.001785	1.43	21.37	10.62	0.32
streda-valle	4030.117	Max WS	TR200_TP06H	27.46	31.48	34.70		34.80	0.001896	1.41	19.47	10.62	0.33
streda-valle	4030.117	Max WS	TR030_TP01H	27.79	31.48	34.71		34.81	0.001925	1.42	19.52	10.62	0.34
streda-valle	4030.117	Max WS	TR030_TP03H	27.82	31.48	34.71		34.82	0.001915	1.42	19.57	10.62	0.33
streda-valle	4030.117	Max WS	TR030_TP06H	24.99	31.48	34.54		34.64	0.002083	1.41	17.70	10.62	0.35
streda-valle	4029.99		Lat Struct										
streda-valle	4029.98		Lat Struct										
streda-valle	4007.436	Max WS	TR200_TP01H	32.63	31.48	34.82		34.95	0.002383	1.63	19.97	9.97	0.37
streda-valle	4007.436	Max WS	TR200_TP03H	31.78	31.48	34.79		34.93	0.002339	1.61	19.73	9.97	0.37
streda-valle	4007.436	Max WS	TR200_TP06H	28.40	31.48	34.62		34.74	0.002465	1.58	17.95	9.97	0.38
streda-valle	4007.436	Max WS	TR030_TP01H	28.72	31.48	34.62		34.75	0.002508	1.60	17.99	9.97	0.38
streda-valle	4007.436	Max WS	TR030_TP03H	28.76	31.48	34.62		34.75	0.002494	1.59	18.04	9.97	0.38
streda-valle	4007.436	Max WS	TR030_TP06H	25.51	31.48	34.45		34.58	0.002638	1.56	16.32	9.97	0.39
streda-valle	3984.653	Max WS	TR200_TP01H	34.88	31.39	34.75		34.88	0.002349	1.58	22.11	12.29	0.38
streda-valle	3984.653	Max WS	TR200_TP03H	33.98	31.39	34.73		34.85	0.002316	1.56	21.83	12.29	0.37
streda-valle	3984.653	Max WS	TR200_TP06H	30.40	31.39	34.54		34.67	0.002595	1.56	19.54	12.29	0.39
streda-valle	3984.653	Max WS	TR030_TP01H	30.77	31.39	34.54		34.67	0.002650	1.57	19.55	12.29	0.40
streda-valle	3984.653	Max WS	TR030_TP03H	30.80	31.39	34.55		34.68	0.002623	1.57	19.63	12.29	0.40
streda-valle	3984.653	Max WS	TR030_TP06H	27.41	31.39	34.37		34.49	0.002857	1.58	17.40	11.72	0.41
streda-valle	3958.660	Max WS	TR200_TP01H	34.68	31.21	34.71		34.82	0.002133	1.49	23.29	13.01	0.36
streda-valle	3958.660	Max WS	TR200_TP03H	33.90	31.21	34.69		34.80	0.002120	1.47	22.98	13.01	0.35
streda-valle	3958.660	Max WS	TR200_TP06H	30.63	31.21	34.49		34.60	0.002497	1.50	20.38	13.01	0.38
streda-valle	3958.660	Max WS	TR030_TP01H	30.97	31.21	34.49		34.60	0.002552	1.52	20.39	13.01	0.39
streda-valle	3958.660	Max WS	TR030_TP03H	31.00	31.21	34.49		34.61	0.002520	1.51	20.48	13.01	0.39
streda-valle	3958.660	Max WS	TR030_TP06H	27.75	31.21	34.30		34.42	0.003053	1.55	17.91	13.01	0.42
streda-valle	3926.105	Max WS	TR200_TP01H	35.68	31.08	34.33		34.65	0.007146	2.51	14.20	8.43	0.62
streda-valle	3926.105	Max WS	TR200_TP03H	35.01	31.08	34.31		34.63	0.007060	2.49	14.07	8.40	0.61
streda-valle	3926.105	Max WS	TR200_TP06H	31.25	31.08	34.09		34.42	0.007608	2.54	12.32	7.45	0.63
streda-valle	3926.105	Max WS	TR030_TP01H	31.56	31.08	34.07		34.42	0.007955	2.59	12.19	7.38	0.64
streda-valle	3926.105	Max WS	TR030_TP03H	31.63	31.08	34.09		34.42	0.007855	2.57	12.28	7.43	0.64
streda-valle	3926.105	Max WS	TR030_TP06H	27.77	31.08	33.91		34.23	0.007657	2.51	11.04	6.68	0.62
streda-valle	3907.333	Max WS	TR200_TP01H	36.89	31.10	34.23		34.49	0.005344	2.28	16.18	9.40	0.55
streda-valle	3907.333	Max WS	TR200_TP03H	36.29	31.10	34.21		34.47	0.005289	2.26	16.04	9.35	0.55
streda-valle	3907.333	Max WS	TR200_TP06H	31.97	31.10	34.00		34.26	0.005398	2.25	14.20	8.35	0.55
streda-valle	3907.333	Max WS	TR030_TP01H	32.27	31.10	33.98		34.25	0.005651	2.30	14.02	8.24	0.56
streda-valle	3907.333	Max WS	TR030_TP03H	32.35	31.10	33.99		34.26	0.005592	2.29	14.12	8.31	0.56
streda-valle	3907.333	Max WS	TR030_TP06H	27.86	31.10	33.85		34.08	0.005102	2.15	12.95	7.77	0.53
streda-valle	3890.052	Max WS	TR200_TP01H	37.13	30.87	34.08		34.37	0.005968	2.42	15.36	8.54	0.58
streda-valle	3890.052	Max WS	TR200_TP03H	36.64	30.87	34.06		34.36	0.005912	2.41	15.23	8.45	0.57
streda-valle	3890.052	Max WS	TR200_TP06H	32.08	30.87	33.87		34.15	0.005788	2.34	13.71	7.72	0.56
streda-valle	3890.052	Max WS	TR030_TP01H	32.29	30.87	33.85		34.14	0.006083	2.39	13.52	7.66	0.57
streda-valle	3890.052	Max WS	TR030_TP03H	32.38	30.87	33.86		34.15	0.006009	2.38	13.61	7.69	0.57
streda-valle	3890.052	Max WS	TR030_TP06H	27.92	30.87	33.73		33.98	0.005368	2.20	12.66	7.36	0.54
streda-valle	3865.580	Max WS	TR200_TP01H	37.35	30.60	34.03		34.22	0.003564	1.94	19.28	10.78	0.46
streda-valle	3865.580	Max WS	TR200_TP03H	36.93	30.60	34.01		34.20	0.003549	1.93	19.09	10.64	0.46
streda-valle	3865.580	Max WS	TR200_TP06H	32.22	30.60	33.82		34.00	0.003346	1.87	17.24	9.56	0.44
streda-valle	3865.580	Max WS	TR030_TP01H	32.29	30.60	33.80		33.98	0.003469	1.90	17.00	9.44	0.45
streda-valle	3865.580	Max WS	TR030_TP03H	32.42	30.60	33.81		33.99	0.003445	1.89	17.11	9.50	0.45
streda-valle	3865.580	Max WS	TR030_TP06H	28.00	30.60	33.69		33.85	0.003038	1.75	15.98	9.04	0.42
streda-valle	3845.089	Max WS	TR200_TP01H	37.44	30.60	34.00		34.14	0.002603	1.67	22.45	13.01	0.41
streda-valle	3845.089	Max WS	TR200_TP03H	37.10	30.60	33.98		34.13	0.002590	1.67	22.21	12.78	0.40
streda-valle	3845.089	Max WS	TR200_TP06H	32.31	30.60	33.80		33.93	0.002457	1.62	19.99	11.54	0.39
streda-valle	3845.089	Max WS	TR030_TP01H	32.30	30.60	33.78		33.91	0.002538	1.64	19.71	11.41	0.40
streda-valle	3845.089	Max WS	TR030_TP03H	32.46	30.60	33.79		33.93	0.002523	1.64	19.84	11.47	0.40
streda-valle	3845.089	Max WS	TR030_TP06H	28.06	30.60	33.67		33.78	0.002200	1.52	18.50	10.73	0.37
streda-valle	3828.817	Max WS	TR200_TP01H	37.16	30.70	33.88		34.09	0.003867	2.03	18.28	9.71	0.47
streda-valle	3828.817	Max WS	TR200_TP03H	36.88	30.70	33.86		34.07	0.003870	2.04	18.09	9.56	0.47
streda-valle	3828.817	Max WS	TR200_TP06H	32.28	30.70	33.69		33.88	0.003749	1.96	16.47	9.08	0.46
streda-valle	3828.817	Max WS	TR030_TP01H	32.21	30.70	33.66		33.86	0.003877	1.98	16.23	9.01	0.47
streda-valle	3828.817	Max WS	TR030_TP03H	32.32	30.70	33.67		33.87	0.003834	1.98	16.34	9.04	0.47
streda-valle	3828.817	Max WS	TR030_TP06H	28.07	30.70	33.57		33.74	0.003391	1.82	15.41	8.87	0.44
streda-valle	3810.695	Max WS	TR200_TP01H	35.95	30.48	33.79		34.03	0.004276	2.14	16.83	8.56	0.49
streda-valle	3810.695	Max WS	TR200_TP03H	35.79	30.48	33.77		34.00	0.004385	2.15	16.61	8.52	0.49

HEC-RAS Profile: Max WS (Continued)

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
streda-valle	3810.695	Max WS	TR200_TP06H	31.88	30.48	33.58		33.81	0.004555	2.12	15.03	8.25	0.50
streda-valle	3810.695	Max WS	TR030_TP01H	31.79	30.48	33.55		33.78	0.004751	2.15	14.77	8.21	0.51
streda-valle	3810.695	Max WS	TR030_TP03H	31.82	30.48	33.56		33.80	0.004651	2.14	14.90	8.23	0.51
streda-valle	3810.695	Max WS	TR030_TP06H	27.91	30.48	33.47		33.67	0.004139	1.98	14.13	8.11	0.48
streda-valle	3786.017	Max WS	TR200_TP01H	34.63	30.49	33.75		33.94	0.003244	1.89	18.28	9.39	0.43
streda-valle	3786.017	Max WS	TR200_TP03H	34.49	30.49	33.72		33.91	0.003349	1.91	18.02	9.35	0.44
streda-valle	3786.017	Max WS	TR200_TP06H	31.19	30.49	33.52		33.71	0.003724	1.94	16.10	9.03	0.46
streda-valle	3786.017	Max WS	TR030_TP01H	31.10	30.49	33.48		33.68	0.003915	1.97	15.77	8.97	0.47
streda-valle	3786.017	Max WS	TR030_TP03H	31.06	30.49	33.50		33.69	0.003790	1.95	15.95	9.00	0.47
streda-valle	3786.017	Max WS	TR030_TP06H	27.56	30.49	33.40		33.57	0.003473	1.83	15.09	8.85	0.45
streda-valle	3785.99												
streda-valle	3785.98												
streda-valle	3767.398	Max WS	TR200_TP01H	34.01	30.44	33.71		33.87	0.003024	1.80	18.90	10.05	0.42
streda-valle	3767.398	Max WS	TR200_TP03H	33.72	30.44	33.68		33.85	0.003076	1.81	18.63	9.96	0.42
streda-valle	3767.398	Max WS	TR200_TP06H	30.44	30.44	33.47		33.64	0.003374	1.84	16.57	9.36	0.44
streda-valle	3767.398	Max WS	TR030_TP01H	30.38	30.44	33.43		33.61	0.003586	1.88	16.19	9.30	0.45
streda-valle	3767.398	Max WS	TR030_TP03H	30.28	30.44	33.45		33.62	0.003433	1.85	16.40	9.34	0.44
streda-valle	3767.398	Max WS	TR030_TP06H	27.16	30.44	33.35		33.51	0.003250	1.76	15.47	9.20	0.43
streda-valle	3749.822	Max WS	TR200_TP01H	34.65	30.43	33.66		33.81	0.002671	1.71	20.23	10.80	0.40
streda-valle	3749.822	Max WS	TR200_TP03H	34.19	30.43	33.64		33.79	0.002691	1.71	19.97	10.74	0.40
streda-valle	3749.822	Max WS	TR200_TP06H	29.93	30.43	33.43		33.58	0.002797	1.68	17.85	10.32	0.41
streda-valle	3749.822	Max WS	TR030_TP01H	29.37	30.43	33.39		33.54	0.002886	1.69	17.40	10.23	0.41
streda-valle	3749.822	Max WS	TR030_TP03H	29.76	30.43	33.41		33.56	0.002849	1.69	17.65	10.28	0.41
streda-valle	3749.822	Max WS	TR030_TP06H	26.94	30.43	33.31		33.44	0.002777	1.62	16.58	10.09	0.40
streda-valle	3730.539	Max WS	TR200_TP01H	34.79	30.32	33.62		33.75	0.002243	1.63	21.36	10.74	0.37
streda-valle	3730.539	Max WS	TR200_TP03H	33.87	30.32	33.60		33.73	0.002172	1.60	21.19	10.70	0.36
streda-valle	3730.539	Max WS	TR200_TP06H	29.23	30.32	33.41		33.53	0.002103	1.53	19.16	10.22	0.36
streda-valle	3730.539	Max WS	TR030_TP01H	28.67	30.32	33.36		33.48	0.002160	1.53	18.70	10.14	0.36
streda-valle	3730.539	Max WS	TR030_TP03H	29.05	30.32	33.39		33.51	0.002137	1.53	18.96	10.19	0.36
streda-valle	3730.539	Max WS	TR030_TP06H	26.59	30.32	33.28		33.39	0.002104	1.49	17.86	9.97	0.36
streda-valle	3701.094	Max WS	TR200_TP01H	30.82	29.93	33.56		33.71	0.002637	1.70	18.09	8.88	0.38
streda-valle	3701.094	Max WS	TR200_TP03H	30.20	29.93	33.55		33.69	0.002594	1.68	17.92	8.86	0.38
streda-valle	3701.094	Max WS	TR200_TP06H	27.18	29.93	33.32		33.47	0.002848	1.70	15.96	8.44	0.40
streda-valle	3701.094	Max WS	TR030_TP01H	26.67	29.93	33.27		33.42	0.002941	1.72	15.53	8.33	0.40
streda-valle	3701.094	Max WS	TR030_TP03H	26.94	29.93	33.30		33.45	0.002876	1.71	15.80	8.40	0.40
streda-valle	3701.094	Max WS	TR030_TP06H	25.38	29.93	33.17		33.32	0.003050	1.72	14.73	8.12	0.41
streda-valle	3669.613	Max WS	TR200_TP01H	29.94	29.79	33.56		33.63	0.001267	1.17	25.62	13.68	0.27
streda-valle	3669.613	Max WS	TR200_TP03H	29.46	29.79	33.54		33.61	0.001267	1.16	25.35	13.68	0.27
streda-valle	3669.613	Max WS	TR200_TP06H	26.79	29.79	33.30		33.38	0.001524	1.21	22.11	13.11	0.30
streda-valle	3669.613	Max WS	TR030_TP01H	26.26	29.79	33.25		33.33	0.001535	1.22	21.45	12.53	0.30
streda-valle	3669.613	Max WS	TR030_TP03H	26.50	29.79	33.28		33.36	0.001507	1.21	21.85	12.80	0.30
streda-valle	3669.613	Max WS	TR030_TP06H	25.04	29.79	33.15		33.23	0.001629	1.24	20.20	12.13	0.31
streda-valle	3644.426	Max WS	TR200_TP01H	29.28	30.01	33.42		33.58	0.003020	1.73	16.92	9.12	0.41
streda-valle	3644.426	Max WS	TR200_TP03H	28.93	30.01	33.40		33.56	0.003022	1.73	16.74	9.04	0.41
streda-valle	3644.426	Max WS	TR200_TP06H	26.53	30.01	33.14		33.31	0.003616	1.83	14.48	8.25	0.44
streda-valle	3644.426	Max WS	TR030_TP01H	25.84	30.01	33.08		33.26	0.003734	1.84	14.02	8.14	0.45
streda-valle	3644.426	Max WS	TR030_TP03H	26.12	30.01	33.12		33.29	0.003601	1.82	14.33	8.21	0.44
streda-valle	3644.426	Max WS	TR030_TP06H	24.82	30.01	32.97		33.15	0.004095	1.89	13.12	7.89	0.47
streda-valle	3628.095	Max WS	TR200_TP01H	28.55	30.03	33.42		33.53	0.001824	1.41	20.21	10.50	0.33
streda-valle	3628.095	Max WS	TR200_TP03H	28.17	30.03	33.41		33.51	0.001817	1.41	20.01	10.41	0.32
streda-valle	3628.095	Max WS	TR200_TP06H	26.00	30.03	33.14		33.25	0.002173	1.50	17.36	9.47	0.35
streda-valle	3628.095	Max WS	TR030_TP01H	25.43	30.03	33.08		33.19	0.002277	1.51	16.80	9.39	0.36
streda-valle	3628.095	Max WS	TR030_TP03H	25.62	30.03	33.12		33.23	0.002171	1.49	17.18	9.44	0.35
streda-valle	3628.095	Max WS	TR030_TP06H	24.68	30.03	32.96		33.08	0.002611	1.57	15.67	9.25	0.39
streda-valle	3612.419	Max WS	TR200_TP01H	27.87	29.86	33.41		33.50	0.001644	1.34	20.78	10.88	0.31
streda-valle	3612.419	Max WS	TR200_TP03H	27.54	29.86	33.39		33.48	0.001634	1.34	20.56	10.73	0.31
streda-valle	3612.419	Max WS	TR200_TP06H	25.66	29.86	33.11		33.22	0.002084	1.45	17.72	9.99	0.35
streda-valle	3612.419	Max WS	TR030_TP01H	25.12	29.86	33.05		33.16	0.002199	1.47	17.10	9.87	0.36
streda-valle	3612.419	Max WS	TR030_TP03H	25.25	29.86	33.09		33.20	0.002078	1.44	17.53	9.95	0.35
streda-valle	3612.419	Max WS	TR030_TP06H	24.60	29.86	32.92		33.04	0.002626	1.56	15.82	9.67	0.39
streda-valle	3583.260	Max WS	TR200_TP01H	26.98	29.76	33.38		33.46	0.001256	1.22	22.07	11.10	0.27
streda-valle	3583.260	Max WS	TR200_TP03H	26.68	29.76	33.36		33.44	0.001267	1.22	21.85	11.10	0.28
streda-valle	3583.260	Max WS	TR200_TP06H	25.04	29.76	33.07		33.17	0.001683	1.34	18.73	10.19	0.31
streda-valle	3583.260	Max WS	TR030_TP01H	24.53	29.76	33.01		33.10	0.001770	1.36	18.08	10.02	0.32
streda-valle	3583.260	Max WS	TR030_TP03H	24.60	29.76	33.06		33.15	0.001662	1.33	18.55	10.12	0.31
streda-valle	3583.260	Max WS	TR030_TP06H	24.23	29.76	32.86		32.97	0.002163	1.46	16.65	9.75	0.36
streda-valle	3555.728	Max WS	TR200_TP01H	26.11	29.76	33.38		33.43	0.000969	1.01	25.87	14.87	0.24
streda-valle	3555.728	Max WS	TR200_TP03H	25.88	29.76	33.35		33.41	0.000989	1.01	25.55	14.87	0.25
streda-valle	3555.728	Max WS	TR200_TP06H	24.81	29.76	33.05		33.12	0.001503	1.17	21.21	13.76	0.30
streda-valle	3555.728	Max WS	TR030_TP01H	24.32	29.76	32.98		33.05	0.001649	1.20	20.27	13.63	0.31
streda-valle	3555.728	Max WS	TR030_TP03H	24.29	29.76	33.03		33.10	0.001488	1.16	20.97	13.73	0.30
streda-valle	3555.728	Max WS	TR030_TP06H	24.28	29.76	32.82		32.91	0.002311	1.34	18.06	13.32	0.37
streda-valle	3539.541	Max WS	TR200_TP01H	25.40	29.75	33.34		33.41	0.001181	1.19	21.32	10.14	0.26
streda-valle	3539.541	Max WS	TR200_TP03H	25.08	29.75	33.32		33.39	0.001179	1.19	21.12	10.09	0.26
streda-valle	3539.541	Max WS	TR200_TP06H	24.13	29.75	33.00		33.10	0.001639	1.34	18.05	9.39	0.31
streda-valle	3539.541	Max WS	TR030_TP01H	23.71	29.75	32.93		33.03	0.001746	1.36	17.39	9.24	0.32
streda-valle	3539.541	Max WS	TR030_TP03H	23.60	29.75	32.99		33.08	0.001602	1.32	17.90	9.36	0.30
streda-valle	3539.541	Max WS	TR030_TP06H	24.02	29.75	32.75		32.87	0.002366	1.53	15.73	9.01	0.37
streda-valle	3520.012	Max WS	TR200_TP01H	26.74	29.65	33.30		33.38	0.001306	1.24	21.55	10.24	0.27

HEC-RAS Profile: Max WS (Continued)

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
streda-valle	3520.012	Max WS	TR200_TP03H	26.36	29.65	33.28		33.36	0.001303	1.23	21.35	10.24	0.27
streda-valle	3520.012	Max WS	TR200_TP06H	24.12	29.65	32.97		33.06	0.001712	1.33	18.20	10.05	0.31
streda-valle	3520.012	Max WS	TR030_TP01H	23.79	29.65	32.90		32.99	0.001763	1.36	17.48	9.43	0.32
streda-valle	3520.012	Max WS	TR030_TP03H	23.82	29.65	32.96		33.05	0.001671	1.32	18.02	9.76	0.31
streda-valle	3520.012	Max WS	TR030_TP06H	23.82	29.65	32.71		32.83	0.002336	1.51	15.74	9.04	0.37
streda-valle	3519.99			Lat Struct									
streda-valle	3519.98			Lat Struct									
streda-valle	3494.247	Max WS	TR200_TP01H	28.45	29.42	33.28		33.34	0.000806	1.05	27.06	11.97	0.22
streda-valle	3494.247	Max WS	TR200_TP03H	28.08	29.42	33.26		33.32	0.000803	1.05	26.83	11.92	0.22
streda-valle	3494.247	Max WS	TR200_TP06H	25.09	29.42	32.96		33.02	0.000914	1.08	23.33	11.09	0.24
streda-valle	3494.247	Max WS	TR030_TP01H	24.53	29.42	32.88		32.94	0.000963	1.09	22.52	10.98	0.24
streda-valle	3494.247	Max WS	TR030_TP03H	24.74	29.42	32.94		33.00	0.000910	1.07	23.13	11.07	0.24
streda-valle	3494.247	Max WS	TR030_TP06H	23.90	29.42	32.70		32.77	0.001183	1.16	20.52	10.69	0.27
streda-valle	3471.316	Max WS	TR200_TP01H	31.10	29.43	33.25		33.31	0.000860	1.10	28.24	12.57	0.23
streda-valle	3471.316	Max WS	TR200_TP03H	30.69	29.43	33.23		33.29	0.000857	1.10	28.00	12.53	0.23
streda-valle	3471.316	Max WS	TR200_TP06H	26.20	29.43	32.93		32.99	0.000903	1.07	24.38	11.86	0.24
streda-valle	3471.316	Max WS	TR030_TP01H	25.29	29.43	32.86		32.92	0.000922	1.07	23.55	11.69	0.24
streda-valle	3471.316	Max WS	TR030_TP03H	25.73	29.43	32.91		32.97	0.000889	1.06	24.18	11.82	0.24
streda-valle	3471.316	Max WS	TR030_TP06H	24.12	29.43	32.67		32.74	0.001091	1.13	21.41	11.38	0.26
streda-valle	3438.477	Max WS	TR200_TP01H	34.21	29.41	33.12		33.24	0.002019	1.52	22.44	11.06	0.34
streda-valle	3438.477	Max WS	TR200_TP03H	33.58	29.41	33.10		33.22	0.001990	1.51	22.27	11.06	0.34
streda-valle	3438.477	Max WS	TR200_TP06H	27.03	29.41	32.83		32.93	0.001773	1.39	19.44	10.08	0.32
streda-valle	3438.477	Max WS	TR030_TP01H	26.00	29.41	32.76		32.86	0.001799	1.39	18.74	9.87	0.32
streda-valle	3438.477	Max WS	TR030_TP03H	26.85	29.41	32.81		32.91	0.001797	1.40	19.23	10.02	0.32
streda-valle	3438.477	Max WS	TR030_TP06H	23.54	29.41	32.59		32.69	0.001871	1.38	17.06	9.40	0.33
streda-valle	3425.263	Max WS	TR200_TP01H	35.26	29.64	33.05		33.19	0.002549	1.67	21.14	10.86	0.38
streda-valle	3425.263	Max WS	TR200_TP03H	34.56	29.64	33.04		33.18	0.002499	1.65	21.00	10.86	0.38
streda-valle	3425.263	Max WS	TR200_TP06H	27.88	29.64	32.77		32.90	0.002522	1.54	18.13	10.86	0.38
streda-valle	3425.263	Max WS	TR030_TP01H	26.84	29.64	32.70		32.82	0.002683	1.55	17.31	10.86	0.39
streda-valle	3425.263	Max WS	TR030_TP03H	27.79	29.64	32.75		32.87	0.002621	1.56	17.86	10.86	0.39
streda-valle	3425.263	Max WS	TR030_TP06H	23.84	29.64	32.53		32.65	0.002765	1.54	15.48	10.16	0.40
streda-valle	3406.181	Max WS	TR200_TP01H	37.81	29.40	32.94		33.11	0.003113	1.87	20.24	10.06	0.42
streda-valle	3406.181	Max WS	TR200_TP03H	37.09	29.40	32.92		33.10	0.003045	1.84	20.13	10.06	0.42
streda-valle	3406.181	Max WS	TR200_TP06H	29.82	29.40	32.68		32.82	0.002756	1.69	17.68	9.58	0.40
streda-valle	3406.181	Max WS	TR030_TP01H	28.52	29.40	32.61		32.75	0.002811	1.68	17.00	9.49	0.40
streda-valle	3406.181	Max WS	TR030_TP03H	29.64	29.40	32.65		32.80	0.002828	1.70	17.44	9.55	0.40
streda-valle	3406.181	Max WS	TR030_TP06H	24.90	29.40	32.45		32.58	0.002746	1.60	15.56	9.28	0.39
streda-valle	3385.392	Max WS	TR200_TP01H	42.30	29.44	32.69		32.97	0.005142	2.32	18.25	10.33	0.55
streda-valle	3385.392	Max WS	TR200_TP03H	41.45	29.44	32.69		32.95	0.004963	2.27	18.22	10.32	0.54
streda-valle	3385.392	Max WS	TR200_TP06H	33.06	29.44	32.50		32.71	0.004092	2.02	16.37	9.40	0.49
streda-valle	3385.392	Max WS	TR030_TP01H	31.40	29.44	32.44		32.64	0.004037	1.99	15.79	9.17	0.48
streda-valle	3385.392	Max WS	TR030_TP03H	32.75	29.44	32.47		32.68	0.004168	2.03	16.12	9.30	0.49
streda-valle	3385.392	Max WS	TR030_TP06H	27.06	29.44	32.31		32.49	0.003580	1.84	14.69	8.72	0.45
streda-valle	3371.305	Max WS	TR200_TP01H	42.03	29.30	32.73		32.87	0.002028	1.63	25.80	12.61	0.36
streda-valle	3371.305	Max WS	TR200_TP03H	41.30	29.30	32.73		32.86	0.001972	1.61	25.72	12.60	0.36
streda-valle	3371.305	Max WS	TR200_TP06H	33.12	29.30	32.52		32.63	0.001660	1.43	23.23	12.07	0.33
streda-valle	3371.305	Max WS	TR030_TP01H	31.40	29.30	32.46		32.56	0.001628	1.40	22.47	11.90	0.32
streda-valle	3371.305	Max WS	TR030_TP03H	32.75	29.30	32.50		32.60	0.001680	1.43	22.93	12.00	0.33
streda-valle	3371.305	Max WS	TR030_TP06H	27.11	29.30	32.33		32.42	0.001463	1.29	20.97	11.62	0.31
streda-valle	3350.452	Max WS	TR200_TP01H	41.41	29.30	32.60		32.80	0.003668	2.02	20.46	11.04	0.47
streda-valle	3350.452	Max WS	TR200_TP03H	40.77	29.30	32.59		32.79	0.003572	2.00	20.43	11.02	0.47
streda-valle	3350.452	Max WS	TR200_TP06H	33.10	29.30	32.41		32.57	0.003077	1.80	18.43	10.53	0.43
streda-valle	3350.452	Max WS	TR030_TP01H	31.36	29.30	32.35		32.51	0.002928	1.76	17.84	10.09	0.42
streda-valle	3350.452	Max WS	TR030_TP03H	32.67	29.30	32.38		32.55	0.003073	1.80	18.18	10.34	0.43
streda-valle	3350.452	Max WS	TR030_TP06H	27.17	29.30	32.24		32.37	0.002551	1.62	16.73	9.57	0.39
streda-valle	3334.481	Max WS	TR200_TP01H	41.47	29.24	32.56		32.74	0.003024	1.89	21.95	11.10	0.43
streda-valle	3334.481	Max WS	TR200_TP03H	40.90	29.24	32.56		32.73	0.002955	1.87	21.92	11.10	0.42
streda-valle	3334.481	Max WS	TR200_TP06H	33.24	29.24	32.38		32.52	0.002368	1.66	19.98	10.26	0.38
streda-valle	3334.481	Max WS	TR030_TP01H	31.42	29.24	32.32		32.46	0.002280	1.62	19.42	10.15	0.37
streda-valle	3334.481	Max WS	TR030_TP03H	32.74	29.24	32.35		32.50	0.002371	1.66	19.74	10.21	0.38
streda-valle	3334.481	Max WS	TR030_TP06H	27.24	29.24	32.21		32.33	0.002003	1.49	18.32	9.93	0.35
streda-valle	3301.709	Max WS	TR200_TP01H	38.99	29.22	32.45		32.65	0.003515	1.96	19.93	10.68	0.46
streda-valle	3301.709	Max WS	TR200_TP03H	38.56	29.22	32.45		32.64	0.003462	1.94	19.88	10.68	0.45
streda-valle	3301.709	Max WS	TR200_TP06H	31.95	29.22	32.27		32.43	0.003029	1.77	18.01	10.16	0.43
streda-valle	3301.709	Max WS	TR030_TP01H	30.30	29.22	32.22		32.37	0.002955	1.73	17.49	10.06	0.42
streda-valle	3301.709	Max WS	TR030_TP03H	31.45	29.22	32.25		32.41	0.003034	1.77	17.79	10.12	0.43
streda-valle	3301.709	Max WS	TR030_TP06H	26.80	29.22	32.11		32.24	0.002788	1.64	16.35	9.89	0.41
streda-valle	3259.838	Max WS	TR200_TP01H	39.58	29.18	32.40		32.51	0.001617	1.47	26.93	12.70	0.32
streda-valle	3259.838	Max WS	TR200_TP03H	39.24	29.18	32.40		32.51	0.001599	1.46	26.87	12.70	0.32
streda-valle	3259.838	Max WS	TR200_TP06H	32.51	29.18	32.22		32.31	0.001414	1.32	24.68	12.70	0.30
streda-valle	3259.838	Max WS	TR030_TP01H	30.83	29.18	32.17		32.26	0.001376	1.28	24.03	12.70	0.30
streda-valle	3259.838	Max WS	TR030_TP03H	31.96	29.18	32.20		32.29	0.001411	1.31	24.41	12.70	0.30
streda-valle	3259.838	Max WS	TR030_TP06H	27.16	29.18	32.06		32.14	0.001280	1.20	22.62	12.70	0.29
streda-valle	3258.99			Lat Struct									
streda-valle	3258.98			Lat Struct									
streda-valle	3237.931	Max WS	TR200_TP01H	39.14	29.03	32.20		32.44	0.004914	2.15	18.20	11.02	0.53
streda-valle	3237.931	Max WS	TR200_TP03H	38.85	29.03	32.20		32.43	0.004869	2.14	18.17	11.02	0.53
streda-valle	3237.931	Max WS	TR200_TP06H	32.36	29.03	32.05		32.25	0.004507	1.96	16.52	11.02	0.51

HEC-RAS Profile: Max WS (Continued)

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
streda-valle	3237.931	Max WS	TR030_TP01H	30.70	29.03	32.00		32.19	0.004459	1.92	16.01	11.02	0.51
streda-valle	3237.931	Max WS	TR030_TP03H	31.78	29.03	32.03		32.22	0.004531	1.95	16.29	11.02	0.51
streda-valle	3237.931	Max WS	TR030_TP06H	27.15	29.03	31.91		32.08	0.004087	1.82	14.94	10.50	0.49
streda-valle	3221.646	Max WS	TR200_TP01H	38.75	29.03	32.15		32.37	0.004123	2.06	18.81	10.51	0.49
streda-valle	3221.646	Max WS	TR200_TP03H	38.52	29.03	32.15		32.36	0.004097	2.05	18.77	10.51	0.49
streda-valle	3221.646	Max WS	TR200_TP06H	32.12	29.03	32.00		32.18	0.003661	1.86	17.25	10.51	0.46
streda-valle	3221.646	Max WS	TR030_TP01H	30.46	29.03	31.96		32.12	0.003577	1.81	16.79	10.51	0.46
streda-valle	3221.646	Max WS	TR030_TP03H	31.51	29.03	31.98		32.16	0.003654	1.85	17.05	10.51	0.46
streda-valle	3221.646	Max WS	TR030_TP06H	27.01	29.03	31.86		32.01	0.003115	1.71	15.84	9.82	0.43
streda-valle	3192.575	Max WS	TR200_TP01H	36.31	29.06	32.05		32.27	0.004328	2.06	17.60	9.91	0.49
streda-valle	3192.575	Max WS	TR200_TP03H	36.14	29.06	32.05		32.26	0.004321	2.06	17.55	9.91	0.49
streda-valle	3192.575	Max WS	TR200_TP06H	30.31	29.06	31.91		32.09	0.003873	1.87	16.17	9.91	0.47
streda-valle	3192.575	Max WS	TR030_TP01H	28.78	29.06	31.86		32.03	0.003786	1.83	15.74	9.91	0.46
streda-valle	3192.575	Max WS	TR030_TP03H	29.71	29.06	31.89		32.06	0.003855	1.86	15.99	9.91	0.47
streda-valle	3192.575	Max WS	TR030_TP06H	25.80	29.06	31.77		31.93	0.003644	1.74	14.82	9.91	0.45
streda-valle	3165.854	Max WS	TR200_TP01H	35.09	29.21	32.04		32.16	0.002218	1.50	23.43	14.10	0.37
streda-valle	3165.854	Max WS	TR200_TP03H	34.91	29.21	32.04		32.15	0.002214	1.49	23.37	14.10	0.37
streda-valle	3165.854	Max WS	TR200_TP06H	29.63	29.21	31.89		31.99	0.002144	1.40	21.22	14.10	0.36
streda-valle	3165.854	Max WS	TR030_TP01H	28.28	29.21	31.84		31.94	0.002159	1.38	20.54	14.10	0.36
streda-valle	3165.854	Max WS	TR030_TP03H	29.13	29.21	31.87		31.96	0.002164	1.39	20.92	14.10	0.36
streda-valle	3165.854	Max WS	TR030_TP06H	25.41	29.21	31.74		31.83	0.002161	1.33	19.17	14.10	0.36
streda-valle	3137.670	Max WS	TR200_TP01H	33.94	29.06	31.82		32.06	0.005151	2.15	15.79	9.95	0.54
streda-valle	3137.670	Max WS	TR200_TP03H	33.83	29.06	31.82		32.05	0.005160	2.15	15.75	9.95	0.55
streda-valle	3137.670	Max WS	TR200_TP06H	29.32	29.06	31.66		31.88	0.005285	2.06	14.20	9.95	0.55
streda-valle	3137.670	Max WS	TR030_TP01H	28.05	29.06	31.61		31.82	0.005390	2.05	13.70	9.95	0.56
streda-valle	3137.670	Max WS	TR030_TP03H	28.84	29.06	31.64		31.85	0.005388	2.07	13.96	9.95	0.56
streda-valle	3137.670	Max WS	TR030_TP06H	25.28	29.06	31.52		31.72	0.005357	1.97	12.82	9.95	0.56
streda-valle	3109.123	Max WS	TR200_TP01H	34.17	28.66	31.74		31.91	0.003425	1.84	18.58	10.84	0.45
streda-valle	3109.123	Max WS	TR200_TP03H	34.07	28.66	31.73		31.91	0.003432	1.84	18.53	10.84	0.45
streda-valle	3109.123	Max WS	TR200_TP06H	29.28	28.66	31.58		31.74	0.003341	1.73	16.90	10.84	0.44
streda-valle	3109.123	Max WS	TR030_TP01H	27.98	28.66	31.53		31.68	0.003075	1.71	16.39	10.03	0.43
streda-valle	3109.123	Max WS	TR030_TP03H	28.76	28.66	31.56		31.71	0.003114	1.73	16.65	10.08	0.43
streda-valle	3109.123	Max WS	TR030_TP06H	25.33	28.66	31.45		31.58	0.002922	1.63	15.52	9.83	0.41
streda-valle	3090.858	Max WS	TR200_TP01H	34.10	28.52	31.69		31.85	0.003031	1.75	19.45	11.14	0.42
streda-valle	3090.858	Max WS	TR200_TP03H	33.93	28.52	31.69		31.84	0.003016	1.75	19.42	11.14	0.42
streda-valle	3090.858	Max WS	TR200_TP06H	28.90	28.52	31.55		31.68	0.002828	1.62	17.83	11.14	0.41
streda-valle	3090.858	Max WS	TR030_TP01H	27.64	28.52	31.50		31.63	0.002845	1.60	17.28	11.14	0.41
streda-valle	3090.858	Max WS	TR030_TP03H	28.40	28.52	31.52		31.65	0.002860	1.62	17.56	11.14	0.41
streda-valle	3090.858	Max WS	TR030_TP06H	25.08	28.52	31.41		31.53	0.002593	1.53	16.35	10.48	0.39
streda-valle	3062.496	Max WS	TR200_TP01H	33.00	28.63	31.57		31.76	0.003698	1.92	17.16	9.66	0.46
streda-valle	3062.496	Max WS	TR200_TP03H	32.80	28.63	31.57		31.76	0.003649	1.91	17.17	9.66	0.46
streda-valle	3062.496	Max WS	TR200_TP06H	28.49	28.63	31.42		31.59	0.003565	1.81	15.73	9.66	0.45
streda-valle	3062.496	Max WS	TR030_TP01H	27.30	28.63	31.37		31.54	0.003596	1.79	15.24	9.66	0.46
streda-valle	3062.496	Max WS	TR030_TP03H	28.00	28.63	31.40		31.56	0.003614	1.81	15.48	9.66	0.46
streda-valle	3062.496	Max WS	TR030_TP06H	24.93	28.63	31.29		31.44	0.003519	1.73	14.44	9.66	0.45
streda-valle	3036.750	Max WS	TR200_TP01H	31.07	28.32	31.54		31.68	0.002726	1.65	18.80	10.72	0.40
streda-valle	3036.750	Max WS	TR200_TP03H	30.83	28.32	31.54		31.68	0.002671	1.64	18.83	10.72	0.39
streda-valle	3036.750	Max WS	TR200_TP06H	26.83	28.32	31.39		31.51	0.002665	1.56	17.17	10.72	0.39
streda-valle	3036.750	Max WS	TR030_TP01H	25.76	28.32	31.34		31.46	0.002681	1.55	16.60	10.53	0.39
streda-valle	3036.750	Max WS	TR030_TP03H	26.41	28.32	31.36		31.49	0.002703	1.57	16.87	10.62	0.40
streda-valle	3036.750	Max WS	TR030_TP06H	23.56	28.32	31.25		31.37	0.002570	1.50	15.72	10.22	0.39
streda-valle	3035.99				Lat Struct								
streda-valle	3035.98				Lat Struct								
streda-valle	3006.188	Max WS	TR200_TP01H	28.35	28.33	31.49		31.62	0.002579	1.59	17.83	10.18	0.38
streda-valle	3006.188	Max WS	TR200_TP03H	28.25	28.33	31.49		31.62	0.002552	1.58	17.86	10.18	0.38
streda-valle	3006.188	Max WS	TR200_TP06H	25.09	28.33	31.33		31.45	0.002572	1.55	16.20	9.66	0.38
streda-valle	3006.188	Max WS	TR030_TP01H	24.16	28.33	31.27		31.39	0.002583	1.54	15.66	9.43	0.38
streda-valle	3006.188	Max WS	TR030_TP03H	24.67	28.33	31.30		31.42	0.002591	1.55	15.92	9.54	0.38
streda-valle	3006.188	Max WS	TR030_TP06H	22.51	28.33	31.18		31.30	0.002554	1.52	14.82	9.07	0.38
streda-valle	2961.563	Max WS	TR200_TP01H	29.49	27.97	31.33		31.48	0.002985	1.72	17.13	9.45	0.41
streda-valle	2961.563	Max WS	TR200_TP03H	29.53	27.97	31.33		31.48	0.002991	1.72	17.13	9.45	0.41
streda-valle	2961.563	Max WS	TR200_TP06H	26.71	27.97	31.15		31.30	0.003176	1.73	15.44	8.95	0.42
streda-valle	2961.563	Max WS	TR030_TP01H	25.73	27.97	31.09		31.24	0.003204	1.72	14.92	8.74	0.42
streda-valle	2961.563	Max WS	TR030_TP03H	26.22	27.97	31.12		31.27	0.003194	1.73	15.18	8.84	0.42
streda-valle	2961.563	Max WS	TR030_TP06H	24.03	27.97	31.00		31.15	0.003156	1.69	14.18	8.45	0.42
streda-valle	2914.142	Max WS	TR200_TP01H	27.59	28.02	31.27		31.37	0.001827	1.33	20.69	12.40	0.33
streda-valle	2914.142	Max WS	TR200_TP03H	27.70	28.02	31.27		31.37	0.001843	1.34	20.69	12.40	0.33
streda-valle	2914.142	Max WS	TR200_TP06H	24.98	28.02	31.08		31.17	0.002188	1.37	18.27	12.39	0.36
streda-valle	2914.142	Max WS	TR030_TP01H	24.04	28.02	31.02		31.11	0.002204	1.37	17.51	11.86	0.36
streda-valle	2914.142	Max WS	TR030_TP03H	24.48	28.02	31.05		31.14	0.002192	1.37	17.89	12.13	0.36
streda-valle	2914.142	Max WS	TR030_TP06H	22.62	28.02	30.93		31.02	0.002189	1.37	16.49	11.09	0.36
streda-valle	2864.733	Max WS	TR200_TP01H	28.92	27.82	31.15		31.26	0.001986	1.47	19.65	10.56	0.34
streda-valle	2864.733	Max WS	TR200_TP03H	28.86	27.82	31.15		31.26	0.001973	1.47	19.67	10.56	0.34
streda-valle	2864.733	Max WS	TR200_TP06H	25.29	27.82	30.97		31.07	0.001991	1.42	17.75	10.14	0.34
streda-valle	2864.733	Max WS	TR030_TP01H	24.31	27.82	30.90		31.01	0.002037	1.42	17.11	10.03	0.35
streda-valle	2864.733	Max WS	TR030_TP03H	24.85	27.82	30.93		31.04	0.002029	1.43	17.41	10.08	0.35
streda-valle	2864.733	Max WS	TR030_TP06H	22.67	27.82	30.82		30.92	0.002029	1.39	16.29	9.88	0.35
streda-valle	2829.476	Max WS	TR200_TP01H	28.24	27.73	31.09		31.20	0.001773	1.41	20.01	10.45	0.33
streda-valle	2829.476	Max WS	TR200_TP03H	28.17	27.73	31.10		31.20	0.001757	1.41	20.04	10.46	0.32

HEC-RAS Profile: Max WS (Continued)

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
streda-valle	2829.476	Max WS	TR200_TP06H	24.67	27.73	30.91		31.01	0.001739	1.36	18.15	9.96	0.32
streda-valle	2829.476	Max WS	TR030_TP01H	23.83	27.73	30.84		30.94	0.001800	1.36	17.48	9.85	0.33
streda-valle	2829.476	Max WS	TR030_TP03H	24.27	27.73	30.88		30.97	0.001777	1.36	17.79	9.89	0.32
streda-valle	2829.476	Max WS	TR030_TP06H	22.44	27.73	30.76		30.85	0.001824	1.35	16.64	9.68	0.33
streda-valle	2813.260	Max WS	TR200_TP01H	28.01	27.67	31.08		31.17	0.001397	1.28	21.82	11.16	0.29
streda-valle	2813.260	Max WS	TR200_TP03H	27.93	27.67	31.09		31.17	0.001381	1.28	21.86	11.16	0.29
streda-valle	2813.260	Max WS	TR200_TP06H	24.52	27.67	30.90		30.98	0.001409	1.24	19.78	10.93	0.29
streda-valle	2813.260	Max WS	TR030_TP01H	23.68	27.67	30.83		30.91	0.001464	1.24	19.04	10.81	0.30
streda-valle	2813.260	Max WS	TR030_TP03H	24.10	27.67	30.86		30.94	0.001441	1.24	19.39	10.86	0.30
streda-valle	2813.260	Max WS	TR030_TP06H	22.44	27.67	30.74		30.82	0.001473	1.24	18.09	10.38	0.30
streda-valle	2778.285	Max WS	TR200_TP01H	28.87	27.60	31.00		31.10	0.001923	1.42	20.39	11.42	0.34
streda-valle	2778.285	Max WS	TR200_TP03H	28.80	27.60	31.00		31.10	0.001904	1.41	20.44	11.45	0.34
streda-valle	2778.285	Max WS	TR200_TP06H	24.80	27.60	30.83		30.92	0.001715	1.34	18.55	10.36	0.32
streda-valle	2778.285	Max WS	TR030_TP01H	23.71	27.60	30.76		30.85	0.001739	1.33	17.87	10.25	0.32
streda-valle	2778.285	Max WS	TR030_TP03H	24.28	27.60	30.79		30.88	0.001738	1.34	18.18	10.30	0.32
streda-valle	2778.285	Max WS	TR030_TP06H	22.15	27.60	30.68		30.76	0.001735	1.30	17.03	10.12	0.32
streda-valle	2737.219	Max WS	TR200_TP01H	30.88	27.75	30.78		30.96	0.003576	1.88	16.40	8.95	0.44
streda-valle	2737.219	Max WS	TR200_TP03H	30.64	27.75	30.79		30.97	0.003452	1.86	16.51	8.95	0.44
streda-valle	2737.219	Max WS	TR200_TP06H	25.45	27.75	30.67		30.81	0.002901	1.65	15.43	8.95	0.40
streda-valle	2737.219	Max WS	TR030_TP01H	24.40	27.75	30.60		30.74	0.003017	1.65	14.79	8.95	0.41
streda-valle	2737.219	Max WS	TR030_TP03H	25.08	27.75	30.63		30.77	0.003040	1.67	15.03	8.95	0.41
streda-valle	2737.219	Max WS	TR030_TP06H	22.30	27.75	30.54		30.67	0.002823	1.57	14.24	8.95	0.40
streda-valle	2736.99			Lat Struct									
streda-valle	2701.709	Max WS	TR200_TP01H	29.76	27.39	30.76		30.85	0.001709	1.39	21.46	11.24	0.32
streda-valle	2701.709	Max WS	TR200_TP03H	29.71	27.39	30.77		30.86	0.001670	1.38	21.60	11.24	0.32
streda-valle	2701.709	Max WS	TR200_TP06H	25.10	27.39	30.64		30.72	0.001430	1.24	20.20	11.00	0.29
streda-valle	2701.709	Max WS	TR030_TP01H	24.11	27.39	30.57		30.65	0.001472	1.24	19.39	10.83	0.30
streda-valle	2701.709	Max WS	TR030_TP03H	24.72	27.39	30.60		30.68	0.001484	1.26	19.70	10.89	0.30
streda-valle	2701.709	Max WS	TR030_TP06H	22.27	27.39	30.50		30.58	0.001387	1.19	18.70	10.69	0.29
streda-valle	2659.098	Max WS	TR200_TP01H	28.99	27.39	30.60		30.75	0.003180	1.74	16.66	9.57	0.42
streda-valle	2659.098	Max WS	TR200_TP03H	29.04	27.39	30.61		30.76	0.003117	1.73	16.79	9.57	0.42
streda-valle	2659.098	Max WS	TR200_TP06H	25.00	27.39	30.50		30.63	0.002807	1.59	15.72	9.57	0.40
streda-valle	2659.098	Max WS	TR030_TP01H	23.97	27.39	30.42		30.55	0.002933	1.60	14.97	9.40	0.41
streda-valle	2659.098	Max WS	TR030_TP03H	24.56	27.39	30.45		30.58	0.002977	1.61	15.23	9.57	0.41
streda-valle	2659.098	Max WS	TR030_TP06H	22.40	27.39	30.36		30.48	0.002689	1.55	14.44	8.87	0.39
streda-valle	2612.432	Max WS	TR200_TP01H	27.55	27.47	30.51		30.62	0.002299	1.51	18.25	10.22	0.36
streda-valle	2612.432	Max WS	TR200_TP03H	27.75	27.47	30.52		30.64	0.002282	1.51	18.39	10.22	0.36
streda-valle	2612.432	Max WS	TR200_TP06H	24.32	27.47	30.41		30.51	0.002132	1.41	17.21	10.22	0.35
streda-valle	2612.432	Max WS	TR030_TP01H	23.56	27.47	30.32		30.43	0.002348	1.44	16.31	10.22	0.37
streda-valle	2612.432	Max WS	TR030_TP03H	24.07	27.47	30.35		30.46	0.002322	1.45	16.61	10.22	0.36
streda-valle	2612.432	Max WS	TR030_TP06H	22.36	27.47	30.26		30.36	0.002380	1.43	15.69	10.22	0.37
streda-valle	2569.776	Max WS	TR200_TP01H	26.35	27.35	30.42		30.53	0.002537	1.46	18.08	12.05	0.38
streda-valle	2569.776	Max WS	TR200_TP03H	26.56	27.35	30.43		30.54	0.002503	1.46	18.25	12.05	0.38
streda-valle	2569.776	Max WS	TR200_TP06H	23.92	27.35	30.30		30.41	0.002691	1.44	16.65	12.05	0.39
streda-valle	2569.776	Max WS	TR030_TP01H	23.32	27.35	30.18		30.30	0.003382	1.53	15.21	12.05	0.44
streda-valle	2569.776	Max WS	TR030_TP03H	23.76	27.35	30.22		30.34	0.003198	1.52	15.67	12.05	0.42
streda-valle	2569.776	Max WS	TR030_TP06H	22.47	27.35	30.11		30.23	0.003809	1.57	14.29	12.05	0.46
streda-valle	2545.470	Max WS	TR200_TP01H	25.56	27.26	30.39		30.48	0.001542	1.30	19.67	10.49	0.30
streda-valle	2545.470	Max WS	TR200_TP03H	25.77	27.26	30.41		30.49	0.001532	1.30	19.82	10.49	0.30
streda-valle	2545.470	Max WS	TR200_TP06H	23.61	27.26	30.27		30.35	0.001616	1.29	18.35	10.49	0.31
streda-valle	2545.470	Max WS	TR030_TP01H	23.21	27.26	30.13		30.23	0.001948	1.37	16.98	10.38	0.34
streda-valle	2545.470	Max WS	TR030_TP03H	23.61	27.26	30.18		30.27	0.001886	1.36	17.42	10.49	0.34
streda-valle	2545.470	Max WS	TR030_TP06H	22.56	27.26	30.05		30.15	0.002121	1.40	16.14	10.24	0.36
streda-valle	2519.545	Max WS	TR200_TP01H	22.03	27.33	30.39		30.46	0.001300	1.15	19.24	10.82	0.27
streda-valle	2519.545	Max WS	TR200_TP03H	22.23	27.33	30.41		30.47	0.001293	1.15	19.39	10.82	0.27
streda-valle	2519.545	Max WS	TR200_TP06H	20.81	27.33	30.26		30.33	0.001474	1.17	17.76	10.82	0.29
streda-valle	2519.545	Max WS	TR030_TP01H	20.95	27.33	30.11		30.20	0.001970	1.29	16.20	10.82	0.34
streda-valle	2519.545	Max WS	TR030_TP03H	21.19	27.33	30.16		30.24	0.001842	1.27	16.69	10.82	0.33
streda-valle	2519.545	Max WS	TR030_TP06H	20.64	27.33	30.02		30.12	0.002069	1.35	15.29	9.86	0.35
streda-valle	2500.758	Max WS	TR200_TP01H	21.39	27.13	30.39		30.44	0.000865	0.98	21.77	11.46	0.23
streda-valle	2500.758	Max WS	TR200_TP03H	21.61	27.13	30.40		30.45	0.000863	0.99	21.93	11.46	0.23
streda-valle	2500.758	Max WS	TR200_TP06H	20.55	27.13	30.24		30.30	0.001007	1.02	20.14	11.46	0.25
streda-valle	2500.758	Max WS	TR030_TP01H	20.84	27.13	30.10		30.16	0.001320	1.13	18.44	11.17	0.28
streda-valle	2500.758	Max WS	TR030_TP03H	21.05	27.13	30.14		30.20	0.001254	1.11	18.96	11.33	0.27
streda-valle	2500.758	Max WS	TR030_TP06H	20.64	27.13	30.00		30.08	0.001496	1.18	17.43	10.84	0.30
streda-valle	2478.765	Max WS	TR200_TP01H	21.14	27.19	30.38		30.42	0.000720	0.92	22.88	11.75	0.21
streda-valle	2478.765	Max WS	TR200_TP03H	21.40	27.19	30.39		30.43	0.000722	0.93	23.04	11.75	0.21
streda-valle	2478.765	Max WS	TR200_TP06H	20.50	27.19	30.23		30.28	0.000806	0.97	21.19	11.13	0.22
streda-valle	2478.765	Max WS	TR030_TP01H	20.83	27.19	30.07		30.13	0.001047	1.07	19.50	10.83	0.25
streda-valle	2478.765	Max WS	TR030_TP03H	21.05	27.19	30.12		30.18	0.000995	1.05	20.01	10.92	0.25
streda-valle	2478.765	Max WS	TR030_TP06H	20.66	27.19	29.98		30.04	0.001193	1.12	18.47	10.65	0.27
streda-valle	2458.231	Max WS	TR200_TP01H	21.02	27.16	30.37		30.40	0.000659	0.87	24.24	13.07	0.20
streda-valle	2458.231	Max WS	TR200_TP03H	21.34	27.16	30.38		30.42	0.000665	0.87	24.41	13.07	0.20
streda-valle	2458.231	Max WS	TR200_TP06H	20.51	27.16	30.22		30.26	0.000750	0.92	22.30	12.23	0.22
streda-valle	2458.231	Max WS	TR030_TP01H	20.83	27.16	30.06		30.11	0.000982	1.02	20.40	11.79	0.25
streda-valle	2458.231	Max WS	TR030_TP03H	21.05	27.16	30.11		30.16	0.000931	1.00	20.97	11.92	0.24
streda-valle	2458.231	Max WS	TR030_TP06H	20.70	27.16	29.96		30.02	0.001147	1.08	19.24	11.64	0.27
streda-valle	2432.364	Max WS	TR200_TP01H	20.94	27.06	30.35		30.39	0.000512	0.81	25.70	12.42	0.18
streda-valle	2432.364	Max WS	TR200_TP03H	21.35	27.06	30.37		30.40	0.000525	0.83	25.85	12.47	0.18
streda-valle	2432.364	Max WS	TR200_TP06H	20.41	27.06	30.20		30.24	0.000591	0.86	23.86	12.02	0.19

HEC-RAS Profile: Max WS (Continued)

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
streda-valle	2432.364	Max WS	TR030_TP01H	20.83	27.06	30.04		30.09	0.000778	0.95	21.92	11.71	0.22
streda-valle	2432.364	Max WS	TR030_TP03H	21.05	27.06	30.09		30.13	0.000739	0.94	22.49	11.80	0.22
streda-valle	2432.364	Max WS	TR030_TP06H	20.76	27.06	29.94		29.99	0.000903	1.00	20.72	11.52	0.24
streda-valle	2407.172	Max WS	TR200_TP01H	20.81	27.06	30.33		30.37	0.000675	0.87	23.81	12.95	0.21
streda-valle	2407.172	Max WS	TR200_TP03H	21.28	27.06	30.34		30.38	0.000695	0.89	23.93	12.95	0.21
streda-valle	2407.172	Max WS	TR200_TP06H	20.43	27.06	30.18		30.22	0.000838	0.94	21.76	12.70	0.23
streda-valle	2407.172	Max WS	TR030_TP01H	20.82	27.06	30.00		30.06	0.001070	1.06	19.67	11.53	0.26
streda-valle	2407.172	Max WS	TR030_TP03H	21.05	27.06	30.05		30.11	0.001033	1.04	20.26	11.89	0.25
streda-valle	2407.172	Max WS	TR030_TP06H	20.74	27.06	29.89		29.96	0.001286	1.13	18.40	11.36	0.28
streda-valle	2378.858	Max WS	TR200_TP01H	20.33	27.04	30.33		30.36	0.000482	0.79	25.73	12.30	0.17
streda-valle	2378.858	Max WS	TR200_TP03H	20.96	27.04	30.33		30.37	0.000507	0.81	25.81	12.30	0.18
streda-valle	2378.858	Max WS	TR200_TP06H	20.46	27.04	30.16		30.19	0.000627	0.87	23.63	12.26	0.20
streda-valle	2378.858	Max WS	TR030_TP01H	20.82	27.04	29.98		30.03	0.000812	0.96	21.59	11.65	0.23
streda-valle	2378.858	Max WS	TR030_TP03H	21.05	27.04	30.04		30.08	0.000769	0.95	22.19	11.75	0.22
streda-valle	2378.858	Max WS	TR030_TP06H	20.79	27.04	29.87		29.92	0.000966	1.03	20.26	11.43	0.25
streda-valle	2376.98			Lat Struct									
streda-valle	2356.897	Max WS	TR200_TP01H	33.97	26.99	30.19		30.28	0.001499	1.33	25.53	13.47	0.31
streda-valle	2356.897	Max WS	TR200_TP03H	33.49	26.99	30.20		30.29	0.001422	1.30	25.74	13.47	0.30
streda-valle	2356.897	Max WS	TR200_TP06H	30.62	26.99	30.04		30.13	0.001470	1.30	23.59	12.84	0.31
streda-valle	2356.897	Max WS	TR030_TP01H	27.54	26.99	29.89		29.97	0.001461	1.27	21.67	12.17	0.30
streda-valle	2356.897	Max WS	TR030_TP03H	28.41	26.99	29.93		30.02	0.001446	1.28	22.25	12.26	0.30
streda-valle	2356.897	Max WS	TR030_TP06H	25.45	26.99	29.79		29.87	0.001455	1.24	20.51	11.98	0.30
streda-valle	2339.89	Max WS	TR200_TP01H	31.27	26.84	30.18		30.26	0.001358	1.29	24.19	11.89	0.29
streda-valle	2339.89	Max WS	TR200_TP03H	30.95	26.84	30.19		30.28	0.001295	1.27	24.41	11.89	0.28
streda-valle	2339.89	Max WS	TR200_TP06H	28.47	26.84	30.03		30.11	0.001410	1.27	22.43	11.89	0.30
streda-valle	2339.89	Max WS	TR030_TP01H	26.08	26.84	29.87		29.95	0.001540	1.27	20.54	11.89	0.31
streda-valle	2339.89	Max WS	TR030_TP03H	26.78	26.84	29.92		30.00	0.001493	1.27	21.12	11.89	0.30
streda-valle	2339.89	Max WS	TR030_TP06H	24.35	26.84	29.77		29.85	0.001610	1.26	19.33	11.89	0.32
streda-valle	2338.00	Max WS	TR200_TP01H	30.70	26.83	29.99		30.22	0.002029	2.11	14.58	12.72	0.40
streda-valle	2338.00	Max WS	TR200_TP03H	30.85	26.83	30.01		30.24	0.001993	2.10	14.70	12.72	0.40
streda-valle	2338.00	Max WS	TR200_TP06H	28.49	26.83	29.86		30.07	0.002048	2.05	13.90	12.72	0.40
streda-valle	2338.00	Max WS	TR030_TP01H	26.08	26.83	29.72		29.92	0.002063	1.98	13.16	12.72	0.40
streda-valle	2338.00	Max WS	TR030_TP03H	26.79	26.83	29.76		29.97	0.002052	2.00	13.39	12.72	0.40
streda-valle	2338.00	Max WS	TR030_TP06H	24.36	26.83	29.63		29.82	0.002023	1.92	12.70	12.62	0.39
streda-valle	2335			Culvert									
streda-valle	2323.818	Max WS	TR200_TP01H	30.70	26.71	29.79		30.05	0.002723	2.26	13.58	12.16	0.45
streda-valle	2323.818	Max WS	TR200_TP03H	30.66	26.71	29.81		30.07	0.002621	2.23	13.72	12.16	0.44
streda-valle	2323.818	Max WS	TR200_TP06H	28.42	26.71	29.68		29.92	0.002694	2.19	13.00	11.07	0.44
streda-valle	2323.818	Max WS	TR030_TP01H	26.02	26.71	29.55		29.78	0.002665	2.10	12.37	10.76	0.44
streda-valle	2323.818	Max WS	TR030_TP03H	26.74	26.71	29.59		29.82	0.002664	2.13	12.58	10.86	0.44
streda-valle	2323.818	Max WS	TR030_TP06H	24.35	26.71	29.48		29.69	0.002582	2.03	12.01	10.59	0.43
streda-valle	2322.99			Lat Struct									
streda-valle	2322.98			Lat Struct									
streda-valle	2312.489	Max WS	TR200_TP01H	30.73	26.74	29.84		29.97	0.002523	1.60	19.18	10.97	0.39
streda-valle	2312.489	Max WS	TR200_TP03H	30.70	26.74	29.87		30.00	0.002395	1.57	19.50	10.97	0.38
streda-valle	2312.489	Max WS	TR200_TP06H	28.47	26.74	29.72		29.85	0.002673	1.59	17.87	10.97	0.40
streda-valle	2312.489	Max WS	TR030_TP01H	26.02	26.74	29.59		29.72	0.002823	1.58	16.44	10.76	0.41
streda-valle	2312.489	Max WS	TR030_TP03H	26.73	26.74	29.63		29.76	0.002778	1.58	16.90	10.92	0.41
streda-valle	2312.489	Max WS	TR030_TP06H	24.33	26.74	29.51		29.64	0.002815	1.56	15.61	10.46	0.41
streda-valle	2301.483	Max WS	TR200_TP01H	30.10	26.66	29.85		29.94	0.001867	1.36	22.14	13.27	0.34
streda-valle	2301.483	Max WS	TR200_TP03H	30.04	26.66	29.88		29.97	0.001759	1.33	22.54	13.27	0.33
streda-valle	2301.483	Max WS	TR200_TP06H	27.85	26.66	29.73		29.82	0.002014	1.36	20.53	13.27	0.35
streda-valle	2301.483	Max WS	TR030_TP01H	25.51	26.66	29.59		29.69	0.002145	1.36	18.77	12.78	0.36
streda-valle	2301.483	Max WS	TR030_TP03H	26.19	26.66	29.64		29.73	0.002089	1.35	19.34	12.94	0.35
streda-valle	2301.483	Max WS	TR030_TP06H	23.88	26.66	29.51		29.60	0.002174	1.34	17.77	12.45	0.36
streda-valle	2291.164	Max WS	TR200_TP01H	29.65	26.67	29.81		29.92	0.002067	1.46	20.26	11.60	0.35
streda-valle	2291.164	Max WS	TR200_TP03H	29.67	26.67	29.84		29.95	0.001957	1.44	20.64	11.60	0.34
streda-valle	2291.164	Max WS	TR200_TP06H	27.56	26.67	29.69		29.80	0.002223	1.46	18.84	11.60	0.37
streda-valle	2291.164	Max WS	TR030_TP01H	25.28	26.67	29.55		29.66	0.002260	1.46	17.33	10.90	0.37
streda-valle	2291.164	Max WS	TR030_TP03H	25.95	26.67	29.60		29.71	0.002210	1.46	17.81	11.01	0.37
streda-valle	2291.164	Max WS	TR030_TP06H	23.71	26.67	29.48		29.58	0.002281	1.44	16.47	10.70	0.37
streda-valle	2272.168	Max WS	TR200_TP01H	29.40	26.66	29.78		29.88	0.001947	1.45	20.49	12.25	0.35
streda-valle	2272.168	Max WS	TR200_TP03H	29.42	26.66	29.81		29.91	0.001829	1.42	20.93	12.25	0.34
streda-valle	2272.168	Max WS	TR200_TP06H	27.40	26.66	29.65		29.76	0.002152	1.46	18.94	12.25	0.37
streda-valle	2272.168	Max WS	TR030_TP01H	25.19	26.66	29.51		29.62	0.002274	1.47	17.26	11.64	0.37
streda-valle	2272.168	Max WS	TR030_TP03H	25.83	26.66	29.56		29.67	0.002310	1.46	17.81	12.25	0.38
streda-valle	2272.168	Max WS	TR030_TP06H	23.66	26.66	29.43		29.54	0.002238	1.45	16.36	11.10	0.37
streda-valle	2259.569	Max WS	TR200_TP01H	28.84	26.64	29.77		29.86	0.001794	1.34	21.56	12.98	0.33
streda-valle	2259.569	Max WS	TR200_TP03H	28.81	26.64	29.80		29.89	0.001673	1.31	22.04	12.98	0.32
streda-valle	2259.569	Max WS	TR200_TP06H	26.88	26.64	29.64		29.73	0.001998	1.35	19.87	12.98	0.35
streda-valle	2259.569	Max WS	TR030_TP01H	24.78	26.64	29.50		29.59	0.002267	1.37	18.04	12.88	0.37
streda-valle	2259.569	Max WS	TR030_TP03H	25.40	26.64	29.54		29.64	0.002172	1.36	18.64	12.98	0.36
streda-valle	2259.569	Max WS	TR030_TP06H	23.33	26.64	29.41		29.51	0.002310	1.37	17.00	12.34	0.37
streda-valle	2247.259	Max WS	TR200_TP01H	29.05	26.59	29.76		29.83	0.001118	1.23	24.13	12.86	0.28
streda-valle	2247.259	Max WS	TR200_TP03H	28.97	26.59	29.80		29.87	0.001043	1.20	24.62	12.86	0.27
streda-valle	2247.259	Max WS	TR200_TP06H	27.00	26.59	29.63		29.70	0.001215	1.22	22.47	12.86	0.29
streda-valle	2247.259	Max WS	TR030_TP01H	24.83	26.59	29.49		29.56	0.001345	1.22	20.66	12.86	0.30
streda-valle	2247.259	Max WS	TR030_TP03H	25.48	26.59	29.53		29.61	0.001294	1.22	21.24	12.86	0.30

HEC-RAS Profile: Max WS (Continued)

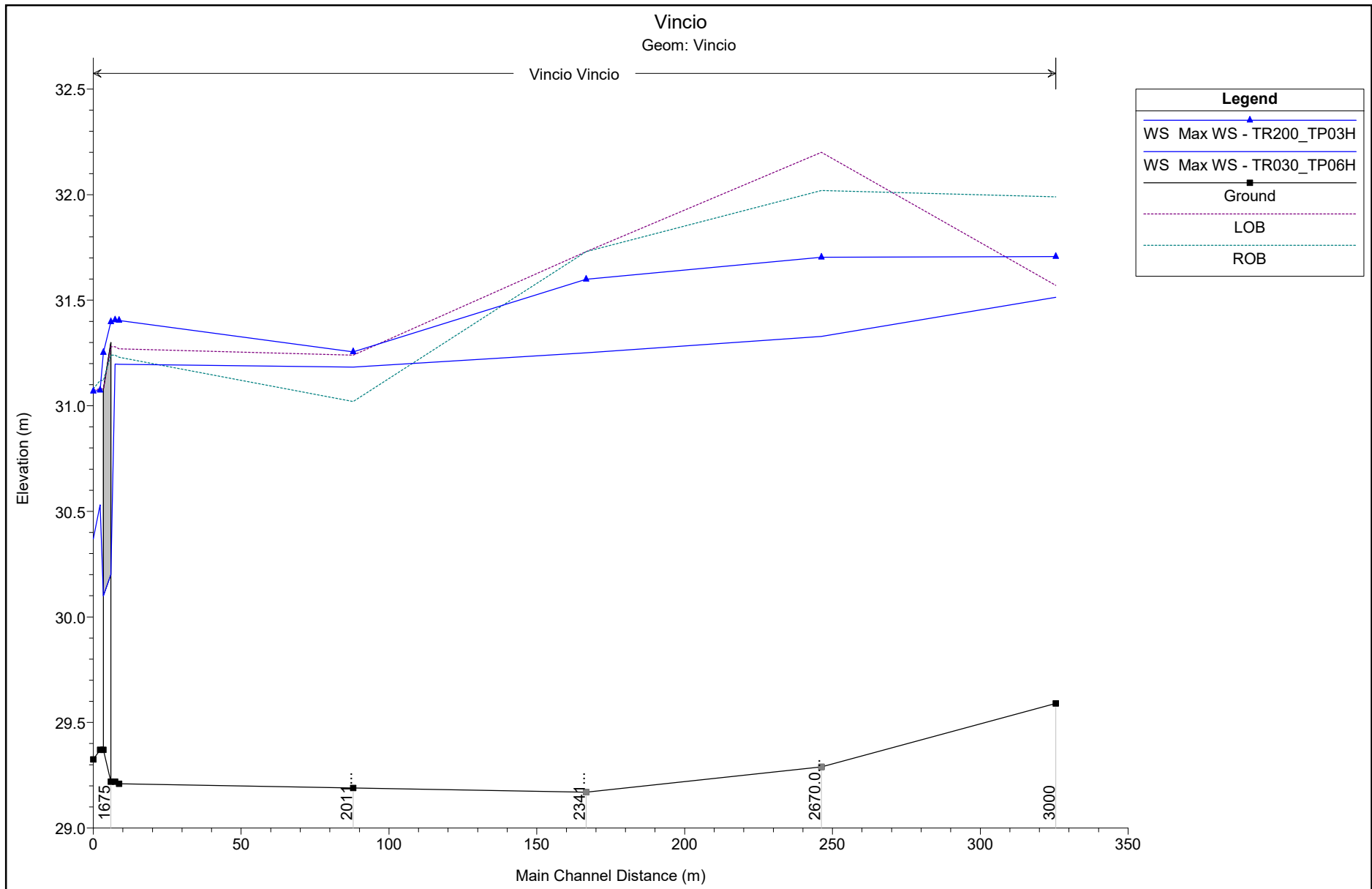
Reach	River Sta	Profile	Plan	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
streda-valle	2247.259	Max WS	TR030_TP06H	23.25	26.59	29.41		29.48	0.001391	1.20	19.62	12.86	0.30
streda-valle	2238.150	Max WS	TR200_TP01H	29.30	26.61	29.73		29.82	0.001584	1.35	21.68	11.31	0.31
streda-valle	2238.150	Max WS	TR200_TP03H	29.18	26.61	29.77		29.85	0.001476	1.32	22.14	11.31	0.30
streda-valle	2238.150	Max WS	TR200_TP06H	27.18	26.61	29.60		29.69	0.001678	1.34	20.21	11.31	0.32
streda-valle	2238.150	Max WS	TR030_TP01H	24.94	26.61	29.45		29.55	0.001807	1.34	18.61	11.31	0.33
streda-valle	2238.150	Max WS	TR030_TP03H	25.62	26.61	29.50		29.59	0.001755	1.34	19.13	11.31	0.33
streda-valle	2238.150	Max WS	TR030_TP06H	23.24	26.61	29.38		29.46	0.001816	1.31	17.73	11.31	0.33
streda-valle	2229.882	Max WS	TR200_TP01H	29.53	26.55	29.69		29.80	0.001870	1.44	20.50	10.88	0.34
streda-valle	2229.882	Max WS	TR200_TP03H	29.55	26.55	29.74		29.84	0.001753	1.41	20.96	10.88	0.32
streda-valle	2229.882	Max WS	TR200_TP06H	27.50	26.55	29.56		29.67	0.002004	1.44	19.09	10.88	0.35
streda-valle	2229.882	Max WS	TR030_TP01H	25.14	26.55	29.42		29.53	0.002151	1.43	17.55	10.88	0.36
streda-valle	2229.882	Max WS	TR030_TP03H	25.85	26.55	29.47		29.57	0.002092	1.43	18.05	10.88	0.36
streda-valle	2229.882	Max WS	TR030_TP06H	23.33	26.55	29.35		29.45	0.002139	1.39	16.73	10.88	0.36
streda-valle	2215.028	Max WS	TR200_TP01H	30.16	26.40	29.68		29.76	0.001480	1.30	23.11	12.36	0.30
streda-valle	2215.028	Max WS	TR200_TP03H	30.16	26.40	29.72		29.80	0.001381	1.27	23.66	12.36	0.29
streda-valle	2215.028	Max WS	TR200_TP06H	27.96	26.40	29.55		29.63	0.001580	1.30	21.50	12.36	0.31
streda-valle	2215.028	Max WS	TR030_TP01H	25.39	26.40	29.41		29.49	0.001684	1.29	19.75	12.36	0.32
streda-valle	2215.028	Max WS	TR030_TP03H	26.20	26.40	29.45		29.54	0.001645	1.29	20.32	12.36	0.32
streda-valle	2215.028	Max WS	TR030_TP06H	23.41	26.40	29.33		29.41	0.001649	1.24	18.85	12.35	0.32
streda-valle	2201.782	Max WS	TR200_TP01H	29.79	26.46	29.66		29.75	0.001368	1.27	23.42	12.59	0.30
streda-valle	2201.782	Max WS	TR200_TP03H	29.72	26.46	29.71		29.79	0.001262	1.24	23.99	12.59	0.29
streda-valle	2201.782	Max WS	TR200_TP06H	27.56	26.46	29.53		29.61	0.001477	1.27	21.76	12.59	0.31
streda-valle	2201.782	Max WS	TR030_TP01H	25.02	26.46	29.39		29.47	0.001601	1.25	19.96	12.59	0.32
streda-valle	2201.782	Max WS	TR030_TP03H	25.82	26.46	29.44		29.52	0.001554	1.26	20.55	12.59	0.31
streda-valle	2201.782	Max WS	TR030_TP06H	23.05	26.46	29.32		29.39	0.001577	1.21	19.05	12.59	0.31
streda-valle	2189.098	Max WS	TR200_TP01H	29.64	26.50	29.59		29.71	0.002490	1.59	18.67	10.71	0.38
streda-valle	2189.098	Max WS	TR200_TP03H	29.82	26.50	29.64		29.76	0.002316	1.55	19.21	10.71	0.37
streda-valle	2189.098	Max WS	TR200_TP06H	27.68	26.50	29.45		29.58	0.002765	1.61	17.22	10.71	0.40
streda-valle	2189.098	Max WS	TR030_TP01H	24.93	26.50	29.30		29.43	0.002980	1.59	15.67	10.71	0.42
streda-valle	2189.098	Max WS	TR030_TP03H	25.78	26.50	29.35		29.48	0.002895	1.59	16.17	10.71	0.41
streda-valle	2189.098	Max WS	TR030_TP06H	23.04	26.50	29.24		29.36	0.002941	1.54	14.94	10.71	0.42
streda-valle	2163.011	Max WS	TR200_TP01H	28.26	26.49	29.54		29.65	0.002098	1.53	18.58	10.28	0.36
streda-valle	2163.011	Max WS	TR200_TP03H	28.82	26.49	29.59		29.71	0.001992	1.51	19.14	10.28	0.35
streda-valle	2163.011	Max WS	TR200_TP06H	26.74	26.49	29.39		29.52	0.002420	1.57	17.12	10.28	0.38
streda-valle	2163.011	Max WS	TR030_TP01H	23.97	26.49	29.24		29.37	0.002604	1.54	15.58	10.28	0.40
streda-valle	2163.011	Max WS	TR030_TP03H	24.83	26.49	29.29		29.42	0.002526	1.54	16.09	10.28	0.39
streda-valle	2163.011	Max WS	TR030_TP06H	22.30	26.49	29.18		29.29	0.002606	1.50	14.87	10.28	0.39
streda-valle	2137.980	Max WS	TR200_TP01H	26.77	26.37	29.51		29.61	0.001933	1.40	19.16	10.63	0.33
streda-valle	2137.980	Max WS	TR200_TP03H	27.30	26.37	29.57		29.66	0.001834	1.38	19.76	10.63	0.32
streda-valle	2137.980	Max WS	TR200_TP06H	25.37	26.37	29.36		29.47	0.002252	1.44	17.56	10.63	0.36
streda-valle	2137.980	Max WS	TR030_TP01H	22.87	26.37	29.20		29.31	0.002303	1.43	15.94	9.94	0.36
streda-valle	2137.980	Max WS	TR030_TP03H	23.63	26.37	29.25		29.36	0.002260	1.43	16.47	10.10	0.36
streda-valle	2137.980	Max WS	TR030_TP06H	21.50	26.37	29.13		29.23	0.002321	1.41	15.23	9.85	0.36
streda-valle	2136.99			Lat Struct									
streda-valle	2136.98			Lat Struct									
streda-valle	2122.695	Max WS	TR200_TP01H	24.71	26.43	29.51		29.59	0.001622	1.30	19.06	10.49	0.31
streda-valle	2122.695	Max WS	TR200_TP03H	25.25	26.43	29.56		29.65	0.001547	1.28	19.65	10.49	0.30
streda-valle	2122.695	Max WS	TR200_TP06H	23.46	26.43	29.35		29.45	0.001882	1.34	17.44	10.37	0.33
streda-valle	2122.695	Max WS	TR030_TP01H	21.26	26.43	29.19		29.28	0.002003	1.34	15.81	9.94	0.34
streda-valle	2122.695	Max WS	TR030_TP03H	21.91	26.43	29.25		29.34	0.001935	1.34	16.36	10.04	0.33
streda-valle	2122.695	Max WS	TR030_TP06H	20.12	26.43	29.12		29.21	0.002055	1.34	15.06	9.80	0.34
streda-valle	2103.142	Max WS	TR200_TP01H	22.56	26.19	29.50		29.57	0.001566	1.25	18.08	9.88	0.29
streda-valle	2103.142	Max WS	TR200_TP03H	23.05	26.19	29.55		29.63	0.001492	1.24	18.66	9.88	0.29
streda-valle	2103.142	Max WS	TR200_TP06H	21.45	26.19	29.34		29.42	0.001854	1.30	16.52	9.88	0.32
streda-valle	2103.142	Max WS	TR030_TP01H	19.62	26.19	29.17		29.26	0.002136	1.32	14.84	9.88	0.34
streda-valle	2103.142	Max WS	TR030_TP03H	20.12	26.19	29.23		29.31	0.002001	1.30	15.42	9.88	0.33
streda-valle	2103.142	Max WS	TR030_TP06H	18.83	26.19	29.08		29.18	0.002277	1.34	14.03	9.63	0.36
streda-valle	2086.189	Max WS	TR200_TP01H	21.43	26.46	29.44		29.55	0.002315	1.41	15.16	9.18	0.35
streda-valle	2086.189	Max WS	TR200_TP03H	22.02	26.46	29.51		29.61	0.002195	1.40	15.72	9.18	0.34
streda-valle	2086.189	Max WS	TR200_TP06H	20.33	26.46	29.27		29.39	0.002900	1.50	13.57	9.18	0.39
streda-valle	2086.189	Max WS	TR030_TP01H	18.71	26.46	29.08		29.21	0.003587	1.58	11.84	8.90	0.44
streda-valle	2086.189	Max WS	TR030_TP03H	19.20	26.46	29.15		29.27	0.003340	1.54	12.46	9.18	0.42
streda-valle	2086.189	Max WS	TR030_TP06H	18.23	26.46	28.98		29.12	0.004028	1.66	10.99	8.38	0.46
streda-valle	2077.404	Max WS	TR200_TP01H	21.22	26.38	29.44		29.52	0.001695	1.26	16.78	9.46	0.30
streda-valle	2077.404	Max WS	TR200_TP03H	21.83	26.38	29.50		29.58	0.001623	1.26	17.36	9.46	0.30
streda-valle	2077.404	Max WS	TR200_TP06H	20.19	26.38	29.27		29.36	0.002076	1.33	15.15	9.46	0.34
streda-valle	2077.404	Max WS	TR030_TP01H	18.31	26.38	29.08		29.18	0.002297	1.37	13.40	8.82	0.35
streda-valle	2077.404	Max WS	TR030_TP03H	18.82	26.38	29.15		29.24	0.002272	1.34	14.02	9.46	0.35
streda-valle	2077.404	Max WS	TR030_TP06H	17.83	26.38	28.99		29.09	0.002578	1.42	12.56	8.54	0.37
streda-valle	2059.125	Max WS	TR200_TP01H	20.68	26.13	29.44		29.49	0.001103	1.06	19.58	10.84	0.25
streda-valle	2059.125	Max WS	TR200_TP03H	21.50	26.13	29.50		29.55	0.001082	1.06	20.22	10.84	0.25
streda-valle	2059.125	Max WS	TR200_TP06H	19.04	26.13	29.27		29.33	0.001255	1.07	17.74	10.84	0.27
streda-valle	2059.125	Max WS	TR030_TP01H	17.47	26.13	29.08		29.14	0.001423	1.11	15.75	10.10	0.28
streda-valle	2059.125	Max WS	TR030_TP03H	17.92	26.13	29.15		29.21	0.001356	1.09	16.45	10.46	0.28
streda-valle	2059.125	Max WS	TR030_TP06H	17.05	26.13	28.98		29.05	0.001589	1.15	14.77	9.72	0.30
streda-valle	2035.302	Max WS	TR200_TP01H	20.01	25.93	29.44		29.47	0.000422	0.76	26.16	10.90	0.16
streda-valle	2035.302	Max WS	TR200_TP03H	20.75	25.93	29.50		29.53	0.000423	0.77	26.81	10.90	0.16
streda-valle	2035.302	Max WS	TR200_TP06H	18.64	25.93	29.27		29.30	0.000454	0.77	24.30	10.90	0.16
streda-valle	2035.302	Max WS	TR030_TP01H	17.30	25.93	29.08		29.11	0.000508	0.78	22.22	10.90	0.17

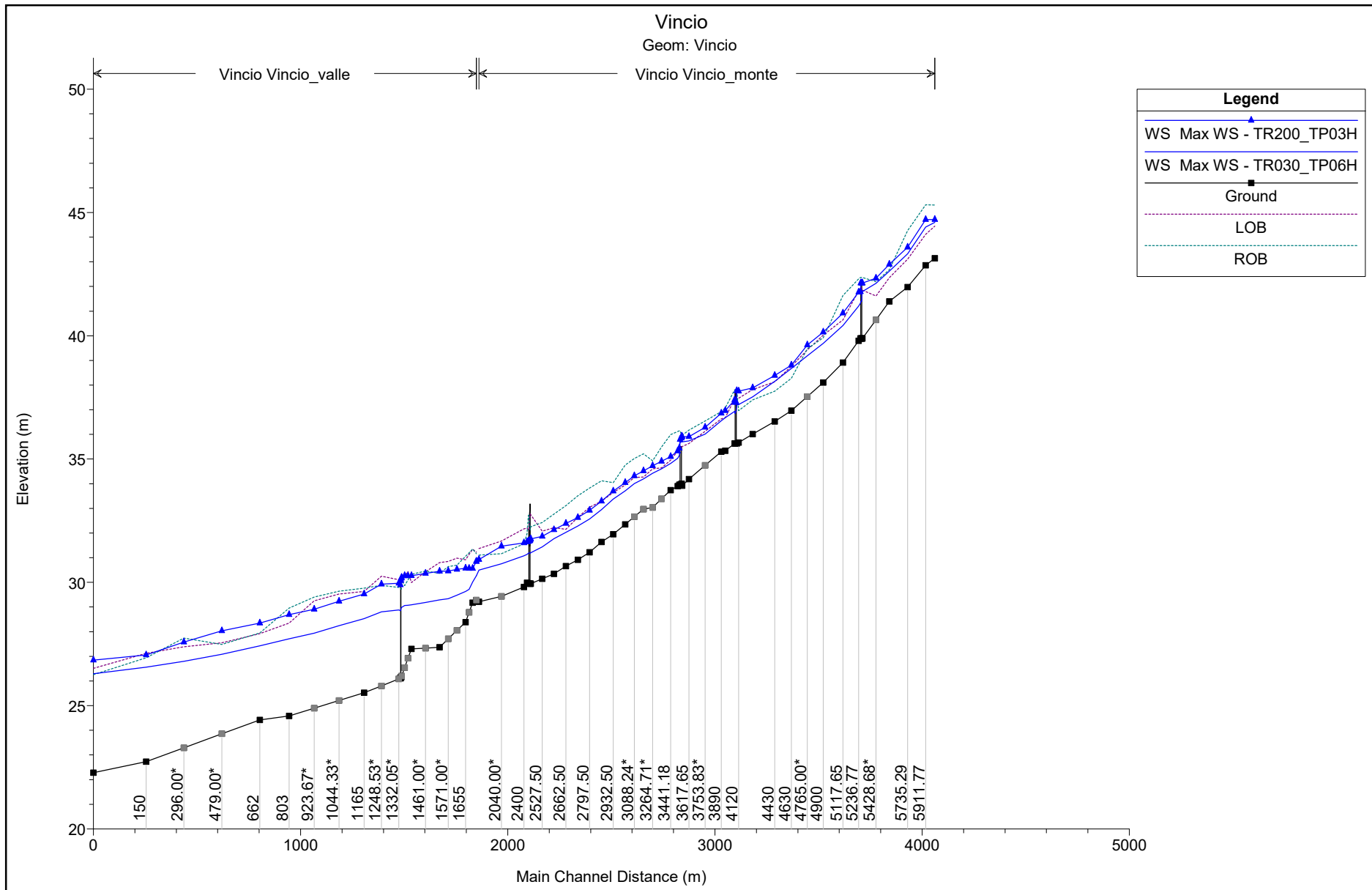
HEC-RAS Profile: Max WS (Continued)

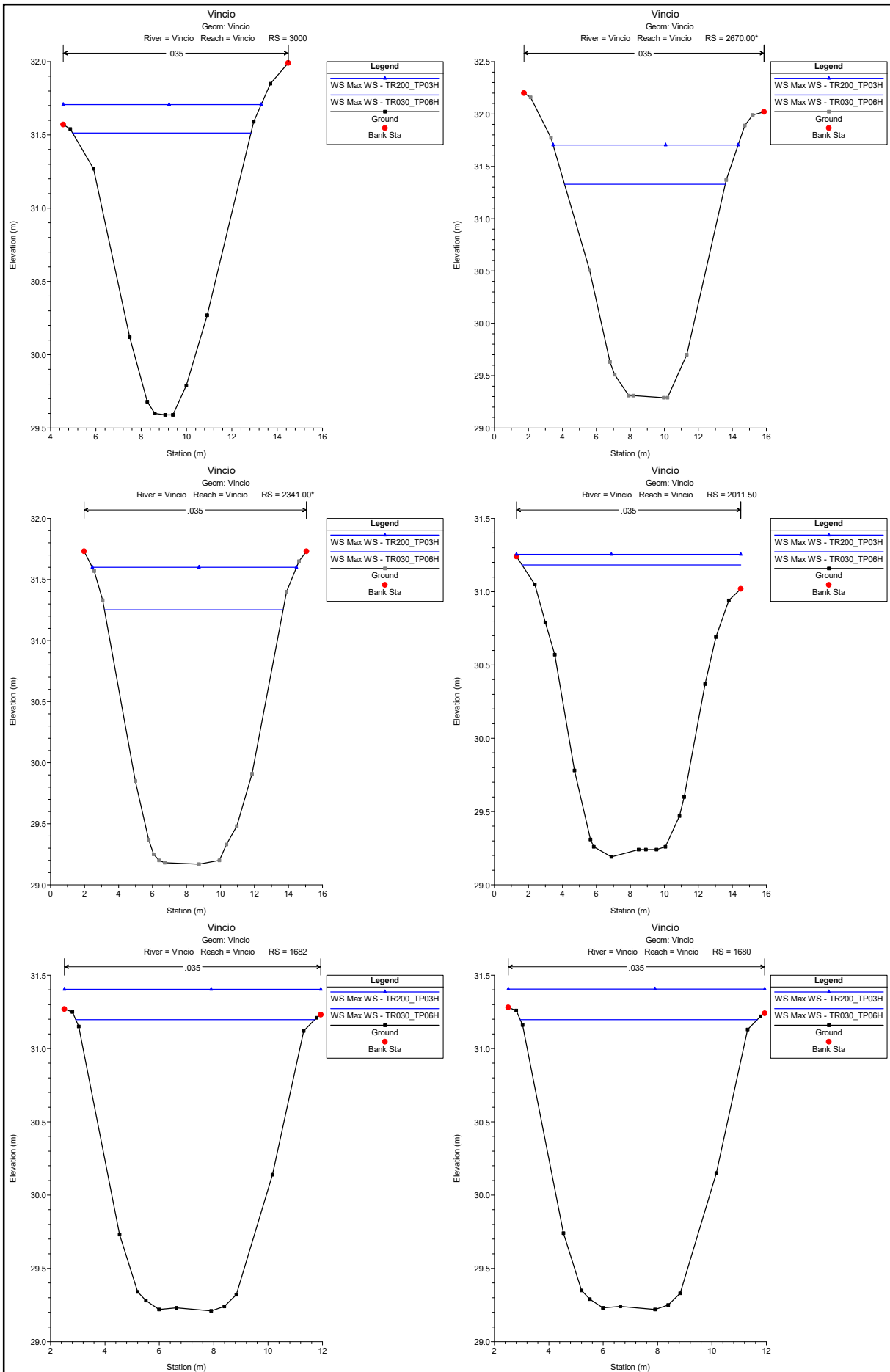
Reach	River Sta	Profile	Plan	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
streda-valle	2035.302	Max WS	TR030_TP03H	17.65	25.93	29.15		29.18	0.000480	0.77	22.97	10.90	0.17
streda-valle	2035.302	Max WS	TR030_TP06H	16.91	25.93	28.98		29.01	0.000563	0.80	21.13	10.90	0.18
streda-valle	2020.848	Max WS	TR200_TP01H	20.18	26.02	29.42		29.46	0.000597	0.86	23.55	10.72	0.18
streda-valle	2020.848	Max WS	TR200_TP03H	20.88	26.02	29.48		29.52	0.000591	0.86	24.19	10.72	0.18
streda-valle	2020.848	Max WS	TR200_TP06H	18.67	26.02	29.25		29.29	0.000650	0.86	21.71	10.72	0.19
streda-valle	2020.848	Max WS	TR030_TP01H	17.41	26.02	29.06		29.10	0.000761	0.89	19.63	10.72	0.21
streda-valle	2020.848	Max WS	TR030_TP03H	17.78	26.02	29.13		29.17	0.000710	0.87	20.38	10.72	0.20
streda-valle	2020.848	Max WS	TR030_TP06H	16.97	26.02	28.96		29.00	0.000856	0.92	18.54	10.72	0.22
streda-valle	2006.191	Max WS	TR200_TP01H	20.20	25.94	29.42		29.45	0.000545	0.82	24.49	10.95	0.18
streda-valle	2006.191	Max WS	TR200_TP03H	20.94	25.94	29.48		29.51	0.000543	0.83	25.14	10.95	0.18
streda-valle	2006.191	Max WS	TR200_TP06H	18.66	25.94	29.25		29.28	0.000589	0.83	22.60	10.95	0.18
streda-valle	2006.191	Max WS	TR030_TP01H	17.34	25.94	29.05		29.09	0.000682	0.85	20.47	10.95	0.20
streda-valle	2006.191	Max WS	TR030_TP03H	17.74	25.94	29.12		29.16	0.000640	0.84	21.24	10.95	0.19
streda-valle	2006.191	Max WS	TR030_TP06H	16.79	25.94	28.95		28.99	0.000756	0.87	19.35	10.95	0.21
streda-valle	1978.637	Max WS	TR200_TP01H	20.40	26.00	29.40		29.44	0.000520	0.80	25.35	11.98	0.18
streda-valle	1978.637	Max WS	TR200_TP03H	21.15	26.00	29.46		29.50	0.000515	0.81	26.06	11.98	0.18
streda-valle	1978.637	Max WS	TR200_TP06H	18.98	26.00	29.23		29.26	0.000582	0.82	23.25	11.98	0.19
streda-valle	1978.637	Max WS	TR030_TP01H	17.65	26.00	29.03		29.07	0.000695	0.85	20.87	11.98	0.20
streda-valle	1978.637	Max WS	TR030_TP03H	18.10	26.00	29.10		29.14	0.000648	0.83	21.73	11.98	0.20
streda-valle	1978.637	Max WS	TR030_TP06H	16.96	26.00	28.93		28.97	0.000771	0.86	19.64	11.98	0.22
streda-valle	1969.210	Max WS	TR200_TP01H	19.94	25.90	29.40		29.44	0.000494	0.80	24.90	11.11	0.17
streda-valle	1969.210	Max WS	TR200_TP03H	20.74	25.90	29.46		29.49	0.000497	0.81	25.54	11.11	0.17
streda-valle	1969.210	Max WS	TR200_TP06H	18.48	25.90	29.23		29.26	0.000540	0.81	22.94	11.11	0.18
streda-valle	1969.210	Max WS	TR030_TP01H	17.12	25.90	29.03		29.06	0.000624	0.83	20.73	11.11	0.19
streda-valle	1969.210	Max WS	TR030_TP03H	17.59	25.90	29.10		29.13	0.000590	0.82	21.53	11.11	0.19
streda-valle	1969.210	Max WS	TR030_TP06H	16.36	25.90	28.93		28.96	0.000671	0.83	19.59	11.04	0.20
streda-valle	1951.054	Max WS	TR200_TP01H	19.64	26.03	29.39		29.43	0.000597	0.84	23.40	11.26	0.19
streda-valle	1951.054	Max WS	TR200_TP03H	20.24	26.03	29.45		29.49	0.000585	0.84	24.04	11.26	0.18
streda-valle	1951.054	Max WS	TR200_TP06H	17.81	26.03	29.22		29.25	0.000638	0.83	21.42	11.26	0.19
streda-valle	1951.054	Max WS	TR030_TP01H	16.30	26.03	29.02		29.05	0.000744	0.85	19.17	11.26	0.21
streda-valle	1951.054	Max WS	TR030_TP03H	16.80	26.03	29.09		29.12	0.000698	0.84	19.98	11.26	0.20
streda-valle	1951.054	Max WS	TR030_TP06H	15.57	26.03	28.91		28.95	0.000822	0.87	17.99	11.26	0.22
streda-valle	1933.472	Max WS	TR200_TP01H	20.09	25.85	29.38		29.41	0.000459	0.78	25.62	11.04	0.16
streda-valle	1933.472	Max WS	TR200_TP03H	20.86	25.85	29.44		29.47	0.000460	0.79	26.26	11.04	0.16
streda-valle	1933.472	Max WS	TR200_TP06H	18.17	25.85	29.21		29.24	0.000471	0.77	23.69	11.04	0.17
streda-valle	1933.472	Max WS	TR030_TP01H	16.39	25.85	29.01		29.04	0.000510	0.76	21.51	11.04	0.17
streda-valle	1933.472	Max WS	TR030_TP03H	17.00	25.85	29.08		29.11	0.000493	0.76	22.29	11.04	0.17
streda-valle	1933.472	Max WS	TR030_TP06H	15.50	25.85	28.91		28.94	0.000536	0.76	20.36	11.04	0.18
streda-valle	1932.99		Lat Struct										
streda-valle	1932.98		Lat Struct										
streda-valle	1923.412	Max WS	TR200_TP01H	19.48	25.91	29.37		29.41	0.000570	0.84	23.30	10.30	0.18
streda-valle	1923.412	Max WS	TR200_TP03H	20.28	25.91	29.43		29.47	0.000573	0.85	23.91	10.30	0.18
streda-valle	1923.412	Max WS	TR200_TP06H	17.52	25.91	29.20		29.24	0.000581	0.81	21.52	10.30	0.18
streda-valle	1923.412	Max WS	TR030_TP01H	15.78	25.91	29.00		29.04	0.000632	0.81	19.48	10.30	0.19
streda-valle	1923.412	Max WS	TR030_TP03H	16.37	25.91	29.07		29.11	0.000609	0.81	20.22	10.30	0.18
streda-valle	1923.412	Max WS	TR030_TP06H	14.86	25.91	28.90		28.93	0.000663	0.81	18.41	10.30	0.19
streda-valle	1904.405	Max WS	TR200_TP01H	21.10	25.76	29.34		29.39	0.000756	0.95	22.32	10.62	0.21
streda-valle	1904.405	Max WS	TR200_TP03H	21.91	25.76	29.40		29.45	0.000751	0.95	22.96	10.62	0.21
streda-valle	1904.405	Max WS	TR200_TP06H	18.90	25.76	29.17		29.22	0.000762	0.92	20.51	10.34	0.21
streda-valle	1904.405	Max WS	TR030_TP01H	16.80	25.76	28.98		29.02	0.000794	0.91	18.52	9.95	0.21
streda-valle	1904.405	Max WS	TR030_TP03H	17.56	25.76	29.05		29.09	0.000783	0.91	19.23	10.10	0.21
streda-valle	1904.405	Max WS	TR030_TP06H	15.70	25.76	28.87		28.91	0.000807	0.90	17.50	9.75	0.21
streda-valle	1885.772	Max WS	TR200_TP01H	22.95	25.96	29.34		29.37	0.000441	0.76	30.20	13.96	0.16
streda-valle	1885.772	Max WS	TR200_TP03H	23.82	25.96	29.40		29.43	0.000437	0.77	31.05	13.96	0.16
streda-valle	1885.772	Max WS	TR200_TP06H	20.58	25.96	29.17		29.19	0.000454	0.74	27.81	13.96	0.17
streda-valle	1885.772	Max WS	TR030_TP01H	18.27	25.96	28.97		29.00	0.000492	0.73	25.06	13.96	0.17
streda-valle	1885.772	Max WS	TR030_TP03H	19.13	25.96	29.04		29.07	0.000479	0.73	26.05	13.96	0.17
streda-valle	1885.772	Max WS	TR030_TP06H	17.01	25.96	28.86		28.89	0.000510	0.72	23.62	13.96	0.18
streda-valle	1868.983	Max WS	TR200_TP01H	23.45	25.68	29.29		29.35	0.000937	1.10	21.32	8.41	0.22
streda-valle	1868.983	Max WS	TR200_TP03H	24.31	25.68	29.35		29.41	0.000943	1.11	21.82	8.41	0.22
streda-valle	1868.983	Max WS	TR200_TP06H	20.95	25.68	29.12		29.18	0.000905	1.05	19.91	8.41	0.22
streda-valle	1868.983	Max WS	TR030_TP01H	18.54	25.68	28.93		28.98	0.000901	1.01	18.28	8.41	0.22
streda-valle	1868.983	Max WS	TR030_TP03H	19.46	25.68	29.00		29.05	0.000909	1.03	18.86	8.41	0.22
streda-valle	1868.983	Max WS	TR030_TP06H	17.15	25.68	28.83		28.88	0.000881	0.98	17.44	8.41	0.22
streda-valle	1856.218	Max WS	TR200_TP01H	24.45	25.68	29.27		29.33	0.000857	1.12	21.92	9.18	0.23
streda-valle	1856.218	Max WS	TR200_TP03H	25.35	25.68	29.33		29.39	0.000854	1.13	22.47	9.18	0.23
streda-valle	1856.218	Max WS	TR200_TP06H	21.83	25.68	29.10		29.16	0.000852	1.07	20.39	9.18	0.23
streda-valle	1856.218	Max WS	TR030_TP01H	19.28	25.68	28.91		28.96	0.000880	1.04	18.61	9.18	0.23
streda-valle	1856.218	Max WS	TR030_TP03H	20.26	25.68	28.98		29.03	0.000877	1.05	19.25	9.18	0.23
streda-valle	1856.218	Max WS	TR030_TP06H	17.80	25.68	28.81		28.86	0.000876	1.01	17.70	9.18	0.23
streda-valle	1843.317	Max WS	TR200_TP01H	24.96	25.73	29.25		29.32	0.001105	1.17	21.35	8.96	0.24
streda-valle	1843.317	Max WS	TR200_TP03H	25.89	25.73	29.31		29.38	0.001109	1.18	21.88	8.96	0.24
streda-valle	1843.317	Max WS	TR200_TP06H	22.26	25.73	29.08		29.15	0.001079	1.12	19.87	8.96	0.24
streda-valle	1843.317	Max WS	TR030_TP01H	19.70	25.73	28.89		28.95	0.001099	1.09	18.13	8.96	0.24
streda-valle	1843.317	Max WS	TR030_TP03H	20.69	25.73	28.96		29.02	0.001100	1.10	18.75	8.96	0.24
streda-valle	1843.317	Max WS	TR030_TP06H	18.23	25.73	28.79		28.85	0.001088	1.06	17.24	8.96	0.24
streda-valle	1833.027	Max WS	TR200_TP01H	25.40	25.74	29.23		29.30	0.001194	1.20	21.14	9.19	0.25
streda-valle	1833.027	Max WS	TR200_TP03H	26.35	25.74	29.29		29.36	0.001196	1.22	21.68	9.19	0.25
streda-valle	1833.027	Max WS	TR200_TP06H	22.64	25.74	29.06		29.13	0.001174	1.15	19.62	9.19	0.25

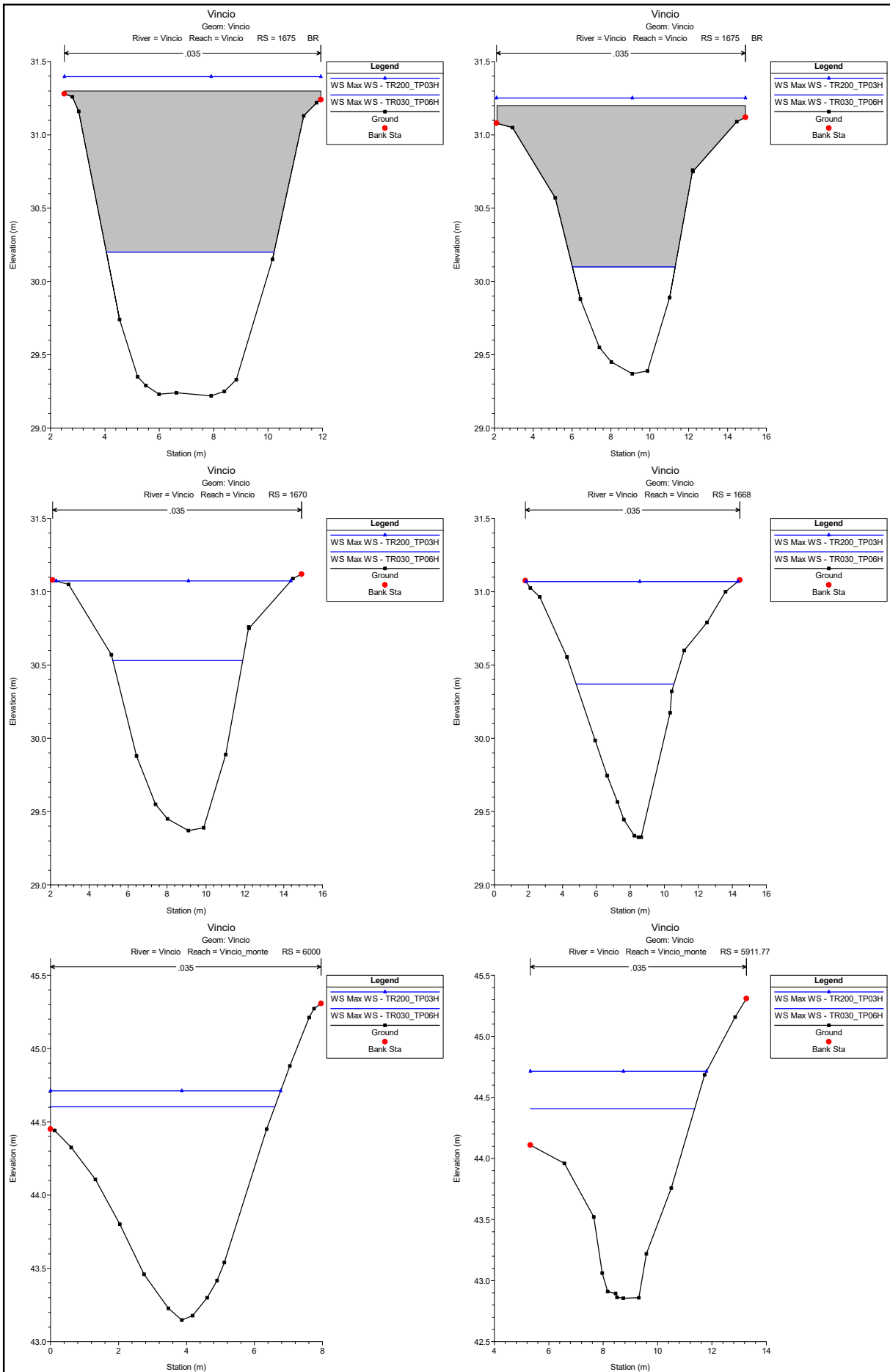
HEC-RAS Profile: Max WS (Continued)

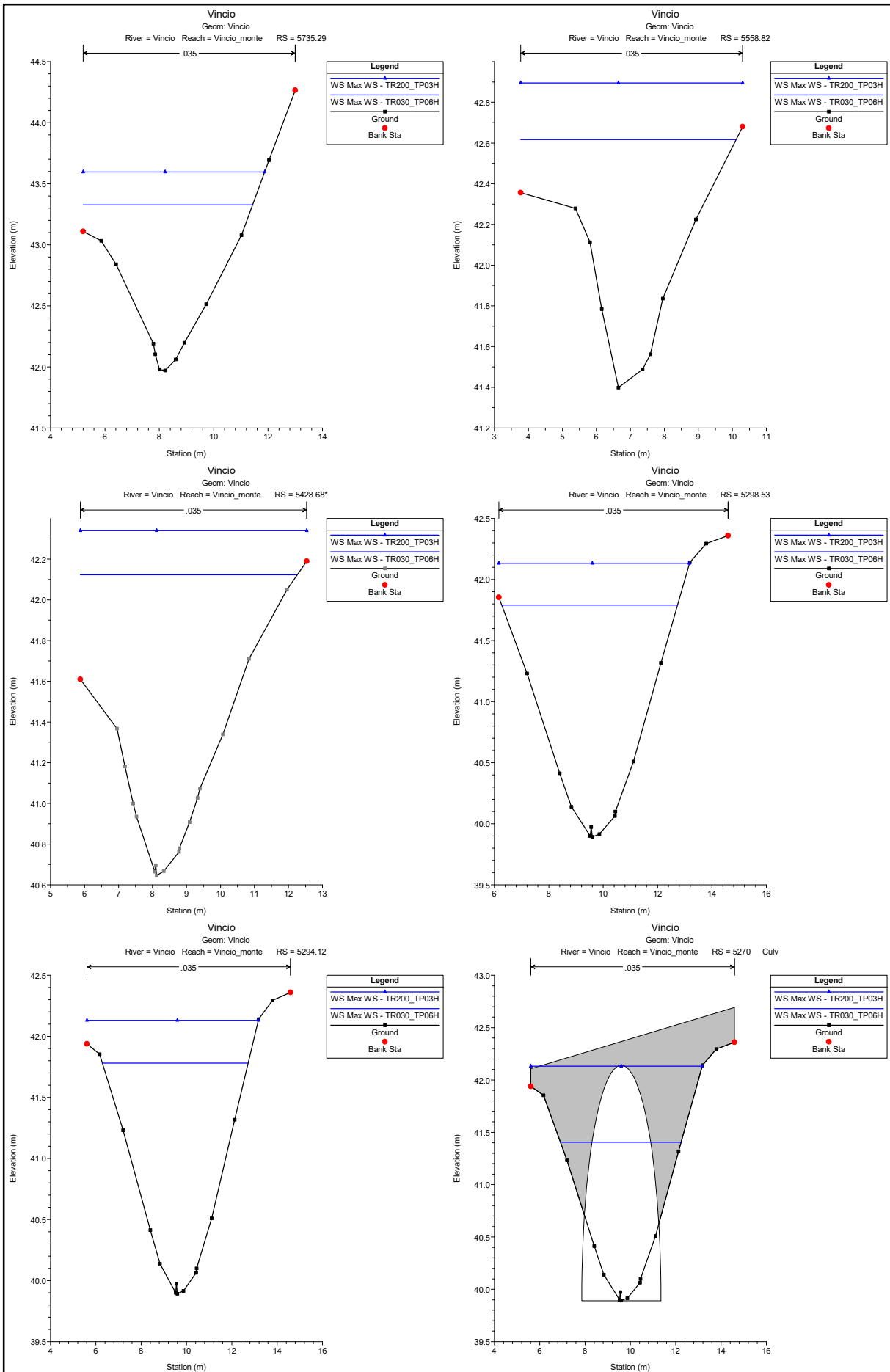
Reach	River Sta	Profile	Plan	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
streda-valle	1833.027	Max WS	TR030_TP01H	20.05	25.74	28.87		28.93	0.001215	1.12	17.83	9.19	0.26
streda-valle	1833.027	Max WS	TR030_TP03H	21.05	25.74	28.94		29.00	0.001209	1.14	18.47	9.19	0.26
streda-valle	1833.027	Max WS	TR030_TP06H	18.60	25.74	28.77		28.83	0.001219	1.10	16.92	9.19	0.26
streda-valle	1821.479	Max WS	TR200_TP01H	25.94	25.77	29.22		29.28	0.000923	1.09	23.77	10.24	0.23
streda-valle	1821.479	Max WS	TR200_TP03H	26.92	25.77	29.28		29.34	0.000925	1.10	24.38	10.24	0.23
streda-valle	1821.479	Max WS	TR200_TP06H	23.14	25.77	29.06		29.11	0.000909	1.05	22.09	10.24	0.23
streda-valle	1821.479	Max WS	TR030_TP01H	20.57	25.77	28.86		28.91	0.000950	1.02	20.07	10.24	0.23
streda-valle	1821.479	Max WS	TR030_TP03H	21.56	25.77	28.93		28.99	0.000942	1.04	20.79	10.24	0.23
streda-valle	1821.479	Max WS	TR030_TP06H	19.15	25.77	28.76		28.81	0.000961	1.01	19.04	10.24	0.24
streda-valle	1802.794	Max WS	TR200_TP01H	26.55	25.70	29.21		29.26	0.000724	0.97	27.26	11.98	0.21
streda-valle	1802.794	Max WS	TR200_TP03H	27.57	25.70	29.27		29.32	0.000724	0.99	27.97	11.98	0.21
streda-valle	1802.794	Max WS	TR200_TP06H	23.66	25.70	29.05		29.09	0.000718	0.94	25.28	11.98	0.21
streda-valle	1802.794	Max WS	TR030_TP01H	21.12	25.70	28.85		28.89	0.000768	0.92	22.90	11.98	0.21
streda-valle	1802.794	Max WS	TR030_TP03H	22.12	25.70	28.92		28.96	0.000756	0.93	23.74	11.98	0.21
streda-valle	1802.794	Max WS	TR030_TP06H	19.68	25.70	28.75		28.79	0.000785	0.91	21.69	11.98	0.22
streda-valle	1788.227	Max WS	TR200_TP01H	26.53	25.70	29.18		29.25	0.001105	1.17	22.74	10.00	0.25
streda-valle	1788.227	Max WS	TR200_TP03H	27.56	25.70	29.24		29.31	0.001107	1.18	23.33	10.00	0.25
streda-valle	1788.227	Max WS	TR200_TP06H	23.64	25.70	29.01		29.08	0.001089	1.12	21.11	10.00	0.25
streda-valle	1788.227	Max WS	TR030_TP01H	21.19	25.70	28.81		28.88	0.001170	1.11	19.11	10.00	0.26
streda-valle	1788.227	Max WS	TR030_TP03H	22.18	25.70	28.88		28.95	0.001153	1.12	19.81	10.00	0.25
streda-valle	1788.227	Max WS	TR030_TP06H	19.72	25.70	28.71		28.78	0.001188	1.09	18.11	10.00	0.26
streda-valle	1762.633	Max WS	TR200_TP01H	27.86	25.84	29.12		29.20	0.001425	1.31	21.20	9.46	0.28
streda-valle	1762.633	Max WS	TR200_TP03H	28.95	25.84	29.17		29.27	0.001430	1.33	21.75	9.46	0.28
streda-valle	1762.633	Max WS	TR200_TP06H	24.86	25.84	28.96		29.04	0.001405	1.26	19.69	9.46	0.28
streda-valle	1762.633	Max WS	TR030_TP01H	22.45	25.84	28.75		28.83	0.001551	1.27	17.74	9.46	0.30
streda-valle	1762.633	Max WS	TR030_TP03H	23.48	25.84	28.82		28.90	0.001523	1.28	18.41	9.46	0.29
streda-valle	1762.633	Max WS	TR030_TP06H	20.92	25.84	28.65		28.73	0.001582	1.25	16.79	9.46	0.30
streda-valle	1740.790	Max WS	TR200_TP01H	31.24	25.80	29.05		29.15	0.001375	1.44	22.35	9.66	0.30
streda-valle	1740.790	Max WS	TR200_TP03H	32.47	25.80	29.11		29.21	0.001383	1.46	22.89	9.66	0.30
streda-valle	1740.790	Max WS	TR200_TP06H	27.91	25.80	28.89		28.99	0.001352	1.37	20.84	9.66	0.29
streda-valle	1740.790	Max WS	TR030_TP01H	25.45	25.80	28.68		28.78	0.001536	1.39	18.78	9.66	0.31
streda-valle	1740.790	Max WS	TR030_TP03H	26.57	25.80	28.75		28.85	0.001503	1.40	19.47	9.66	0.31
streda-valle	1740.790	Max WS	TR030_TP06H	23.77	25.80	28.58		28.67	0.001572	1.36	17.81	9.66	0.32
streda-valle	1726.126	Max WS	TR200_TP01H	33.94	25.53	29.00		29.11	0.001664	1.45	23.34	10.05	0.30
streda-valle	1726.126	Max WS	TR200_TP03H	35.28	25.53	29.06		29.17	0.001680	1.48	23.90	10.05	0.31
streda-valle	1726.126	Max WS	TR200_TP06H	30.33	25.53	28.85		28.95	0.001620	1.39	21.80	10.05	0.30
streda-valle	1726.126	Max WS	TR030_TP01H	27.72	25.53	28.63		28.73	0.001844	1.41	19.60	10.05	0.32
streda-valle	1726.126	Max WS	TR030_TP03H	28.94	25.53	28.70		28.81	0.001809	1.42	20.32	10.05	0.32
streda-valle	1726.126	Max WS	TR030_TP06H	25.89	25.53	28.53		28.63	0.001879	1.39	18.59	10.05	0.33
streda-valle	1704.893	Max WS	TR200_TP01H	39.21	25.82	28.70		28.97	0.005547	2.31	17.00	10.27	0.57
streda-valle	1704.893	Max WS	TR200_TP03H	40.78	25.82	28.75		29.03	0.005521	2.32	17.55	10.41	0.57
streda-valle	1704.893	Max WS	TR200_TP06H	34.75	25.82	28.57		28.82	0.005426	2.22	15.65	9.91	0.56
streda-valle	1704.893	Max WS	TR030_TP01H	31.55	25.82	28.25		28.57	0.007976	2.49	12.65	9.19	0.68
streda-valle	1704.893	Max WS	TR030_TP03H	33.23	25.82	28.33		28.64	0.007686	2.49	13.32	9.35	0.67
streda-valle	1704.893	Max WS	TR030_TP06H	29.08	25.82	28.16		28.47	0.008130	2.45	11.85	9.01	0.68
streda-valle	1690.392	Max WS	TR200_TP01H	41.74	25.81	28.63		28.86	0.004386	2.14	19.49	10.78	0.51
streda-valle	1690.392	Max WS	TR200_TP03H	43.58	25.81	28.67		28.91	0.004431	2.18	19.99	10.78	0.51
streda-valle	1690.392	Max WS	TR200_TP06H	36.56	25.81	28.51		28.71	0.004106	2.01	18.23	10.78	0.49
streda-valle	1690.392	Max WS	TR030_TP01H	32.69	25.81	28.18		28.43	0.006285	2.23	14.64	10.65	0.61
streda-valle	1690.392	Max WS	TR030_TP03H	34.63	25.81	28.24		28.50	0.006137	2.25	15.38	10.78	0.60
streda-valle	1690.392	Max WS	TR030_TP06H	29.94	25.81	28.09		28.33	0.006205	2.17	13.78	10.38	0.60
streda-valle	1665.432	Max WS	TR200_TP01H	-2.72	25.54	28.29	26.02	28.29	0.000024	-0.16	17.12	9.29	0.04
streda-valle	1665.432	Max WS	TR200_TP03H	0.39	25.54	28.29	25.70	28.29	0.000000	0.02	17.12	9.29	0.01
streda-valle	1665.432	Max WS	TR200_TP06H	-2.72	25.54	28.29	26.02	28.29	0.000024	-0.16	17.12	9.29	0.04
streda-valle	1665.432	Max WS	TR030_TP01H	1.50	25.54	27.87	25.88	27.87	0.000015	0.11	13.22	9.09	0.03
streda-valle	1665.432	Max WS	TR030_TP03H	1.51	25.54	27.87	25.88	27.87	0.000016	0.11	13.22	9.09	0.03
streda-valle	1665.432	Max WS	TR030_TP06H	1.19	25.54	27.87	25.84	27.87	0.000010	0.09	13.22	9.09	0.02

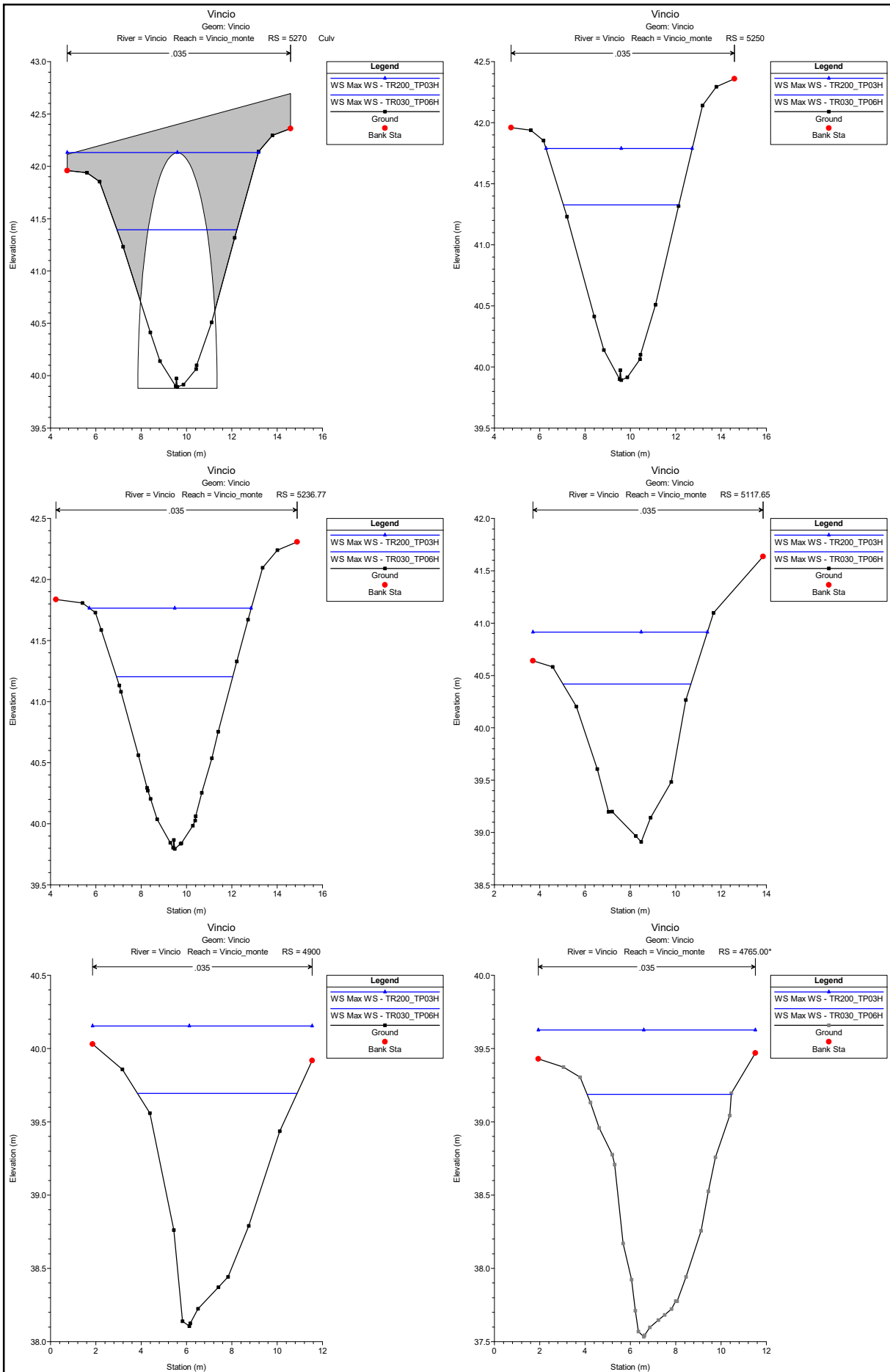


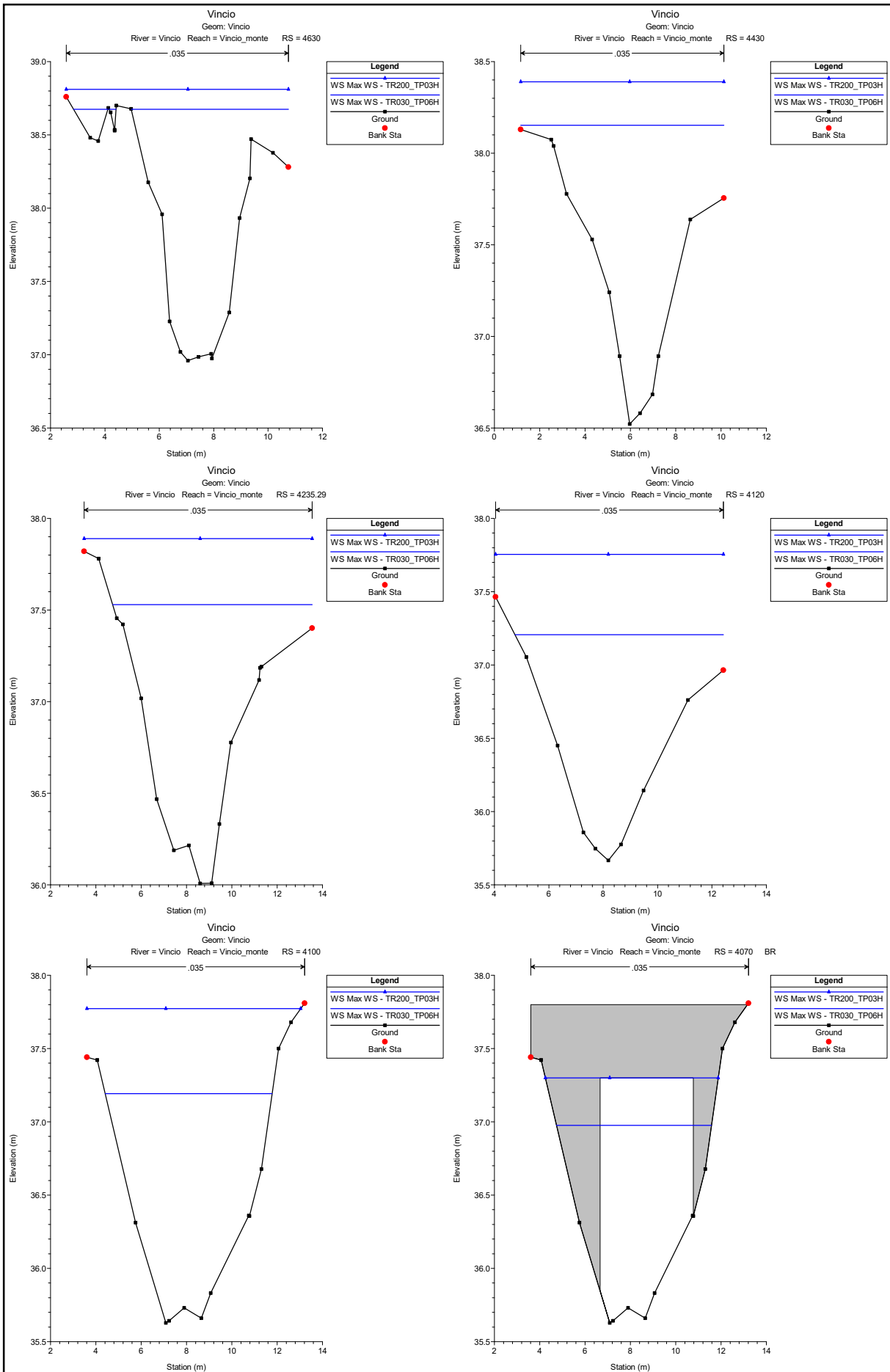


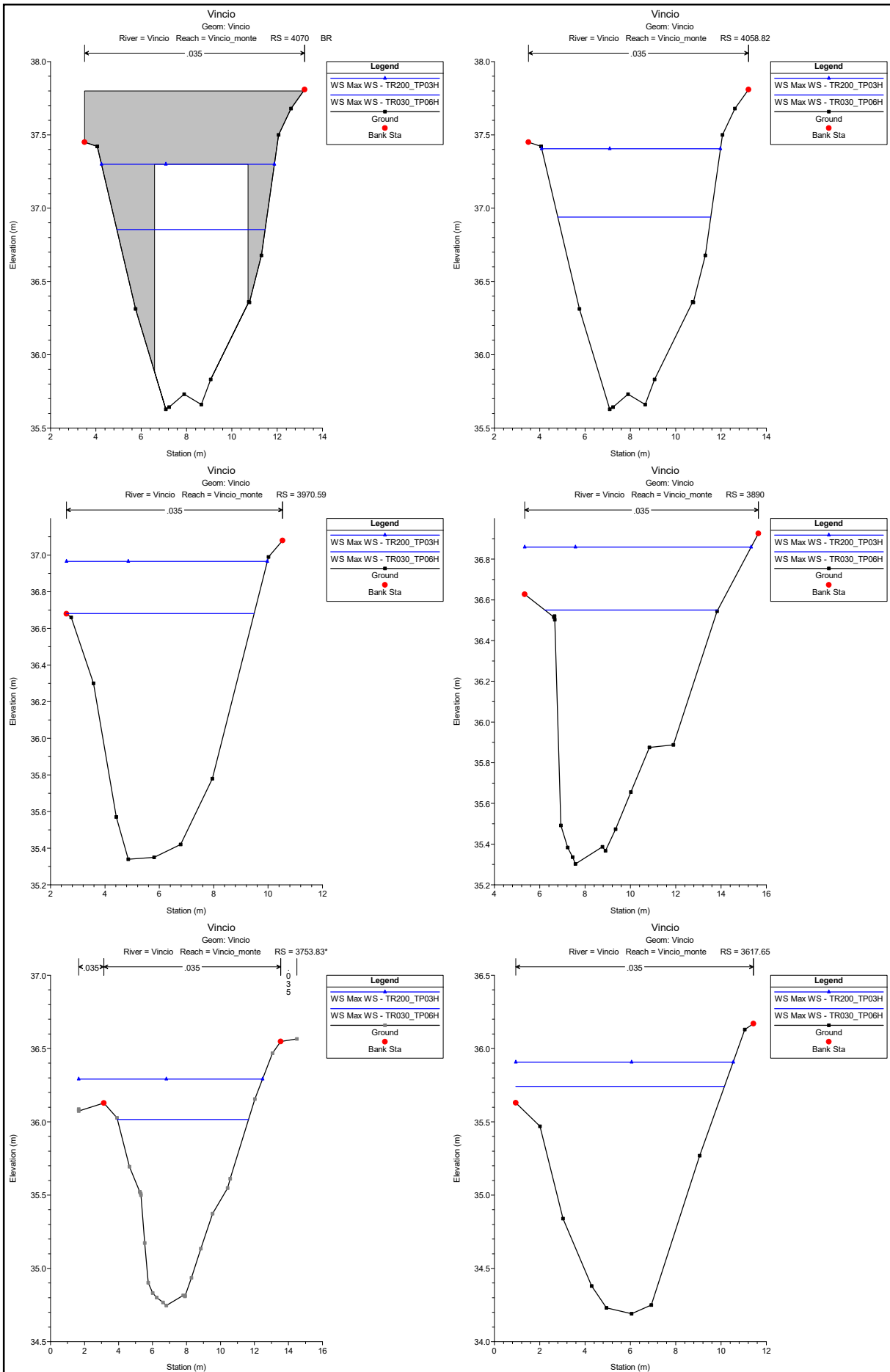


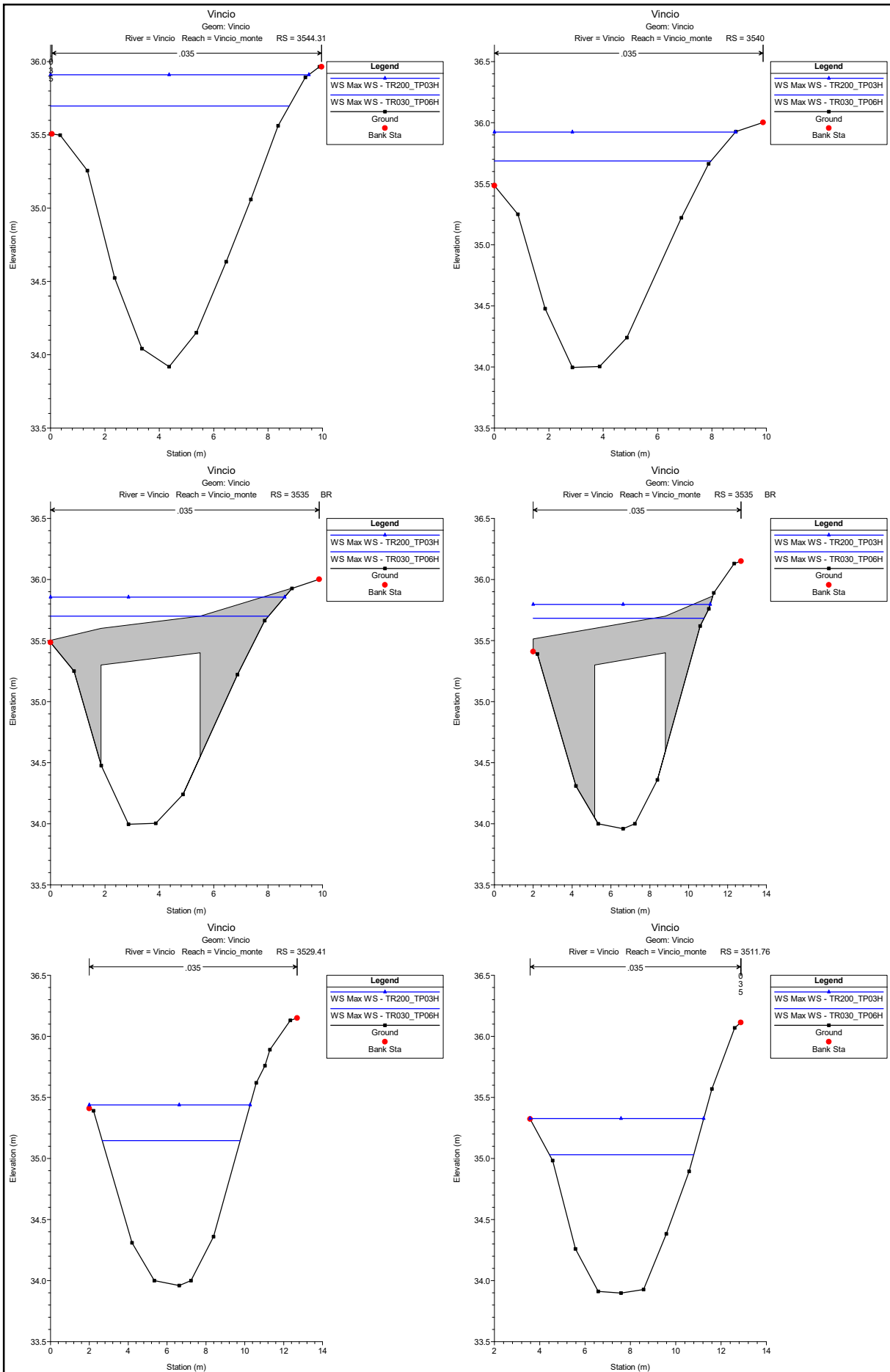


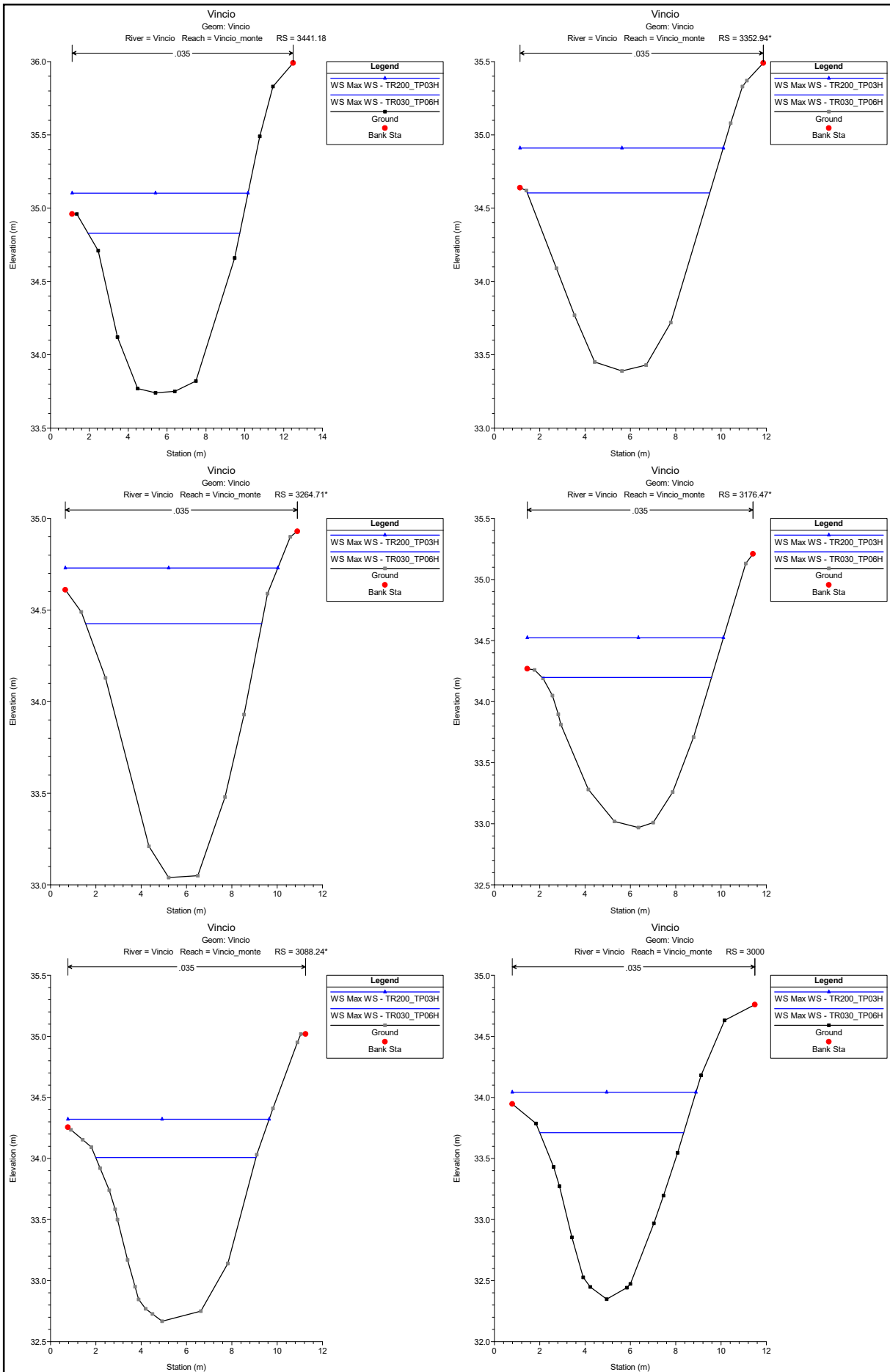


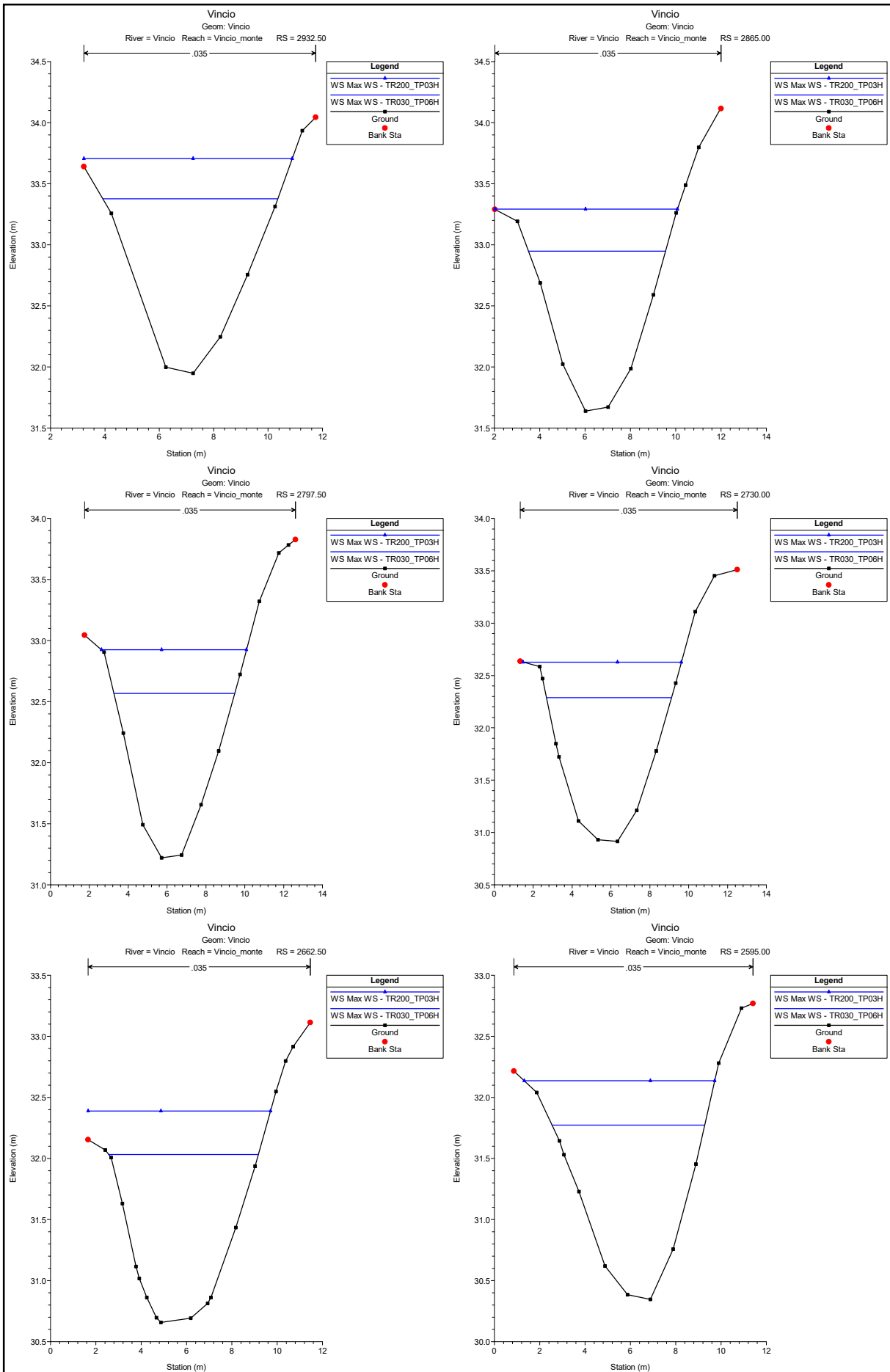


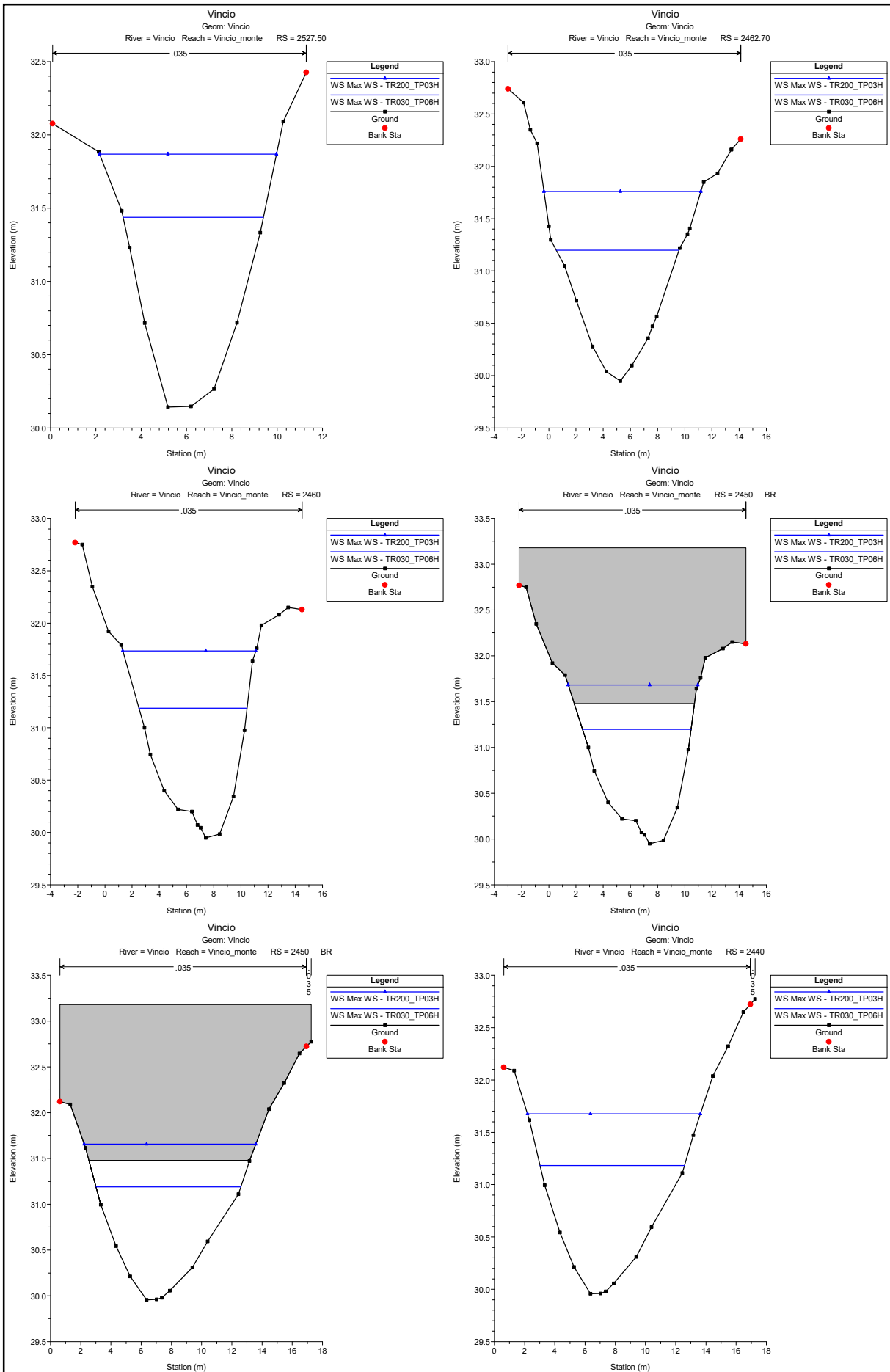


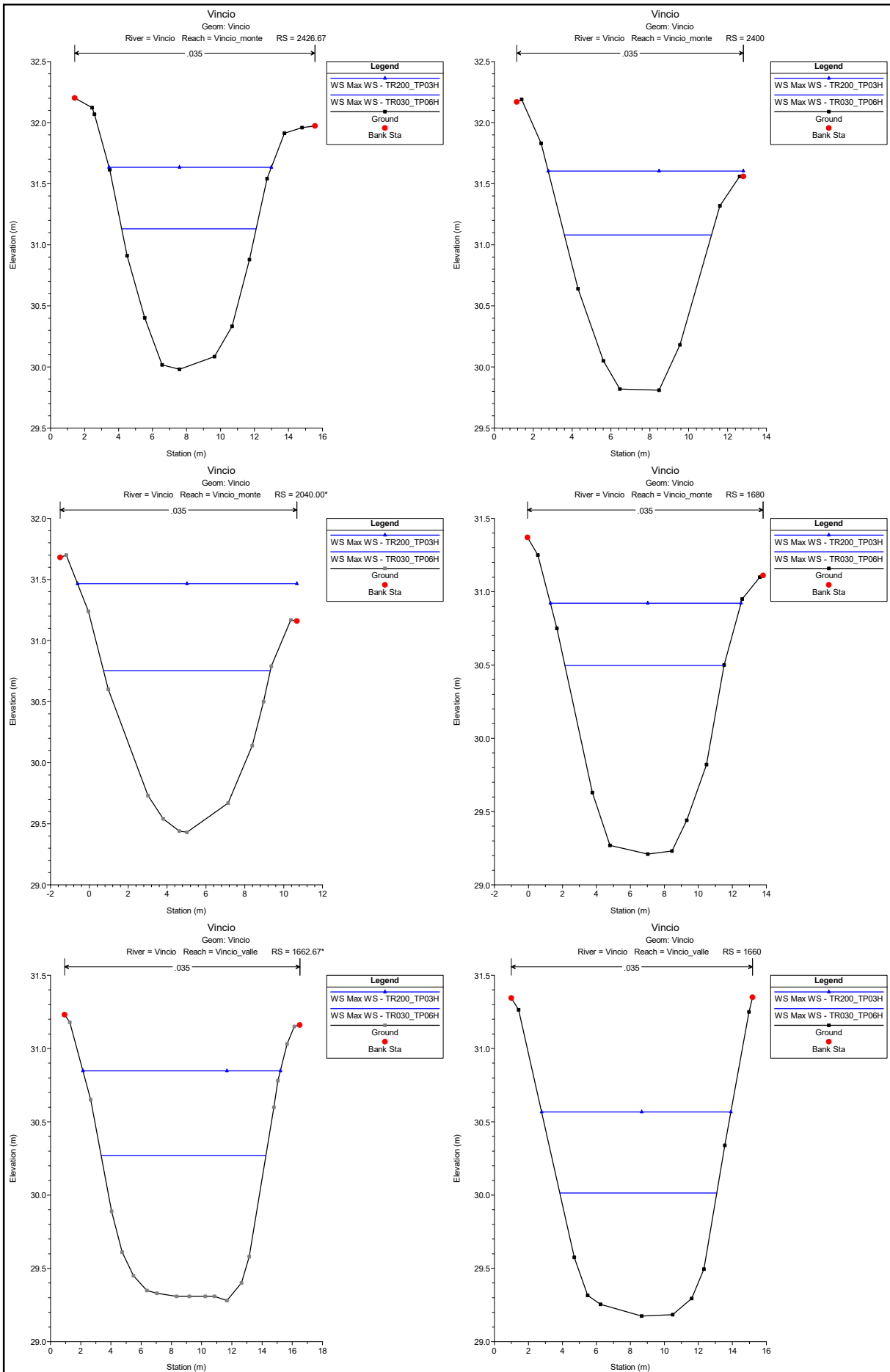


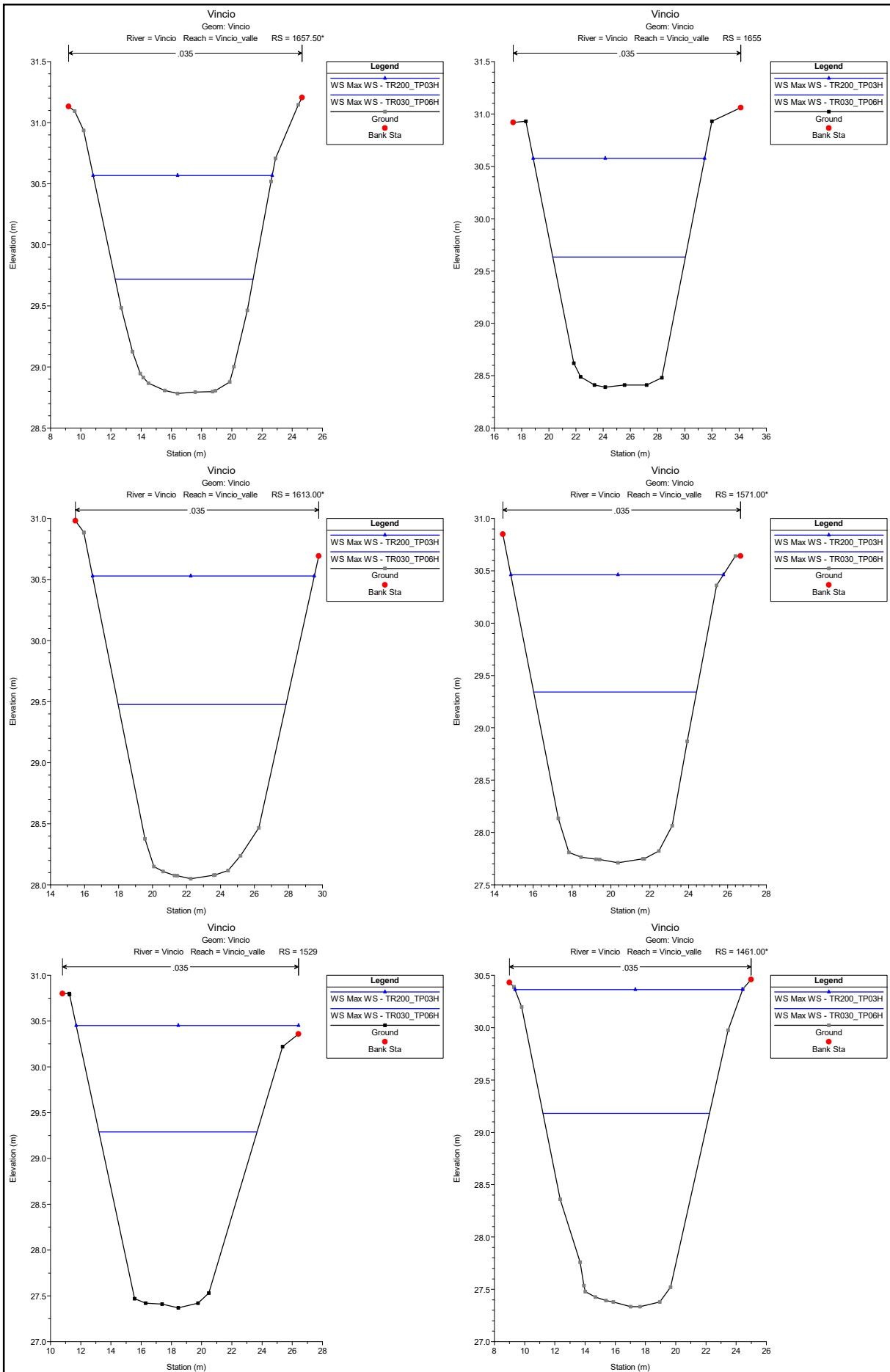


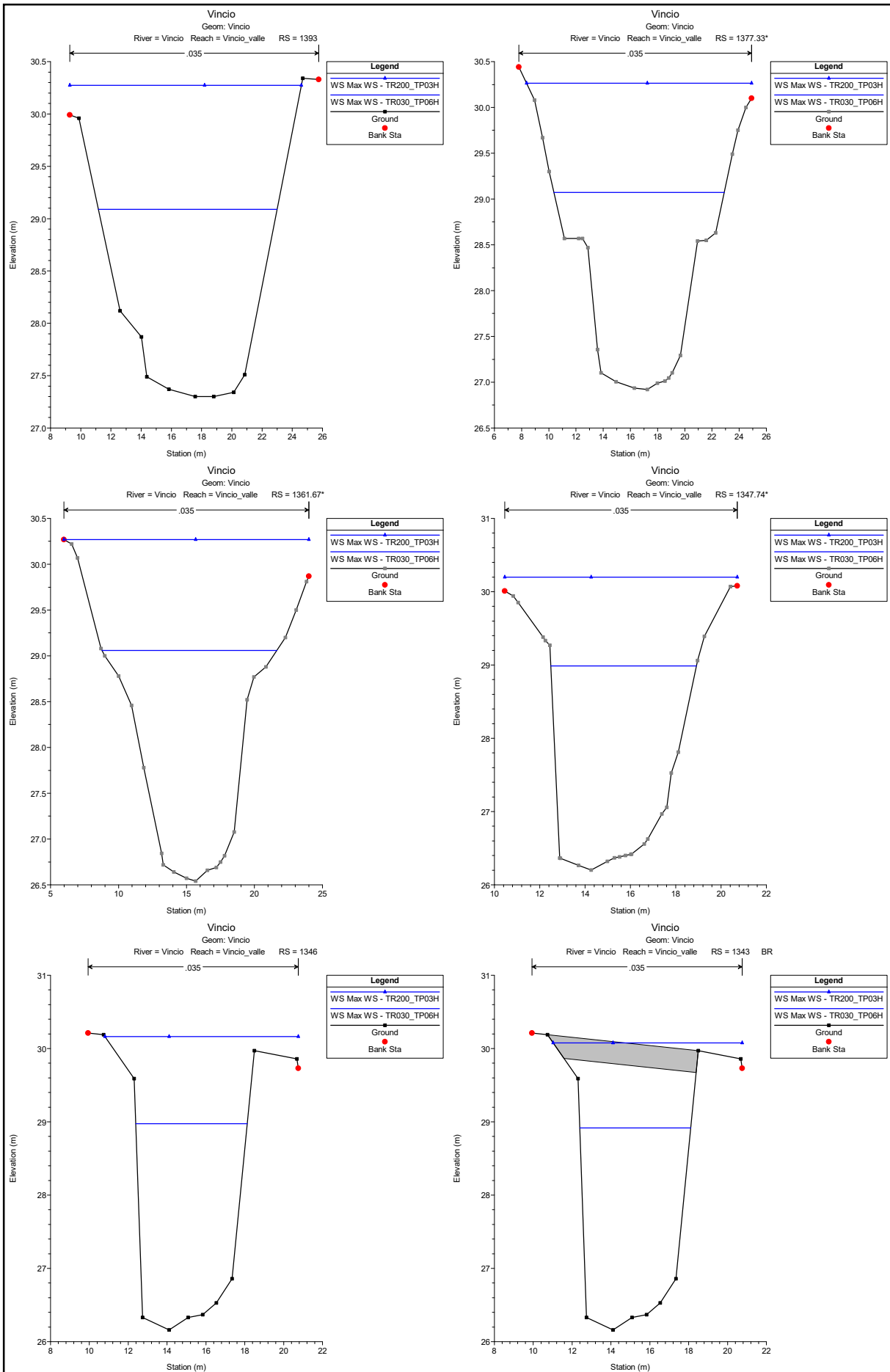


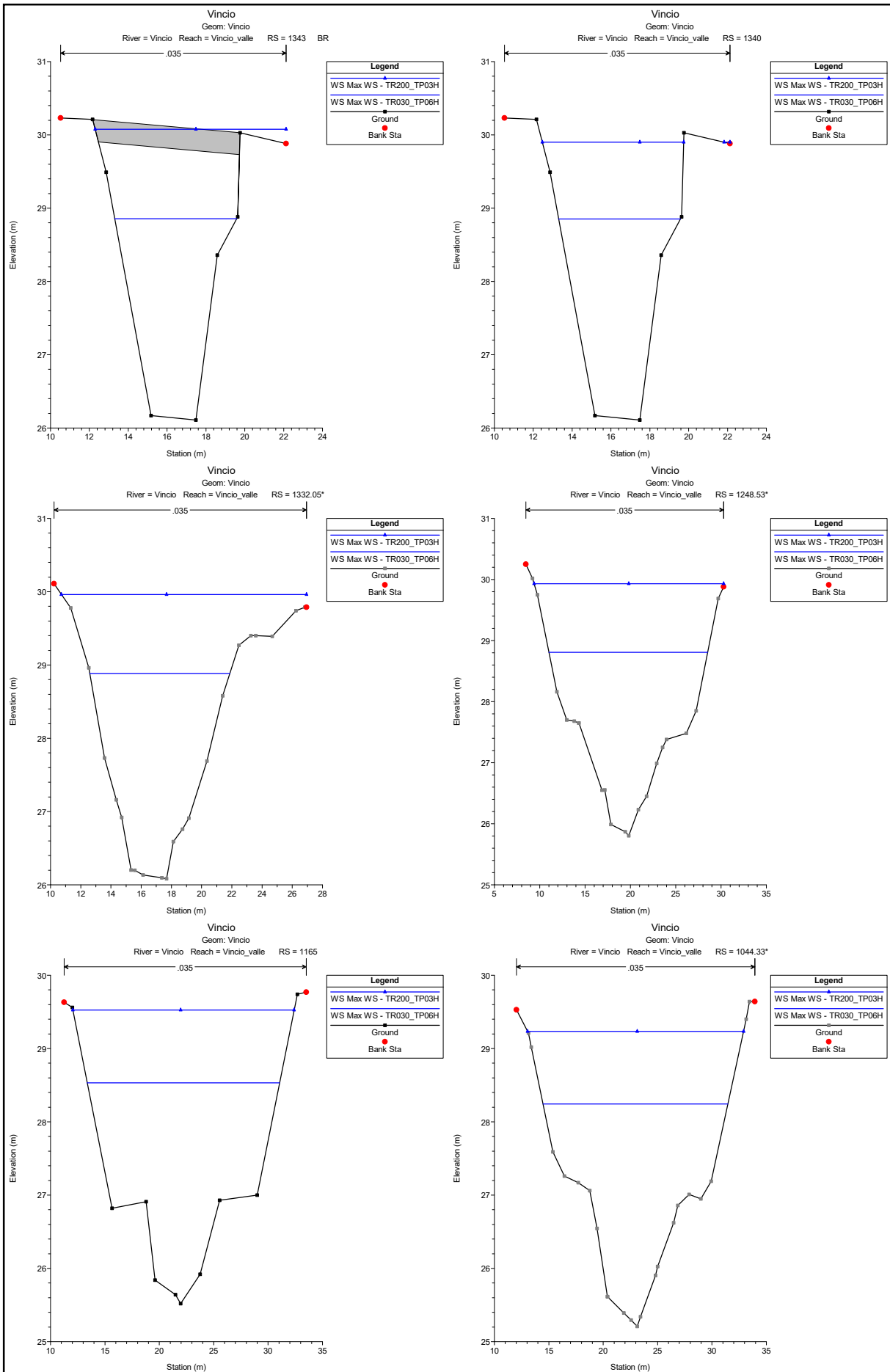


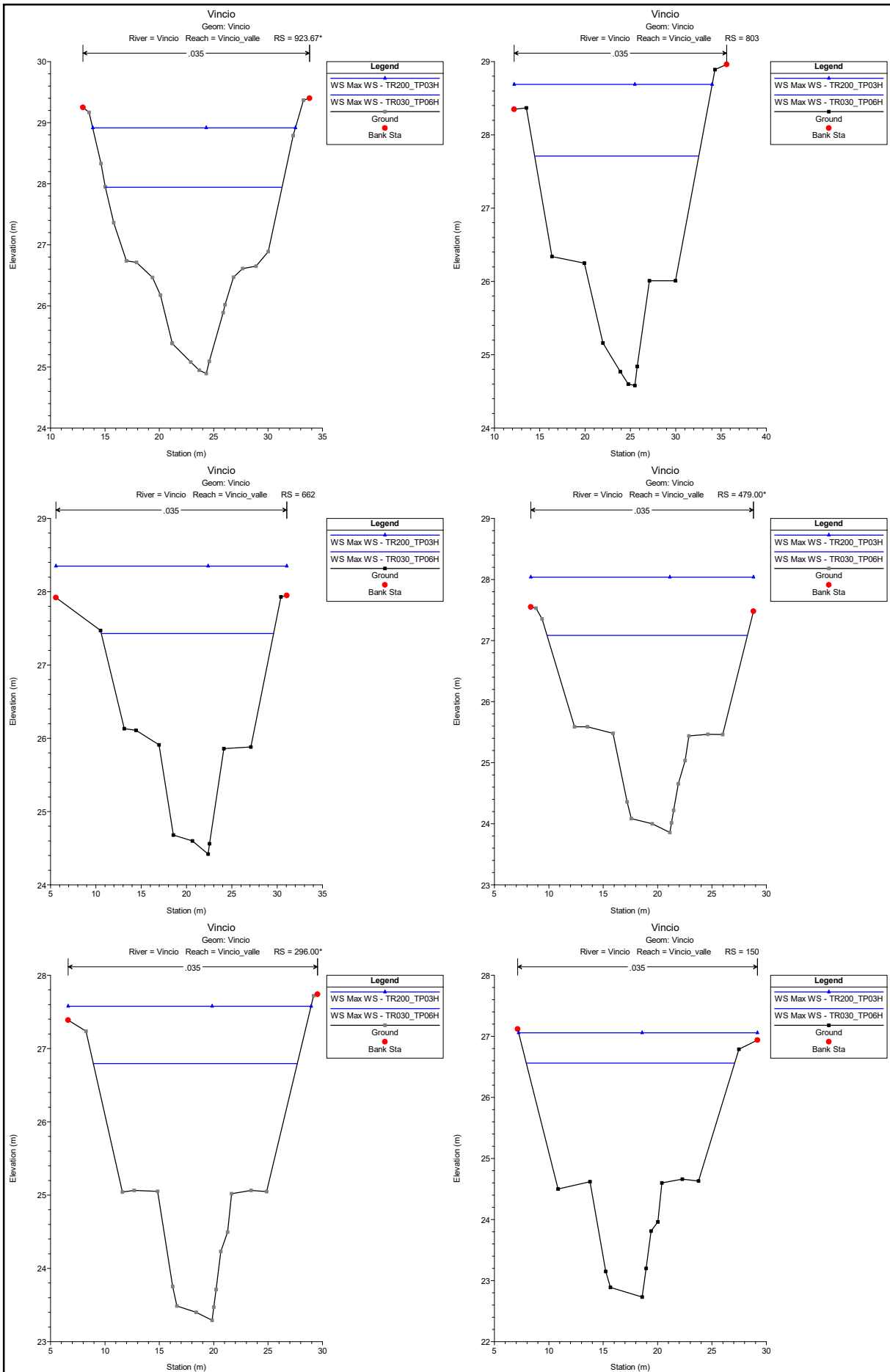


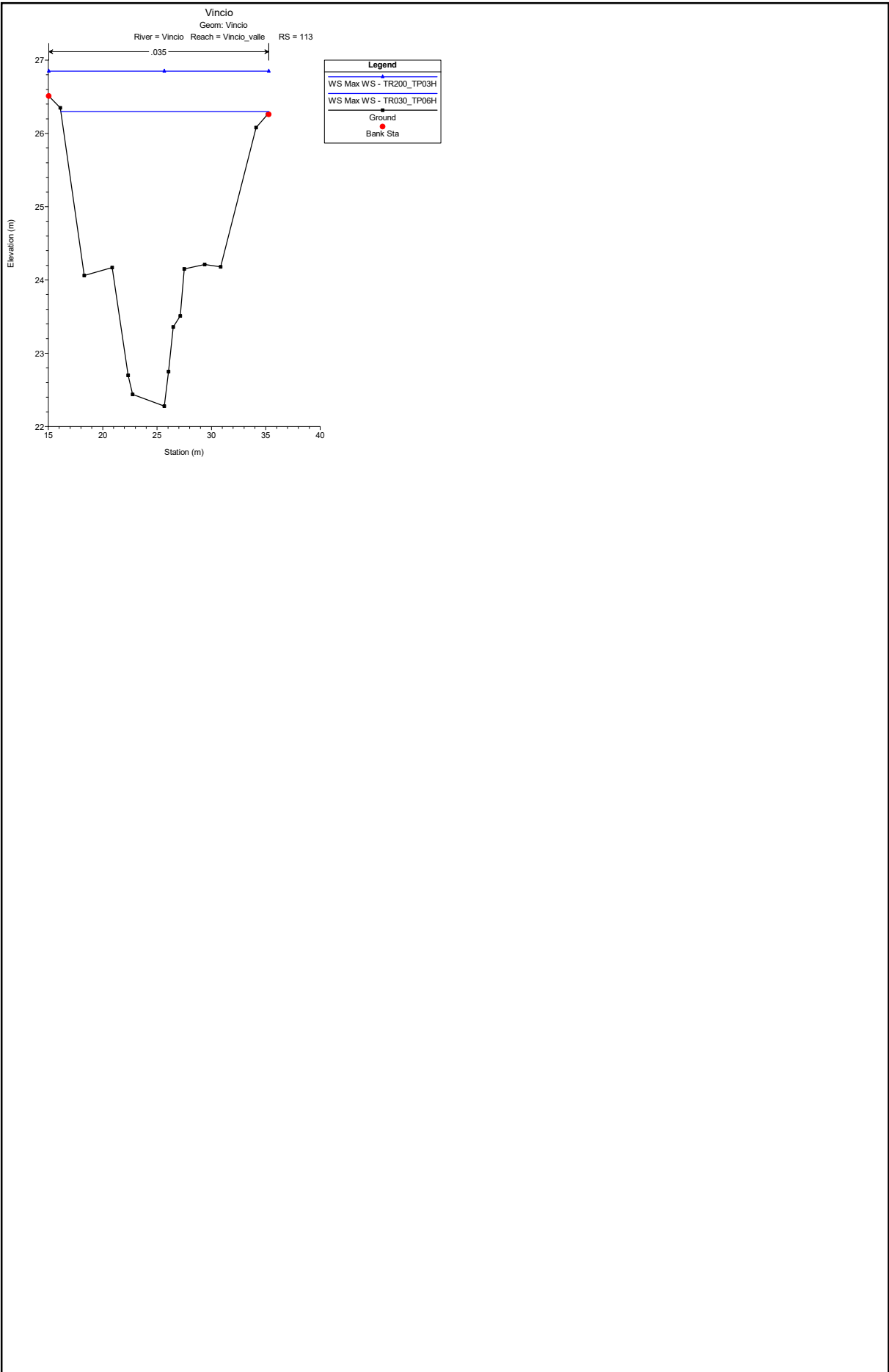












HEC-RAS Profile: Max WS (Continued)

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
Vincio_monte	4234.98												
				Lat Struct									
Vincio_monte	4120	Max WS	TR030_TP06H	9.79	35.67	37.21		37.33	0.004424	1.56	6.29	7.66	0.55
Vincio_monte	4120	Max WS	TR200_TP03H	14.34	35.67	37.75		37.84	0.001977	1.33	10.79	8.38	0.37
Vincio_monte	4100	Max WS	TR030_TP06H	9.81	35.63	37.19	36.65	37.28	0.002357	1.31	7.52	7.37	0.41
Vincio_monte	4100	Max WS	TR200_TP03H	12.92	35.63	37.77	36.79	37.83	0.001133	1.05	12.34	9.42	0.29
Vincio_monte	4070												
				Bridge									
Vincio_monte	4058.82	Max WS	TR030_TP06H	9.99	35.63	36.94		37.09	0.005267	1.74	5.73	6.75	0.60
Vincio_monte	4058.82	Max WS	TR200_TP03H	12.92	35.63	37.41		37.51	0.002367	1.41	9.14	7.89	0.42
Vincio_monte	4057.99												
				Lat Struct									
Vincio_monte	4057.98												
				Lat Struct									
Vincio_monte	3970.59	Max WS	TR030_TP06H	10.32	35.34	36.68		36.84	0.005526	1.78	5.81	6.89	0.62
Vincio_monte	3970.59	Max WS	TR200_TP03H	17.07	35.34	36.97		37.21	0.006392	2.17	7.85	7.38	0.67
Vincio_monte	3890	Max WS	TR030_TP06H	10.30	35.30	36.55		36.72	0.007126	1.82	5.66	7.63	0.67
Vincio_monte	3890	Max WS	TR200_TP03H	17.23	35.30	36.86		37.07	0.007365	2.03	8.49	9.99	0.70
Vincio_monte	3753.83*	Max WS	TR030_TP06H	10.20	34.75	36.02		36.18	0.006633	1.80	5.67	7.71	0.67
Vincio_monte	3753.83*	Max WS	TR200_TP03H	17.04	34.75	36.29		36.51	0.007111	2.09	8.35	10.81	0.72
Vincio_monte	3617.65	Max WS	TR030_TP06H	9.97	34.19	35.74		35.81	0.002044	1.17	8.54	9.21	0.39
Vincio_monte	3617.65	Max WS	TR200_TP03H	17.33	34.19	35.91		36.06	0.003804	1.71	10.11	9.60	0.53
Vincio_monte	3544.31	Max WS	TR030_TP06H	9.34	33.92	35.70		35.76	0.001645	1.09	8.61	8.77	0.35
Vincio_monte	3544.31	Max WS	TR200_TP03H	13.72	33.92	35.91		36.00	0.001995	1.30	10.56	9.50	0.39
Vincio_monte	3540	Max WS	TR030_TP06H	9.16	34.00	35.69	35.03	35.75	0.001876	1.15	7.98	7.97	0.37
Vincio_monte	3540	Max WS	TR200_TP03H	12.63	34.00	35.92	35.21	36.01	0.001999	1.27	9.97	8.87	0.38
Vincio_monte	3535												
				Bridge									
Vincio_monte	3529.41	Max WS	TR030_TP06H	9.16	33.96	35.15		35.28	0.004829	1.62	5.64	7.10	0.58
Vincio_monte	3529.41	Max WS	TR200_TP03H	12.63	33.96	35.44		35.57	0.003730	1.60	7.89	8.28	0.52
Vincio_monte	3528.99												
				Lat Struct									
Vincio_monte	3528.98												
				Lat Struct									
Vincio_monte	3511.76	Max WS	TR030_TP06H	9.37	33.90	35.03		35.22	0.007087	1.91	4.90	6.36	0.69
Vincio_monte	3511.76	Max WS	TR200_TP03H	13.24	33.90	35.33		35.51	0.005607	1.90	6.98	7.66	0.63
Vincio_monte	3441.18	Max WS	TR030_TP06H	9.78	33.74	34.83		34.98	0.005734	1.70	5.75	7.80	0.63
Vincio_monte	3441.18	Max WS	TR200_TP03H	15.04	33.74	35.10		35.28	0.005405	1.86	8.10	9.06	0.63
Vincio_monte	3352.94*	Max WS	TR030_TP06H	10.11	33.39	34.60		34.73	0.004641	1.60	6.33	8.05	0.57
Vincio_monte	3352.94*	Max WS	TR200_TP03H	15.28	33.39	34.91		35.06	0.003984	1.70	8.98	8.97	0.54
Vincio_monte	3264.71*	Max WS	TR030_TP06H	10.15	33.04	34.43		34.54	0.003826	1.52	6.68	7.77	0.52
Vincio_monte	3264.71*	Max WS	TR200_TP03H	15.74	33.04	34.73		34.87	0.003962	1.69	9.30	9.38	0.54
Vincio_monte	3176.47*	Max WS	TR030_TP06H	10.09	32.97	34.20		34.34	0.005206	1.69	5.95	7.48	0.61
Vincio_monte	3176.47*	Max WS	TR200_TP03H	15.61	32.97	34.52		34.69	0.004534	1.80	8.65	8.66	0.58
Vincio_monte	3088.24*	Max WS	TR030_TP06H	10.07	32.67	34.01		34.14	0.004050	1.59	6.34	7.07	0.54
Vincio_monte	3088.24*	Max WS	TR200_TP03H	15.88	32.67	34.32		34.49	0.004482	1.79	8.85	8.88	0.57
Vincio_monte	3000	Max WS	TR030_TP06H	10.07	32.35	33.71		33.90	0.006587	1.91	5.27	6.36	0.67
Vincio_monte	3000	Max WS	TR200_TP03H	15.61	32.35	34.04		34.25	0.006234	2.03	7.69	8.10	0.67
Vincio_monte	2999.99												
				Lat Struct									
Vincio_monte	2999.98												
				Lat Struct									
Vincio_monte	2932.50	Max WS	TR030_TP06H	9.88	31.95	33.38		33.54	0.005835	1.82	5.43	6.43	0.63
Vincio_monte	2932.50	Max WS	TR200_TP03H	15.63	31.95	33.71		33.91	0.005642	2.01	7.77	7.66	0.64
Vincio_monte	2865.00	Max WS	TR030_TP06H	9.98	31.64	32.95		33.16	0.007515	2.02	4.94	6.05	0.71
Vincio_monte	2865.00	Max WS	TR200_TP03H	15.81	31.64	33.29		33.53	0.007534	2.17	7.28	8.06	0.73
Vincio_monte	2797.50	Max WS	TR030_TP06H	10.00	31.22	32.57		32.75	0.006326	1.90	5.27	6.22	0.66
Vincio_monte	2797.50	Max WS	TR200_TP03H	15.96	31.22	32.92		33.14	0.005898	2.08	7.69	7.47	0.65
Vincio_monte	2730.00	Max WS	TR030_TP06H	9.94	30.92	32.29		32.43	0.004482	1.68	5.92	6.44	0.56
Vincio_monte	2730.00	Max WS	TR200_TP03H	15.92	30.92	32.63		32.82	0.005160	1.92	8.27	8.15	0.61
Vincio_monte	2662.50	Max WS	TR030_TP06H	9.98	30.66	32.03		32.17	0.004447	1.66	6.00	6.61	0.56
Vincio_monte	2662.50	Max WS	TR200_TP03H	15.49	30.66	32.39		32.55	0.004155	1.78	8.69	8.04	0.55
Vincio_monte	2595.00	Max WS	TR030_TP06H	9.92	30.35	31.77		31.92	0.004606	1.67	5.95	6.74	0.57
Vincio_monte	2595.00	Max WS	TR200_TP03H	15.57	30.35	32.14		32.30	0.004372	1.80	8.65	8.40	0.57
Vincio_monte	2527.50	Max WS	TR030_TP06H	9.87	30.14	31.44		31.61	0.005914	1.85	5.33	6.19	0.64
Vincio_monte	2527.50	Max WS	TR200_TP03H	15.45	30.14	31.87		32.04	0.004483	1.85	8.33	7.81	0.57
Vincio_monte	2462.70	Max WS	TR030_TP06H	9.84	29.95	31.20		31.31	0.004394	1.49	6.59	9.02	0.56
Vincio_monte	2462.70	Max WS	TR200_TP03H	15.41	29.95	31.76		31.84	0.001812	1.23	12.48	11.54	0.38

HEC-RAS Profile: Max WS (Continued)

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
Vincio_monte	2460	Max WS	TR030_TP06H	9.84	29.95	31.19	30.85	31.30	0.003936	1.50	6.55	7.95	0.53
Vincio_monte	2460	Max WS	TR200_TP03H	15.39	29.95	31.73	31.07	31.83	0.002076	1.35	11.37	9.79	0.40
Vincio_monte	2450			Bridge									
Vincio_monte	2440	Max WS	TR030_TP06H	9.84	29.96	31.18		31.28	0.003599	1.38	7.15	9.56	0.51
Vincio_monte	2440	Max WS	TR200_TP03H	15.39	29.96	31.68		31.76	0.001860	1.25	12.32	11.45	0.38
Vincio_monte	2439.99			Lat Struct									
Vincio_monte	2439.98			Lat Struct									
Vincio_monte	2426.67	Max WS	TR030_TP06H	9.51	29.98	31.13		31.24	0.003828	1.48	6.43	7.91	0.52
Vincio_monte	2426.67	Max WS	TR200_TP03H	15.37	29.98	31.64		31.74	0.002334	1.42	10.81	9.55	0.43
Vincio_monte	2400	Max WS	TR030_TP06H	9.42	29.81	31.08		31.19	0.003422	1.44	6.53	7.57	0.50
Vincio_monte	2400	Max WS	TR200_TP03H	15.36	29.81	31.60		31.70	0.002314	1.39	11.07	10.04	0.42
Vincio_monte	2040.00*	Max WS	TR030_TP06H	9.68	29.43	30.75		30.84	0.002583	1.28	7.56	8.58	0.44
Vincio_monte	2040.00*	Max WS	TR200_TP03H	14.67	29.43	31.47		31.52	0.000967	1.00	14.72	11.29	0.28
Vincio_monte	1680	Max WS	TR030_TP06H	9.49	29.21	30.50		30.56	0.001696	1.08	8.76	9.36	0.36
Vincio_monte	1680	Max WS	TR200_TP03H	25.49	29.21	30.92		31.11	0.004089	1.94	13.13	11.23	0.57
Vincio_valle	1662.67*	Max WS	TR030_TP06H	17.89	29.28	30.27		30.49	0.007712	2.09	8.58	10.91	0.75
Vincio_valle	1662.67*	Max WS	TR200_TP03H	31.38	29.28	30.85		31.06	0.004346	2.03	15.44	13.07	0.60
Vincio_valle	1661.99			Lat Struct									
Vincio_valle	1661.98			Lat Struct									
Vincio_valle	1660	Max WS	TR030_TP06H	17.88	29.17	30.01	30.08	30.45	0.018645	2.90	6.15	9.23	1.14
Vincio_valle	1660	Max WS	TR200_TP03H	31.19	29.17	30.57		30.92	0.008614	2.65	11.77	11.13	0.82
Vincio_valle	1657.50*	Max WS	TR030_TP06H	17.41	28.78	29.72	29.69	30.06	0.012968	2.58	6.74	9.14	0.96
Vincio_valle	1657.50*	Max WS	TR200_TP03H	31.19	28.78	30.57		30.77	0.003705	1.99	15.65	11.86	0.55
Vincio_valle	1655	Max WS	TR030_TP06H	17.99	28.39	29.63		29.81	0.004840	1.88	9.58	9.76	0.61
Vincio_valle	1655	Max WS	TR200_TP03H	31.20	28.39	30.58		30.70	0.001788	1.55	20.13	12.60	0.39
Vincio_valle	1613.00*	Max WS	TR030_TP06H	17.97	28.05	29.48		29.63	0.003569	1.70	10.55	9.87	0.53
Vincio_valle	1613.00*	Max WS	TR200_TP03H	31.17	28.05	30.53		30.63	0.001276	1.38	22.61	13.05	0.33
Vincio_valle	1571.00*	Max WS	TR030_TP06H	17.95	27.71	29.34		29.49	0.003029	1.69	10.62	8.38	0.48
Vincio_valle	1571.00*	Max WS	TR200_TP03H	31.02	27.71	30.46		30.57	0.001337	1.45	21.33	10.95	0.33
Vincio_valle	1529	Max WS	TR030_TP06H	17.93	27.37	29.29		29.37	0.001507	1.27	14.12	10.45	0.35
Vincio_valle	1529	Max WS	TR200_TP03H	31.01	27.37	30.45		30.51	0.000701	1.09	28.51	14.71	0.25
Vincio_valle	1461.00*	Max WS	TR030_TP06H	18.64	27.34	29.18		29.26	0.001489	1.26	14.75	11.02	0.35
Vincio_valle	1461.00*	Max WS	TR200_TP03H	36.34	27.34	30.36		30.44	0.000834	1.21	29.91	15.07	0.28
Vincio_valle	1460.99			Lat Struct									
Vincio_valle	1393	Max WS	TR030_TP06H	18.85	27.30	29.09		29.16	0.001366	1.20	15.65	11.82	0.33
Vincio_valle	1393	Max WS	TR200_TP03H	40.96	27.30	30.27		30.36	0.000905	1.29	31.77	15.33	0.29
Vincio_valle	1392.99			Lat Struct									
Vincio_valle	1377.33*	Max WS	TR030_TP06H	18.86	26.92	29.07		29.14	0.001256	1.13	16.67	12.52	0.31
Vincio_valle	1377.33*	Max WS	TR200_TP03H	41.36	26.92	30.26		30.34	0.000846	1.22	33.80	16.55	0.27
Vincio_valle	1361.67*	Max WS	TR030_TP06H	18.97	26.54	29.06		29.12	0.000995	1.05	18.11	12.85	0.28
Vincio_valle	1361.67*	Max WS	TR200_TP03H	39.48	26.54	30.27		30.33	0.000632	1.07	37.02	18.02	0.24
Vincio_valle	1347.74*	Max WS	TR030_TP06H	19.45	26.20	28.99		29.09	0.001570	1.41	13.77	6.42	0.31
Vincio_valle	1347.74*	Max WS	TR200_TP03H	36.43	26.20	30.20		30.32	0.001565	1.54	23.59	10.25	0.33
Vincio_valle	1346	Max WS	TR030_TP06H	19.45	26.16	28.97	27.58	29.08	0.001720	1.47	13.26	5.74	0.31
Vincio_valle	1346	Max WS	TR200_TP03H	36.44	26.16	30.16	28.19	30.31	0.002344	1.70	21.41	9.96	0.37
Vincio_valle	1343			Bridge									
Vincio_valle	1340	Max WS	TR030_TP06H	19.45	26.11	28.85		29.02	0.003222	1.80	10.78	6.27	0.44
Vincio_valle	1340	Max WS	TR200_TP03H	36.14	26.11	29.90		30.11	0.002933	2.02	17.86	7.59	0.42
Vincio_valle	1339.99			Lat Struct									
Vincio_valle	1339.98			Lat Struct									
Vincio_valle	1332.05*	Max WS	TR030_TP06H	20.22	26.08	28.89		28.96	0.001149	1.24	16.35	9.28	0.30
Vincio_valle	1332.05*	Max WS	TR200_TP03H	36.79	26.08	29.96		30.04	0.001023	1.24	29.78	16.23	0.29
Vincio_valle	1248.53*	Max WS	TR030_TP06H	26.51	25.80	28.81		28.85	0.000559	0.90	29.33	17.51	0.22
Vincio_valle	1248.53*	Max WS	TR200_TP03H	40.15	25.80	29.93		29.96	0.000269	0.79	50.70	20.90	0.16
Vincio_valle	1165	Max WS	TR030_TP06H	48.99	25.52	28.53		28.66	0.001594	1.56	31.40	17.88	0.37
Vincio_valle	1165	Max WS	TR200_TP03H	96.38	25.52	29.53		29.71	0.001583	1.92	50.26	20.33	0.39
Vincio_valle	1164.99			Lat Struct									
Vincio_valle	1164.98			Lat Struct									
Vincio_valle	1044.33*	Max WS	TR030_TP06H	49.63	25.21	28.24		28.41	0.002382	1.81	27.43	16.99	0.45

HEC-RAS Profile: Max WS (Continued)

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
Vincio_valle	1044.33*	Max WS	TR200_TP03H	98.69	25.21	29.23		29.47	0.002170	2.16	45.65	19.85	0.46
Vincio_valle	923.67*	Max WS	TR030_TP06H	50.22	24.89	27.94		28.12	0.002401	1.85	27.12	16.23	0.46
Vincio_valle	923.67*	Max WS	TR200_TP03H	100.87	24.89	28.91		29.18	0.002385	2.29	44.03	18.63	0.46
Vincio_valle	922.99		Lat Struct										
Vincio_valle	922.98		Lat Struct										
Vincio_valle	803	Max WS	TR030_TP06H	51.30	24.58	27.71		27.85	0.001750	1.62	31.58	18.10	0.39
Vincio_valle	803	Max WS	TR200_TP03H	101.80	24.58	28.69		28.89	0.001834	1.99	51.03	21.84	0.42
Vincio_valle	662	Max WS	TR030_TP06H	53.40	24.42	27.43		27.57	0.001953	1.68	31.81	19.02	0.41
Vincio_valle	662	Max WS	TR200_TP03H	110.91	24.42	28.35		28.57	0.002251	2.08	53.43	25.47	0.46
Vincio_valle	661.99		Lat Struct										
Vincio_valle	661.98		Lat Struct										
Vincio_valle	479.00*	Max WS	TR030_TP06H	55.05	23.86	27.09		27.22	0.001747	1.65	33.33	18.42	0.39
Vincio_valle	479.00*	Max WS	TR200_TP03H	103.04	23.86	28.04		28.24	0.001674	1.97	52.21	20.46	0.39
Vincio_valle	296.00*	Max WS	TR030_TP06H	56.68	23.29	26.80		26.92	0.001451	1.56	36.32	18.76	0.36
Vincio_valle	296.00*	Max WS	TR200_TP03H	114.85	23.29	27.58		27.82	0.002246	2.20	52.25	22.33	0.46
Vincio_valle	295.99		Lat Struct										
Vincio_valle	295.98		Lat Struct										
Vincio_valle	150	Max WS	TR030_TP06H	58.32	22.73	26.56		26.67	0.001155	1.45	40.15	19.15	0.32
Vincio_valle	150	Max WS	TR200_TP03H	118.38	22.73	27.06		27.34	0.002687	2.35	50.28	21.95	0.50
Vincio_valle	149.99		Lat Struct										
Vincio_valle	149.98		Lat Struct										
Vincio_valle	113	Max WS	TR030_TP06H	57.66	22.28	26.30	24.76	26.39	0.001000	1.38	41.88	19.13	0.30
Vincio_valle	113	Max WS	TR200_TP03H	80.32	22.28	26.85	25.08	26.97	0.001000	1.52	52.92	20.24	0.30