



VARIANTE AL PIANO STRUTTURALE

Articolo 92 L.R. 65/2014

INDAGINI IDRAULICHE

Articolo 104 L.R. 65/2014

COMUNE DI IMPRUNETA

Sindaco

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Arch. Teresa ARRIGHETTI

Valutazione Ambientale Strategica

Arch. Annalisa PIRRELLO

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GeoEco Progetti - Dott. Geol. Gabriele GRANDINI

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Dott.ssa Agronomo Elena LANZI

Aspetti Archeologici

Dott.ssa Archeologo Rossella COLOMBI

Aspetti Giuridici

Avv. Maria Giulia GIANNONI

Collaboratori

Arch. Lucia NINNO - VAS

Pian. Terr. Lorenzo ZOPPI - Urbanistica

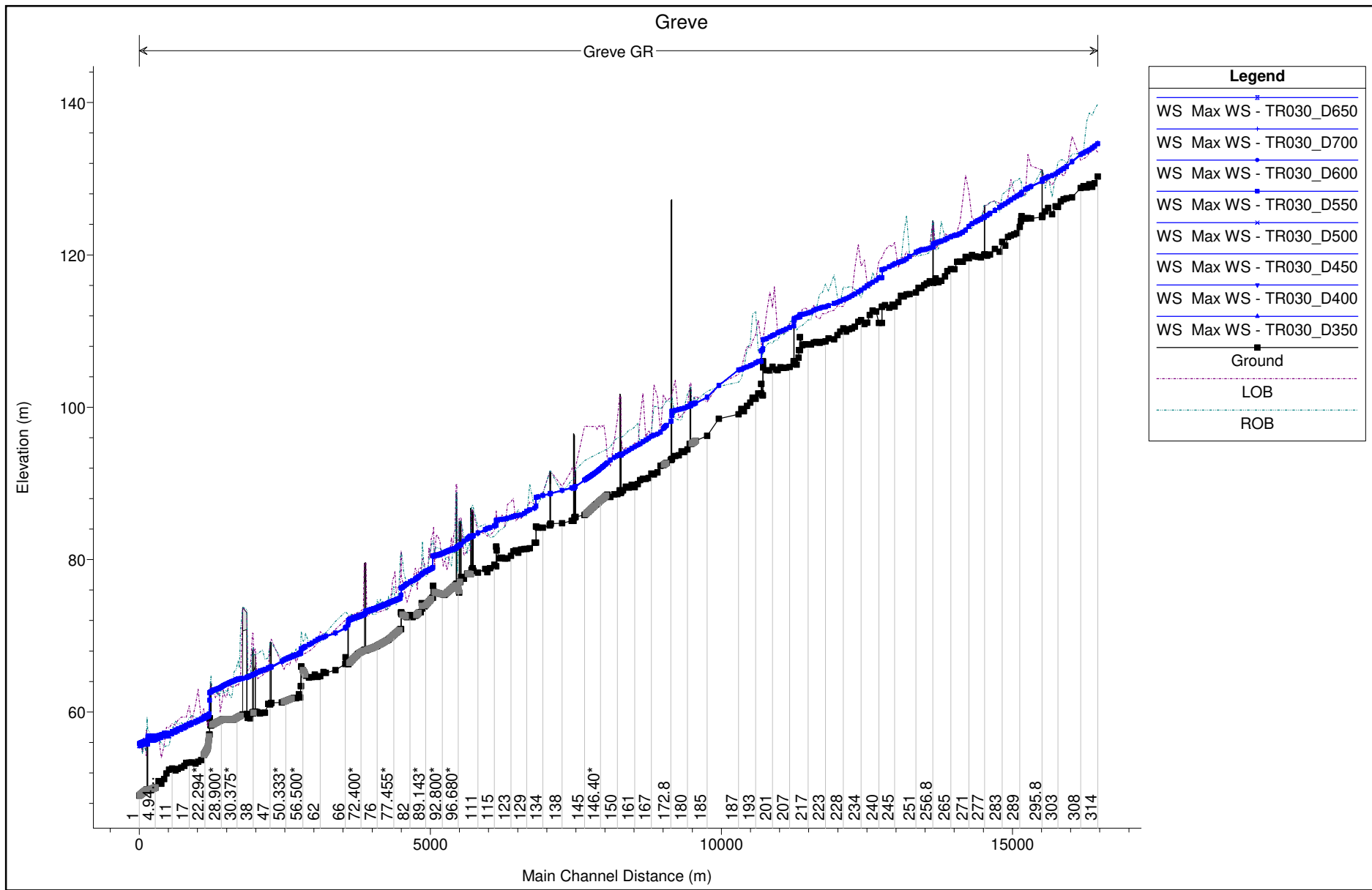
Dott.ssa Geol. Veronica VALERIANI - GeoEco Progetti

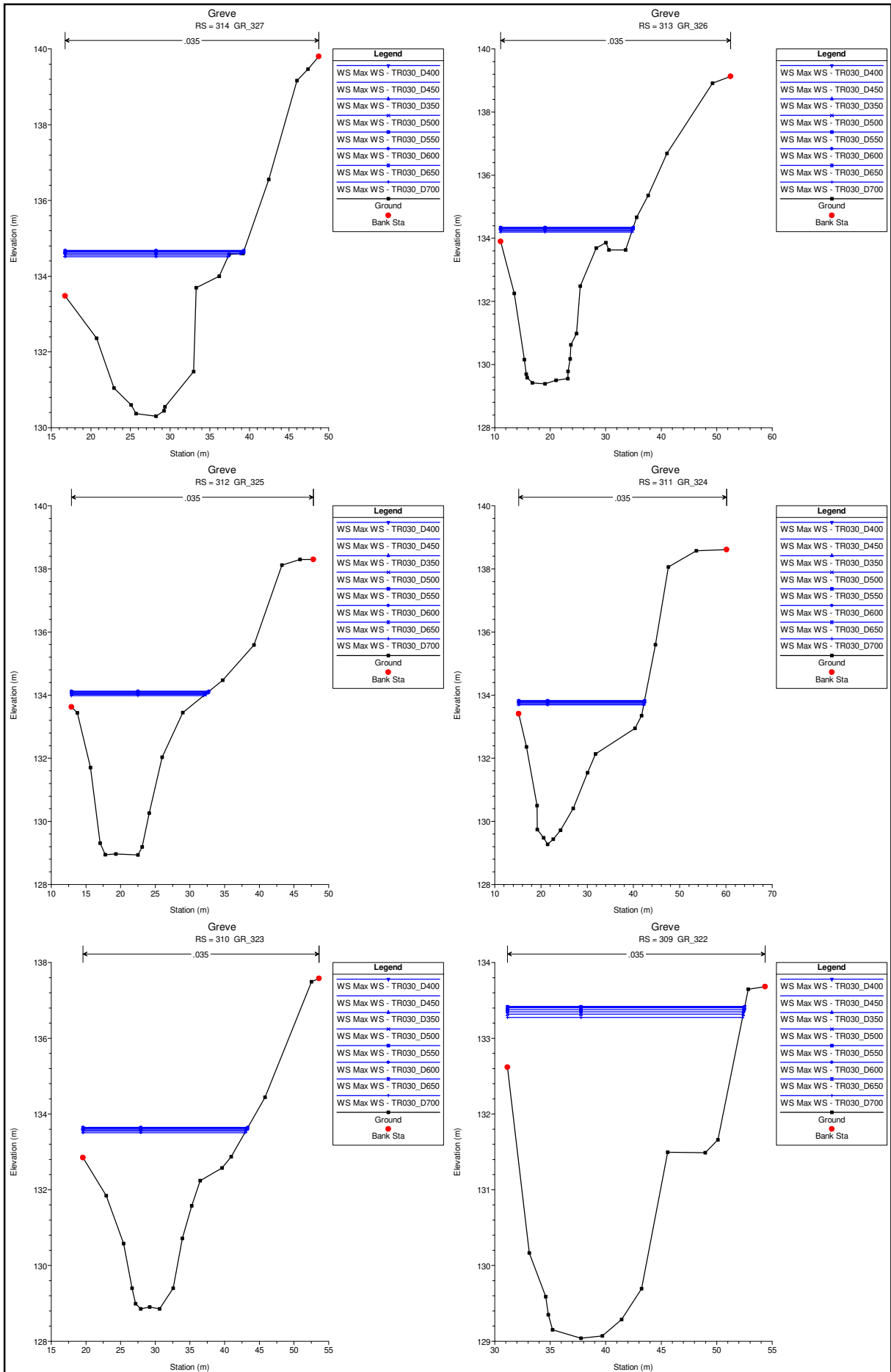
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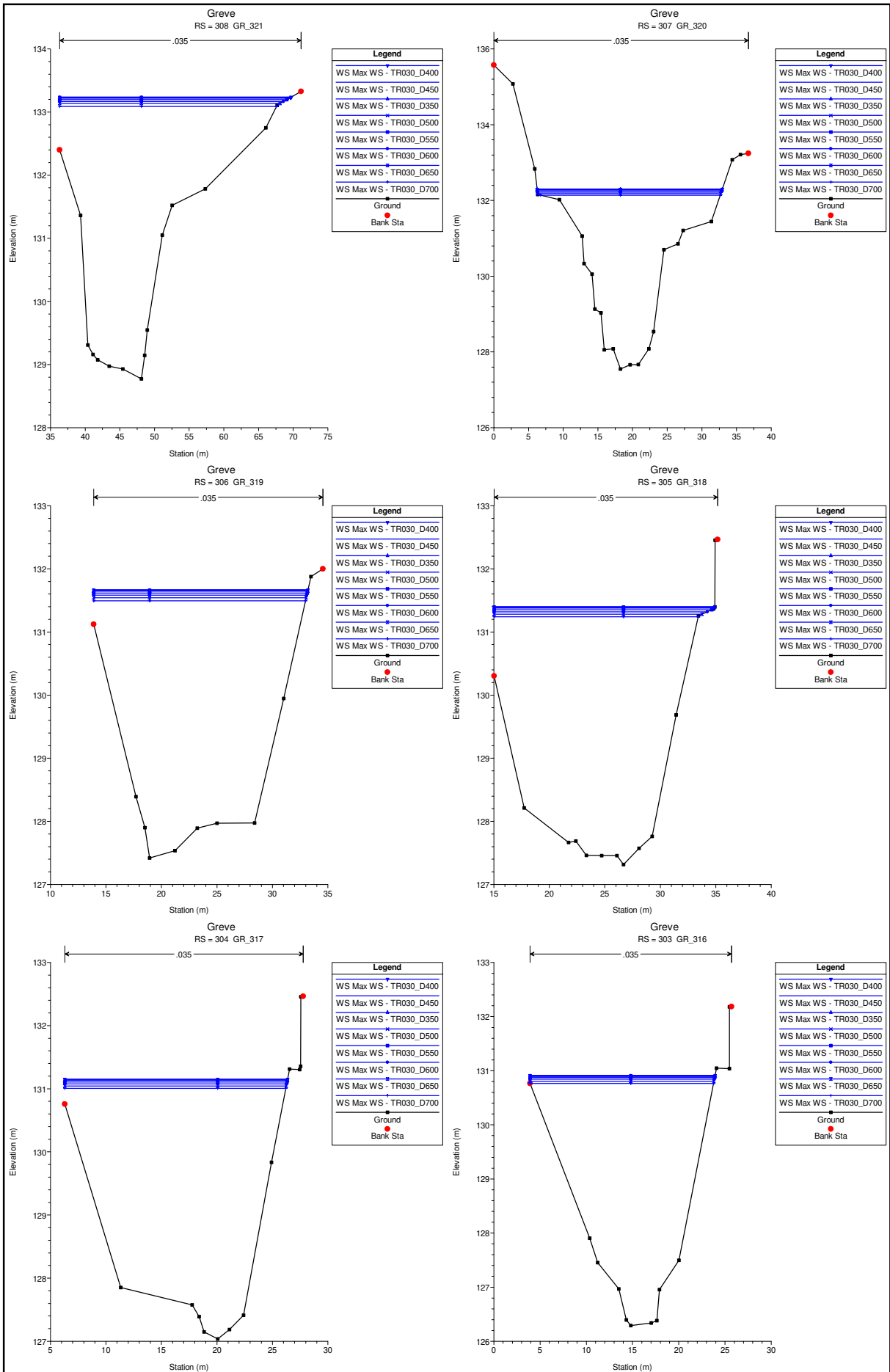
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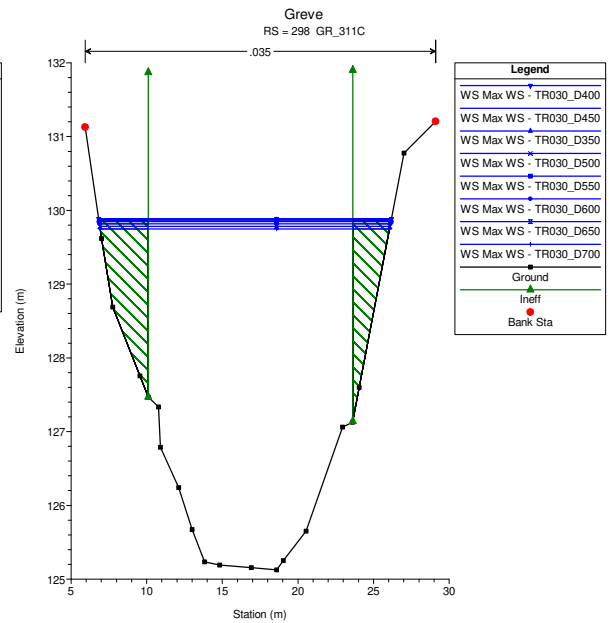
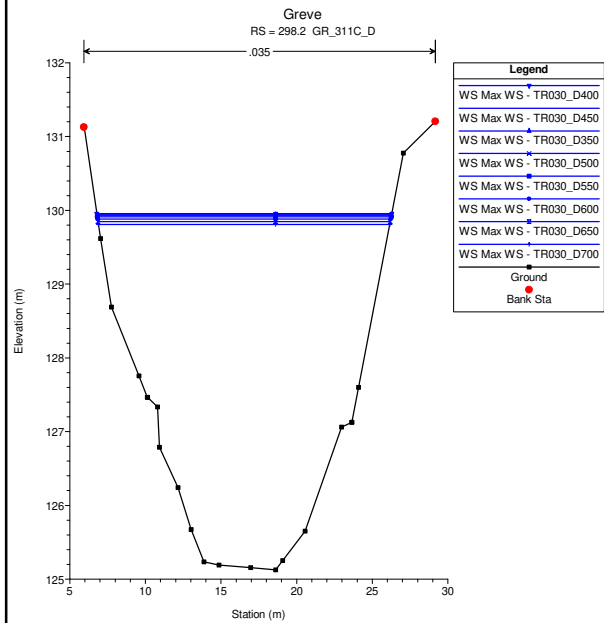
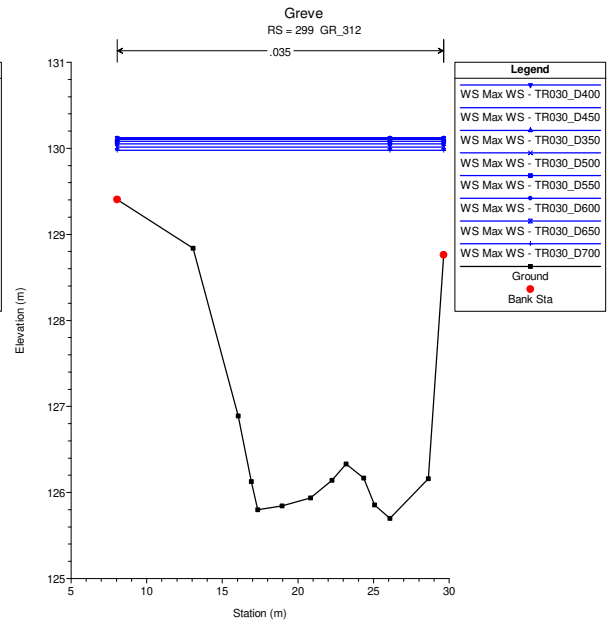
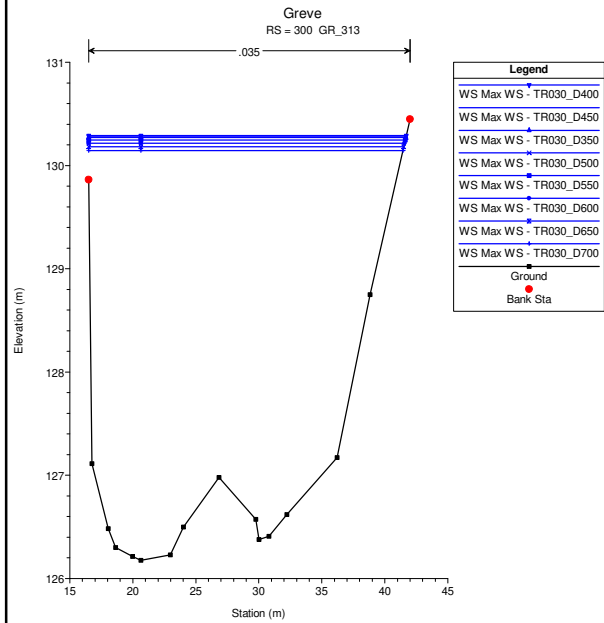
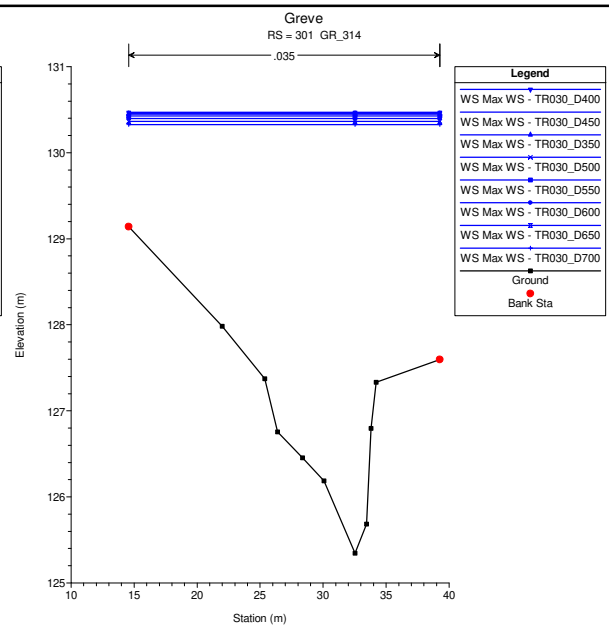
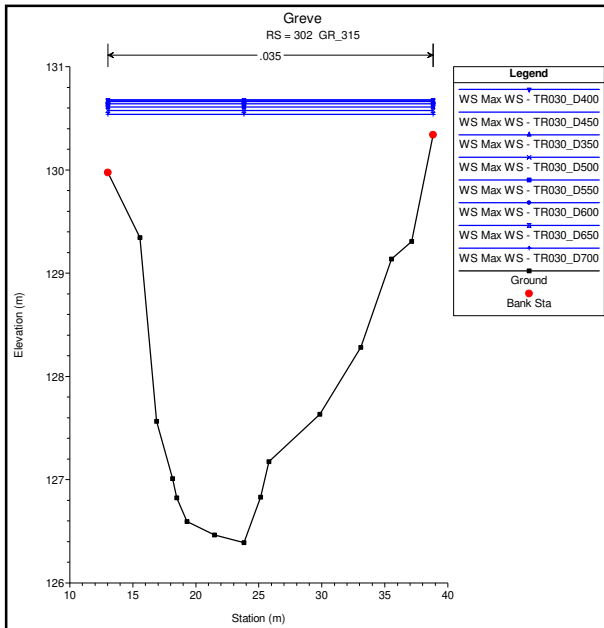
**Febbraio
2022**

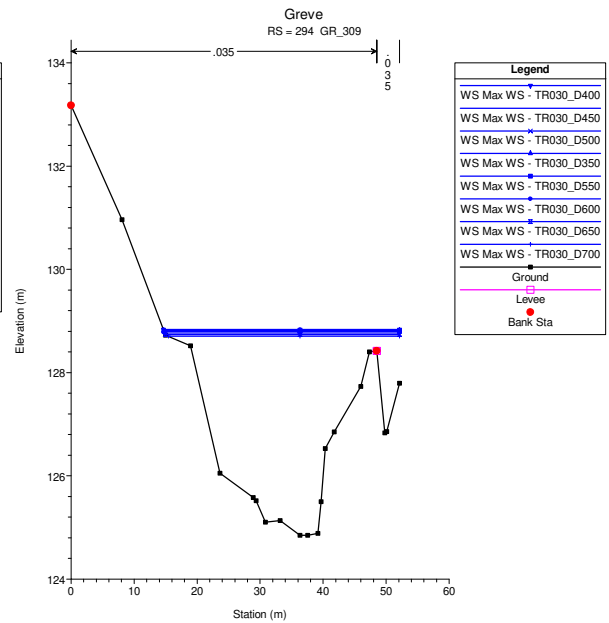
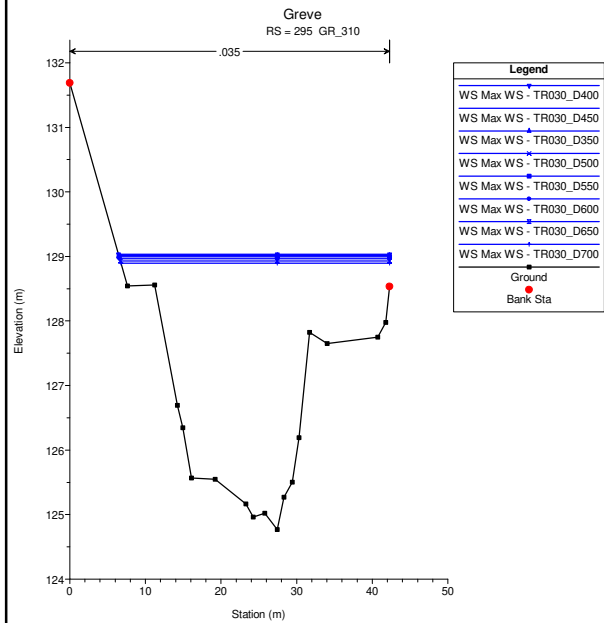
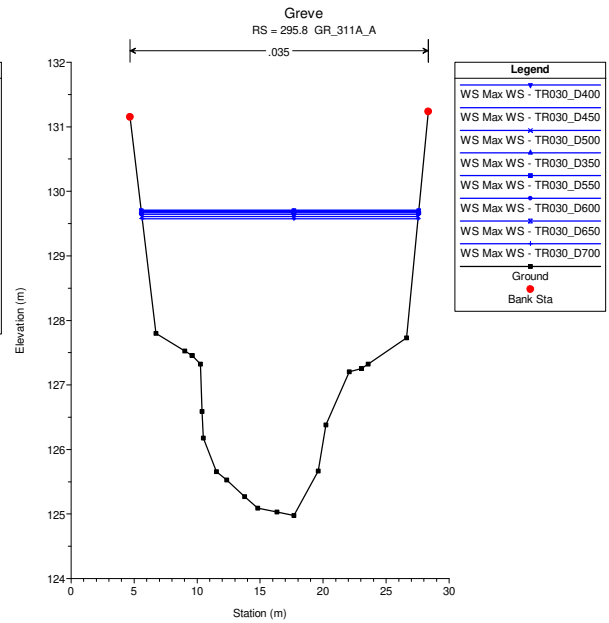
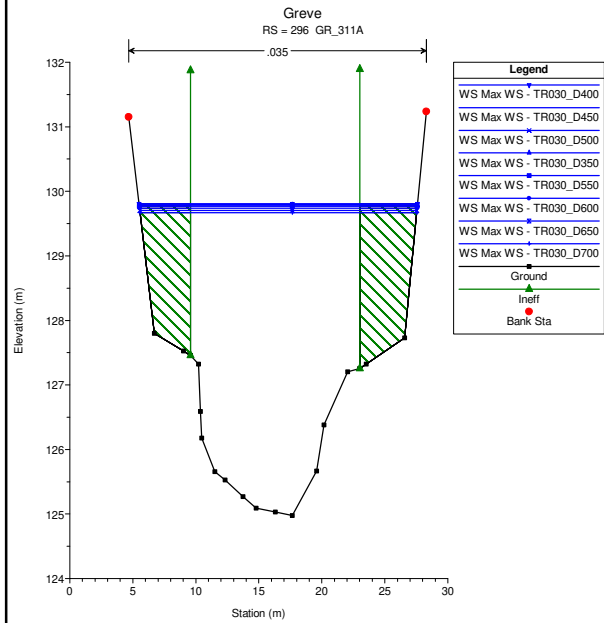
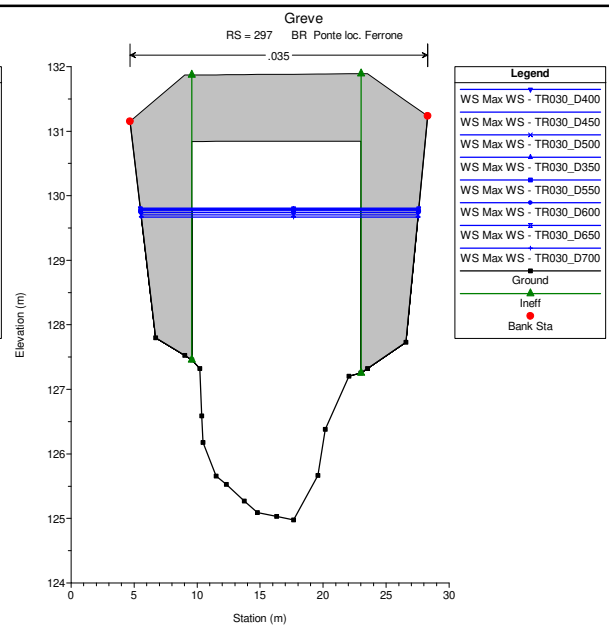
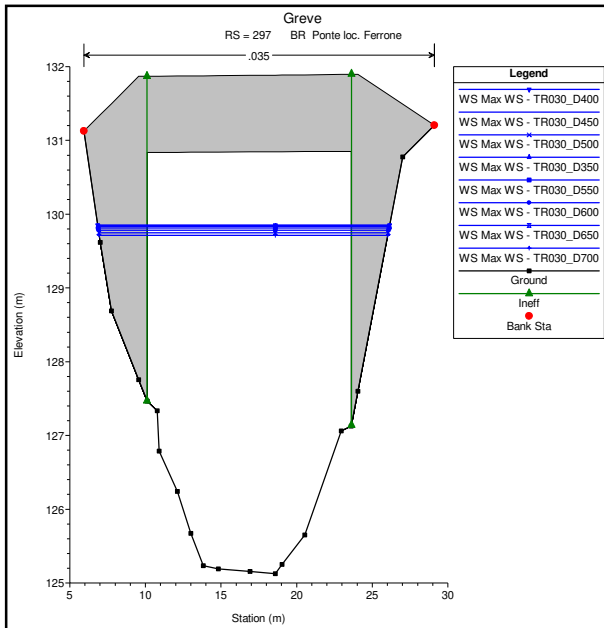
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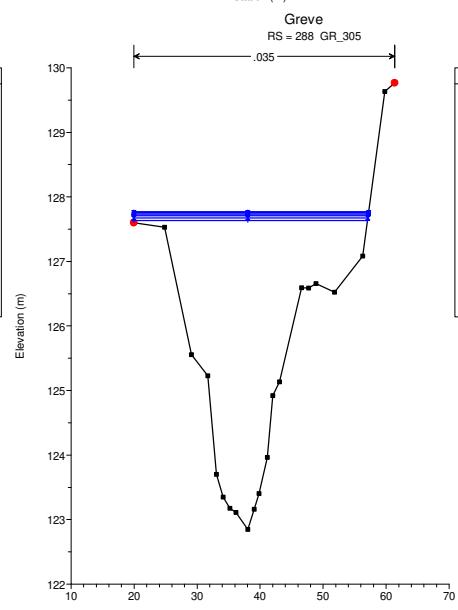
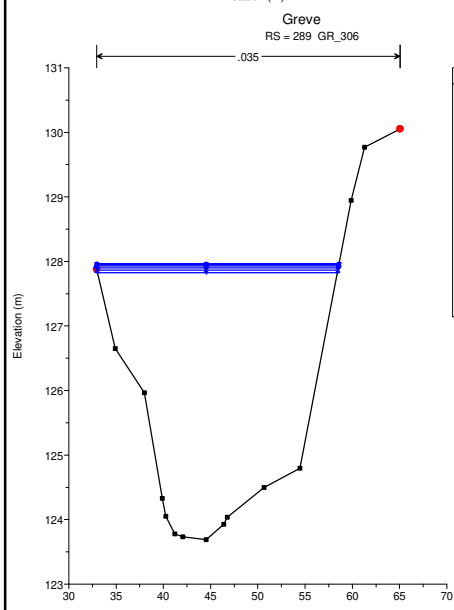
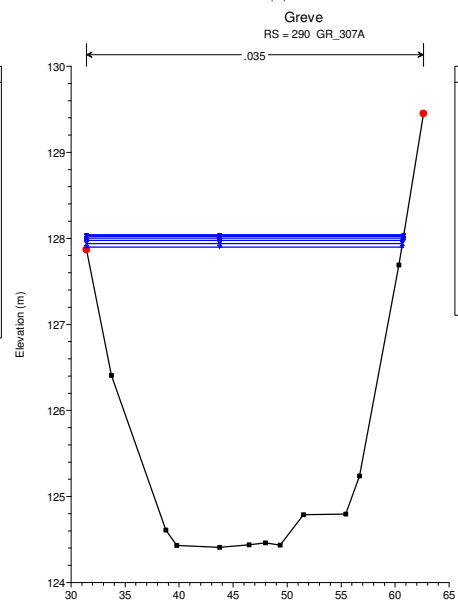
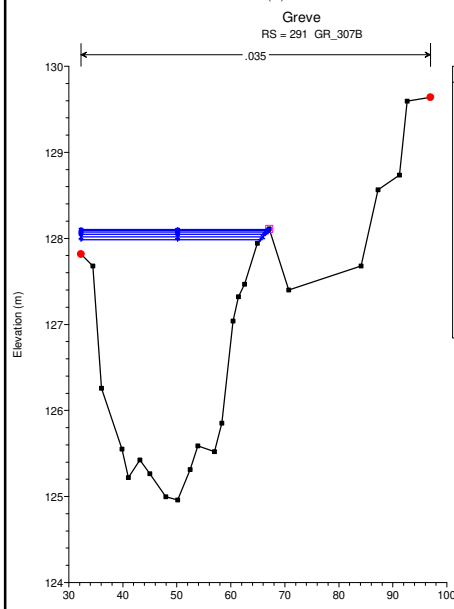
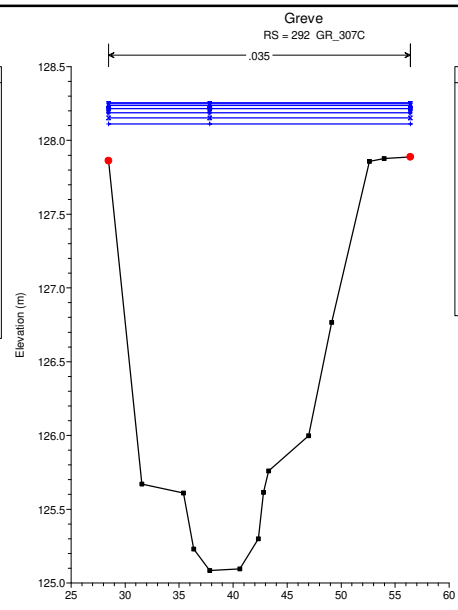
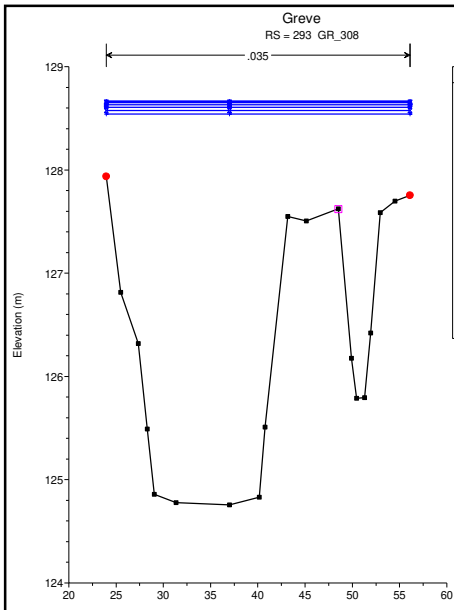


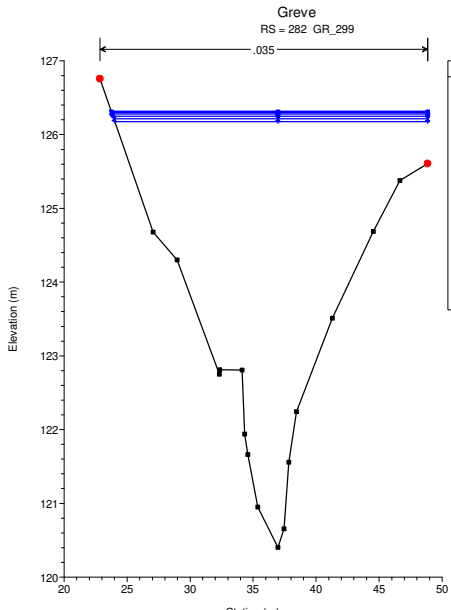
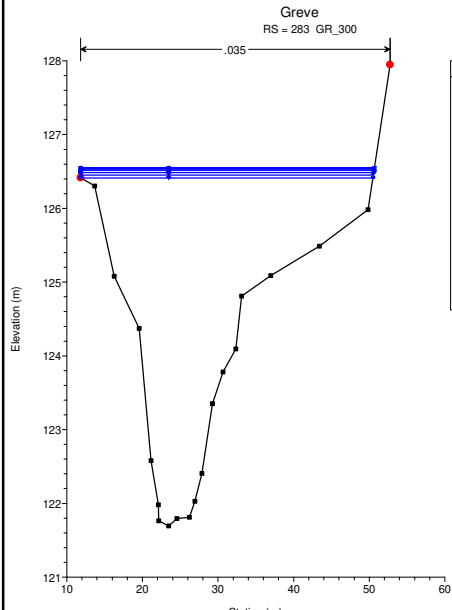
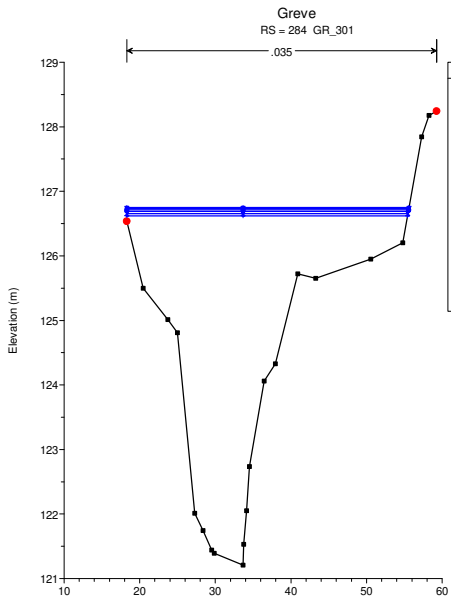
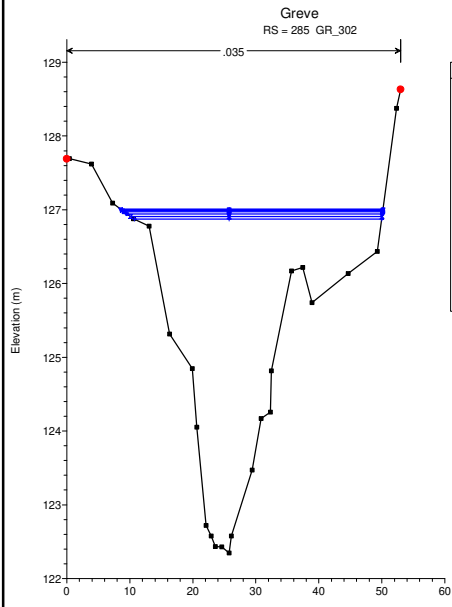
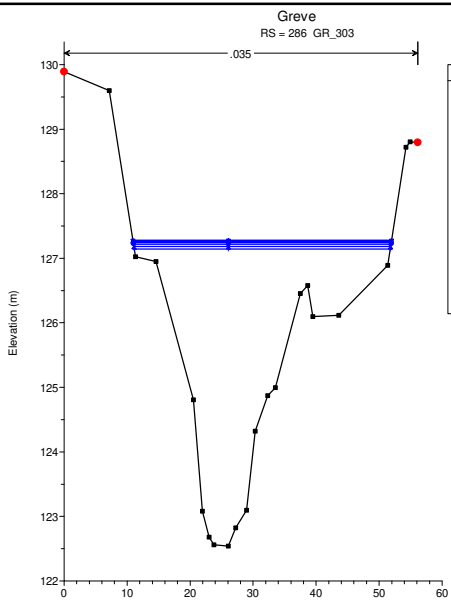
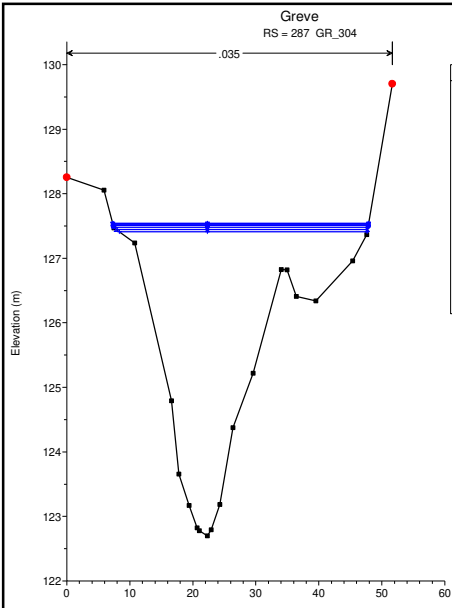


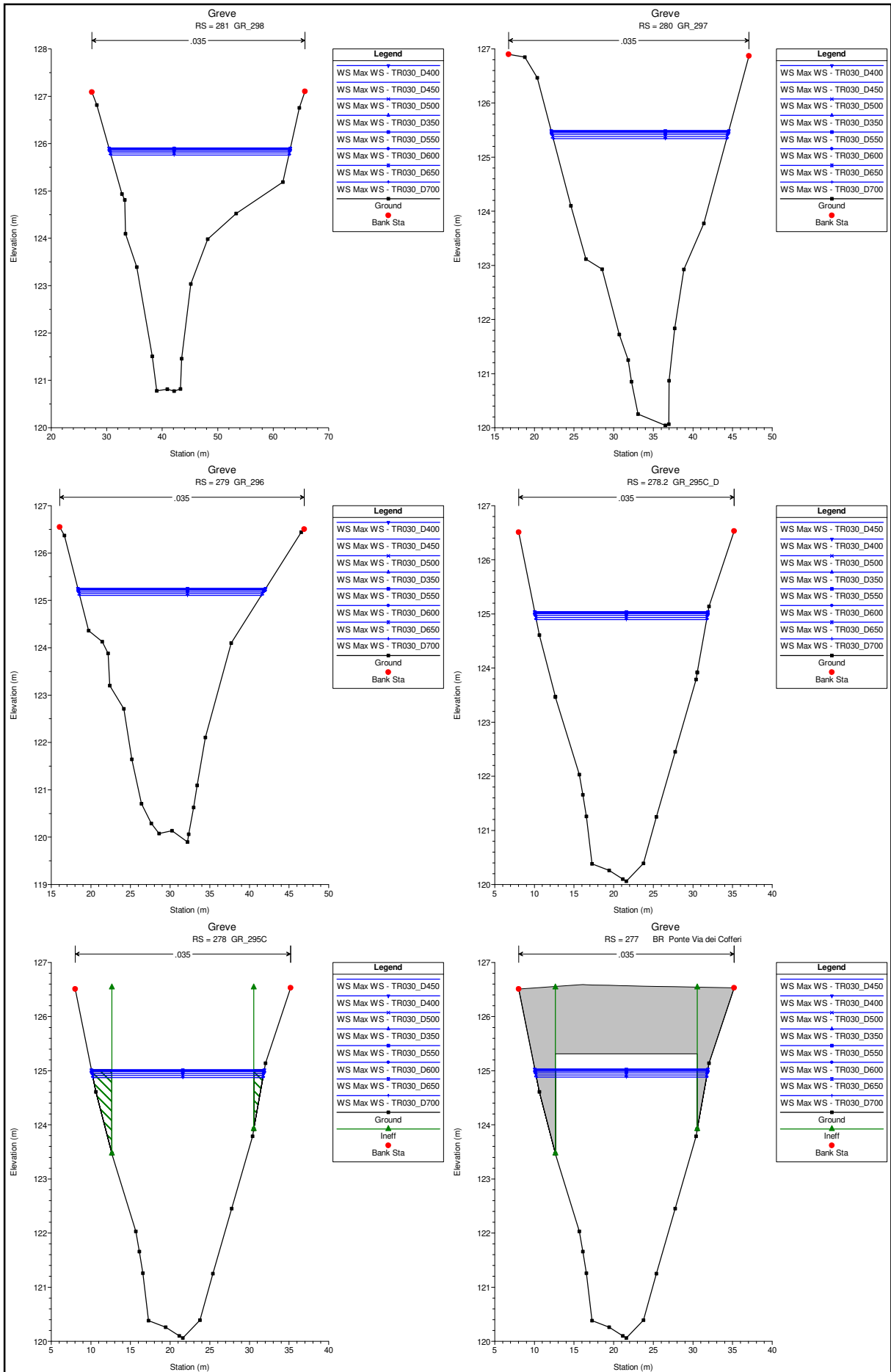


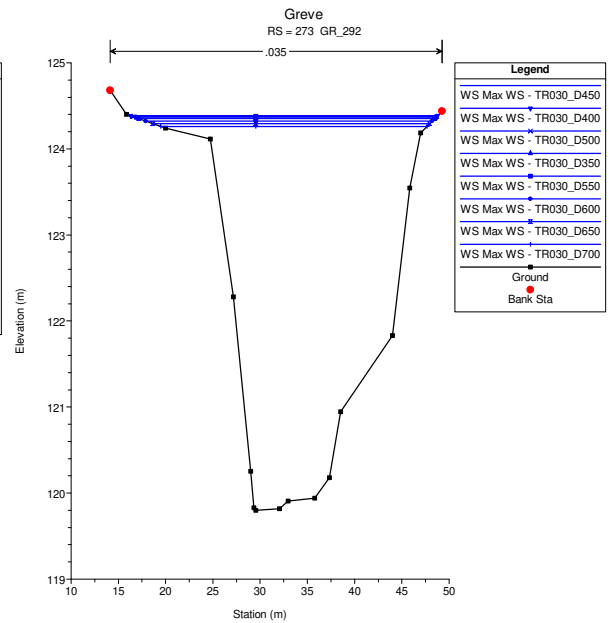
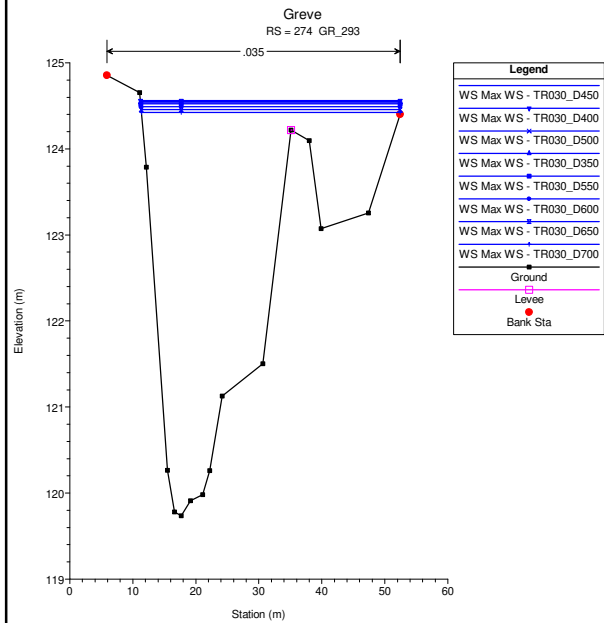
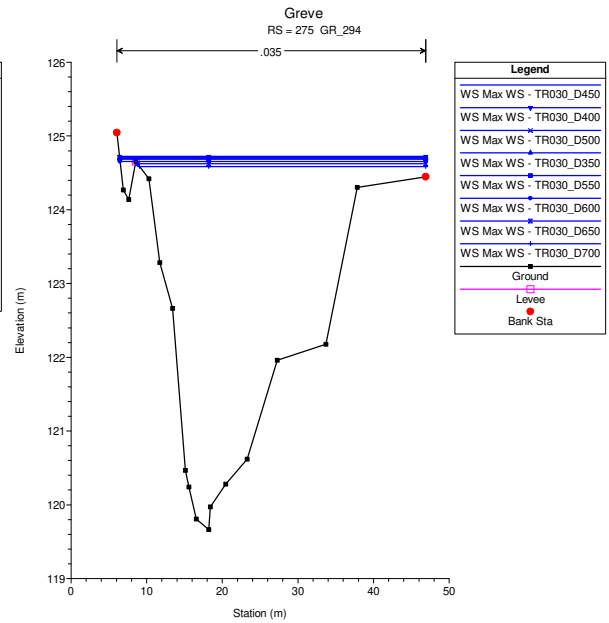
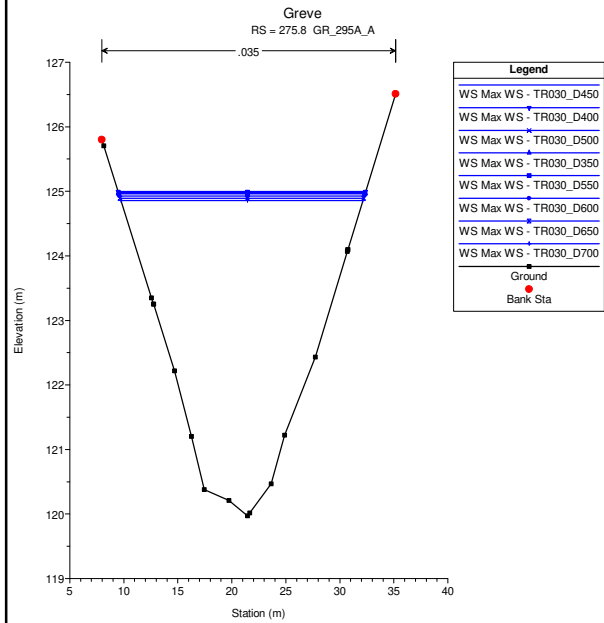
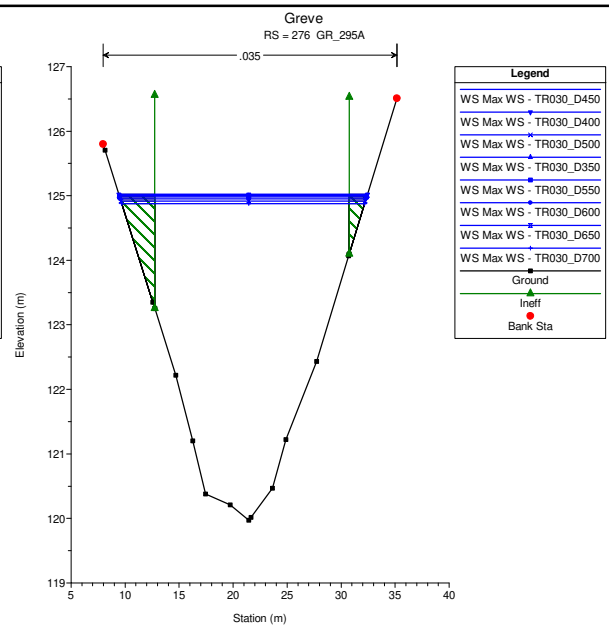
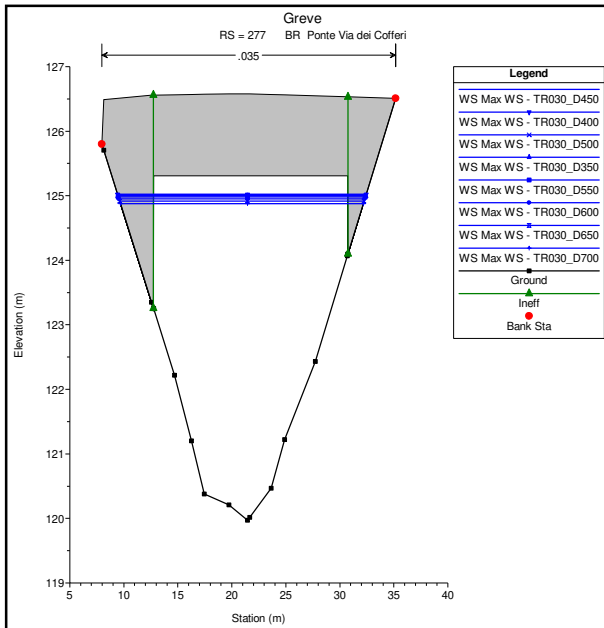


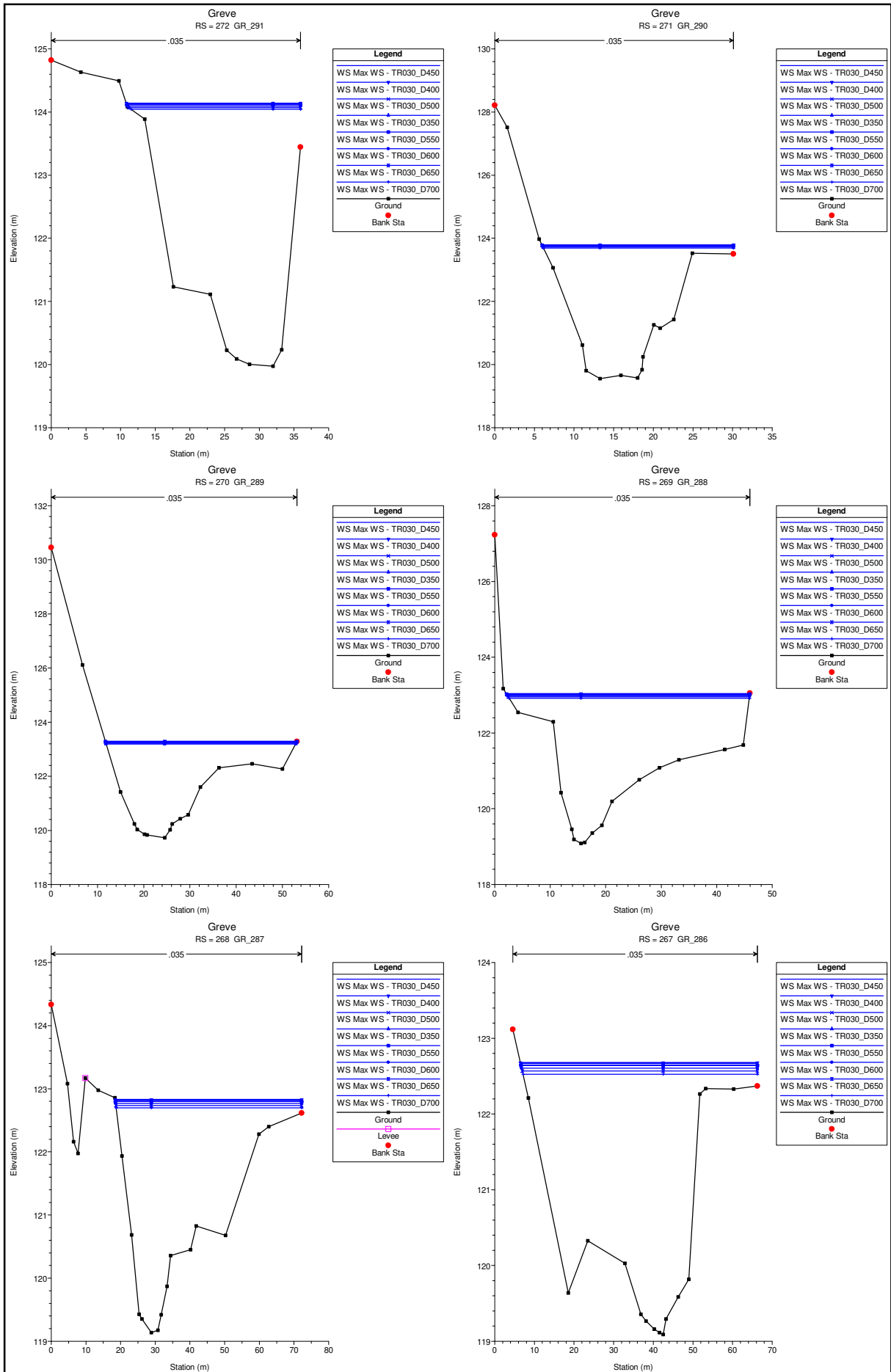


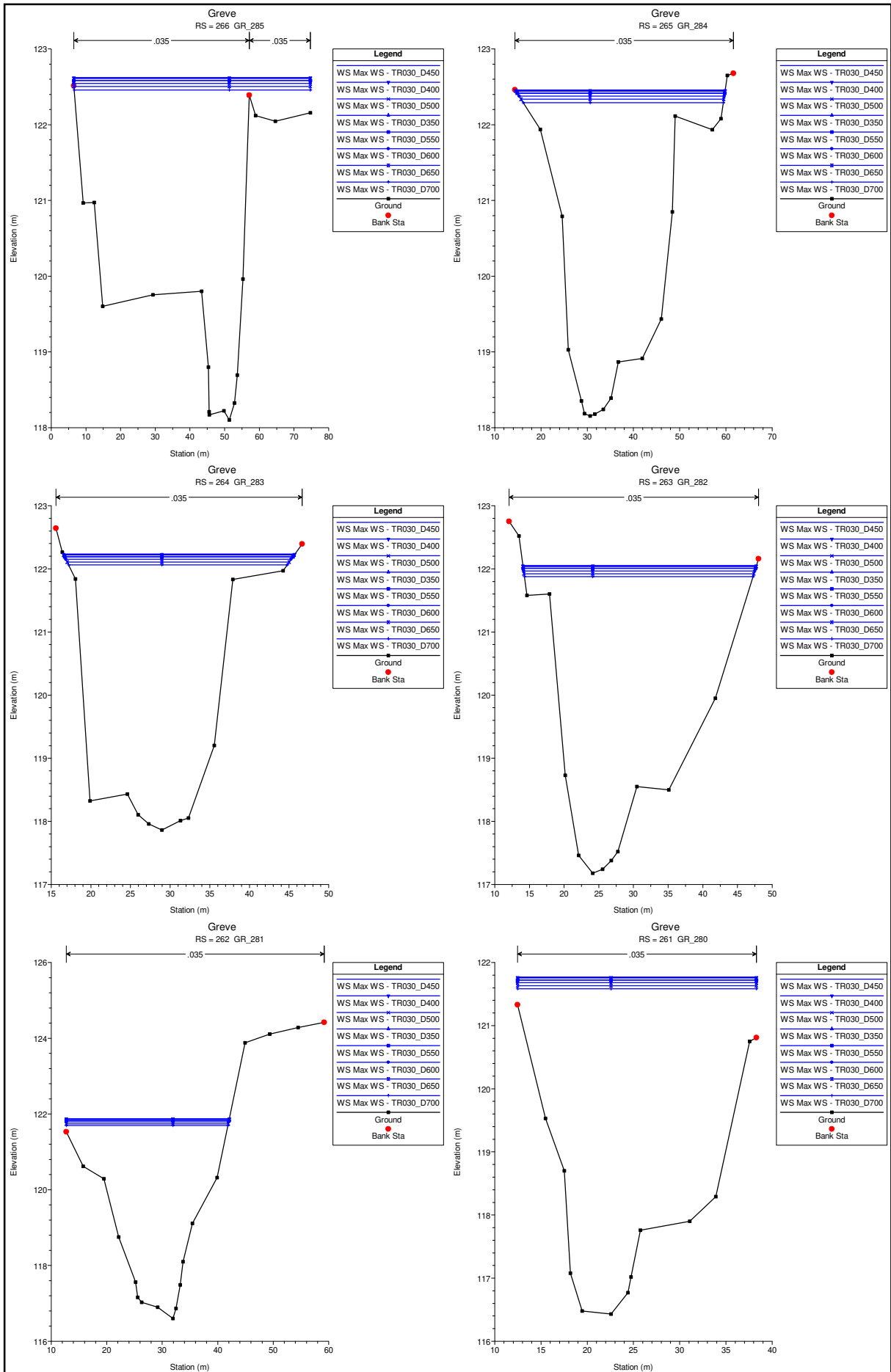


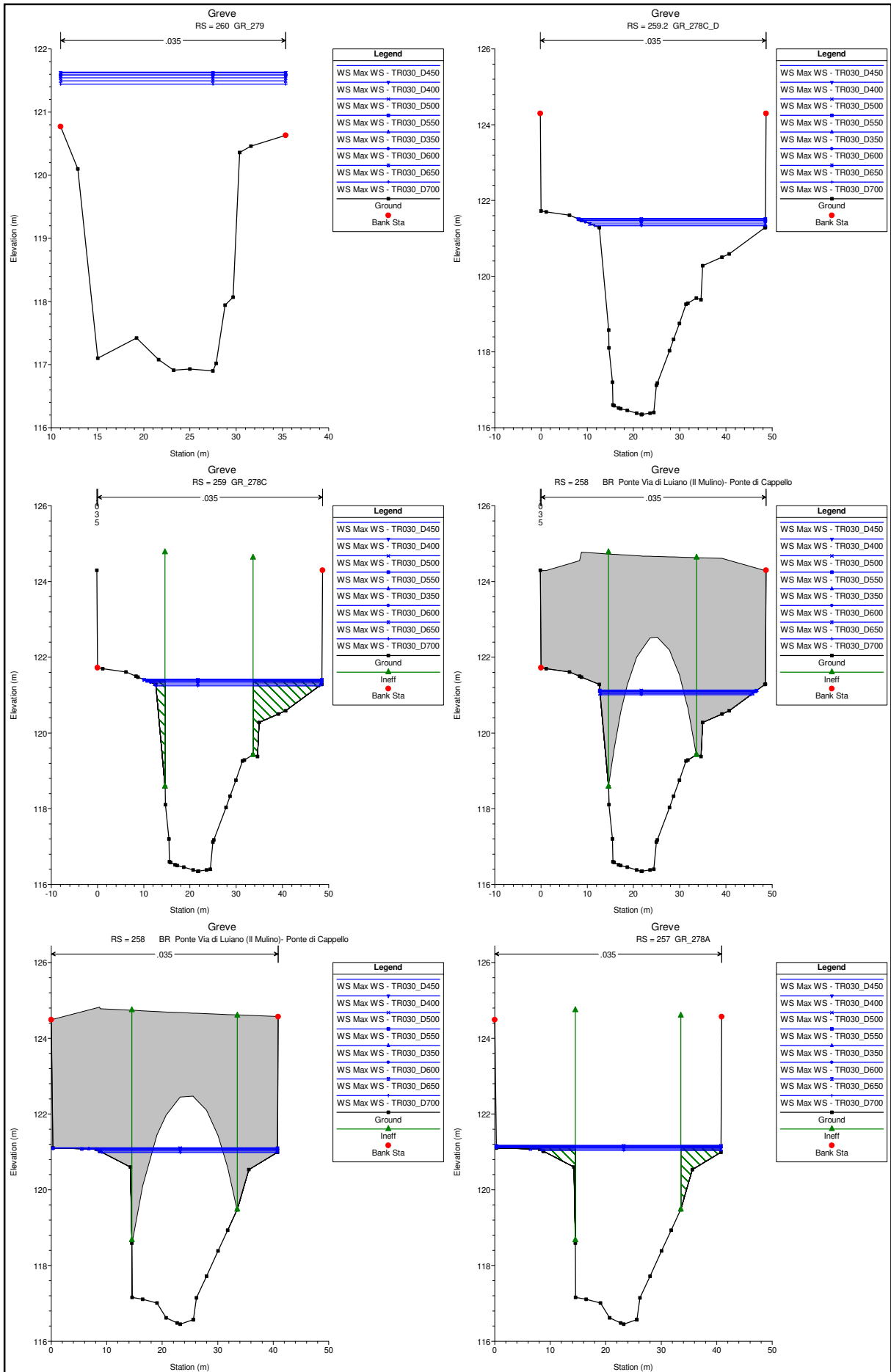


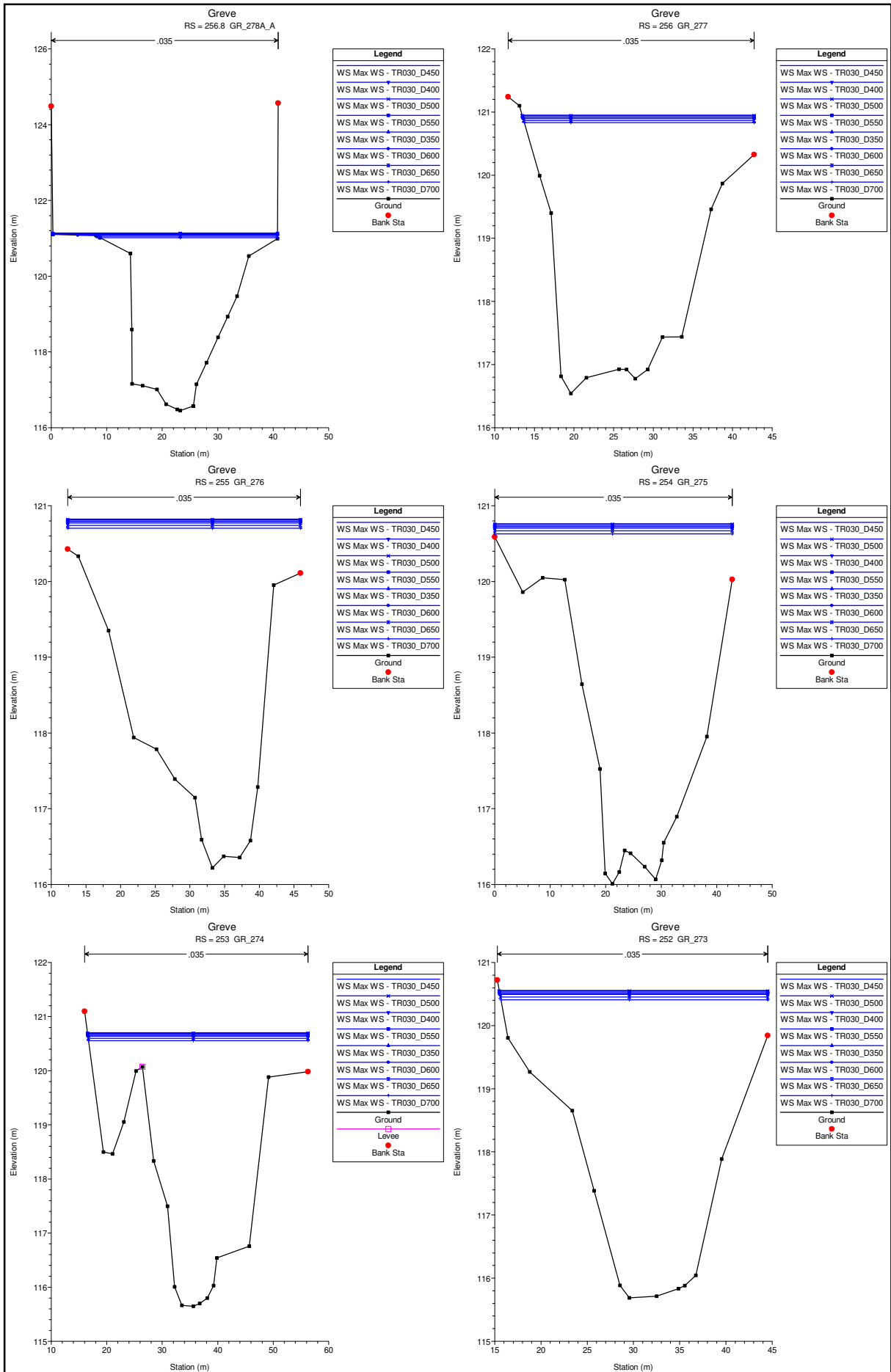


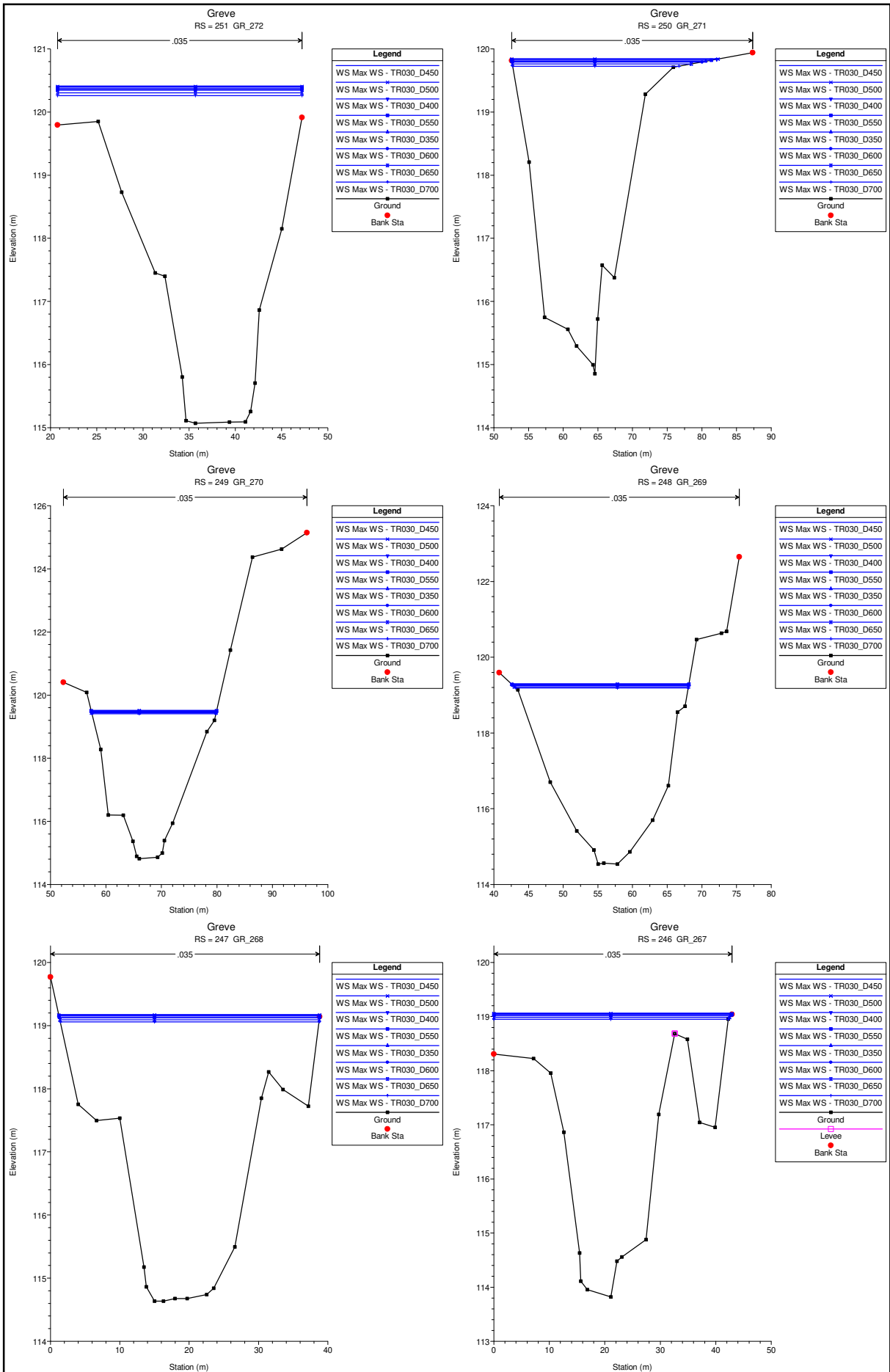


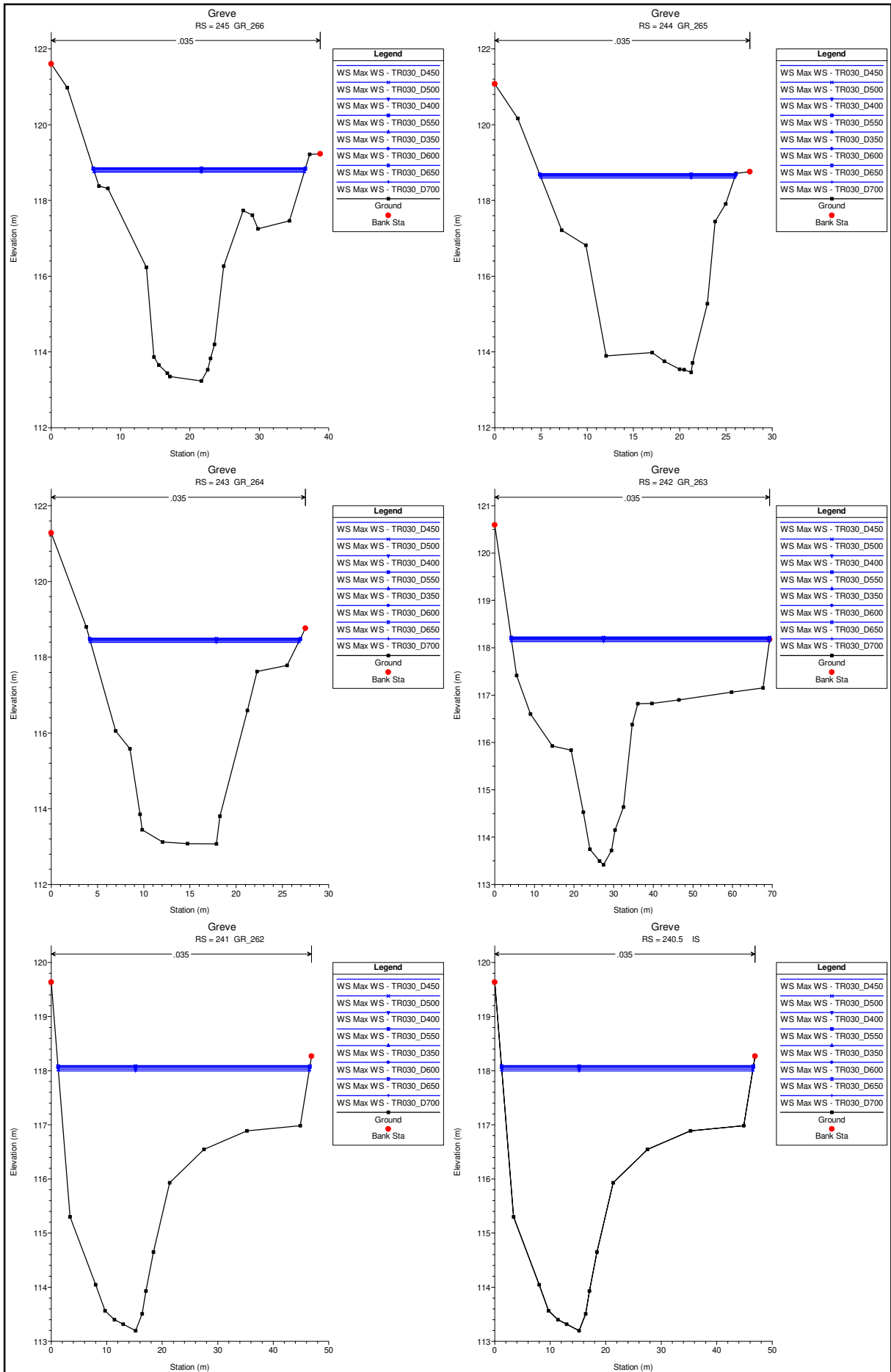


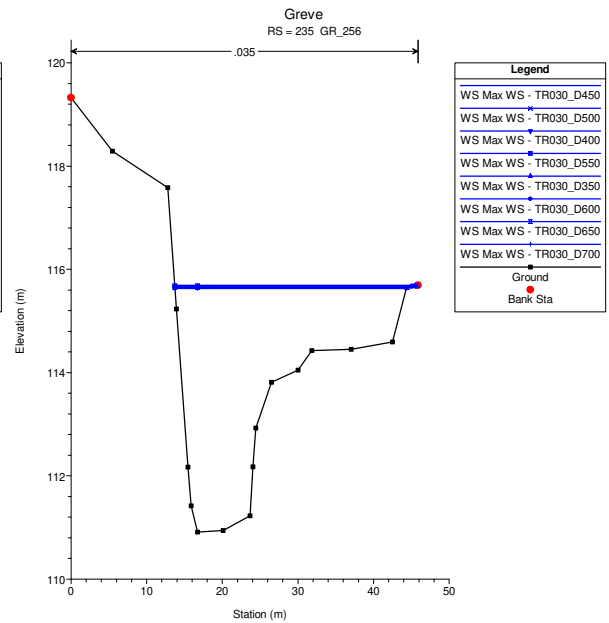
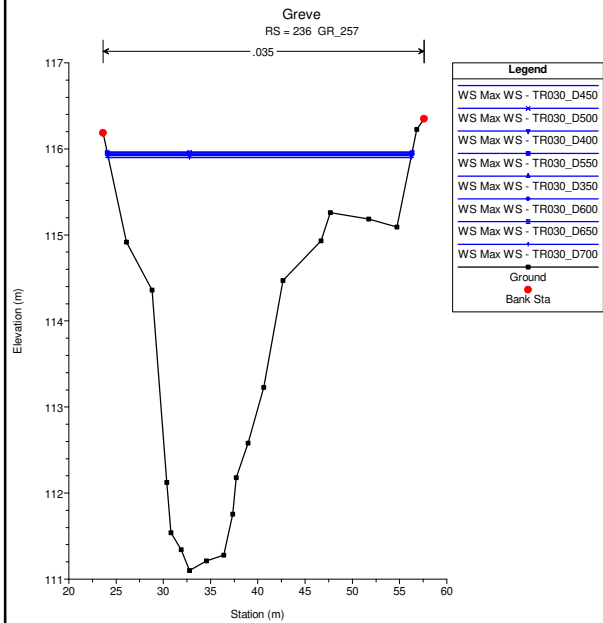
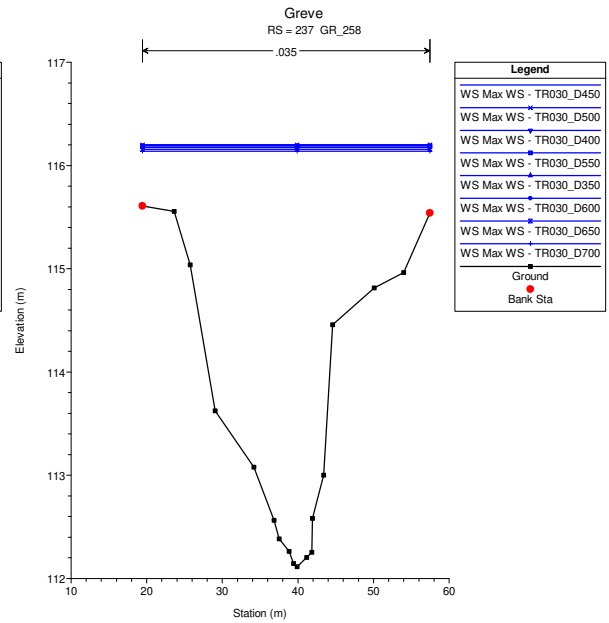
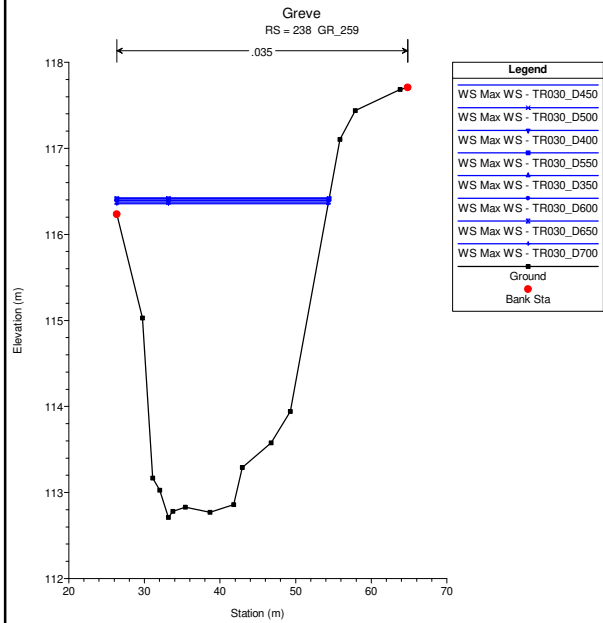
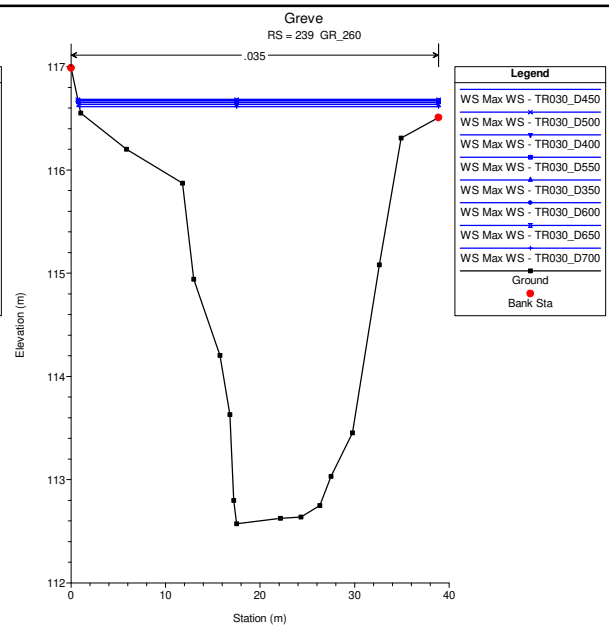
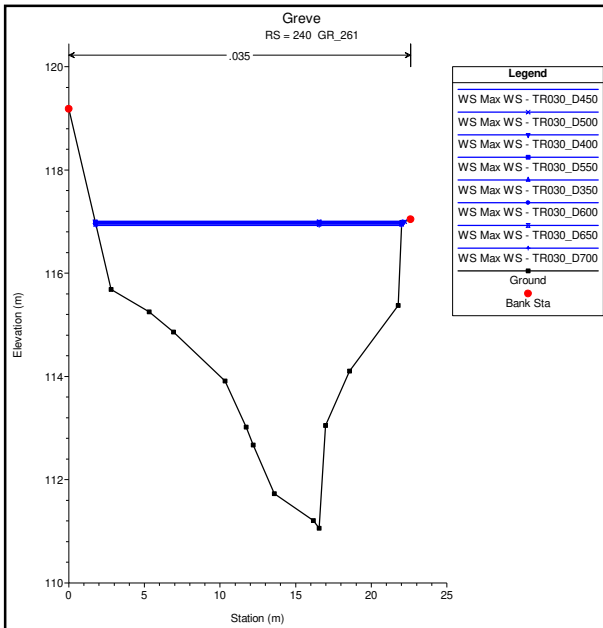


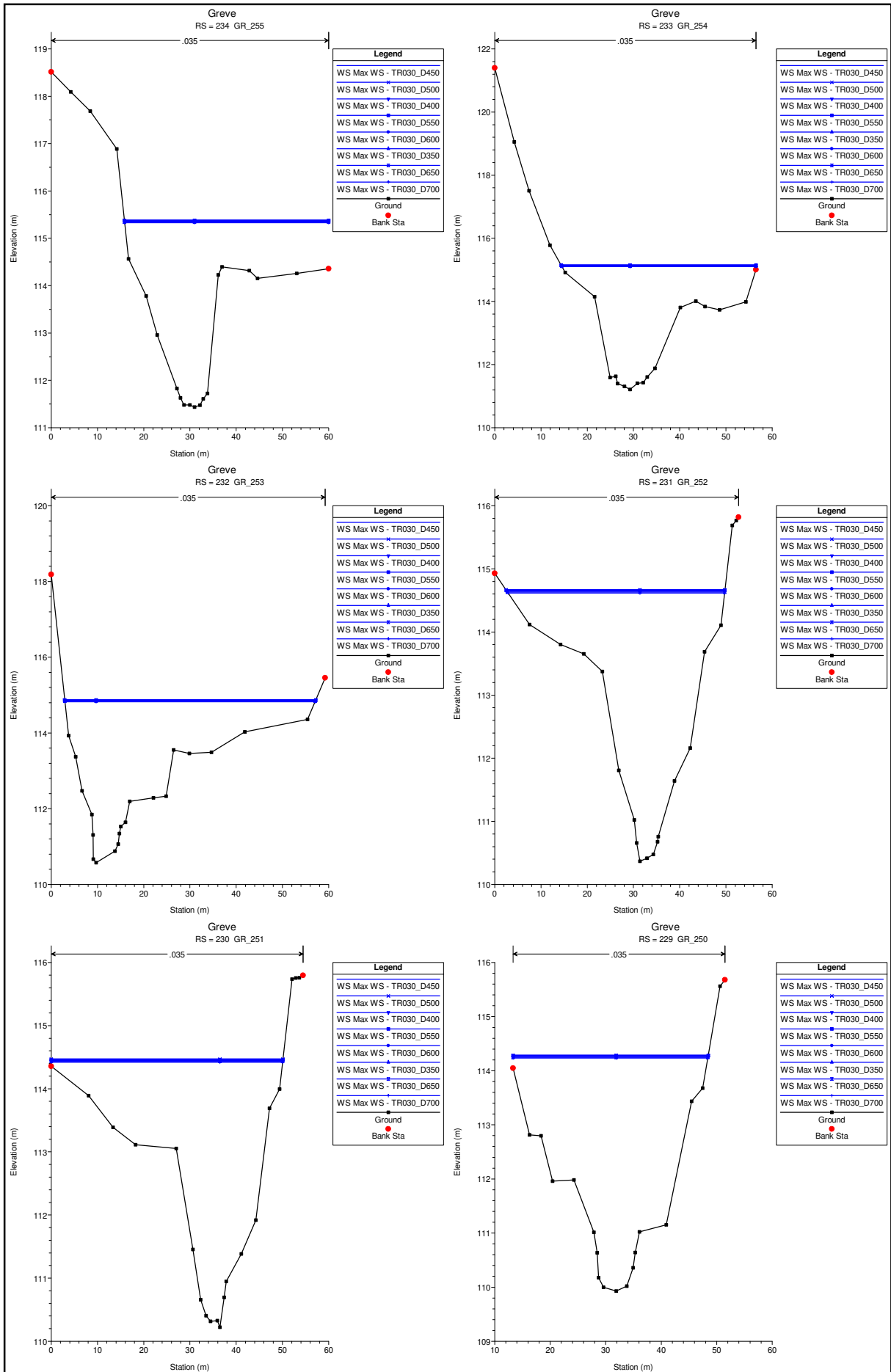


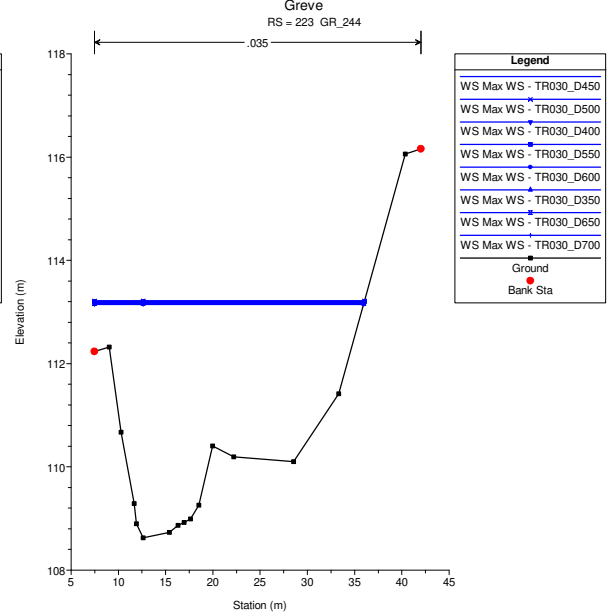
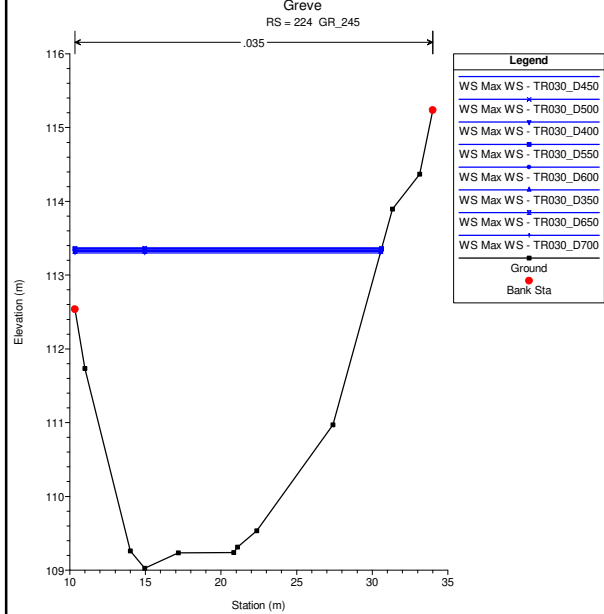
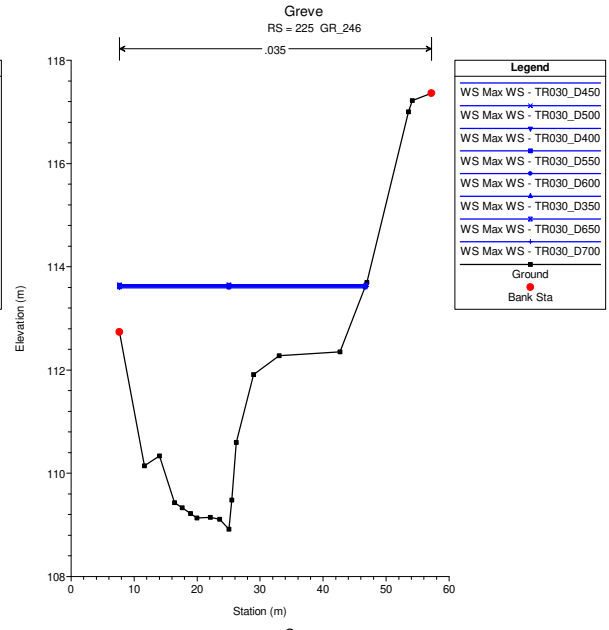
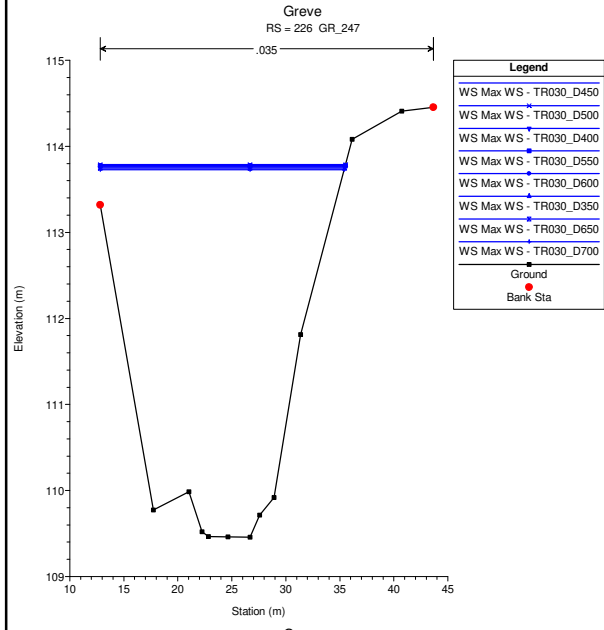
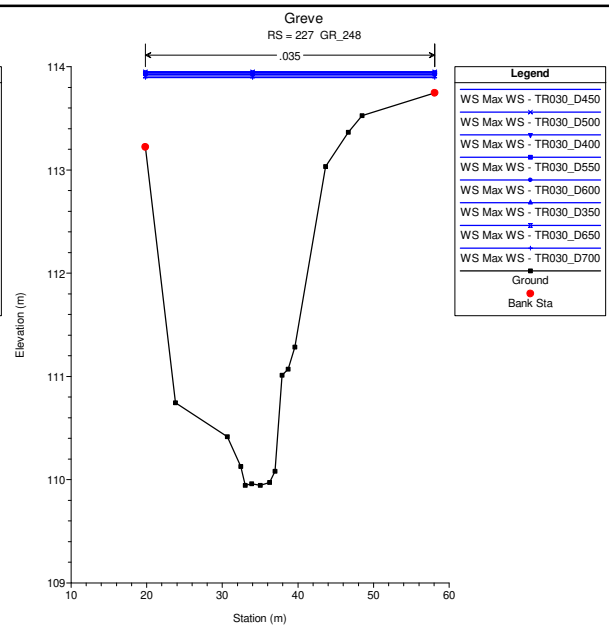
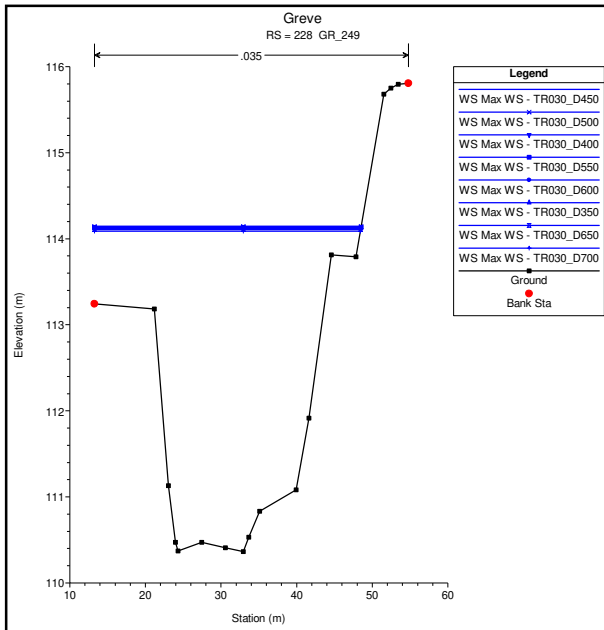


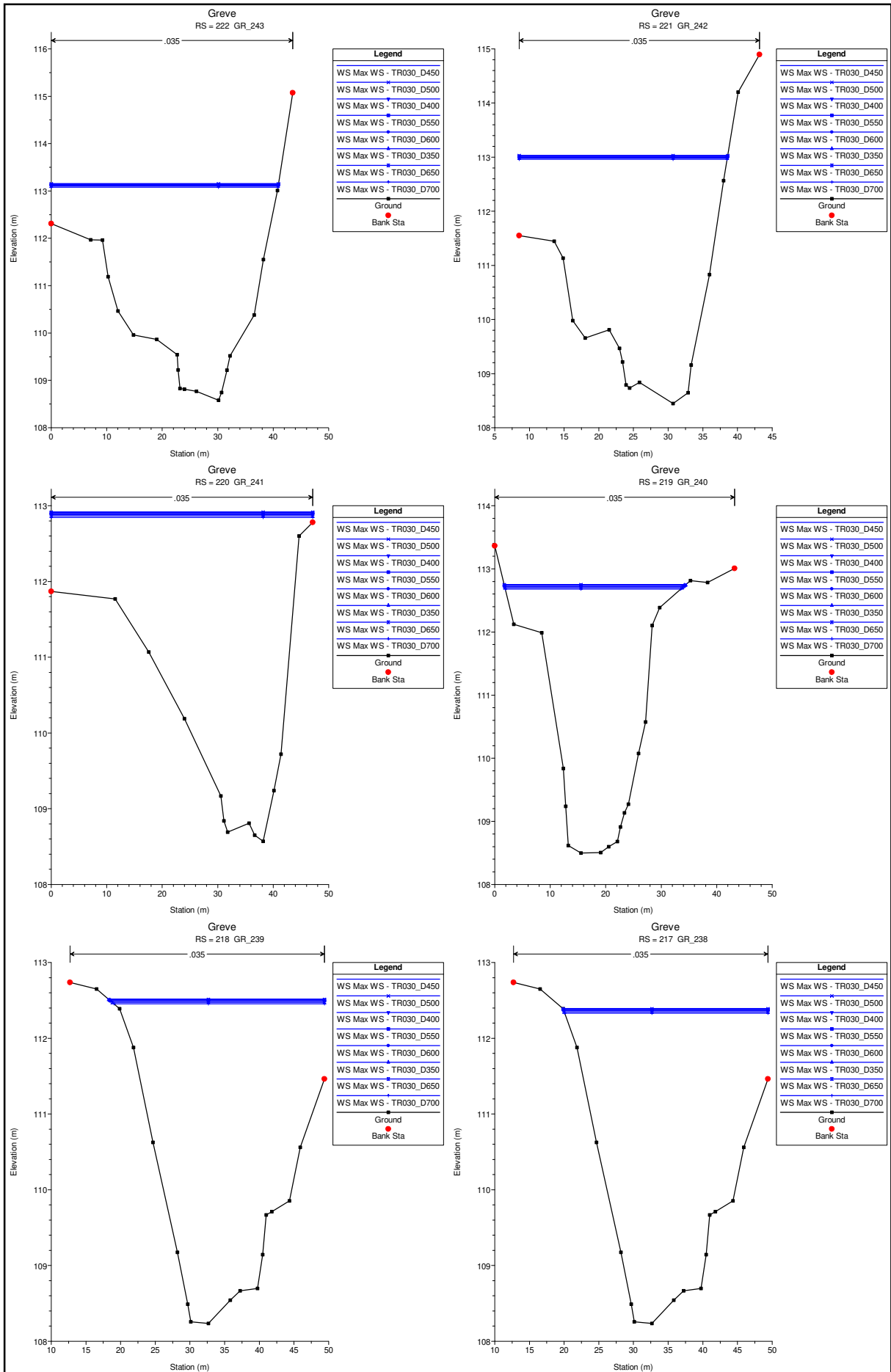


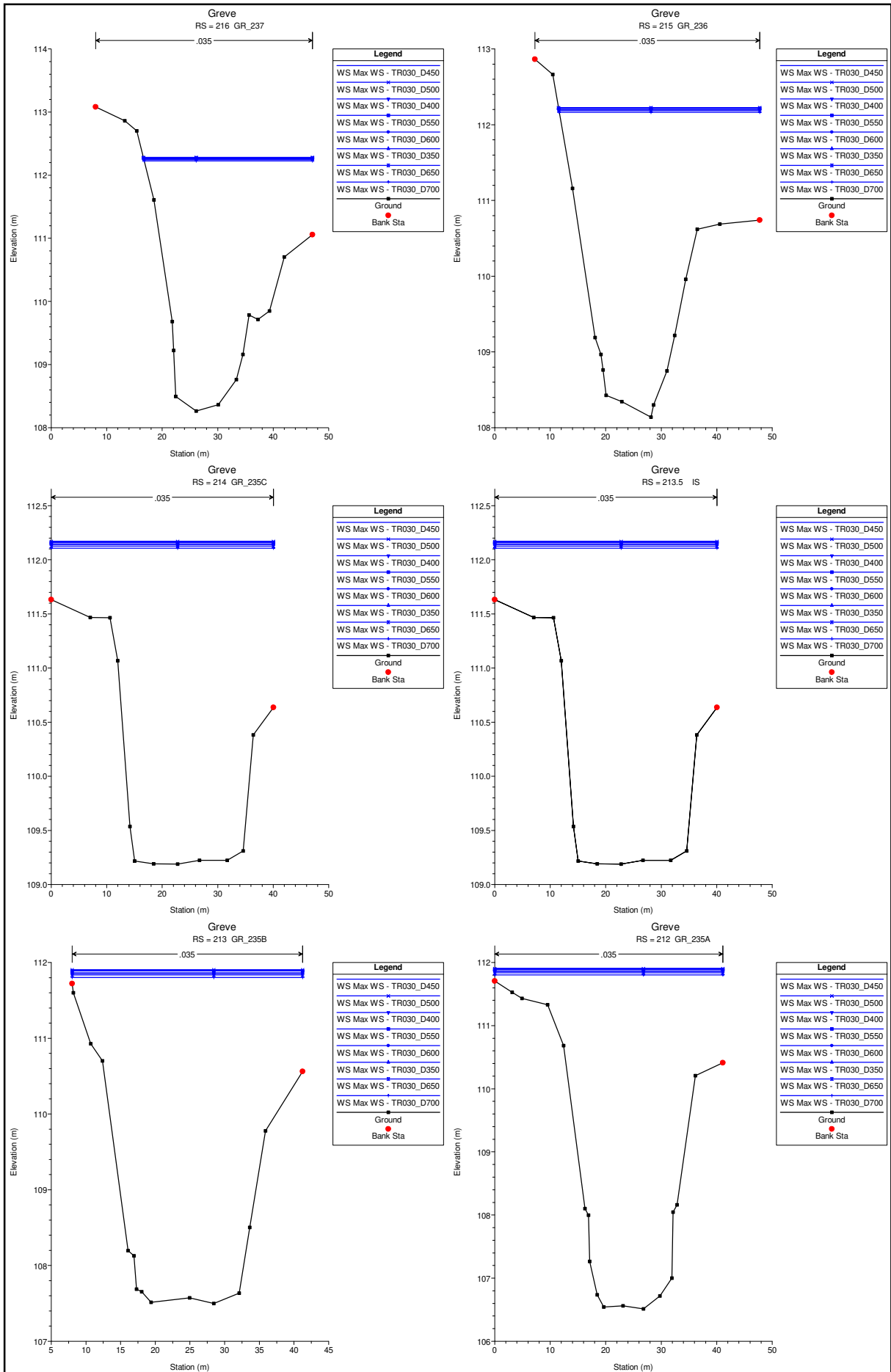


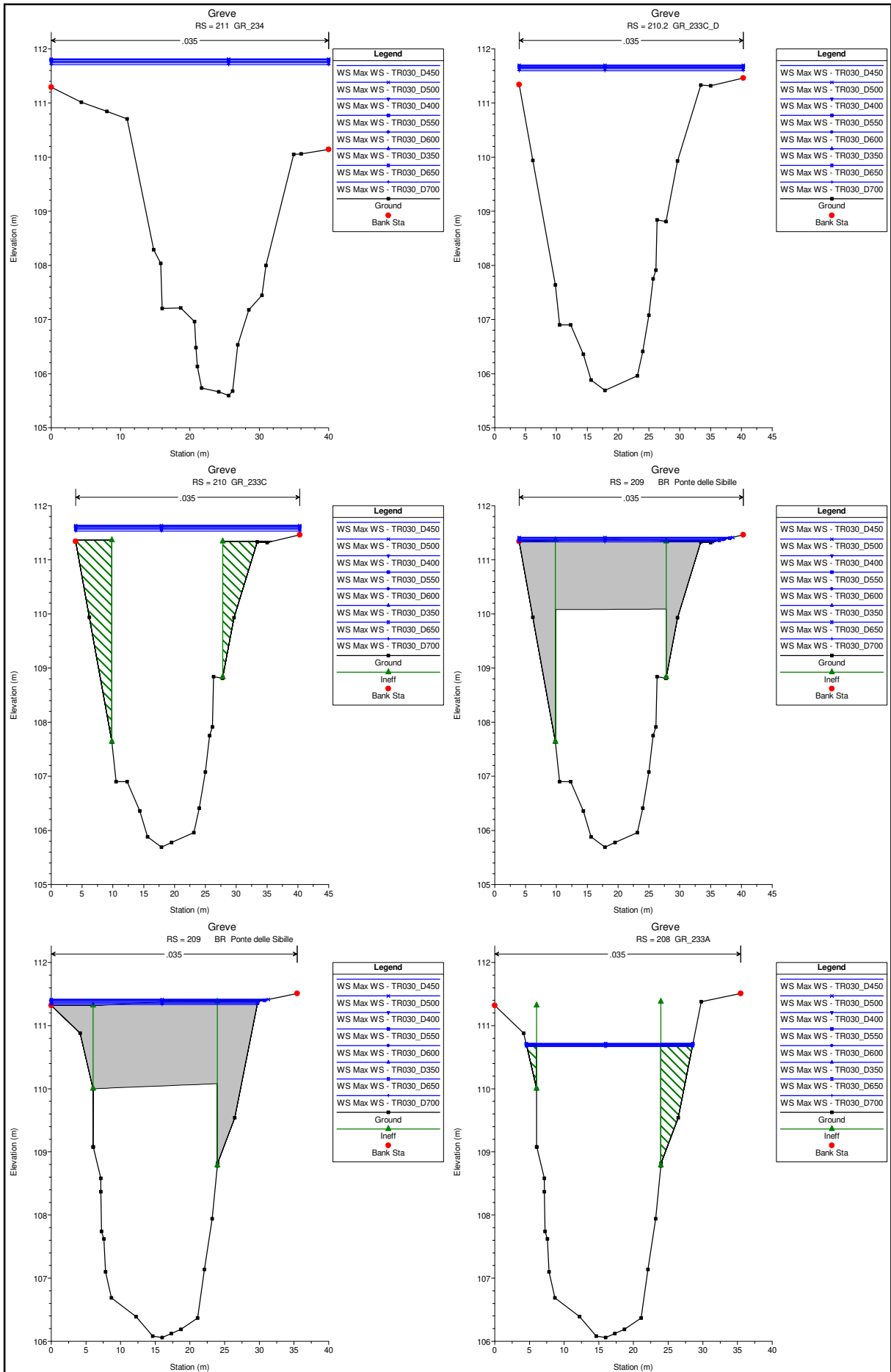


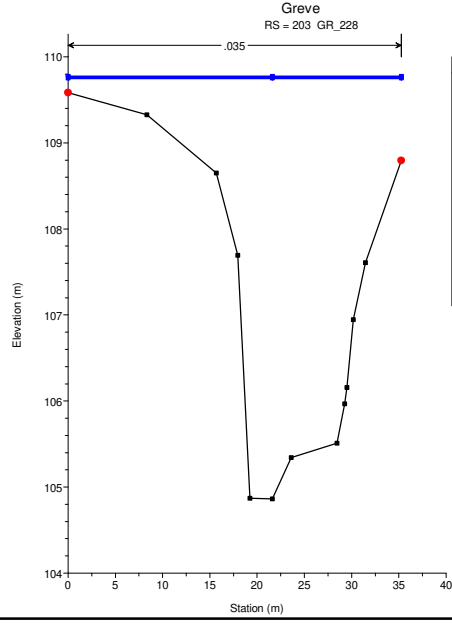
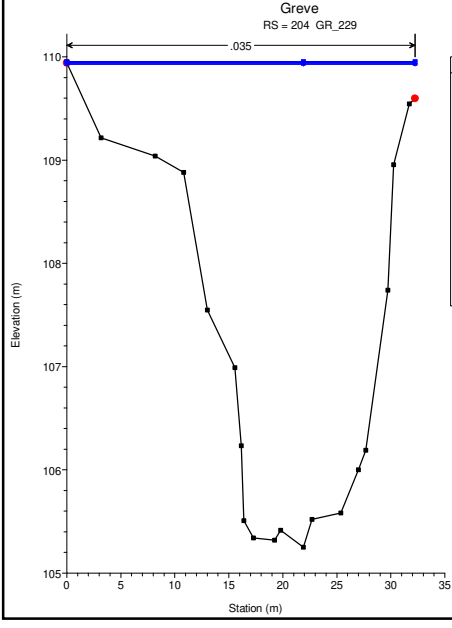
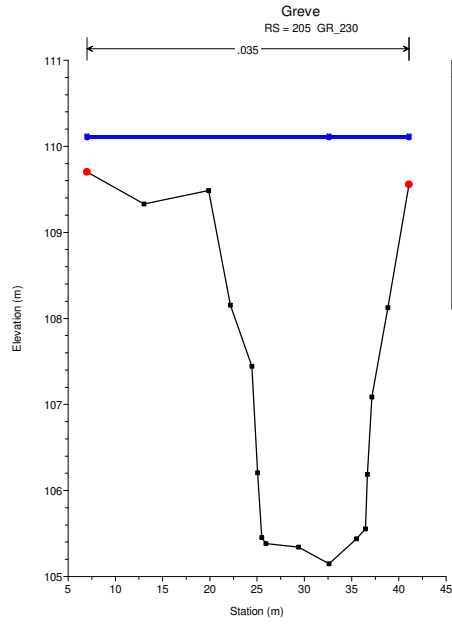
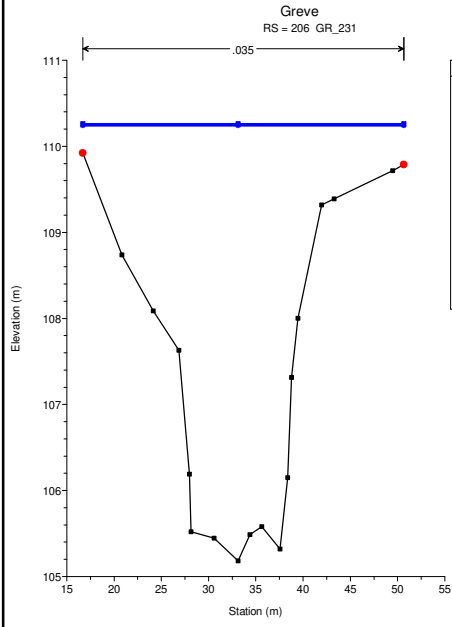
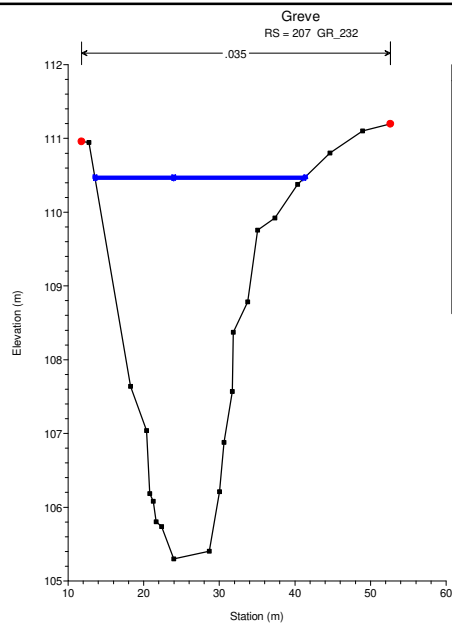
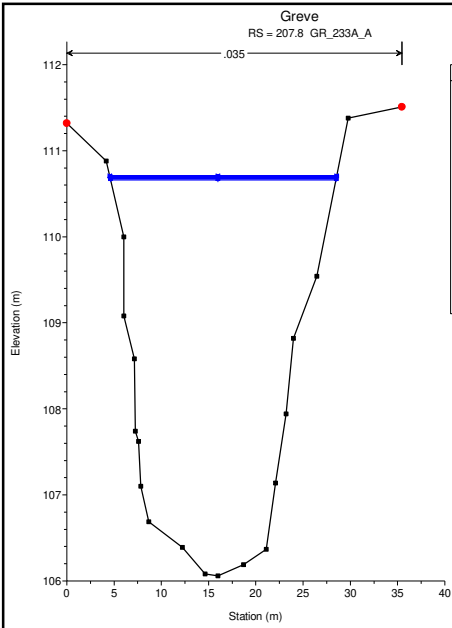


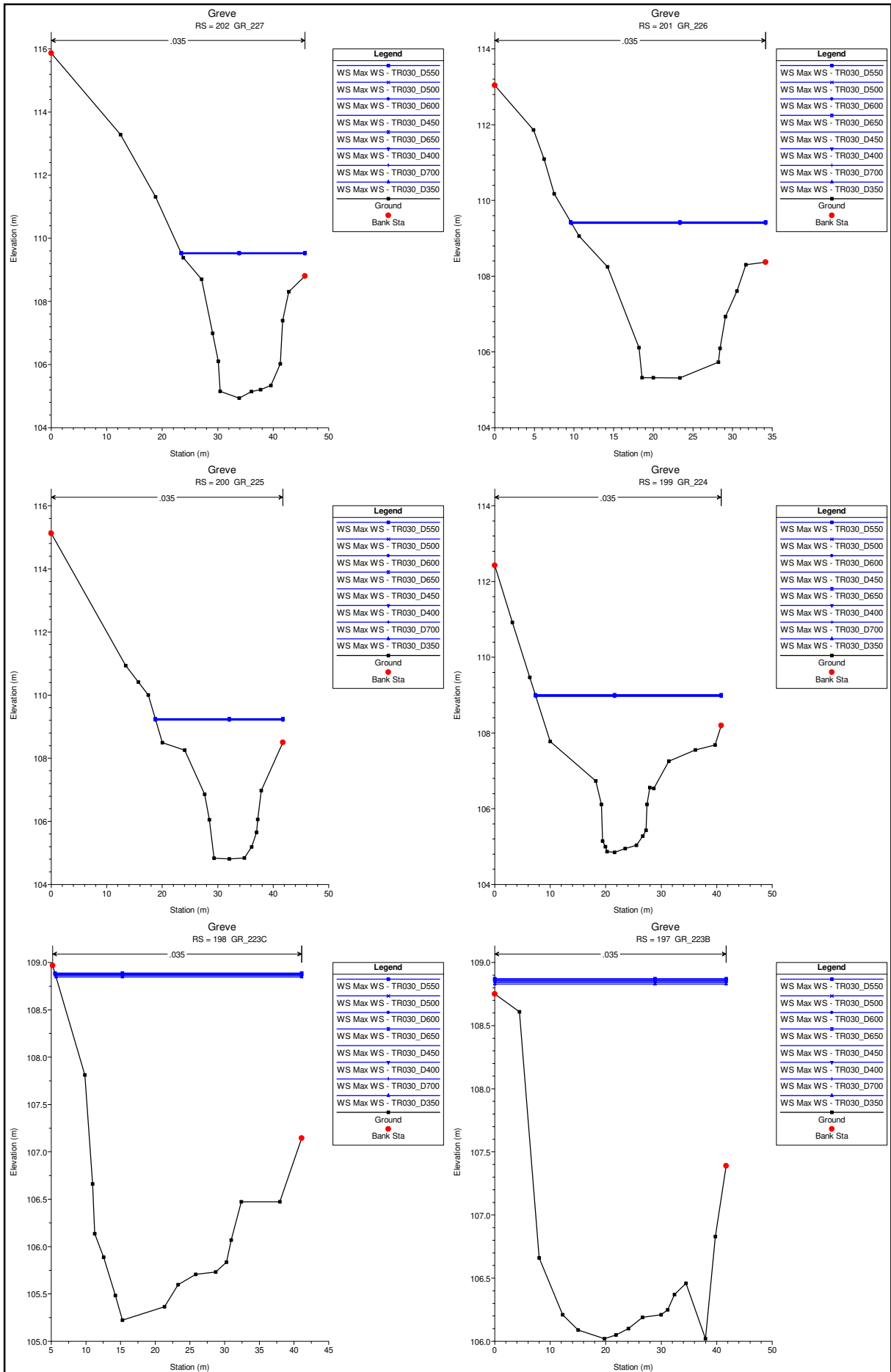


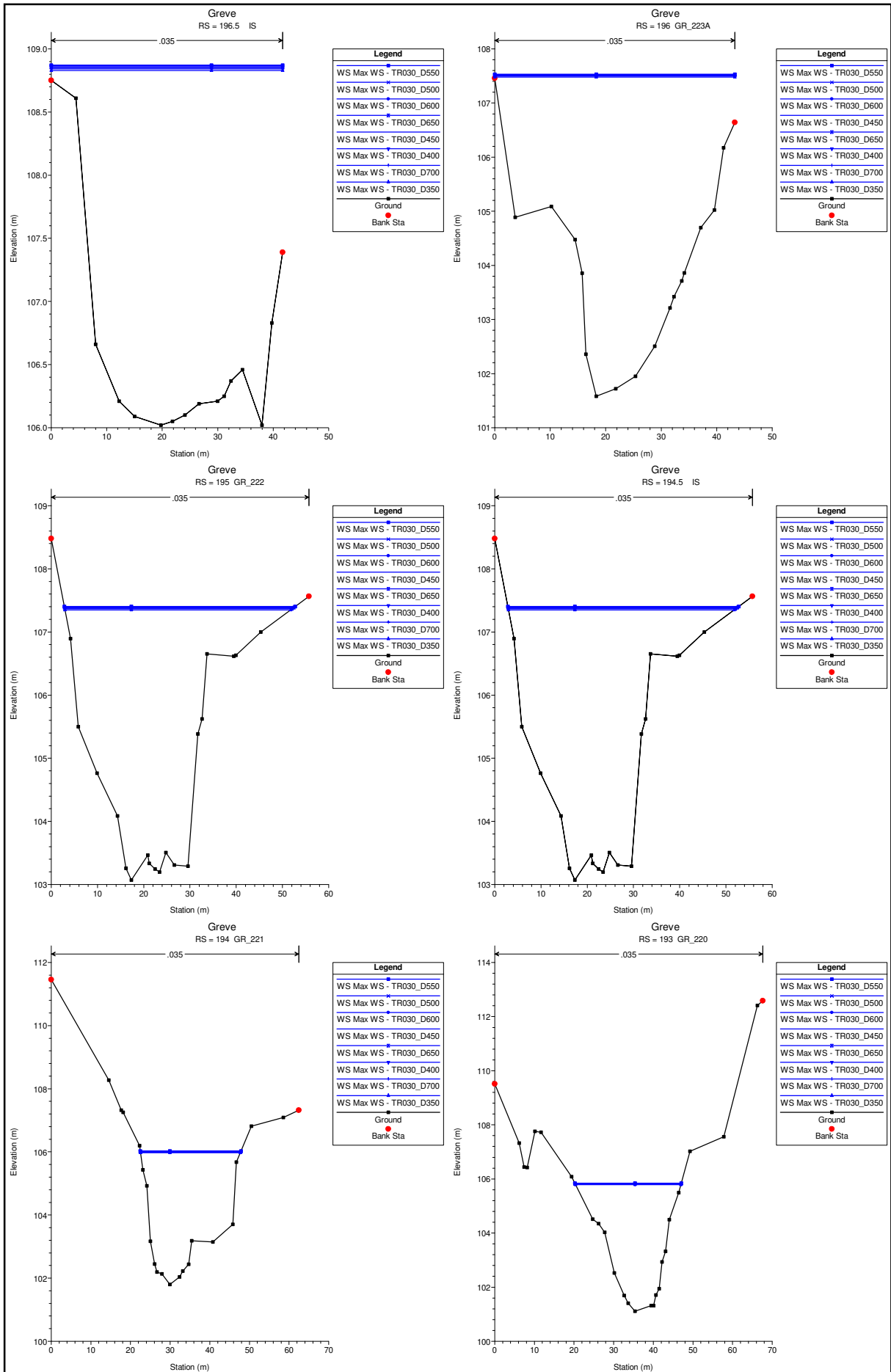


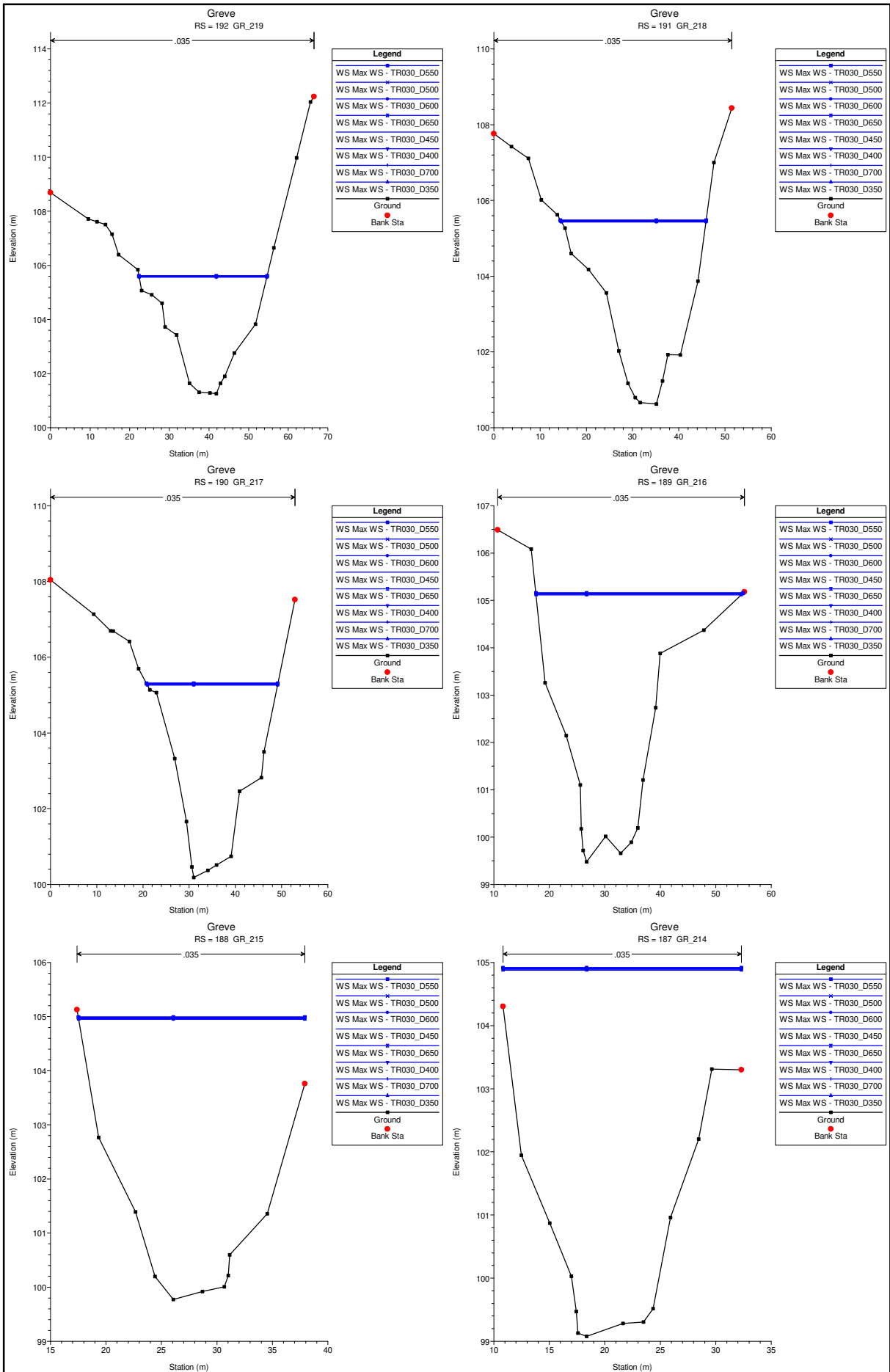


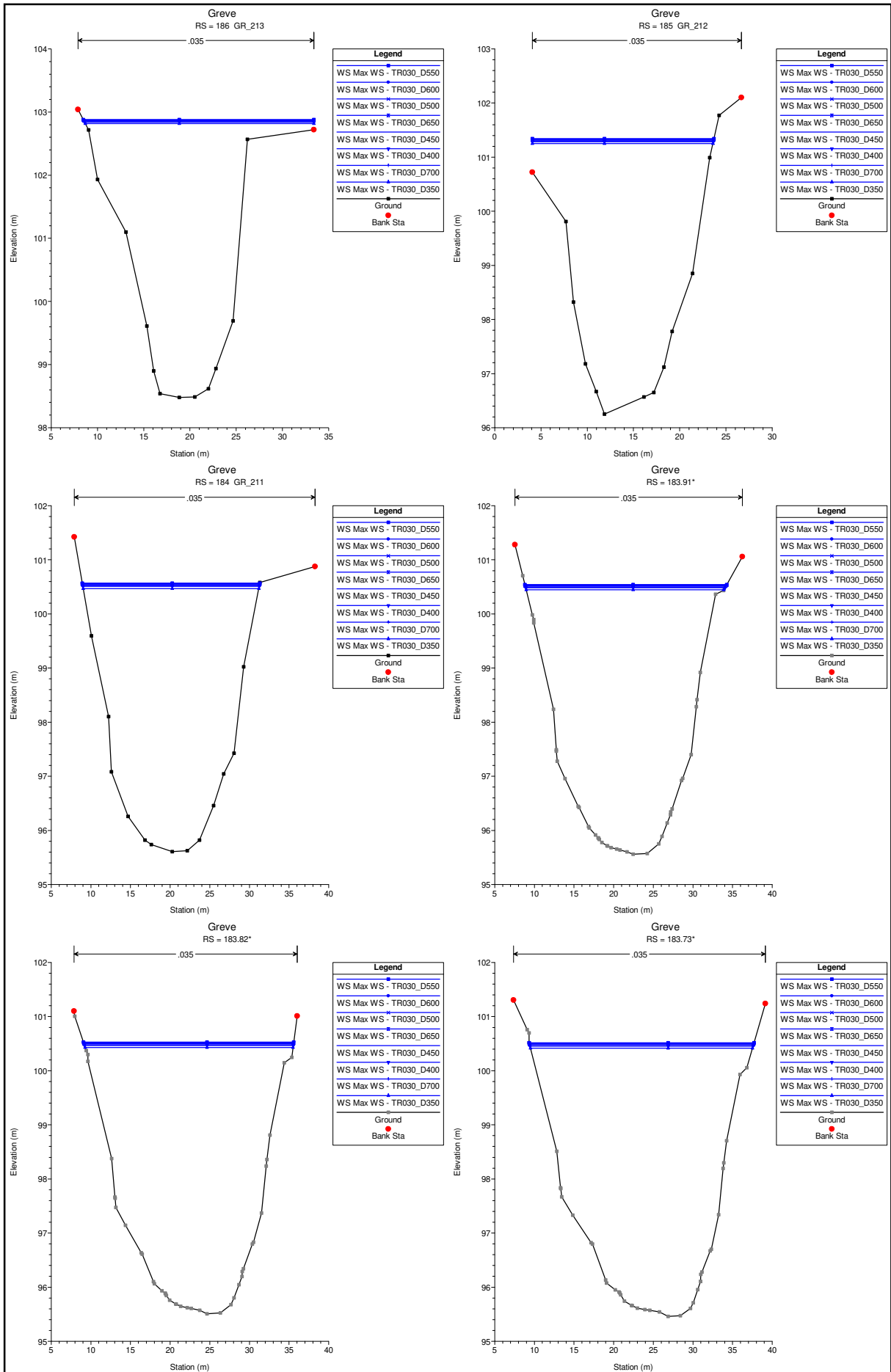


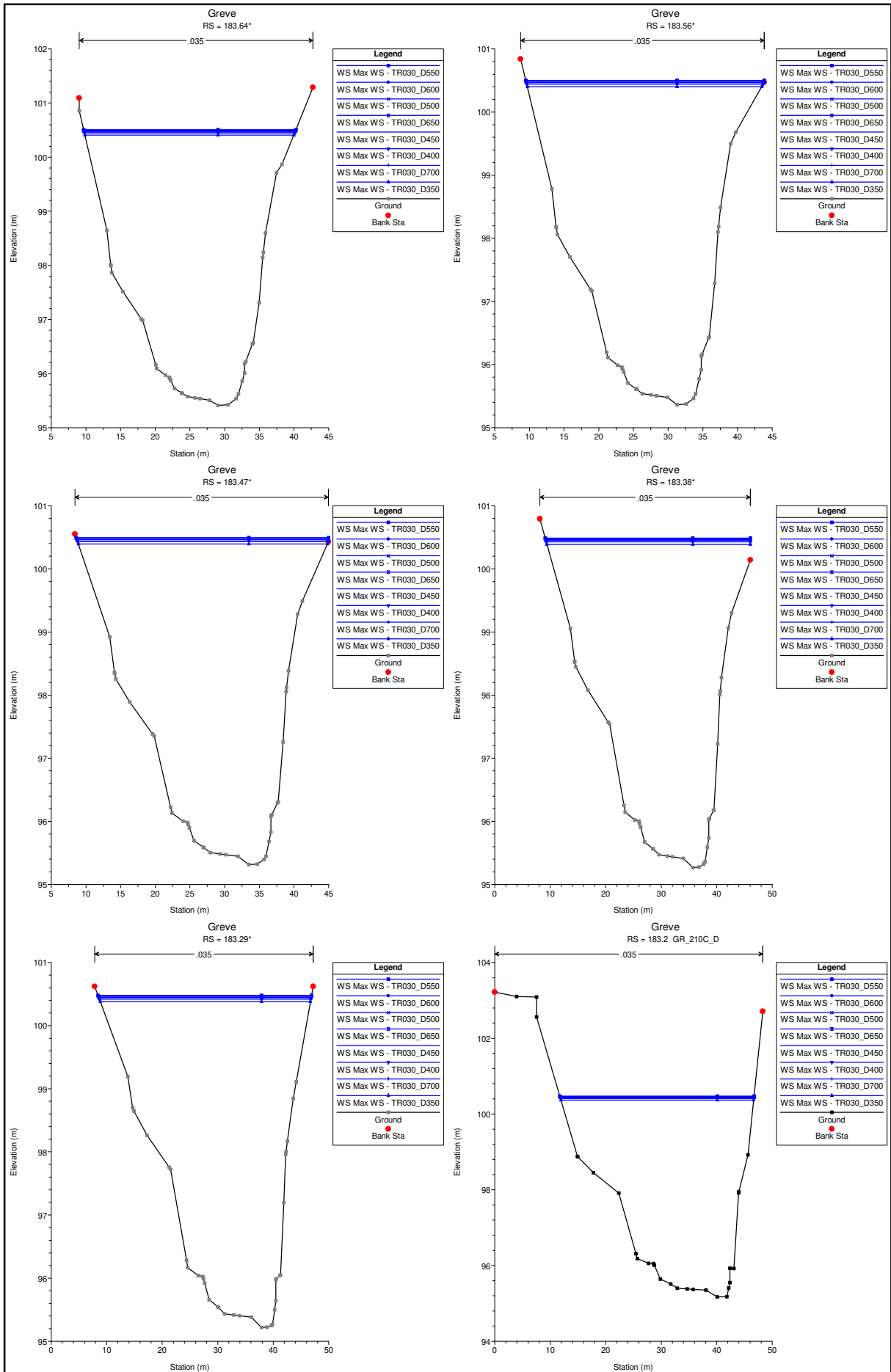


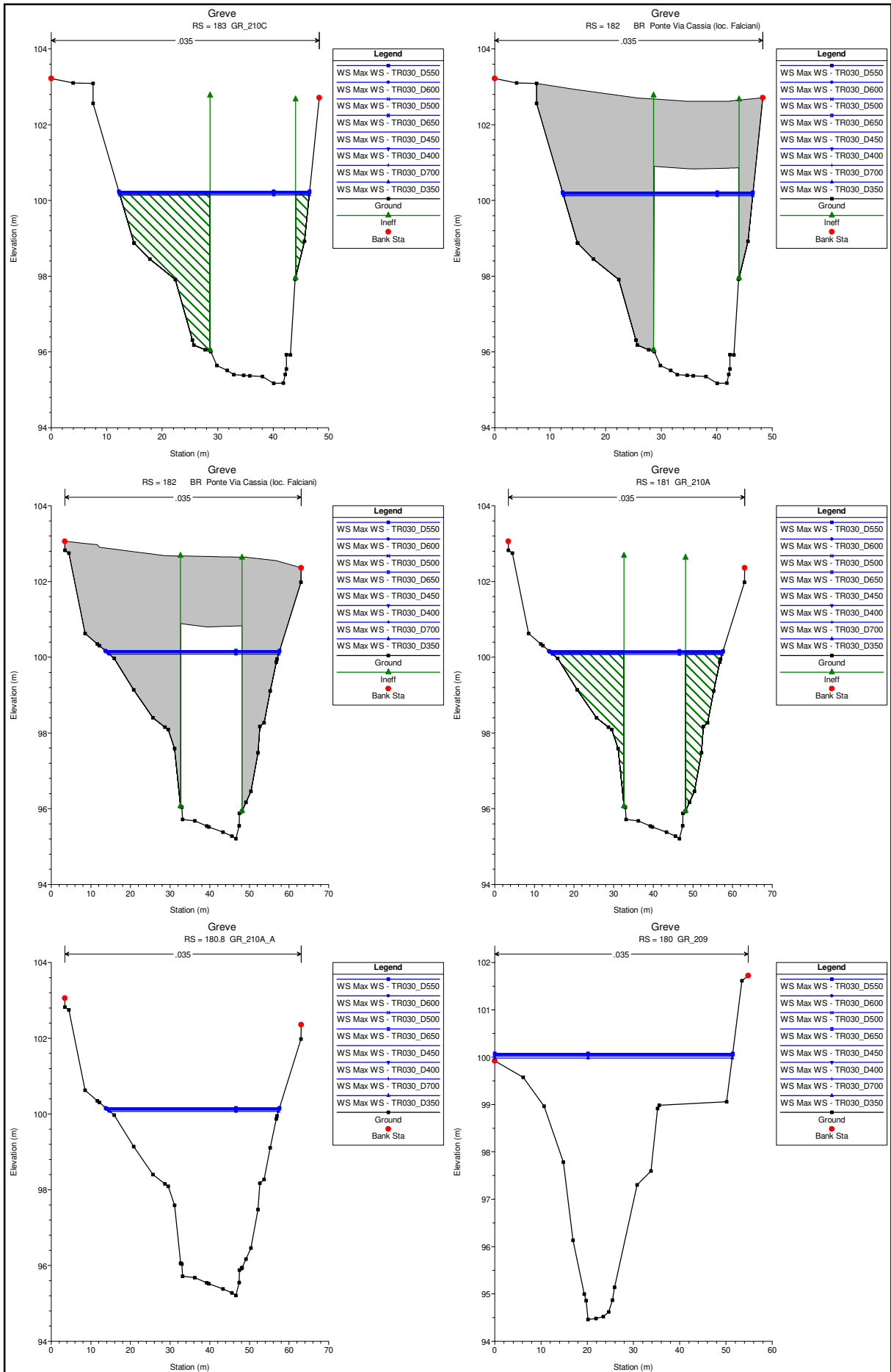


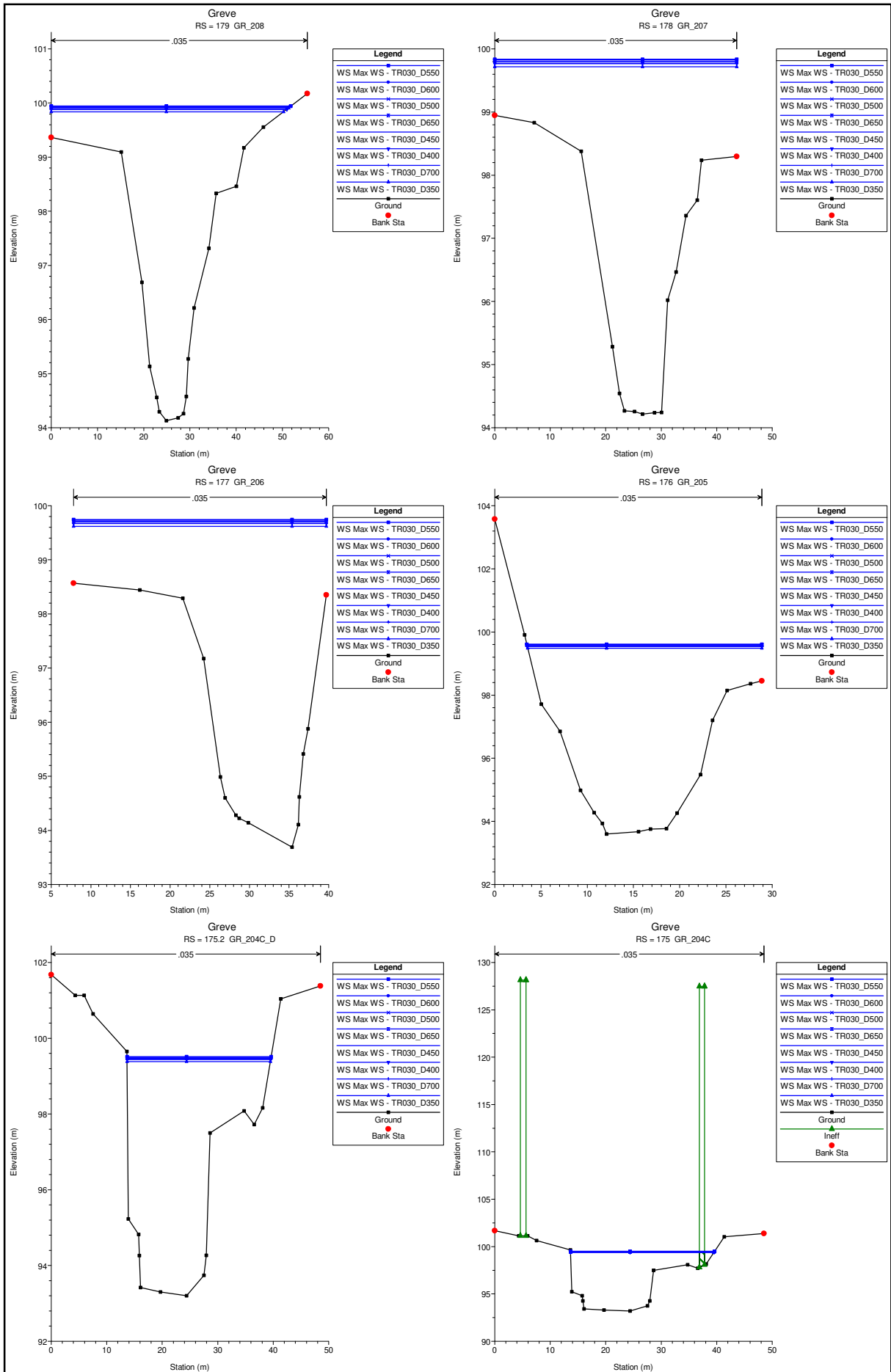


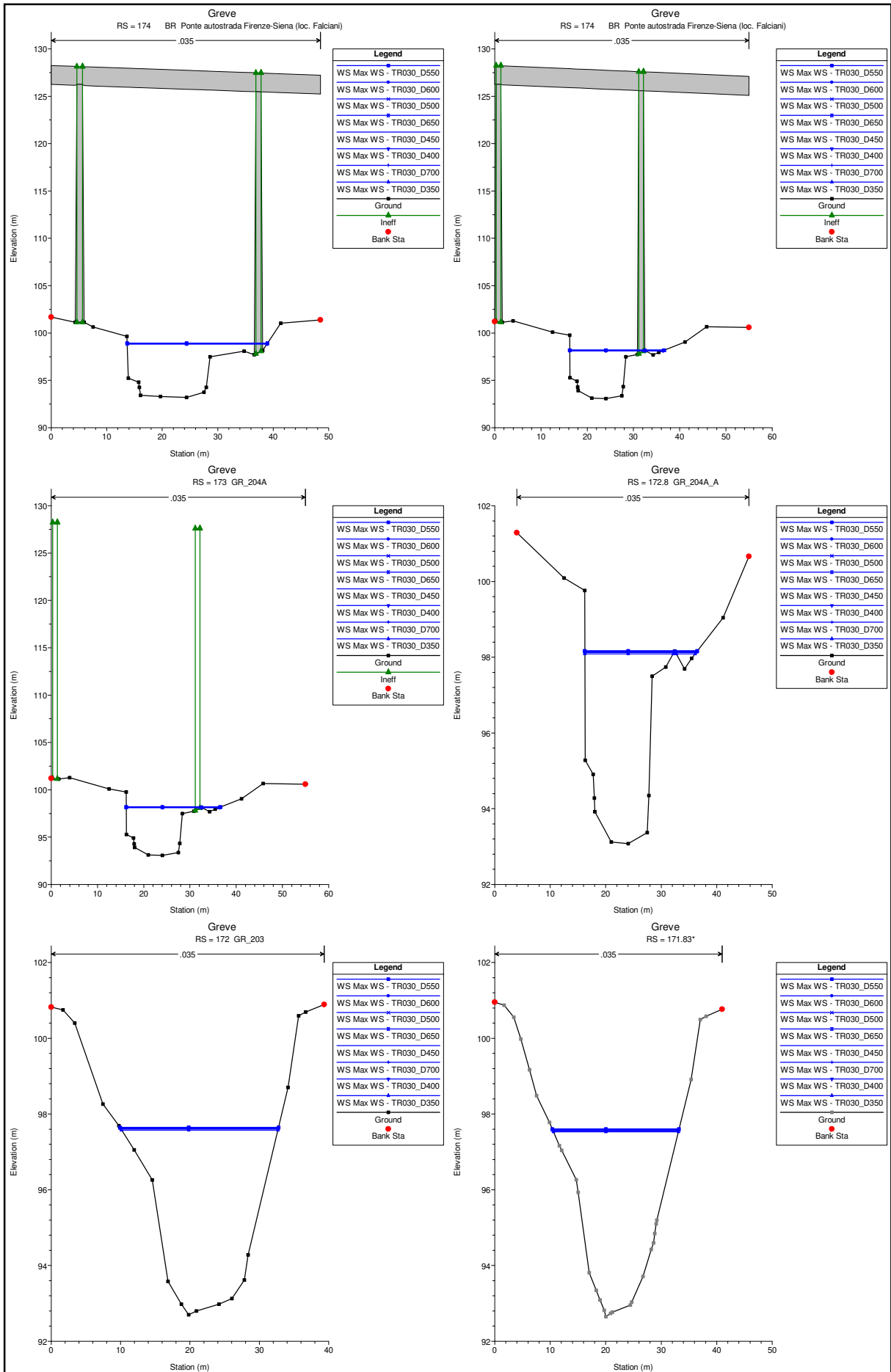


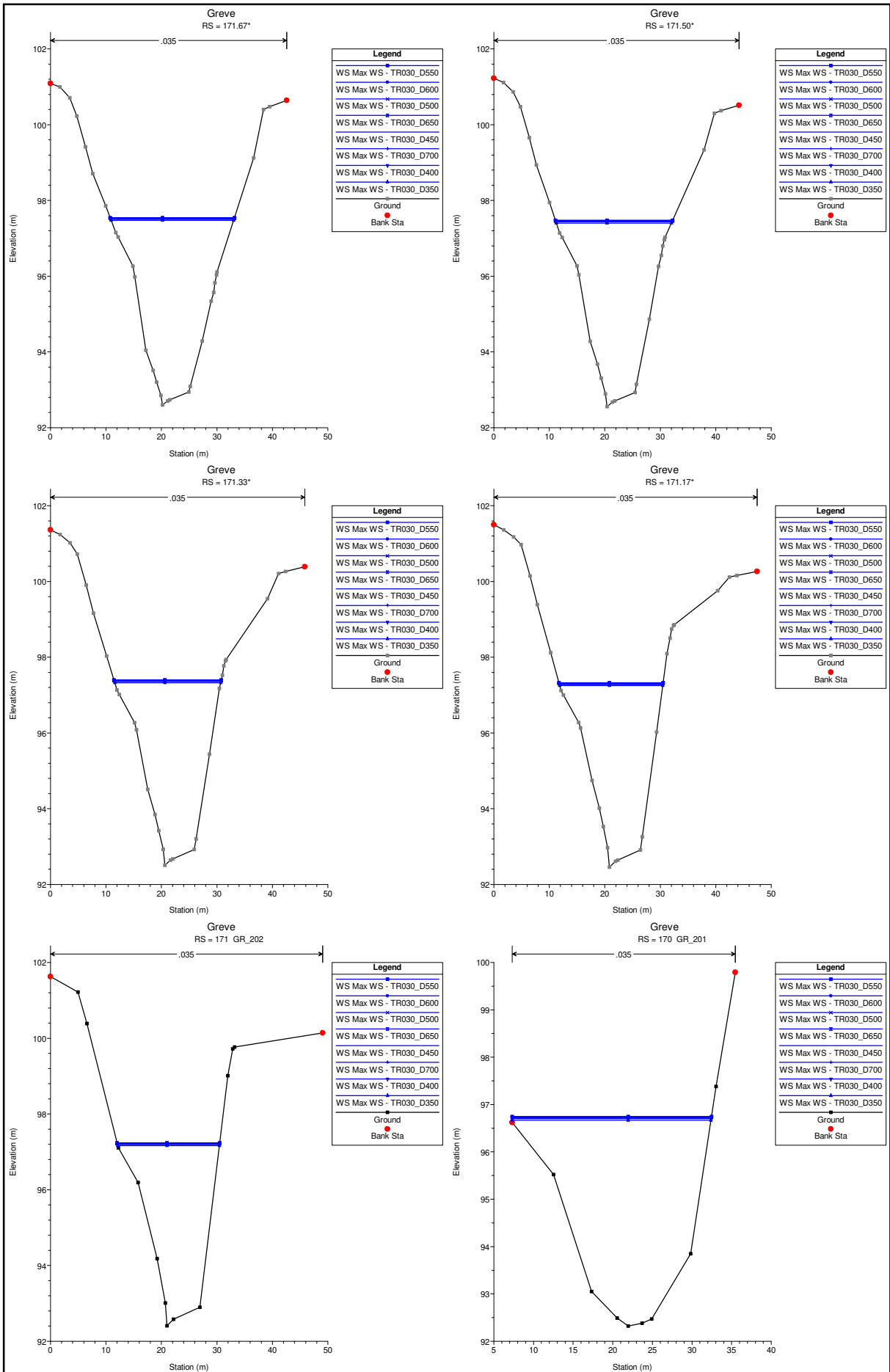


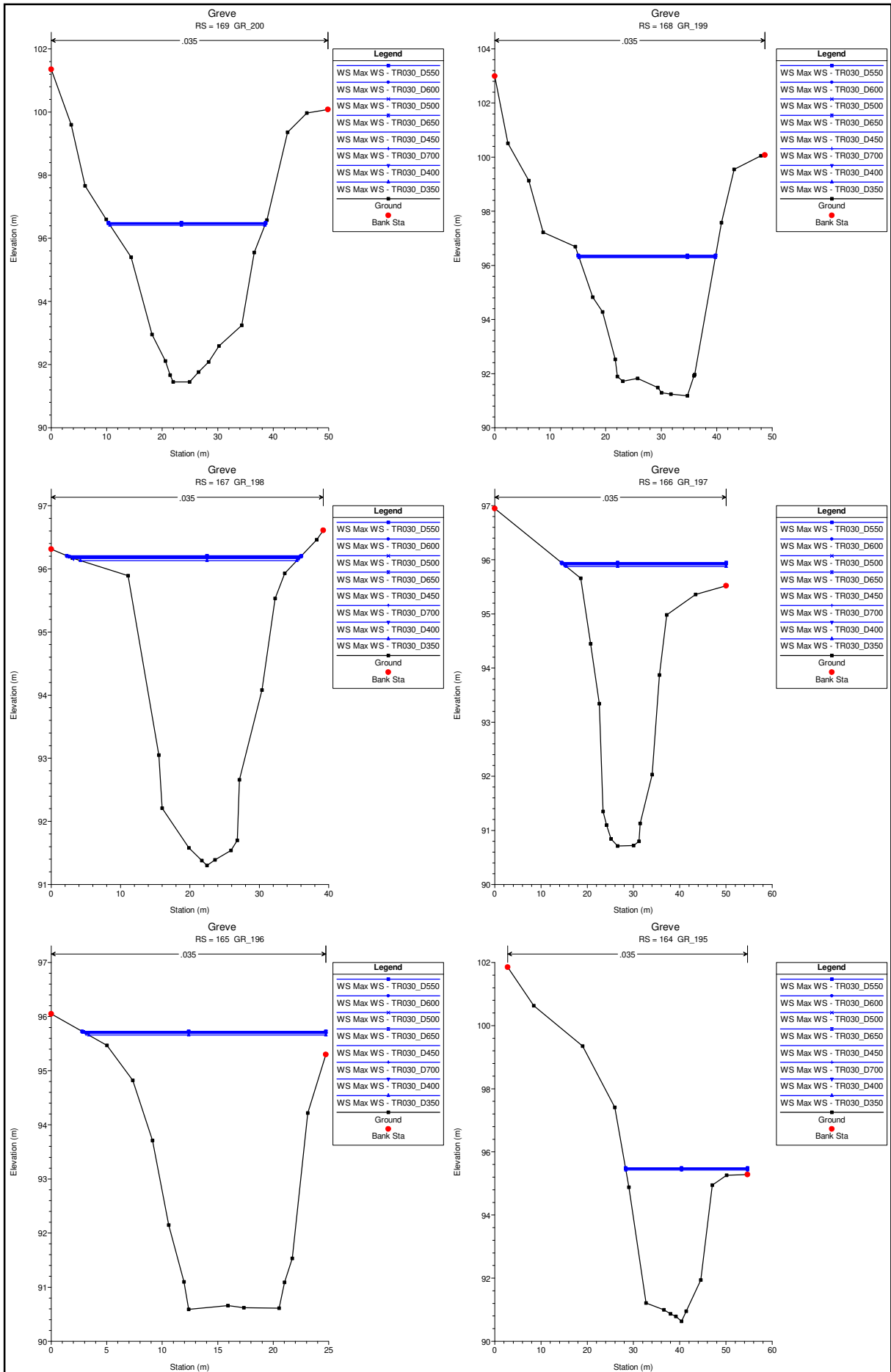


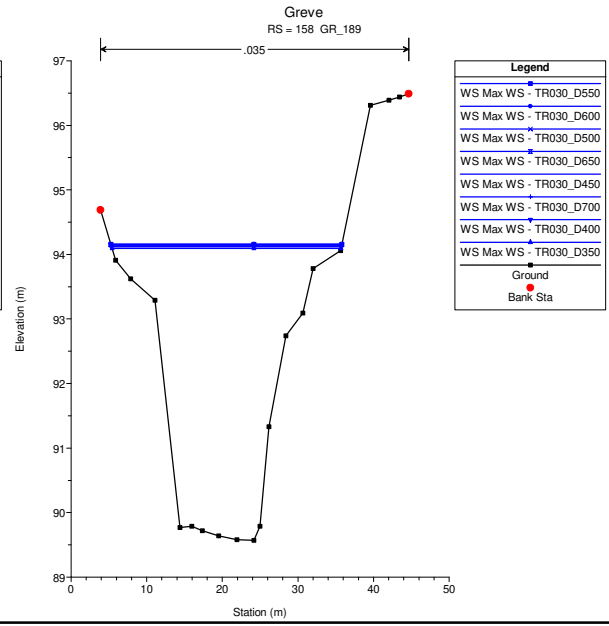
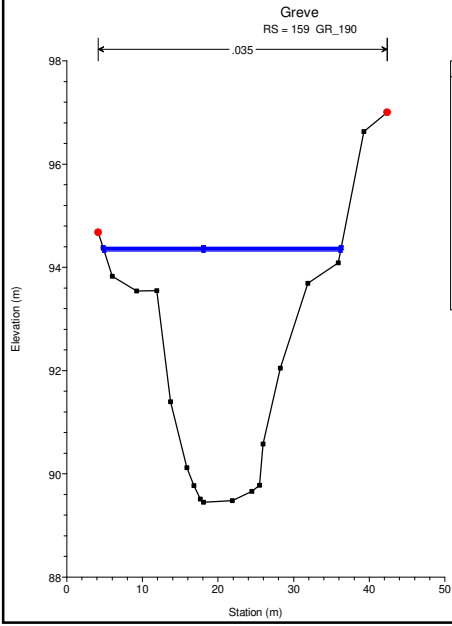
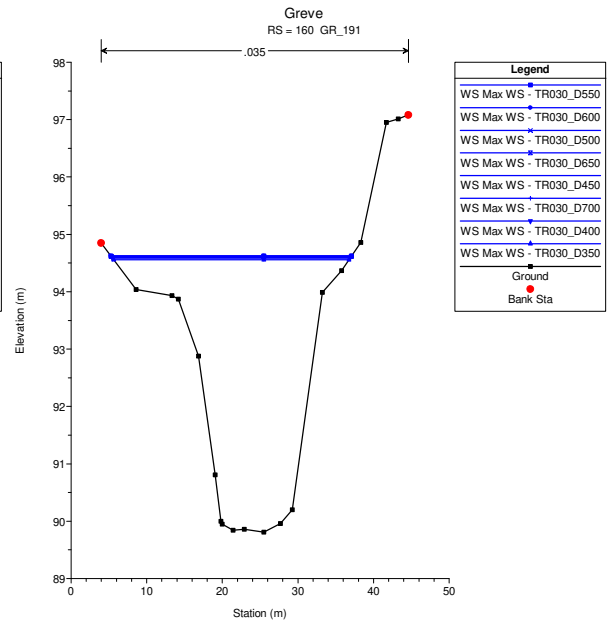
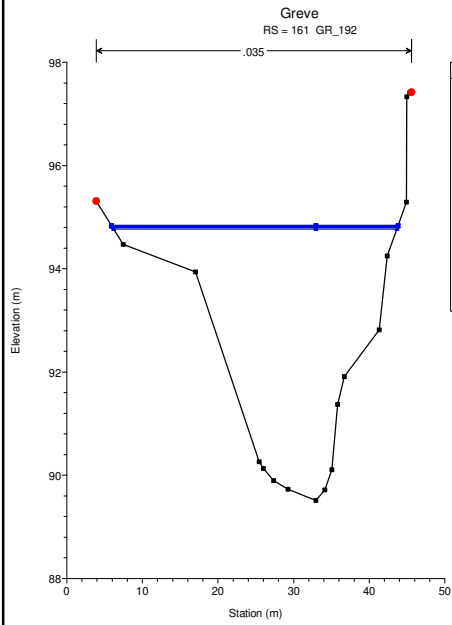
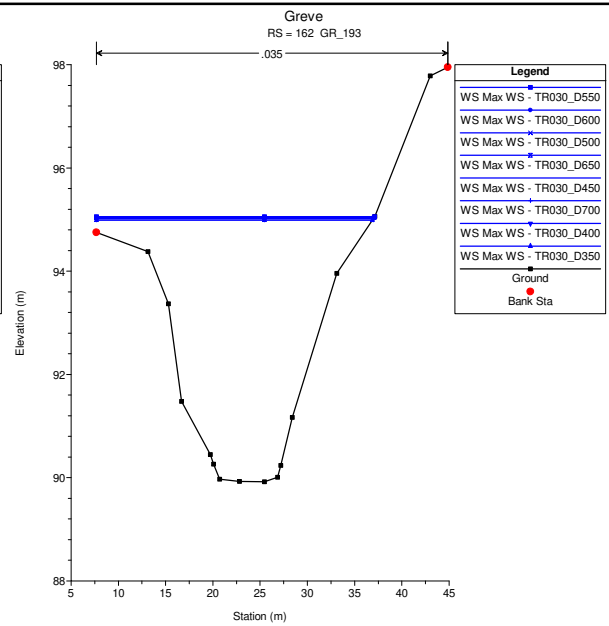
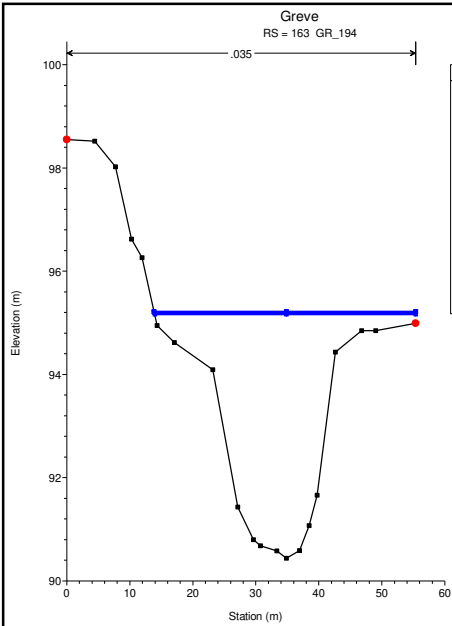


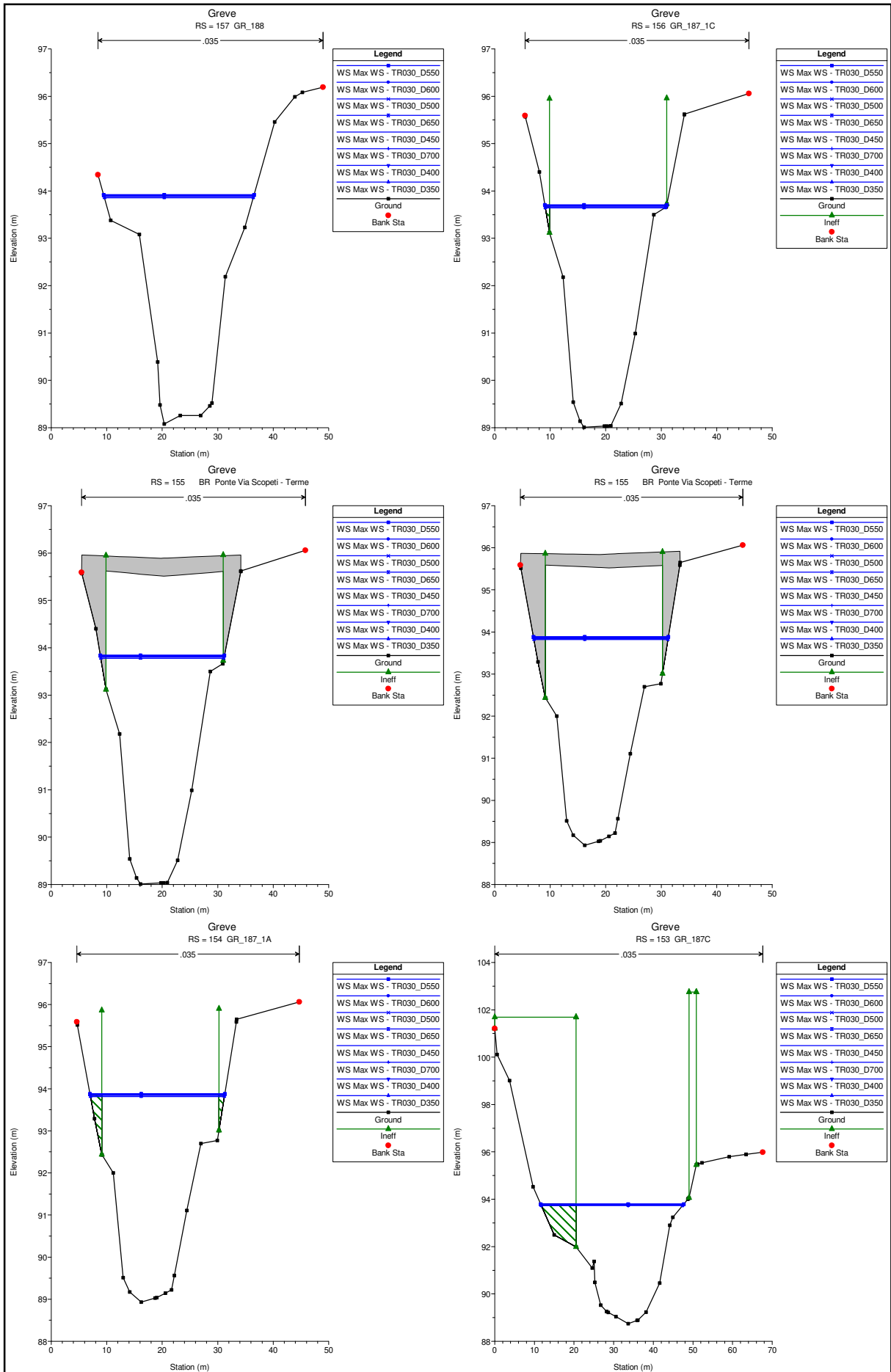


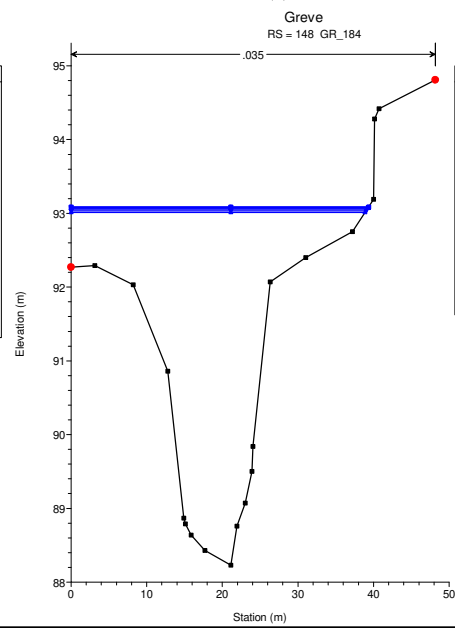
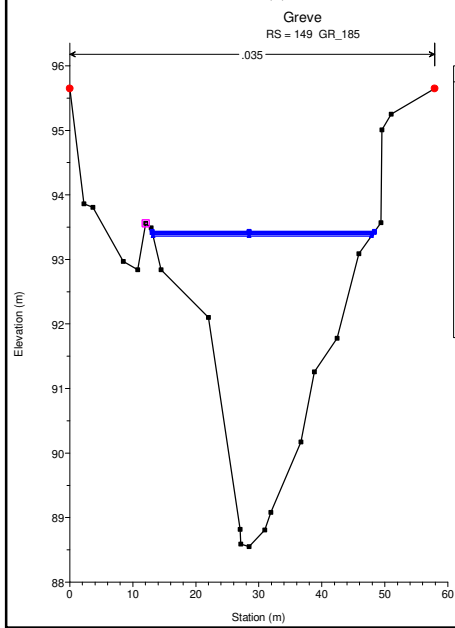
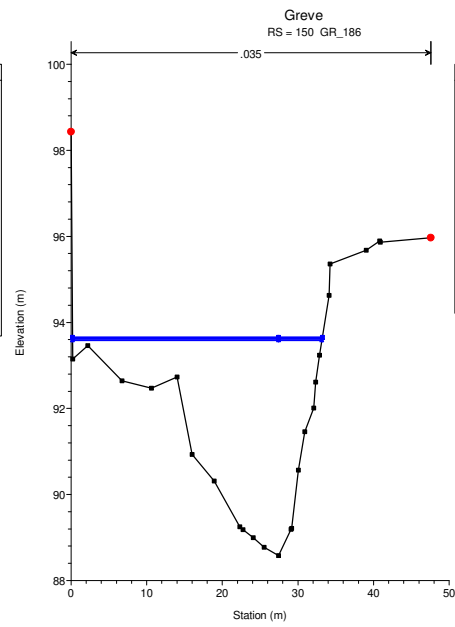
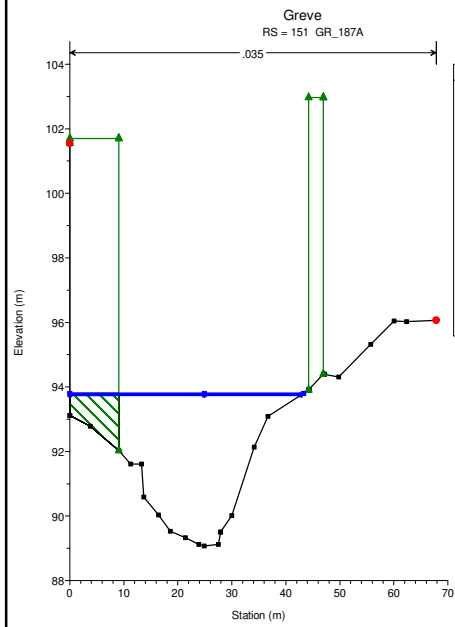
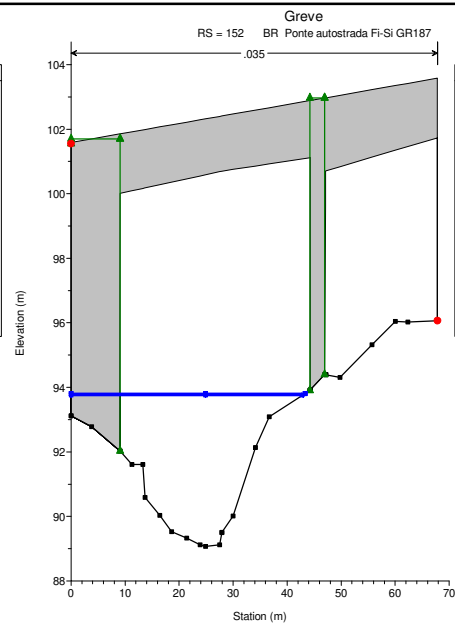
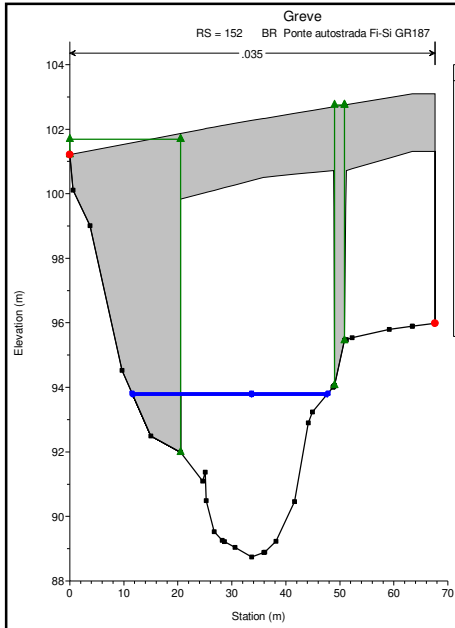


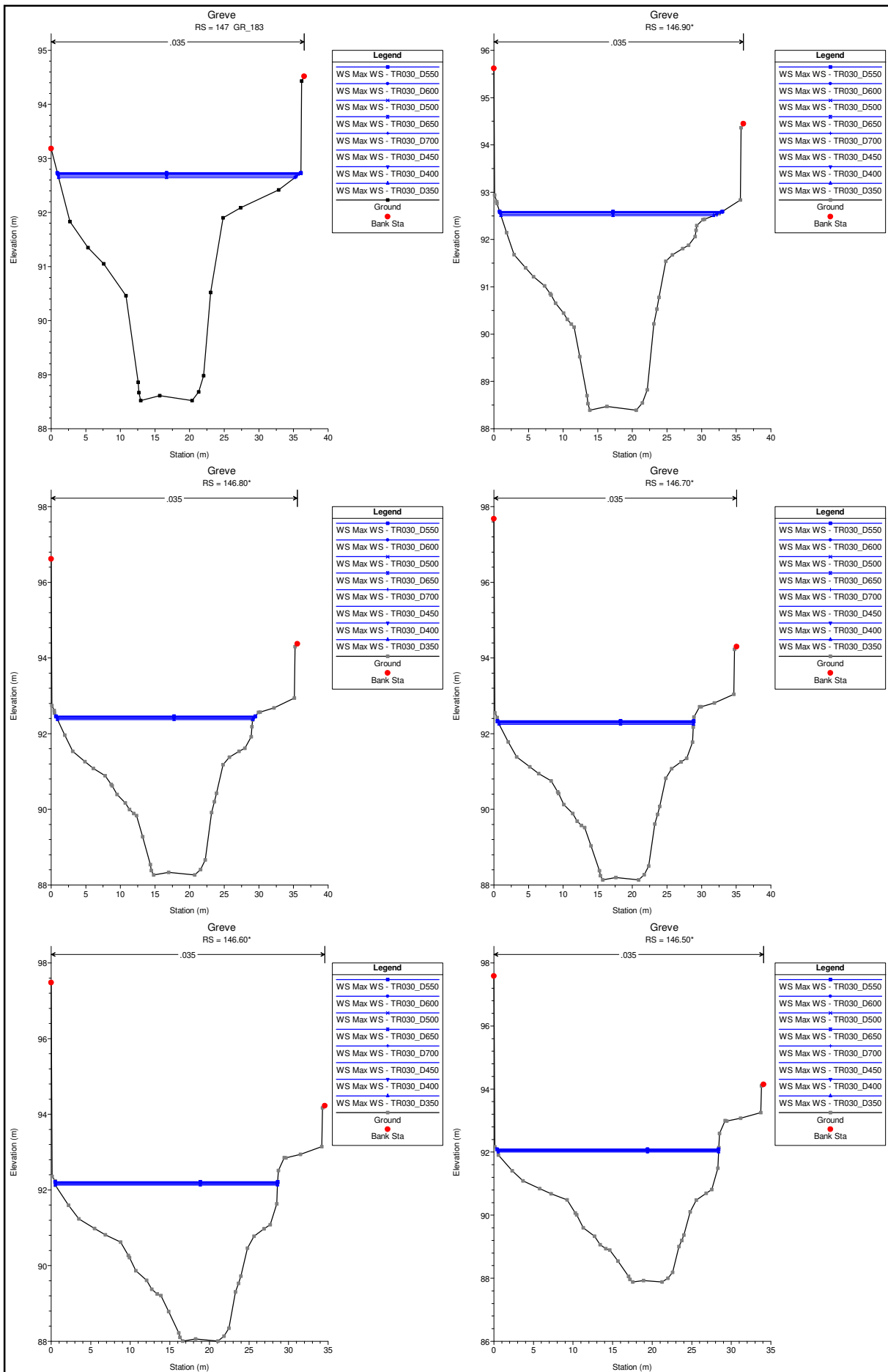


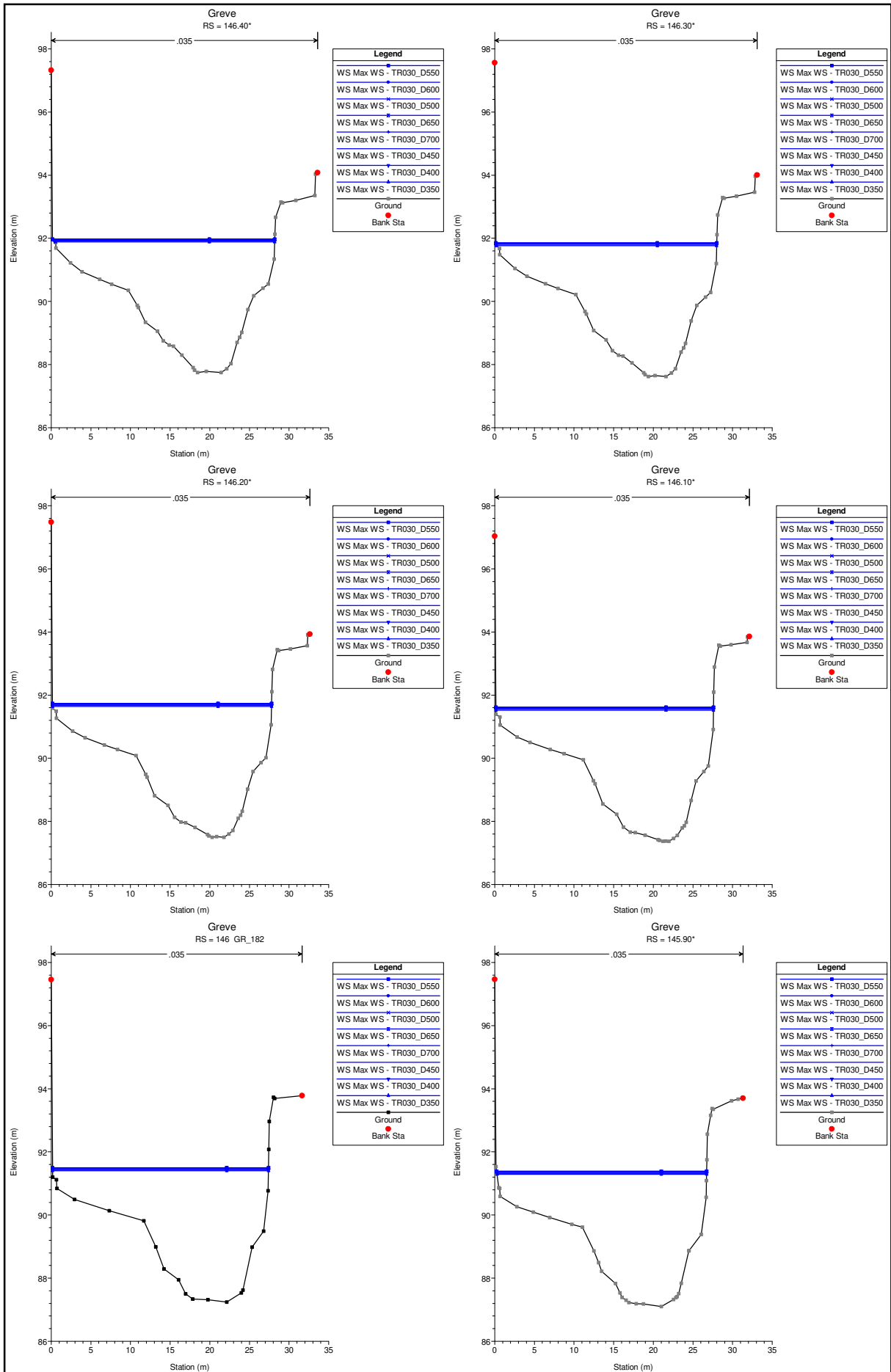


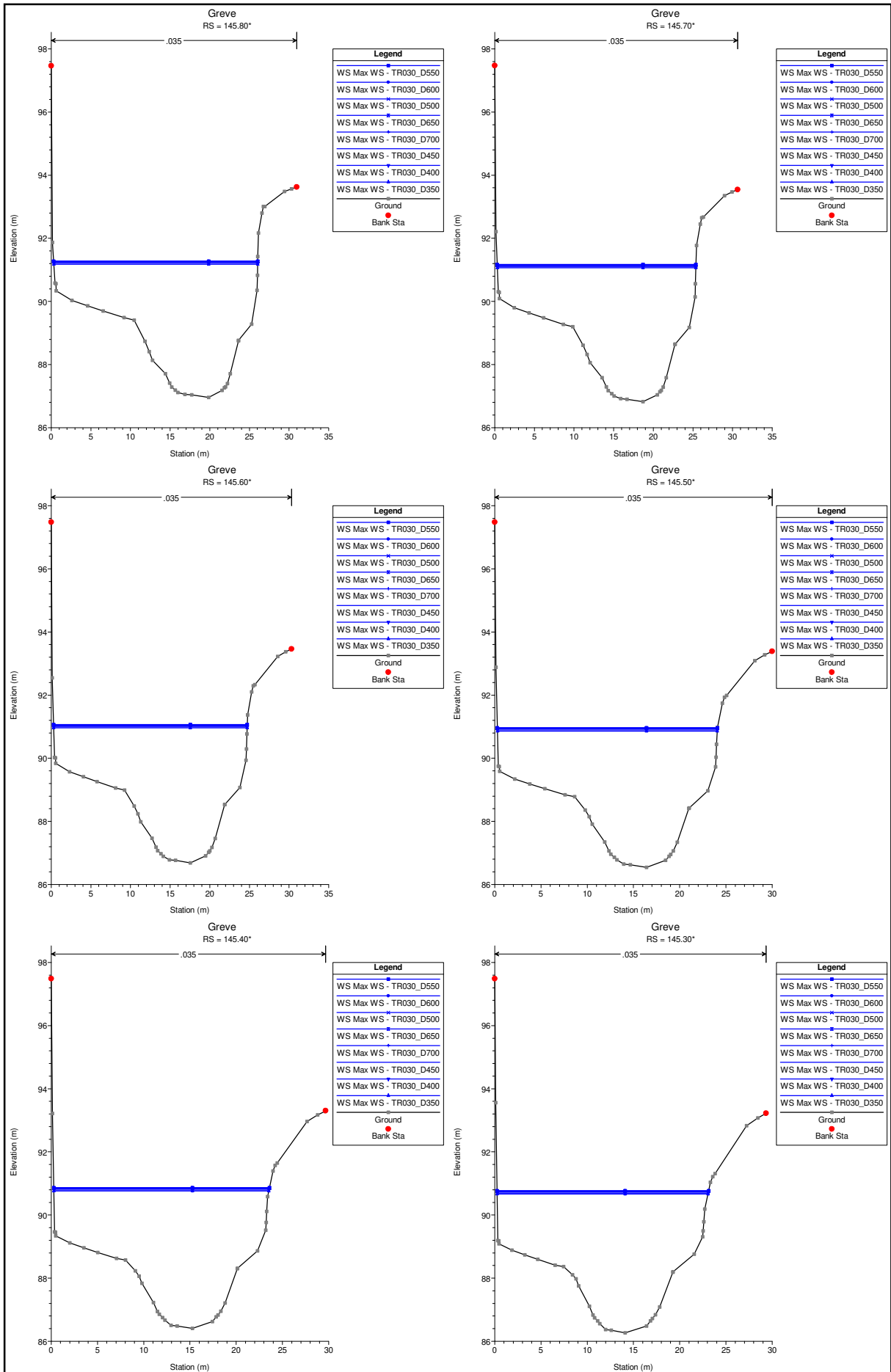


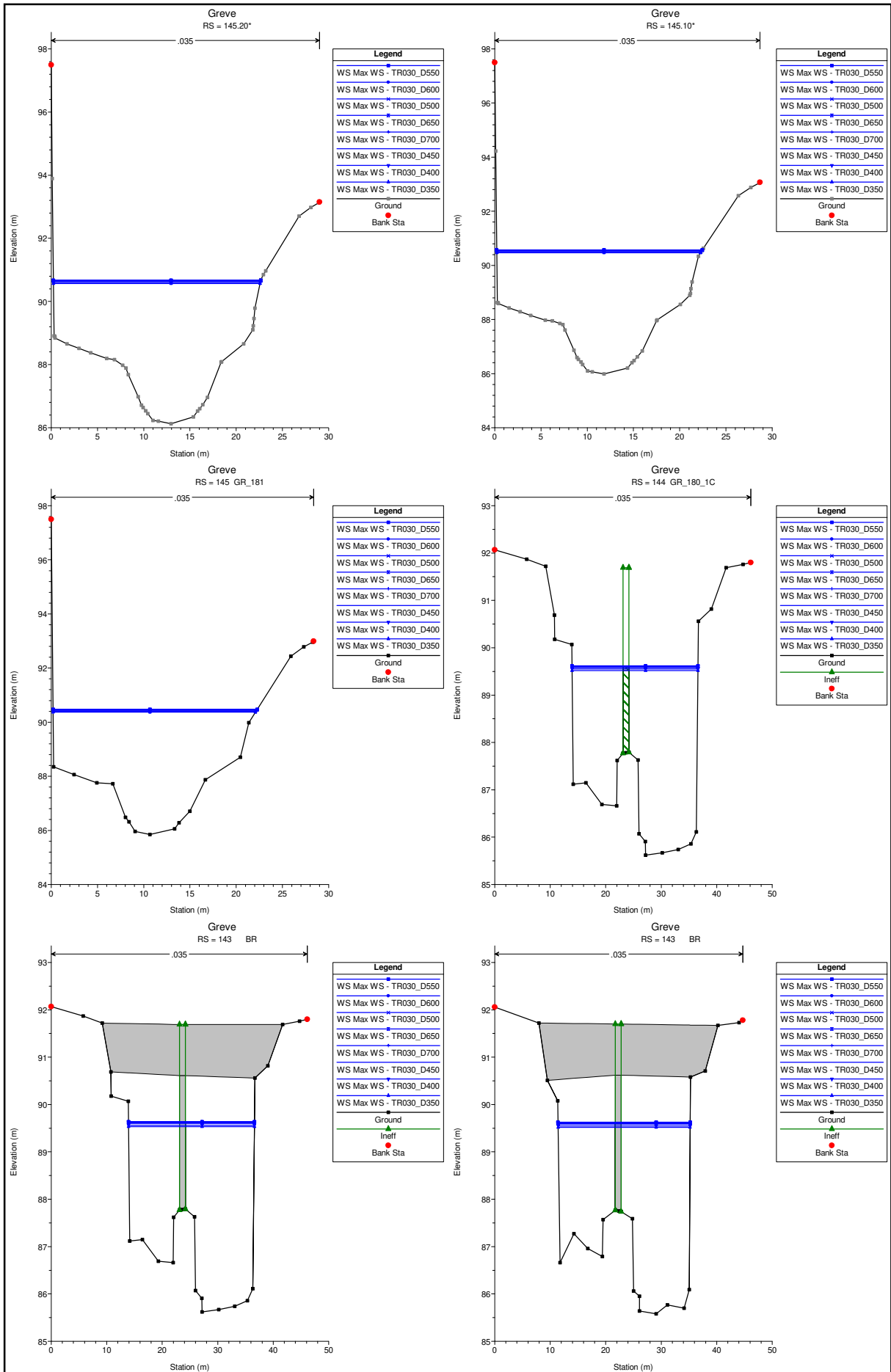


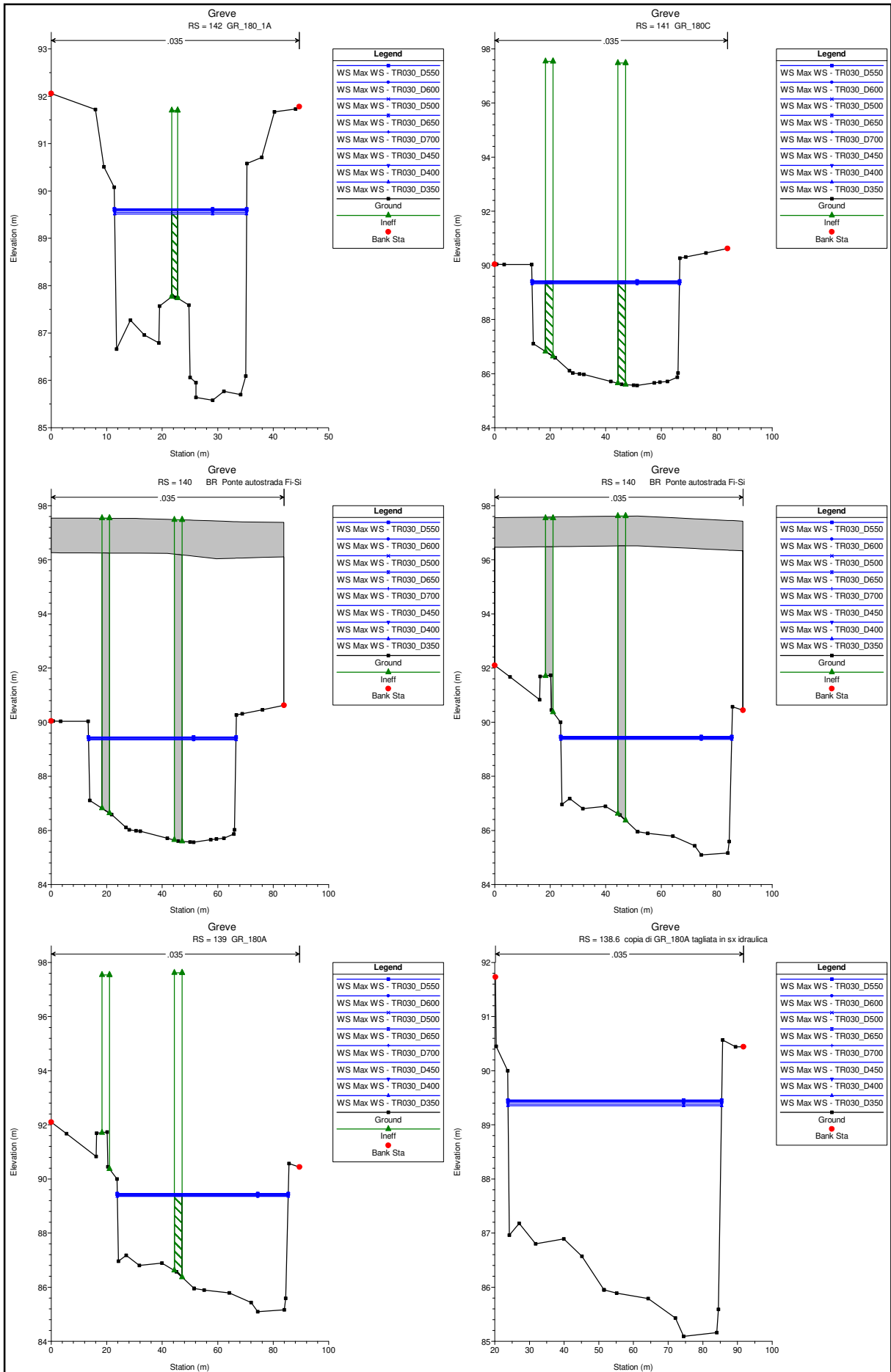


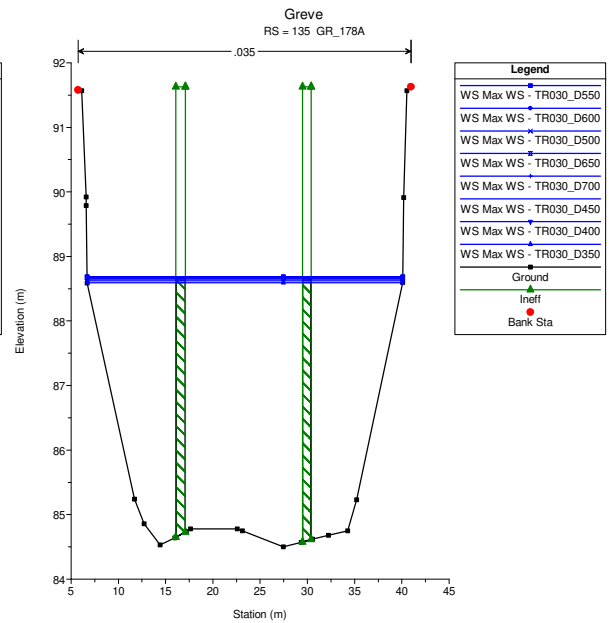
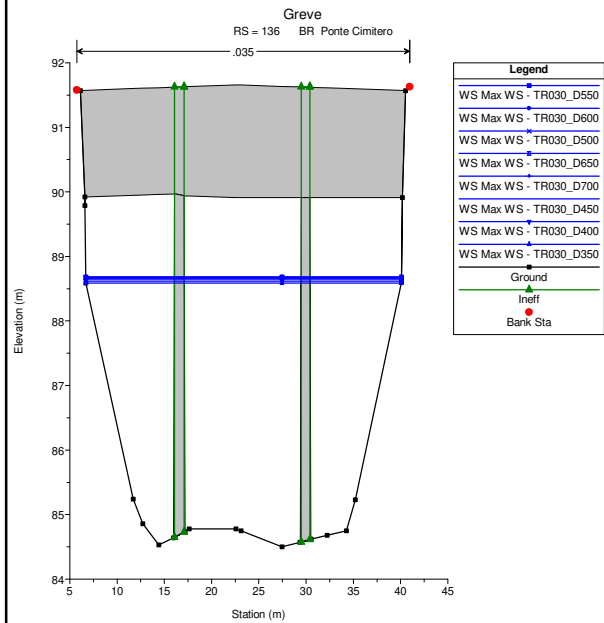
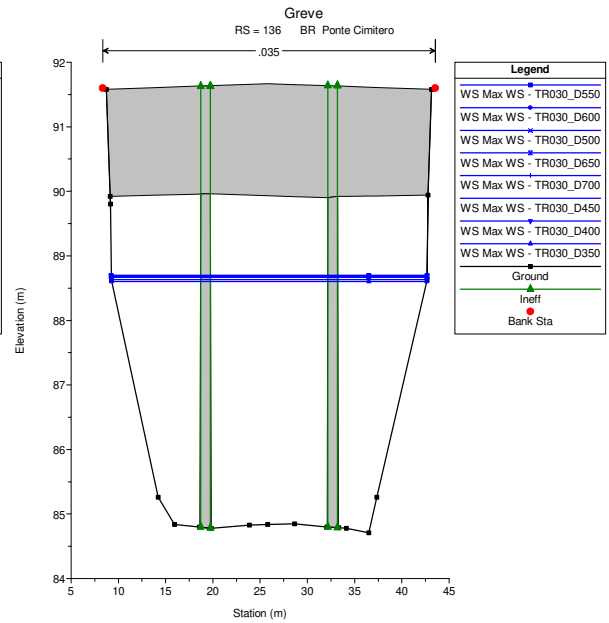
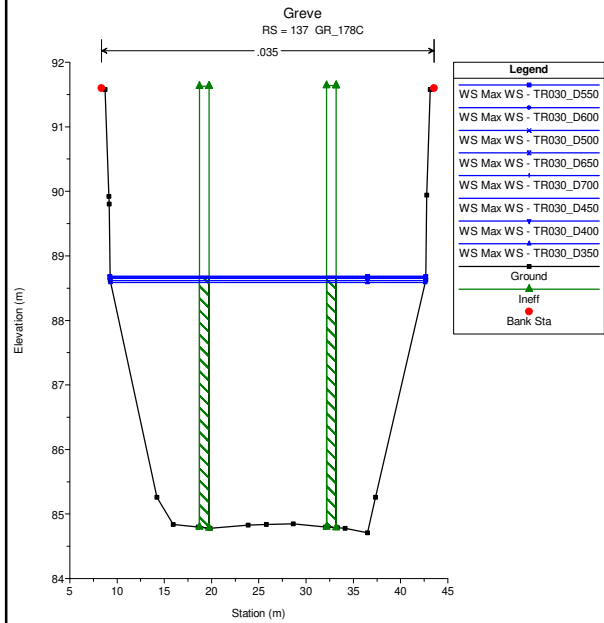
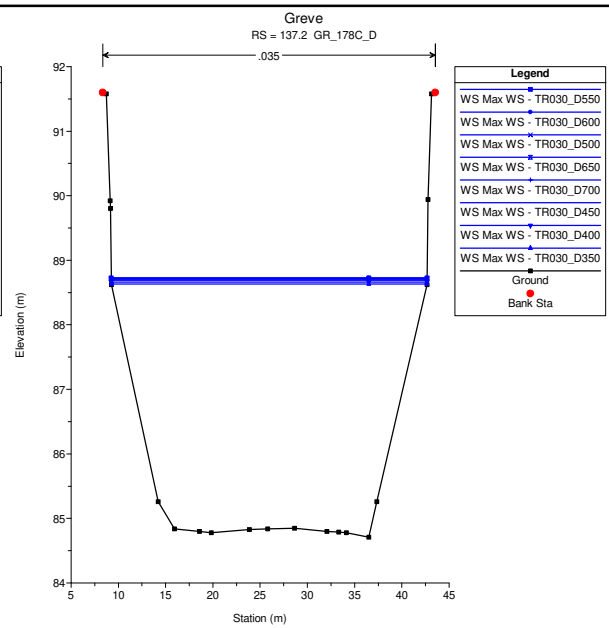
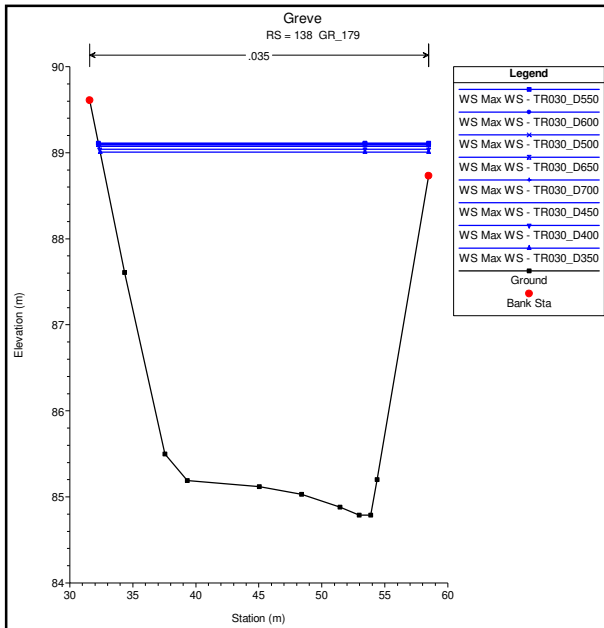


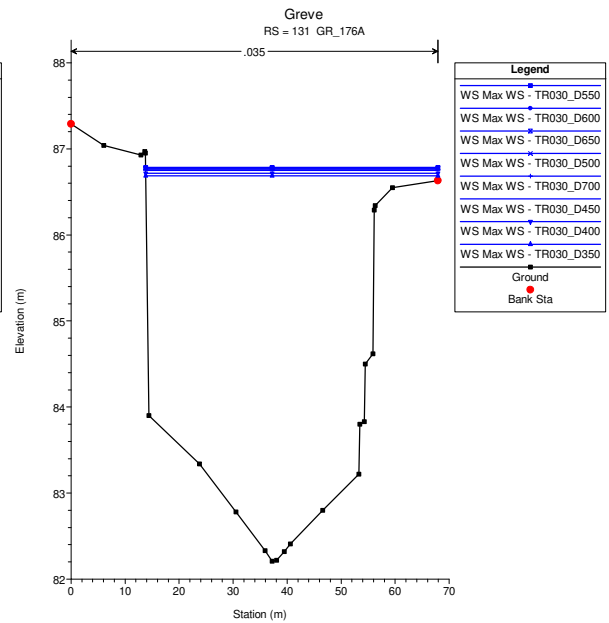
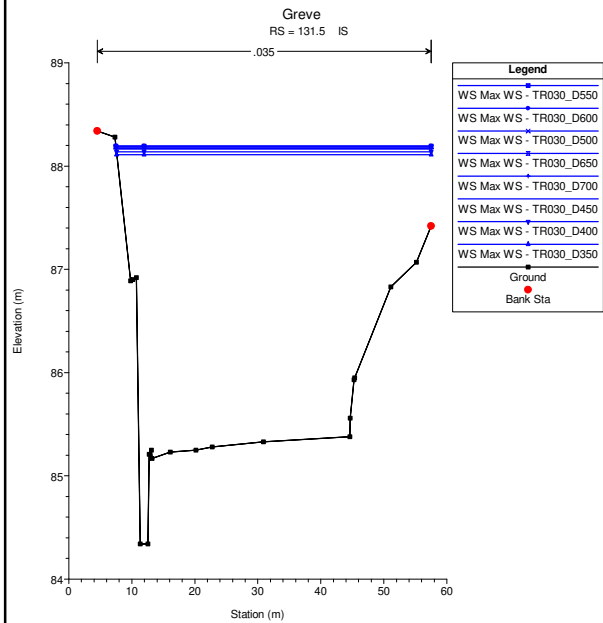
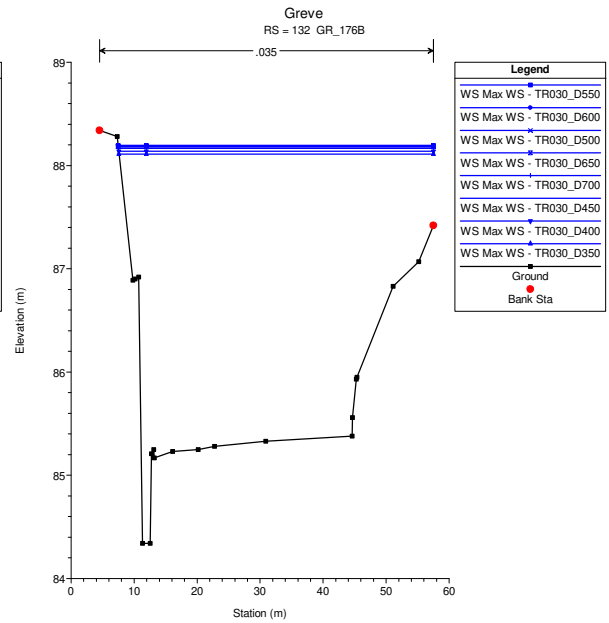
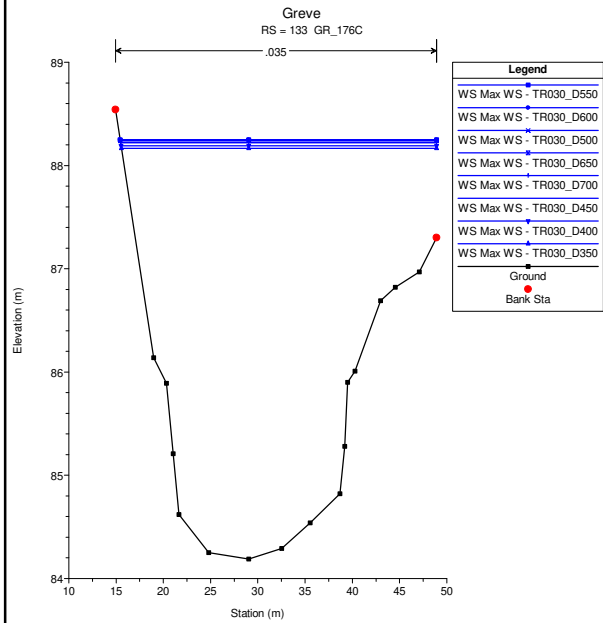
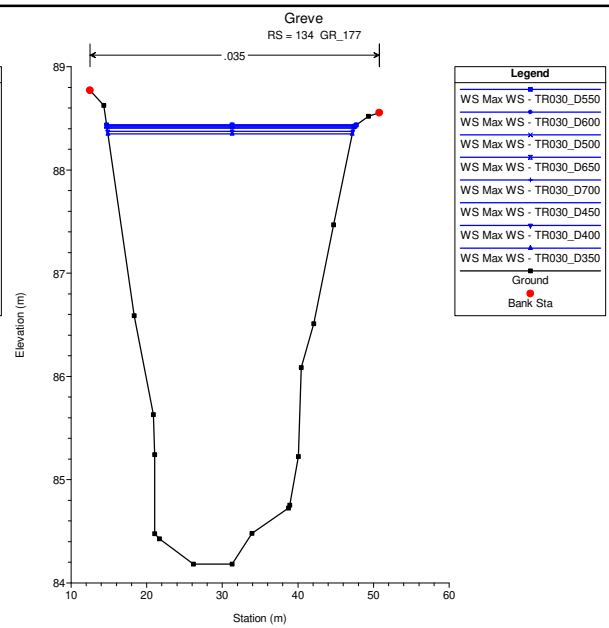
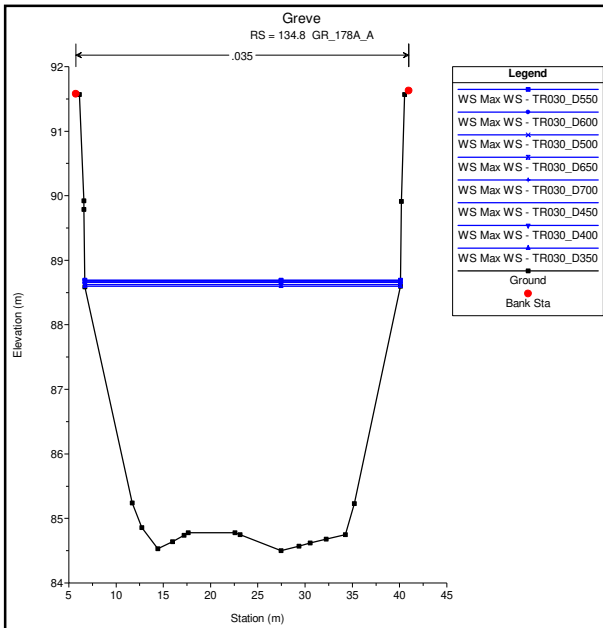


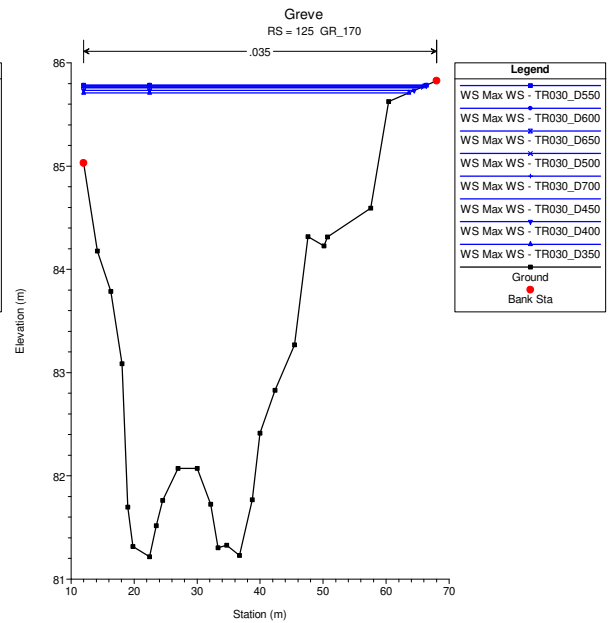
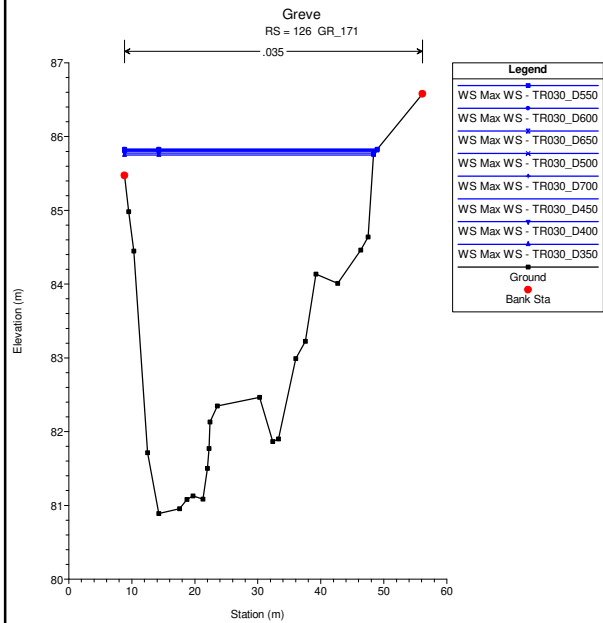
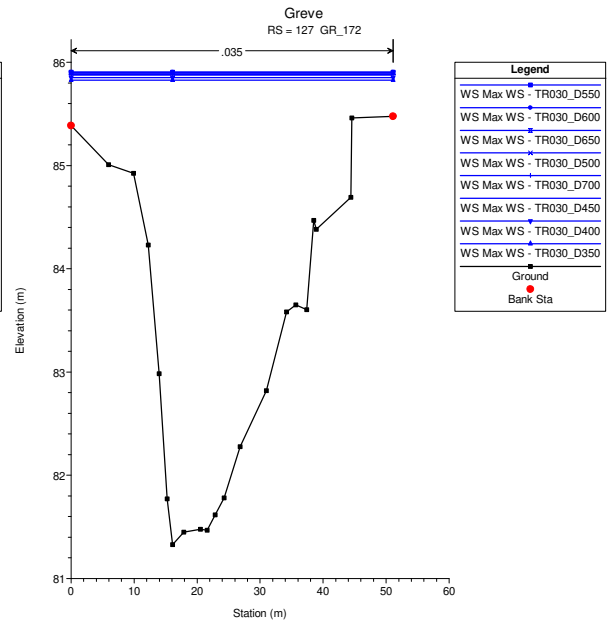
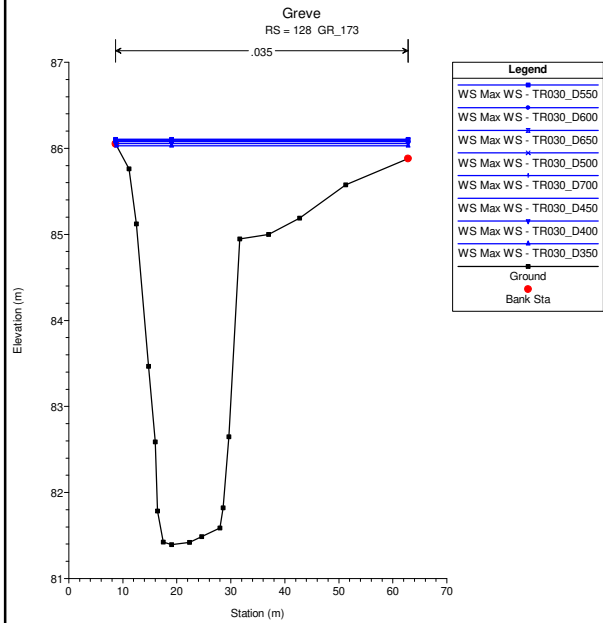
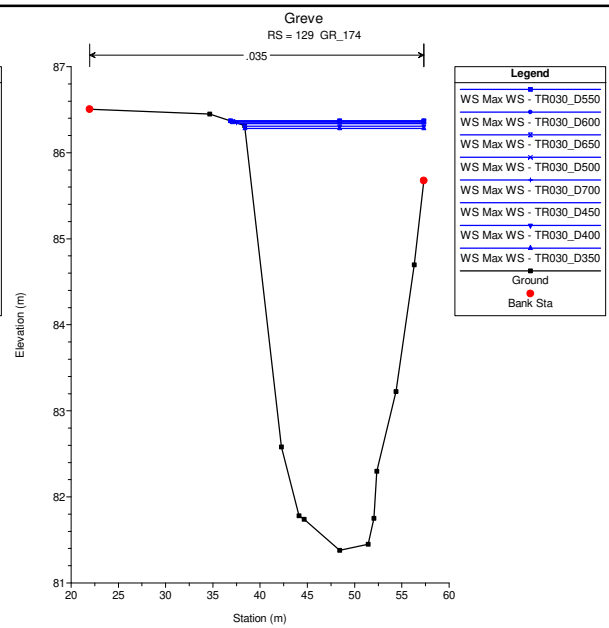
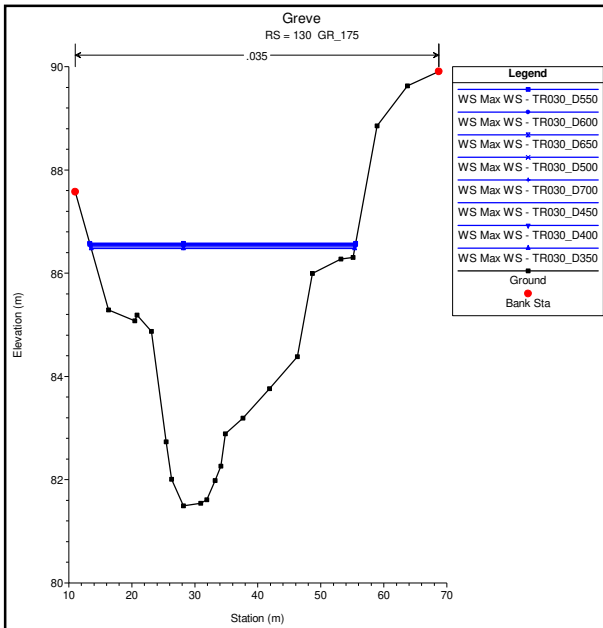


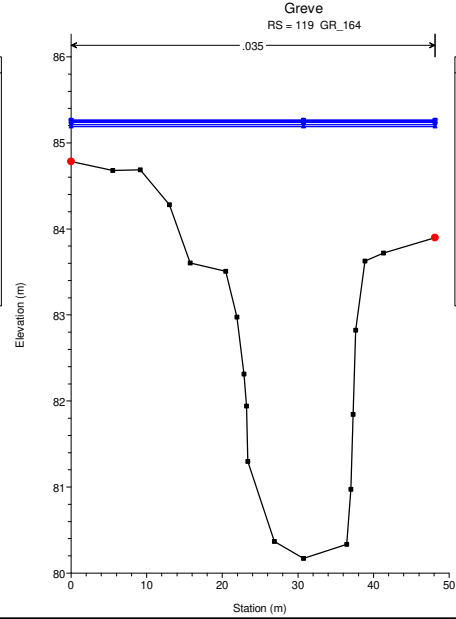
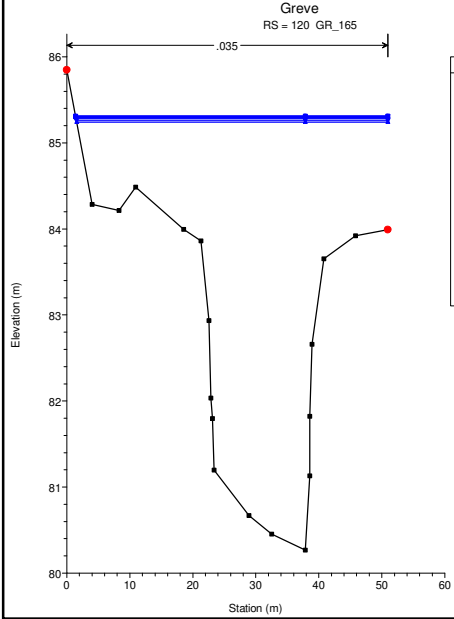
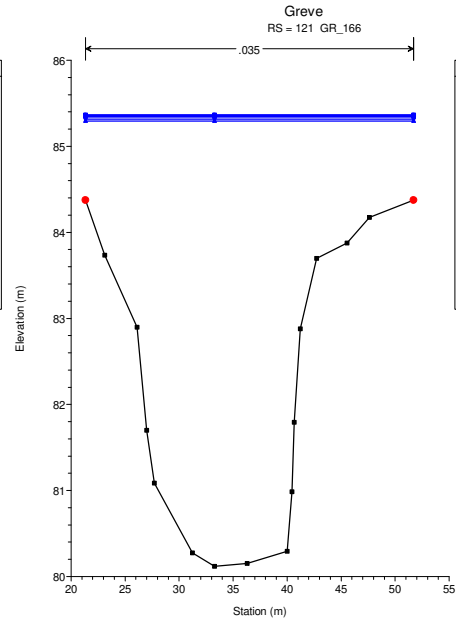
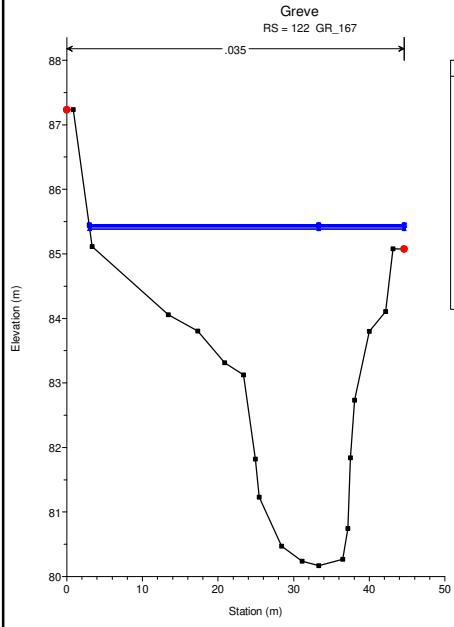
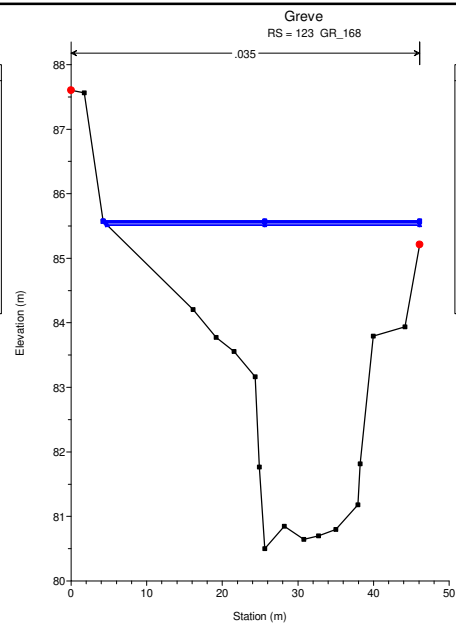
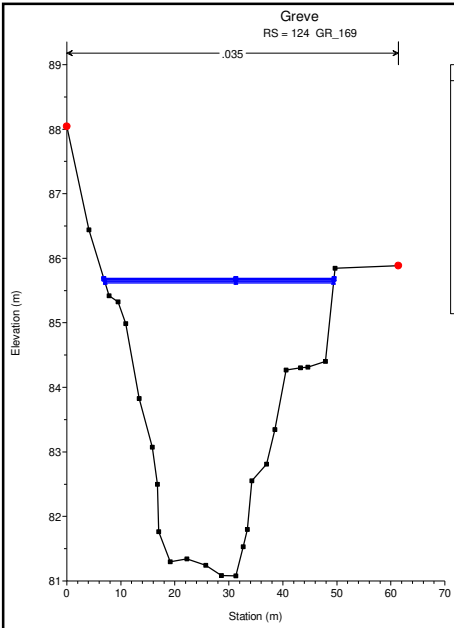


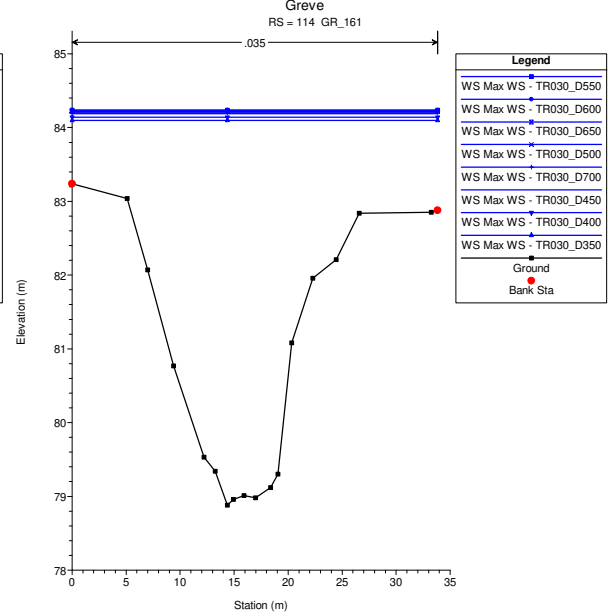
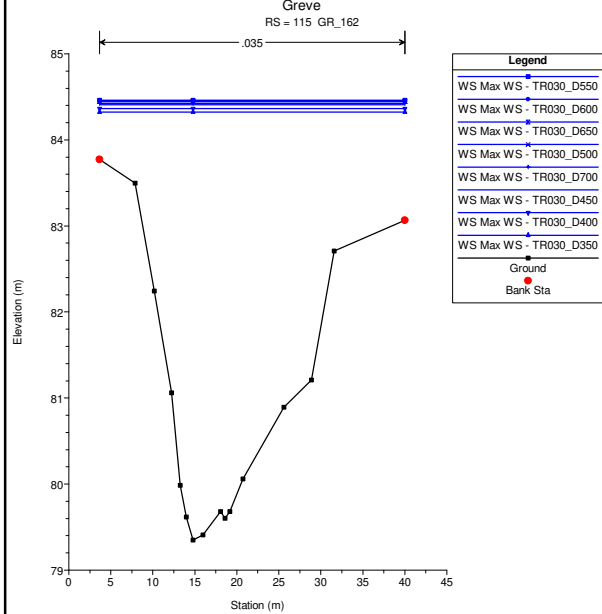
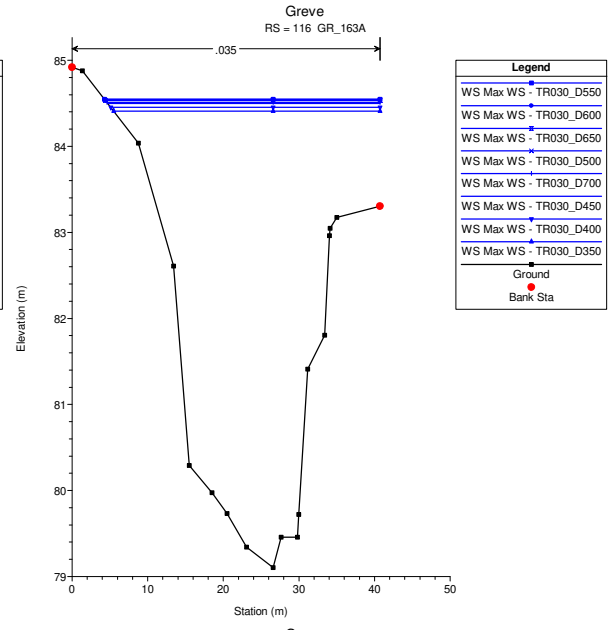
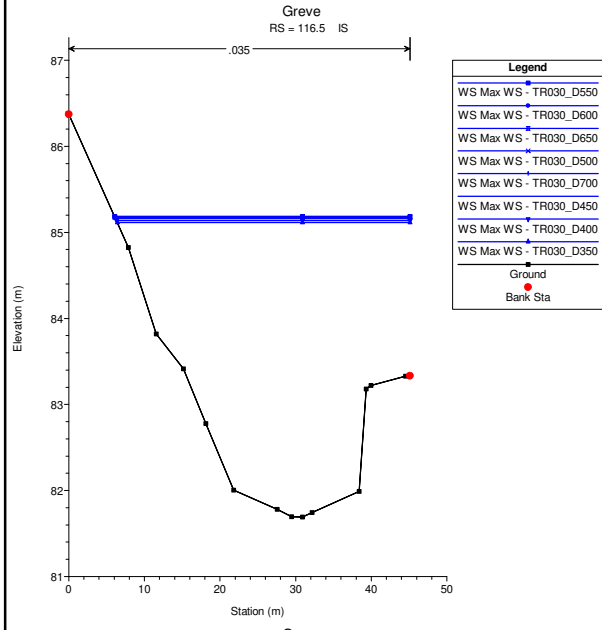
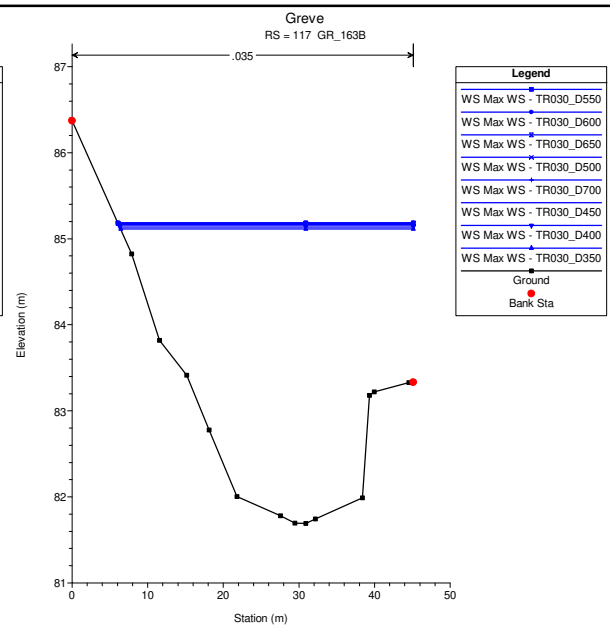
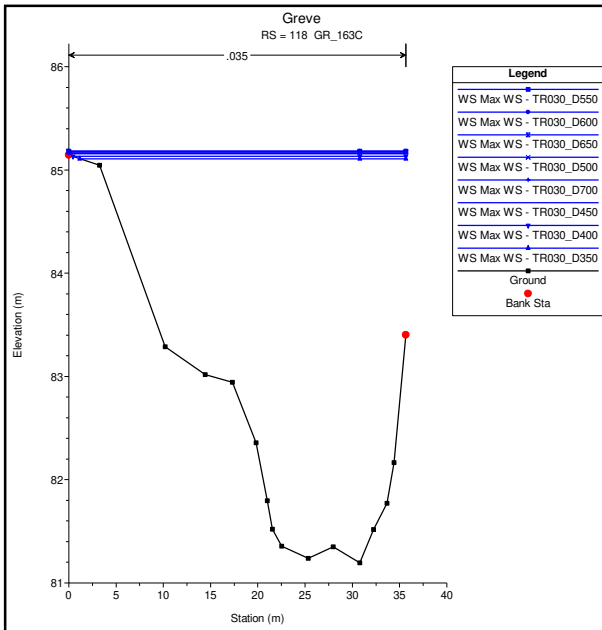


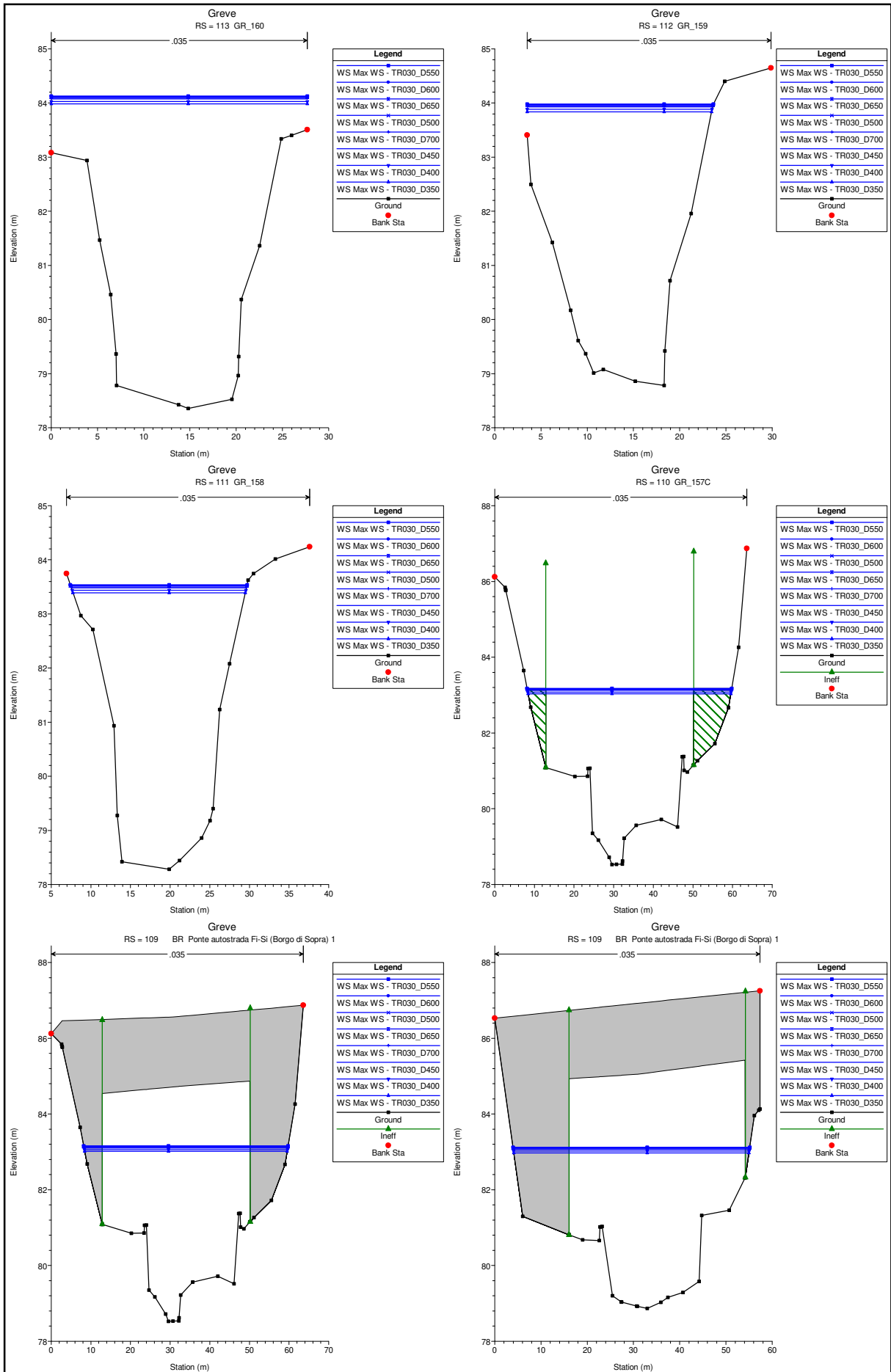


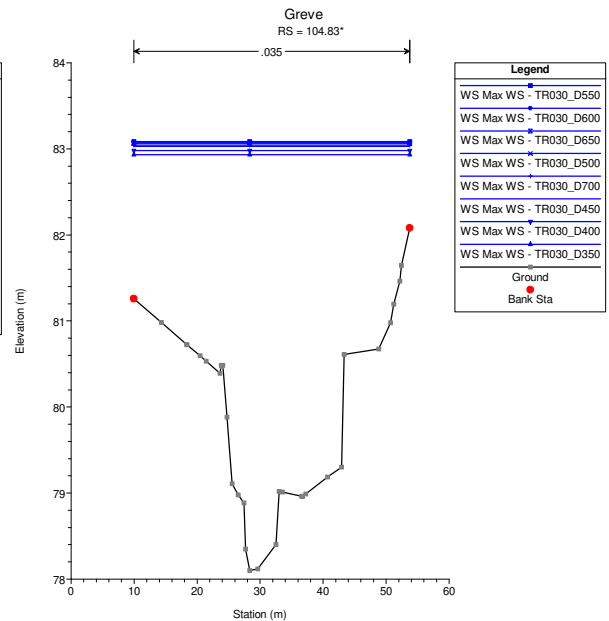
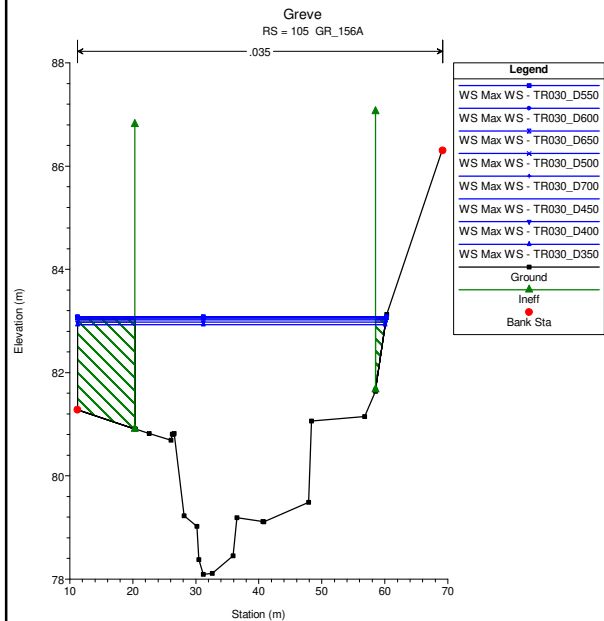
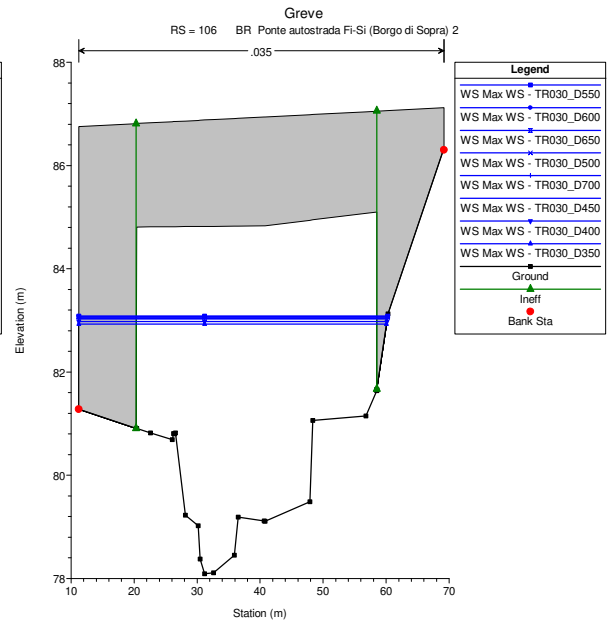
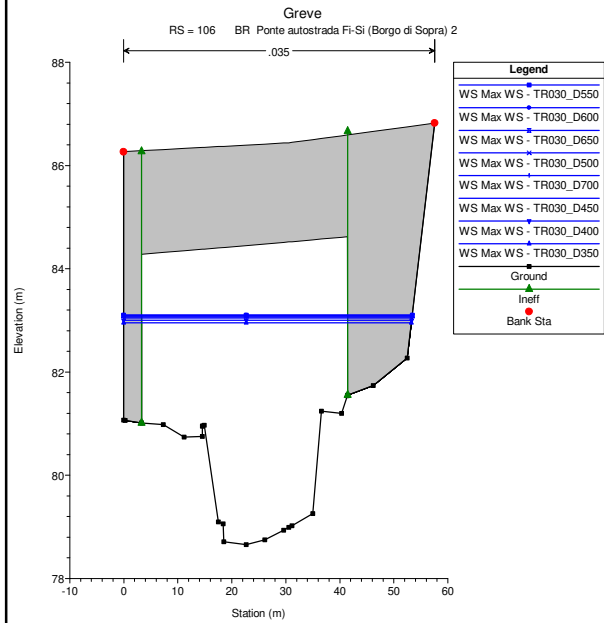
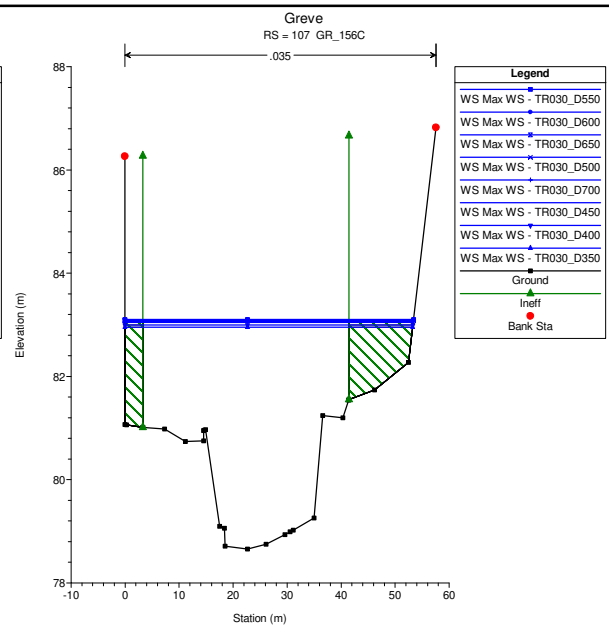
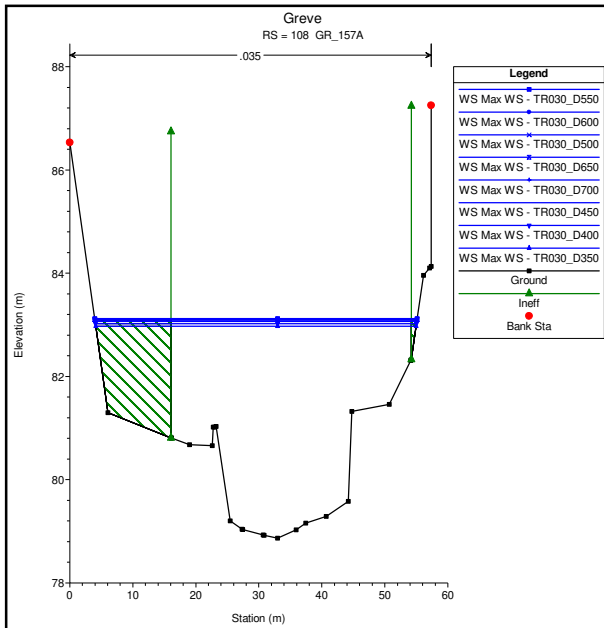


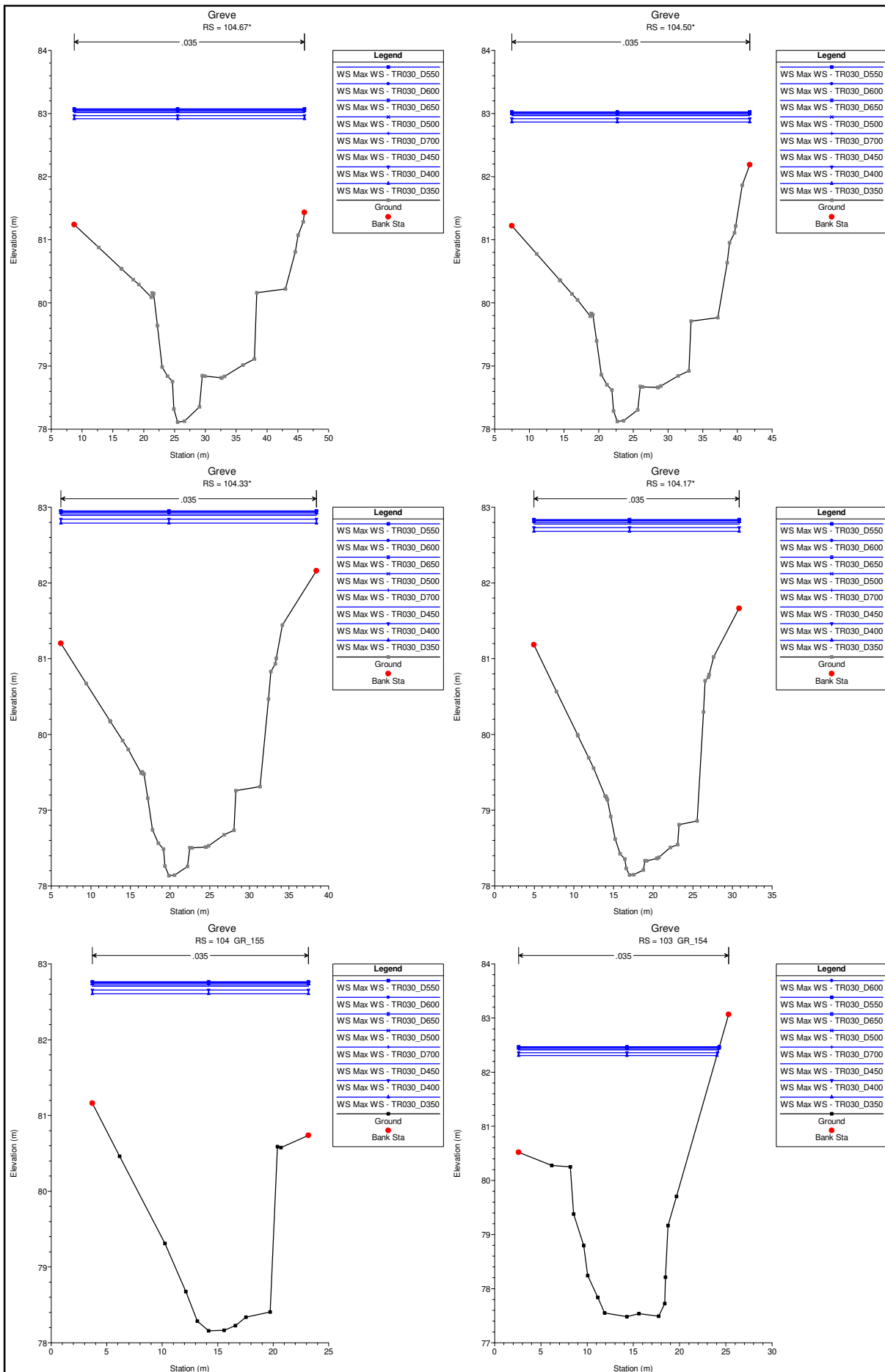


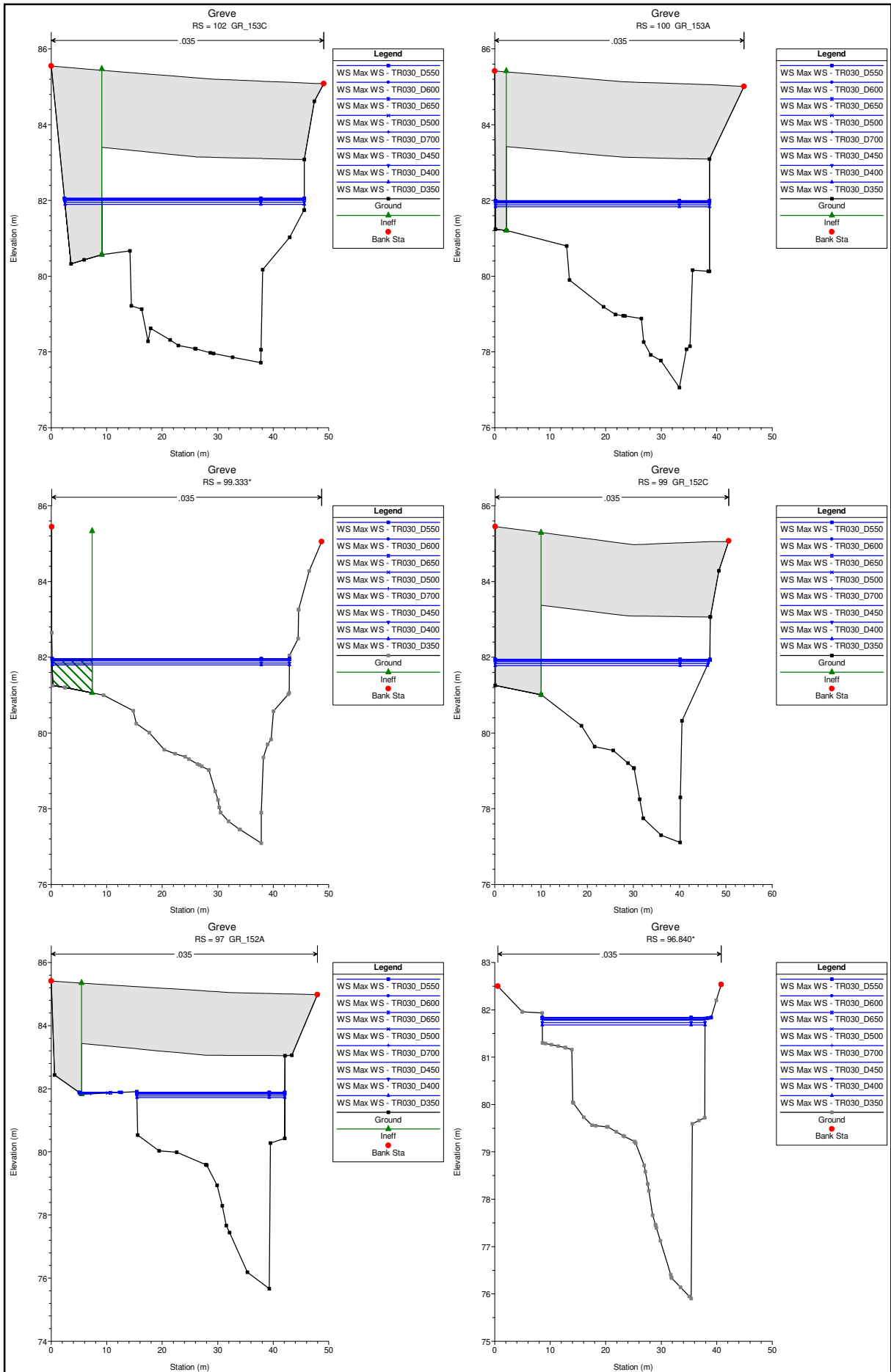


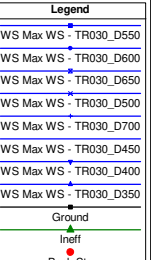
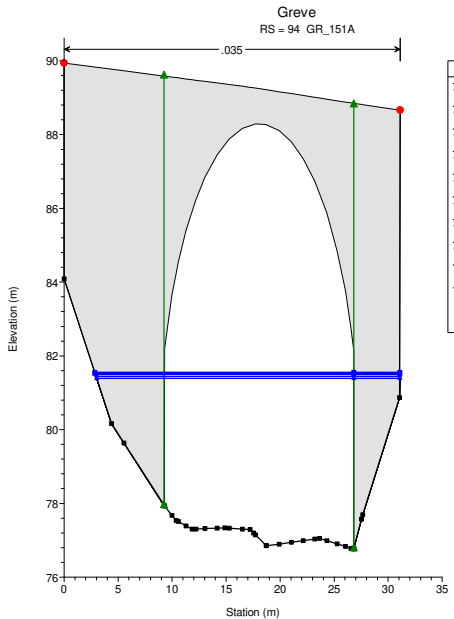
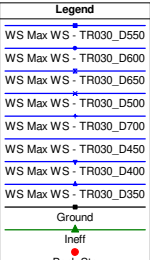
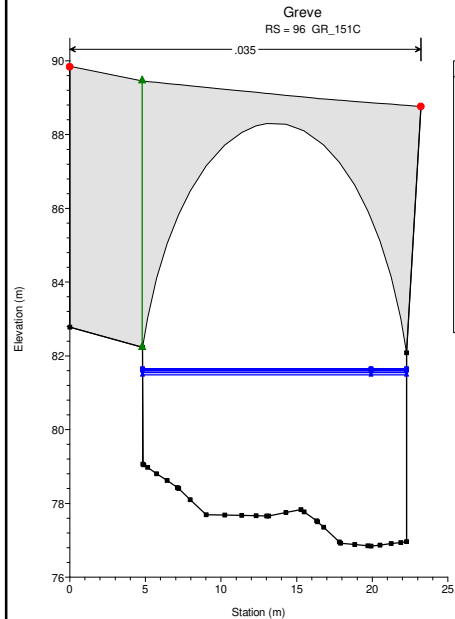
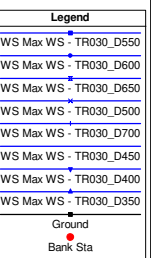
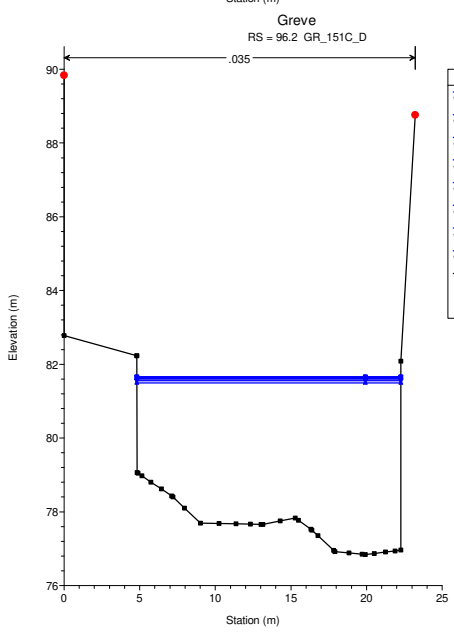
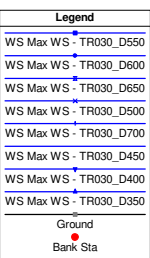
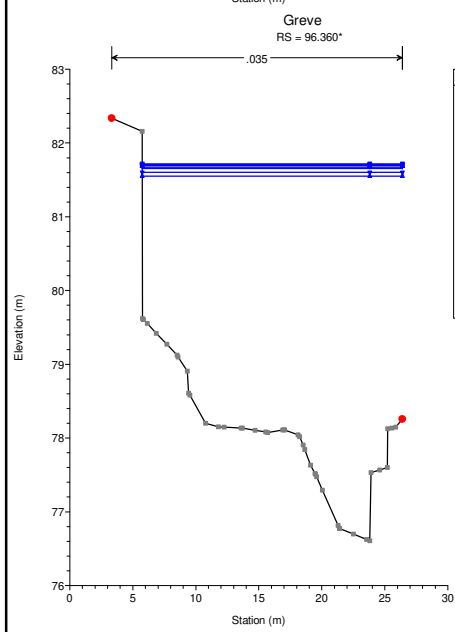
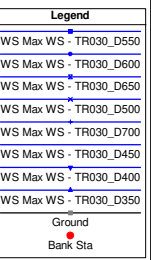
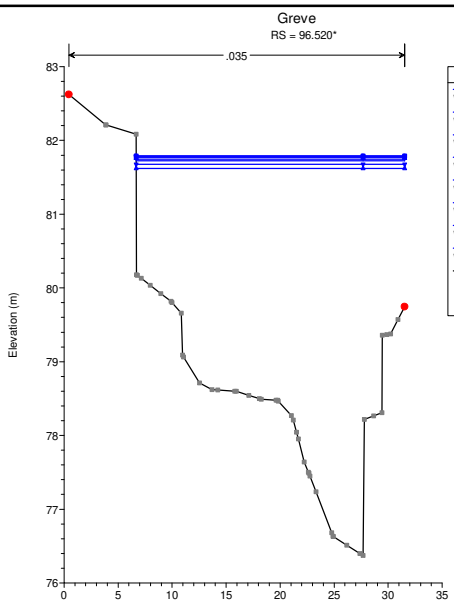
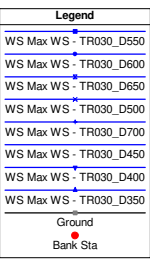
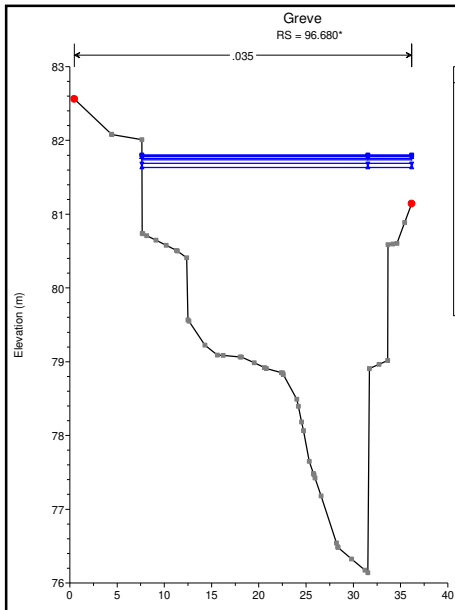


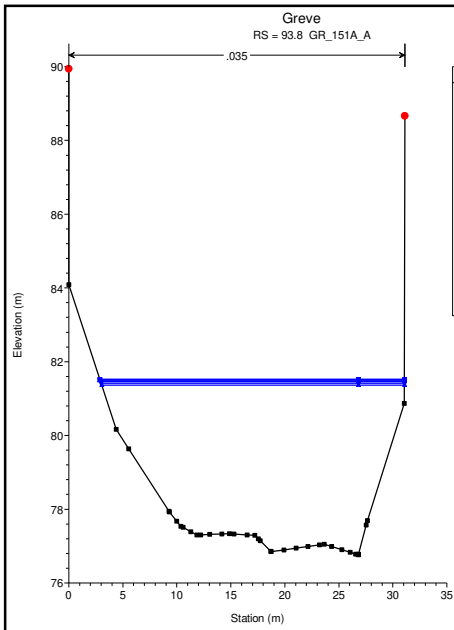




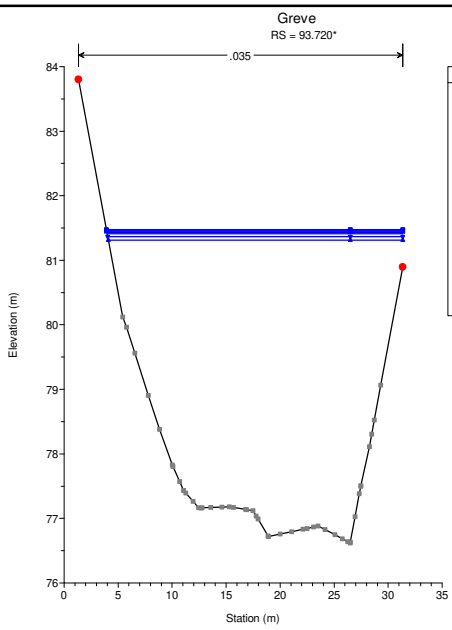




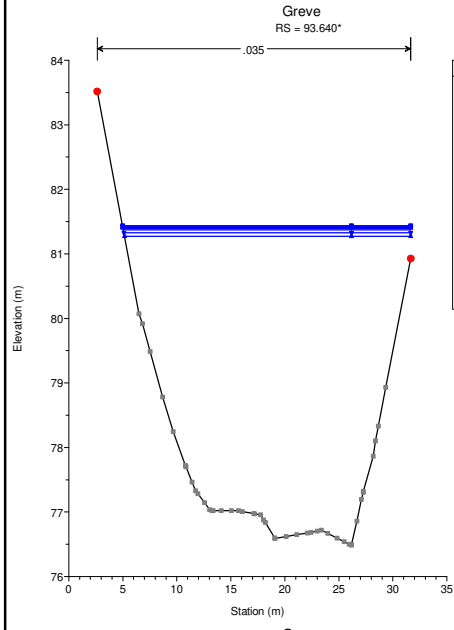




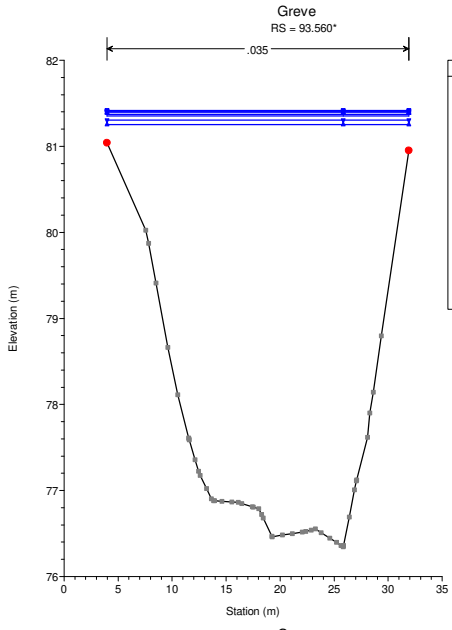
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WS Max WS - TR030_D600	—
WS Max WS - TR030_D650	—
WS Max WS - TR030_D500	—
WS Max WS - TR030_D700	—
WS Max WS - TR030_D450	—
WS Max WS - TR030_D400	—
WS Max WS - TR030_D350	—
Ground	—
Bank Sta	●



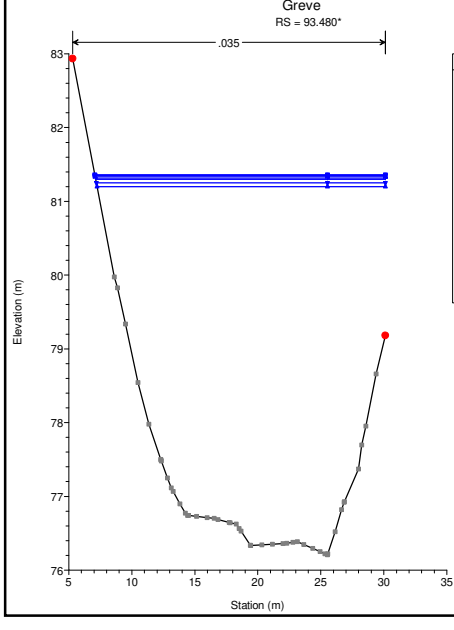
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WS Max WS - TR030_D350	—
Ground	—
Bank Sta	●



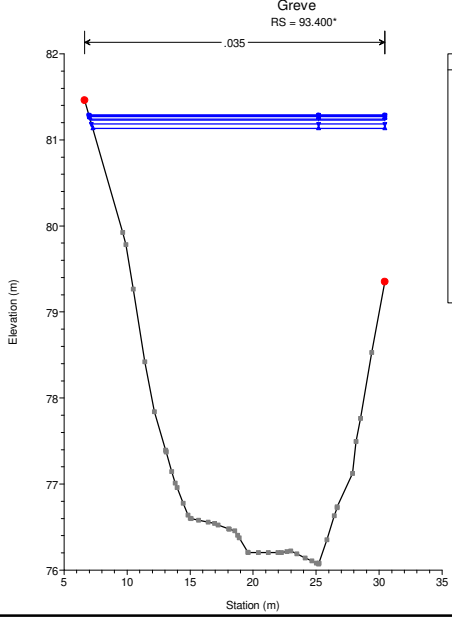
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WS Max WS - TR030_D400	—
WS Max WS - TR030_D350	—
Ground	—
Bank Sta	●



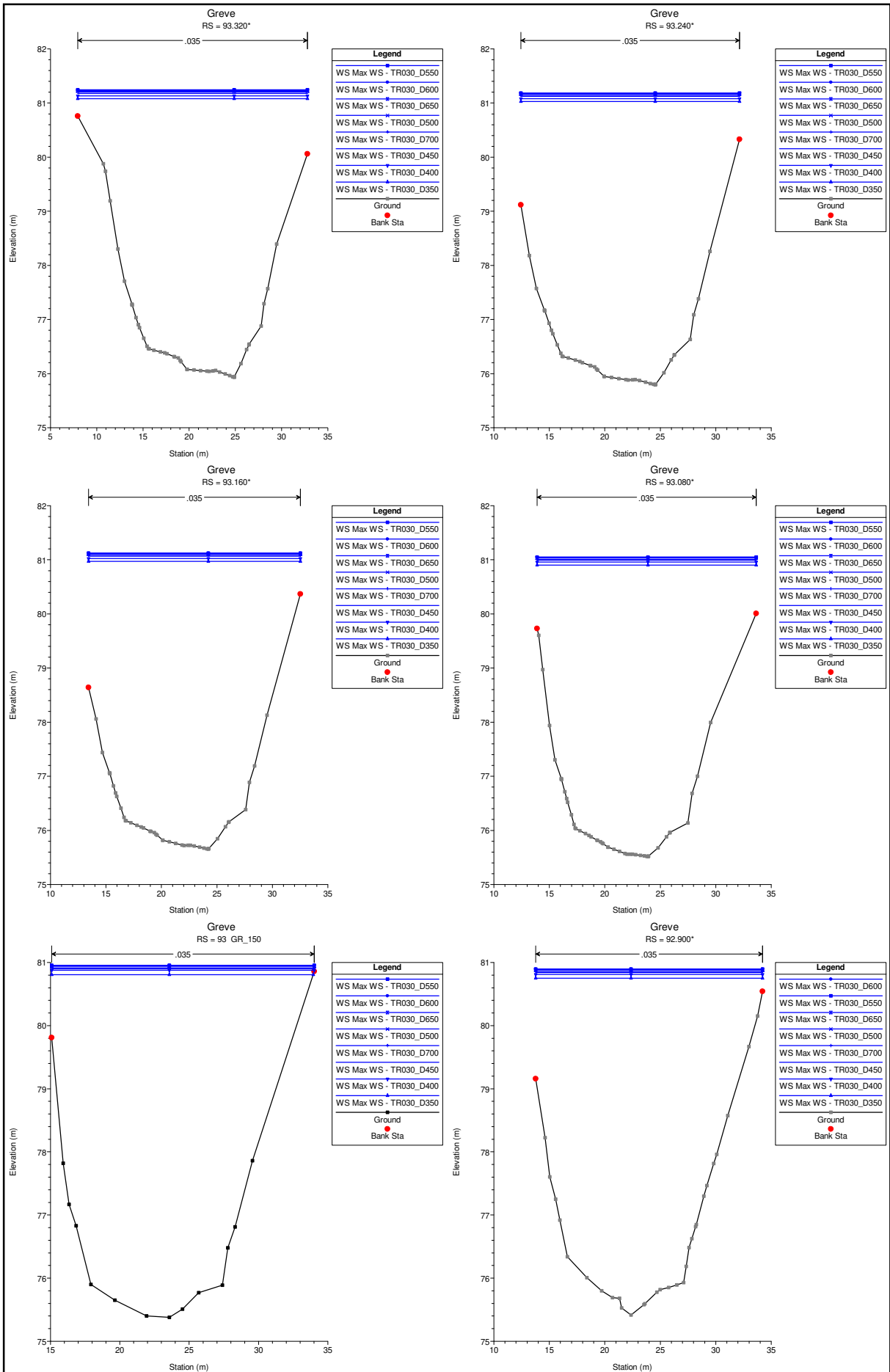
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Ground	—
Bank Sta	●

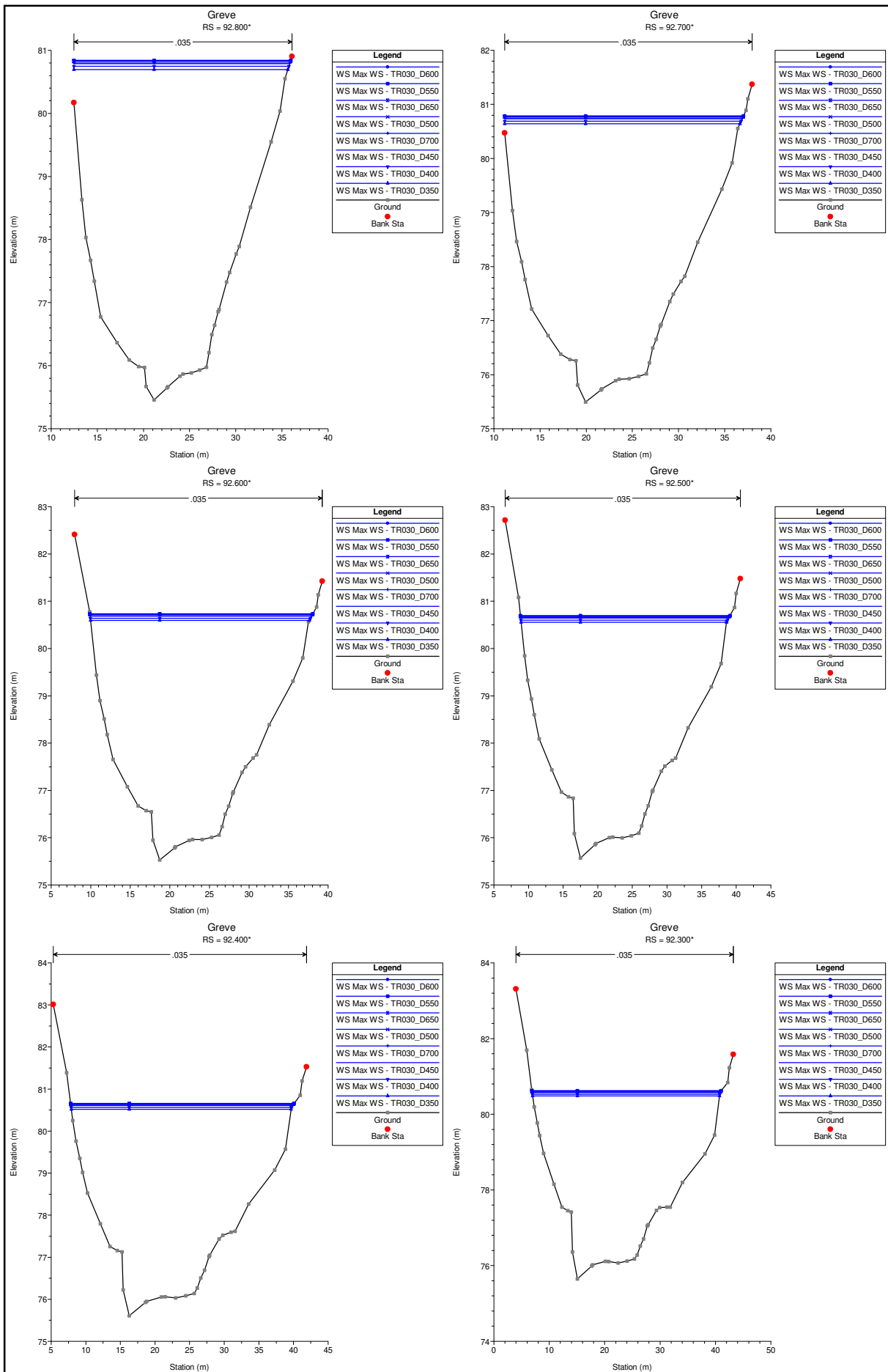


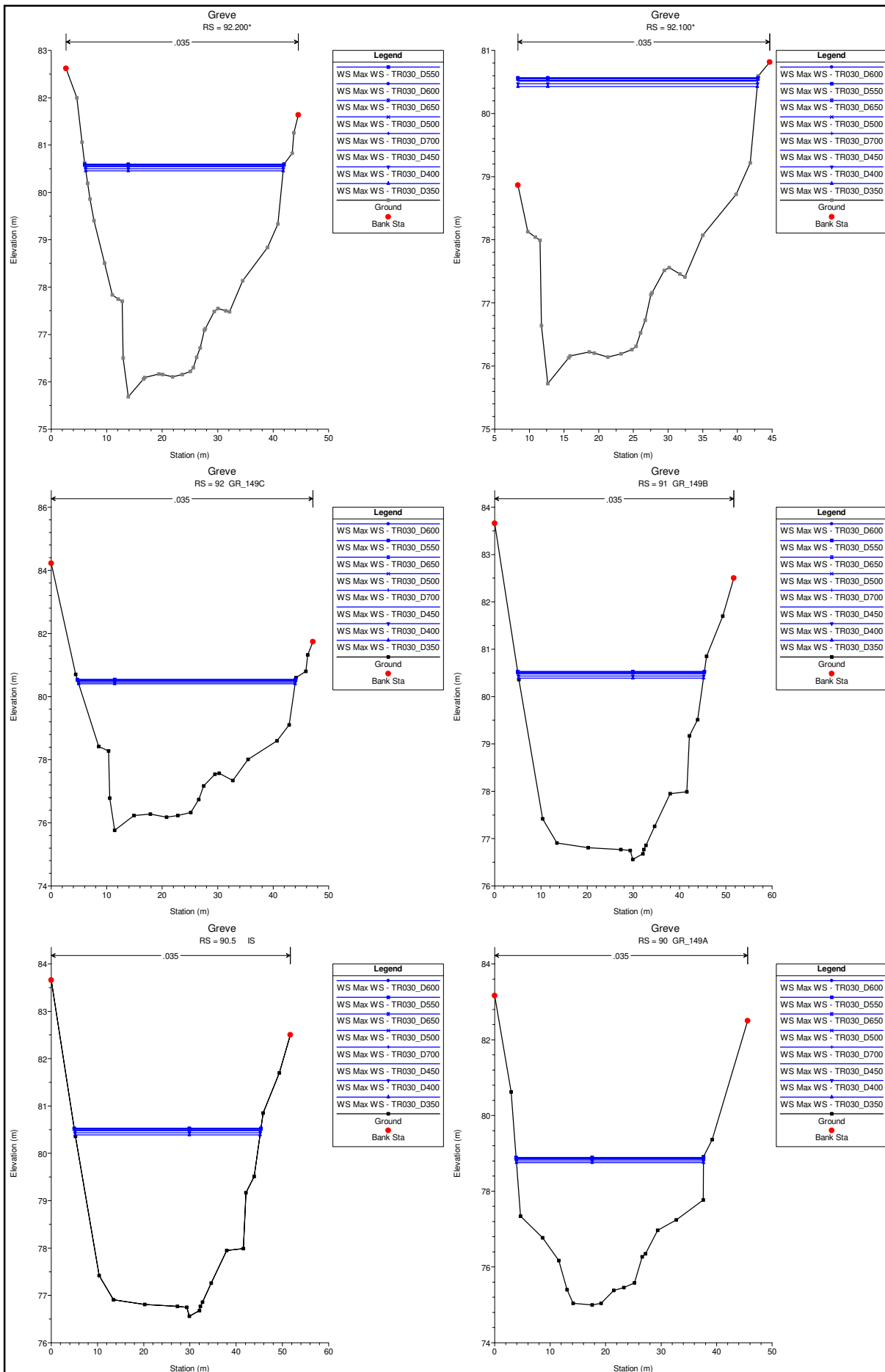
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WS Max WS - TR030_D350	—
Ground	—
Bank Sta	●

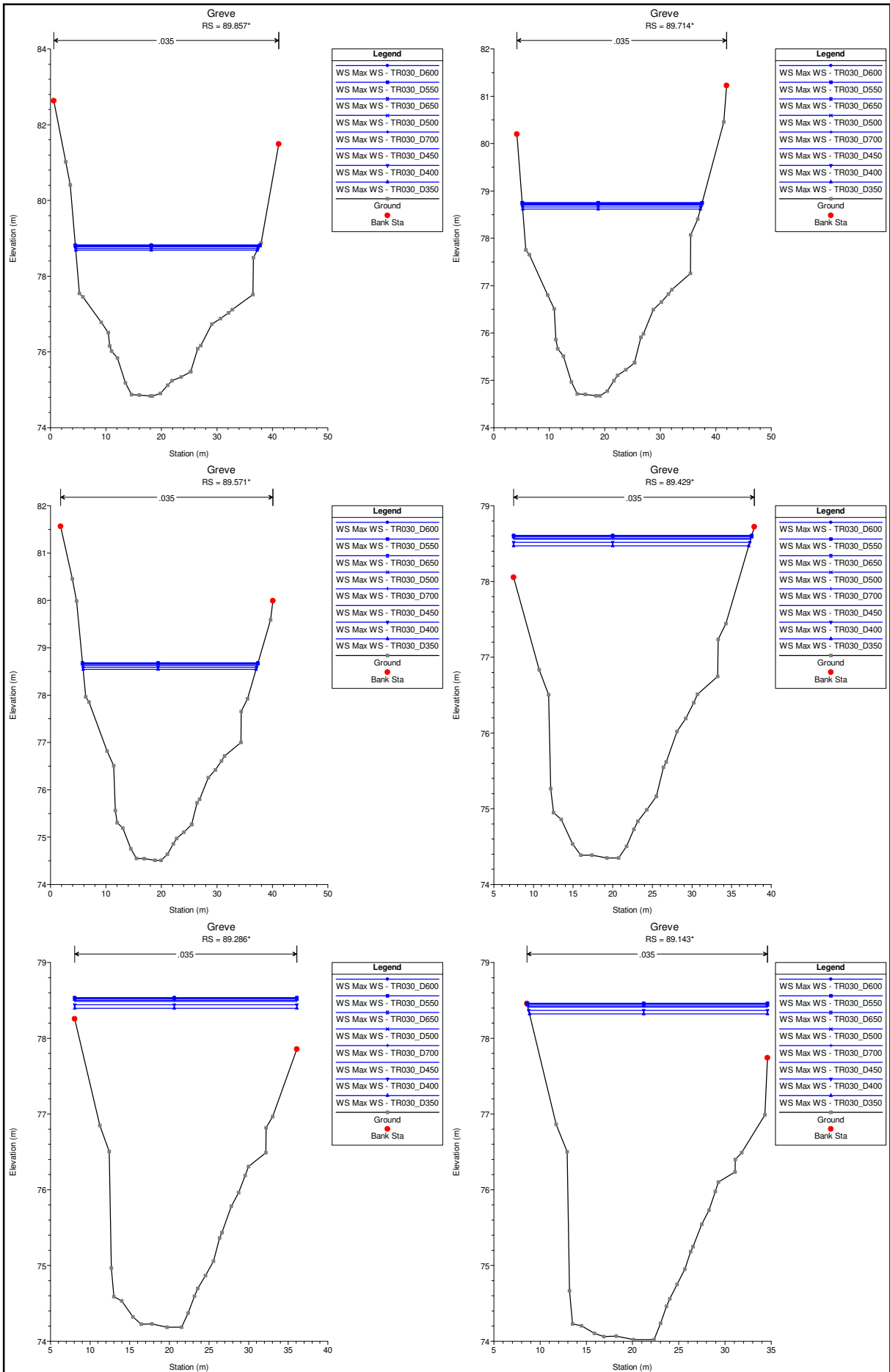


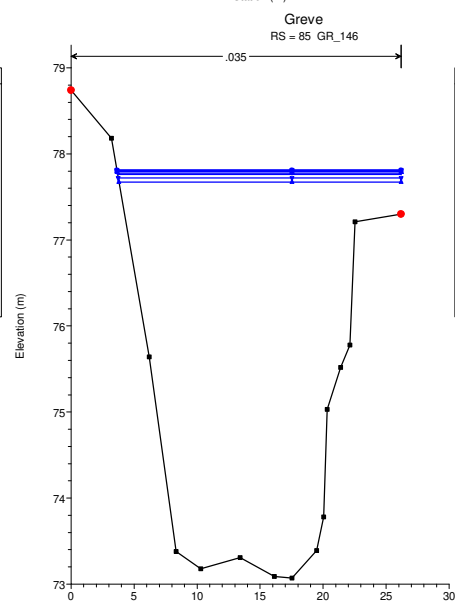
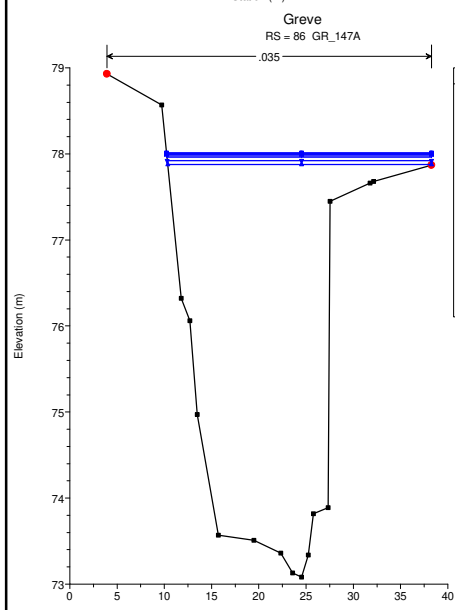
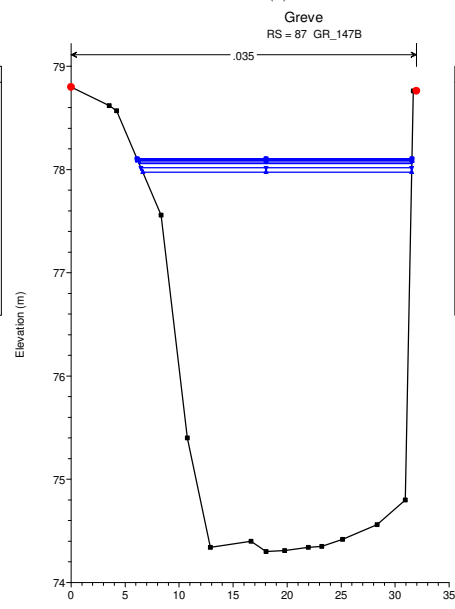
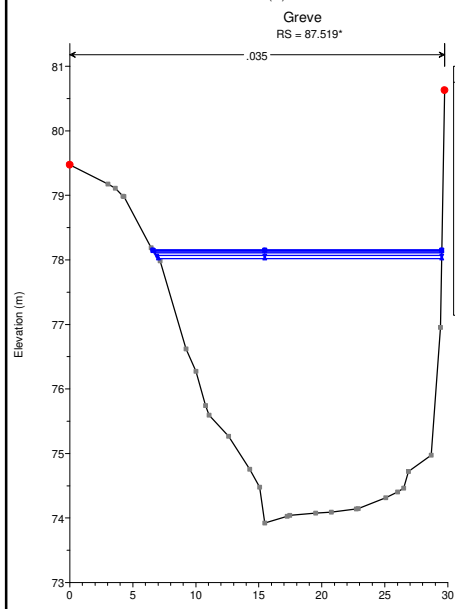
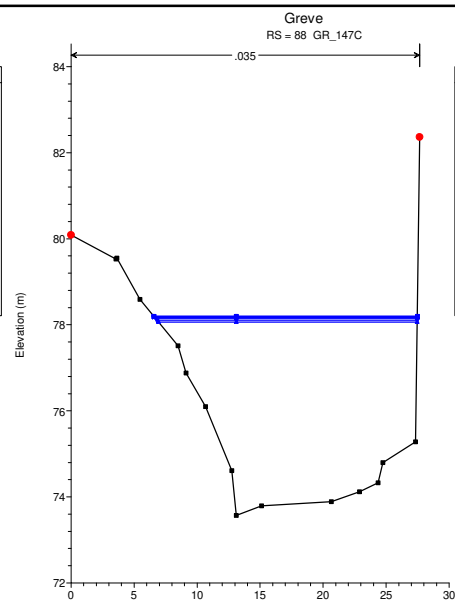
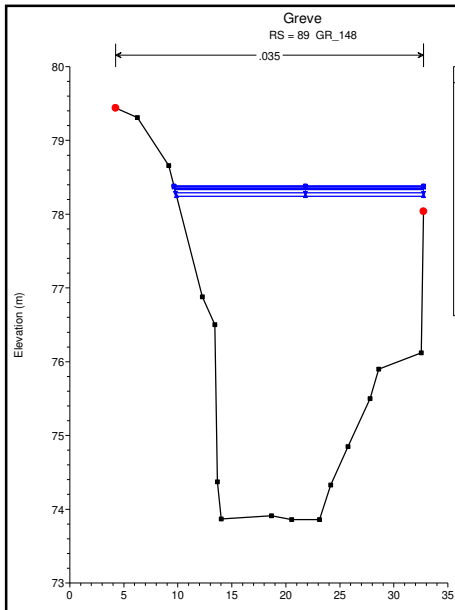
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WS Max WS - TR030_D550	—
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WS Max WS - TR030_D650	—
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Ground	—
Bank Sta	●

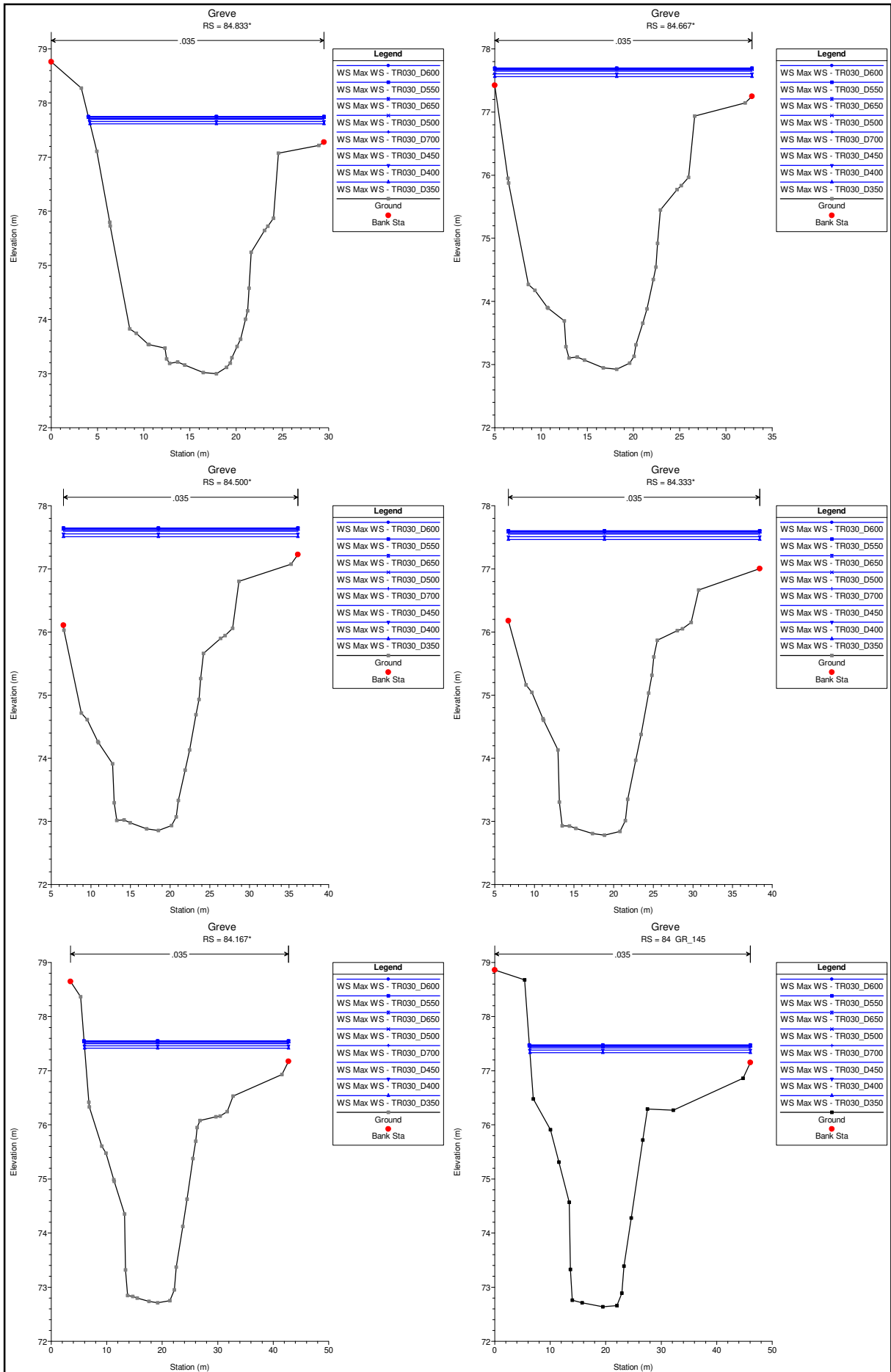


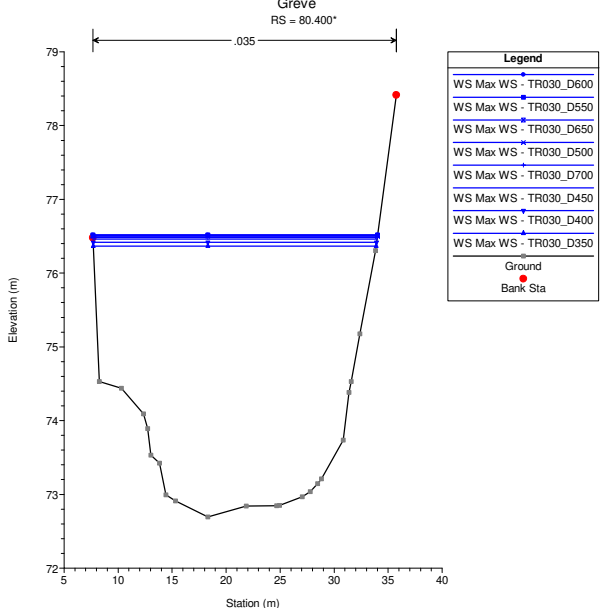
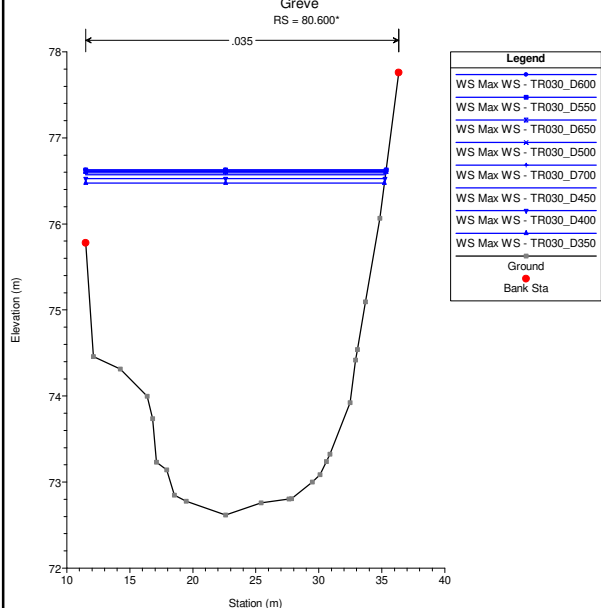
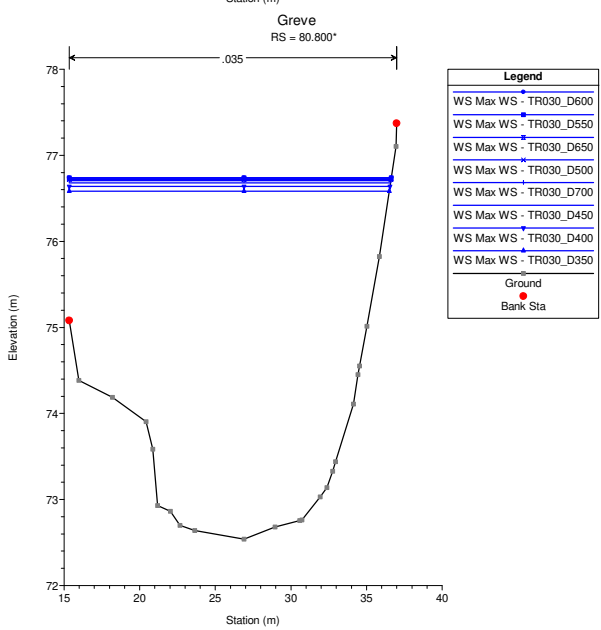
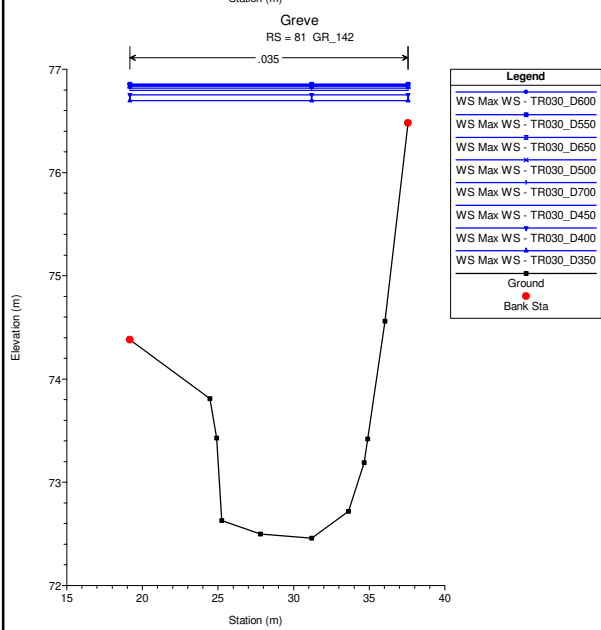
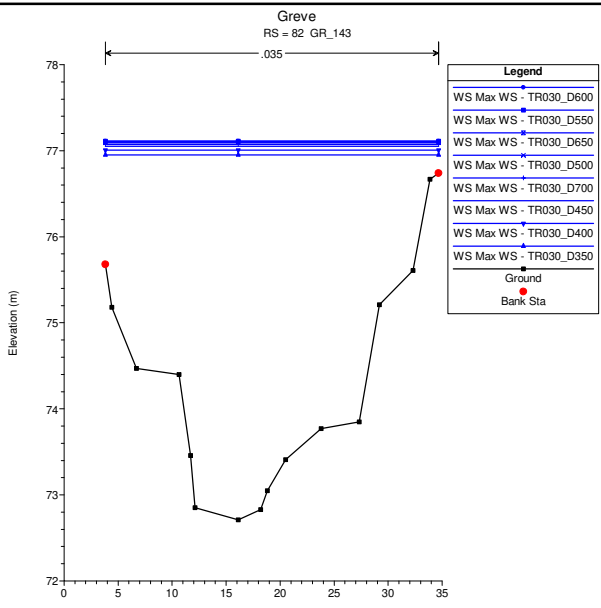
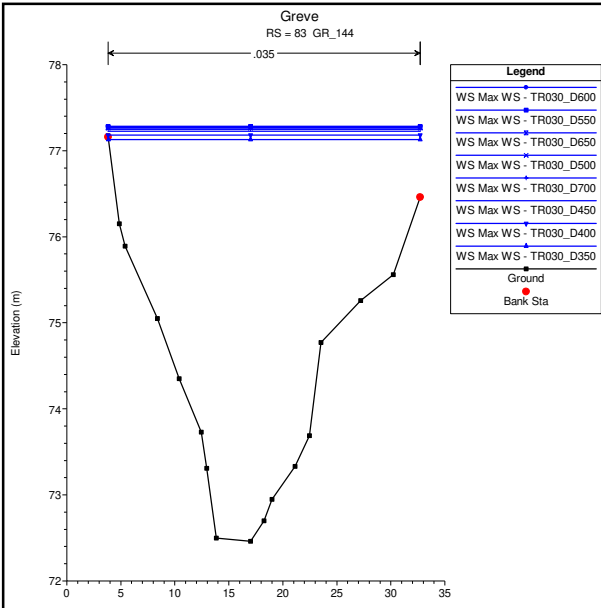


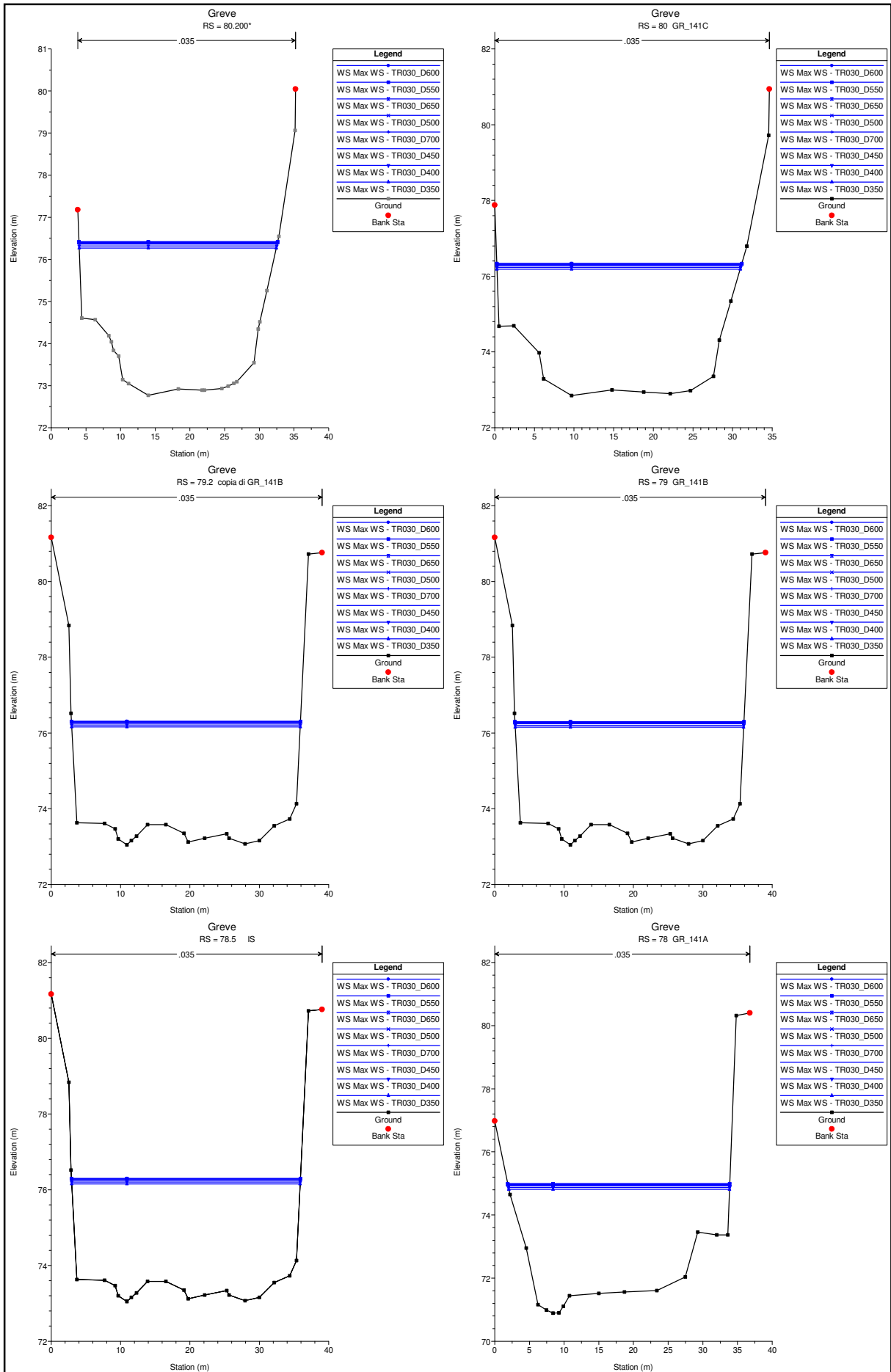


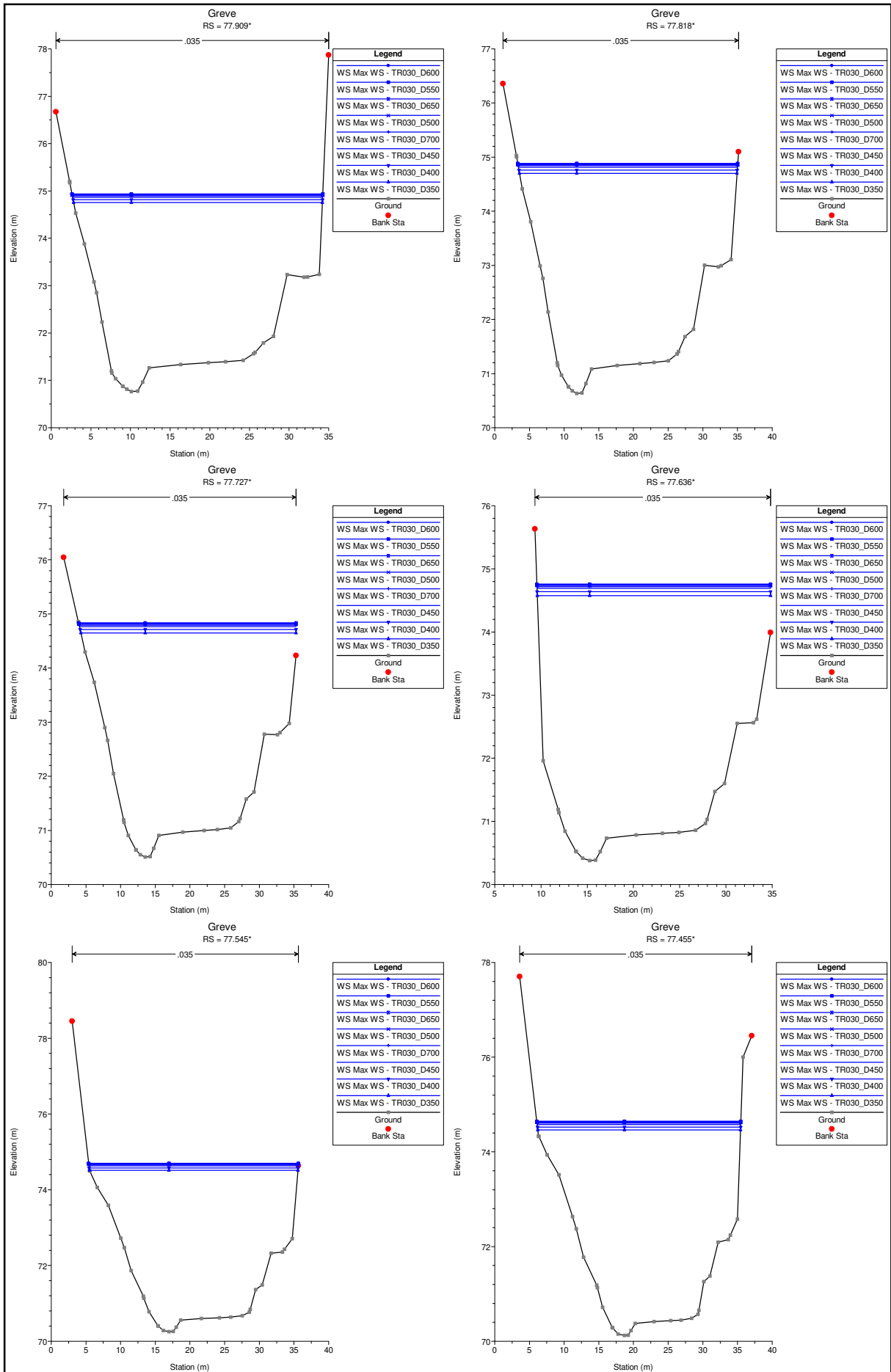


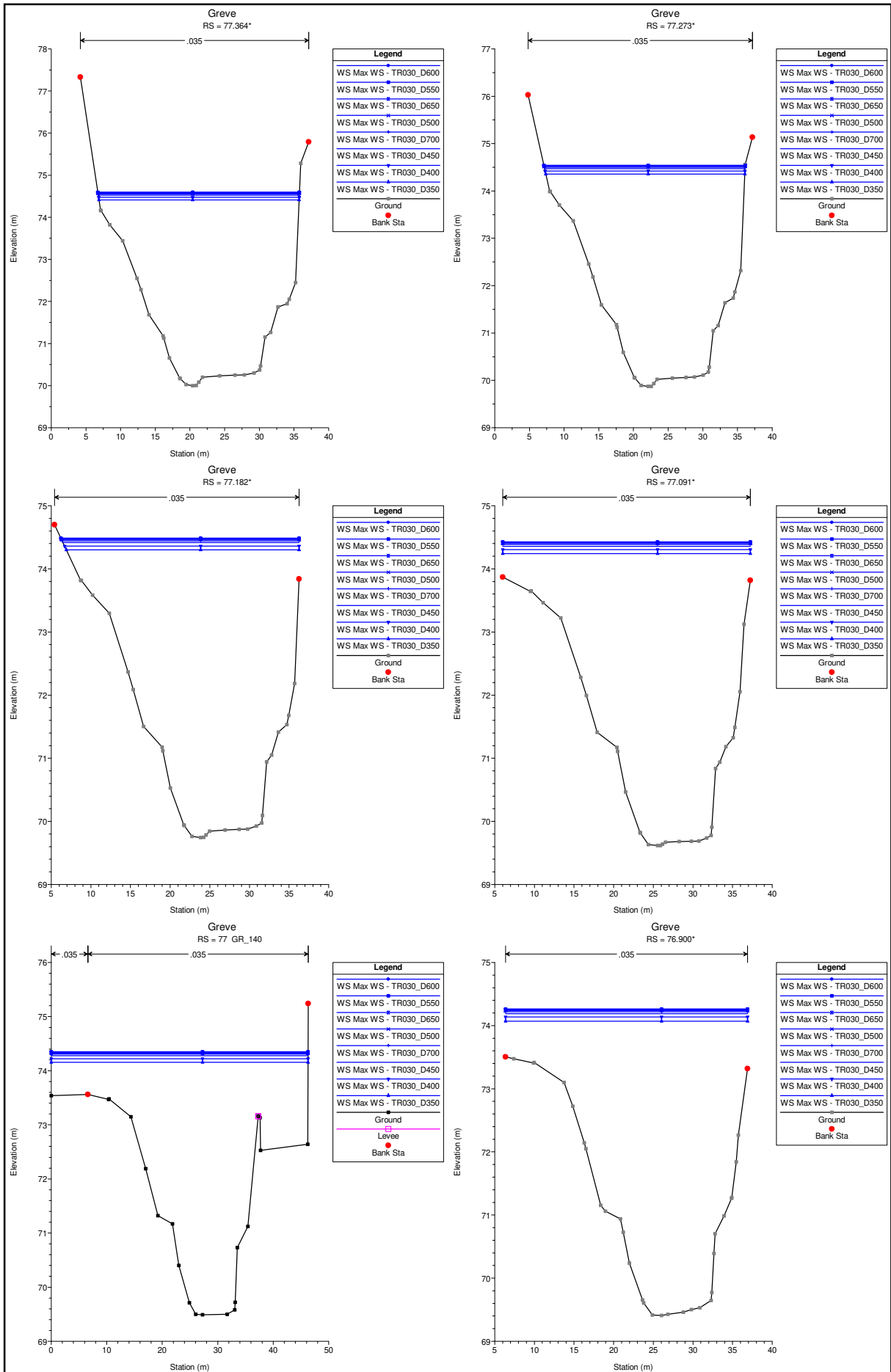


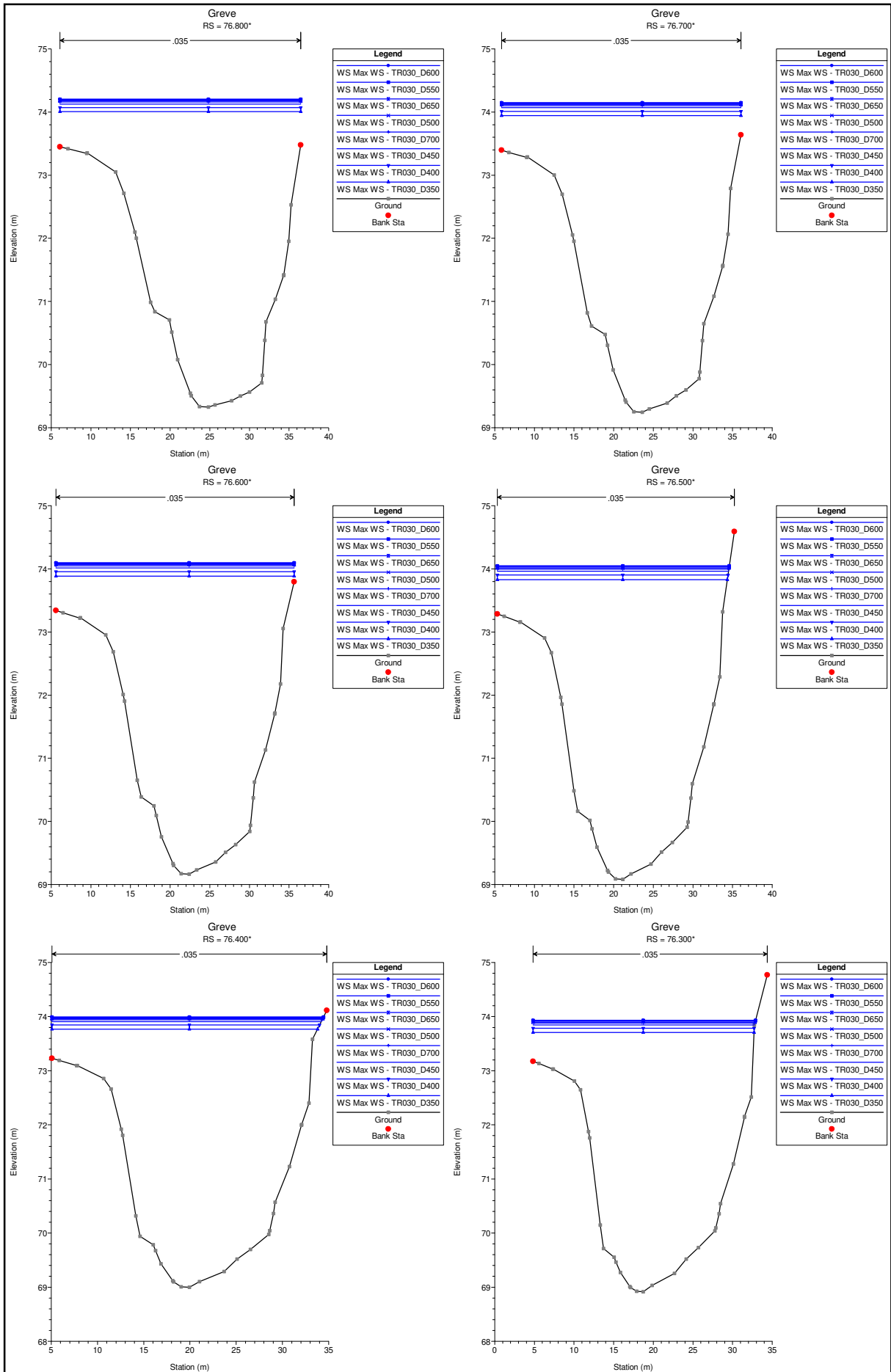


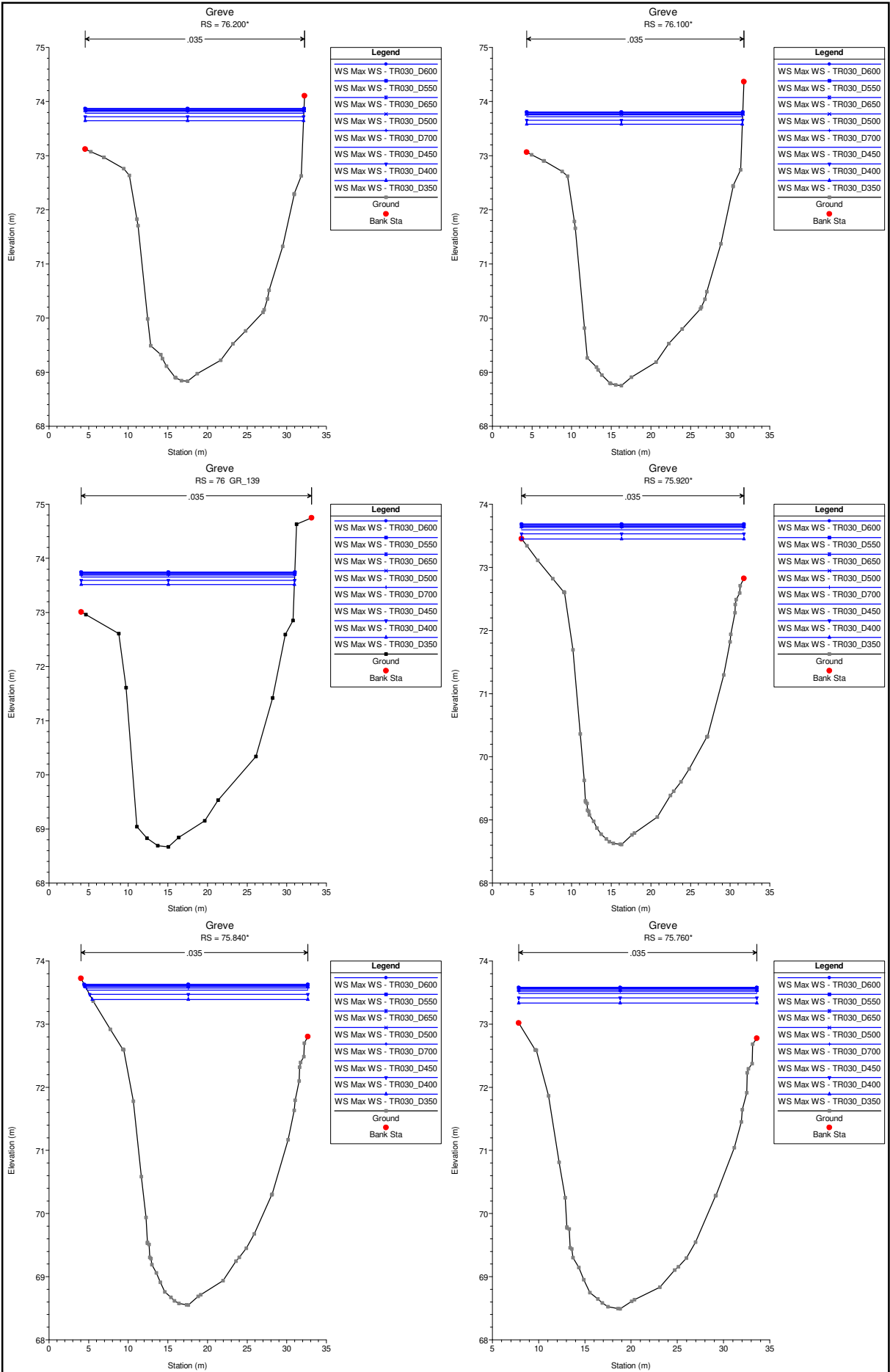


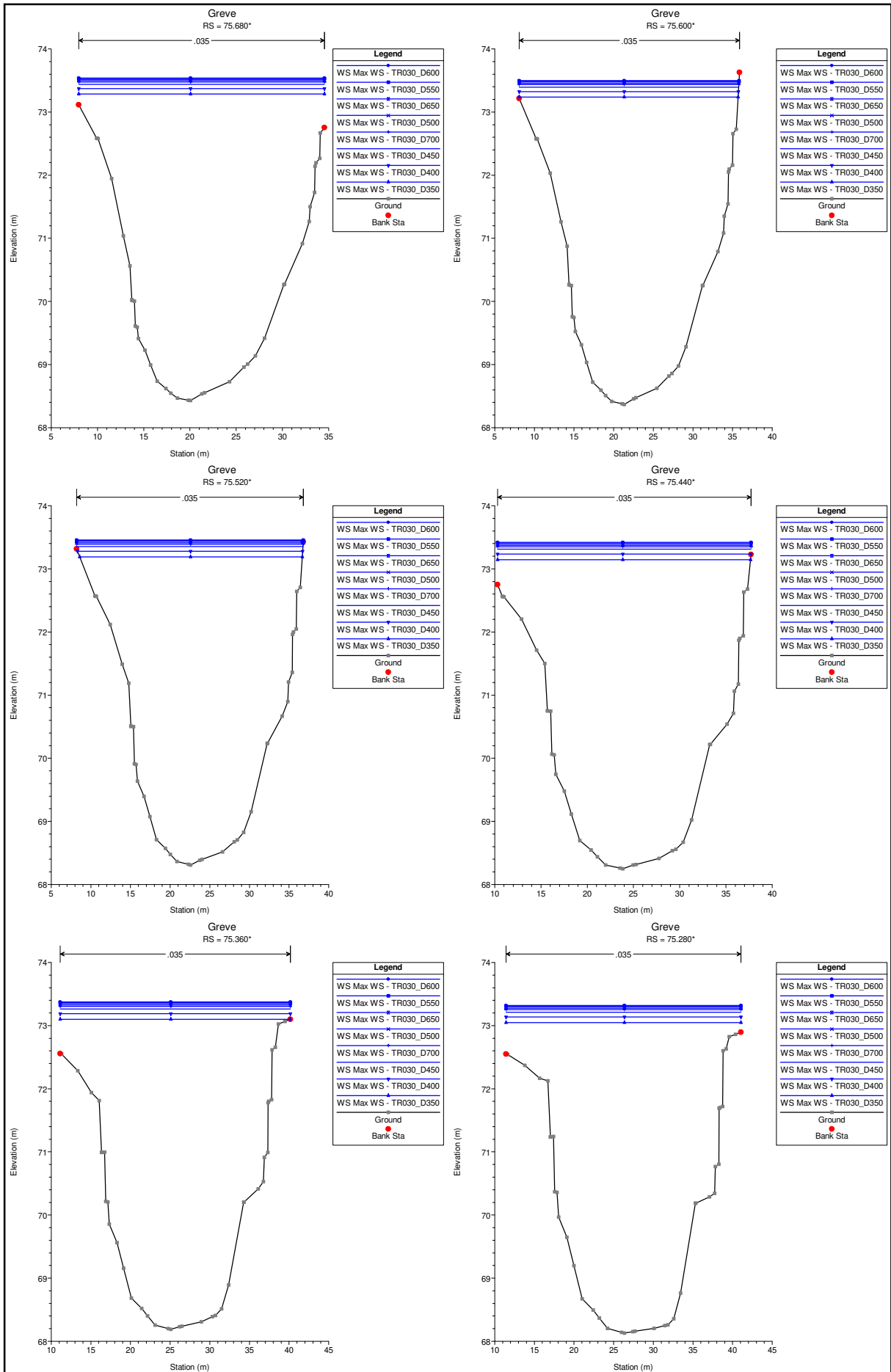


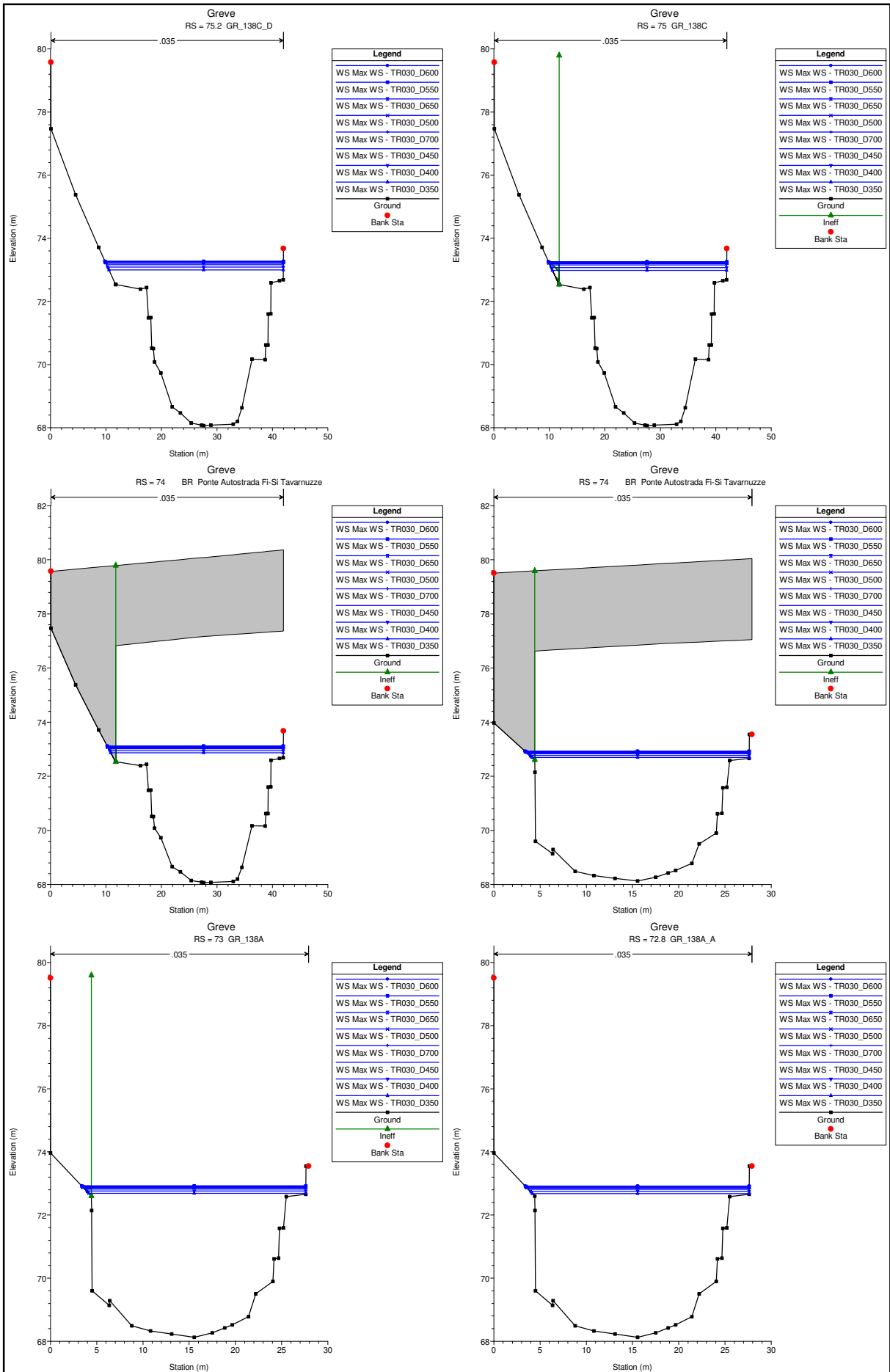


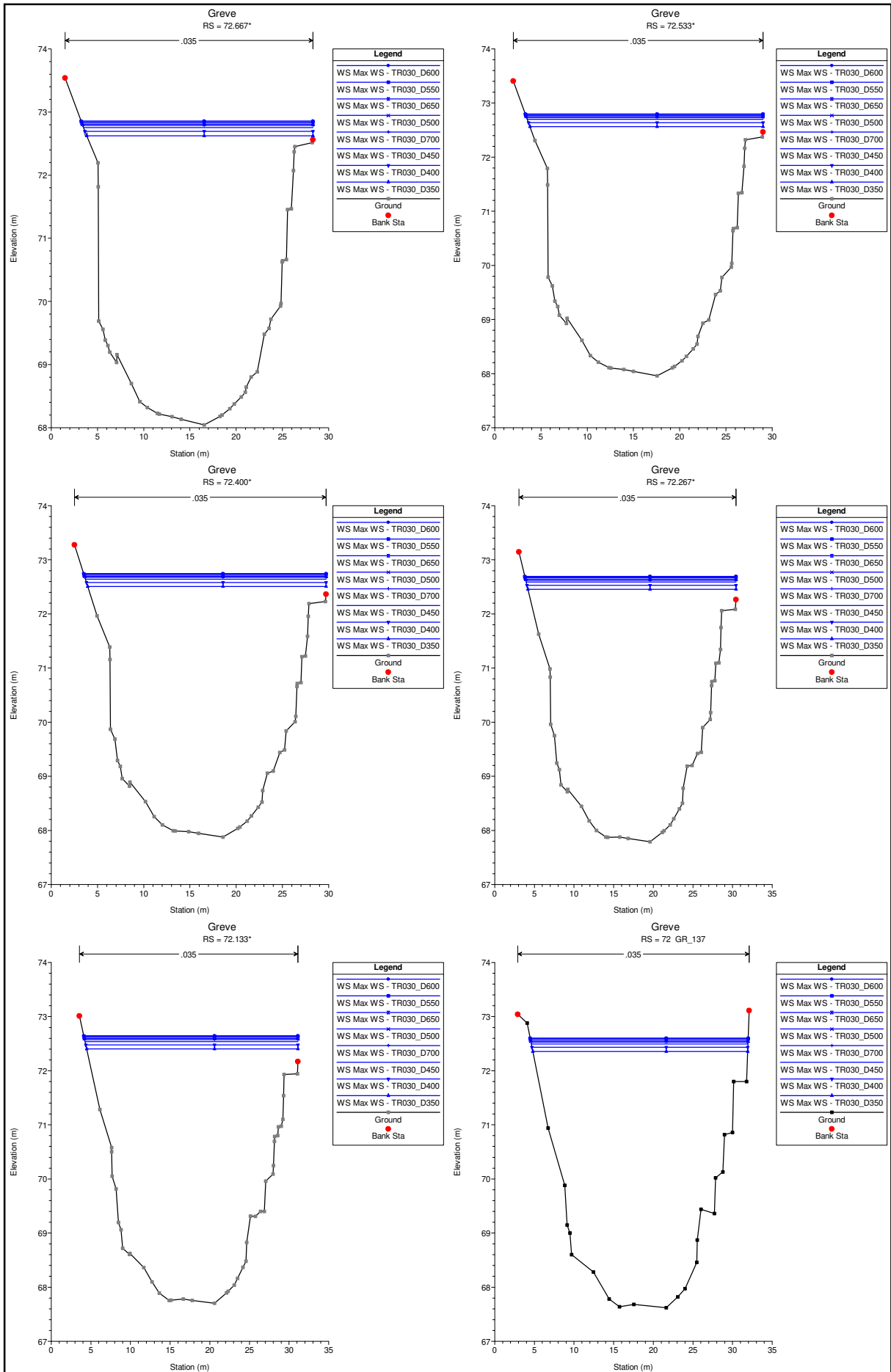


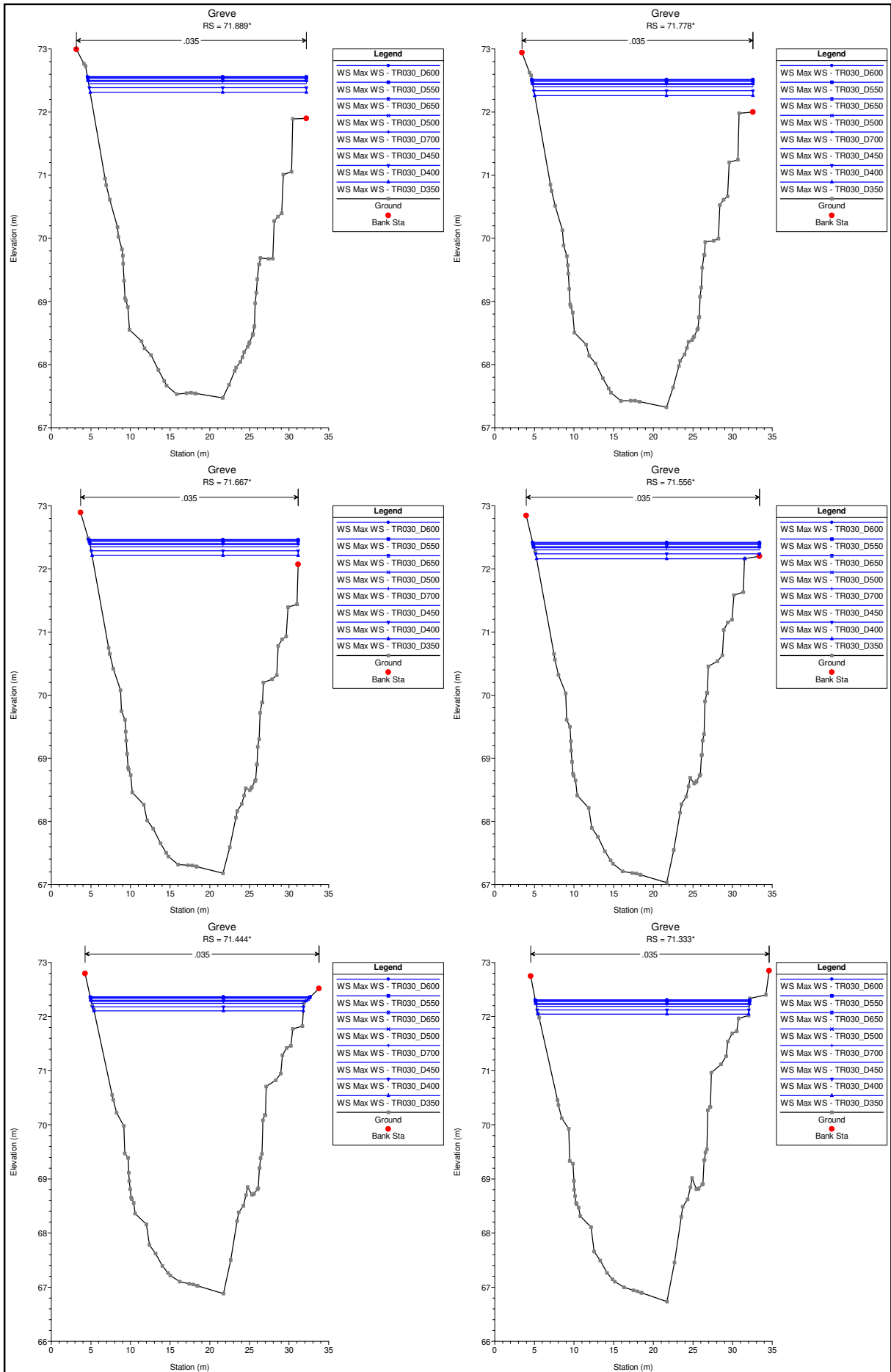


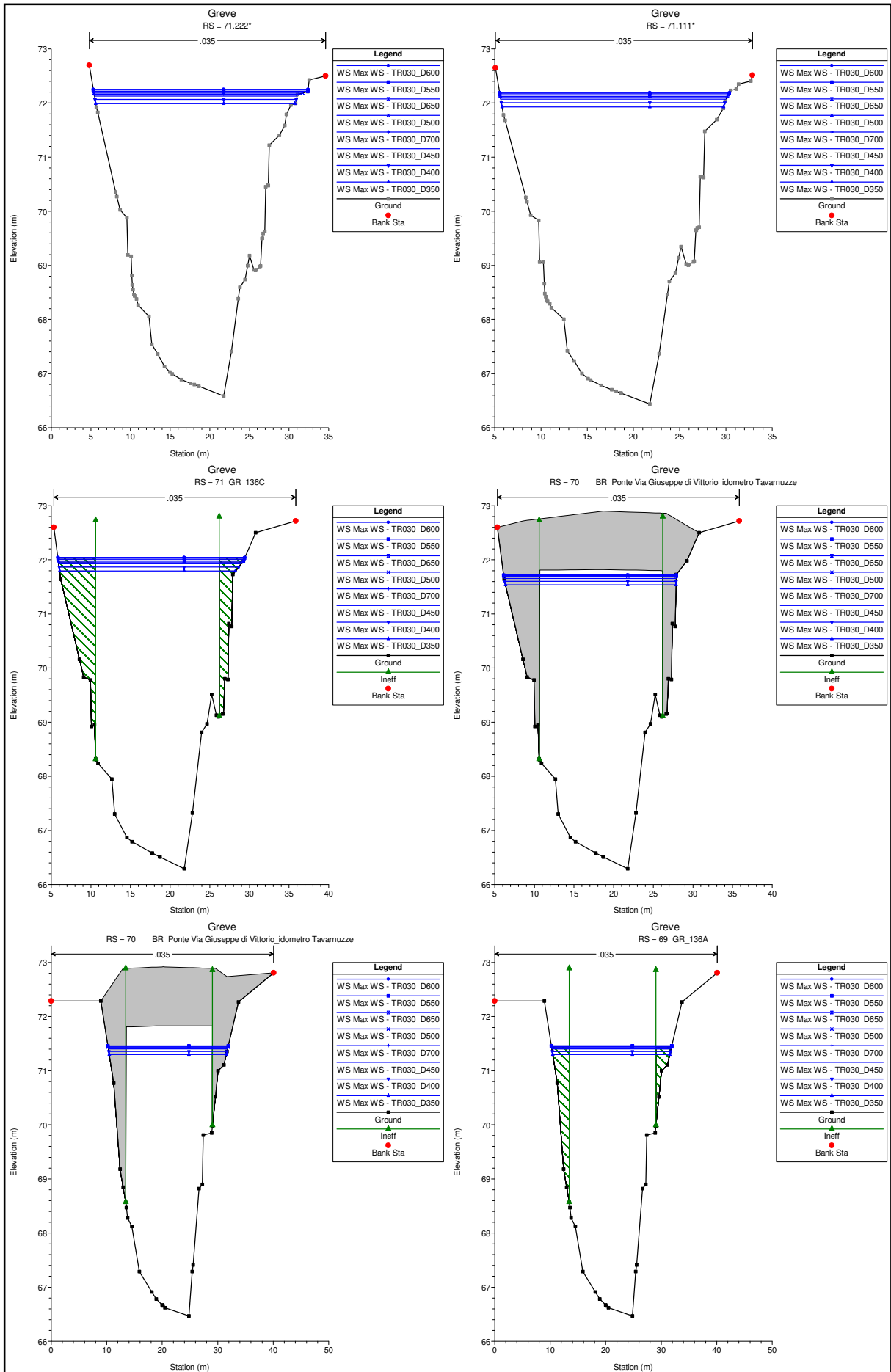


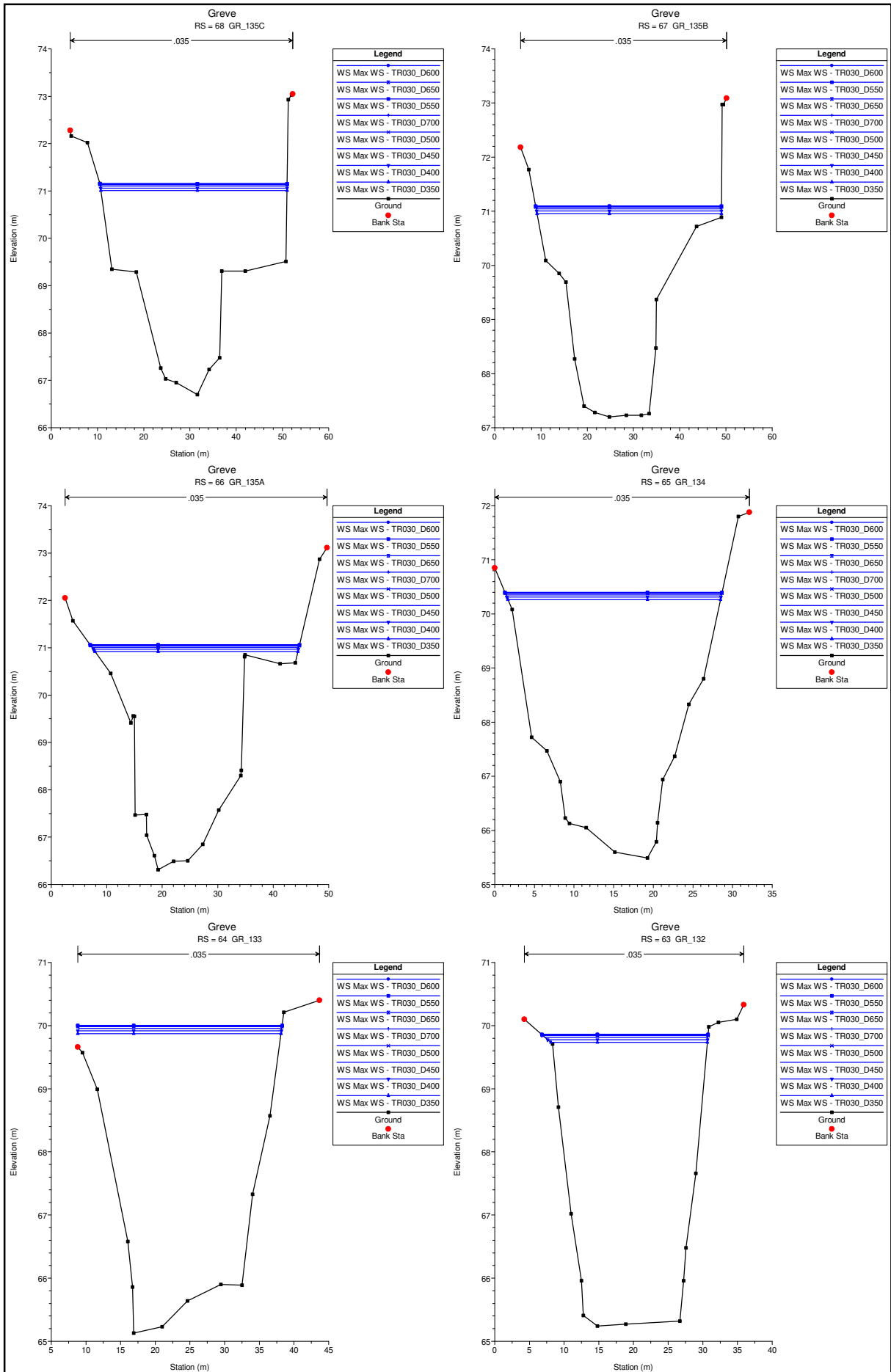


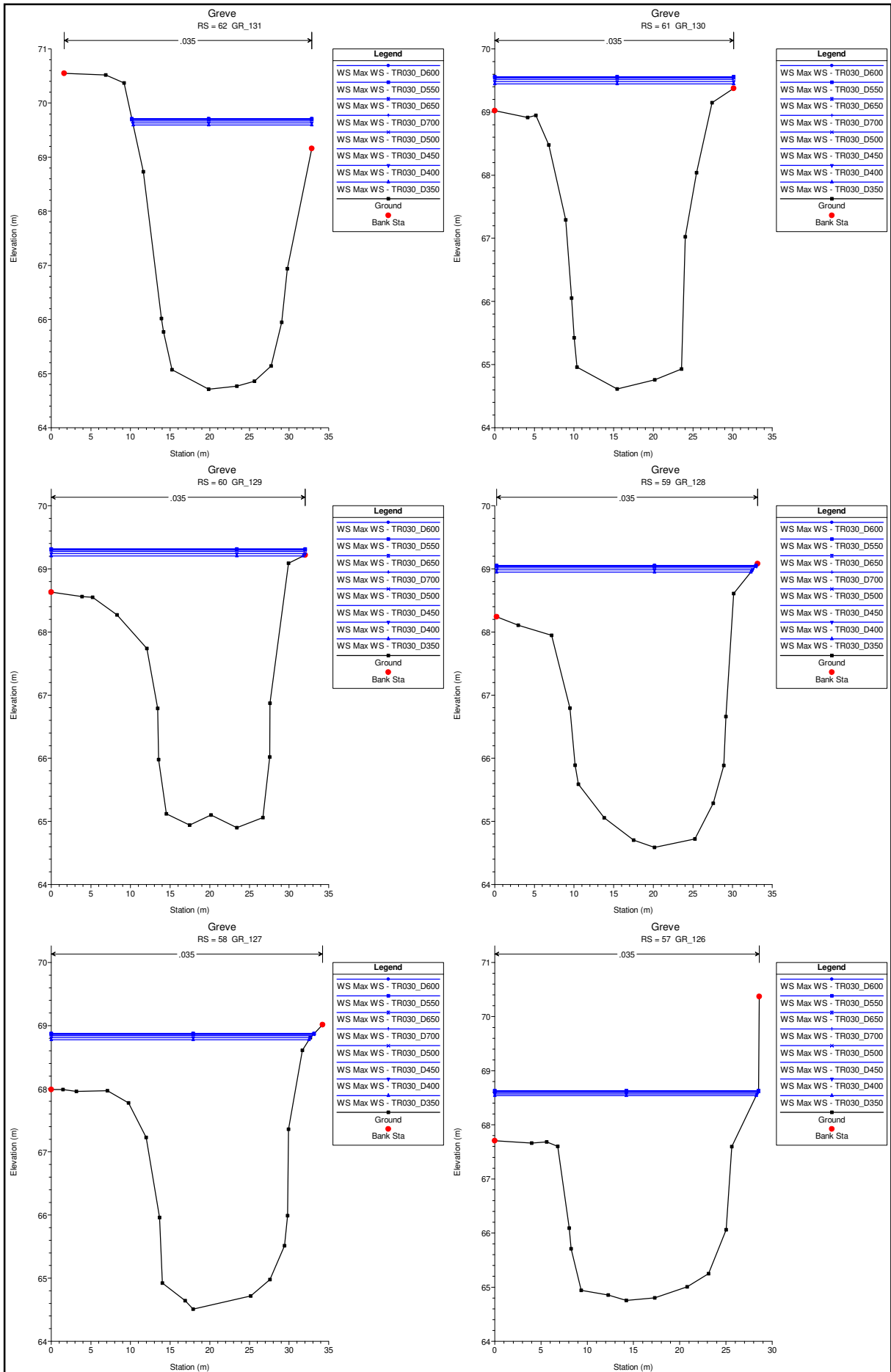


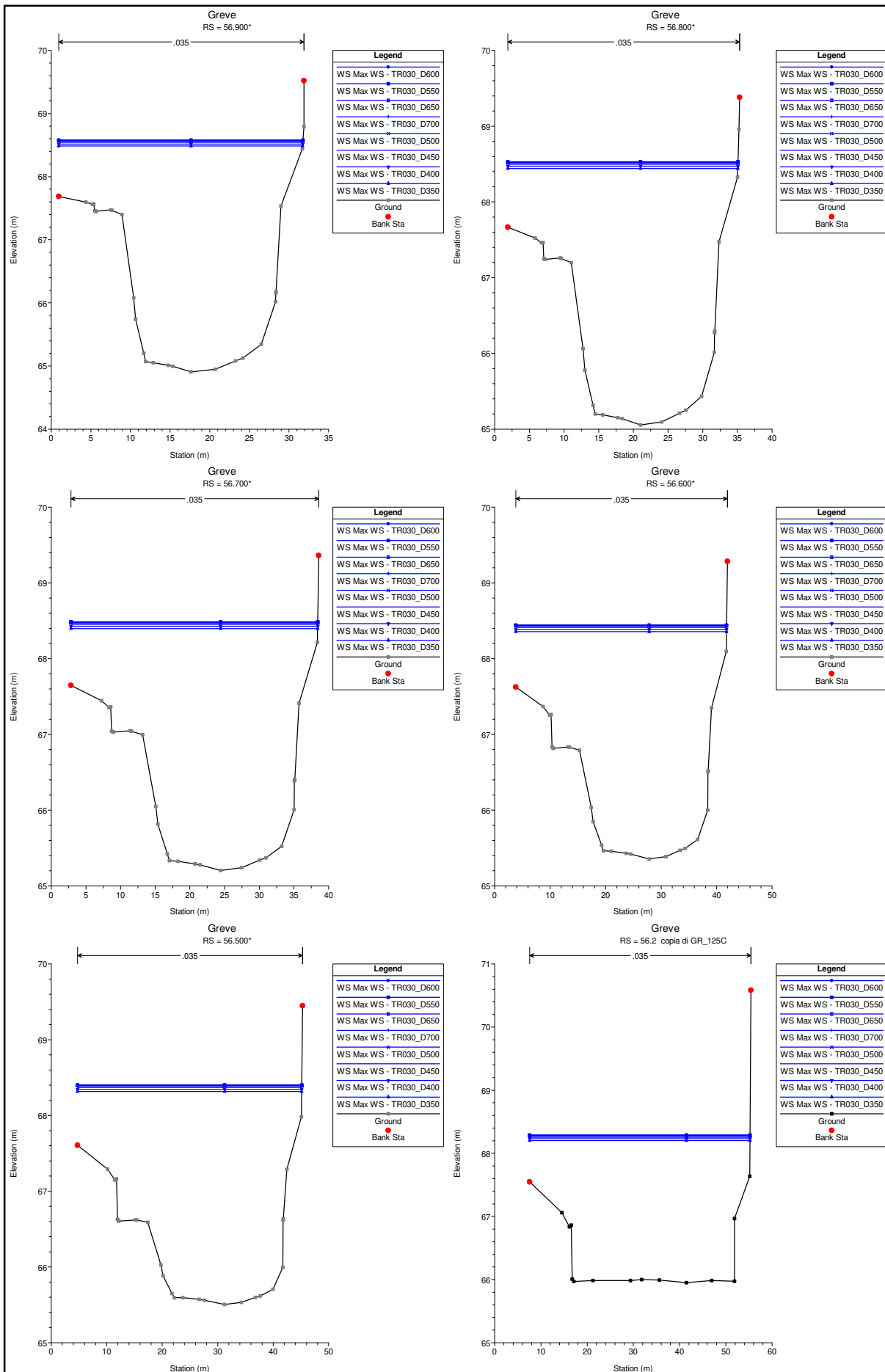


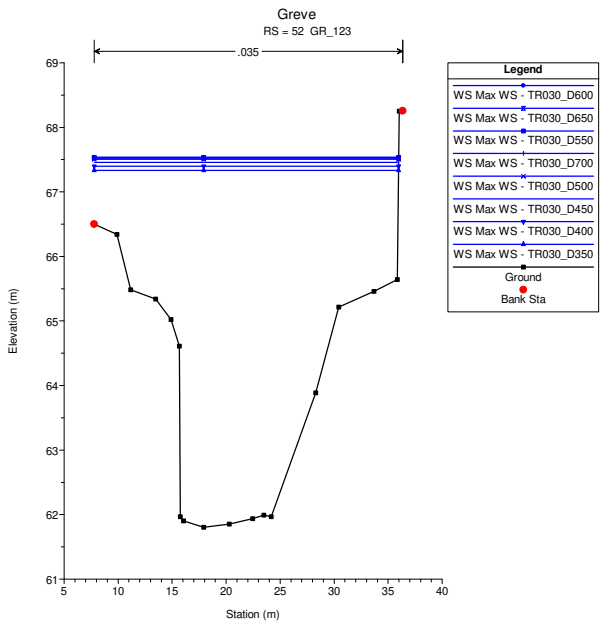
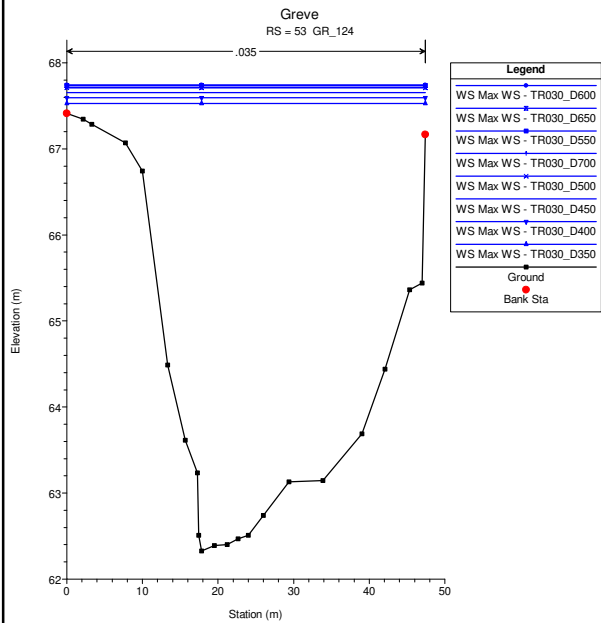
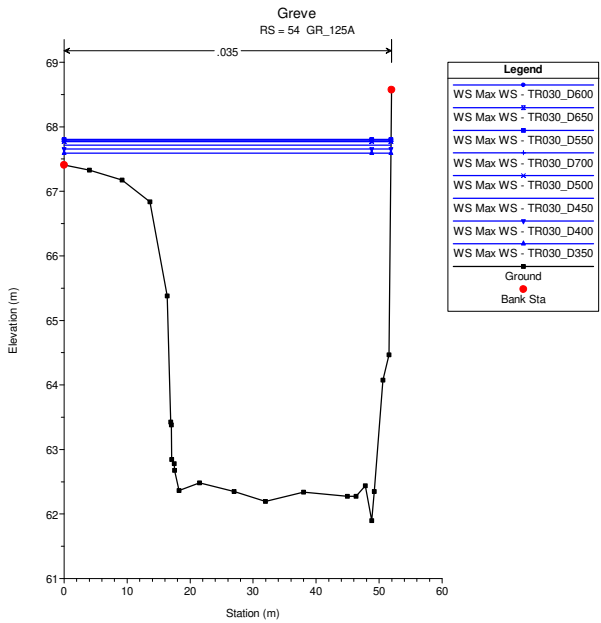
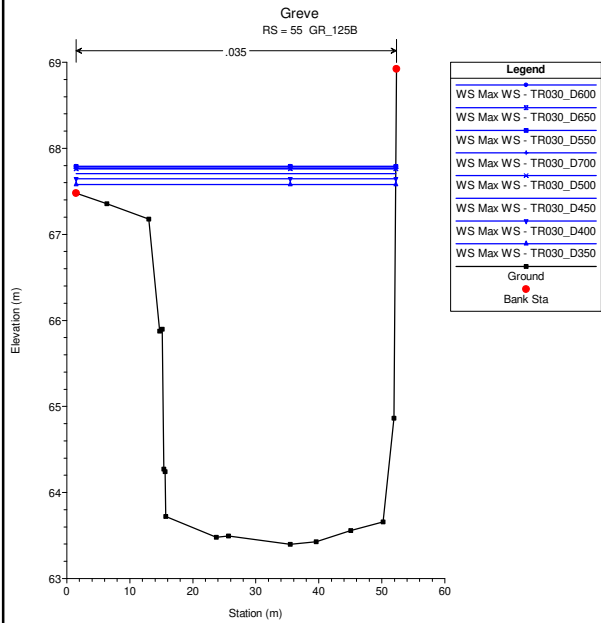
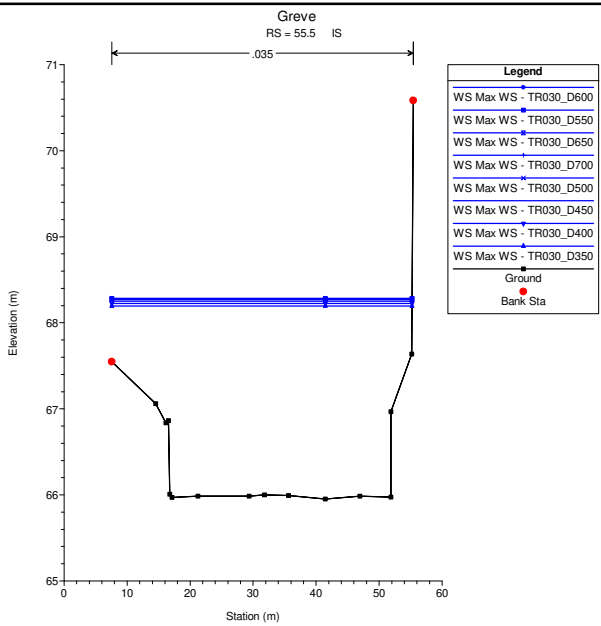
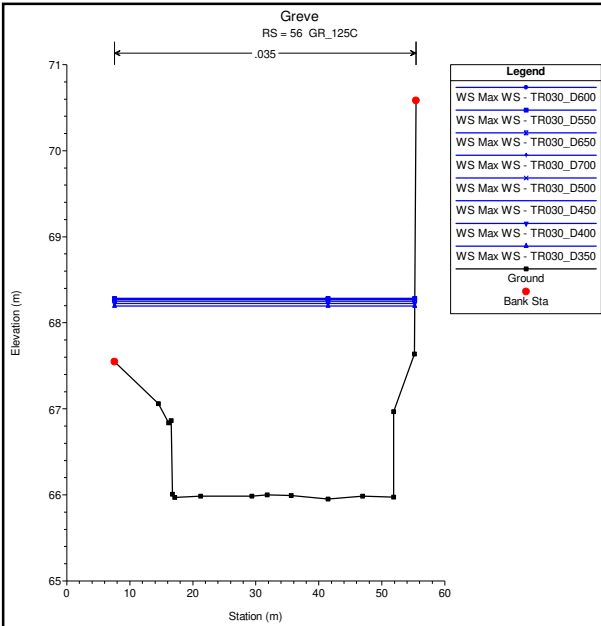


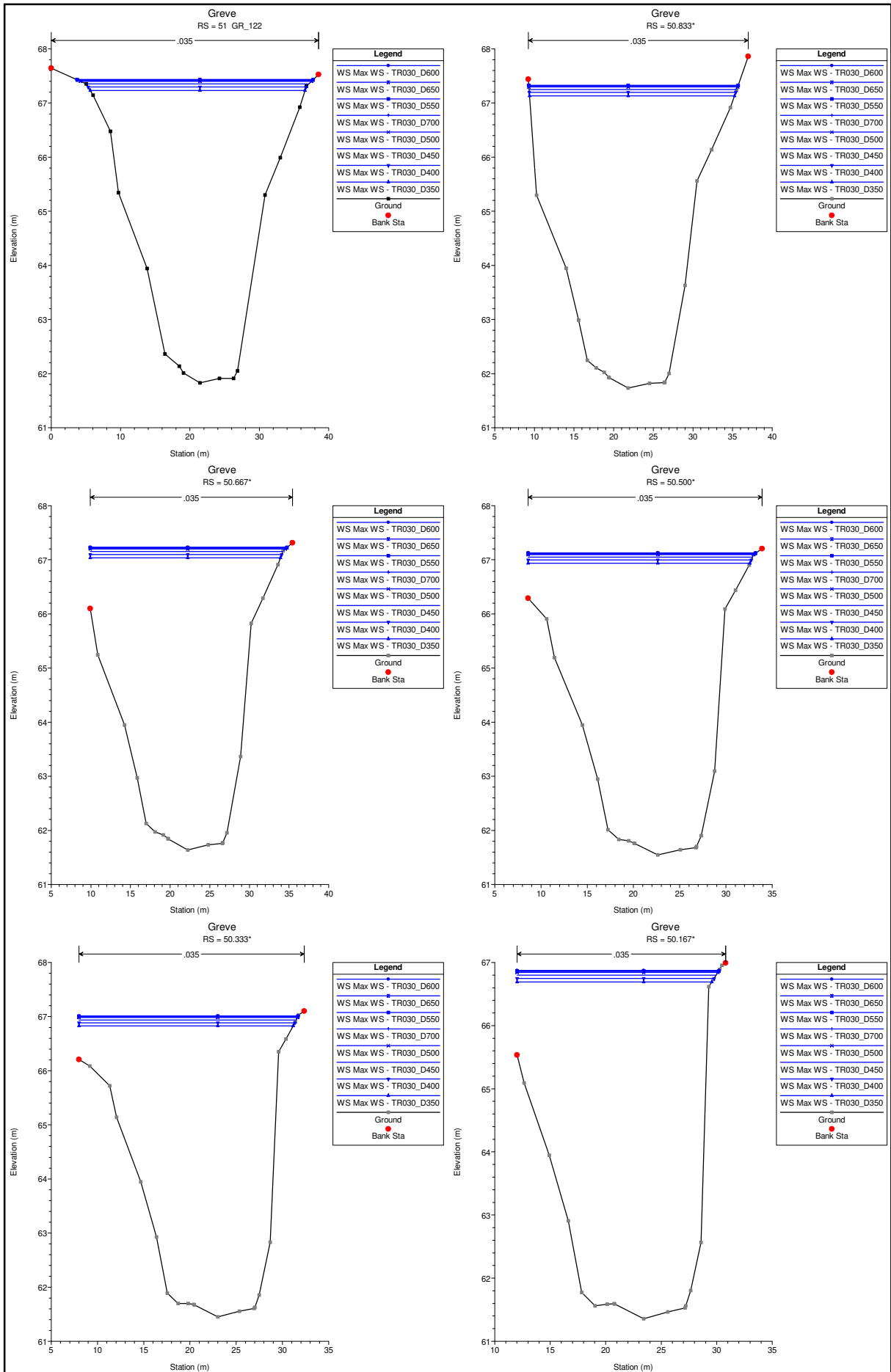


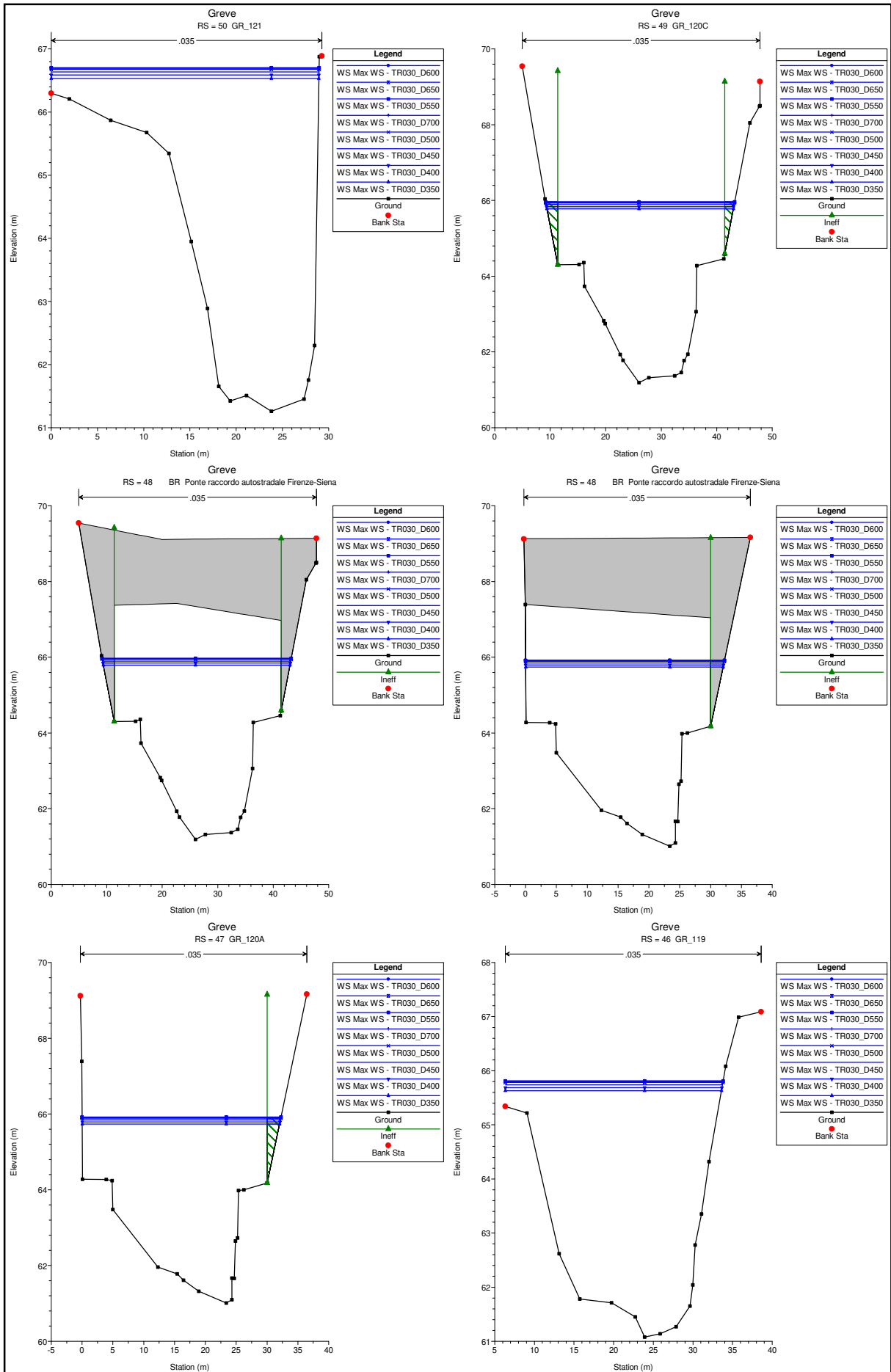


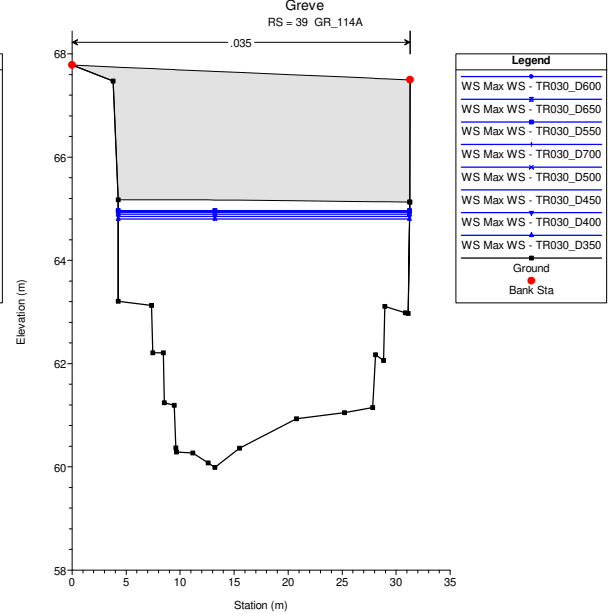
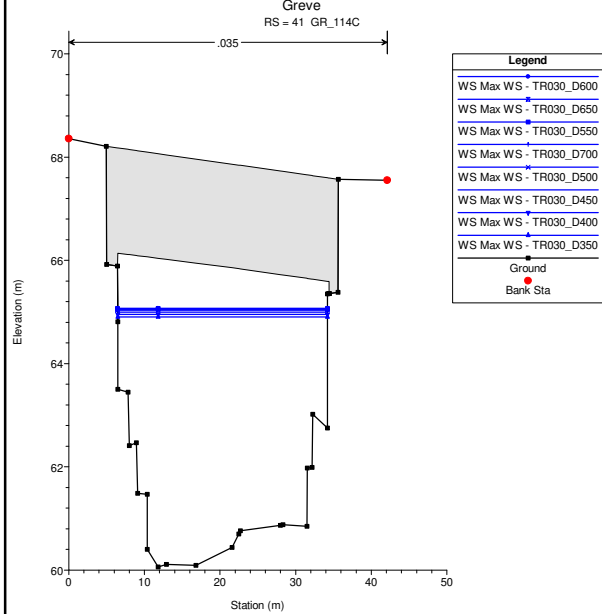
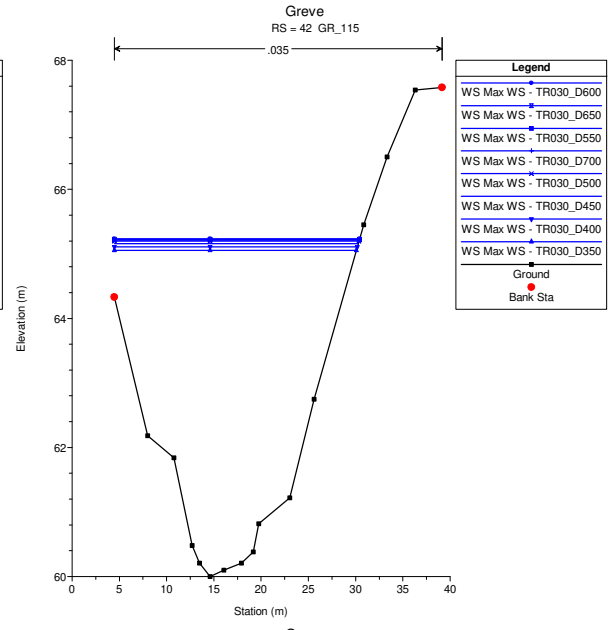
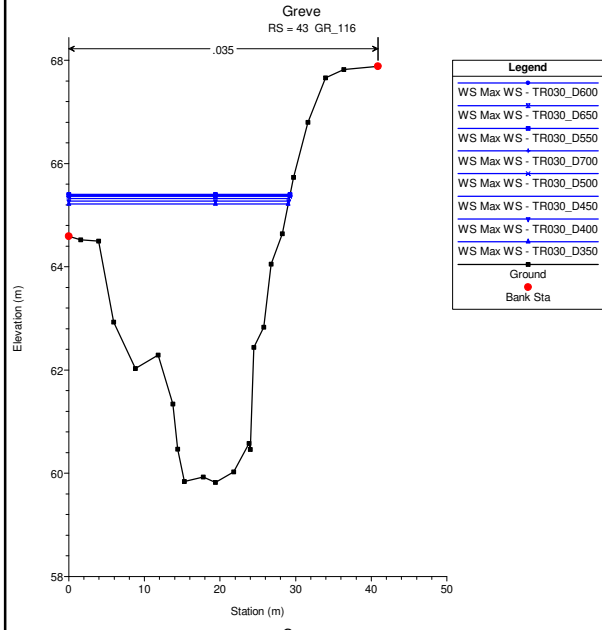
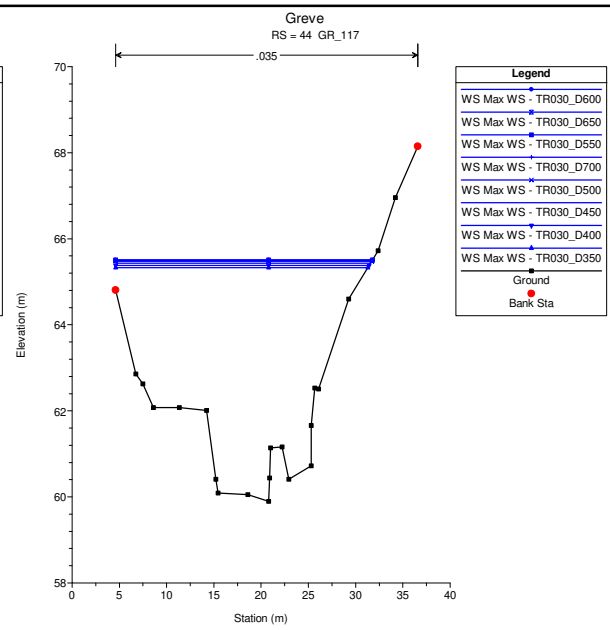
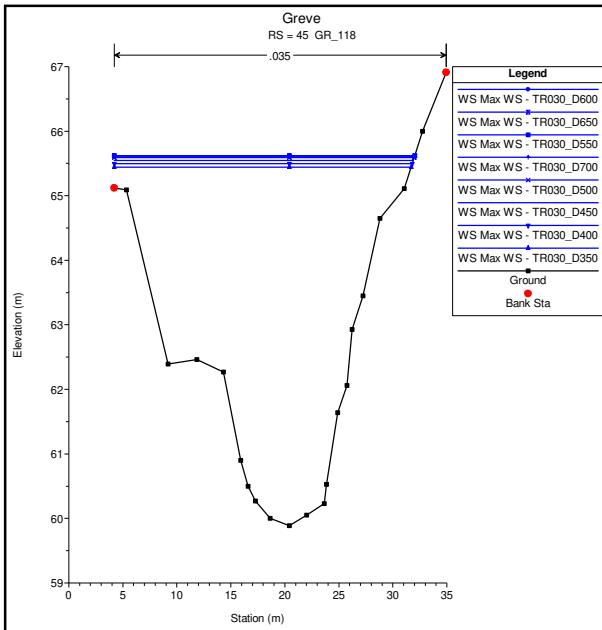


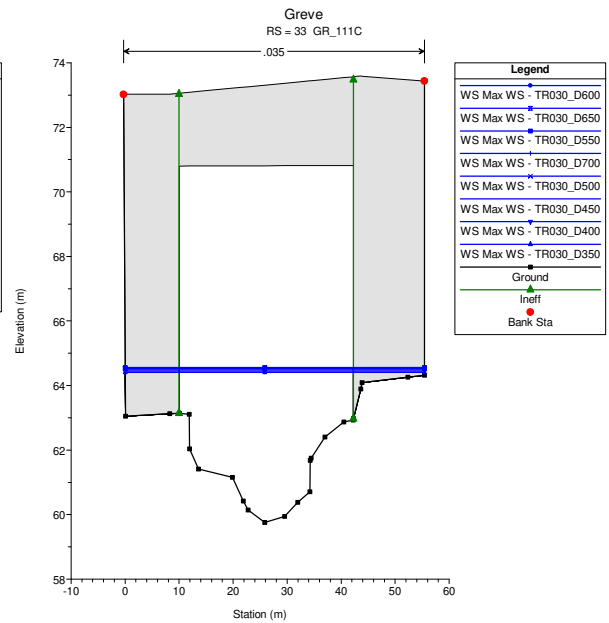
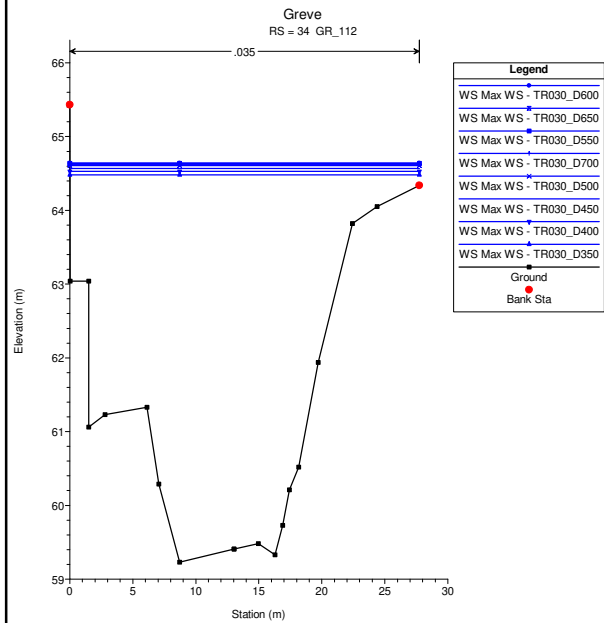
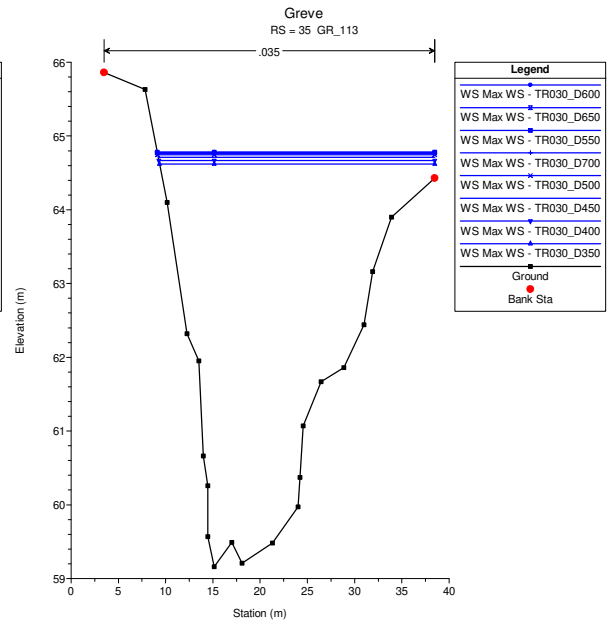
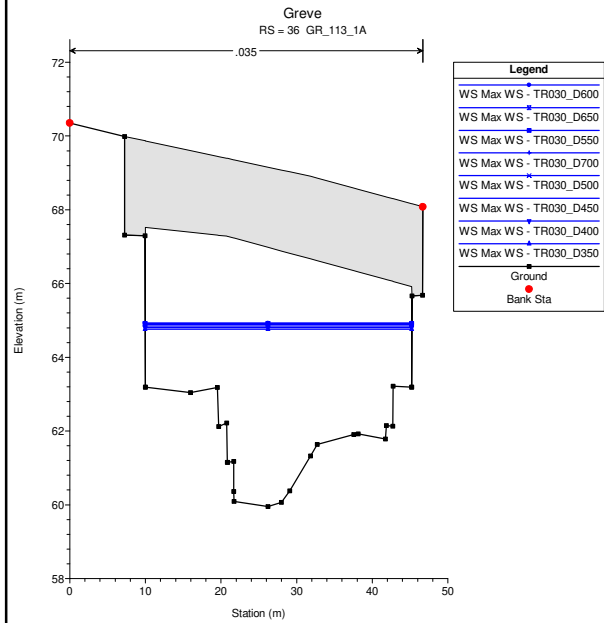
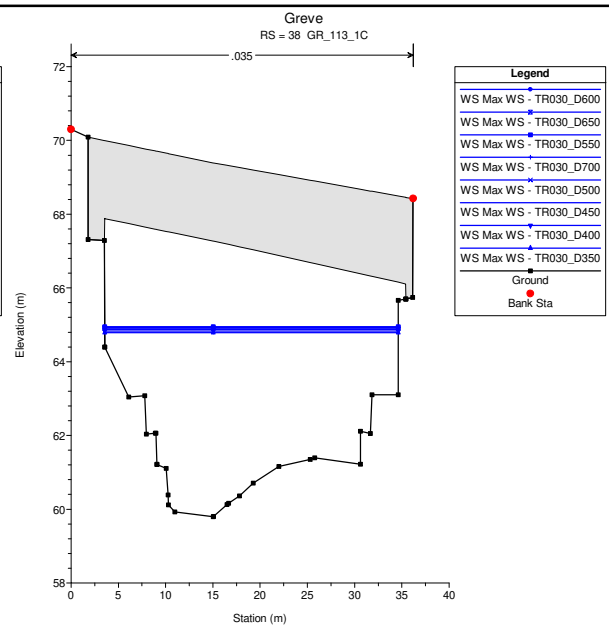
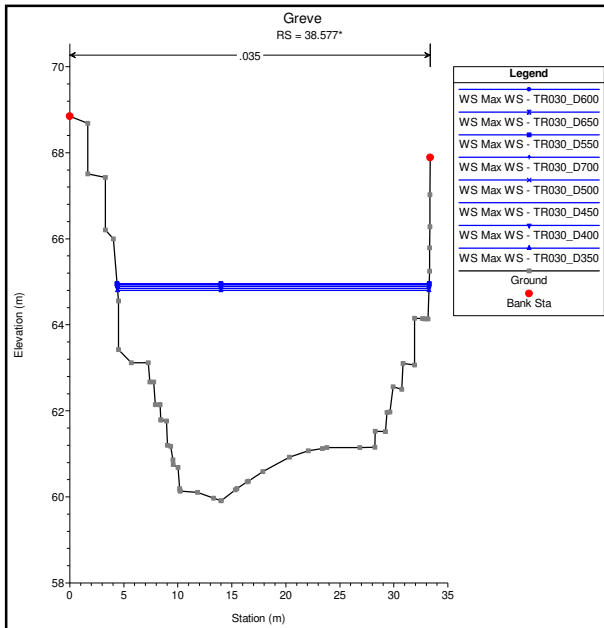


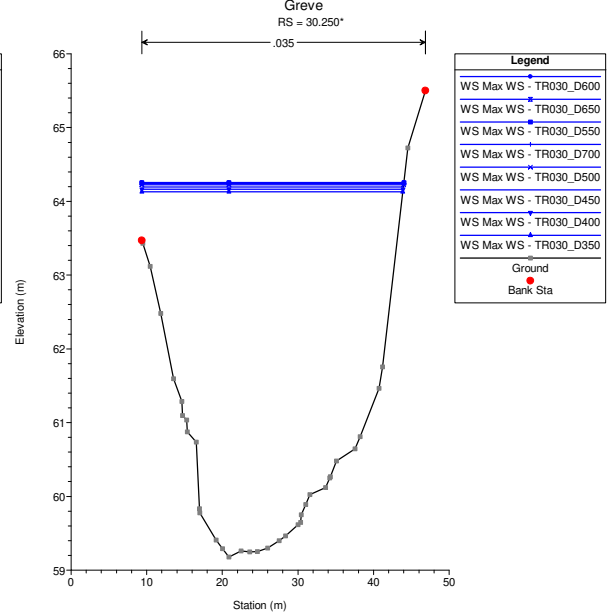
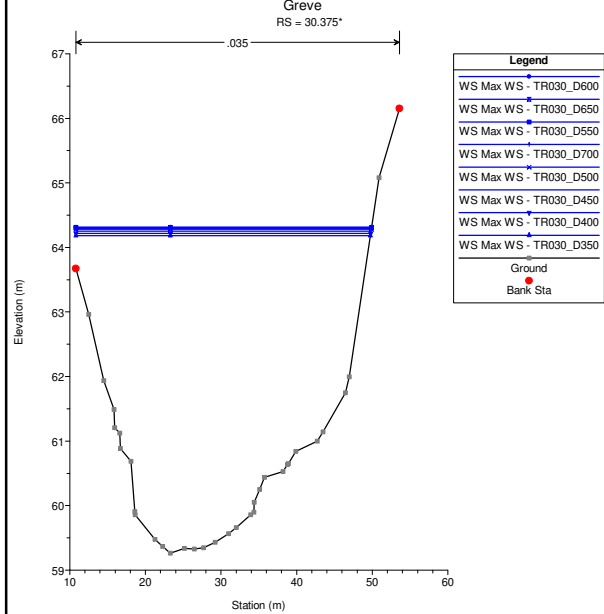
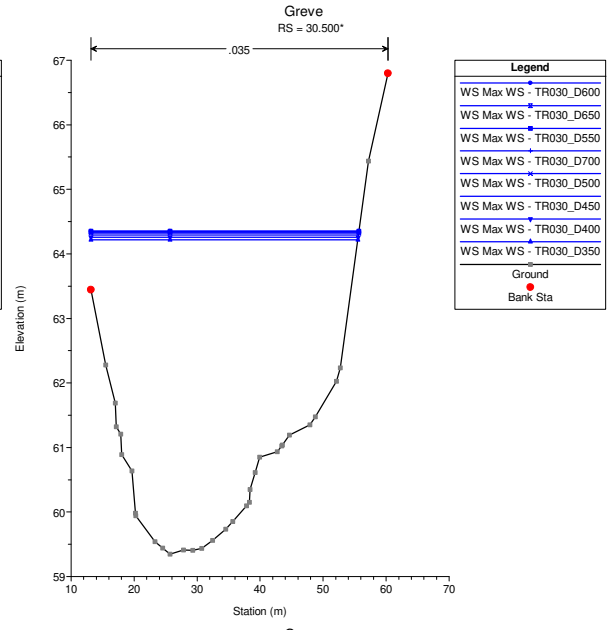
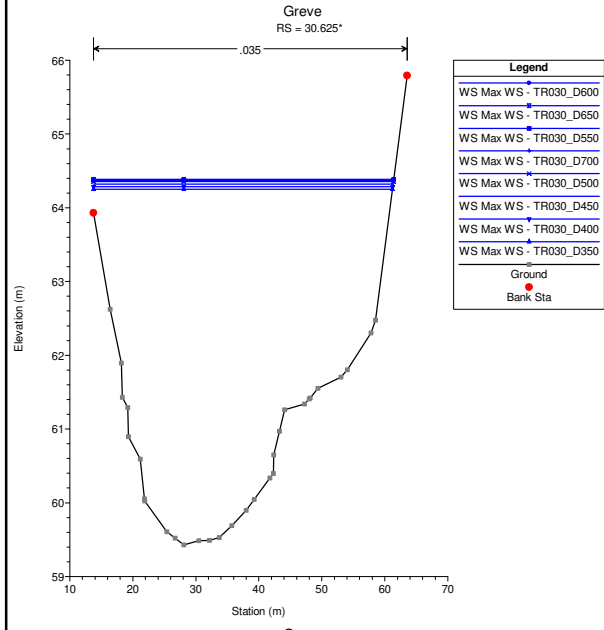
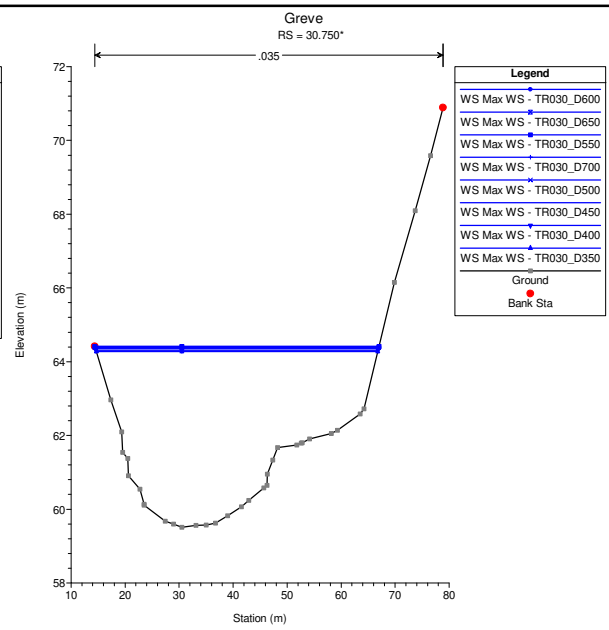
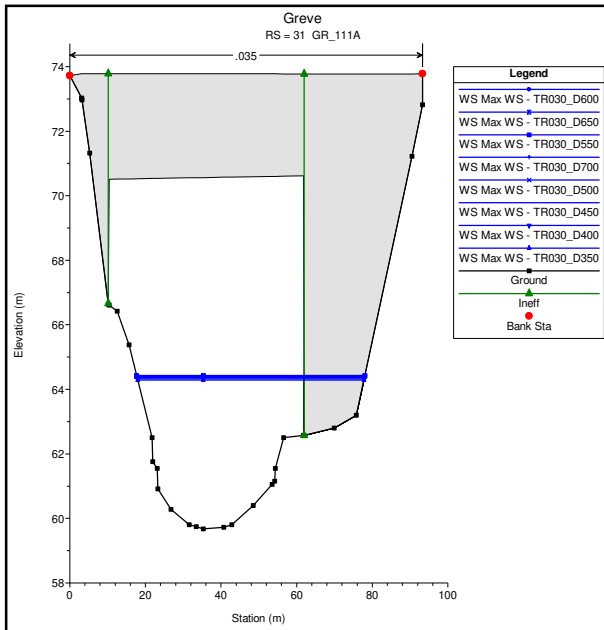


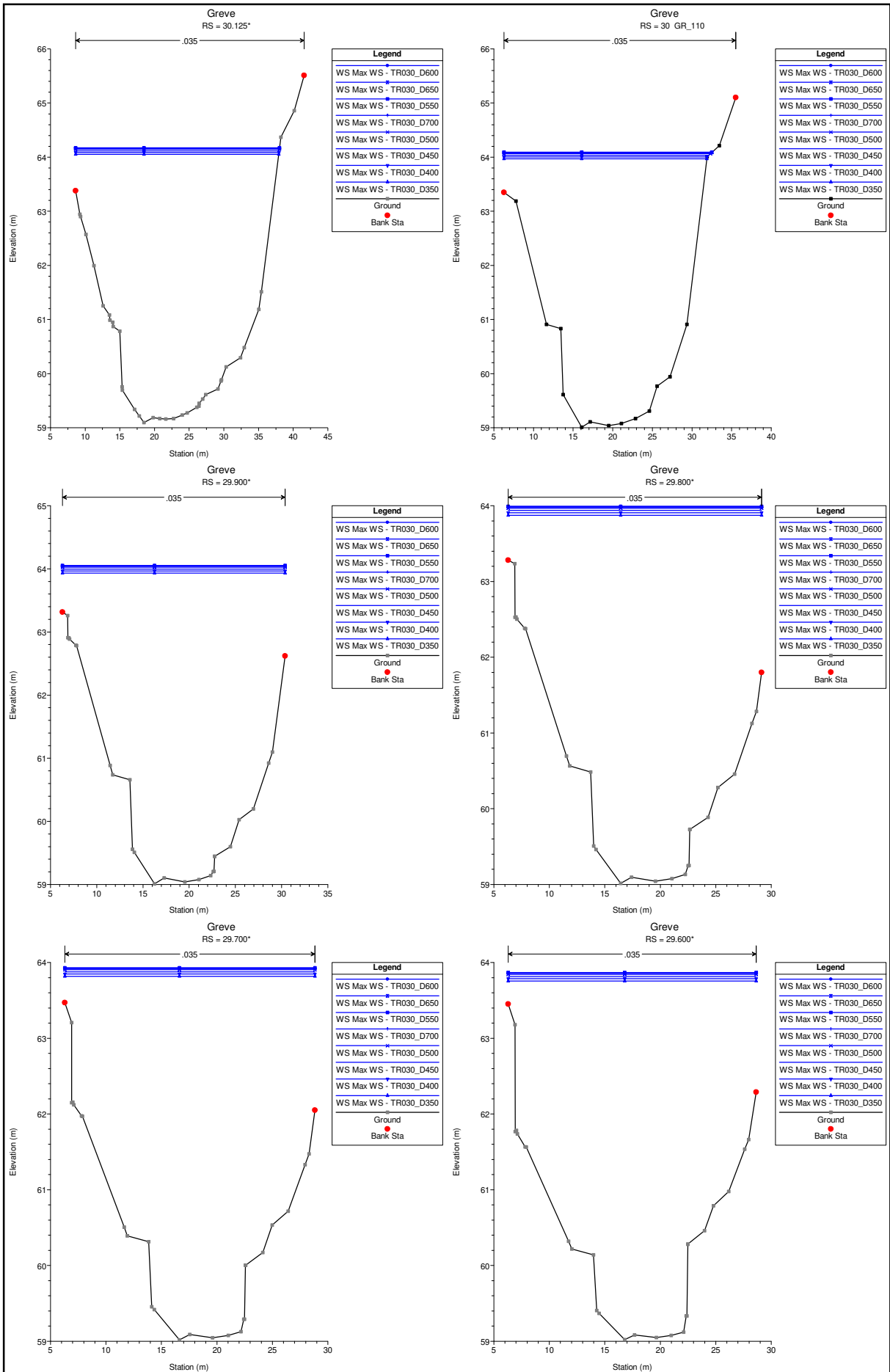


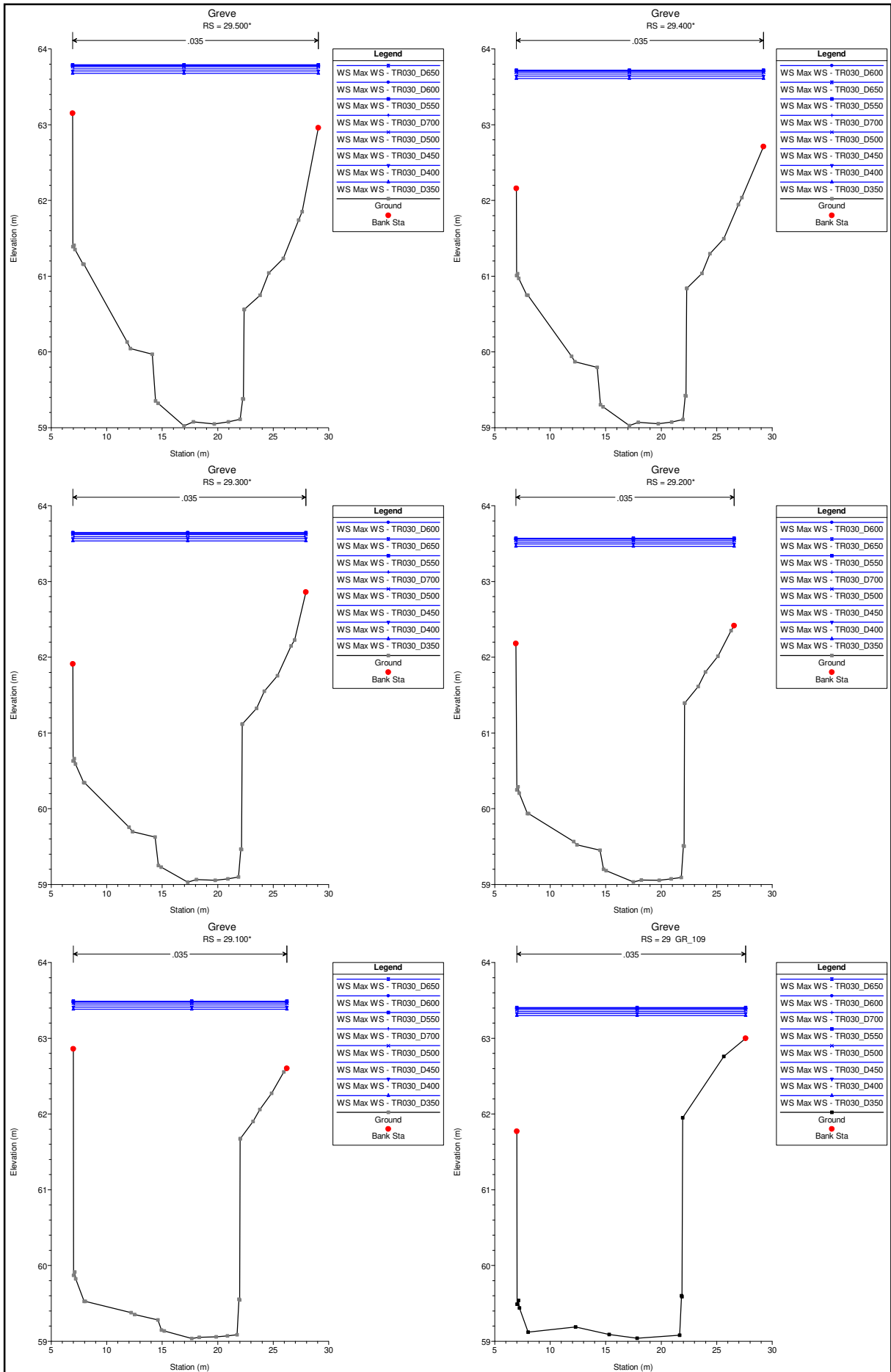


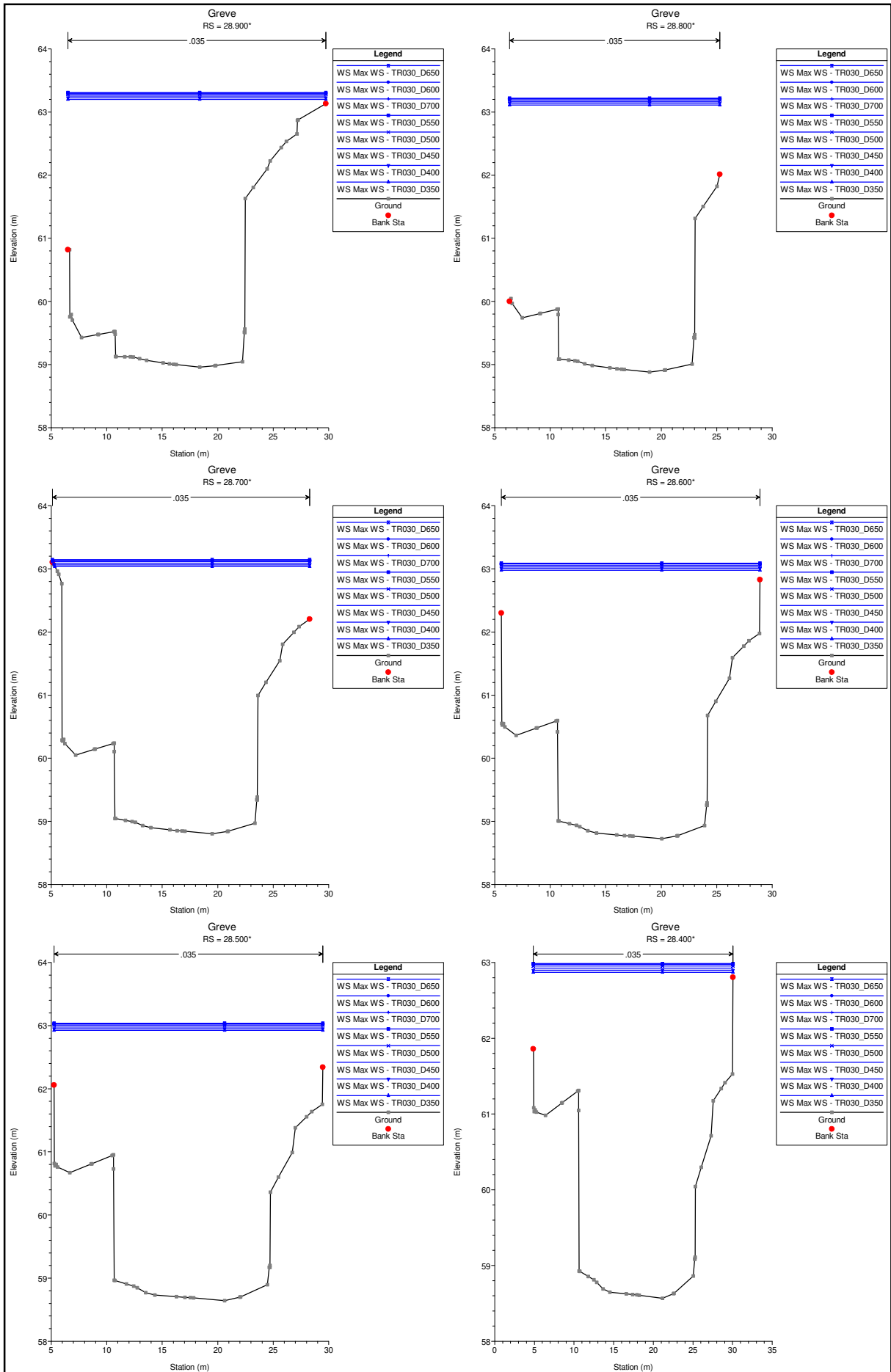


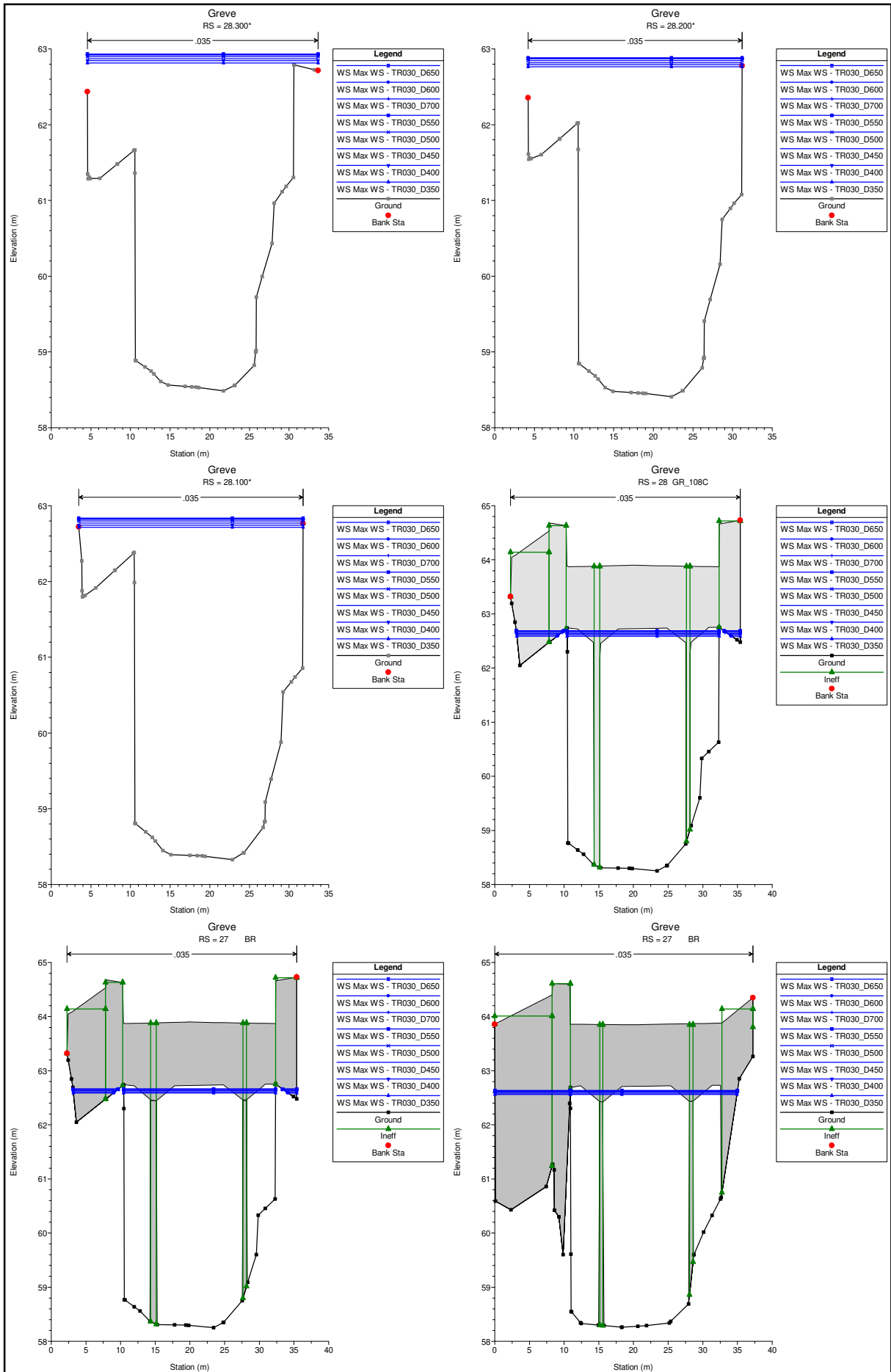


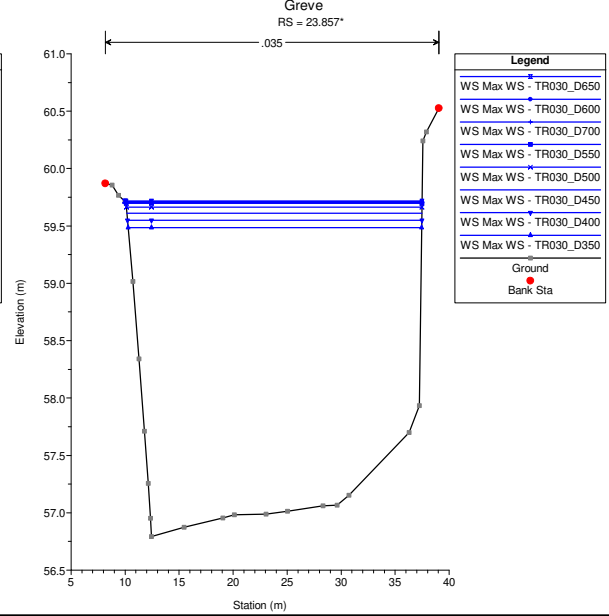
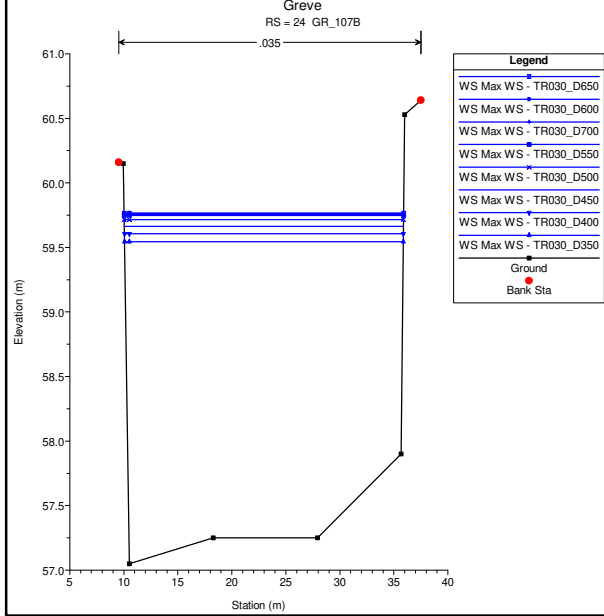
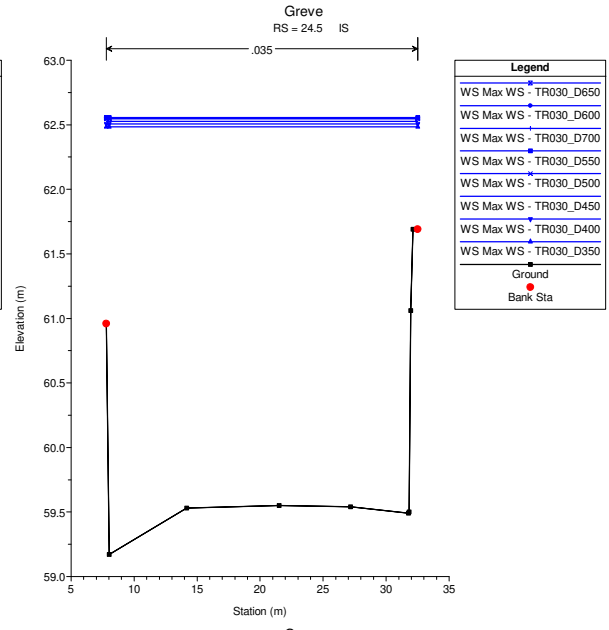
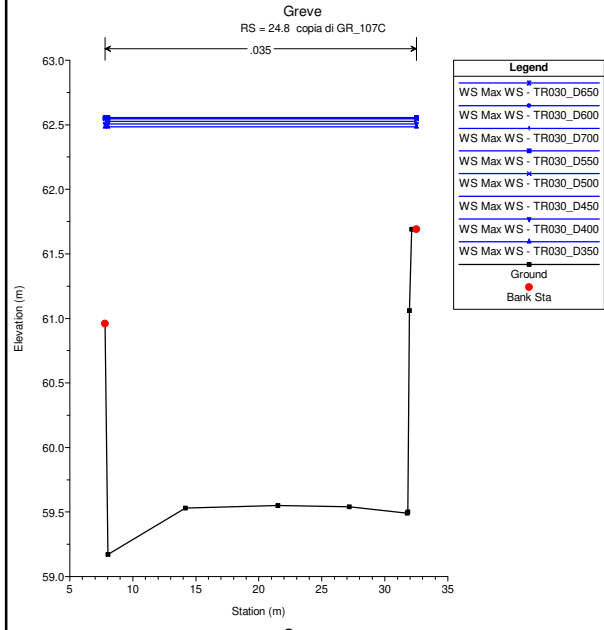
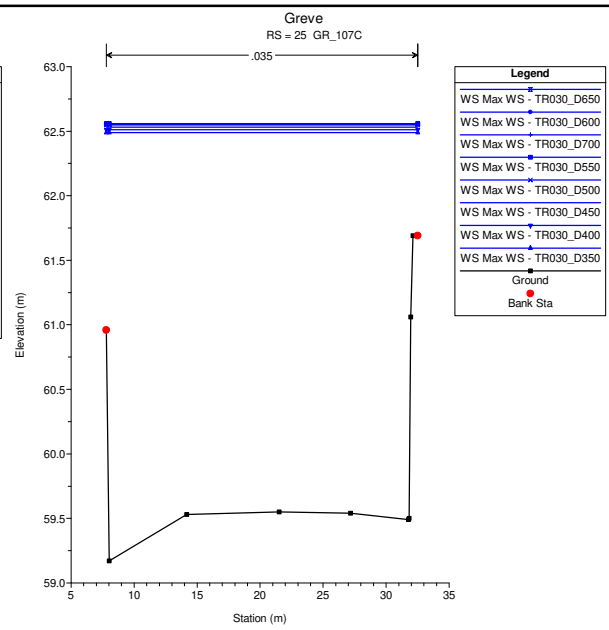
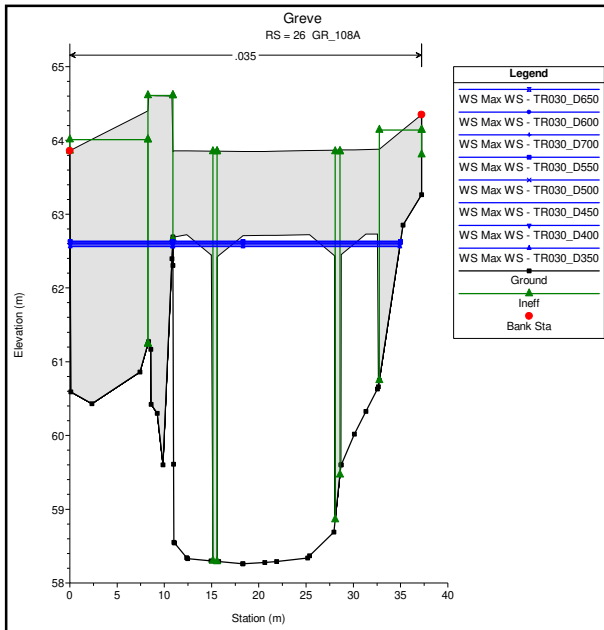


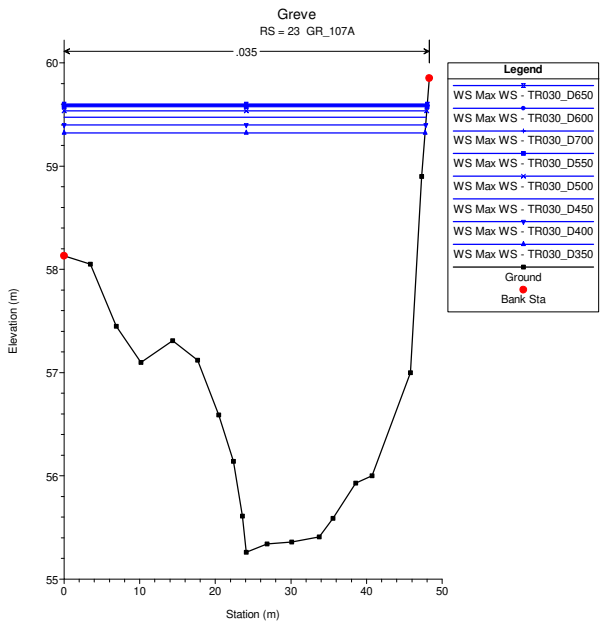
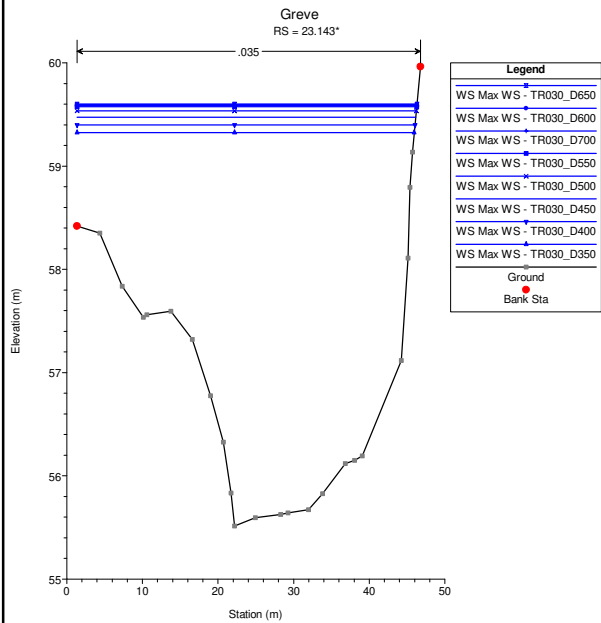
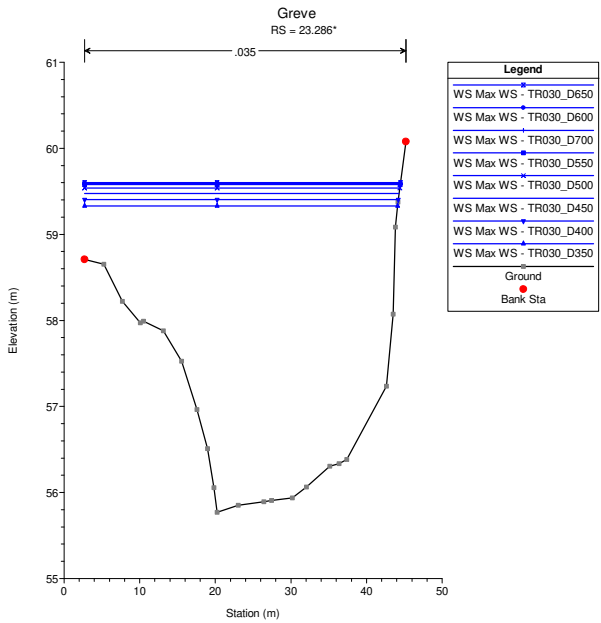
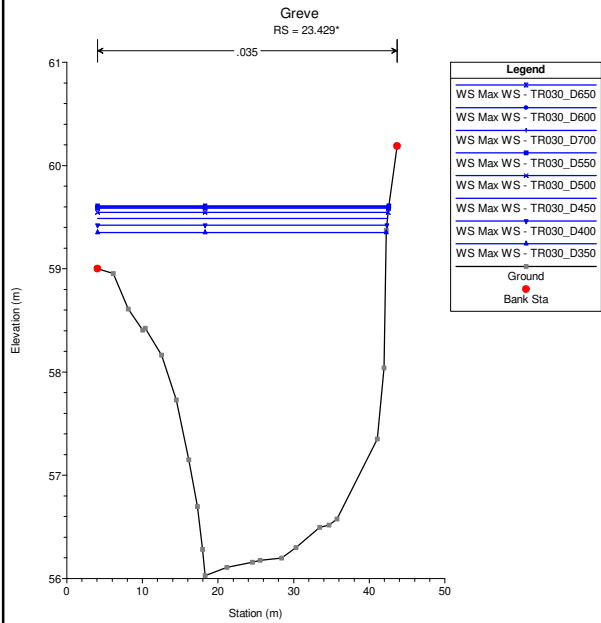
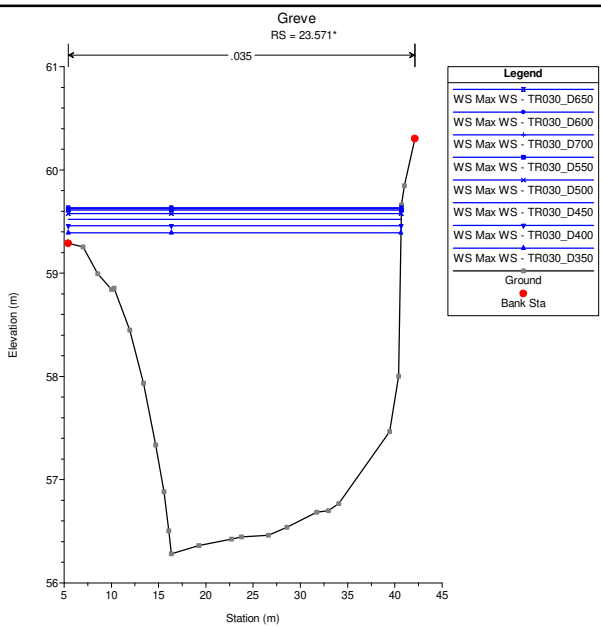
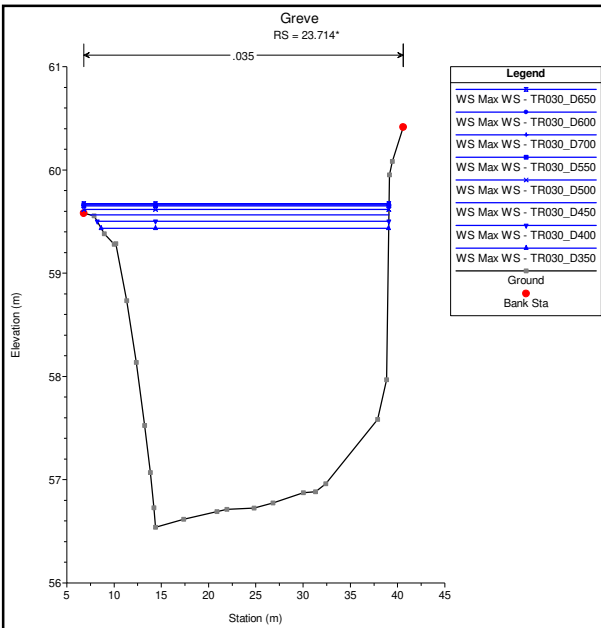


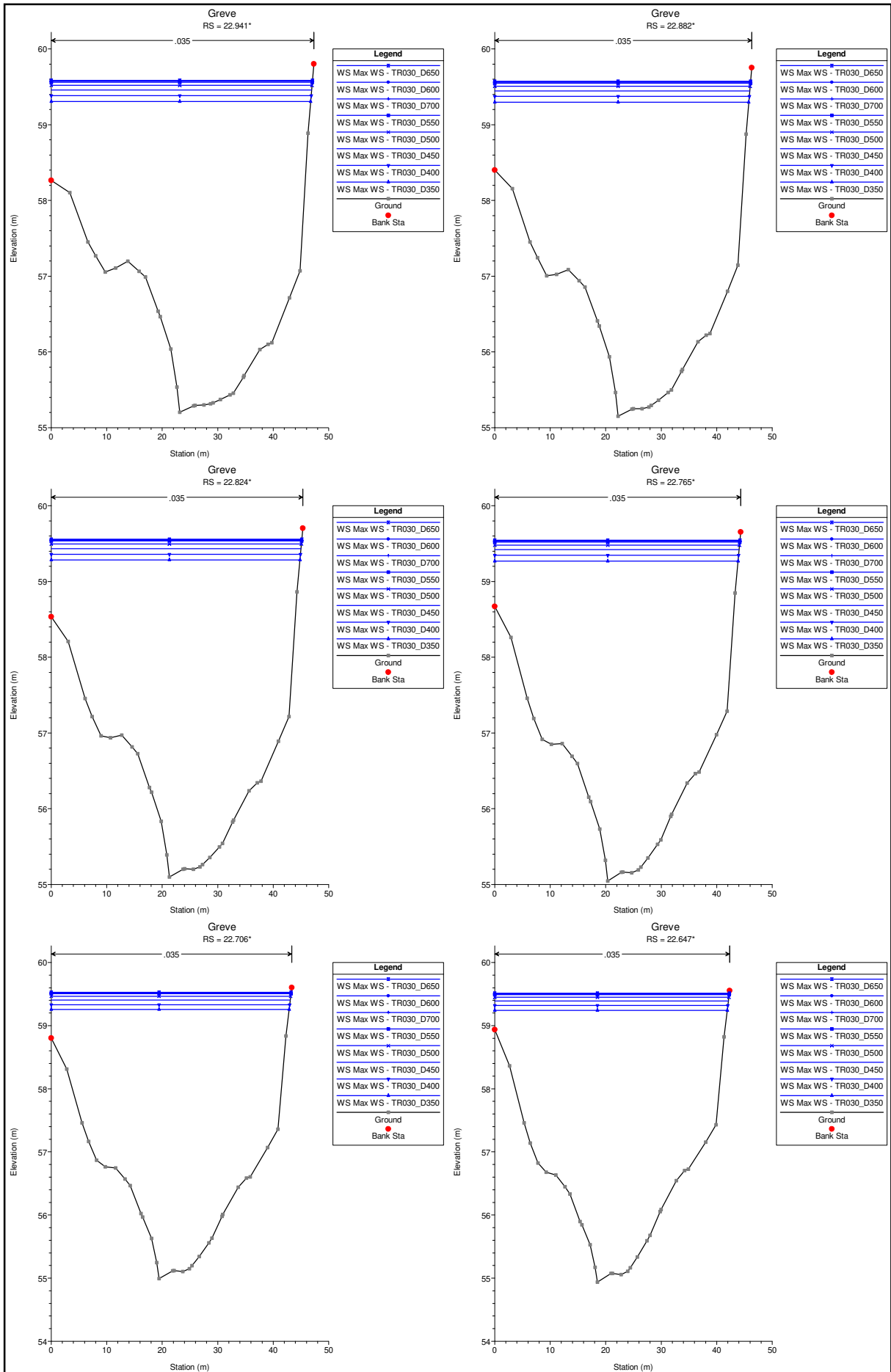


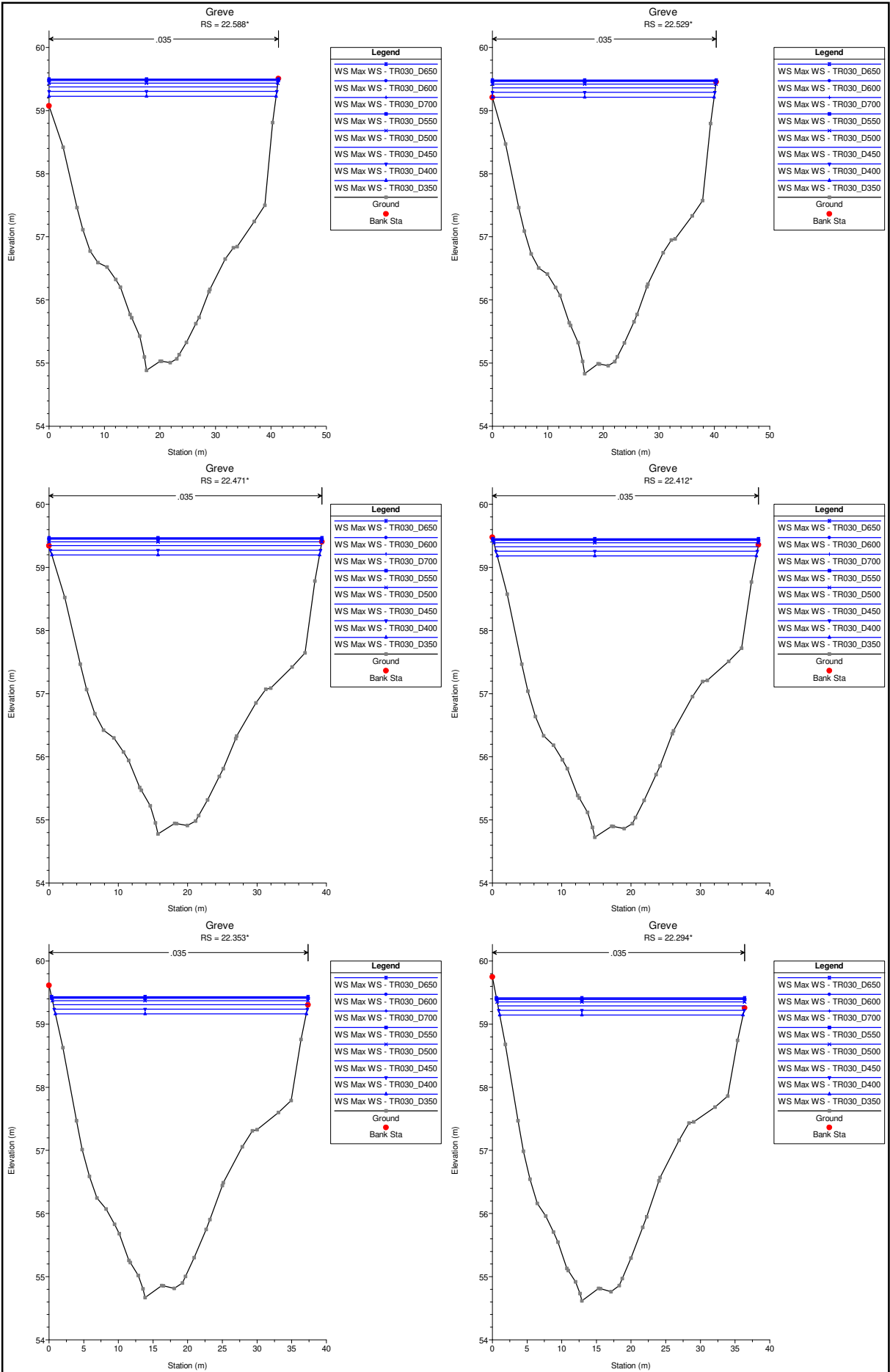


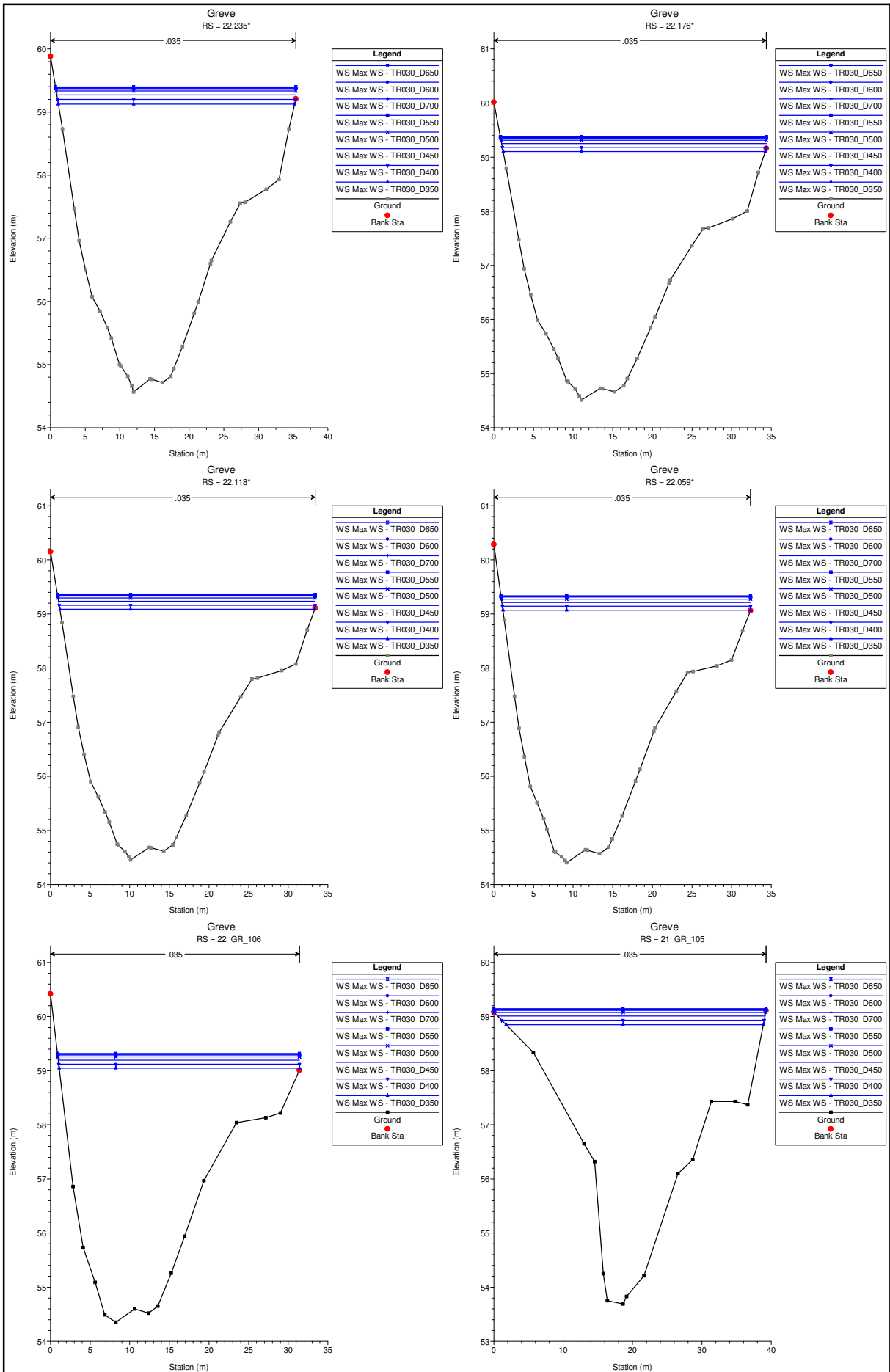


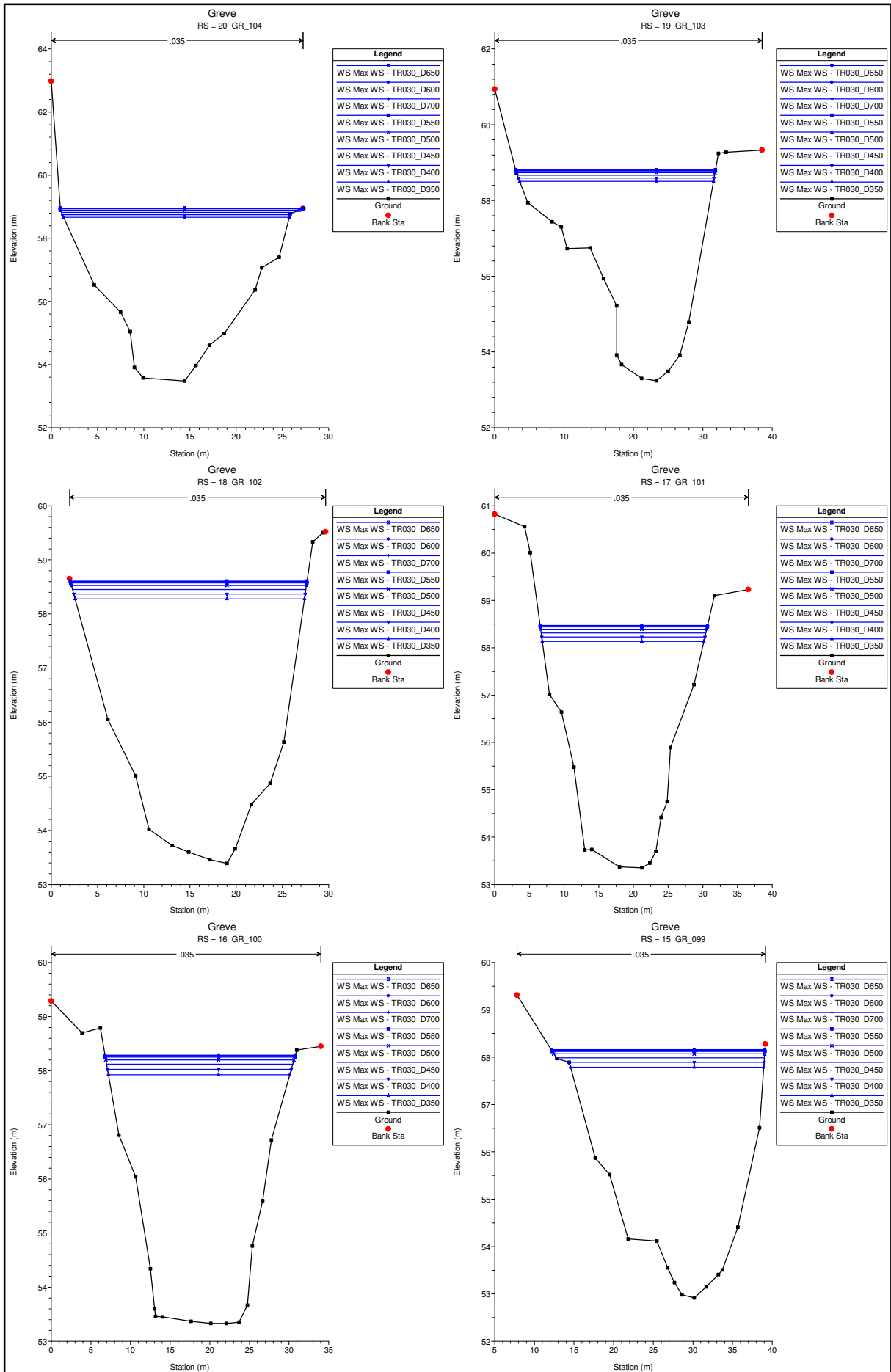


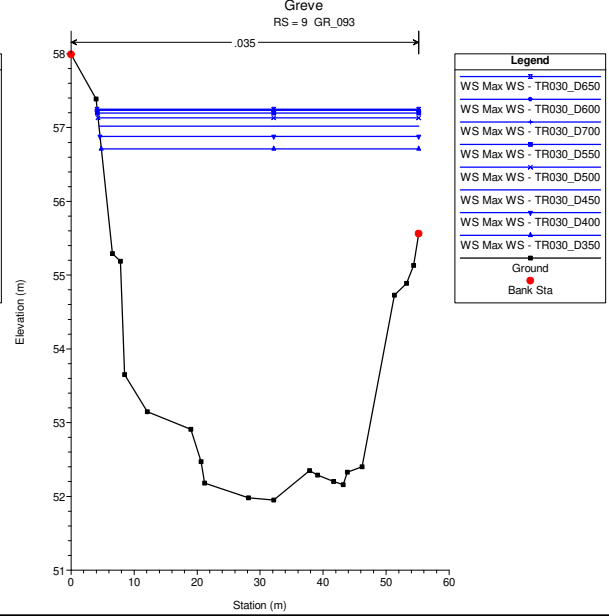
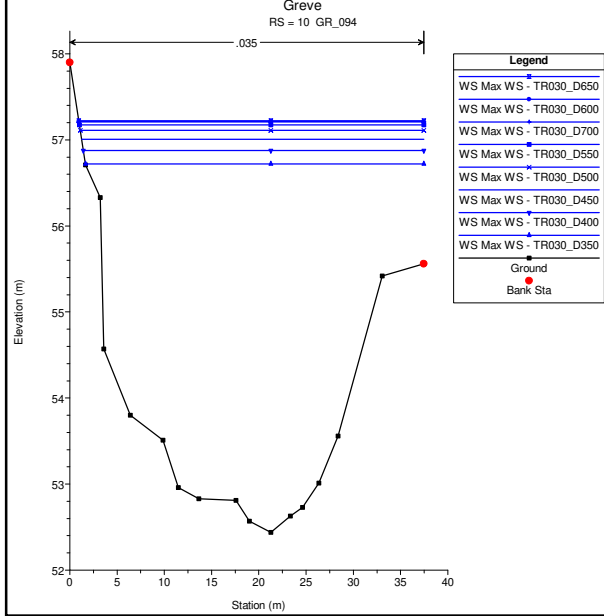
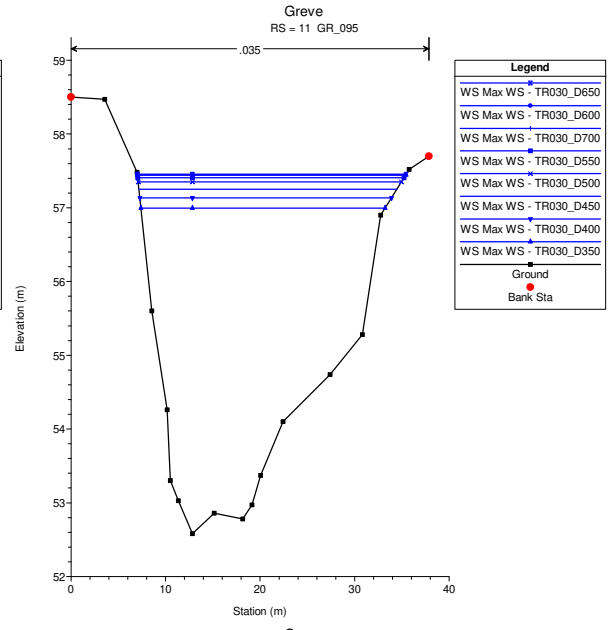
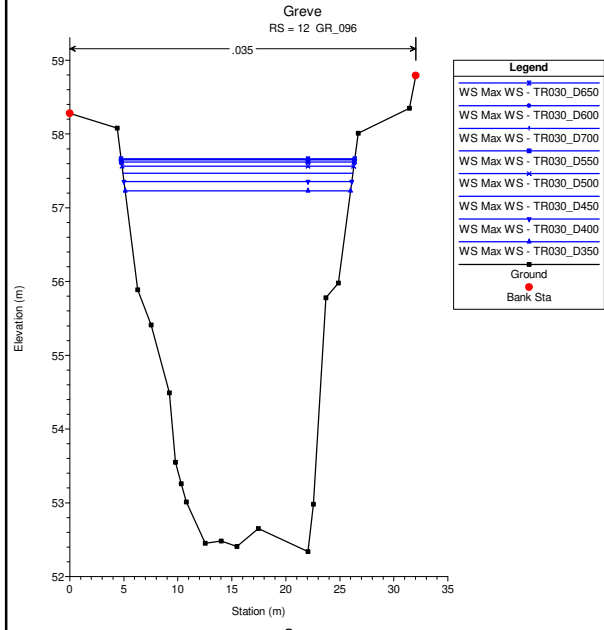
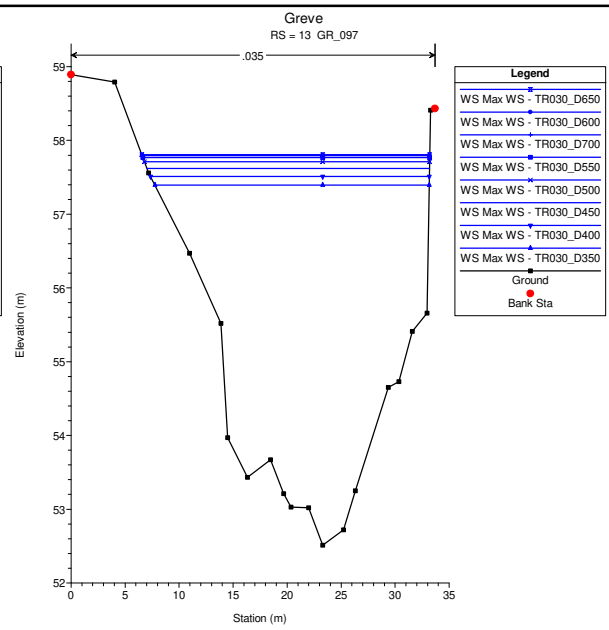
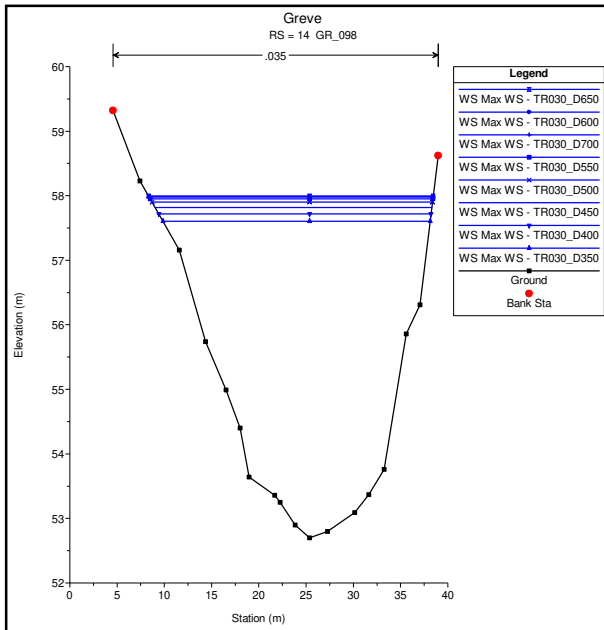


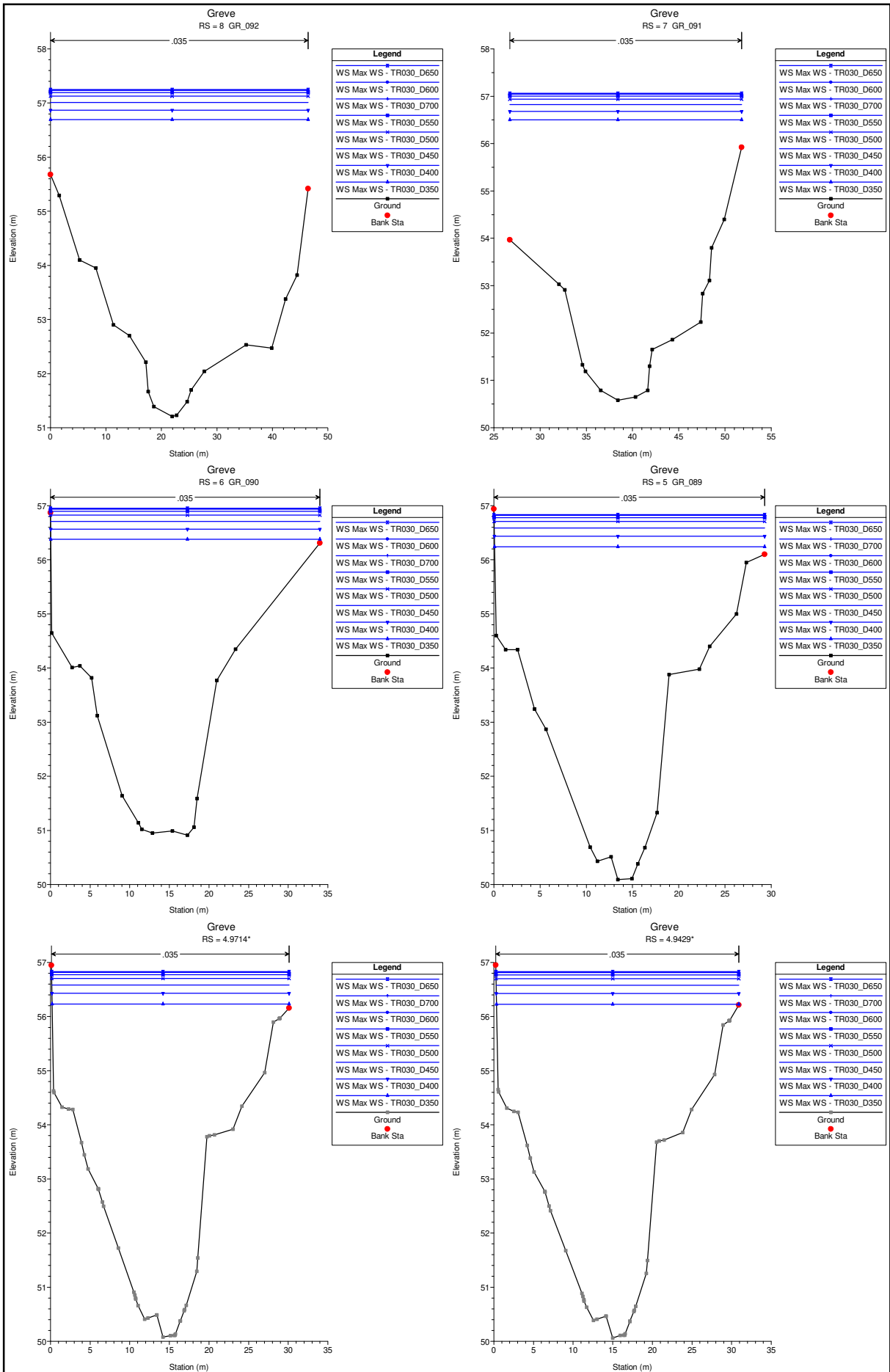


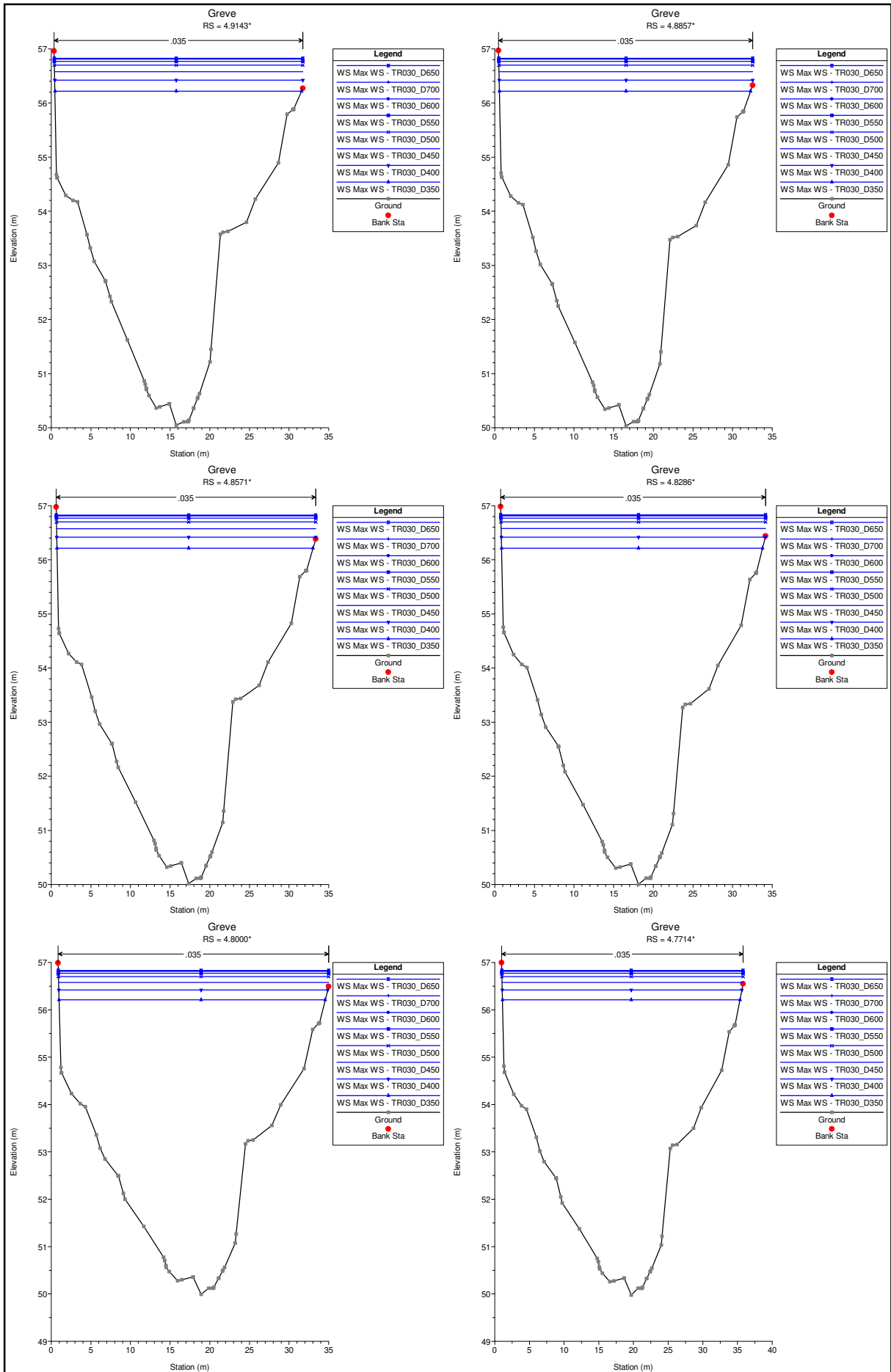


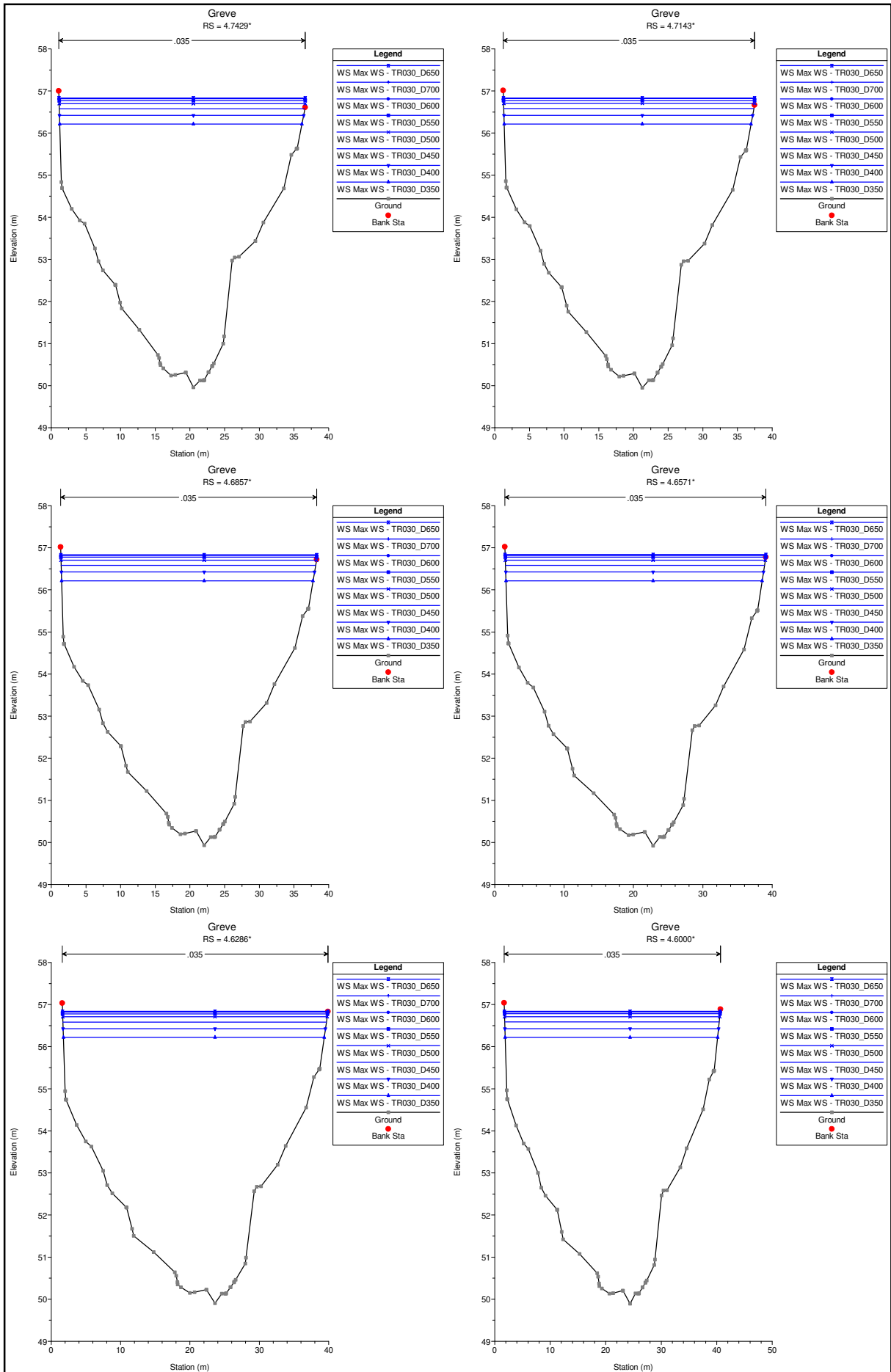


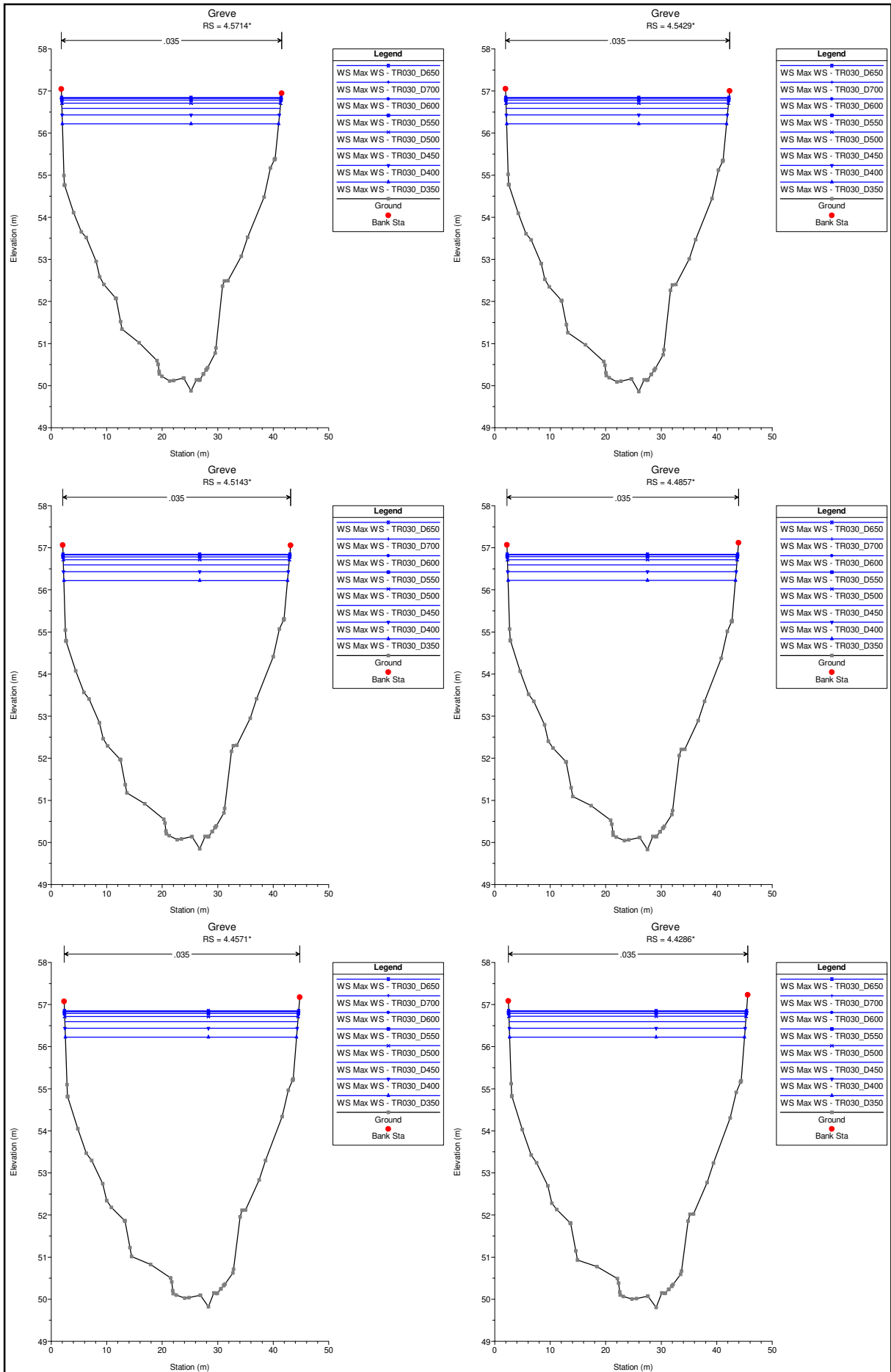


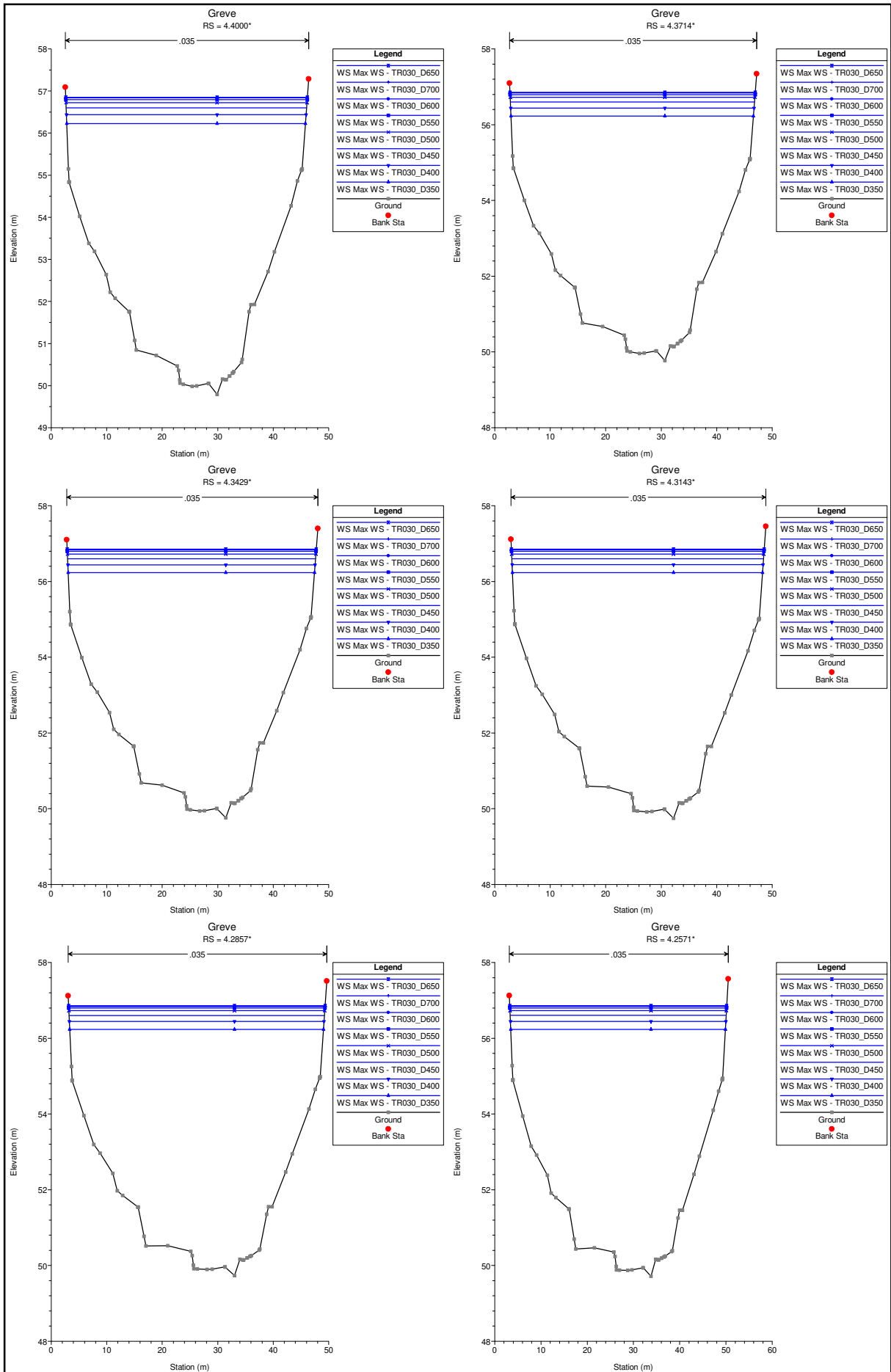


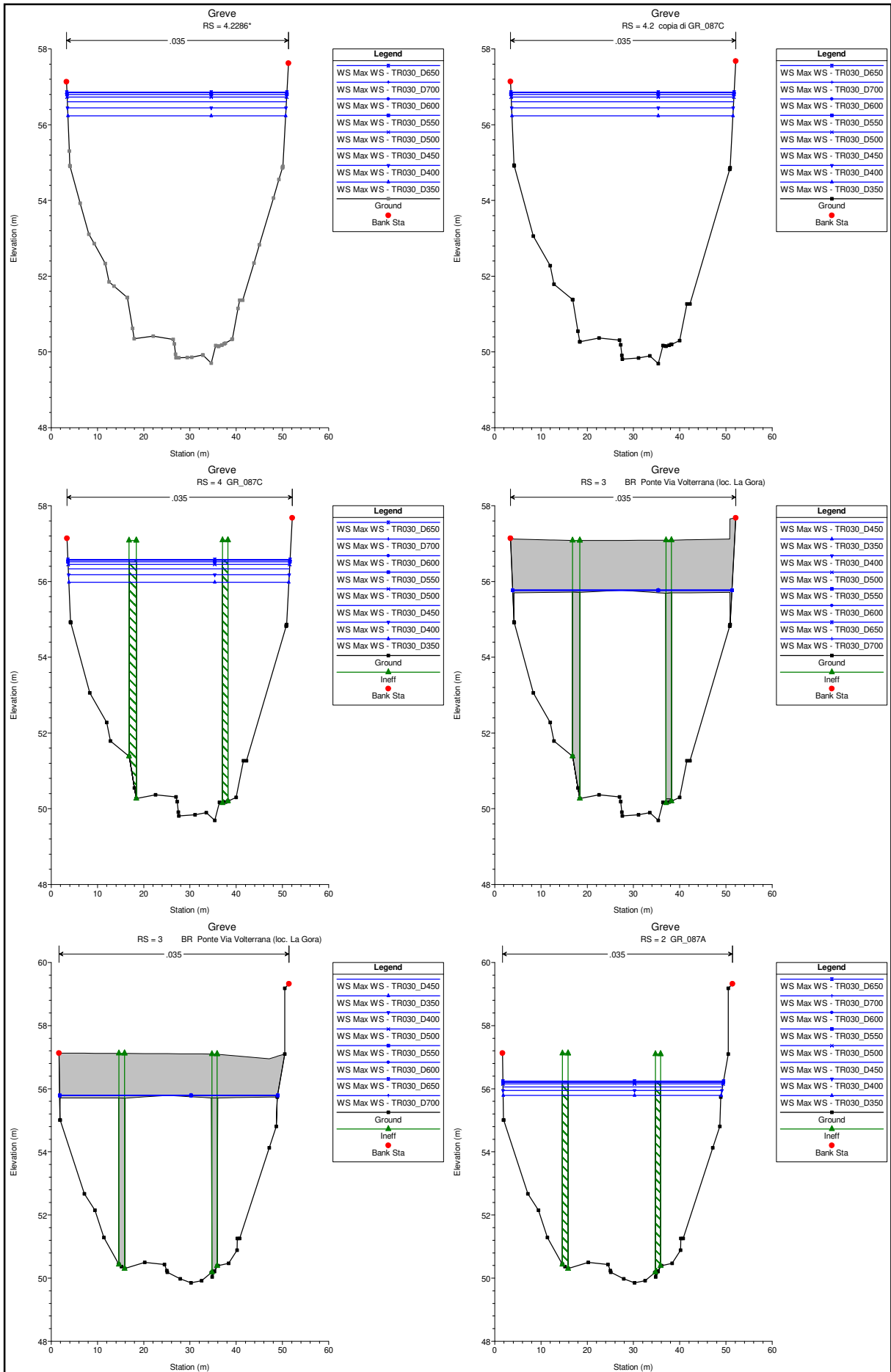


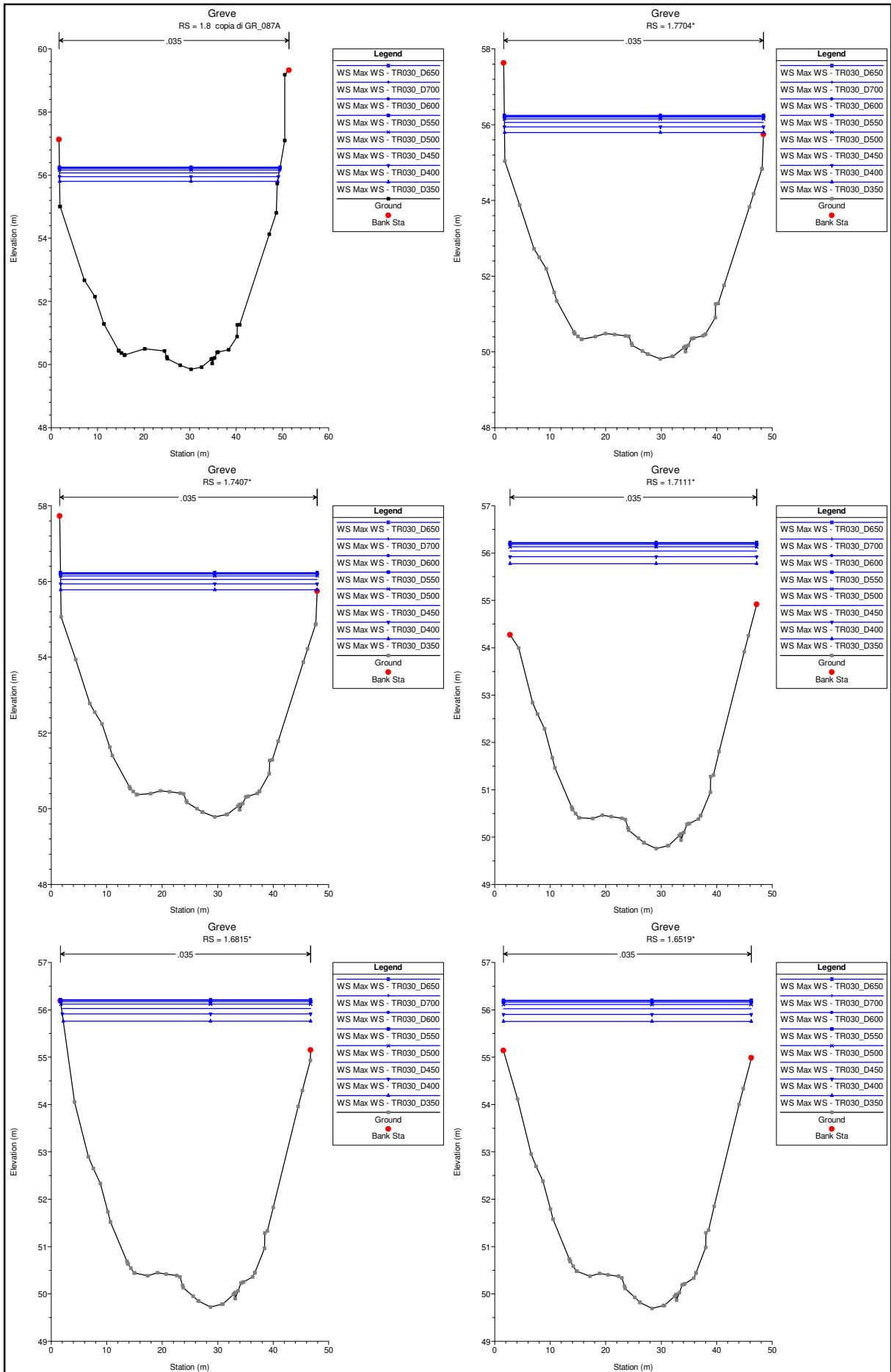


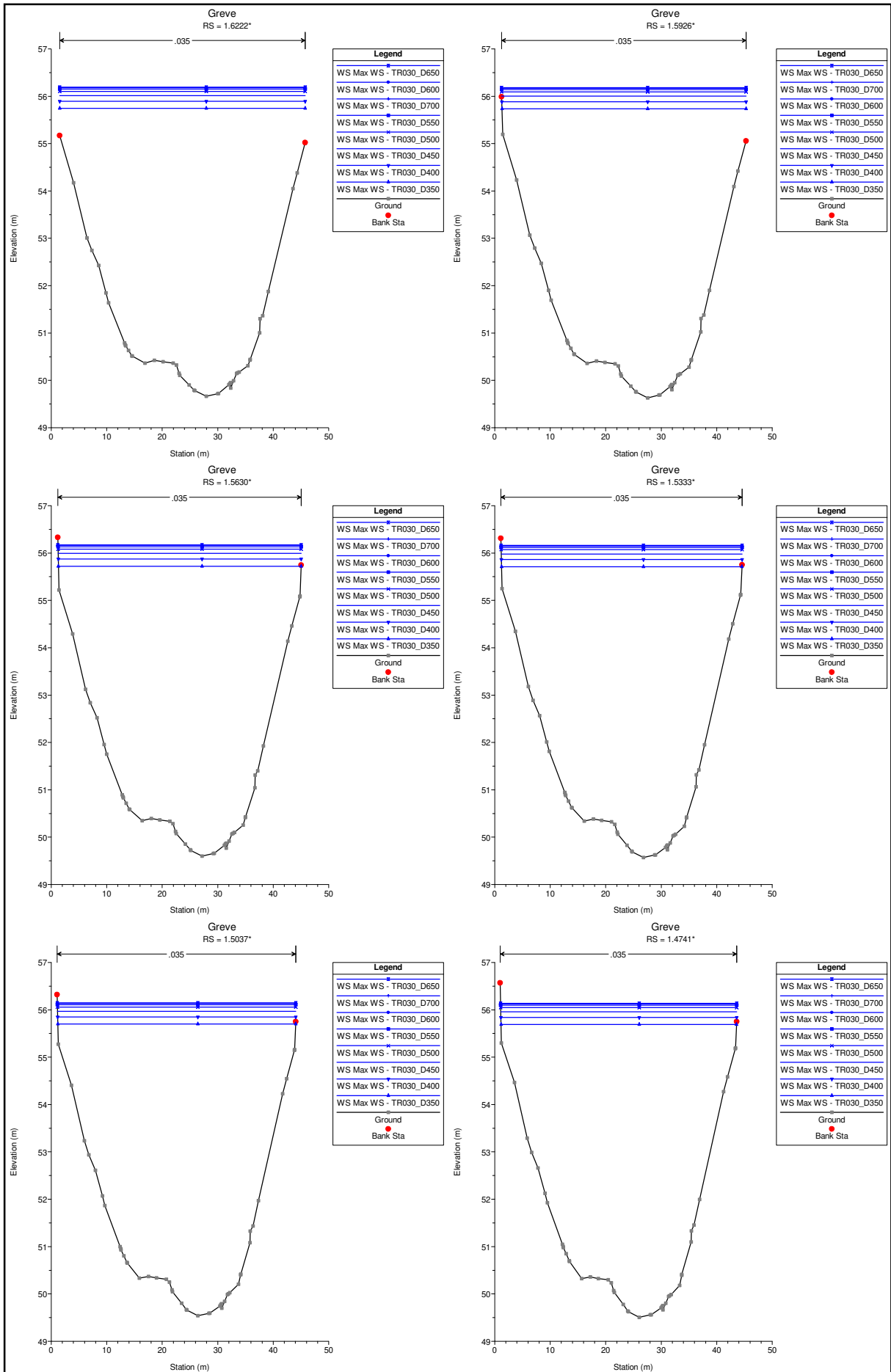


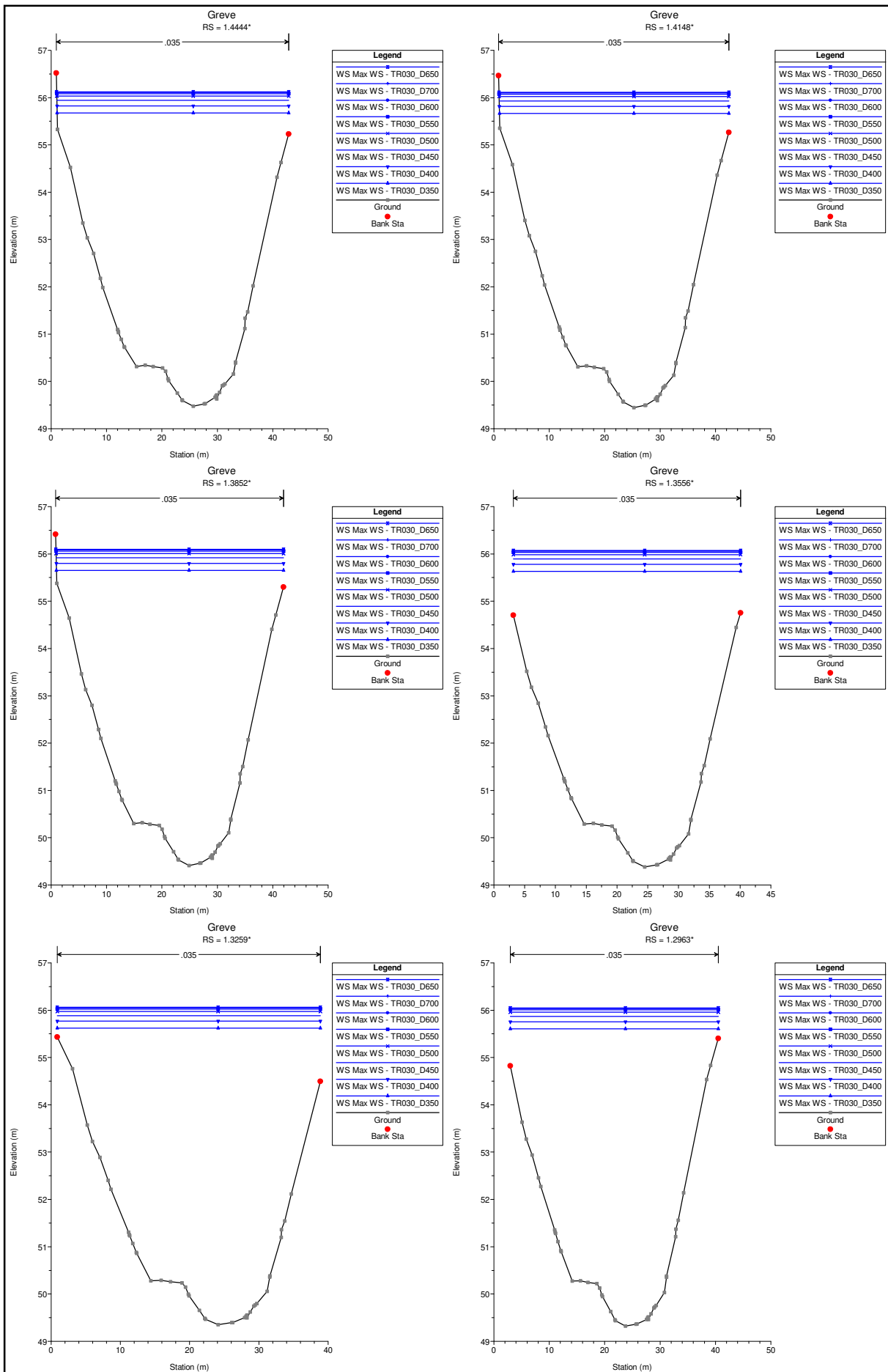


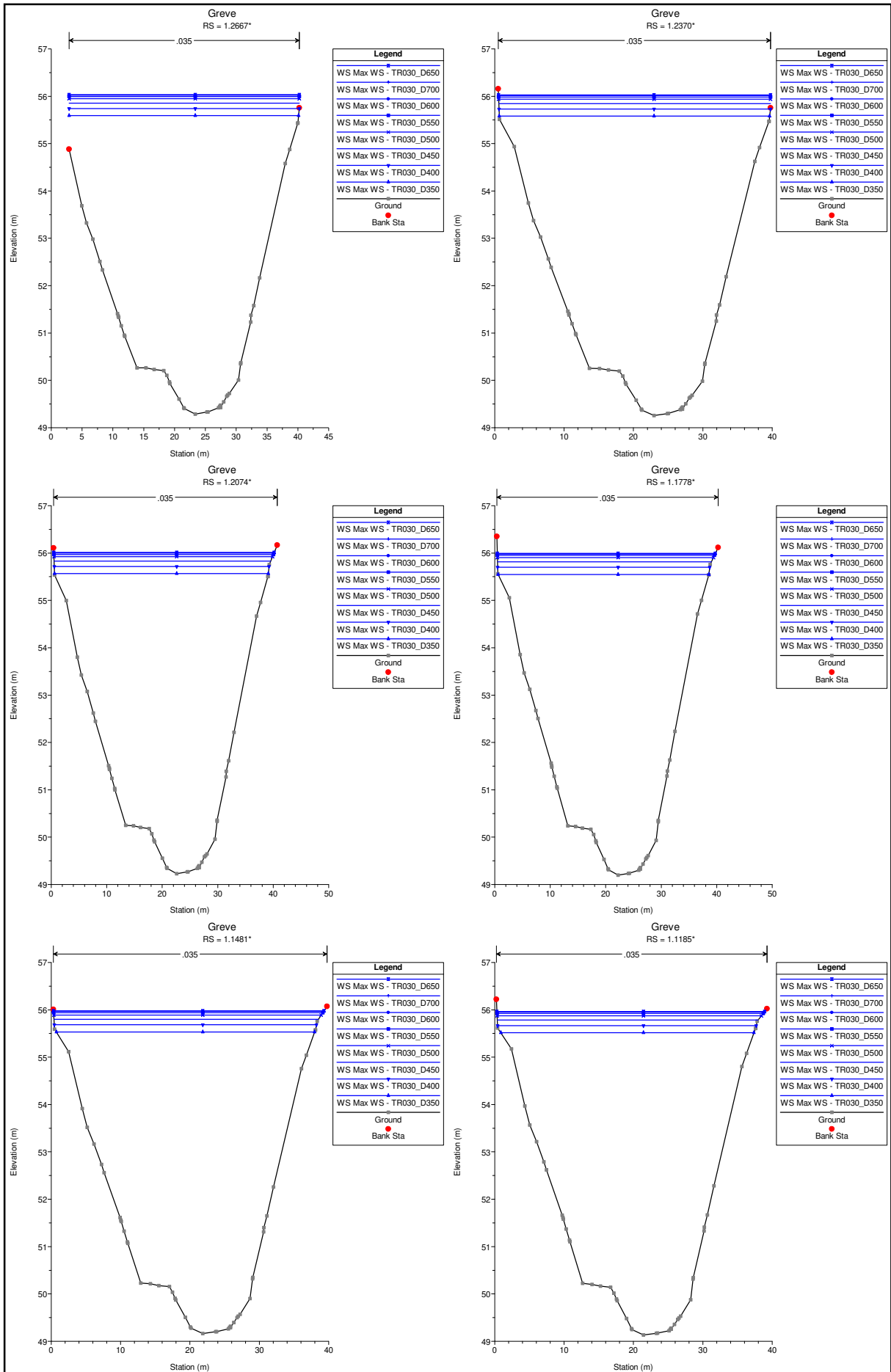


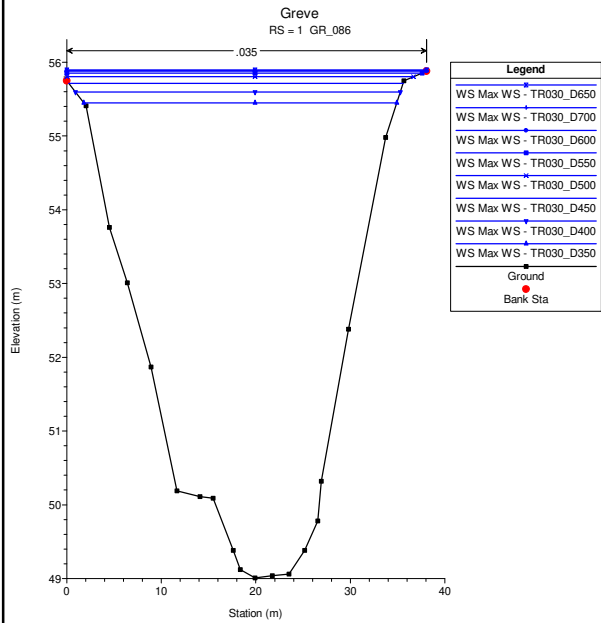
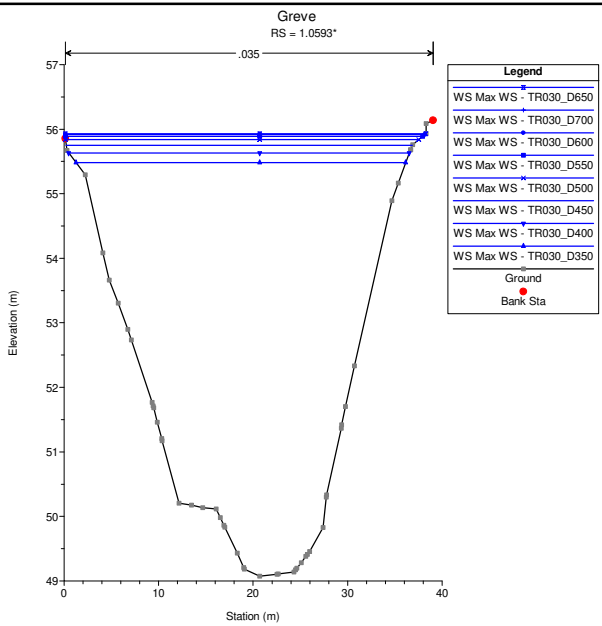
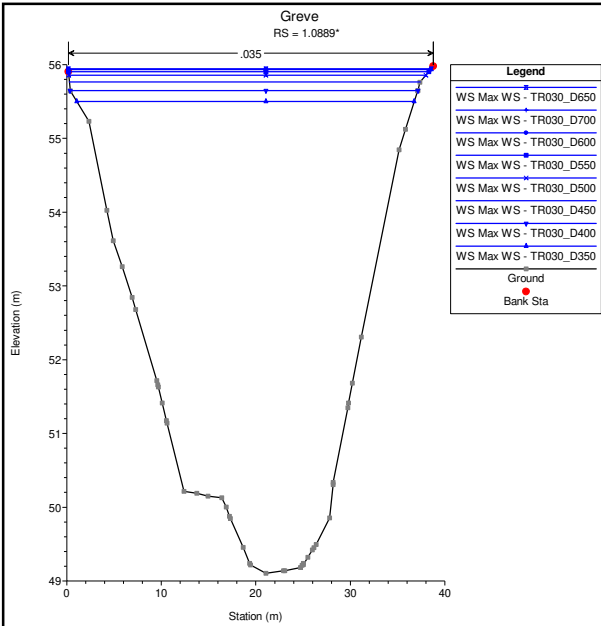












Reach	River Sta	Profile	Plan	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
GR	314	Max WS	TR030_D450	216.58	130.30	134.68		135.41	0.006341	3.79	57.17	22.57	0.76
GR	314	Max WS	TR030_D350	215.59	130.30	134.67		135.40	0.006342	3.78	56.99	22.55	0.76
GR	314	Max WS	TR030_D400	217.31	130.30	134.68		135.42	0.006339	3.79	57.30	22.58	0.76
GR	314	Max WS	TR030_D500	214.19	130.30	134.66		135.38	0.006332	3.77	56.77	22.54	0.76
GR	314	Max WS	TR030_D550	210.44	130.30	134.63		135.35	0.006321	3.75	56.13	22.49	0.76
GR	314	Max WS	TR030_D600	206.15	130.30	134.60		135.30	0.006223	3.72	55.39	22.16	0.75
GR	314	Max WS	TR030_D650	201.19	130.30	134.56		135.25	0.005736	3.69	54.58	20.65	0.72
GR	314	Max WS	TR030_D700	195.95	130.30	134.52		135.19	0.005699	3.65	53.70	20.56	0.72
GR	313.9												
GR	313.7												
GR	313	Max WS	TR030_D450	202.21	129.39	134.34		134.88	0.004577	3.26	61.97	23.89	0.65
GR	313	Max WS	TR030_D350	201.43	129.39	134.33		134.87	0.004578	3.26	61.80	23.88	0.65
GR	313	Max WS	TR030_D400	202.80	129.39	134.34		134.89	0.004576	3.27	62.10	23.90	0.65
GR	313	Max WS	TR030_D500	200.28	129.39	134.32		134.86	0.004568	3.25	61.61	23.86	0.65
GR	313	Max WS	TR030_D550	197.24	129.39	134.30		134.83	0.004557	3.23	61.02	23.81	0.64
GR	313	Max WS	TR030_D600	193.79	129.39	134.27		134.80	0.004549	3.21	60.33	23.76	0.64
GR	313	Max WS	TR030_D650	189.76	129.39	134.24		134.75	0.004532	3.19	59.55	23.69	0.64
GR	313	Max WS	TR030_D700	185.54	129.39	134.20		134.71	0.004534	3.16	58.64	23.62	0.64
GR	312	Max WS	TR030_D450	197.62	128.94	134.12		134.78	0.005301	3.60	54.84	19.80	0.69
GR	312	Max WS	TR030_D350	196.92	128.94	134.11		134.77	0.005295	3.60	54.69	19.76	0.69
GR	312	Max WS	TR030_D400	198.16	128.94	134.12		134.78	0.005308	3.61	54.93	19.83	0.69
GR	312	Max WS	TR030_D500	195.97	128.94	134.10		134.76	0.005276	3.59	54.55	19.72	0.69
GR	312	Max WS	TR030_D550	193.30	128.94	134.08		134.73	0.005233	3.57	54.09	19.59	0.69
GR	312	Max WS	TR030_D600	190.29	128.94	134.05		134.69	0.005189	3.55	53.55	19.43	0.68
GR	312	Max WS	TR030_D650	186.74	128.94	134.02		134.65	0.005129	3.53	52.94	19.26	0.68
GR	312	Max WS	TR030_D700	183.04	128.94	133.98		134.61	0.005083	3.50	52.23	19.05	0.68
GR	311	Max WS	TR030_D450	191.95	129.27	133.82		134.28	0.004116	3.02	63.51	27.21	0.63
GR	311	Max WS	TR030_D350	191.35	129.27	133.81		134.28	0.004127	3.02	63.33	27.21	0.63
GR	311	Max WS	TR030_D400	192.46	129.27	133.82		134.29	0.004114	3.02	63.64	27.22	0.63
GR	311	Max WS	TR030_D500	190.65	129.27	133.80		134.27	0.004133	3.02	63.15	27.20	0.63
GR	311	Max WS	TR030_D550	188.44	129.27	133.78		134.25	0.004152	3.01	62.58	27.17	0.63
GR	311	Max WS	TR030_D600	185.88	129.27	133.76		134.22	0.004180	3.00	61.88	27.13	0.64
GR	311	Max WS	TR030_D650	182.92	129.27	133.73		134.19	0.004209	2.99	61.10	27.10	0.64
GR	311	Max WS	TR030_D700	179.86	129.27	133.69		134.15	0.004276	2.99	60.12	27.05	0.64
GR	310	Max WS	TR030_D450	184.59	128.85	133.64		134.15	0.004276	3.15	58.67	23.76	0.64
GR	310	Max WS	TR030_D350	184.09	128.85	133.63		134.14	0.004288	3.15	58.49	23.74	0.64
GR	310	Max WS	TR030_D400	185.05	128.85	133.65		134.15	0.004275	3.15	58.78	23.78	0.64
GR	310	Max WS	TR030_D500	183.52	128.85	133.63		134.13	0.004296	3.15	58.33	23.72	0.64
GR	310	Max WS	TR030_D550	181.71	128.85	133.60		134.11	0.004319	3.14	57.81	23.65	0.64
GR	310	Max WS	TR030_D600	179.54	128.85	133.58		134.08	0.004351	3.14	57.17	23.56	0.64
GR	310	Max WS	TR030_D650	177.06	128.85	133.55		134.05	0.004384	3.14	56.45	23.47	0.65
GR	310	Max WS	TR030_D700	174.60	128.85	133.51		134.01	0.004466	3.14	55.53	23.35	0.65
GR	309	Max WS	TR030_D450	182.92	129.04	133.42		133.85	0.002992	2.90	62.99	21.37	0.54
GR	309	Max WS	TR030_D350	182.28	129.04	133.41		133.84	0.002994	2.90	62.82	21.36	0.54
GR	309	Max WS	TR030_D400	183.31	129.04	133.42		133.85	0.002991	2.91	63.09	21.38	0.54
GR	309	Max WS	TR030_D500	181.69	129.04	133.40		133.83	0.002996	2.90	62.66	21.35	0.54
GR	309	Max WS	TR030_D550	179.73	129.04	133.38		133.80	0.003001	2.89	62.16	21.32	0.54
GR	309	Max WS	TR030_D600	177.30	129.04	133.35		133.77	0.003005	2.88	61.56	21.28	0.54
GR	309	Max WS	TR030_D650	174.57	129.04	133.32		133.74	0.003010	2.87	60.87	21.24	0.54
GR	309	Max WS	TR030_D700	171.97	129.04	133.27		133.69	0.003055	2.87	59.94	21.18	0.54
GR	308	Max WS	TR030_D450	192.82	128.77	133.23		133.63	0.004063	2.79	69.22	33.34	0.62
GR	308	Max WS	TR030_D350	192.01	128.77	133.23		133.62	0.004061	2.78	68.96	33.22	0.62
GR	308	Max WS	TR030_D400	193.30	128.77	133.24		133.63	0.004065	2.79	69.37	33.42	0.62
GR	308	Max WS	TR030_D500	191.26	128.77	133.22		133.61	0.004057	2.78	68.72	33.10	0.62
GR	308	Max WS	TR030_D550	188.80	128.77	133.20		133.59	0.004045	2.78	67.95	32.73	0.62
GR	308	Max WS	TR030_D600	185.82	128.77	133.17		133.56	0.004028	2.77	67.03	32.28	0.61
GR	308	Max WS	TR030_D650	182.39	128.77	133.14		133.52	0.004003	2.76	66.00	31.76	0.61
GR	308	Max WS	TR030_D700	179.05	128.77	133.09		133.48	0.004065	2.77	64.55	31.25	0.62
GR	307	Max WS	TR030_D450	216.19	127.55	132.30		133.06	0.008130	3.86	55.95	26.70	0.85
GR	307	Max WS	TR030_D350	215.00	127.55	132.29		133.05	0.008151	3.86	55.70	26.68	0.85
GR	307	Max WS	TR030_D400	216.90	127.55	132.30		133.06	0.008126	3.87	56.08	26.72	0.85
GR	307	Max WS	TR030_D500	213.88	127.55	132.28		133.04	0.008156	3.85	55.49	26.66	0.85
GR	307	Max WS	TR030_D550	210.26	127.55	132.25		133.00	0.008195	3.84	54.79	26.60	0.85
GR	307	Max WS	TR030_D600	205.90	127.55	132.22		132.96	0.008248	3.82	53.92	26.52	0.86
GR	307	Max WS	TR030_D650	200.98	127.55	132.18		132.92	0.008320	3.80	52.92	26.42	0.86
GR	307	Max WS	TR030_D700	195.75	127.55	132.14		132.87	0.008323	3.79	51.69	25.88	0.86
GR	306	Max WS	TR030_D450	216.04	127.42	131.66		132.39	0.004927	3.76	57.44	19.30	0.70
GR	306	Max WS	TR030_D350	214.87	127.42	131.65		132.37	0.004925	3.75	57.23	19.29	0.70
GR	306	Max WS	TR030_D400	216.69	127.42	131.67		132.39	0.004935	3.77	57.53	19.31	0.70
GR	306	Max WS	TR030_D500	213.70	127.42	131.65		132.36	0.004908	3.74	57.08	19.28	0.69
GR	306	Max WS	TR030_D550	210.11	127.42	131.62		132.32	0.004876	3.72	56.54	19.24	0.69
GR	306	Max WS	TR030_D600	205.84	127.42	131.58		132.27	0.004845	3.68	55.86	19.20	0.69
GR	306	Max WS	TR030_D650	200.98	127.42	131.54		132.22	0.004813	3.65	55.07	19.14	0.69
GR	306	Max WS	TR030_D700	195.74	127.42	131.50		132.16	0.004779	3.61	54.20	19.09	0.68
GR	305	Max WS	TR030_D450	212.40	127.32	131.40		132.11	0.005223	3.75	56.61	19.90	0.71
GR	305	Max WS	TR030_D350	211.36	127.32	131.39		132.10	0.005218	3.75	56.40	19.85	0.71
GR	305	Max WS	TR030_D400	213.08	127.32	131.40		132.12	0.005236	3.76	56.69	19.91	0.71
GR	305	Max WS	TR030_D500	210.31	127.32	131.38		132.09	0.005196	3.74	56.26	19.82	0.71
GR	305	Max WS	TR030_D550	206.96	127.32	131.35		132.06	0.005118	3.71	55.76	19.63	0.70
GR	305	Max WS	TR030_D600	203.04	127.32	131.32		132.01	0.004985	3.68	55.12	19.22	0.69
GR	305	Max WS	TR030_D650	198.58	127.32	131.28		131.96	0.004832	3.65	54.39	18.74	0.68
GR	305	Max WS	TR030_D700	193.73	127.32	131.24		131.91	0.004712	3.61	53.61	18.40	0.68
GR	304	Max WS	TR030_D450	203.98	127.04	131.15		131.80	0.004673	3.59	56.87	20.08	0.68
GR	304	Max WS	TR030_D350	203.20	127.04	131.14		131.79	0.004687	3.59	56.67	20.07	0.68
GR	304	Max WS	TR030_D400	204.58	127.04	131.15		131.81	0.004685	3.59	56.94	20.08	0.68
GR	304	Max WS	TR030_D500	202.28	127.04	131.13		131.78	0.004672	3.58	56.55	20.06	0.68

HEC-RAS River: Greve Reach: GR 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
GR	304	Max WS	TR030_D550	199.52	127.04	131.11		131.75	0.004658	3.56	56.08	20.03	0.68
GR	304	Max WS	TR030_D600	196.35	127.04	131.08		131.72	0.004657	3.54	55.48	20.00	0.68
GR	304	Max WS	TR030_D650	192.79	127.04	131.04		131.67	0.004659	3.52	54.78	19.96	0.68
GR	304	Max WS	TR030_D700	188.79	127.04	131.00		131.63	0.004656	3.50	54.01	19.92	0.68
GR	303	Max WS	TR030_D450	201.19	126.29	130.91		131.58	0.004886	3.62	55.64	20.02	0.69
GR	303	Max WS	TR030_D350	200.70	126.29	130.90		131.57	0.004922	3.62	55.40	20.01	0.70
GR	303	Max WS	TR030_D400	201.78	126.29	130.91		131.58	0.004902	3.62	55.68	20.03	0.69
GR	303	Max WS	TR030_D500	199.66	126.29	130.90		131.56	0.004896	3.61	55.31	20.00	0.69
GR	303	Max WS	TR030_D550	197.34	126.29	130.87		131.53	0.004902	3.60	54.84	19.98	0.69
GR	303	Max WS	TR030_D600	194.40	126.29	130.84		131.50	0.004915	3.58	54.23	19.94	0.69
GR	303	Max WS	TR030_D650	191.13	126.29	130.81		131.46	0.004942	3.57	53.51	19.90	0.70
GR	303	Max WS	TR030_D700	187.43	126.29	130.77		131.41	0.004957	3.55	52.75	19.86	0.70
GR	302	Max WS	TR030_D450	183.05	126.39	130.68		131.01	0.002356	2.55	71.72	25.82	0.49
GR	302	Max WS	TR030_D350	183.26	126.39	130.67		131.00	0.002394	2.57	71.40	25.82	0.49
GR	302	Max WS	TR030_D400	183.50	126.39	130.68		131.01	0.002364	2.56	71.75	25.82	0.49
GR	302	Max WS	TR030_D500	182.25	126.39	130.66		130.99	0.002377	2.56	71.31	25.82	0.49
GR	302	Max WS	TR030_D550	181.07	126.39	130.64		130.97	0.002405	2.56	70.74	25.82	0.49
GR	302	Max WS	TR030_D600	179.13	126.39	130.61		130.94	0.002435	2.56	69.97	25.82	0.50
GR	302	Max WS	TR030_D650	177.13	126.39	130.57		130.91	0.002479	2.57	69.06	25.82	0.50
GR	302	Max WS	TR030_D700	174.63	126.39	130.54		130.87	0.002517	2.56	68.09	25.82	0.50
GR	301	Max WS	TR030_D450	209.58	125.35	130.47		130.86	0.002776	2.76	75.89	24.70	0.50
GR	301	Max WS	TR030_D350	208.98	125.35	130.45		130.84	0.002792	2.76	75.60	24.70	0.50
GR	301	Max WS	TR030_D400	209.93	125.35	130.47		130.86	0.002782	2.77	75.92	24.70	0.50
GR	301	Max WS	TR030_D500	208.58	125.35	130.45		130.84	0.002795	2.76	75.48	24.70	0.50
GR	301	Max WS	TR030_D550	206.93	125.35	130.43		130.82	0.002812	2.76	74.95	24.70	0.51
GR	301	Max WS	TR030_D600	207.04	125.35	130.40		130.80	0.002901	2.79	74.21	24.70	0.51
GR	301	Max WS	TR030_D650	203.97	125.35	130.36		130.76	0.002916	2.78	73.38	24.70	0.52
GR	301	Max WS	TR030_D700	200.87	125.35	130.33		130.72	0.002935	2.77	72.49	24.70	0.52
GR	300	Max WS	TR030_D450	211.94	126.18	130.29		130.64	0.002212	2.63	80.50	25.19	0.47
GR	300	Max WS	TR030_D350	211.13	126.18	130.28		130.63	0.002219	2.63	80.19	25.17	0.47
GR	300	Max WS	TR030_D400	212.21	126.18	130.29		130.64	0.002216	2.64	80.52	25.19	0.47
GR	300	Max WS	TR030_D500	210.98	126.18	130.27		130.63	0.002227	2.64	80.06	25.16	0.47
GR	300	Max WS	TR030_D550	209.29	126.18	130.25		130.60	0.002237	2.63	79.49	25.12	0.47
GR	300	Max WS	TR030_D600	206.74	126.18	130.22		130.57	0.002247	2.63	78.70	25.06	0.47
GR	300	Max WS	TR030_D650	203.58	126.18	130.18		130.53	0.002251	2.62	77.82	24.99	0.47
GR	300	Max WS	TR030_D700	200.27	126.18	130.14		130.49	0.002255	2.60	76.89	24.92	0.47
GR	299	Max WS	TR030_D450	207.06	125.70	130.12		130.62	0.003564	3.13	66.17	21.59	0.57
GR	299	Max WS	TR030_D350	206.29	125.70	130.11		130.61	0.003582	3.13	65.90	21.59	0.57
GR	299	Max WS	TR030_D400	207.38	125.70	130.12		130.62	0.003572	3.13	66.19	21.59	0.57
GR	299	Max WS	TR030_D500	206.20	125.70	130.10		130.61	0.003597	3.13	65.79	21.59	0.57
GR	299	Max WS	TR030_D550	204.58	125.70	130.08		130.58	0.003623	3.13	65.29	21.59	0.58
GR	299	Max WS	TR030_D600	202.39	125.70	130.05		130.55	0.003661	3.13	64.60	21.59	0.58
GR	299	Max WS	TR030_D650	199.58	125.70	130.01		130.51	0.003691	3.13	63.84	21.59	0.58
GR	299	Max WS	TR030_D700	196.44	125.70	129.98		130.47	0.003717	3.12	63.03	21.59	0.58
GR	298.2	Max WS	TR030_D450	209.24	125.13	129.95		130.49	0.003243	3.24	64.54	19.50	0.57
GR	298.2	Max WS	TR030_D350	208.29	125.13	129.94		130.47	0.003249	3.24	64.29	19.48	0.57
GR	298.2	Max WS	TR030_D400	208.64	125.13	129.95		130.49	0.003212	3.23	64.63	19.51	0.57
GR	298.2	Max WS	TR030_D500	207.17	125.13	129.94		130.47	0.003220	3.22	64.25	19.48	0.57
GR	298.2	Max WS	TR030_D550	205.18	125.13	129.91		130.44	0.003223	3.22	63.80	19.44	0.57
GR	298.2	Max WS	TR030_D600	202.38	125.13	129.88		130.40	0.003220	3.20	63.20	19.39	0.57
GR	298.2	Max WS	TR030_D650	199.45	125.13	129.85		130.36	0.003227	3.19	62.51	19.33	0.57
GR	298.2	Max WS	TR030_D700	196.36	125.13	129.81		130.32	0.003235	3.18	61.77	19.27	0.57
GR	298	Max WS	TR030_D450	209.15	125.13	129.88	128.72	130.63	0.003118	3.82	54.81	19.35	0.61
GR	298	Max WS	TR030_D350	208.19	125.13	129.87	128.71	130.61	0.003121	3.81	54.64	19.33	0.60
GR	298	Max WS	TR030_D400	208.51	125.13	129.89	128.72	130.62	0.003086	3.80	54.88	19.36	0.60
GR	298	Max WS	TR030_D500	207.04	125.13	129.87	128.70	130.60	0.003089	3.79	54.63	19.33	0.60
GR	298	Max WS	TR030_D550	205.06	125.13	129.85	128.69	130.57	0.003087	3.77	54.33	19.29	0.60
GR	298	Max WS	TR030_D600	202.25	125.13	129.82	128.66	130.54	0.003078	3.75	53.92	19.24	0.60
GR	298	Max WS	TR030_D650	199.31	125.13	129.78	128.64	130.49	0.003078	3.73	53.45	19.19	0.60
GR	298	Max WS	TR030_D700	196.24	125.13	129.75	128.60	130.45	0.003080	3.71	52.95	19.12	0.60
GR	297			Bridge									
GR	296	Max WS	TR030_D450	209.13	124.98	129.80		130.58	0.003492	3.91	53.50	22.10	0.63
GR	296	Max WS	TR030_D350	208.19	124.98	129.79		130.56	0.003496	3.90	53.34	22.08	0.63
GR	296	Max WS	TR030_D400	208.49	124.98	129.81		130.58	0.003449	3.89	53.61	22.10	0.62
GR	296	Max WS	TR030_D500	207.03	124.98	129.79		130.56	0.003453	3.88	53.36	22.08	0.62
GR	296	Max WS	TR030_D550	205.05	124.98	129.77		130.53	0.003450	3.86	53.07	22.06	0.62
GR	296	Max WS	TR030_D600	202.24	124.98	129.74		130.49	0.003438	3.84	52.68	22.03	0.62
GR	296	Max WS	TR030_D650	199.31	124.98	129.70		130.45	0.003436	3.82	52.23	21.99	0.62
GR	296	Max WS	TR030_D700	196.21	124.98	129.67		130.40	0.003434	3.79	51.75	21.95	0.62
GR	295.9			Lat Struct									
GR	295.85			Lat Struct									
GR	295.8	Max WS	TR030_D450	208.78	124.98	129.70		130.18	0.003208	3.07	68.11	22.03	0.56
GR	295.8	Max WS	TR030_D350	207.82	124.98	129.69		130.17	0.003214	3.06	67.86	22.01	0.56
GR	295.8	Max WS	TR030_D400	207.94	124.98	129.71		130.18	0.003157	3.04	68.29	22.04	0.55
GR	295.8	Max WS	TR030_D500	206.47	124.98	129.69		130.16	0.003165	3.04	67.91	22.02	0.55
GR	295.8	Max WS	TR030_D550	204.53	124.98	129.67		130.14	0.003169	3.03	67.45	21.99	0.55
GR	295.8	Max WS	TR030_D600	201.64	124.98	129.64		130.11	0.003162	3.02	66.86	21.96	0.55
GR	295.8	Max WS	TR030_D650	198.76	124.98	129.61		130.07	0.003171	3.00	66.16	21.93	0.55
GR	295.8	Max WS	TR030_D700	195.69	124.98	129.58		130.03	0.003179	2.99	65.41	21.89	0.55
GR	295	Max WS	TR030_D450	231.21	124.77	129.03		129.44	0.003764	2.86	80.83	35.86	0.61
GR	295	Max WS	TR030_D350	229.17	124.77	129.01		129.43	0.003762	2.85	80.37	35.82	0.61
GR	295	Max WS	TR030_D400	236.64	124.77	129.03		129.47	0.003908	2.92	81.06	35.87	0.62
GR	295	Max WS	TR030_D500	234.00	124.77	129.01		129.44	0.003931	2.91	80.31	35.82	0.62
GR	295	Max WS	TR030_D550	229.67	124.77	128.99		129.42	0.003884	2.88	79.65	35.78	0.62
GR	295	Max WS	TR030_D600	226.41	124.77	128.96		129.39	0.003932	2.88	78.59	35.70	0.62

HEC-RAS River: Greve Reach: GR 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
GR	295	Max WS	TR030_D650	220.93	124.77	128.93		129.35	0.003920	2.85	77.42	35.62	0.62
GR	295	Max WS	TR030_D700	214.63	124.77	128.90		129.30	0.003877	2.81	76.25	35.54	0.61
GR	294	Max WS	TR030_D450	236.57	124.85	128.83		129.26	0.003792	2.94	82.58	37.49	0.62
GR	294	Max WS	TR030_D350	234.37	124.85	128.82		129.24	0.003786	2.93	82.11	37.45	0.62
GR	294	Max WS	TR030_D400	237.41	124.85	128.83		129.27	0.003786	2.95	82.82	37.51	0.62
GR	294	Max WS	TR030_D500	232.62	124.85	128.82		129.24	0.003720	2.91	82.18	37.46	0.62
GR	294	Max WS	TR030_D550	230.70	124.85	128.80		129.22	0.003763	2.91	81.42	37.40	0.62
GR	294	Max WS	TR030_D600	224.08	124.85	128.77		129.18	0.003690	2.87	80.38	37.31	0.61
GR	294	Max WS	TR030_D650	218.59	124.85	128.74		129.14	0.003674	2.84	79.18	37.21	0.61
GR	294	Max WS	TR030_D700	214.60	124.85	128.70		129.10	0.003665	2.83	77.90	36.71	0.61
GR	293	Max WS	TR030_D450	226.54	124.76	128.66		129.07	0.003538	2.83	80.13	32.13	0.57
GR	293	Max WS	TR030_D350	224.67	124.76	128.65		129.06	0.003533	2.82	79.74	32.13	0.57
GR	293	Max WS	TR030_D400	226.20	124.76	128.67		129.07	0.003518	2.82	80.19	32.13	0.57
GR	293	Max WS	TR030_D500	222.89	124.76	128.65		129.05	0.003483	2.80	79.71	32.13	0.57
GR	293	Max WS	TR030_D550	220.38	124.76	128.63		129.03	0.003496	2.79	79.04	32.13	0.57
GR	293	Max WS	TR030_D600	215.57	124.76	128.60		128.99	0.003459	2.76	78.21	32.13	0.56
GR	293	Max WS	TR030_D650	215.34	124.76	128.57		128.97	0.003592	2.79	77.23	32.13	0.57
GR	293	Max WS	TR030_D700	206.52	124.76	128.54		128.92	0.003456	2.71	76.13	32.13	0.56
GR	292	Max WS	TR030_D450	224.94	125.09	128.25		129.08	0.008583	4.02	55.97	27.94	0.91
GR	292	Max WS	TR030_D350	223.12	125.09	128.24		129.06	0.008621	4.01	55.60	27.94	0.91
GR	292	Max WS	TR030_D400	225.32	125.09	128.25		129.08	0.008579	4.02	56.04	27.94	0.91
GR	292	Max WS	TR030_D500	223.08	125.09	128.24		129.06	0.008618	4.01	55.60	27.94	0.91
GR	292	Max WS	TR030_D550	219.80	125.09	128.22		129.03	0.008669	4.00	54.98	27.94	0.91
GR	292	Max WS	TR030_D600	216.08	125.09	128.19		129.00	0.008770	3.99	54.19	27.94	0.91
GR	292	Max WS	TR030_D650	211.47	125.09	128.15		128.96	0.008894	3.97	53.22	27.94	0.92
GR	292	Max WS	TR030_D700	206.68	125.09	128.11		128.92	0.009099	3.97	52.08	27.94	0.93
GR	291	Max WS	TR030_D450	226.25	124.96	128.10		128.65	0.005633	3.29	68.77	34.72	0.75
GR	291	Max WS	TR030_D350	224.35	124.96	128.09		128.64	0.005609	3.28	68.39	34.58	0.74
GR	291	Max WS	TR030_D400	226.68	124.96	128.10		128.66	0.005640	3.29	68.85	34.75	0.75
GR	291	Max WS	TR030_D500	224.33	124.96	128.09		128.64	0.005608	3.28	68.39	34.58	0.74
GR	291	Max WS	TR030_D550	220.94	124.96	128.07		128.61	0.005559	3.26	67.75	34.33	0.74
GR	291	Max WS	TR030_D600	217.05	124.96	128.05		128.58	0.005515	3.24	66.94	34.02	0.74
GR	291	Max WS	TR030_D650	212.27	124.96	128.02		128.55	0.005457	3.22	65.95	33.64	0.73
GR	291	Max WS	TR030_D700	207.32	124.96	127.98		128.51	0.005416	3.20	64.81	33.19	0.73
GR	290	Max WS	TR030_D450	227.06	124.41	128.04		128.42	0.002526	2.75	82.69	29.38	0.52
GR	290	Max WS	TR030_D350	225.12	124.41	128.03		128.41	0.002517	2.73	82.31	29.37	0.52
GR	290	Max WS	TR030_D400	227.51	124.41	128.04		128.43	0.002530	2.75	82.76	29.39	0.52
GR	290	Max WS	TR030_D500	225.06	124.41	128.03		128.41	0.002516	2.73	82.31	29.37	0.52
GR	290	Max WS	TR030_D550	221.67	124.41	128.00		128.38	0.002498	2.71	81.69	29.34	0.52
GR	290	Max WS	TR030_D600	217.66	124.41	127.98		128.35	0.002485	2.69	80.85	29.30	0.52
GR	290	Max WS	TR030_D650	212.80	124.41	127.94		128.30	0.002467	2.67	79.83	29.26	0.52
GR	290	Max WS	TR030_D700	207.77	124.41	127.90		128.26	0.002465	2.64	78.61	29.20	0.51
GR	289	Max WS	TR030_D450	227.79	123.69	127.96		128.45	0.003190	3.08	73.98	25.67	0.58
GR	289	Max WS	TR030_D350	225.81	123.69	127.95		128.43	0.003176	3.07	73.65	25.65	0.58
GR	289	Max WS	TR030_D400	228.25	123.69	127.97		128.45	0.003195	3.08	74.04	25.67	0.58
GR	289	Max WS	TR030_D500	225.73	123.69	127.95		128.43	0.003174	3.06	73.65	25.65	0.58
GR	289	Max WS	TR030_D550	222.29	123.69	127.93		128.40	0.003148	3.04	73.10	25.63	0.57
GR	289	Max WS	TR030_D600	218.13	123.69	127.90		128.36	0.003123	3.01	72.37	25.59	0.57
GR	289	Max WS	TR030_D650	213.11	123.69	127.87		128.32	0.003091	2.98	71.48	25.52	0.57
GR	289	Max WS	TR030_D700	207.98	123.69	127.83		128.27	0.003073	2.95	70.42	25.40	0.57
GR	288	Max WS	TR030_D450	230.03	122.85	127.77		128.23	0.004635	3.00	76.56	37.29	0.67
GR	288	Max WS	TR030_D350	228.01	122.85	127.76		128.21	0.004640	3.00	76.11	37.27	0.67
GR	288	Max WS	TR030_D400	230.48	122.85	127.77		128.23	0.004636	3.01	76.66	37.29	0.67
GR	288	Max WS	TR030_D500	227.91	122.85	127.76		128.21	0.004634	2.99	76.12	37.27	0.67
GR	288	Max WS	TR030_D550	224.42	122.85	127.74		128.19	0.004637	2.98	75.36	37.24	0.67
GR	288	Max WS	TR030_D600	220.17	122.85	127.71		128.16	0.004660	2.96	74.34	37.21	0.67
GR	288	Max WS	TR030_D650	215.02	122.85	127.67		128.12	0.004685	2.94	73.10	37.16	0.67
GR	288	Max WS	TR030_D700	209.64	122.85	127.64		128.07	0.004742	2.93	71.67	37.11	0.67
GR	287	Max WS	TR030_D450	231.00	122.70	127.54		127.99	0.004821	2.96	77.92	40.62	0.68
GR	287	Max WS	TR030_D350	228.90	122.70	127.53		127.97	0.004828	2.96	77.42	40.57	0.68
GR	287	Max WS	TR030_D400	231.47	122.70	127.54		127.99	0.004824	2.97	78.01	40.63	0.68
GR	287	Max WS	TR030_D500	228.79	122.70	127.53		127.97	0.004819	2.95	77.44	40.57	0.68
GR	287	Max WS	TR030_D550	225.17	122.70	127.51		127.95	0.004823	2.94	76.61	40.48	0.68
GR	287	Max WS	TR030_D600	220.78	122.70	127.48		127.92	0.004845	2.92	75.52	40.36	0.68
GR	287	Max WS	TR030_D650	215.51	122.70	127.45		127.88	0.004833	2.91	74.17	39.93	0.68
GR	287	Max WS	TR030_D700	210.08	122.70	127.41		127.84	0.004810	2.89	72.73	39.34	0.68
GR	286	Max WS	TR030_D450	231.00	122.54	127.28		127.73	0.004990	2.97	77.77	41.07	0.69
GR	286	Max WS	TR030_D350	228.90	122.54	127.26		127.71	0.005007	2.96	77.23	41.03	0.69
GR	286	Max WS	TR030_D400	231.47	122.54	127.28		127.73	0.004993	2.97	77.86	41.08	0.69
GR	286	Max WS	TR030_D500	228.79	122.54	127.26		127.71	0.004992	2.96	77.28	41.03	0.69
GR	286	Max WS	TR030_D550	225.17	122.54	127.24		127.69	0.005002	2.95	76.44	40.97	0.69
GR	286	Max WS	TR030_D600	220.77	122.54	127.22		127.65	0.005038	2.93	75.31	40.88	0.69
GR	286	Max WS	TR030_D650	215.51	122.54	127.18		127.62	0.005092	2.92	73.90	40.77	0.69
GR	286	Max WS	TR030_D700	210.06	122.54	127.15		127.57	0.005158	2.90	72.40	40.65	0.69
GR	285	Max WS	TR030_D450	232.37	122.35	127.00		127.49	0.005674	3.08	75.52	41.59	0.73
GR	285	Max WS	TR030_D350	230.13	122.35	126.99		127.47	0.005663	3.07	74.96	41.36	0.73
GR	285	Max WS	TR030_D400	232.77	122.35	127.01		127.49	0.005677	3.08	75.61	41.63	0.73
GR	285	Max WS	TR030_D500	230.26	122.35	126.99		127.47	0.005660	3.07	75.01	41.38	0.73
GR	285	Max WS	TR030_D550	226.72	122.35	126.97		127.45	0.005635	3.06	74.17	41.03	0.73
GR	285	Max WS	TR030_D600	222.37	122.35	126.94		127.42	0.005623	3.05	73.03	40.54	0.72
GR	285	Max WS	TR030_D650	217.13	122.35	126.91		127.38	0.005608	3.03	71.64	39.94	0.72
GR	285	Max WS	TR030_D700	211.71	122.35	126.87		127.34	0.005584	3.02	70.18	39.25	0.72
GR	284	Max WS	TR030_D450	231.93	121.21	126.75		127.15	0.003869	2.82	82.17	37.32	0.61
GR	284	Max WS	TR030_D350	229.76	121.21	126.73		127.14	0.003872	2.81	81.66	37.30	0.61
GR	284	Max WS	TR030_D400	232.32	121.21	126.75		127.16	0.003872	2.82	82.24	37.32	0.61
GR	284	Max WS	TR030_D500	229.88	121.21	126.74		127.14	0.003866	2.81	81.73	37.30	0.61
GR	284	Max WS	TR030_D550	226.42	121.21	126.72		127.11	0.003866	2.80	80.94	37.27	0.61

HEC-RAS River: Greve Reach: GR 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
GR	284	Max WS	TR030_D600	222.18	121.21	126.69		127.08	0.003874	2.78	79.92	37.23	0.61
GR	284	Max WS	TR030_D650	217.02	121.21	126.65		127.04	0.003884	2.76	78.66	37.18	0.61
GR	284	Max WS	TR030_D700	211.66	121.21	126.62		127.00	0.003905	2.74	77.29	37.12	0.61
GR	283	Max WS	TR030_D450	228.09	121.69	126.55		126.97	0.004218	2.87	79.60	38.85	0.64
GR	283	Max WS	TR030_D350	226.33	121.69	126.53		126.95	0.004250	2.86	79.02	38.83	0.64
GR	283	Max WS	TR030_D400	228.42	121.69	126.55		126.97	0.004220	2.87	79.66	38.85	0.64
GR	283	Max WS	TR030_D500	226.38	121.69	126.54		126.95	0.004238	2.86	79.10	38.83	0.64
GR	283	Max WS	TR030_D550	223.49	121.69	126.51		126.93	0.004276	2.86	78.24	38.80	0.64
GR	283	Max WS	TR030_D600	219.93	121.69	126.49		126.90	0.004330	2.85	77.14	38.76	0.65
GR	283	Max WS	TR030_D650	215.53	121.69	126.45		126.86	0.004400	2.84	75.77	38.70	0.65
GR	283	Max WS	TR030_D700	210.87	121.69	126.41		126.82	0.004478	2.84	74.29	38.60	0.65
GR	282	Max WS	TR030_D450	227.50	120.40	126.31		126.92	0.005009	3.46	65.73	25.10	0.68
GR	282	Max WS	TR030_D350	225.86	120.40	126.30		126.91	0.005026	3.46	65.34	25.07	0.68
GR	282	Max WS	TR030_D400	227.81	120.40	126.32		126.93	0.005012	3.46	65.78	25.11	0.68
GR	282	Max WS	TR030_D500	225.89	120.40	126.30		126.91	0.005011	3.45	65.41	25.08	0.68
GR	282	Max WS	TR030_D550	223.13	120.40	126.28		126.88	0.005018	3.44	64.83	25.03	0.68
GR	282	Max WS	TR030_D600	219.72	120.40	126.25		126.85	0.005032	3.43	64.10	24.97	0.68
GR	282	Max WS	TR030_D650	215.42	120.40	126.21		126.81	0.005039	3.41	63.22	24.90	0.68
GR	282	Max WS	TR030_D700	210.83	120.40	126.17		126.76	0.005052	3.39	62.25	24.82	0.68
GR	281	Max WS	TR030_D450	227.33	120.77	125.90		126.39	0.004487	3.09	73.65	32.69	0.66
GR	281	Max WS	TR030_D350	225.69	120.77	125.89		126.37	0.004526	3.09	73.07	32.62	0.66
GR	281	Max WS	TR030_D400	227.64	120.77	125.91		126.39	0.004491	3.09	73.70	32.70	0.66
GR	281	Max WS	TR030_D500	225.73	120.77	125.89		126.38	0.004501	3.08	73.22	32.64	0.66
GR	281	Max WS	TR030_D550	222.97	120.77	125.87		126.35	0.004531	3.08	72.44	32.53	0.66
GR	281	Max WS	TR030_D600	219.61	120.77	125.84		126.32	0.004579	3.07	71.44	32.40	0.66
GR	281	Max WS	TR030_D650	215.35	120.77	125.80		126.28	0.004624	3.06	70.26	32.24	0.66
GR	281	Max WS	TR030_D700	210.79	120.77	125.76		126.24	0.004678	3.06	68.98	32.07	0.67
GR	280	Max WS	TR030_D450	227.21	120.04	125.49		126.15	0.004848	3.59	63.26	22.43	0.68
GR	280	Max WS	TR030_D350	225.68	120.04	125.47		126.13	0.004883	3.59	62.78	22.36	0.69
GR	280	Max WS	TR030_D400	227.51	120.04	125.49		126.15	0.004858	3.60	63.27	22.44	0.68
GR	280	Max WS	TR030_D500	225.62	120.04	125.48		126.13	0.004846	3.58	62.94	22.38	0.68
GR	280	Max WS	TR030_D550	222.92	120.04	125.45		126.10	0.004846	3.57	62.39	22.29	0.68
GR	280	Max WS	TR030_D600	219.61	120.04	125.42		126.07	0.004855	3.56	61.67	22.18	0.68
GR	280	Max WS	TR030_D650	215.34	120.04	125.38		126.02	0.004848	3.54	60.83	22.04	0.68
GR	280	Max WS	TR030_D700	210.78	120.04	125.34		125.97	0.004838	3.52	59.93	21.89	0.68
GR	279	Max WS	TR030_D450	227.16	119.90	125.25		125.89	0.004832	3.53	64.28	23.69	0.69
GR	279	Max WS	TR030_D350	225.67	119.90	125.23		125.87	0.004872	3.54	63.74	23.57	0.69
GR	279	Max WS	TR030_D400	227.38	119.90	125.25		125.89	0.004840	3.54	64.28	23.69	0.69
GR	279	Max WS	TR030_D500	225.57	119.90	125.24		125.87	0.004826	3.53	63.96	23.62	0.68
GR	279	Max WS	TR030_D550	222.90	119.90	125.21		125.84	0.004824	3.52	63.38	23.49	0.68
GR	279	Max WS	TR030_D600	219.61	119.90	125.18		125.81	0.004832	3.51	62.61	23.31	0.68
GR	279	Max WS	TR030_D650	215.34	119.90	125.14		125.76	0.004813	3.49	61.75	23.12	0.68
GR	279	Max WS	TR030_D700	210.78	119.90	125.10		125.72	0.004791	3.46	60.83	22.91	0.68
GR	278.2	Max WS	TR030_D450	227.13	120.06	125.04		125.63	0.003752	3.40	66.81	21.89	0.62
GR	278.2	Max WS	TR030_D350	225.25	120.06	125.02		125.61	0.003773	3.40	66.28	21.83	0.62
GR	278.2	Max WS	TR030_D400	227.32	120.06	125.04		125.63	0.003759	3.40	66.80	21.89	0.62
GR	278.2	Max WS	TR030_D500	225.54	120.06	125.03		125.62	0.003745	3.39	66.52	21.85	0.62
GR	278.2	Max WS	TR030_D550	222.87	120.06	125.00		125.59	0.003742	3.38	65.97	21.79	0.62
GR	278.2	Max WS	TR030_D600	219.60	120.06	124.97		125.55	0.003747	3.37	65.25	21.70	0.62
GR	278.2	Max WS	TR030_D650	215.34	120.06	124.94		125.50	0.003728	3.34	64.46	21.61	0.62
GR	278.2	Max WS	TR030_D700	210.77	120.06	124.90		125.46	0.003707	3.31	63.60	21.51	0.62
GR	278	Max WS	TR030_D450	227.11	120.06	125.02	124.00	125.67	0.003335	3.58	63.45	21.82	0.61
GR	278	Max WS	TR030_D350	225.26	120.06	125.00	123.99	125.65	0.003354	3.57	63.03	21.76	0.61
GR	278	Max WS	TR030_D400	227.31	120.06	125.02	124.00	125.67	0.003341	3.58	63.45	21.82	0.61
GR	278	Max WS	TR030_D500	225.53	120.06	125.01	123.99	125.65	0.003328	3.57	63.22	21.79	0.61
GR	278	Max WS	TR030_D550	222.88	120.06	124.98	123.97	125.62	0.003327	3.55	62.78	21.73	0.61
GR	278	Max WS	TR030_D600	219.60	120.06	124.95	123.94	125.58	0.003332	3.53	62.20	21.64	0.61
GR	278	Max WS	TR030_D650	215.34	120.06	124.91	123.91	125.54	0.003316	3.50	61.56	21.55	0.60
GR	278	Max WS	TR030_D700	210.77	120.06	124.87	123.88	125.49	0.003298	3.46	60.87	21.45	0.60
GR	277			Bridge									
GR	276	Max WS	TR030_D450	227.10	119.97	125.02		125.66	0.003222	3.55	64.01	23.01	0.60
GR	276	Max WS	TR030_D350	225.23	119.97	125.00		125.64	0.003240	3.54	63.58	22.93	0.60
GR	276	Max WS	TR030_D400	227.31	119.97	125.02		125.66	0.003229	3.55	64.00	23.01	0.60
GR	276	Max WS	TR030_D500	225.52	119.97	125.01		125.65	0.003217	3.54	63.77	22.97	0.60
GR	276	Max WS	TR030_D550	222.87	119.97	124.98		125.61	0.003214	3.52	63.33	22.88	0.60
GR	276	Max WS	TR030_D600	219.61	119.97	124.95		125.57	0.003219	3.50	62.74	22.75	0.60
GR	276	Max WS	TR030_D650	215.34	119.97	124.91		125.53	0.003203	3.47	62.10	22.62	0.60
GR	276	Max WS	TR030_D700	210.78	119.97	124.88		125.48	0.003187	3.43	61.41	22.48	0.59
GR	275.9			Lat Struct									
GR	275.85			Lat Struct									
GR	275.8	Max WS	TR030_D450	227.11	119.97	125.00		125.58	0.003824	3.38	67.17	22.93	0.63
GR	275.8	Max WS	TR030_D350	225.25	119.97	124.97		125.56	0.003842	3.38	66.64	22.84	0.63
GR	275.8	Max WS	TR030_D400	227.31	119.97	125.00		125.58	0.003831	3.38	67.16	22.92	0.63
GR	275.8	Max WS	TR030_D500	225.53	119.97	124.98		125.56	0.003814	3.37	66.88	22.88	0.63
GR	275.8	Max WS	TR030_D550	222.87	119.97	124.96		125.54	0.003807	3.36	66.34	22.79	0.63
GR	275.8	Max WS	TR030_D600	219.60	119.97	124.93		125.50	0.003807	3.35	65.61	22.67	0.63
GR	275.8	Max WS	TR030_D650	215.34	119.97	124.89		125.46	0.003781	3.32	64.82	22.54	0.63
GR	275.8	Max WS	TR030_D700	210.76	119.97	124.86		125.41	0.003753	3.29	63.98	22.40	0.62
GR	275	Max WS	TR030_D450	227.45	119.67	124.72		125.06	0.003216	2.58	88.10	40.51	0.56
GR	275	Max WS	TR030_D350	225.15	119.67	124.70		125.04	0.003266	2.58	87.11	40.49	0.56
GR	275	Max WS	TR030_D400	227.69	119.67	124.72		125.06	0.003226	2.59	88.07	40.51	0.56
GR	275	Max WS	TR030_D500	226.01	119.67	124.71		125.05	0.003233	2.58	87.61	40.50	0.56
GR	275	Max WS	TR030_D550	223.08	119.67	124.69		125.02	0.003261	2.57	86.65	40.48	0.56
GR	275	Max WS	TR030_D600	219.40	119.67	124.66		124.99	0.003304	2.57	85.40	40.44	0.56
GR	275	Max WS	TR030_D650	215.21	119.67	124.62		124.96	0.003310	2.56	84.07	40.11	0.56

HEC-RAS River: Greve Reach: GR 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
GR	275	Max WS	TR030_D700	210.68	119.67	124.59		124.92	0.003311	2.55	82.67	39.75	0.56
GR	274	Max WS	TR030_D450	227.69	119.73	124.56		124.87	0.002734	2.44	93.31	41.24	0.52
GR	274	Max WS	TR030_D350	225.03	119.73	124.54		124.84	0.002773	2.44	92.20	41.21	0.52
GR	274	Max WS	TR030_D400	227.79	119.73	124.56		124.87	0.002741	2.44	93.26	41.24	0.52
GR	274	Max WS	TR030_D500	226.11	119.73	124.55		124.85	0.002745	2.44	92.78	41.22	0.52
GR	274	Max WS	TR030_D550	223.16	119.73	124.52		124.83	0.002770	2.43	91.75	41.19	0.52
GR	274	Max WS	TR030_D600	219.22	119.73	124.49		124.79	0.002799	2.42	90.42	41.15	0.52
GR	274	Max WS	TR030_D650	214.87	119.73	124.46		124.76	0.002823	2.41	89.04	41.11	0.52
GR	274	Max WS	TR030_D700	210.52	119.73	124.42		124.72	0.002857	2.40	87.56	41.07	0.53
GR	273	Max WS	TR030_D450	227.63	119.80	124.39		124.89	0.004740	3.16	72.06	32.52	0.68
GR	273	Max WS	TR030_D350	224.66	119.80	124.36		124.87	0.004637	3.15	71.27	31.66	0.67
GR	273	Max WS	TR030_D400	227.56	119.80	124.38		124.89	0.004739	3.16	72.02	32.47	0.68
GR	273	Max WS	TR030_D500	225.90	119.80	124.37		124.88	0.004679	3.15	71.69	32.13	0.67
GR	273	Max WS	TR030_D550	222.83	119.80	124.35		124.85	0.004568	3.14	70.98	31.35	0.67
GR	273	Max WS	TR030_D600	218.57	119.80	124.32		124.82	0.004406	3.12	70.08	30.33	0.66
GR	273	Max WS	TR030_D650	214.66	119.80	124.29		124.78	0.004252	3.10	69.18	29.29	0.64
GR	273	Max WS	TR030_D700	210.40	119.80	124.26		124.74	0.004075	3.08	68.23	28.15	0.63
GR	272	Max WS	TR030_D450	223.03	119.98	124.14		124.67	0.003792	3.21	69.59	25.11	0.61
GR	272	Max WS	TR030_D350	220.57	119.98	124.12		124.64	0.003786	3.19	69.08	25.05	0.61
GR	272	Max WS	TR030_D400	223.11	119.98	124.14		124.67	0.003800	3.21	69.55	25.11	0.62
GR	272	Max WS	TR030_D500	221.60	119.98	124.13		124.65	0.003776	3.19	69.37	25.09	0.61
GR	272	Max WS	TR030_D550	218.81	119.98	124.12		124.63	0.003746	3.17	68.94	25.03	0.61
GR	272	Max WS	TR030_D600	214.83	119.98	124.09		124.60	0.003694	3.14	68.38	24.97	0.61
GR	272	Max WS	TR030_D650	211.31	119.98	124.07		124.57	0.003637	3.12	67.78	24.75	0.60
GR	272	Max WS	TR030_D700	207.46	119.98	124.04		124.53	0.003557	3.09	67.13	24.41	0.60
GR	271	Max WS	TR030_D450	220.62	119.56	123.79		124.64	0.008197	4.08	54.13	24.15	0.87
GR	271	Max WS	TR030_D350	218.13	119.56	123.77		124.61	0.008238	4.07	53.63	24.11	0.87
GR	271	Max WS	TR030_D400	220.54	119.56	123.79		124.64	0.008207	4.08	54.09	24.15	0.87
GR	271	Max WS	TR030_D500	219.63	119.56	123.78		124.63	0.008213	4.07	53.93	24.14	0.87
GR	271	Max WS	TR030_D550	217.40	119.56	123.76		124.61	0.008237	4.06	53.51	24.10	0.87
GR	271	Max WS	TR030_D600	214.70	119.56	123.74		124.58	0.008272	4.05	52.99	24.06	0.87
GR	271	Max WS	TR030_D650	211.65	119.56	123.72		124.55	0.008304	4.04	52.42	24.02	0.87
GR	271	Max WS	TR030_D700	208.36	119.56	123.69		124.52	0.008341	4.02	51.80	23.97	0.87
GR	270	Max WS	TR030_D450	221.05	119.73	123.29		123.75	0.005328	3.00	73.70	41.43	0.72
GR	270	Max WS	TR030_D350	218.55	119.73	123.27		123.73	0.005425	3.01	72.72	41.33	0.72
GR	270	Max WS	TR030_D400	220.77	119.73	123.29		123.75	0.005338	3.00	73.60	41.42	0.72
GR	270	Max WS	TR030_D500	219.94	119.73	123.28		123.74	0.005360	3.00	73.32	41.40	0.72
GR	270	Max WS	TR030_D550	217.80	119.73	123.26		123.72	0.005425	3.00	72.56	41.31	0.72
GR	270	Max WS	TR030_D600	215.09	119.73	123.24		123.70	0.005514	3.00	71.58	41.20	0.73
GR	270	Max WS	TR030_D650	212.02	119.73	123.22		123.68	0.005599	3.01	70.55	41.08	0.73
GR	270	Max WS	TR030_D700	208.65	119.73	123.19		123.65	0.005705	3.01	69.39	40.94	0.74
GR	269	Max WS	TR030_D450	223.46	119.09	123.04		123.39	0.003799	2.64	84.59	43.92	0.61
GR	269	Max WS	TR030_D350	220.78	119.09	123.01		123.37	0.003872	2.65	83.39	43.78	0.61
GR	269	Max WS	TR030_D400	223.18	119.09	123.04		123.39	0.003808	2.64	84.46	43.90	0.61
GR	269	Max WS	TR030_D500	222.31	119.09	123.03		123.38	0.003822	2.64	84.14	43.87	0.61
GR	269	Max WS	TR030_D550	220.00	119.09	123.01		123.36	0.003871	2.64	83.20	43.76	0.61
GR	269	Max WS	TR030_D600	217.14	119.09	122.98		123.34	0.003940	2.65	82.01	43.61	0.62
GR	269	Max WS	TR030_D650	213.93	119.09	122.95		123.31	0.004005	2.65	80.76	43.47	0.62
GR	269	Max WS	TR030_D700	210.38	119.09	122.92		123.28	0.004090	2.65	79.32	43.30	0.63
GR	268	Max WS	TR030_D450	224.94	119.14	122.83		123.11	0.003477	2.33	96.75	57.86	0.57
GR	268	Max WS	TR030_D350	222.11	119.14	122.80		123.08	0.003586	2.34	94.99	57.68	0.58
GR	268	Max WS	TR030_D400	224.66	119.14	122.83		123.11	0.003490	2.33	96.55	57.84	0.58
GR	268	Max WS	TR030_D500	223.75	119.14	122.82		123.10	0.003513	2.33	96.09	57.79	0.58
GR	268	Max WS	TR030_D550	221.40	119.14	122.80		123.08	0.003589	2.34	94.76	57.66	0.58
GR	268	Max WS	TR030_D600	218.28	119.14	122.77		123.05	0.003692	2.35	93.02	57.48	0.59
GR	268	Max WS	TR030_D650	215.11	119.14	122.74		123.02	0.003809	2.36	91.20	57.29	0.60
GR	268	Max WS	TR030_D700	211.44	119.14	122.70		122.99	0.003953	2.37	89.09	57.08	0.61
GR	267	Max WS	TR030_D450	227.07	119.09	122.68		122.87	0.001994	1.95	116.42	59.82	0.45
GR	267	Max WS	TR030_D350	224.08	119.09	122.64		122.84	0.002055	1.96	114.32	59.67	0.45
GR	267	Max WS	TR030_D400	226.79	119.09	122.68		122.87	0.002002	1.95	116.18	59.81	0.45
GR	267	Max WS	TR030_D500	225.85	119.09	122.67		122.86	0.002013	1.95	115.67	59.77	0.45
GR	267	Max WS	TR030_D550	223.38	119.09	122.64		122.84	0.002055	1.96	114.09	59.66	0.45
GR	267	Max WS	TR030_D600	220.10	119.09	122.61		122.80	0.002111	1.96	112.03	59.51	0.46
GR	267	Max WS	TR030_D650	216.73	119.09	122.57		122.77	0.002177	1.97	109.84	59.35	0.46
GR	267	Max WS	TR030_D700	212.91	119.09	122.53		122.73	0.002259	1.98	107.31	59.16	0.47
GR	266	Max WS	TR030_D450	228.57	118.10	122.62		122.74	0.000748	1.53	156.01	68.23	0.29
GR	266	Max WS	TR030_D350	225.44	118.10	122.59		122.70	0.000762	1.53	153.45	68.23	0.29
GR	266	Max WS	TR030_D400	228.27	118.10	122.62		122.74	0.000750	1.53	155.72	68.23	0.29
GR	266	Max WS	TR030_D500	227.25	118.10	122.61		122.73	0.000751	1.52	155.11	68.23	0.29
GR	266	Max WS	TR030_D550	224.63	118.10	122.58		122.70	0.000760	1.52	153.18	68.23	0.29
GR	266	Max WS	TR030_D600	221.19	118.10	122.54		122.66	0.000772	1.52	150.68	68.23	0.29
GR	266	Max WS	TR030_D650	217.61	118.10	122.50		122.62	0.000785	1.52	147.96	68.22	0.29
GR	266	Max WS	TR030_D700	213.61	118.10	122.46		122.58	0.000801	1.52	144.82	68.14	0.29
GR	265	Max WS	TR030_D450	228.99	118.16	122.46		122.75	0.002734	2.38	96.26	45.39	0.52
GR	265	Max WS	TR030_D350	225.73	118.16	122.42		122.71	0.002782	2.39	94.54	44.90	0.53
GR	265	Max WS	TR030_D400	228.68	118.16	122.45		122.74	0.002740	2.38	96.07	45.34	0.52
GR	265	Max WS	TR030_D500	227.59	118.16	122.44		122.73	0.002744	2.38	95.67	45.22	0.52
GR	265	Max WS	TR030_D550	224.87	118.16	122.41		122.70	0.002773	2.38	94.38	44.86	0.52
GR	265	Max WS	TR030_D600	221.33	118.16	122.38		122.67	0.002811	2.39	92.72	44.38	0.53
GR	265	Max WS	TR030_D650	217.69	118.16	122.34		122.63	0.002857	2.39	90.94	43.86	0.53
GR	265	Max WS	TR030_D700	213.64	118.16	122.29		122.59	0.002915	2.40	88.91	43.27	0.54
GR	264	Max WS	TR030_D450	229.36	117.86	122.23		122.74	0.004182	3.14	72.94	29.21	0.64
GR	264	Max WS	TR030_D350	225.94	117.86	122.19		122.70	0.004216	3.15	71.76	28.83	0.64
GR	264	Max WS	TR030_D400	229.04	117.86	122.23		122.73	0.004190	3.15	72.80	29.17	0.64
GR	264	Max WS	TR030_D500	227.95	117.86	122.22		122.72	0.004184	3.14	72.54	29.08	0.64
GR	264	Max WS	TR030_D550	225.13	117.86	122.19		122.69	0.004197	3.14	71.68	28.80	0.64
GR	264	Max WS	TR030_D600	221.48	117.86	122.15		122.65	0.004214	3.14	70.56	28.42	0.64

HEC-RAS River: Greve Reach: GR 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
GR	264	Max WS	TR030_D650	217.72	117.86	122.11		122.61	0.004236	3.14	69.36	28.02	0.64
GR	264	Max WS	TR030_D700	213.63	117.86	122.06		122.56	0.004260	3.14	68.07	27.57	0.64
GR	263	Max WS	TR030_D450	231.94	117.18	122.05		122.37	0.002191	2.50	92.83	33.67	0.48
GR	263	Max WS	TR030_D350	228.15	117.18	122.01		122.33	0.002215	2.50	91.41	33.50	0.48
GR	263	Max WS	TR030_D400	231.57	117.18	122.05		122.36	0.002195	2.50	92.66	33.65	0.48
GR	263	Max WS	TR030_D500	230.40	117.18	122.04		122.35	0.002192	2.49	92.38	33.62	0.48
GR	263	Max WS	TR030_D550	227.28	117.18	122.01		122.32	0.002203	2.49	91.34	33.49	0.48
GR	263	Max WS	TR030_D600	223.30	117.18	121.97		122.28	0.002219	2.48	90.00	33.33	0.48
GR	263	Max WS	TR030_D650	219.13	117.18	121.92		122.24	0.002240	2.47	88.54	33.15	0.48
GR	263	Max WS	TR030_D700	214.72	117.18	121.88		122.19	0.002263	2.47	87.00	32.97	0.49
GR	262	Max WS	TR030_D450	231.76	116.60	121.87		122.26	0.002589	2.76	84.08	29.37	0.52
GR	262	Max WS	TR030_D350	228.06	116.60	121.83		122.22	0.002626	2.75	82.79	29.31	0.52
GR	262	Max WS	TR030_D400	231.42	116.60	121.87		122.26	0.002597	2.76	83.92	29.37	0.52
GR	262	Max WS	TR030_D500	230.26	116.60	121.86		122.25	0.002593	2.75	83.67	29.36	0.52
GR	262	Max WS	TR030_D550	227.18	116.60	121.83		122.21	0.002610	2.75	82.75	29.31	0.52
GR	262	Max WS	TR030_D600	223.29	116.60	121.79		122.17	0.002635	2.74	81.55	29.25	0.52
GR	262	Max WS	TR030_D650	219.15	116.60	121.74		122.12	0.002664	2.73	80.25	29.19	0.53
GR	262	Max WS	TR030_D700	214.75	116.60	121.69		122.07	0.002699	2.72	78.84	29.12	0.53
GR	261	Max WS	TR030_D450	225.21	116.43	121.77		122.08	0.001740	2.48	90.80	25.83	0.42
GR	261	Max WS	TR030_D350	222.42	116.43	121.72		122.04	0.001768	2.48	89.59	25.83	0.43
GR	261	Max WS	TR030_D400	224.95	116.43	121.76		122.08	0.001745	2.48	90.64	25.83	0.42
GR	261	Max WS	TR030_D500	224.03	116.43	121.76		122.07	0.001743	2.48	90.43	25.83	0.42
GR	261	Max WS	TR030_D550	221.60	116.43	121.72		122.03	0.001755	2.47	89.58	25.83	0.42
GR	261	Max WS	TR030_D600	218.57	116.43	121.68		121.99	0.001773	2.47	88.47	25.83	0.43
GR	261	Max WS	TR030_D650	215.30	116.43	121.63		121.94	0.001794	2.47	87.26	25.83	0.43
GR	261	Max WS	TR030_D700	211.79	116.43	121.58		121.89	0.001817	2.46	85.95	25.83	0.43
GR	260	Max WS	TR030_D450	225.55	116.90	121.63		122.03	0.002503	2.78	81.22	24.34	0.49
GR	260	Max WS	TR030_D350	222.71	116.90	121.59		121.98	0.002550	2.78	80.05	24.34	0.49
GR	260	Max WS	TR030_D400	225.32	116.90	121.63		122.02	0.002512	2.78	81.06	24.34	0.49
GR	260	Max WS	TR030_D500	224.38	116.90	121.62		122.01	0.002510	2.77	80.87	24.34	0.49
GR	260	Max WS	TR030_D550	221.95	116.90	121.59		121.98	0.002532	2.77	80.06	24.34	0.49
GR	260	Max WS	TR030_D600	218.85	116.90	121.54		121.93	0.002564	2.77	78.99	24.34	0.49
GR	260	Max WS	TR030_D650	215.43	116.90	121.49		121.89	0.002599	2.77	77.84	24.34	0.49
GR	260	Max WS	TR030_D700	211.76	116.90	121.44		121.83	0.002638	2.76	76.59	24.34	0.50
GR	259.2	Max WS	TR030_D450	228.46	116.35	121.53		121.82	0.002603	2.40	95.15	40.74	0.50
GR	259.2	Max WS	TR030_D350	225.31	116.35	121.48		121.77	0.002637	2.42	93.13	39.77	0.50
GR	259.2	Max WS	TR030_D400	228.18	116.35	121.52		121.81	0.002611	2.41	94.87	40.61	0.50
GR	259.2	Max WS	TR030_D500	227.20	116.35	121.51		121.81	0.002605	2.40	94.55	40.46	0.50
GR	259.2	Max WS	TR030_D550	224.56	116.35	121.48		121.77	0.002617	2.41	93.18	39.79	0.50
GR	259.2	Max WS	TR030_D600	221.17	116.35	121.43		121.73	0.002629	2.42	91.43	38.92	0.50
GR	259.2	Max WS	TR030_D650	217.44	116.35	121.38		121.68	0.002639	2.43	89.56	37.97	0.50
GR	259.2	Max WS	TR030_D700	213.47	116.35	121.33		121.63	0.002644	2.44	87.60	36.94	0.51
GR	259	Max WS	TR030_D450	228.46	116.35	121.42	119.88	121.88	0.002021	3.02	75.76	38.65	0.48
GR	259	Max WS	TR030_D350	225.30	116.35	121.37	119.86	121.84	0.002041	3.01	74.91	37.77	0.48
GR	259	Max WS	TR030_D400	228.19	116.35	121.41	119.88	121.88	0.002026	3.02	75.65	38.54	0.48
GR	259	Max WS	TR030_D500	227.20	116.35	121.41	119.87	121.87	0.002020	3.01	75.52	38.40	0.48
GR	259	Max WS	TR030_D550	224.55	116.35	121.38	119.85	121.83	0.002025	3.00	74.94	37.80	0.48
GR	259	Max WS	TR030_D600	221.17	116.35	121.34	119.83	121.79	0.002033	2.98	74.17	37.01	0.48
GR	259	Max WS	TR030_D650	217.44	116.35	121.29	119.80	121.74	0.002040	2.96	73.34	36.15	0.48
GR	259	Max WS	TR030_D700	213.47	116.35	121.24	119.77	121.69	0.002048	2.95	72.44	35.38	0.48
GR	258		Bridge										
GR	257	Max WS	TR030_D450	228.43	116.45	121.17		121.69	0.002420	3.18	71.88	40.46	0.52
GR	257	Max WS	TR030_D350	225.25	116.45	121.14		121.65	0.002430	3.16	71.19	40.46	0.52
GR	257	Max WS	TR030_D400	228.15	116.45	121.17		121.68	0.002427	3.18	71.77	40.46	0.52
GR	257	Max WS	TR030_D500	227.19	116.45	121.16		121.67	0.002413	3.17	71.70	40.46	0.52
GR	257	Max WS	TR030_D550	224.55	116.45	121.14		121.65	0.002405	3.15	71.27	40.46	0.52
GR	257	Max WS	TR030_D600	221.16	116.45	121.11		121.61	0.002397	3.13	70.70	40.45	0.52
GR	257	Max WS	TR030_D650	217.44	116.45	121.08		121.57	0.002388	3.10	70.06	34.33	0.52
GR	257	Max WS	TR030_D700	213.47	116.45	121.04		121.52	0.002380	3.08	69.36	32.28	0.51
GR	256.9		Lat Struct										
GR	256.85		Lat Struct										
GR	256.8	Max WS	TR030_D450	228.42	116.45	121.14		121.57	0.004941	2.92	78.32	40.46	0.67
GR	256.8	Max WS	TR030_D350	225.23	116.45	121.11		121.54	0.005084	2.93	76.95	40.45	0.68
GR	256.8	Max WS	TR030_D400	228.13	116.45	121.13		121.57	0.004973	2.92	78.10	40.45	0.67
GR	256.8	Max WS	TR030_D500	227.18	116.45	121.13		121.56	0.004957	2.91	77.97	40.45	0.67
GR	256.8	Max WS	TR030_D550	224.55	116.45	121.11		121.54	0.005014	2.91	77.13	40.45	0.67
GR	256.8	Max WS	TR030_D600	221.16	116.45	121.08		121.51	0.004427	2.91	76.04	35.98	0.64
GR	256.8	Max WS	TR030_D650	217.44	116.45	121.05		121.48	0.003961	2.90	74.97	32.43	0.61
GR	256.8	Max WS	TR030_D700	213.47	116.45	121.02		121.44	0.003946	2.89	73.83	31.97	0.61
GR	256	Max WS	TR030_D450	228.19	116.54	120.95		121.35	0.002795	2.79	81.77	29.27	0.53
GR	256	Max WS	TR030_D350	225.01	116.54	120.92		121.31	0.002816	2.79	80.78	29.19	0.53
GR	256	Max WS	TR030_D400	227.89	116.54	120.94		121.34	0.002803	2.79	81.61	29.26	0.53
GR	256	Max WS	TR030_D500	226.98	116.54	120.94		121.34	0.002788	2.78	81.55	29.25	0.53
GR	256	Max WS	TR030_D550	224.38	116.54	120.92		121.31	0.002782	2.77	80.97	29.21	0.53
GR	256	Max WS	TR030_D600	221.03	116.54	120.90		121.28	0.002777	2.76	80.19	29.15	0.53
GR	256	Max WS	TR030_D650	217.33	116.54	120.87		121.25	0.002775	2.74	79.29	29.08	0.53
GR	256	Max WS	TR030_D700	213.39	116.54	120.83		121.21	0.002777	2.73	78.29	29.00	0.53
GR	255	Max WS	TR030_D450	215.81	116.22	120.82		121.13	0.002234	2.43	88.77	33.56	0.48
GR	255	Max WS	TR030_D350	213.70	116.22	120.79		121.09	0.002288	2.44	87.55	33.56	0.48
GR	255	Max WS	TR030_D400	215.69	116.22	120.82		121.12	0.002248	2.44	88.56	33.56	0.48
GR	255	Max WS	TR030_D500	214.88	116.22	120.82		121.12	0.002234	2.43	88.53	33.56	0.48
GR	255	Max WS	TR030_D550	212.95	116.22	120.80		121.10	0.002247	2.42	87.86	33.56	0.48
GR	255	Max WS	TR030_D600	210.43	116.22	120.77		121.07	0.002267	2.42	86.95	33.56	0.48
GR	255	Max WS	TR030_D650	207.68	116.22	120.74		121.04	0.002294	2.42	85.90	33.56	0.48
GR	255	Max WS	TR030_D700	204.75	116.22	120.70		121.00	0.002331	2.42	84.70	33.56	0.49

HEC-RAS River: Greve Reach: GR 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
GR	254	Max WS	TR030_D450	202.73	116.01	120.76		120.94	0.001341	1.86	108.75	42.79	0.37
GR	254	Max WS	TR030_D350	201.81	116.01	120.72		120.90	0.001401	1.89	106.95	42.79	0.38
GR	254	Max WS	TR030_D400	202.80	116.01	120.75		120.93	0.001355	1.87	108.41	42.79	0.38
GR	254	Max WS	TR030_D500	202.06	116.01	120.75		120.93	0.001345	1.86	108.42	42.79	0.37
GR	254	Max WS	TR030_D550	200.79	116.01	120.73		120.91	0.001365	1.87	107.50	42.79	0.38
GR	254	Max WS	TR030_D600	199.11	116.01	120.70		120.88	0.001394	1.87	106.23	42.79	0.38
GR	254	Max WS	TR030_D650	197.37	116.01	120.67		120.85	0.001432	1.88	104.75	42.79	0.38
GR	254	Max WS	TR030_D700	195.56	116.01	120.63		120.81	0.001481	1.90	103.05	42.79	0.39
GR	253	Max WS	TR030_D450	193.94	115.65	120.70		120.88	0.001371	1.87	103.95	39.72	0.37
GR	253	Max WS	TR030_D350	193.88	115.65	120.65		120.84	0.001452	1.90	102.05	39.66	0.38
GR	253	Max WS	TR030_D400	194.18	115.65	120.69		120.87	0.001390	1.87	103.59	39.71	0.37
GR	253	Max WS	TR030_D500	193.44	115.65	120.69		120.87	0.001377	1.87	103.62	39.71	0.37
GR	253	Max WS	TR030_D550	192.59	115.65	120.67		120.85	0.001405	1.88	102.68	39.68	0.37
GR	253	Max WS	TR030_D600	191.47	115.65	120.64		120.82	0.001445	1.89	101.38	39.63	0.38
GR	253	Max WS	TR030_D650	190.38	115.65	120.60		120.78	0.001499	1.91	99.84	39.58	0.38
GR	253	Max WS	TR030_D700	189.34	115.65	120.55		120.74	0.001568	1.93	98.07	39.53	0.39
GR	252	Max WS	TR030_D450	201.43	115.69	120.56		120.84	0.001876	2.38	84.68	29.04	0.44
GR	252	Max WS	TR030_D350	200.96	115.69	120.51		120.80	0.001966	2.41	83.24	28.98	0.45
GR	252	Max WS	TR030_D400	201.66	115.69	120.55		120.84	0.001899	2.39	84.40	29.03	0.45
GR	252	Max WS	TR030_D500	200.70	115.69	120.55		120.84	0.001877	2.38	84.46	29.03	0.44
GR	252	Max WS	TR030_D550	199.43	115.69	120.52		120.81	0.001900	2.38	83.77	29.00	0.45
GR	252	Max WS	TR030_D600	197.66	115.69	120.49		120.78	0.001930	2.39	82.83	28.96	0.45
GR	252	Max WS	TR030_D650	196.13	115.69	120.45		120.75	0.001982	2.40	81.69	28.91	0.46
GR	252	Max WS	TR030_D700	194.55	115.69	120.41		120.71	0.002048	2.42	80.37	28.85	0.46
GR	251	Max WS	TR030_D450	215.35	115.07	120.41		120.80	0.002766	2.77	77.63	26.46	0.52
GR	251	Max WS	TR030_D350	214.00	115.07	120.36		120.76	0.002878	2.80	76.33	26.46	0.53
GR	251	Max WS	TR030_D400	215.26	115.07	120.40		120.80	0.002791	2.78	77.38	26.46	0.52
GR	251	Max WS	TR030_D500	214.89	115.07	120.40		120.80	0.002777	2.78	77.42	26.46	0.52
GR	251	Max WS	TR030_D550	213.91	115.07	120.38		120.77	0.002825	2.79	76.77	26.46	0.52
GR	251	Max WS	TR030_D600	212.71	115.07	120.35		120.75	0.002894	2.80	75.89	26.46	0.53
GR	251	Max WS	TR030_D650	211.08	115.07	120.31		120.71	0.002974	2.82	74.85	26.46	0.54
GR	251	Max WS	TR030_D700	209.12	115.07	120.26		120.67	0.003068	2.84	73.66	26.46	0.54
GR	250	Max WS	TR030_D450	224.24	114.86	119.84		120.52	0.007208	3.64	61.64	30.00	0.81
GR	250	Max WS	TR030_D350	222.15	114.86	119.80		120.49	0.006930	3.68	60.44	27.93	0.80
GR	250	Max WS	TR030_D400	223.98	114.86	119.84		120.51	0.007165	3.65	61.38	29.56	0.81
GR	250	Max WS	TR030_D500	223.61	114.86	119.84		120.51	0.007152	3.64	61.48	29.73	0.81
GR	250	Max WS	TR030_D550	222.27	114.86	119.82		120.50	0.007005	3.65	60.91	28.78	0.80
GR	250	Max WS	TR030_D600	220.55	114.86	119.79		120.48	0.006784	3.67	60.16	27.42	0.79
GR	250	Max WS	TR030_D650	218.44	114.86	119.76		120.45	0.006491	3.68	59.32	25.80	0.78
GR	250	Max WS	TR030_D700	215.77	114.86	119.73		120.42	0.006108	3.69	58.42	23.96	0.76
GR	249	Max WS	TR030_D450	224.27	114.82	119.51		120.12	0.004143	3.43	65.29	22.64	0.65
GR	249	Max WS	TR030_D350	222.16	114.82	119.48		120.08	0.004224	3.45	64.42	22.54	0.65
GR	249	Max WS	TR030_D400	223.97	114.82	119.51		120.11	0.004167	3.44	65.10	22.62	0.65
GR	249	Max WS	TR030_D500	223.67	114.82	119.51		120.11	0.004138	3.43	65.20	22.63	0.65
GR	249	Max WS	TR030_D550	222.31	114.82	119.49		120.09	0.004156	3.43	64.82	22.59	0.65
GR	249	Max WS	TR030_D600	220.56	114.82	119.47		120.07	0.004189	3.43	64.27	22.52	0.65
GR	249	Max WS	TR030_D650	218.48	114.82	119.44		120.04	0.004227	3.43	63.64	22.44	0.65
GR	249	Max WS	TR030_D700	215.85	114.82	119.41		120.01	0.004260	3.43	62.93	22.36	0.65
GR	248	Max WS	TR030_D450	224.04	114.54	119.30		119.73	0.002733	2.91	76.87	25.62	0.54
GR	248	Max WS	TR030_D350	221.91	114.54	119.25		119.69	0.002768	2.93	75.81	25.33	0.54
GR	248	Max WS	TR030_D400	223.72	114.54	119.29		119.72	0.002745	2.92	76.63	25.55	0.54
GR	248	Max WS	TR030_D500	223.49	114.54	119.29		119.72	0.002728	2.91	76.77	25.59	0.54
GR	248	Max WS	TR030_D550	222.14	114.54	119.28		119.71	0.002731	2.91	76.34	25.47	0.54
GR	248	Max WS	TR030_D600	220.36	114.54	119.25		119.68	0.002740	2.91	75.69	25.30	0.54
GR	248	Max WS	TR030_D650	218.40	114.54	119.22		119.65	0.002752	2.91	74.95	25.10	0.54
GR	248	Max WS	TR030_D700	215.76	114.54	119.19		119.62	0.002754	2.91	74.13	24.88	0.54
GR	247	Max WS	TR030_D450	223.61	114.64	119.17		119.44	0.001977	2.29	97.57	37.65	0.45
GR	247	Max WS	TR030_D350	221.51	114.64	119.13		119.40	0.002048	2.31	95.85	37.54	0.46
GR	247	Max WS	TR030_D400	223.32	114.64	119.16		119.43	0.001998	2.30	97.16	37.62	0.46
GR	247	Max WS	TR030_D500	223.12	114.64	119.17		119.44	0.001977	2.29	97.43	37.64	0.45
GR	247	Max WS	TR030_D550	221.86	114.64	119.15		119.42	0.001996	2.29	96.77	37.60	0.46
GR	247	Max WS	TR030_D600	220.13	114.64	119.13		119.39	0.002028	2.30	95.77	37.54	0.46
GR	247	Max WS	TR030_D650	218.14	114.64	119.09		119.37	0.002066	2.31	94.60	37.44	0.46
GR	247	Max WS	TR030_D700	215.62	114.64	119.06		119.33	0.002102	2.31	93.35	37.33	0.47
GR	246	Max WS	TR030_D450	232.44	113.82	119.06		119.33	0.002351	2.29	101.59	42.94	0.48
GR	246	Max WS	TR030_D350	227.44	113.82	119.02		119.28	0.002382	2.28	99.66	42.74	0.48
GR	246	Max WS	TR030_D400	231.26	113.82	119.05		119.32	0.002360	2.29	101.15	42.94	0.48
GR	246	Max WS	TR030_D500	232.01	113.82	119.06		119.33	0.002354	2.29	101.44	42.94	0.48
GR	246	Max WS	TR030_D550	229.97	113.82	119.04		119.31	0.002368	2.28	100.68	42.92	0.48
GR	246	Max WS	TR030_D600	227.01	113.82	119.01		119.28	0.002381	2.28	99.54	42.72	0.48
GR	246	Max WS	TR030_D650	223.51	113.82	118.98		119.25	0.002394	2.28	98.23	42.49	0.48
GR	246	Max WS	TR030_D700	219.72	113.82	118.95		119.21	0.002412	2.27	96.80	42.25	0.48
GR	245	Max WS	TR030_D450	232.54	113.23	118.86		119.27	0.003124	2.83	82.25	30.62	0.55
GR	245	Max WS	TR030_D350	227.45	113.23	118.81		119.22	0.003142	2.81	80.85	30.46	0.55
GR	245	Max WS	TR030_D400	231.33	113.23	118.85		119.25	0.003128	2.82	81.92	30.58	0.55
GR	245	Max WS	TR030_D500	232.10	113.23	118.86		119.26	0.003125	2.83	82.14	30.60	0.55
GR	245	Max WS	TR030_D550	230.04	113.23	118.84		119.24	0.003131	2.82	81.59	30.54	0.55
GR	245	Max WS	TR030_D600	227.04	113.23	118.81		119.21	0.003141	2.81	80.77	30.45	0.55
GR	245	Max WS	TR030_D650	223.51	113.23	118.78		119.18	0.003152	2.80	79.81	30.34	0.55
GR	245	Max WS	TR030_D700	219.72	113.23	118.74		119.14	0.003166	2.79	78.77	30.23	0.55
GR	244	Max WS	TR030_D450	232.53	113.46	118.71		119.28	0.003649	3.34	69.55	21.23	0.59
GR	244	Max WS	TR030_D350	227.44	113.46	118.66		119.22	0.003630	3.32	68.55	21.09	0.59
GR	244	Max WS	TR030_D400	231.32	113.46	118.69		119.26	0.003645	3.34	69.31	21.20	0.59
GR	244	Max WS	TR030_D500	232.09	113.46	118.70		119.27	0.003647	3.34	69.46	21.22	0.59
GR	244	Max WS	TR030_D550	230.04	113.46	118.68		119.25	0.003639	3.33	69.07	21.16	0.59
GR	244	Max WS	TR030_D600	227.03	113.46	118.66		119.22	0.003625	3.31	68.49	21.08	0.59
GR	244	Max WS	TR030_D650	223.51	113.46	118.62		119.18	0.003609	3.30	67.83	20.99	0.59

HEC-RAS River: Greve Reach: GR 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
GR	244	Max WS	TR030_D700	219.72	113.46	118.59		119.14	0.003592	3.27	67.10	20.88	0.58
GR	243	Max WS	TR030_D450	232.49	113.07	118.50		119.03	0.003459	3.22	72.15	22.82	0.58
GR	243	Max WS	TR030_D350	227.40	113.07	118.46		118.98	0.003440	3.20	71.14	22.68	0.58
GR	243	Max WS	TR030_D400	231.28	113.07	118.49		119.02	0.003454	3.22	71.91	22.79	0.58
GR	243	Max WS	TR030_D500	232.05	113.07	118.50		119.02	0.003457	3.22	72.06	22.81	0.58
GR	243	Max WS	TR030_D550	229.99	113.07	118.48		119.00	0.003447	3.21	71.67	22.75	0.58
GR	243	Max WS	TR030_D600	226.99	113.07	118.45		118.97	0.003435	3.19	71.08	22.67	0.58
GR	243	Max WS	TR030_D650	223.46	113.07	118.42		118.94	0.003419	3.17	70.39	22.57	0.57
GR	243	Max WS	TR030_D700	219.67	113.07	118.39		118.90	0.003403	3.15	69.64	22.47	0.57
GR	242	Max WS	TR030_D450	232.46	113.42	118.23		118.39	0.001657	1.80	129.29	65.26	0.41
GR	242	Max WS	TR030_D350	227.46	113.42	118.19		118.35	0.001695	1.80	126.65	65.19	0.41
GR	242	Max WS	TR030_D400	231.28	113.42	118.22		118.38	0.001666	1.80	128.66	65.24	0.41
GR	242	Max WS	TR030_D500	232.03	113.42	118.22		118.39	0.001659	1.80	129.09	65.25	0.41
GR	242	Max WS	TR030_D550	230.02	113.42	118.21		118.37	0.001673	1.80	128.06	65.22	0.41
GR	242	Max WS	TR030_D600	227.05	113.42	118.18		118.35	0.001693	1.79	126.55	65.18	0.41
GR	242	Max WS	TR030_D650	223.56	113.42	118.16		118.32	0.001718	1.79	124.76	65.11	0.41
GR	242	Max WS	TR030_D700	219.77	113.42	118.13		118.29	0.001746	1.79	122.80	65.01	0.42
GR	241	Max WS	TR030_D450	232.99	113.19	118.10	117.04	118.33	0.001911	2.15	108.40	45.42	0.44
GR	241	Max WS	TR030_D350	228.00	113.19	118.06	117.01	118.29	0.001931	2.14	106.54	45.33	0.45
GR	241	Max WS	TR030_D400	231.80	113.19	118.09	117.04	118.32	0.001915	2.15	107.95	45.40	0.44
GR	241	Max WS	TR030_D500	232.59	113.19	118.09	117.03	118.33	0.001912	2.15	108.24	45.42	0.44
GR	241	Max WS	TR030_D550	230.66	113.19	118.08	117.03	118.31	0.001920	2.15	107.53	45.38	0.45
GR	241	Max WS	TR030_D600	227.80	113.19	118.05	117.01	118.29	0.001932	2.14	106.46	45.32	0.45
GR	241	Max WS	TR030_D650	224.45	113.19	118.03	116.98	118.26	0.001947	2.13	105.20	45.26	0.45
GR	241	Max WS	TR030_D700	220.78	113.19	117.99	116.86	118.23	0.001964	2.13	103.81	45.18	0.45
GR	240.5		Inl Struct										
GR	240	Max WS	TR030_D450	233.00	111.06	117.00		117.73	0.005418	3.78	61.72	20.49	0.69
GR	240	Max WS	TR030_D350	228.00	111.06	116.97		117.68	0.005304	3.73	61.05	20.24	0.69
GR	240	Max WS	TR030_D400	231.80	111.06	117.00		117.72	0.005385	3.77	61.56	20.41	0.69
GR	240	Max WS	TR030_D500	232.59	111.06	117.00		117.73	0.005407	3.77	61.66	20.46	0.69
GR	240	Max WS	TR030_D550	230.66	111.06	116.99		117.71	0.005352	3.76	61.41	20.33	0.69
GR	240	Max WS	TR030_D600	227.80	111.06	116.97		117.68	0.005300	3.73	61.03	20.24	0.69
GR	240	Max WS	TR030_D650	224.45	111.06	116.95		117.65	0.005259	3.70	60.58	20.22	0.68
GR	240	Max WS	TR030_D700	220.78	111.06	116.92		117.61	0.005215	3.67	60.08	20.20	0.68
GR	239	Max WS	TR030_D450	232.07	112.57	116.68		117.15	0.004813	3.03	76.48	38.18	0.68
GR	239	Max WS	TR030_D350	227.38	112.57	116.65		117.12	0.004829	3.02	75.40	38.11	0.68
GR	239	Max WS	TR030_D400	230.96	112.57	116.68		117.14	0.004817	3.03	76.22	38.16	0.68
GR	239	Max WS	TR030_D500	231.71	112.57	116.68		117.15	0.004814	3.03	76.40	38.17	0.68
GR	239	Max WS	TR030_D550	229.88	112.57	116.67		117.14	0.004818	3.03	75.99	38.15	0.68
GR	239	Max WS	TR030_D600	227.18	112.57	116.65		117.12	0.004825	3.01	75.37	38.11	0.68
GR	239	Max WS	TR030_D650	224.00	112.57	116.63		117.09	0.004835	3.00	74.64	38.06	0.68
GR	239	Max WS	TR030_D700	220.48	112.57	116.61		117.07	0.004846	2.99	73.83	38.01	0.68
GR	238	Max WS	TR030_D450	231.71	112.71	116.42		116.94	0.003868	3.19	72.62	28.10	0.63
GR	238	Max WS	TR030_D350	227.13	112.71	116.39		116.90	0.003837	3.16	71.84	28.04	0.63
GR	238	Max WS	TR030_D400	230.63	112.71	116.42		116.93	0.003862	3.18	72.43	28.09	0.63
GR	238	Max WS	TR030_D500	231.36	112.71	116.42		116.94	0.003866	3.19	72.56	28.10	0.63
GR	238	Max WS	TR030_D550	229.60	112.71	116.41		116.92	0.003853	3.18	72.27	28.07	0.63
GR	238	Max WS	TR030_D600	226.93	112.71	116.39		116.90	0.003832	3.16	71.83	28.04	0.63
GR	238	Max WS	TR030_D650	223.82	112.71	116.38		116.88	0.003809	3.14	71.31	28.00	0.63
GR	238	Max WS	TR030_D700	220.33	112.71	116.35		116.85	0.003783	3.12	70.72	27.96	0.63
GR	237	Max WS	TR030_D450	230.49	112.12	116.20		116.63	0.004271	2.91	79.32	38.04	0.64
GR	237	Max WS	TR030_D350	226.04	112.12	116.18		116.60	0.004277	2.89	78.32	38.04	0.64
GR	237	Max WS	TR030_D400	229.42	112.12	116.19		116.62	0.004273	2.90	79.07	38.04	0.64
GR	237	Max WS	TR030_D500	230.23	112.12	116.20		116.63	0.004275	2.91	79.24	38.04	0.64
GR	237	Max WS	TR030_D550	228.58	112.12	116.19		116.62	0.004278	2.90	78.87	38.04	0.64
GR	237	Max WS	TR030_D600	225.99	112.12	116.18		116.60	0.004275	2.89	78.32	38.04	0.64
GR	237	Max WS	TR030_D650	223.04	112.12	116.16		116.58	0.004279	2.87	77.66	38.04	0.64
GR	237	Max WS	TR030_D700	219.69	112.12	116.14		116.55	0.004281	2.86	76.92	38.04	0.64
GR	236	Max WS	TR030_D450	228.86	111.10	115.96		116.53	0.005568	3.33	68.75	32.28	0.73
GR	236	Max WS	TR030_D350	224.48	111.10	115.94		116.49	0.005556	3.31	67.92	32.18	0.73
GR	236	Max WS	TR030_D400	227.81	111.10	115.96		116.52	0.005567	3.32	68.54	32.26	0.73
GR	236	Max WS	TR030_D500	228.49	111.10	115.96		116.53	0.005567	3.33	68.68	32.27	0.73
GR	236	Max WS	TR030_D550	226.85	111.10	115.95		116.51	0.005560	3.32	68.38	32.24	0.73
GR	236	Max WS	TR030_D600	224.46	111.10	115.94		116.49	0.005555	3.30	67.92	32.18	0.73
GR	236	Max WS	TR030_D650	221.56	111.10	115.92		116.47	0.005548	3.29	67.36	32.12	0.73
GR	236	Max WS	TR030_D700	218.38	111.10	115.90		116.45	0.005542	3.27	66.73	32.04	0.72
GR	235	Max WS	TR030_D450	228.59	110.91	115.69		116.21	0.005123	3.20	71.42	32.09	0.69
GR	235	Max WS	TR030_D350	224.32	110.91	115.66		116.18	0.004966	3.18	70.63	31.29	0.67
GR	235	Max WS	TR030_D400	227.56	110.91	115.68		116.20	0.005085	3.20	71.22	31.89	0.68
GR	235	Max WS	TR030_D500	228.27	110.91	115.69		116.21	0.005111	3.20	71.36	32.03	0.68
GR	235	Max WS	TR030_D550	226.67	110.91	115.68		116.20	0.005052	3.19	71.07	31.73	0.68
GR	235	Max WS	TR030_D600	224.28	110.91	115.66		116.18	0.004964	3.18	70.63	31.29	0.67
GR	235	Max WS	TR030_D650	221.44	110.91	115.65		116.16	0.004856	3.16	70.12	30.76	0.67
GR	235	Max WS	TR030_D700	218.27	110.91	115.63		116.13	0.004819	3.14	69.56	30.62	0.66
GR	234	Max WS	TR030_D450	231.08	111.44	115.38		115.81	0.005067	2.89	79.87	44.19	0.69
GR	234	Max WS	TR030_D350	226.61	111.44	115.36		115.78	0.005073	2.87	78.87	44.16	0.69
GR	234	Max WS	TR030_D400	230.00	111.44	115.38		115.80	0.005069	2.89	79.63	44.18	0.69
GR	234	Max WS	TR030_D500	230.75	111.44	115.38		115.81	0.005066	2.89	79.80	44.19	0.69
GR	234	Max WS	TR030_D550	229.07	111.44	115.37		115.80	0.005066	2.88	79.44	44.18	0.69
GR	234	Max WS	TR030_D600	226.57	111.44	115.36		115.78	0.005068	2.87	78.89	44.16	0.69
GR	234	Max WS	TR030_D650	223.62	111.44	115.35		115.76	0.005072	2.86	78.23	44.15	0.69
GR	234	Max WS	TR030_D700	220.31	111.44	115.33		115.74	0.005075	2.84	77.49	44.13	0.69
GR	233	Max WS	TR030_D450	228.30	111.21	115.15		115.57	0.004521	2.86	79.81	42.15	0.66
GR	233	Max WS	TR030_D350	224.28	111.21	115.13		115.54	0.004521	2.84	78.89	42.07	0.66
GR	233	Max WS	TR030_D400	227.33	111.21	115.15		115.56	0.004521	2.86	79.59	42.13	0.66
GR	233	Max WS	TR030_D500	228.01	111.21	115.15		115.57	0.004519	2.86	79.76	42.15	0.66

HEC-RAS River: Greve Reach: GR 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
GR	233	Max WS	TR030_D550	226.50	111.21	115.14		115.56	0.004518	2.85	79.42	42.12	0.66
GR	233	Max WS	TR030_D600	224.24	111.21	115.13		115.54	0.004520	2.84	78.89	42.07	0.66
GR	233	Max WS	TR030_D650	221.56	111.21	115.12		115.53	0.004519	2.83	78.27	42.01	0.66
GR	233	Max WS	TR030_D700	218.54	111.21	115.10		115.50	0.004519	2.82	77.57	41.95	0.66
GR	232	Max WS	TR030_D450	228.37	110.58	114.88		115.17	0.003594	2.41	94.91	54.31	0.58
GR	232	Max WS	TR030_D350	224.33	110.58	114.85		115.15	0.003610	2.39	93.70	54.22	0.58
GR	232	Max WS	TR030_D400	227.40	110.58	114.87		115.17	0.003599	2.40	94.61	54.29	0.58
GR	232	Max WS	TR030_D500	228.09	110.58	114.87		115.17	0.003595	2.41	94.82	54.31	0.58
GR	232	Max WS	TR030_D550	226.57	110.58	114.87		115.16	0.003598	2.40	94.39	54.27	0.58
GR	232	Max WS	TR030_D600	224.30	110.58	114.85		115.15	0.003605	2.39	93.73	54.22	0.58
GR	232	Max WS	TR030_D650	221.61	110.58	114.84		115.13	0.003613	2.38	92.94	54.15	0.58
GR	232	Max WS	TR030_D700	218.58	110.58	114.82		115.11	0.003625	2.38	92.03	54.08	0.58
GR	231	Max WS	TR030_D450	228.37	110.37	114.67		115.03	0.004154	2.68	85.35	47.35	0.64
GR	231	Max WS	TR030_D350	224.32	110.37	114.65		115.01	0.004149	2.66	84.30	47.11	0.64
GR	231	Max WS	TR030_D400	227.40	110.37	114.66		115.03	0.004154	2.67	85.09	47.29	0.64
GR	231	Max WS	TR030_D500	228.08	110.37	114.67		115.03	0.004152	2.67	85.29	47.34	0.64
GR	231	Max WS	TR030_D550	226.56	110.37	114.66		115.02	0.004149	2.67	84.90	47.25	0.64
GR	231	Max WS	TR030_D600	224.30	110.37	114.65		115.01	0.004144	2.66	84.33	47.12	0.63
GR	231	Max WS	TR030_D650	221.60	110.37	114.63		114.99	0.004139	2.65	83.64	46.96	0.63
GR	231	Max WS	TR030_D700	218.58	110.37	114.62		114.97	0.004136	2.64	82.84	46.78	0.63
GR	230	Max WS	TR030_D450	228.94	110.23	114.47		114.82	0.004160	2.62	87.50	50.10	0.63
GR	230	Max WS	TR030_D350	224.86	110.23	114.45		114.79	0.004187	2.60	86.36	50.07	0.63
GR	230	Max WS	TR030_D400	227.94	110.23	114.47		114.81	0.004166	2.61	87.23	50.10	0.63
GR	230	Max WS	TR030_D500	228.68	110.23	114.47		114.82	0.004160	2.62	87.44	50.10	0.63
GR	230	Max WS	TR030_D550	227.19	110.23	114.46		114.81	0.004169	2.61	87.03	50.09	0.63
GR	230	Max WS	TR030_D600	224.97	110.23	114.45		114.79	0.004181	2.60	86.42	50.07	0.63
GR	230	Max WS	TR030_D650	222.39	110.23	114.43		114.78	0.004201	2.60	85.67	50.05	0.63
GR	230	Max WS	TR030_D700	219.49	110.23	114.42		114.76	0.004226	2.59	84.82	50.02	0.63
GR	229	Max WS	TR030_D450	227.48	109.93	114.29		114.62	0.002562	2.57	88.45	35.16	0.52
GR	229	Max WS	TR030_D350	223.69	109.93	114.26		114.60	0.002551	2.55	87.60	35.12	0.52
GR	229	Max WS	TR030_D400	226.55	109.93	114.28		114.62	0.002560	2.57	88.23	35.15	0.52
GR	229	Max WS	TR030_D500	227.24	109.93	114.29		114.62	0.002561	2.57	88.40	35.16	0.52
GR	229	Max WS	TR030_D550	225.86	109.93	114.28		114.61	0.002556	2.56	88.10	35.15	0.52
GR	229	Max WS	TR030_D600	223.81	109.93	114.26		114.60	0.002550	2.55	87.65	35.12	0.52
GR	229	Max WS	TR030_D650	221.39	109.93	114.25		114.58	0.002543	2.54	87.11	35.10	0.52
GR	229	Max WS	TR030_D700	218.68	109.93	114.23		114.56	0.002534	2.53	86.51	35.07	0.51
GR	228	Max WS	TR030_D450	219.92	110.37	114.14		114.53	0.003436	2.74	80.14	35.30	0.58
GR	228	Max WS	TR030_D350	216.62	110.37	114.12		114.50	0.003446	2.73	79.28	35.25	0.58
GR	228	Max WS	TR030_D400	219.13	110.37	114.14		114.52	0.003440	2.74	79.92	35.28	0.58
GR	228	Max WS	TR030_D500	219.71	110.37	114.14		114.53	0.003437	2.74	80.09	35.29	0.58
GR	228	Max WS	TR030_D550	218.51	110.37	114.13		114.52	0.003439	2.74	79.79	35.28	0.58
GR	228	Max WS	TR030_D600	216.71	110.37	114.12		114.50	0.003442	2.73	79.33	35.25	0.58
GR	228	Max WS	TR030_D650	214.59	110.37	114.11		114.48	0.003447	2.72	78.80	35.22	0.58
GR	228	Max WS	TR030_D700	212.20	110.37	114.09		114.46	0.003452	2.71	78.19	35.19	0.58
GR	227	Max WS	TR030_D450	203.14	109.94	113.95		114.31	0.003653	2.64	76.98	38.24	0.59
GR	227	Max WS	TR030_D350	200.58	109.94	113.93		114.28	0.003712	2.64	75.98	38.24	0.60
GR	227	Max WS	TR030_D400	202.52	109.94	113.95		114.30	0.003668	2.64	76.73	38.24	0.59
GR	227	Max WS	TR030_D500	202.97	109.94	113.95		114.31	0.003654	2.64	76.93	38.24	0.59
GR	227	Max WS	TR030_D550	202.04	109.94	113.94		114.30	0.003674	2.64	76.58	38.24	0.60
GR	227	Max WS	TR030_D600	200.66	109.94	113.93		114.28	0.003704	2.64	76.05	38.24	0.60
GR	227	Max WS	TR030_D650	199.01	109.94	113.91		114.27	0.003740	2.64	75.44	38.24	0.60
GR	227	Max WS	TR030_D700	197.15	109.94	113.89		114.25	0.003780	2.64	74.75	38.24	0.60
GR	226	Max WS	TR030_D450	195.43	109.46	113.79		114.21	0.002698	2.86	68.35	22.72	0.53
GR	226	Max WS	TR030_D350	193.34	109.46	113.76		114.18	0.002709	2.85	67.74	22.66	0.53
GR	226	Max WS	TR030_D400	194.89	109.46	113.78		114.20	0.002700	2.86	68.20	22.70	0.53
GR	226	Max WS	TR030_D500	195.27	109.46	113.79		114.20	0.002698	2.86	68.32	22.71	0.53
GR	226	Max WS	TR030_D550	194.52	109.46	113.78		114.19	0.002701	2.86	68.10	22.69	0.53
GR	226	Max WS	TR030_D600	193.39	109.46	113.76		114.18	0.002706	2.85	67.78	22.66	0.53
GR	226	Max WS	TR030_D650	192.05	109.46	113.75		114.16	0.002711	2.85	67.40	22.63	0.53
GR	226	Max WS	TR030_D700	190.50	109.46	113.73		114.14	0.002715	2.84	66.97	22.59	0.53
GR	225	Max WS	TR030_D450	187.78	108.92	113.65		113.84	0.001482	1.92	97.85	39.17	0.39
GR	225	Max WS	TR030_D350	186.25	108.92	113.63		113.81	0.001509	1.93	96.72	39.08	0.39
GR	225	Max WS	TR030_D400	187.37	108.92	113.65		113.84	0.001488	1.92	97.57	39.15	0.39
GR	225	Max WS	TR030_D500	187.65	108.92	113.65		113.84	0.001482	1.92	97.79	39.17	0.39
GR	225	Max WS	TR030_D550	187.11	108.92	113.64		113.83	0.001491	1.92	97.41	39.14	0.39
GR	225	Max WS	TR030_D600	186.30	108.92	113.63		113.82	0.001506	1.92	96.81	39.09	0.39
GR	225	Max WS	TR030_D650	185.25	108.92	113.61		113.80	0.001521	1.93	96.12	39.03	0.39
GR	225	Max WS	TR030_D700	184.06	108.92	113.59		113.78	0.001538	1.93	95.35	38.97	0.39
GR	224	Max WS	TR030_D450	191.68	109.02	113.37		113.83	0.002939	3.01	63.62	20.29	0.54
GR	224	Max WS	TR030_D350	190.21	109.02	113.34		113.80	0.002972	3.02	63.03	20.25	0.55
GR	224	Max WS	TR030_D400	191.30	109.02	113.36		113.82	0.002946	3.01	63.47	20.28	0.54
GR	224	Max WS	TR030_D500	191.59	109.02	113.37		113.83	0.002940	3.01	63.59	20.28	0.54
GR	224	Max WS	TR030_D550	191.03	109.02	113.36		113.82	0.002949	3.01	63.39	20.27	0.54
GR	224	Max WS	TR030_D600	190.24	109.02	113.34		113.80	0.002966	3.02	63.08	20.25	0.55
GR	224	Max WS	TR030_D650	189.25	109.02	113.32		113.79	0.002985	3.02	62.71	20.23	0.55
GR	224	Max WS	TR030_D700	188.10	109.02	113.30		113.77	0.003004	3.02	62.30	20.20	0.55
GR	223	Max WS	TR030_D450	192.84	108.63	113.22		113.49	0.001869	2.32	83.25	28.59	0.43
GR	223	Max WS	TR030_D350	191.04	108.63	113.18		113.46	0.001897	2.32	82.32	28.54	0.44
GR	223	Max WS	TR030_D400	192.42	108.63	113.21		113.48	0.001876	2.32	83.01	28.58	0.43
GR	223	Max WS	TR030_D500	192.73	108.63	113.21		113.49	0.001870	2.32	83.20	28.59	0.43
GR	223	Max WS	TR030_D550	192.15	108.63	113.20		113.48	0.001880	2.32	82.88	28.57	0.43
GR	223	Max WS	TR030_D600	191.15	108.63	113.19		113.46	0.001894	2.32	82.40	28.55	0.44
GR	223	Max WS	TR030_D650	189.90	108.63	113.17		113.44	0.001907	2.32	81.84	28.52	0.44
GR	223	Max WS	TR030_D700	188.47	108.63	113.14		113.42	0.001923	2.32	81.21	28.49	0.44
GR	222	Max WS	TR030_D450	197.45	108.58	113.15		113.31	0.001115	1.78	111.14	40.95	0.34
GR	222	Max WS	TR030_D350	195.33	108.58	113.12		113.28	0.001135	1.78	109.76	40.90	0.35
GR	222	Max WS	TR030_D400	196.95	108.58	113.14		113.31	0.001121	1.78	110.79	40.93	0.35

HEC-RAS River: Greve Reach: GR 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
GR	222	Max WS	TR030_D500	197.35	108.58	113.15		113.31	0.001116	1.78	111.08	40.94	0.34
GR	222	Max WS	TR030_D550	196.62	108.58	113.14		113.30	0.001123	1.78	110.60	40.93	0.35
GR	222	Max WS	TR030_D600	195.47	108.58	113.12		113.28	0.001133	1.78	109.88	40.90	0.35
GR	222	Max WS	TR030_D650	194.02	108.58	113.10		113.26	0.001143	1.78	109.04	40.88	0.35
GR	222	Max WS	TR030_D700	192.38	108.58	113.08		113.24	0.001154	1.78	108.11	40.85	0.35
GR	221	Max WS	TR030_D450	198.99	108.45	113.03		113.27	0.001557	2.18	91.17	30.07	0.40
GR	221	Max WS	TR030_D350	196.49	108.45	113.00		113.24	0.001570	2.18	90.16	30.02	0.40
GR	221	Max WS	TR030_D400	198.39	108.45	113.02		113.27	0.001561	2.18	90.91	30.06	0.40
GR	221	Max WS	TR030_D500	198.85	108.45	113.03		113.27	0.001558	2.18	91.11	30.06	0.40
GR	221	Max WS	TR030_D550	197.99	108.45	113.02		113.26	0.001562	2.18	90.77	30.05	0.40
GR	221	Max WS	TR030_D600	196.66	108.45	113.00		113.24	0.001568	2.18	90.25	30.03	0.40
GR	221	Max WS	TR030_D650	195.01	108.45	112.98		113.22	0.001573	2.18	89.66	30.00	0.40
GR	221	Max WS	TR030_D700	193.12	108.45	112.96		113.20	0.001578	2.17	88.99	29.97	0.40
GR	220	Max WS	TR030_D450	218.51	108.57	112.92		113.13	0.001791	2.02	108.00	47.12	0.43
GR	220	Max WS	TR030_D350	215.10	108.57	112.88		113.09	0.001821	2.02	106.39	47.12	0.43
GR	220	Max WS	TR030_D400	217.66	108.57	112.91		113.12	0.001798	2.02	107.60	47.12	0.43
GR	220	Max WS	TR030_D500	218.34	108.57	112.92		113.12	0.001792	2.02	107.93	47.12	0.43
GR	220	Max WS	TR030_D550	217.17	108.57	112.90		113.11	0.001802	2.02	107.39	47.12	0.43
GR	220	Max WS	TR030_D600	215.35	108.57	112.89		113.10	0.001817	2.02	106.55	47.12	0.43
GR	220	Max WS	TR030_D650	213.19	108.57	112.87		113.07	0.001832	2.02	105.60	47.12	0.43
GR	220	Max WS	TR030_D700	210.74	108.57	112.84		113.05	0.001849	2.02	104.56	47.12	0.43
GR	219	Max WS	TR030_D450	228.65	108.50	112.75		113.28	0.005017	3.23	70.83	32.72	0.70
GR	219	Max WS	TR030_D350	224.54	108.50	112.72		113.25	0.004983	3.22	69.80	32.23	0.70
GR	219	Max WS	TR030_D400	227.62	108.50	112.74		113.27	0.005008	3.23	70.57	32.60	0.70
GR	219	Max WS	TR030_D500	228.44	108.50	112.75		113.28	0.005013	3.23	70.79	32.71	0.70
GR	219	Max WS	TR030_D550	227.02	108.50	112.74		113.27	0.005002	3.22	70.43	32.53	0.70
GR	219	Max WS	TR030_D600	224.84	108.50	112.72		113.25	0.004982	3.22	69.90	32.28	0.70
GR	219	Max WS	TR030_D650	222.26	108.50	112.70		113.23	0.004956	3.21	69.28	31.98	0.70
GR	219	Max WS	TR030_D700	219.35	108.50	112.68		113.20	0.004924	3.20	68.59	31.64	0.69
GR	218	Max WS	TR030_D450	224.41	108.24	112.52		112.90	0.002766	2.73	82.28	31.13	0.54
GR	218	Max WS	TR030_D350	220.67	108.24	112.49		112.86	0.002730	2.71	81.40	30.77	0.53
GR	218	Max WS	TR030_D400	223.46	108.24	112.51		112.89	0.002757	2.72	82.06	31.04	0.53
GR	218	Max WS	TR030_D500	224.21	108.24	112.51		112.89	0.002764	2.73	82.24	31.11	0.54
GR	218	Max WS	TR030_D550	222.92	108.24	112.51		112.88	0.002751	2.72	81.94	30.99	0.53
GR	218	Max WS	TR030_D600	220.95	108.24	112.49		112.87	0.002731	2.71	81.49	30.81	0.53
GR	218	Max WS	TR030_D650	218.58	108.24	112.47		112.84	0.002707	2.70	80.95	30.58	0.53
GR	218	Max WS	TR030_D700	215.90	108.24	112.45		112.82	0.002678	2.69	80.34	30.33	0.53
GR	217	Max WS	TR030_D450	206.33	108.24	112.39		112.74	0.002553	2.63	78.49	29.55	0.52
GR	217	Max WS	TR030_D350	203.36	108.24	112.36		112.71	0.002550	2.62	77.70	29.44	0.51
GR	217	Max WS	TR030_D400	205.57	108.24	112.38		112.74	0.002551	2.63	78.29	29.52	0.51
GR	217	Max WS	TR030_D500	206.18	108.24	112.39		112.74	0.002551	2.63	78.45	29.54	0.51
GR	217	Max WS	TR030_D550	205.15	108.24	112.38		112.73	0.002550	2.62	78.19	29.50	0.51
GR	217	Max WS	TR030_D600	203.58	108.24	112.37		112.72	0.002547	2.62	77.79	29.45	0.51
GR	217	Max WS	TR030_D650	201.69	108.24	112.35		112.70	0.002544	2.61	77.30	29.38	0.51
GR	217	Max WS	TR030_D700	199.56	108.24	112.33		112.68	0.002541	2.60	76.75	29.31	0.51
GR	216	Max WS	TR030_D450	188.15	108.27	112.28		112.57	0.002196	2.38	79.17	30.49	0.47
GR	216	Max WS	TR030_D350	185.76	108.27	112.26		112.54	0.002207	2.37	78.36	30.41	0.47
GR	216	Max WS	TR030_D400	187.54	108.27	112.28		112.56	0.002199	2.38	78.96	30.47	0.47
GR	216	Max WS	TR030_D500	188.03	108.27	112.28		112.57	0.002197	2.38	79.14	30.49	0.47
GR	216	Max WS	TR030_D550	187.20	108.27	112.27		112.56	0.002199	2.37	78.87	30.46	0.47
GR	216	Max WS	TR030_D600	185.95	108.27	112.26		112.55	0.002204	2.37	78.45	30.42	0.47
GR	216	Max WS	TR030_D650	184.43	108.27	112.24		112.53	0.002209	2.37	77.95	30.38	0.47
GR	216	Max WS	TR030_D700	182.72	108.27	112.22		112.51	0.002214	2.36	77.39	30.32	0.47
GR	215	Max WS	TR030_D450	168.09	108.14	112.22		112.40	0.001402	1.87	89.97	36.27	0.38
GR	215	Max WS	TR030_D350	165.99	108.14	112.20		112.37	0.001414	1.87	88.98	36.21	0.38
GR	215	Max WS	TR030_D400	167.56	108.14	112.22		112.40	0.001405	1.87	89.72	36.26	0.38
GR	215	Max WS	TR030_D500	167.99	108.14	112.22		112.40	0.001402	1.87	89.94	36.27	0.38
GR	215	Max WS	TR030_D550	167.26	108.14	112.21		112.39	0.001405	1.87	89.61	36.25	0.38
GR	215	Max WS	TR030_D600	166.17	108.14	112.20		112.38	0.001411	1.87	89.09	36.21	0.38
GR	215	Max WS	TR030_D650	164.85	108.14	112.18		112.36	0.001418	1.86	88.48	36.17	0.38
GR	215	Max WS	TR030_D700	163.36	108.14	112.16		112.34	0.001426	1.86	87.79	36.13	0.38
GR	214	Max WS	TR030_D450	156.52	109.19	112.17	110.98	112.35	0.001838	1.89	82.65	40.03	0.42
GR	214	Max WS	TR030_D350	154.46	109.19	112.14	110.97	112.33	0.001873	1.90	81.49	40.03	0.42
GR	214	Max WS	TR030_D400	156.00	109.19	112.16	110.98	112.35	0.001847	1.89	82.36	40.03	0.42
GR	214	Max WS	TR030_D500	156.42	109.19	112.17	110.98	112.35	0.001840	1.89	82.60	40.03	0.42
GR	214	Max WS	TR030_D550	155.71	109.19	112.16	110.97	112.34	0.001850	1.89	82.22	40.03	0.42
GR	214	Max WS	TR030_D600	154.63	109.19	112.15	110.97	112.33	0.001867	1.89	81.64	40.03	0.42
GR	214	Max WS	TR030_D650	153.33	109.19	112.13	110.96	112.31	0.001888	1.89	80.92	40.03	0.43
GR	214	Max WS	TR030_D700	151.88	109.19	112.11	110.95	112.29	0.001913	1.90	80.11	40.03	0.43
GR	213.5			Inl Struct									
GR	213	Max WS	TR030_D450	156.52	107.50	111.90		112.02	0.000710	1.52	103.02	33.24	0.28
GR	213	Max WS	TR030_D350	154.46	107.50	111.86		111.97	0.000726	1.52	101.39	33.24	0.28
GR	213	Max WS	TR030_D400	155.99	107.50	111.89		112.01	0.000714	1.52	102.61	33.24	0.28
GR	213	Max WS	TR030_D500	156.42	107.50	111.90		112.02	0.000710	1.52	102.97	33.24	0.28
GR	213	Max WS	TR030_D550	155.71	107.50	111.89		112.01	0.000714	1.52	102.46	33.24	0.28
GR	213	Max WS	TR030_D600	154.63	107.50	111.86		111.98	0.000722	1.52	101.66	33.24	0.28
GR	213	Max WS	TR030_D650	153.32	107.50	111.83		111.95	0.000731	1.52	100.69	33.24	0.28
GR	213	Max WS	TR030_D700	151.86	107.50	111.80		111.92	0.000743	1.53	99.56	33.24	0.28
GR	212	Max WS	TR030_D450	161.82	106.51	111.91		112.00	0.000651	1.37	118.10	41.09	0.26
GR	212	Max WS	TR030_D350	159.64	106.51	111.86		111.95	0.000669	1.38	116.07	41.09	0.26
GR	212	Max WS	TR030_D400	161.26	106.51	111.89		111.99	0.000656	1.37	117.57	41.09	0.26
GR	212	Max WS	TR030_D500	161.71	106.51	111.90		112.00	0.000651	1.37	118.02	41.09	0.26
GR	212	Max WS	TR030_D550	160.97	106.51	111.89		111.99	0.000656	1.37	117.40	41.09	0.26
GR	212	Max WS	TR030_D600	159.82	106.51	111.87		111.96	0.000665	1.37	116.41	41.09	0.26
GR	212	Max WS	TR030_D650	158.43	106.51	111.84		111.93	0.000675	1.38	115.20	41.09	0.26
GR	212	Max WS	TR030_D700	156.88	106.51	111.80		111.90	0.000688	1.38	113.80	41.09	0.26

HEC-RAS River: Greve Reach: GR 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
GR	211	Max WS	TR030_D450	195.16	105.59	111.82		111.95	0.000878	1.62	120.46	39.99	0.30
GR	211	Max WS	TR030_D350	192.29	105.59	111.77		111.90	0.000898	1.62	118.48	39.99	0.30
GR	211	Max WS	TR030_D400	194.43	105.59	111.80		111.94	0.000883	1.62	119.94	39.99	0.30
GR	211	Max WS	TR030_D500	195.02	105.59	111.81		111.95	0.000879	1.62	120.38	39.99	0.30
GR	211	Max WS	TR030_D550	194.04	105.59	111.80		111.93	0.000884	1.62	119.77	39.99	0.30
GR	211	Max WS	TR030_D600	192.54	105.59	111.77		111.91	0.000892	1.62	118.82	39.99	0.30
GR	211	Max WS	TR030_D650	190.67	105.59	111.75		111.88	0.000903	1.62	117.65	39.99	0.30
GR	211	Max WS	TR030_D700	188.59	105.59	111.71		111.85	0.000916	1.62	116.30	39.99	0.30
GR	210.2	Max WS	TR030_D450	224.85	105.69	111.70		111.89	0.001122	1.93	116.21	36.32	0.35
GR	210.2	Max WS	TR030_D350	221.56	105.69	111.65		111.84	0.001144	1.94	114.41	36.32	0.35
GR	210.2	Max WS	TR030_D400	224.02	105.69	111.69		111.88	0.001128	1.94	115.74	36.32	0.35
GR	210.2	Max WS	TR030_D500	224.69	105.69	111.70		111.89	0.001122	1.93	116.15	36.32	0.35
GR	210.2	Max WS	TR030_D550	223.57	105.69	111.68		111.87	0.001127	1.93	115.60	36.32	0.35
GR	210.2	Max WS	TR030_D600	221.82	105.69	111.66		111.85	0.001137	1.93	114.73	36.32	0.35
GR	210.2	Max WS	TR030_D650	219.67	105.69	111.63		111.82	0.001147	1.93	113.67	36.32	0.35
GR	210.2	Max WS	TR030_D700	217.22	105.69	111.60		111.79	0.001161	1.93	112.43	36.32	0.35
GR	210	Max WS	TR030_D450	225.05	105.69	111.64	109.07	111.91	0.002074	2.33	96.58	36.32	0.46
GR	210	Max WS	TR030_D350	221.82	105.69	111.59	109.05	111.86	0.002139	2.34	94.76	36.32	0.46
GR	210	Max WS	TR030_D400	224.24	105.69	111.62	109.06	111.90	0.002090	2.33	96.11	36.32	0.46
GR	210	Max WS	TR030_D500	224.88	105.69	111.63	109.07	111.91	0.002074	2.33	96.52	36.32	0.46
GR	210	Max WS	TR030_D550	223.80	105.69	111.62	109.06	111.90	0.002093	2.33	95.96	36.32	0.46
GR	210	Max WS	TR030_D600	222.08	105.69	111.59	109.05	111.87	0.002121	2.34	95.09	36.32	0.46
GR	210	Max WS	TR030_D650	219.92	105.69	111.57	109.03	111.84	0.002155	2.34	94.03	36.32	0.46
GR	210	Max WS	TR030_D700	217.49	105.69	111.53	109.01	111.81	0.002197	2.34	92.80	36.32	0.47
GR	209		Bridge										
GR	208	Max WS	TR030_D450	225.04	106.06	110.72		111.22	0.002362	3.14	71.68	24.06	0.50
GR	208	Max WS	TR030_D350	221.81	106.06	110.69		111.18	0.002349	3.12	71.17	23.95	0.50
GR	208	Max WS	TR030_D400	224.23	106.06	110.71		111.21	0.002360	3.13	71.54	24.03	0.50
GR	208	Max WS	TR030_D500	224.86	106.06	110.72		111.22	0.002359	3.14	71.67	24.06	0.50
GR	208	Max WS	TR030_D550	223.73	106.06	110.71		111.21	0.002350	3.13	71.54	24.03	0.50
GR	208	Max WS	TR030_D600	221.72	106.06	110.70		111.19	0.002330	3.11	71.33	23.98	0.50
GR	208	Max WS	TR030_D650	219.47	106.06	110.68		111.17	0.002309	3.09	71.09	23.93	0.49
GR	208	Max WS	TR030_D700	217.17	106.06	110.67		111.15	0.002293	3.07	70.79	23.86	0.49
GR	207.9		Lat Struct										
GR	207.85		Lat Struct										
GR	207.8	Max WS	TR030_D450	225.22	106.06	110.71		111.14	0.002674	2.92	77.14	24.03	0.52
GR	207.8	Max WS	TR030_D350	221.98	106.06	110.68		111.11	0.002658	2.90	76.47	23.92	0.52
GR	207.8	Max WS	TR030_D400	224.41	106.06	110.70		111.13	0.002672	2.92	76.95	24.00	0.52
GR	207.8	Max WS	TR030_D500	225.05	106.06	110.71		111.14	0.002671	2.92	77.13	24.03	0.52
GR	207.8	Max WS	TR030_D550	223.89	106.06	110.70		111.13	0.002659	2.91	76.95	24.00	0.52
GR	207.8	Max WS	TR030_D600	221.85	106.06	110.69		111.12	0.002634	2.89	76.70	23.96	0.52
GR	207.8	Max WS	TR030_D650	219.61	106.06	110.68		111.10	0.002609	2.87	76.39	23.91	0.51
GR	207.8	Max WS	TR030_D700	217.28	106.06	110.66		111.08	0.002589	2.86	76.00	23.84	0.51
GR	207	Max WS	TR030_D450	226.47	105.30	110.48		110.95	0.003545	3.04	74.59	27.92	0.59
GR	207	Max WS	TR030_D350	223.02	105.30	110.46		110.92	0.003504	3.02	73.88	27.62	0.59
GR	207	Max WS	TR030_D400	225.62	105.30	110.48		110.95	0.003537	3.03	74.40	27.84	0.59
GR	207	Max WS	TR030_D500	226.24	105.30	110.48		110.95	0.003538	3.03	74.59	27.92	0.59
GR	207	Max WS	TR030_D550	224.89	105.30	110.48		110.94	0.003513	3.02	74.42	27.84	0.59
GR	207	Max WS	TR030_D600	222.36	105.30	110.47		110.93	0.003454	3.00	74.20	27.75	0.59
GR	207	Max WS	TR030_D650	220.21	105.30	110.46		110.91	0.003415	2.98	73.89	27.62	0.58
GR	207	Max WS	TR030_D700	217.90	105.30	110.44		110.89	0.003379	2.97	73.49	27.45	0.58
GR	206	Max WS	TR030_D450	226.64	105.18	110.26		110.64	0.003145	2.71	83.73	33.96	0.55
GR	206	Max WS	TR030_D350	222.96	105.18	110.24		110.61	0.003137	2.69	82.93	33.96	0.55
GR	206	Max WS	TR030_D400	225.73	105.18	110.26		110.63	0.003147	2.70	83.50	33.96	0.55
GR	206	Max WS	TR030_D500	226.30	105.18	110.26		110.64	0.003133	2.70	83.75	33.96	0.55
GR	206	Max WS	TR030_D550	222.13	105.18	110.26		110.62	0.003025	2.65	83.70	33.96	0.54
GR	206	Max WS	TR030_D600	220.99	105.18	110.26		110.61	0.003010	2.64	83.55	33.96	0.54
GR	206	Max WS	TR030_D650	219.10	105.18	110.25		110.60	0.002991	2.63	83.27	33.96	0.54
GR	206	Max WS	TR030_D700	216.76	105.18	110.24		110.59	0.002975	2.62	82.85	33.96	0.53
GR	205	Max WS	TR030_D450	225.87	105.15	110.12		110.50	0.003262	2.72	82.96	34.07	0.56
GR	205	Max WS	TR030_D350	222.13	105.15	110.10		110.47	0.003251	2.70	82.18	34.07	0.56
GR	205	Max WS	TR030_D400	224.83	105.15	110.11		110.49	0.003259	2.72	82.74	34.07	0.56
GR	205	Max WS	TR030_D500	225.89	105.15	110.12		110.50	0.003260	2.72	82.98	34.07	0.56
GR	205	Max WS	TR030_D550	224.67	105.15	110.12		110.49	0.003235	2.71	82.89	34.07	0.55
GR	205	Max WS	TR030_D600	223.81	105.15	110.11		110.49	0.003229	2.70	82.75	34.07	0.55
GR	205	Max WS	TR030_D650	222.34	105.15	110.11		110.48	0.003221	2.70	82.47	34.07	0.55
GR	205	Max WS	TR030_D700	220.33	105.15	110.09		110.46	0.003214	2.69	82.05	34.07	0.55
GR	204	Max WS	TR030_D450	219.64	105.25	109.95		110.34	0.003154	2.75	79.89	32.24	0.56
GR	204	Max WS	TR030_D350	216.26	105.25	109.93		110.31	0.003143	2.73	79.16	32.20	0.56
GR	204	Max WS	TR030_D400	218.71	105.25	109.95		110.33	0.003153	2.74	79.68	32.24	0.56
GR	204	Max WS	TR030_D500	219.64	105.25	109.95		110.34	0.003151	2.75	79.91	32.24	0.56
GR	204	Max WS	TR030_D550	218.38	105.25	109.95		110.33	0.003118	2.73	79.89	32.24	0.55
GR	204	Max WS	TR030_D600	217.61	105.25	109.95		110.33	0.003111	2.73	79.76	32.24	0.55
GR	204	Max WS	TR030_D650	216.29	105.25	109.94		110.32	0.003105	2.72	79.50	32.24	0.55
GR	204	Max WS	TR030_D700	214.44	105.25	109.93		110.30	0.003095	2.71	79.12	32.19	0.55
GR	203	Max WS	TR030_D450	208.27	104.86	109.77		110.18	0.004201	2.82	73.93	35.25	0.62
GR	203	Max WS	TR030_D350	205.39	104.86	109.75		110.15	0.004233	2.81	73.12	35.25	0.62
GR	203	Max WS	TR030_D400	207.48	104.86	109.76		110.17	0.004214	2.82	73.68	35.25	0.62
GR	203	Max WS	TR030_D500	208.17	104.86	109.77		110.18	0.004191	2.81	73.96	35.25	0.62
GR	203	Max WS	TR030_D550	206.79	104.86	109.77		110.17	0.004122	2.79	74.04	35.25	0.62
GR	203	Max WS	TR030_D600	206.17	104.86	109.77		110.17	0.004120	2.79	73.91	35.25	0.62
GR	203	Max WS	TR030_D650	205.12	104.86	109.76		110.16	0.004130	2.79	73.62	35.25	0.62
GR	203	Max WS	TR030_D700	203.51	104.86	109.75		110.14	0.004142	2.78	73.19	35.25	0.62
GR	202	Max WS	TR030_D450	192.07	104.94	109.53		110.02	0.003714	3.09	62.19	22.32	0.59
GR	202	Max WS	TR030_D350	189.87	104.94	109.51		109.99	0.003719	3.08	61.66	22.26	0.59

HEC-RAS River: Greve Reach: GR 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
GR	202	Max WS	TR030_D400	191.49	104.94	109.53		110.01	0.003718	3.09	62.04	22.30	0.59
GR	202	Max WS	TR030_D500	190.13	104.94	109.54		110.01	0.003618	3.05	62.32	22.33	0.58
GR	202	Max WS	TR030_D550	190.16	104.94	109.54		110.02	0.003607	3.05	62.40	22.34	0.58
GR	202	Max WS	TR030_D600	189.75	104.94	109.54		110.01	0.003605	3.04	62.32	22.33	0.58
GR	202	Max WS	TR030_D650	188.97	104.94	109.53		110.00	0.003605	3.04	62.13	22.31	0.58
GR	202	Max WS	TR030_D700	187.76	104.94	109.52		109.99	0.003604	3.04	61.85	22.28	0.58
GR	201	Max WS	TR030_D450	187.80	105.32	109.42		109.89	0.003873	3.03	61.91	24.56	0.61
GR	201	Max WS	TR030_D350	184.50	105.32	109.39		109.86	0.003853	3.01	61.25	24.48	0.61
GR	201	Max WS	TR030_D400	185.99	105.32	109.41		109.87	0.003842	3.02	61.66	24.53	0.61
GR	201	Max WS	TR030_D500	188.69	105.32	109.43		109.90	0.003867	3.04	62.15	24.58	0.61
GR	201	Max WS	TR030_D550	188.90	105.32	109.43		109.90	0.003861	3.04	62.23	24.59	0.61
GR	201	Max WS	TR030_D600	188.60	105.32	109.43		109.90	0.003864	3.03	62.14	24.58	0.61
GR	201	Max WS	TR030_D650	187.84	105.32	109.42		109.89	0.003869	3.03	61.94	24.56	0.61
GR	201	Max WS	TR030_D700	186.69	105.32	109.41		109.88	0.003875	3.03	61.64	24.52	0.61
GR	200	Max WS	TR030_D450	172.65	104.81	109.24		109.71	0.004045	3.04	56.85	22.98	0.62
GR	200	Max WS	TR030_D350	170.02	104.81	109.21		109.68	0.004050	3.02	56.24	22.93	0.62
GR	200	Max WS	TR030_D400	171.11	104.81	109.23		109.69	0.004014	3.02	56.65	22.96	0.61
GR	200	Max WS	TR030_D500	173.22	104.81	109.25		109.72	0.004019	3.03	57.10	23.00	0.61
GR	200	Max WS	TR030_D550	173.43	104.81	109.25		109.72	0.004012	3.03	57.17	23.00	0.61
GR	200	Max WS	TR030_D600	173.17	104.81	109.25		109.72	0.004018	3.03	57.09	23.00	0.61
GR	200	Max WS	TR030_D650	172.64	104.81	109.24		109.71	0.004036	3.03	56.89	22.98	0.62
GR	200	Max WS	TR030_D700	171.82	104.81	109.23		109.70	0.004061	3.04	56.59	22.96	0.62
GR	199	Max WS	TR030_D450	160.12	104.85	108.99		109.24	0.002289	2.18	73.54	33.49	0.47
GR	199	Max WS	TR030_D350	158.64	104.85	108.97		109.21	0.002338	2.19	72.59	33.43	0.47
GR	199	Max WS	TR030_D400	159.64	104.85	108.99		109.23	0.002304	2.18	73.25	33.47	0.47
GR	199	Max WS	TR030_D500	161.26	104.85	109.00		109.25	0.002289	2.18	73.88	33.51	0.47
GR	199	Max WS	TR030_D550	161.47	104.85	109.01		109.25	0.002284	2.18	74.00	33.52	0.47
GR	199	Max WS	TR030_D600	161.27	104.85	109.00		109.25	0.002291	2.18	73.87	33.51	0.47
GR	199	Max WS	TR030_D650	160.75	104.85	108.99		109.24	0.002307	2.19	73.54	33.49	0.47
GR	199	Max WS	TR030_D700	160.03	104.85	108.98		109.22	0.002334	2.19	73.05	33.46	0.47
GR	198	Max WS	TR030_D450	176.41	105.22	108.87		109.06	0.001330	1.89	93.57	35.51	0.37
GR	198	Max WS	TR030_D350	173.40	105.22	108.85		109.02	0.001325	1.87	92.57	35.40	0.37
GR	198	Max WS	TR030_D400	175.50	105.22	108.87		109.05	0.001329	1.88	93.27	35.48	0.37
GR	198	Max WS	TR030_D500	177.54	105.22	108.88		109.07	0.001332	1.89	93.94	35.55	0.37
GR	198	Max WS	TR030_D550	177.94	105.22	108.89		109.07	0.001333	1.89	94.07	35.57	0.37
GR	198	Max WS	TR030_D600	177.50	105.22	108.88		109.07	0.001332	1.89	93.93	35.55	0.37
GR	198	Max WS	TR030_D650	176.48	105.22	108.87		109.06	0.001331	1.89	93.58	35.51	0.37
GR	198	Max WS	TR030_D700	174.93	105.22	108.86		109.04	0.001328	1.88	93.07	35.45	0.37
GR	197	Max WS	TR030_D450	180.00	106.02	108.86	107.69	109.05	0.001737	1.95	92.34	41.69	0.42
GR	197	Max WS	TR030_D350	176.85	106.02	108.83	107.67	109.02	0.001747	1.94	91.16	41.69	0.42
GR	197	Max WS	TR030_D400	179.04	106.02	108.85	107.68	109.04	0.001740	1.95	91.99	41.69	0.42
GR	197	Max WS	TR030_D500	181.15	106.02	108.87	107.69	109.06	0.001732	1.95	92.79	41.69	0.42
GR	197	Max WS	TR030_D550	181.56	106.02	108.87	107.70	109.07	0.001731	1.95	92.94	41.69	0.42
GR	197	Max WS	TR030_D600	181.10	106.02	108.87	107.69	109.06	0.001733	1.95	92.76	41.69	0.42
GR	197	Max WS	TR030_D650	180.03	106.02	108.86	107.69	109.05	0.001737	1.95	92.35	41.69	0.42
GR	197	Max WS	TR030_D700	178.41	106.02	108.84	107.68	109.04	0.001742	1.94	91.74	41.69	0.42
GR	196.5		Inl Struct										
GR	196	Max WS	TR030_D450	180.00	101.58	107.51		107.58	0.000341	1.17	154.44	43.26	0.20
GR	196	Max WS	TR030_D350	176.85	101.58	107.48		107.55	0.000340	1.16	152.84	43.26	0.20
GR	196	Max WS	TR030_D400	179.04	101.58	107.50		107.57	0.000341	1.16	153.96	43.26	0.20
GR	196	Max WS	TR030_D500	181.15	101.58	107.53		107.60	0.000342	1.17	154.99	43.26	0.20
GR	196	Max WS	TR030_D550	181.56	101.58	107.53		107.60	0.000342	1.17	155.20	43.26	0.20
GR	196	Max WS	TR030_D600	181.10	101.58	107.53		107.60	0.000342	1.17	154.96	43.26	0.20
GR	196	Max WS	TR030_D650	180.03	101.58	107.51		107.58	0.000342	1.17	154.42	43.26	0.20
GR	196	Max WS	TR030_D700	178.41	101.58	107.50		107.56	0.000341	1.16	153.61	43.26	0.20
GR	195	Max WS	TR030_D450	231.07	103.07	107.39	105.92	107.63	0.002324	2.20	104.94	49.59	0.48
GR	195	Max WS	TR030_D350	226.54	103.07	107.35	105.89	107.60	0.002321	2.20	103.11	48.81	0.48
GR	195	Max WS	TR030_D400	229.69	103.07	107.38	105.91	107.62	0.002323	2.20	104.39	49.36	0.48
GR	195	Max WS	TR030_D500	232.63	103.07	107.40	105.93	107.65	0.002326	2.20	105.57	49.86	0.48
GR	195	Max WS	TR030_D550	233.22	103.07	107.40	105.93	107.65	0.002326	2.20	105.81	49.96	0.48
GR	195	Max WS	TR030_D600	232.56	103.07	107.40	105.93	107.65	0.002326	2.20	105.53	49.84	0.48
GR	195	Max WS	TR030_D650	231.02	103.07	107.39	105.92	107.63	0.002325	2.20	104.91	49.58	0.48
GR	195	Max WS	TR030_D700	228.69	103.07	107.37	105.91	107.61	0.002323	2.20	103.98	49.18	0.48
GR	194.5		Inl Struct										
GR	194	Max WS	TR030_D450	231.07	101.80	106.01		106.54	0.003714	3.21	72.00	25.36	0.61
GR	194	Max WS	TR030_D350	226.54	101.80	105.97		106.49	0.003699	3.19	71.05	25.19	0.61
GR	194	Max WS	TR030_D400	229.69	101.80	106.00		106.52	0.003709	3.20	71.71	25.31	0.61
GR	194	Max WS	TR030_D500	232.63	101.80	106.02		106.55	0.003718	3.22	72.33	25.41	0.61
GR	194	Max WS	TR030_D550	233.22	101.80	106.03		106.56	0.003720	3.22	72.46	25.44	0.61
GR	194	Max WS	TR030_D600	232.56	101.80	106.02		106.55	0.003718	3.22	72.32	25.41	0.61
GR	194	Max WS	TR030_D650	231.02	101.80	106.01		106.54	0.003712	3.21	72.00	25.36	0.61
GR	194	Max WS	TR030_D700	228.69	101.80	105.99		106.51	0.003705	3.20	71.51	25.27	0.61
GR	193	Max WS	TR030_D450	236.12	101.11	105.83		106.39	0.004084	3.31	71.33	26.78	0.65
GR	193	Max WS	TR030_D350	231.32	101.11	105.79		106.34	0.004065	3.29	70.36	26.59	0.65
GR	193	Max WS	TR030_D400	234.66	101.11	105.82		106.37	0.004078	3.30	71.04	26.72	0.65
GR	193	Max WS	TR030_D500	237.76	101.11	105.84		106.40	0.004090	3.32	71.67	26.84	0.65
GR	193	Max WS	TR030_D550	238.39	101.11	105.85		106.41	0.004092	3.32	71.80	26.87	0.65
GR	193	Max WS	TR030_D600	237.69	101.11	105.84		106.40	0.004089	3.32	71.66	26.84	0.65
GR	193	Max WS	TR030_D650	236.05	101.11	105.83		106.39	0.004081	3.31	71.33	26.78	0.65
GR	193	Max WS	TR030_D700	233.59	101.11	105.81		106.36	0.004073	3.30	70.83	26.68	0.65
GR	192	Max WS	TR030_D450	236.61	101.26	105.59		106.03	0.003343	2.93	80.83	32.32	0.59
GR	192	Max WS	TR030_D350	231.82	101.26	105.56		105.99	0.003348	2.91	79.69	32.22	0.59
GR	192	Max WS	TR030_D400	235.16	101.26	105.58		106.02	0.003344	2.92	80.49	32.29	0.59
GR	192	Max WS	TR030_D500	238.27	101.26	105.61		106.05	0.003340	2.93	81.24	32.35	0.59
GR	192	Max WS	TR030_D550	238.92	101.26	105.61		106.05	0.003339	2.94	81.40	32.37	0.59
GR	192	Max WS	TR030_D600	238.24	101.26	105.61		106.05	0.003340	2.93	81.23	32.35	0.59

HEC-RAS River: Greve Reach: GR 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
GR	192	Max WS	TR030_D650	236.66	101.26	105.60		106.03	0.003343	2.93	80.84	32.32	0.59
GR	192	Max WS	TR030_D700	234.22	101.26	105.58		106.01	0.003347	2.92	80.25	32.27	0.59
GR	191	Max WS	TR030_D450	236.62	100.63	105.46		105.85	0.002652	2.75	86.12	31.46	0.53
GR	191	Max WS	TR030_D350	231.81	100.63	105.43		105.81	0.002634	2.73	85.02	31.26	0.53
GR	191	Max WS	TR030_D400	235.15	100.63	105.45		105.84	0.002646	2.74	85.79	31.40	0.53
GR	191	Max WS	TR030_D500	238.27	100.63	105.48		105.86	0.002657	2.75	86.51	31.54	0.53
GR	191	Max WS	TR030_D550	238.92	100.63	105.48		105.87	0.002660	2.76	86.65	31.56	0.53
GR	191	Max WS	TR030_D600	238.24	100.63	105.48		105.86	0.002657	2.75	86.50	31.54	0.53
GR	191	Max WS	TR030_D650	236.66	100.63	105.46		105.85	0.002652	2.75	86.13	31.47	0.53
GR	191	Max WS	TR030_D700	234.22	100.63	105.45		105.83	0.002644	2.74	85.55	31.36	0.53
GR	190	Max WS	TR030_D450	236.61	100.19	105.30		105.73	0.002935	2.92	81.14	28.37	0.55
GR	190	Max WS	TR030_D350	231.81	100.19	105.26		105.69	0.002904	2.89	80.18	28.16	0.55
GR	190	Max WS	TR030_D400	235.15	100.19	105.29		105.72	0.002925	2.91	80.85	28.30	0.55
GR	190	Max WS	TR030_D500	238.26	100.19	105.31		105.75	0.002944	2.92	81.48	28.44	0.55
GR	190	Max WS	TR030_D550	238.92	100.19	105.32		105.75	0.002949	2.93	81.60	28.46	0.55
GR	190	Max WS	TR030_D600	238.24	100.19	105.31		105.75	0.002945	2.92	81.46	28.43	0.55
GR	190	Max WS	TR030_D650	236.66	100.19	105.30		105.73	0.002936	2.92	81.14	28.37	0.55
GR	190	Max WS	TR030_D700	234.21	100.19	105.28		105.71	0.002921	2.90	80.64	28.26	0.55
GR	189	Max WS	TR030_D450	236.59	99.48	105.15		105.44	0.002201	2.40	98.62	37.26	0.47
GR	189	Max WS	TR030_D350	231.80	99.48	105.11		105.40	0.002174	2.38	97.46	36.96	0.47
GR	189	Max WS	TR030_D400	235.14	99.48	105.14		105.43	0.002192	2.39	98.28	37.17	0.47
GR	189	Max WS	TR030_D500	238.24	99.48	105.16		105.45	0.002209	2.41	99.03	37.37	0.47
GR	189	Max WS	TR030_D550	238.90	99.48	105.16		105.46	0.002213	2.41	99.18	37.41	0.47
GR	189	Max WS	TR030_D600	238.22	99.48	105.16		105.45	0.002210	2.41	99.01	37.37	0.47
GR	189	Max WS	TR030_D650	236.64	99.48	105.15		105.44	0.002202	2.40	98.62	37.26	0.47
GR	189	Max WS	TR030_D700	234.20	99.48	105.13		105.42	0.002189	2.39	98.02	37.10	0.47
GR	188	Max WS	TR030_D450	226.68	99.77	104.98		105.45	0.002566	3.04	74.63	20.40	0.51
GR	188	Max WS	TR030_D350	222.52	99.77	104.95		105.41	0.002532	3.01	74.01	20.37	0.50
GR	188	Max WS	TR030_D400	225.42	99.77	104.97		105.44	0.002556	3.03	74.44	20.39	0.51
GR	188	Max WS	TR030_D500	228.10	99.77	104.99		105.46	0.002576	3.05	74.85	20.41	0.51
GR	188	Max WS	TR030_D550	228.67	99.77	104.99		105.47	0.002581	3.05	74.93	20.41	0.51
GR	188	Max WS	TR030_D600	228.09	99.77	104.99		105.46	0.002577	3.05	74.83	20.41	0.51
GR	188	Max WS	TR030_D650	226.72	99.77	104.98		105.45	0.002567	3.04	74.63	20.40	0.51
GR	188	Max WS	TR030_D700	224.62	99.77	104.96		105.43	0.002551	3.02	74.31	20.39	0.51
GR	187	Max WS	TR030_D450	196.44	99.08	104.91		105.18	0.001442	2.32	84.75	21.50	0.37
GR	187	Max WS	TR030_D350	193.61	99.08	104.88		105.15	0.001430	2.30	84.15	21.50	0.37
GR	187	Max WS	TR030_D400	195.59	99.08	104.90		105.17	0.001438	2.31	84.57	21.50	0.37
GR	187	Max WS	TR030_D500	197.38	99.08	104.92		105.19	0.001445	2.32	84.97	21.50	0.37
GR	187	Max WS	TR030_D550	197.74	99.08	104.92		105.20	0.001446	2.33	85.04	21.50	0.37
GR	187	Max WS	TR030_D600	197.39	99.08	104.92		105.19	0.001446	2.32	84.95	21.50	0.37
GR	187	Max WS	TR030_D650	196.49	99.08	104.91		105.18	0.001443	2.32	84.75	21.50	0.37
GR	187	Max WS	TR030_D700	195.08	99.08	104.89		105.16	0.001438	2.31	84.43	21.50	0.37
GR	186	Max WS	TR030_D450	232.08	98.48	102.86	102.80	103.85	0.010306	4.40	52.71	24.88	0.97
GR	186	Max WS	TR030_D350	227.88	98.48	102.82	102.77	103.81	0.010532	4.41	51.65	24.73	0.97
GR	186	Max WS	TR030_D400	230.81	98.48	102.85	102.80	103.84	0.010381	4.41	52.37	24.83	0.97
GR	186	Max WS	TR030_D500	233.47	98.48	102.87	102.80	103.86	0.010230	4.40	53.06	24.93	0.96
GR	186	Max WS	TR030_D550	234.00	98.48	102.88	102.82	103.87	0.010197	4.40	53.21	24.95	0.96
GR	186	Max WS	TR030_D600	233.44	98.48	102.87	102.80	103.86	0.010224	4.40	53.07	24.93	0.96
GR	186	Max WS	TR030_D650	232.08	98.48	102.86	102.79	103.85	0.010293	4.40	52.73	24.89	0.97
GR	186	Max WS	TR030_D700	229.97	98.48	102.84	102.78	103.83	0.010404	4.41	52.20	24.81	0.97
GR	185	Max WS	TR030_D450	235.16	96.25	101.31		102.02	0.004541	3.72	63.15	19.60	0.66
GR	185	Max WS	TR030_D350	230.51	96.25	101.25		101.96	0.004604	3.72	61.97	19.52	0.67
GR	185	Max WS	TR030_D400	233.70	96.25	101.29		102.00	0.004561	3.72	62.77	19.57	0.66
GR	185	Max WS	TR030_D500	236.76	96.25	101.33		102.04	0.004517	3.72	63.56	19.62	0.66
GR	185	Max WS	TR030_D550	237.41	96.25	101.34		102.05	0.004509	3.73	63.73	19.63	0.66
GR	185	Max WS	TR030_D600	236.74	96.25	101.33		102.04	0.004512	3.72	63.58	19.62	0.66
GR	185	Max WS	TR030_D650	235.11	96.25	101.31		102.02	0.004525	3.72	63.21	19.60	0.66
GR	185	Max WS	TR030_D700	232.74	96.25	101.29		101.99	0.004551	3.72	62.64	19.56	0.66
GR	184	Max WS	TR030_D450	237.33	95.61	100.54		101.01	0.002623	3.06	77.57	22.32	0.52
GR	184	Max WS	TR030_D350	232.37	95.61	100.47		100.95	0.002650	3.05	76.10	22.15	0.53
GR	184	Max WS	TR030_D400	235.78	95.61	100.51		100.99	0.002633	3.06	77.09	22.26	0.52
GR	184	Max WS	TR030_D500	238.88	95.61	100.56		101.04	0.002607	3.06	78.12	22.38	0.52
GR	184	Max WS	TR030_D550	239.59	95.61	100.57		101.05	0.002604	3.06	78.32	22.40	0.52
GR	184	Max WS	TR030_D600	238.90	95.61	100.56		101.04	0.002604	3.06	78.15	22.38	0.52
GR	184	Max WS	TR030_D650	237.27	95.61	100.54		101.02	0.002609	3.05	77.70	22.33	0.52
GR	184	Max WS	TR030_D700	234.77	95.61	100.51		100.98	0.002619	3.05	77.00	22.25	0.52
GR	183.91*	Max WS	TR030_D450	237.99	95.56	100.51		100.92	0.002328	2.84	83.87	25.29	0.50
GR	183.91*	Max WS	TR030_D350	232.96	95.56	100.45		100.85	0.002340	2.83	82.22	24.93	0.50
GR	183.91*	Max WS	TR030_D400	236.39	95.56	100.49		100.90	0.002333	2.84	83.33	25.17	0.50
GR	183.91*	Max WS	TR030_D500	240.03	95.56	100.53		100.95	0.002327	2.84	84.48	25.42	0.50
GR	183.91*	Max WS	TR030_D550	240.81	95.56	100.54		100.96	0.002327	2.84	84.70	25.47	0.50
GR	183.91*	Max WS	TR030_D600	240.17	95.56	100.54		100.95	0.002327	2.84	84.52	25.43	0.50
GR	183.91*	Max WS	TR030_D650	238.65	95.56	100.52		100.93	0.002331	2.84	84.01	25.32	0.50
GR	183.91*	Max WS	TR030_D700	236.22	95.56	100.49		100.90	0.002337	2.84	83.22	25.15	0.50
GR	183.82*	Max WS	TR030_D450	237.79	95.51	100.49		100.85	0.001950	2.85	89.79	26.43	0.46
GR	183.82*	Max WS	TR030_D350	232.79	95.51	100.43		100.78	0.001971	2.84	88.07	26.22	0.46
GR	183.82*	Max WS	TR030_D400	236.20	95.51	100.47		100.83	0.001957	2.85	89.23	26.36	0.46
GR	183.82*	Max WS	TR030_D500	239.78	95.51	100.52		100.88	0.001945	2.85	90.42	26.50	0.46
GR	183.82*	Max WS	TR030_D550	240.57	95.51	100.53		100.89	0.001944	2.85	90.66	26.53	0.46
GR	183.82*	Max WS	TR030_D600	239.96	95.51	100.52		100.88	0.001946	2.85	90.46	26.51	0.46
GR	183.82*	Max WS	TR030_D650	238.45	95.51	100.50		100.86	0.001952	2.85	89.94	26.44	0.46
GR	183.82*	Max WS	TR030_D700	236.02	95.51	100.47		100.83	0.001961	2.85	89.12	26.34	0.46
GR	183.73*	Max WS	TR030_D450	237.67	95.46	100.48		100.80	0.001703	2.49	95.54	28.26	0.43
GR	183.73*	Max WS	TR030_D350	232.69	95.46	100.42		100.73	0.001722	2.48	93.69	28.01	0.43
GR	183.73*	Max WS	TR030_D400	236.08	95.46	100.46		100.78	0.001710	2.49	94.93	28.18	0.43
GR	183.73*	Max WS	TR030_D500	239.64	95.46	100.51		100.82	0.001699	2.49	96.22	28.35	0.43
GR	183.73*	Max WS	TR030_D550	240.40	95.46	100.52		100.83	0.001698	2.49	96.47	28.38	0.43

HEC-RAS River: Greve Reach: GR 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
GR	183.73*	Max WS	TR030_D600	239.83	95.46	100.51		100.82	0.001700	2.49	96.26	28.35	0.43
GR	183.73*	Max WS	TR030_D650	238.31	95.46	100.49		100.80	0.001705	2.49	95.70	28.28	0.43
GR	183.73*	Max WS	TR030_D700	235.89	95.46	100.46		100.77	0.001713	2.49	94.81	28.16	0.43
GR	183.64*	Max WS	TR030_D450	237.60	95.41	100.47		100.76	0.001538	2.35	101.13	30.46	0.41
GR	183.64*	Max WS	TR030_D350	232.62	95.41	100.41		100.69	0.001554	2.35	99.14	30.13	0.41
GR	183.64*	Max WS	TR030_D400	236.01	95.41	100.45		100.73	0.001544	2.35	100.48	30.35	0.41
GR	183.64*	Max WS	TR030_D500	239.59	95.41	100.50		100.78	0.001535	2.35	101.87	30.58	0.41
GR	183.64*	Max WS	TR030_D550	240.32	95.41	100.51		100.79	0.001533	2.35	102.14	30.62	0.41
GR	183.64*	Max WS	TR030_D600	239.75	95.41	100.50		100.78	0.001535	2.35	101.91	30.58	0.41
GR	183.64*	Max WS	TR030_D650	238.24	95.41	100.48		100.76	0.001540	2.35	101.30	30.48	0.41
GR	183.64*	Max WS	TR030_D700	235.81	95.41	100.45		100.73	0.001547	2.35	100.35	30.33	0.41
GR	183.56*	Max WS	TR030_D450	237.56	95.36	100.47		100.72	0.001449	2.21	107.45	34.29	0.40
GR	183.56*	Max WS	TR030_D350	232.58	95.36	100.40		100.65	0.001463	2.21	105.18	33.80	0.40
GR	183.56*	Max WS	TR030_D400	235.98	95.36	100.45		100.69	0.001454	2.21	106.71	34.13	0.40
GR	183.56*	Max WS	TR030_D500	239.51	95.36	100.49		100.74	0.001440	2.21	108.28	34.36	0.40
GR	183.56*	Max WS	TR030_D550	240.22	95.36	100.50		100.75	0.001436	2.21	108.59	34.38	0.40
GR	183.56*	Max WS	TR030_D600	239.69	95.36	100.49		100.74	0.001440	2.21	108.34	34.37	0.40
GR	183.56*	Max WS	TR030_D650	238.18	95.36	100.47		100.72	0.001449	2.21	107.63	34.32	0.40
GR	183.56*	Max WS	TR030_D700	235.79	95.36	100.44		100.69	0.001457	2.21	106.55	34.10	0.40
GR	183.47*	Max WS	TR030_D450	237.46	95.31	100.46		100.68	0.001310	2.10	113.04	36.26	0.38
GR	183.47*	Max WS	TR030_D350	232.54	95.31	100.39		100.62	0.001331	2.10	110.64	35.91	0.38
GR	183.47*	Max WS	TR030_D400	235.88	95.31	100.44		100.66	0.001319	2.10	112.26	36.19	0.38
GR	183.47*	Max WS	TR030_D500	239.45	95.31	100.48		100.71	0.001302	2.10	113.94	36.34	0.38
GR	183.47*	Max WS	TR030_D550	240.16	95.31	100.49		100.72	0.001299	2.10	114.26	36.36	0.38
GR	183.47*	Max WS	TR030_D600	239.63	95.31	100.49		100.71	0.001302	2.10	113.99	36.34	0.38
GR	183.47*	Max WS	TR030_D650	238.07	95.31	100.47		100.69	0.001310	2.10	113.25	36.28	0.38
GR	183.47*	Max WS	TR030_D700	235.69	95.31	100.43		100.66	0.001322	2.10	112.09	36.18	0.38
GR	183.38*	Max WS	TR030_D450	237.46	95.27	100.45		100.66	0.001189	2.02	117.51	36.88	0.36
GR	183.38*	Max WS	TR030_D350	232.51	95.27	100.39		100.60	0.001211	2.02	115.06	36.67	0.36
GR	183.38*	Max WS	TR030_D400	235.88	95.27	100.43		100.64	0.001196	2.02	116.72	36.81	0.36
GR	183.38*	Max WS	TR030_D500	239.49	95.27	100.48		100.69	0.001183	2.02	118.43	36.96	0.36
GR	183.38*	Max WS	TR030_D550	240.19	95.27	100.49		100.70	0.001180	2.02	118.75	36.99	0.36
GR	183.38*	Max WS	TR030_D600	239.66	95.27	100.48		100.69	0.001183	2.02	118.48	36.97	0.36
GR	183.38*	Max WS	TR030_D650	238.08	95.27	100.46		100.67	0.001189	2.02	117.73	36.90	0.36
GR	183.38*	Max WS	TR030_D700	235.70	95.27	100.43		100.64	0.001199	2.02	116.55	36.80	0.36
GR	183.29*	Max WS	TR030_D450	237.56	95.22	100.45		100.64	0.001128	1.96	121.00	38.28	0.35
GR	183.29*	Max WS	TR030_D350	232.58	95.22	100.38		100.58	0.001145	1.96	118.44	37.86	0.35
GR	183.29*	Max WS	TR030_D400	235.96	95.22	100.42		100.62	0.001134	1.96	120.16	38.15	0.35
GR	183.29*	Max WS	TR030_D500	239.58	95.22	100.47		100.67	0.001124	1.96	121.95	38.44	0.35
GR	183.29*	Max WS	TR030_D550	240.30	95.22	100.48		100.68	0.001122	1.96	122.29	38.49	0.35
GR	183.29*	Max WS	TR030_D600	239.71	95.22	100.47		100.67	0.001124	1.96	122.00	38.44	0.35
GR	183.29*	Max WS	TR030_D650	238.18	95.22	100.45		100.65	0.001129	1.96	121.21	38.32	0.35
GR	183.29*	Max WS	TR030_D700	235.78	95.22	100.42		100.62	0.001137	1.96	119.99	38.12	0.35
GR	183.2	Max WS	TR030_D450	237.53	95.17	100.44		100.63	0.001021	1.96	121.43	34.90	0.33
GR	183.2	Max WS	TR030_D350	232.56	95.17	100.37		100.56	0.001036	1.95	119.09	34.72	0.34
GR	183.2	Max WS	TR030_D400	235.93	95.17	100.41		100.61	0.001026	1.96	120.67	34.84	0.34
GR	183.2	Max WS	TR030_D500	239.53	95.17	100.46		100.66	0.001017	1.96	122.29	34.96	0.33
GR	183.2	Max WS	TR030_D550	240.26	95.17	100.47		100.67	0.001016	1.96	122.60	34.99	0.33
GR	183.2	Max WS	TR030_D600	239.65	95.17	100.46		100.66	0.001017	1.96	122.34	34.97	0.33
GR	183.2	Max WS	TR030_D650	238.15	95.17	100.44		100.64	0.001022	1.96	121.63	34.91	0.34
GR	183.2	Max WS	TR030_D700	235.74	95.17	100.41		100.61	0.001028	1.96	120.51	34.83	0.34
GR	183	Max WS	TR030_D450	237.52	95.17	100.21	98.42	100.76	0.001985	3.29	72.09	34.28	0.49
GR	183	Max WS	TR030_D350	232.56	95.17	100.15	98.38	100.69	0.001990	3.27	71.12	34.11	0.49
GR	183	Max WS	TR030_D400	235.92	95.17	100.19	98.41	100.74	0.001987	3.29	71.77	34.22	0.49
GR	183	Max WS	TR030_D500	239.52	95.17	100.23	98.44	100.79	0.001986	3.31	72.44	34.34	0.49
GR	183	Max WS	TR030_D550	240.23	95.17	100.24	98.44	100.80	0.001985	3.31	72.57	34.36	0.49
GR	183	Max WS	TR030_D600	239.64	95.17	100.23	98.44	100.79	0.001986	3.31	72.46	34.35	0.49
GR	183	Max WS	TR030_D650	238.15	95.17	100.21	98.42	100.77	0.001988	3.30	72.17	34.29	0.49
GR	183	Max WS	TR030_D700	235.74	95.17	100.18	98.41	100.74	0.001990	3.29	71.71	34.21	0.49
GR	182			Bridge									
GR	181	Max WS	TR030_D450	237.52	95.21	100.14		100.70	0.001860	3.33	71.34	43.53	0.50
GR	181	Max WS	TR030_D350	232.54	95.21	100.08		100.63	0.001866	3.30	70.37	42.64	0.50
GR	181	Max WS	TR030_D400	235.92	95.21	100.12		100.68	0.001863	3.32	71.03	43.24	0.50
GR	181	Max WS	TR030_D500	239.48	95.21	100.16		100.73	0.001860	3.34	71.69	43.85	0.50
GR	181	Max WS	TR030_D550	240.20	95.21	100.17		100.74	0.001861	3.34	71.82	43.96	0.50
GR	181	Max WS	TR030_D600	239.64	95.21	100.16		100.73	0.001861	3.34	71.71	43.86	0.50
GR	181	Max WS	TR030_D650	238.08	95.21	100.14		100.71	0.001862	3.33	71.42	43.60	0.50
GR	181	Max WS	TR030_D700	235.68	95.21	100.11		100.68	0.001865	3.32	70.96	43.18	0.50
GR	180.9			Lat Struct									
GR	180.85			Lat Struct									
GR	180.8	Max WS	TR030_D450	237.51	95.21	100.13		100.34	0.001421	2.02	117.82	43.46	0.39
GR	180.8	Max WS	TR030_D350	232.52	95.21	100.07		100.28	0.001433	2.02	115.14	42.58	0.39
GR	180.8	Max WS	TR030_D400	235.90	95.21	100.11		100.32	0.001425	2.02	116.95	43.18	0.39
GR	180.8	Max WS	TR030_D500	239.44	95.21	100.16		100.36	0.001419	2.02	118.77	43.77	0.39
GR	180.8	Max WS	TR030_D550	240.15	95.21	100.16		100.37	0.001418	2.02	119.12	43.89	0.39
GR	180.8	Max WS	TR030_D600	239.56	95.21	100.16		100.36	0.001419	2.02	118.83	43.79	0.39
GR	180.8	Max WS	TR030_D650	238.01	95.21	100.14		100.35	0.001422	2.02	118.02	43.53	0.39
GR	180.8	Max WS	TR030_D700	235.62	95.21	100.11		100.32	0.001427	2.02	116.75	43.11	0.39
GR	180	Max WS	TR030_D450	237.49	94.46	100.05		100.28	0.002204	2.15	110.30	51.43	0.47
GR	180	Max WS	TR030_D350	232.49	94.46	99.98		100.22	0.002331	2.17	106.95	51.35	0.48
GR	180	Max WS	TR030_D400	235.87	94.46	100.03		100.26	0.002243	2.16	109.22	51.40	0.47
GR	180	Max WS	TR030_D500	239.39	94.46	100.07		100.31	0.002164	2.15	111.49	51.46	0.47
GR	180	Max WS	TR030_D550	240.08	94.46	100.08		100.31	0.002149	2.14	111.93	51.47	0.46
GR	180	Max WS	TR030_D600	239.52	94.46	100.07		100.31	0.002161	2.15	111.57	51.46	0.47
GR	180	Max WS	TR030_D650	237.97	94.46	100.05		100.29	0.002196	2.15	110.57	51.44	0.47

HEC-RAS River: Greve Reach: GR 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
GR	180	Max WS	TR030_D700	235.57	94.46	100.02		100.26	0.002253	2.16	108.98	51.40	0.47
GR	179	Max WS	TR030_D450	237.25	94.13	99.91		100.18	0.002844	2.32	102.46	51.31	0.52
GR	179	Max WS	TR030_D350	232.29	94.13	99.84		100.12	0.002987	2.35	98.84	50.22	0.53
GR	179	Max WS	TR030_D400	235.65	94.13	99.89		100.16	0.002890	2.33	101.27	50.96	0.53
GR	179	Max WS	TR030_D500	239.08	94.13	99.93		100.21	0.002798	2.30	103.74	51.70	0.52
GR	179	Max WS	TR030_D550	239.77	94.13	99.94		100.21	0.002781	2.30	104.23	51.84	0.52
GR	179	Max WS	TR030_D600	239.23	94.13	99.94		100.21	0.002796	2.30	103.82	51.72	0.52
GR	179	Max WS	TR030_D650	237.68	94.13	99.92		100.19	0.002835	2.31	102.74	51.40	0.52
GR	179	Max WS	TR030_D700	235.35	94.13	99.88		100.16	0.002902	2.33	101.01	50.88	0.53
GR	178	Max WS	TR030_D450	223.01	94.22	99.80		100.00	0.001542	1.97	113.10	43.61	0.39
GR	178	Max WS	TR030_D350	219.14	94.22	99.72		99.92	0.001649	2.00	109.54	43.61	0.40
GR	178	Max WS	TR030_D400	221.75	94.22	99.77		99.97	0.001574	1.98	111.96	43.61	0.39
GR	178	Max WS	TR030_D500	224.43	94.22	99.83		100.02	0.001508	1.96	114.34	43.61	0.39
GR	178	Max WS	TR030_D550	224.99	94.22	99.84		100.03	0.001497	1.96	114.78	43.61	0.39
GR	178	Max WS	TR030_D600	224.53	94.22	99.83		100.03	0.001507	1.96	114.39	43.61	0.39
GR	178	Max WS	TR030_D650	223.33	94.22	99.81		100.00	0.001535	1.97	113.36	43.61	0.39
GR	178	Max WS	TR030_D700	221.50	94.22	99.77		99.97	0.001583	1.98	111.70	43.61	0.40
GR	177	Max WS	TR030_D450	212.11	93.69	99.70		99.95	0.001681	2.19	96.87	31.89	0.40
GR	177	Max WS	TR030_D350	209.25	93.69	99.62		99.87	0.001794	2.22	94.06	31.89	0.41
GR	177	Max WS	TR030_D400	211.17	93.69	99.68		99.92	0.001716	2.20	95.96	31.89	0.41
GR	177	Max WS	TR030_D500	213.20	93.69	99.74		99.98	0.001647	2.18	97.83	31.89	0.40
GR	177	Max WS	TR030_D550	213.60	93.69	99.75		99.99	0.001635	2.18	98.18	31.89	0.40
GR	177	Max WS	TR030_D600	213.27	93.69	99.74		99.98	0.001646	2.18	97.88	31.89	0.40
GR	177	Max WS	TR030_D650	212.36	93.69	99.71		99.96	0.001674	2.19	97.07	31.89	0.40
GR	177	Max WS	TR030_D700	210.99	93.69	99.67		99.92	0.001724	2.20	95.76	31.89	0.41
GR	176	Max WS	TR030_D450	226.67	93.60	99.57		99.85	0.001387	2.33	97.39	25.40	0.38
GR	176	Max WS	TR030_D350	222.64	93.60	99.49		99.77	0.001431	2.34	95.18	25.33	0.39
GR	176	Max WS	TR030_D400	225.35	93.60	99.55		99.82	0.001401	2.33	96.68	25.37	0.38
GR	176	Max WS	TR030_D500	228.16	93.60	99.60		99.88	0.001374	2.32	98.14	25.42	0.38
GR	176	Max WS	TR030_D550	228.72	93.60	99.61		99.89	0.001370	2.32	98.41	25.43	0.38
GR	176	Max WS	TR030_D600	228.25	93.60	99.60		99.88	0.001373	2.32	98.18	25.42	0.38
GR	176	Max WS	TR030_D650	227.00	93.60	99.58		99.86	0.001385	2.33	97.54	25.40	0.38
GR	176	Max WS	TR030_D700	225.08	93.60	99.54		99.82	0.001404	2.33	96.52	25.37	0.38
GR	175.2	Max WS	TR030_D450	237.48	93.20	99.47		99.75	0.001586	2.33	101.78	25.93	0.38
GR	175.2	Max WS	TR030_D350	232.44	93.20	99.38		99.66	0.001622	2.34	99.55	25.82	0.38
GR	175.2	Max WS	TR030_D400	235.84	93.20	99.44		99.72	0.001597	2.33	101.08	25.89	0.38
GR	175.2	Max WS	TR030_D500	239.32	93.20	99.50		99.78	0.001575	2.33	102.55	25.96	0.37
GR	175.2	Max WS	TR030_D550	240.01	93.20	99.51		99.79	0.001572	2.33	102.82	25.98	0.37
GR	175.2	Max WS	TR030_D600	239.43	93.20	99.50		99.78	0.001575	2.33	102.58	25.96	0.37
GR	175.2	Max WS	TR030_D650	237.89	93.20	99.48		99.75	0.001584	2.33	101.94	25.94	0.38
GR	175.2	Max WS	TR030_D700	235.49	93.20	99.44		99.72	0.001600	2.33	100.91	25.89	0.38
GR	175	Max WS	TR030_D450	237.48	93.20	99.46	96.67	99.75	0.001616	2.37	100.04	25.91	0.38
GR	175	Max WS	TR030_D350	232.44	93.20	99.37	96.62	99.66	0.001650	2.37	97.89	25.81	0.38
GR	175	Max WS	TR030_D400	235.84	93.20	99.43	96.65	99.72	0.001626	2.37	99.36	25.88	0.38
GR	175	Max WS	TR030_D500	239.32	93.20	99.49	96.68	99.77	0.001606	2.37	100.77	25.95	0.38
GR	175	Max WS	TR030_D550	240.01	93.20	99.50	96.69	99.79	0.001603	2.38	101.04	25.96	0.38
GR	175	Max WS	TR030_D600	239.43	93.20	99.49	96.68	99.78	0.001606	2.37	100.81	25.95	0.38
GR	175	Max WS	TR030_D650	237.89	93.20	99.46	96.67	99.75	0.001614	2.37	100.19	25.92	0.38
GR	175	Max WS	TR030_D700	235.49	93.20	99.42	96.65	99.71	0.001629	2.37	99.21	25.87	0.38
GR	174			Bridge									
GR	173	Max WS	TR030_D450	237.48	93.08	98.16		99.06	0.007745	4.18	56.80	20.27	0.78
GR	173	Max WS	TR030_D350	232.44	93.08	98.11		99.00	0.007584	4.16	55.84	19.65	0.77
GR	173	Max WS	TR030_D400	235.84	93.08	98.15		99.04	0.007703	4.18	56.49	20.10	0.77
GR	173	Max WS	TR030_D500	239.32	93.08	98.18		99.08	0.007746	4.19	57.16	20.37	0.78
GR	173	Max WS	TR030_D550	240.01	93.08	98.19		99.09	0.007748	4.19	57.29	20.41	0.78
GR	173	Max WS	TR030_D600	239.43	93.08	98.19		99.08	0.007743	4.19	57.19	20.38	0.78
GR	173	Max WS	TR030_D650	237.88	93.08	98.17		99.06	0.007733	4.18	56.91	20.30	0.78
GR	173	Max WS	TR030_D700	235.49	93.08	98.15		99.03	0.007683	4.17	56.47	20.09	0.77
GR	172.85			Lat Struct									
GR	172.83			Lat Struct									
GR	172.8	Max WS	TR030_D450	237.48	93.08	98.14		99.04	0.008159	4.20	56.54	20.00	0.80
GR	172.8	Max WS	TR030_D350	232.44	93.08	98.09		98.98	0.008001	4.18	55.55	19.35	0.79
GR	172.8	Max WS	TR030_D400	235.83	93.08	98.13		99.02	0.008108	4.19	56.22	19.79	0.79
GR	172.8	Max WS	TR030_D500	239.32	93.08	98.16		99.06	0.008209	4.20	56.92	20.24	0.80
GR	172.8	Max WS	TR030_D550	240.00	93.08	98.17		99.07	0.008208	4.21	57.06	20.28	0.80
GR	172.8	Max WS	TR030_D600	239.43	93.08	98.16		99.06	0.008205	4.20	56.95	20.25	0.80
GR	172.8	Max WS	TR030_D650	237.88	93.08	98.15		99.05	0.008163	4.20	56.66	20.08	0.80
GR	172.8	Max WS	TR030_D700	235.49	93.08	98.12		99.02	0.008088	4.19	56.20	19.78	0.79
GR	172	Max WS	TR030_D450	237.54	92.70	97.62		98.23	0.003945	3.45	68.88	22.76	0.63
GR	172	Max WS	TR030_D350	232.48	92.70	97.57		98.17	0.003935	3.43	67.78	22.53	0.63
GR	172	Max WS	TR030_D400	235.89	92.70	97.61		98.21	0.003942	3.44	68.52	22.69	0.63
GR	172	Max WS	TR030_D500	239.37	92.70	97.64		98.25	0.003945	3.45	69.31	22.85	0.63
GR	172	Max WS	TR030_D550	240.06	92.70	97.65		98.26	0.003947	3.46	69.45	22.88	0.63
GR	172	Max WS	TR030_D600	239.48	92.70	97.64		98.25	0.003943	3.45	69.35	22.86	0.63
GR	172	Max WS	TR030_D650	237.94	92.70	97.63		98.24	0.003938	3.45	69.03	22.79	0.63
GR	172	Max WS	TR030_D700	235.53	92.70	97.61		98.21	0.003930	3.44	68.53	22.69	0.63
GR	171.83*	Max WS	TR030_D450	237.53	92.65	97.58		98.25	0.004648	3.64	65.17	22.74	0.69
GR	171.83*	Max WS	TR030_D350	232.48	92.65	97.53		98.20	0.004650	3.63	64.08	22.52	0.69
GR	171.83*	Max WS	TR030_D400	235.88	92.65	97.56		98.24	0.004648	3.64	64.82	22.67	0.69
GR	171.83*	Max WS	TR030_D500	239.37	92.65	97.60		98.27	0.004641	3.65	65.60	22.83	0.69
GR	171.83*	Max WS	TR030_D550	240.05	92.65	97.60		98.28	0.004641	3.65	65.75	22.86	0.69
GR	171.83*	Max WS	TR030_D600	239.47	92.65	97.60		98.28	0.004637	3.65	65.64	22.83	0.69
GR	171.83*	Max WS	TR030_D650	237.93	92.65	97.58		98.26	0.004636	3.64	65.32	22.77	0.69
GR	171.83*	Max WS	TR030_D700	235.52	92.65	97.56		98.23	0.004632	3.63	64.83	22.67	0.69

HEC-RAS River: Greve Reach: GR 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
GR	171.67*	Max WS	TR030_D450	237.52	92.60	97.52		98.30	0.005680	3.90	60.89	22.30	0.75
GR	171.67*	Max WS	TR030_D350	232.47	92.60	97.47		98.24	0.005697	3.89	59.81	22.07	0.75
GR	171.67*	Max WS	TR030_D400	235.87	92.60	97.50		98.28	0.005684	3.90	60.54	22.23	0.75
GR	171.67*	Max WS	TR030_D500	239.35	92.60	97.54		98.32	0.005666	3.90	61.31	22.39	0.75
GR	171.67*	Max WS	TR030_D550	240.04	92.60	97.55		98.32	0.005664	3.91	61.46	22.42	0.75
GR	171.67*	Max WS	TR030_D600	239.46	92.60	97.54		98.32	0.005661	3.90	61.35	22.40	0.75
GR	171.67*	Max WS	TR030_D650	237.92	92.60	97.53		98.30	0.005662	3.90	61.05	22.34	0.75
GR	171.67*	Max WS	TR030_D700	235.52	92.60	97.51		98.28	0.005664	3.89	60.56	22.23	0.75
GR	171.50*	Max WS	TR030_D450	237.51	92.55	97.45		98.35	0.006825	4.20	56.57	20.97	0.82
GR	171.50*	Max WS	TR030_D350	232.46	92.55	97.40		98.30	0.006836	4.18	55.56	20.72	0.82
GR	171.50*	Max WS	TR030_D400	235.86	92.55	97.44		98.33	0.006827	4.19	56.24	20.89	0.82
GR	171.50*	Max WS	TR030_D500	239.35	92.55	97.47		98.37	0.006810	4.20	56.97	21.08	0.82
GR	171.50*	Max WS	TR030_D550	240.03	92.55	97.48		98.38	0.006809	4.20	57.11	21.11	0.82
GR	171.50*	Max WS	TR030_D600	239.45	92.55	97.47		98.37	0.006804	4.20	57.01	21.09	0.82
GR	171.50*	Max WS	TR030_D650	237.91	92.55	97.46		98.36	0.006802	4.19	56.72	21.01	0.82
GR	171.50*	Max WS	TR030_D700	235.51	92.55	97.44		98.33	0.006801	4.19	56.26	20.90	0.81
GR	171.33*	Max WS	TR030_D450	237.50	92.51	97.38		98.38	0.007518	4.43	53.62	19.27	0.85
GR	171.33*	Max WS	TR030_D350	232.46	92.51	97.33		98.32	0.007549	4.41	52.68	19.09	0.85
GR	171.33*	Max WS	TR030_D400	235.85	92.51	97.36		98.36	0.007527	4.42	53.32	19.21	0.85
GR	171.33*	Max WS	TR030_D500	239.34	92.51	97.40		98.40	0.007498	4.43	53.99	19.34	0.85
GR	171.33*	Max WS	TR030_D550	240.02	92.51	97.40		98.41	0.007493	4.44	54.12	19.36	0.85
GR	171.33*	Max WS	TR030_D600	239.44	92.51	97.40		98.40	0.007490	4.43	54.03	19.34	0.85
GR	171.33*	Max WS	TR030_D650	237.90	92.51	97.38		98.38	0.007491	4.42	53.76	19.30	0.85
GR	171.33*	Max WS	TR030_D700	235.50	92.51	97.36		98.36	0.007496	4.41	53.34	19.22	0.85
GR	171.17*	Max WS	TR030_D450	237.50	92.46	97.30		98.37	0.008303	4.59	51.71	18.71	0.88
GR	171.17*	Max WS	TR030_D350	232.45	92.46	97.25		98.32	0.008354	4.58	50.80	18.57	0.88
GR	171.17*	Max WS	TR030_D400	235.85	92.46	97.28		98.35	0.008316	4.59	51.42	18.67	0.88
GR	171.17*	Max WS	TR030_D500	239.33	92.46	97.32		98.39	0.008269	4.60	52.08	18.77	0.88
GR	171.17*	Max WS	TR030_D550	240.02	92.46	97.32		98.40	0.008262	4.60	52.20	18.78	0.88
GR	171.17*	Max WS	TR030_D600	239.44	92.46	97.32		98.40	0.008259	4.59	52.12	18.77	0.88
GR	171.17*	Max WS	TR030_D650	237.90	92.46	97.31		98.38	0.008265	4.59	51.86	18.73	0.88
GR	171.17*	Max WS	TR030_D700	235.49	92.46	97.28		98.35	0.008278	4.58	51.45	18.67	0.88
GR	171	Max WS	TR030_D450	237.34	92.41	97.21		98.36	0.009127	4.73	50.14	18.44	0.92
GR	171	Max WS	TR030_D350	232.45	92.41	97.16		98.30	0.009216	4.72	49.23	18.31	0.92
GR	171	Max WS	TR030_D400	235.85	92.41	97.20		98.34	0.009164	4.73	49.84	18.40	0.92
GR	171	Max WS	TR030_D500	239.33	92.41	97.23		98.38	0.009098	4.74	50.50	18.49	0.92
GR	171	Max WS	TR030_D550	240.01	92.41	97.24		98.38	0.009087	4.74	50.62	18.50	0.92
GR	171	Max WS	TR030_D600	239.43	92.41	97.23		98.38	0.009085	4.74	50.54	18.49	0.92
GR	171	Max WS	TR030_D650	237.89	92.41	97.22		98.36	0.009096	4.73	50.29	18.46	0.92
GR	171	Max WS	TR030_D700	235.48	92.41	97.20		98.33	0.009116	4.72	49.88	18.40	0.92
GR	170	Max WS	TR030_D450	237.21	92.32	96.72		97.34	0.004449	3.49	68.01	25.13	0.68
GR	170	Max WS	TR030_D350	232.38	92.32	96.67		97.29	0.004524	3.48	66.72	25.08	0.68
GR	170	Max WS	TR030_D400	235.75	92.32	96.70		97.32	0.004478	3.49	67.59	25.11	0.68
GR	170	Max WS	TR030_D500	239.19	92.32	96.74		97.36	0.004424	3.49	68.51	25.15	0.68
GR	170	Max WS	TR030_D550	239.87	92.32	96.75		97.37	0.004414	3.49	68.69	25.15	0.67
GR	170	Max WS	TR030_D600	239.29	92.32	96.74		97.36	0.004414	3.49	68.58	25.15	0.67
GR	170	Max WS	TR030_D650	237.74	92.32	96.73		97.35	0.004424	3.48	68.24	25.14	0.68
GR	170	Max WS	TR030_D700	235.37	92.32	96.71		97.32	0.004442	3.48	67.69	25.12	0.68
GR	169	Max WS	TR030_D450	238.08	91.45	96.47		96.86	0.002406	2.78	85.74	28.22	0.51
GR	169	Max WS	TR030_D350	233.00	91.45	96.42		96.81	0.002407	2.77	84.25	27.90	0.51
GR	169	Max WS	TR030_D400	236.41	91.45	96.45		96.84	0.002407	2.77	85.24	28.11	0.51
GR	169	Max WS	TR030_D500	240.21	91.45	96.49		96.88	0.002407	2.78	86.32	28.34	0.51
GR	169	Max WS	TR030_D550	240.95	91.45	96.50		96.89	0.002408	2.78	86.53	28.39	0.51
GR	169	Max WS	TR030_D600	240.43	91.45	96.49		96.89	0.002406	2.78	86.41	28.36	0.51
GR	169	Max WS	TR030_D650	238.91	91.45	96.48		96.87	0.002402	2.78	86.03	28.28	0.51
GR	169	Max WS	TR030_D700	236.54	91.45	96.46		96.85	0.002397	2.77	85.42	28.15	0.51
GR	168	Max WS	TR030_D450	238.08	91.18	96.34		96.71	0.001939	2.69	88.64	24.69	0.45
GR	168	Max WS	TR030_D350	233.00	91.18	96.29		96.65	0.001935	2.67	87.35	24.55	0.45
GR	168	Max WS	TR030_D400	236.41	91.18	96.32		96.69	0.001939	2.68	88.21	24.64	0.45
GR	168	Max WS	TR030_D500	240.20	91.18	96.36		96.73	0.001943	2.69	89.16	24.74	0.45
GR	168	Max WS	TR030_D550	240.95	91.18	96.37		96.74	0.001944	2.70	89.34	24.76	0.45
GR	168	Max WS	TR030_D600	240.42	91.18	96.36		96.73	0.001941	2.69	89.24	24.75	0.45
GR	168	Max WS	TR030_D650	238.90	91.18	96.35		96.72	0.001936	2.69	88.91	24.72	0.45
GR	168	Max WS	TR030_D700	236.54	91.18	96.33		96.69	0.001930	2.68	88.38	24.66	0.45
GR	167	Max WS	TR030_D450	238.08	91.30	96.18		96.71	0.004873	3.22	73.90	33.03	0.69
GR	167	Max WS	TR030_D350	233.00	91.30	96.13		96.66	0.004691	3.22	72.27	31.20	0.68
GR	167	Max WS	TR030_D400	236.41	91.30	96.16		96.69	0.004826	3.22	73.34	32.47	0.68
GR	167	Max WS	TR030_D500	240.19	91.30	96.20		96.73	0.004924	3.22	74.56	33.63	0.69
GR	167	Max WS	TR030_D550	240.94	91.30	96.21		96.74	0.004940	3.22	74.81	33.86	0.69
GR	167	Max WS	TR030_D600	240.42	91.30	96.20		96.73	0.004926	3.22	74.68	33.74	0.69
GR	167	Max WS	TR030_D650	238.88	91.30	96.19		96.72	0.004887	3.22	74.27	33.36	0.69
GR	167	Max WS	TR030_D700	236.53	91.30	96.17		96.70	0.004826	3.21	73.59	32.74	0.68
GR	166	Max WS	TR030_D450	237.98	90.71	95.92		96.42	0.004948	3.13	76.11	35.25	0.68
GR	166	Max WS	TR030_D350	232.94	90.71	95.87		96.37	0.004981	3.13	74.41	34.54	0.68
GR	166	Max WS	TR030_D400	236.33	90.71	95.91		96.41	0.004962	3.13	75.53	35.01	0.68
GR	166	Max WS	TR030_D500	240.09	90.71	95.94		96.44	0.004939	3.13	76.78	35.52	0.68
GR	166	Max WS	TR030_D550	240.82	90.71	95.95		96.45	0.004934	3.13	77.03	35.62	0.68
GR	166	Max WS	TR030_D600	240.30	90.71	95.95		96.44	0.004930	3.12	76.91	35.57	0.68
GR	166	Max WS	TR030_D650	238.78	90.71	95.93		96.43	0.004925	3.12	76.50	35.41	0.68
GR	166	Max WS	TR030_D700	236.42	90.71	95.92		96.41	0.004921	3.12	75.84	35.14	0.68
GR	165	Max WS	TR030_D450	237.40	90.59	95.70		96.32	0.004133	3.48	68.20	21.77	0.63
GR	165	Max WS	TR030_D350	232.35	90.59	95.66		96.27	0.004066	3.46	67.18	21.36	0.62
GR	165	Max WS	TR030_D400	235.74	90.59	95.69		96.30	0.004105	3.47	67.86	21.63	0.63
GR	165	Max WS	TR030_D500	239.17	90.59	95.72		96.34	0.004166	3.49	68.59	21.92	0.63
GR	165	Max WS	TR030_D550	240.38	90.59	95.73		96.35	0.004179	3.50	68.74	21.98	0.63
GR	165	Max WS	TR030_D600	240.00	90.59	95.73		96.35	0.004173	3.49	68.67	21.95	0.63
GR	165	Max WS	TR030_D650	238.67	90.59	95.71		96.33	0.004152	3.49	68.43	21.86	0.63
GR	165	Max WS	TR030_D700	236.50	90.59	95.70		96.31	0.004118	3.48	68.05	21.71	0.63

HEC-RAS River: Greve Reach: GR 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
GR	164	Max WS	TR030_D450	238.06	90.63	95.47		96.09	0.005005	3.50	68.10	26.37	0.69
GR	164	Max WS	TR030_D350	232.91	90.63	95.42		96.04	0.005043	3.48	66.96	26.32	0.70
GR	164	Max WS	TR030_D400	236.16	90.63	95.45		96.07	0.005016	3.49	67.69	26.35	0.70
GR	164	Max WS	TR030_D500	240.25	90.63	95.48		96.11	0.004994	3.50	68.56	26.39	0.69
GR	164	Max WS	TR030_D550	241.06	90.63	95.49		96.12	0.004991	3.51	68.73	26.40	0.69
GR	164	Max WS	TR030_D600	240.67	90.63	95.49		96.11	0.004993	3.51	68.65	26.39	0.69
GR	164	Max WS	TR030_D650	239.33	90.63	95.48		96.10	0.004997	3.50	68.37	26.38	0.69
GR	164	Max WS	TR030_D700	237.13	90.63	95.46		96.08	0.005004	3.49	67.93	26.36	0.69
GR	163	Max WS	TR030_D450	239.00	90.44	95.20		95.63	0.004452	2.90	82.51	41.50	0.66
GR	163	Max WS	TR030_D350	233.59	90.44	95.16		95.58	0.004549	2.89	80.77	41.42	0.66
GR	163	Max WS	TR030_D400	237.00	90.44	95.18		95.61	0.004492	2.90	81.84	41.47	0.66
GR	163	Max WS	TR030_D500	241.29	90.44	95.21		95.64	0.004415	2.90	83.23	41.53	0.65
GR	163	Max WS	TR030_D550	242.13	90.44	95.22		95.65	0.004400	2.90	83.51	41.54	0.65
GR	163	Max WS	TR030_D600	241.72	90.44	95.22		95.65	0.004406	2.90	83.38	41.54	0.65
GR	163	Max WS	TR030_D650	240.33	90.44	95.21		95.64	0.004427	2.90	82.95	41.52	0.65
GR	163	Max WS	TR030_D700	238.04	90.44	95.19		95.62	0.004463	2.89	82.23	41.49	0.66
GR	162	Max WS	TR030_D450	238.97	89.92	95.03		95.51	0.003630	3.08	77.56	29.34	0.61
GR	162	Max WS	TR030_D350	233.57	89.92	94.99		95.46	0.003632	3.06	76.29	29.18	0.60
GR	162	Max WS	TR030_D400	237.00	89.92	95.01		95.49	0.003635	3.08	77.07	29.28	0.61
GR	162	Max WS	TR030_D500	241.27	89.92	95.05		95.53	0.003630	3.09	78.09	29.40	0.61
GR	162	Max WS	TR030_D550	242.12	89.92	95.05		95.54	0.003629	3.09	78.29	29.43	0.61
GR	162	Max WS	TR030_D600	241.71	89.92	95.05		95.54	0.003628	3.09	78.20	29.42	0.61
GR	162	Max WS	TR030_D650	240.31	89.92	95.04		95.53	0.003627	3.09	77.89	29.38	0.61
GR	162	Max WS	TR030_D700	238.02	89.92	95.02		95.50	0.003627	3.08	77.36	29.31	0.60
GR	161	Max WS	TR030_D450	238.96	89.51	94.82		95.13	0.002363	2.48	96.49	37.78	0.49
GR	161	Max WS	TR030_D350	233.57	89.51	94.77		95.08	0.002365	2.46	94.87	37.50	0.49
GR	161	Max WS	TR030_D400	236.99	89.51	94.80		95.11	0.002366	2.47	95.86	37.67	0.49
GR	161	Max WS	TR030_D500	241.25	89.51	94.83		95.15	0.002362	2.48	97.17	37.90	0.50
GR	161	Max WS	TR030_D550	242.09	89.51	94.84		95.16	0.002362	2.49	97.41	37.95	0.50
GR	161	Max WS	TR030_D600	241.69	89.51	94.84		95.15	0.002361	2.48	97.31	37.93	0.50
GR	161	Max WS	TR030_D650	240.30	89.51	94.83		95.14	0.002361	2.48	96.90	37.86	0.49
GR	161	Max WS	TR030_D700	238.01	89.51	94.81		95.12	0.002360	2.47	96.25	37.74	0.49
GR	160	Max WS	TR030_D450	238.96	89.81	94.60		95.15	0.004947	3.29	72.56	31.59	0.69
GR	160	Max WS	TR030_D350	233.57	89.81	94.56		95.11	0.004937	3.28	71.23	31.13	0.69
GR	160	Max WS	TR030_D400	236.99	89.81	94.58		95.14	0.004951	3.29	72.03	31.40	0.69
GR	160	Max WS	TR030_D500	241.25	89.81	94.62		95.17	0.004954	3.30	73.11	31.77	0.69
GR	160	Max WS	TR030_D550	242.09	89.81	94.63		95.18	0.004954	3.30	73.32	31.85	0.69
GR	160	Max WS	TR030_D600	241.68	89.81	94.62		95.18	0.004951	3.30	73.23	31.82	0.69
GR	160	Max WS	TR030_D650	240.29	89.81	94.61		95.17	0.004947	3.30	72.91	31.70	0.69
GR	160	Max WS	TR030_D700	238.01	89.81	94.60		95.15	0.004937	3.29	72.38	31.52	0.69
GR	159	Max WS	TR030_D450	238.95	89.45	94.36		94.84	0.003837	3.06	78.09	31.41	0.62
GR	159	Max WS	TR030_D350	233.57	89.45	94.32		94.79	0.003858	3.04	76.76	31.26	0.62
GR	159	Max WS	TR030_D400	236.99	89.45	94.34		94.82	0.003853	3.06	77.55	31.35	0.62
GR	159	Max WS	TR030_D500	241.25	89.45	94.38		94.86	0.003832	3.07	78.64	31.47	0.62
GR	159	Max WS	TR030_D550	242.09	89.45	94.39		94.87	0.003828	3.07	78.85	31.49	0.62
GR	159	Max WS	TR030_D600	241.68	89.45	94.38		94.86	0.003828	3.07	78.77	31.49	0.62
GR	159	Max WS	TR030_D650	240.29	89.45	94.37		94.85	0.003829	3.06	78.45	31.45	0.62
GR	159	Max WS	TR030_D700	238.00	89.45	94.36		94.83	0.003832	3.05	77.92	31.39	0.62
GR	158	Max WS	TR030_D450	238.95	89.57	94.14		94.69	0.004782	3.30	72.37	30.47	0.68
GR	158	Max WS	TR030_D350	233.57	89.57	94.09		94.64	0.004816	3.29	71.07	30.29	0.69
GR	158	Max WS	TR030_D400	236.99	89.57	94.12		94.67	0.004808	3.30	71.83	30.39	0.69
GR	158	Max WS	TR030_D500	241.25	89.57	94.15		94.71	0.004773	3.31	72.90	30.54	0.68
GR	158	Max WS	TR030_D550	242.09	89.57	94.16		94.72	0.004767	3.31	73.11	30.57	0.68
GR	158	Max WS	TR030_D600	241.67	89.57	94.16		94.71	0.004767	3.31	73.03	30.56	0.68
GR	158	Max WS	TR030_D650	240.29	89.57	94.15		94.70	0.004768	3.30	72.73	30.52	0.68
GR	158	Max WS	TR030_D700	238.00	89.57	94.13		94.68	0.004774	3.30	72.22	30.45	0.68
GR	157	Max WS	TR030_D450	238.93	89.08	93.90		94.53	0.005117	3.51	68.07	27.02	0.71
GR	157	Max WS	TR030_D350	233.57	89.08	93.85		94.48	0.005127	3.49	66.91	26.81	0.71
GR	157	Max WS	TR030_D400	236.99	89.08	93.88		94.51	0.005138	3.51	67.57	26.93	0.71
GR	157	Max WS	TR030_D500	241.23	89.08	93.91		94.55	0.005118	3.52	68.54	27.10	0.71
GR	157	Max WS	TR030_D550	242.07	89.08	93.92		94.55	0.005116	3.52	68.72	27.13	0.71
GR	157	Max WS	TR030_D600	241.67	89.08	93.92		94.55	0.005113	3.52	68.65	27.12	0.71
GR	157	Max WS	TR030_D650	240.28	89.08	93.91		94.54	0.005109	3.51	68.39	27.07	0.71
GR	157	Max WS	TR030_D700	237.99	89.08	93.89		94.52	0.005101	3.50	67.95	26.99	0.70
GR	156	Max WS	TR030_D450	238.91	89.01	93.68	92.94	94.47	0.005488	3.93	60.79	21.88	0.74
GR	156	Max WS	TR030_D350	233.57	89.01	93.64	92.89	94.42	0.005411	3.90	59.93	21.54	0.73
GR	156	Max WS	TR030_D400	236.99	89.01	93.66	92.92	94.45	0.005508	3.92	60.39	21.82	0.74
GR	156	Max WS	TR030_D500	241.20	89.01	93.70	92.96	94.49	0.005500	3.95	61.13	21.93	0.74
GR	156	Max WS	TR030_D550	242.05	89.01	93.71	92.97	94.50	0.005504	3.95	61.26	21.95	0.74
GR	156	Max WS	TR030_D600	241.63	89.01	93.70	92.96	94.50	0.005495	3.95	61.22	21.94	0.74
GR	156	Max WS	TR030_D650	240.25	89.01	93.69	92.95	94.48	0.005483	3.94	61.03	21.92	0.74
GR	156	Max WS	TR030_D700	237.98	89.01	93.68	92.93	94.46	0.005463	3.92	60.72	21.87	0.74
GR	155			Bridge									
GR	154	Max WS	TR030_D450	238.93	88.93	93.86		94.47	0.003483	3.45	69.24	24.24	0.61
GR	154	Max WS	TR030_D350	233.57	88.93	93.82		94.41	0.003479	3.42	68.33	24.12	0.61
GR	154	Max WS	TR030_D400	236.99	88.93	93.84		94.44	0.003491	3.44	68.85	24.19	0.61
GR	154	Max WS	TR030_D500	241.24	88.93	93.88		94.49	0.003487	3.47	69.61	24.28	0.61
GR	154	Max WS	TR030_D550	242.07	88.93	93.88		94.50	0.003488	3.47	69.75	24.30	0.61
GR	154	Max WS	TR030_D600	241.68	88.93	93.88		94.49	0.003485	3.47	69.70	24.29	0.61
GR	154	Max WS	TR030_D650	240.29	88.93	93.87		94.48	0.003479	3.46	69.50	24.27	0.61
GR	154	Max WS	TR030_D700	238.00	88.93	93.85		94.46	0.003471	3.44	69.15	24.23	0.61
GR	153.7			Lat Struct									
GR	153	Max WS	TR030_D450	238.92	88.74	93.77	92.13	94.13	0.001905	2.63	90.86	35.95	0.46
GR	153	Max WS	TR030_D350	233.57	88.74	93.73	92.09	94.08	0.001880	2.60	89.73	35.63	0.45
GR	153	Max WS	TR030_D400	236.99	88.74	93.75	92.12	94.11	0.001900	2.62	90.37	35.81	0.46

HEC-RAS River: Greve Reach: GR 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
GR	153	Max WS	TR030_D500	241.24	88.74	93.79	92.14	94.15	0.001917	2.64	91.32	36.08	0.46
GR	153	Max WS	TR030_D550	242.07	88.74	93.80	92.15	94.15	0.001920	2.85	91.50	36.12	0.46
GR	153	Max WS	TR030_D600	241.66	88.74	93.79	92.14	94.15	0.001917	2.64	91.43	36.11	0.46
GR	153	Max WS	TR030_D650	240.29	88.74	93.78	92.14	94.14	0.001909	2.64	91.18	36.03	0.46
GR	153	Max WS	TR030_D700	238.00	88.74	93.77	92.12	94.12	0.001896	2.62	90.75	35.92	0.46
GR	152			Bridge									
GR	151	Max WS	TR030_D450	238.93	89.07	93.78		94.10	0.002114	2.52	94.97	43.06	0.48
GR	151	Max WS	TR030_D350	233.57	89.07	93.73		94.05	0.002102	2.50	93.39	42.63	0.48
GR	151	Max WS	TR030_D400	236.99	89.07	93.76		94.08	0.002115	2.51	94.30	42.88	0.48
GR	151	Max WS	TR030_D500	241.23	89.07	93.80		94.12	0.002121	2.52	95.62	43.24	0.48
GR	151	Max WS	TR030_D550	242.07	89.07	93.80		94.13	0.002123	2.53	95.86	43.31	0.48
GR	151	Max WS	TR030_D600	241.66	89.07	93.80		94.13	0.002120	2.52	95.77	43.28	0.48
GR	151	Max WS	TR030_D650	240.28	89.07	93.79		94.11	0.002114	2.52	95.42	43.19	0.48
GR	151	Max WS	TR030_D700	238.00	89.07	93.77		94.10	0.002105	2.51	94.83	43.02	0.48
GR	150.9			Lat Struct									
GR	150.7			Lat Struct									
GR	150	Max WS	TR030_D450	238.90	88.58	93.63		94.12	0.004326	3.09	77.41	33.03	0.64
GR	150	Max WS	TR030_D350	233.57	88.58	93.58		94.07	0.004413	3.08	75.82	32.99	0.65
GR	150	Max WS	TR030_D400	236.98	88.58	93.61		94.10	0.004381	3.09	76.70	33.01	0.65
GR	150	Max WS	TR030_D500	241.22	88.58	93.65		94.14	0.004299	3.09	78.04	33.05	0.64
GR	150	Max WS	TR030_D550	242.06	88.58	93.66		94.14	0.004286	3.09	78.29	33.06	0.64
GR	150	Max WS	TR030_D600	241.65	88.58	93.65		94.14	0.004287	3.09	78.20	33.06	0.64
GR	150	Max WS	TR030_D650	240.27	88.58	93.64		94.13	0.004296	3.09	77.86	33.05	0.64
GR	150	Max WS	TR030_D700	237.98	88.58	93.63		94.11	0.004315	3.08	77.28	33.03	0.64
GR	149	Max WS	TR030_D450	238.87	88.55	93.41		93.87	0.003964	3.00	79.72	35.09	0.63
GR	149	Max WS	TR030_D350	233.57	88.55	93.36		93.82	0.003989	2.99	78.11	34.65	0.64
GR	149	Max WS	TR030_D400	236.98	88.55	93.39		93.85	0.003993	3.00	78.98	34.89	0.64
GR	149	Max WS	TR030_D500	241.19	88.55	93.43		93.89	0.003962	3.00	80.34	35.26	0.64
GR	149	Max WS	TR030_D550	242.03	88.55	93.43		93.89	0.003959	3.00	80.59	35.33	0.64
GR	149	Max WS	TR030_D600	241.64	88.55	93.43		93.89	0.003956	3.00	80.51	35.31	0.63
GR	149	Max WS	TR030_D650	240.25	88.55	93.42		93.88	0.003952	3.00	80.18	35.22	0.63
GR	149	Max WS	TR030_D700	237.96	88.55	93.41		93.86	0.003947	2.99	79.61	35.06	0.63
GR	148	Max WS	TR030_D450	238.33	88.23	93.06		93.59	0.006092	3.23	73.88	39.20	0.75
GR	148	Max WS	TR030_D350	233.23	88.23	93.01		93.55	0.006299	3.24	71.95	38.88	0.76
GR	148	Max WS	TR030_D400	236.57	88.23	93.04		93.57	0.006245	3.25	72.87	39.03	0.76
GR	148	Max WS	TR030_D500	240.56	88.23	93.08		93.61	0.006033	3.22	74.61	39.31	0.75
GR	148	Max WS	TR030_D550	241.37	88.23	93.09		93.62	0.006007	3.22	74.89	39.36	0.75
GR	148	Max WS	TR030_D600	241.04	88.23	93.09		93.61	0.006004	3.22	74.83	39.35	0.75
GR	148	Max WS	TR030_D650	239.70	88.23	93.08		93.60	0.006024	3.22	74.46	39.29	0.75
GR	148	Max WS	TR030_D700	237.51	88.23	93.06		93.59	0.006059	3.22	73.84	39.19	0.75
GR	147	Max WS	TR030_D450	238.43	88.52	92.71		93.33	0.006775	3.51	68.00	34.86	0.80
GR	147	Max WS	TR030_D350	233.47	88.52	92.64		93.28	0.007027	3.55	65.85	34.09	0.81
GR	147	Max WS	TR030_D400	235.01	88.52	92.67		93.30	0.006864	3.52	66.85	34.45	0.81
GR	147	Max WS	TR030_D500	240.53	88.52	92.73		93.35	0.006708	3.50	68.77	35.13	0.80
GR	147	Max WS	TR030_D550	241.42	88.52	92.74		93.36	0.006666	3.49	69.09	35.17	0.80
GR	147	Max WS	TR030_D600	241.20	88.52	92.73		93.36	0.006670	3.49	69.03	35.17	0.80
GR	147	Max WS	TR030_D650	239.95	88.52	92.72		93.35	0.006699	3.49	68.67	35.09	0.80
GR	147	Max WS	TR030_D700	237.72	88.52	92.71		93.33	0.006722	3.49	68.05	34.87	0.80
GR	146.90*	Max WS	TR030_D450	246.09	88.39	92.56		93.27	0.007056	3.73	66.03	31.79	0.83
GR	146.90*	Max WS	TR030_D350	237.39	88.39	92.50		93.20	0.006924	3.70	64.13	30.69	0.82
GR	146.90*	Max WS	TR030_D400	241.45	88.39	92.53		93.23	0.007001	3.71	65.01	31.25	0.82
GR	146.90*	Max WS	TR030_D500	249.20	88.39	92.59		93.30	0.007068	3.74	66.72	32.07	0.83
GR	146.90*	Max WS	TR030_D550	250.50	88.39	92.59		93.31	0.007071	3.74	67.01	32.19	0.83
GR	146.90*	Max WS	TR030_D600	250.25	88.39	92.59		93.31	0.007071	3.74	66.95	32.17	0.83
GR	146.90*	Max WS	TR030_D650	248.79	88.39	92.58		93.29	0.007065	3.73	66.63	32.03	0.83
GR	146.90*	Max WS	TR030_D700	246.34	88.39	92.57		93.27	0.007056	3.73	66.08	31.81	0.83
GR	146.80*	Max WS	TR030_D450	246.09	88.26	92.43		93.16	0.006404	3.77	65.35	28.62	0.80
GR	146.80*	Max WS	TR030_D350	237.39	88.26	92.37		93.08	0.006385	3.73	63.67	28.22	0.79
GR	146.80*	Max WS	TR030_D400	241.45	88.26	92.40		93.12	0.006394	3.75	64.46	28.41	0.79
GR	146.80*	Max WS	TR030_D500	249.20	88.26	92.45		93.18	0.006410	3.78	65.96	28.76	0.80
GR	146.80*	Max WS	TR030_D550	250.49	88.26	92.46		93.19	0.006411	3.78	66.21	28.82	0.80
GR	146.80*	Max WS	TR030_D600	250.25	88.26	92.46		93.19	0.006412	3.78	66.16	28.80	0.80
GR	146.80*	Max WS	TR030_D650	248.79	88.26	92.45		93.18	0.006409	3.78	65.88	28.74	0.80
GR	146.80*	Max WS	TR030_D700	246.33	88.26	92.43		93.16	0.006404	3.77	65.40	28.63	0.80
GR	146.70*	Max WS	TR030_D450	246.09	88.14	92.31		93.03	0.006320	3.77	65.30	28.28	0.79
GR	146.70*	Max WS	TR030_D350	237.39	88.14	92.25		92.96	0.006346	3.73	63.62	28.09	0.79
GR	146.70*	Max WS	TR030_D400	241.45	88.14	92.28		92.99	0.006335	3.75	64.40	28.18	0.79
GR	146.70*	Max WS	TR030_D500	249.20	88.14	92.33		93.06	0.006312	3.78	65.89	28.35	0.79
GR	146.70*	Max WS	TR030_D550	250.50	88.14	92.34		93.07	0.006304	3.79	66.14	28.36	0.79
GR	146.70*	Max WS	TR030_D600	250.25	88.14	92.34		93.07	0.006307	3.79	66.09	28.36	0.79
GR	146.70*	Max WS	TR030_D650	248.79	88.14	92.33		93.06	0.006312	3.78	65.81	28.34	0.79
GR	146.70*	Max WS	TR030_D700	246.33	88.14	92.31		93.04	0.006318	3.77	65.35	28.29	0.79
GR	146.60*	Max WS	TR030_D450	246.08	88.01	92.19		92.91	0.006259	3.77	65.34	28.10	0.79
GR	146.60*	Max WS	TR030_D350	237.39	88.01	92.13		92.84	0.006318	3.73	63.66	28.07	0.79
GR	146.60*	Max WS	TR030_D400	241.45	88.01	92.16		92.87	0.006292	3.75	64.44	28.08	0.79
GR	146.60*	Max WS	TR030_D500	249.20	88.01	92.21		92.94	0.006238	3.78	65.94	28.11	0.79
GR	146.60*	Max WS	TR030_D550	250.49	88.01	92.22		92.95	0.006232	3.79	66.18	28.12	0.79
GR	146.60*	Max WS	TR030_D600	250.24	88.01	92.22		92.95	0.006233	3.78	66.13	28.12	0.79
GR	146.60*	Max WS	TR030_D650	248.78	88.01	92.21		92.93	0.006240	3.78	65.86	28.11	0.79
GR	146.60*	Max WS	TR030_D700	246.33	88.01	92.19		92.91	0.006257	3.77	65.39	28.10	0.79
GR	146.50*	Max WS	TR030_D450	246.08	87.88	92.07		92.79	0.006196	3.76	65.43	27.92	0.78
GR	146.50*	Max WS	TR030_D350	237.39	87.88	92.01		92.71	0.006248	3.72	63.74	27.85	0.79
GR	146.50*	Max WS	TR030_D400	241.45	87.88	92.03		92.75	0.006219	3.74	64.53	27.86	0.79
GR	146.50*	Max WS	TR030_D500	249.19	87.88	92.09		92.81	0.006191	3.77	66.02	27.99	0.78
GR	146.50*	Max WS	TR030_D550	250.49	87.88	92.10		92.82	0.006189	3.78	66.27	28.03	0.78

HEC-RAS River: Greve Reach: GR 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
GR	146.50*	Max WS	TR030_D600	250.25	87.88	92.09		92.82	0.006188	3.78	66.23	28.02	0.78
GR	146.50*	Max WS	TR030_D650	248.78	87.88	92.08		92.81	0.006191	3.77	65.95	27.98	0.78
GR	146.50*	Max WS	TR030_D700	246.33	87.88	92.07		92.79	0.006194	3.76	65.48	27.92	0.78
GR	146.40*	Max WS	TR030_D450	246.08	87.75	91.94		92.66	0.006181	3.75	65.55	27.94	0.78
GR	146.40*	Max WS	TR030_D350	237.39	87.75	91.88		92.59	0.006195	3.72	63.85	27.70	0.78
GR	146.40*	Max WS	TR030_D400	241.45	87.75	91.91		92.62	0.006189	3.73	64.64	27.81	0.78
GR	146.40*	Max WS	TR030_D500	249.20	87.75	91.97		92.69	0.006177	3.77	66.16	28.03	0.78
GR	146.40*	Max WS	TR030_D550	250.49	87.75	91.98		92.70	0.006174	3.77	66.41	28.06	0.78
GR	146.40*	Max WS	TR030_D600	250.24	87.75	91.97		92.70	0.006177	3.77	66.36	28.06	0.78
GR	146.40*	Max WS	TR030_D650	248.78	87.75	91.96		92.69	0.006177	3.76	66.08	28.02	0.78
GR	146.40*	Max WS	TR030_D700	246.33	87.75	91.95		92.67	0.006180	3.75	65.60	27.95	0.78
GR	146.30*	Max WS	TR030_D450	246.08	87.62	91.82		92.54	0.006141	3.74	65.73	27.85	0.78
GR	146.30*	Max WS	TR030_D350	237.39	87.62	91.76		92.46	0.006194	3.71	64.01	27.77	0.78
GR	146.30*	Max WS	TR030_D400	241.44	87.62	91.79		92.50	0.006177	3.73	64.81	27.84	0.78
GR	146.30*	Max WS	TR030_D500	249.19	87.62	91.85		92.57	0.006118	3.76	66.34	27.85	0.78
GR	146.30*	Max WS	TR030_D550	250.48	87.62	91.85		92.58	0.006110	3.76	66.59	27.85	0.78
GR	146.30*	Max WS	TR030_D600	250.24	87.62	91.85		92.57	0.006110	3.76	66.55	27.85	0.78
GR	146.30*	Max WS	TR030_D650	248.78	87.62	91.84		92.56	0.006120	3.75	66.26	27.85	0.78
GR	146.30*	Max WS	TR030_D700	246.33	87.62	91.83		92.54	0.006138	3.74	65.78	27.85	0.78
GR	146.20*	Max WS	TR030_D450	246.08	87.50	91.70		92.41	0.006079	3.73	65.95	27.65	0.77
GR	146.20*	Max WS	TR030_D350	237.39	87.50	91.64		92.34	0.006147	3.70	64.22	27.64	0.77
GR	146.20*	Max WS	TR030_D400	241.44	87.50	91.67		92.37	0.006114	3.71	65.03	27.64	0.77
GR	146.20*	Max WS	TR030_D500	249.19	87.50	91.73		92.44	0.006055	3.74	66.56	27.65	0.77
GR	146.20*	Max WS	TR030_D550	250.48	87.50	91.74		92.45	0.006046	3.75	66.81	27.65	0.77
GR	146.20*	Max WS	TR030_D600	250.23	87.50	91.73		92.45	0.006049	3.75	66.76	27.65	0.77
GR	146.20*	Max WS	TR030_D650	248.78	87.50	91.72		92.44	0.006059	3.74	66.48	27.65	0.77
GR	146.20*	Max WS	TR030_D700	246.32	87.50	91.71		92.42	0.006076	3.73	66.00	27.65	0.77
GR	146.10*	Max WS	TR030_D450	246.08	87.37	91.59		92.29	0.006015	3.72	66.22	27.45	0.76
GR	146.10*	Max WS	TR030_D350	237.39	87.37	91.52		92.21	0.006083	3.68	64.48	27.44	0.77
GR	146.10*	Max WS	TR030_D400	241.44	87.37	91.55		92.25	0.006049	3.70	65.30	27.44	0.77
GR	146.10*	Max WS	TR030_D500	249.18	87.37	91.61		92.32	0.005991	3.73	66.84	27.45	0.76
GR	146.10*	Max WS	TR030_D550	250.48	87.37	91.62		92.33	0.005983	3.73	67.09	27.45	0.76
GR	146.10*	Max WS	TR030_D600	250.24	87.37	91.62		92.33	0.005983	3.73	67.05	27.45	0.76
GR	146.10*	Max WS	TR030_D650	248.78	87.37	91.60		92.31	0.005995	3.73	66.76	27.45	0.76
GR	146.10*	Max WS	TR030_D700	246.32	87.37	91.59		92.29	0.006012	3.72	66.27	27.45	0.76
GR	146	Max WS	TR030_D450	246.08	87.24	91.47		92.16	0.005957	3.70	66.52	27.25	0.76
GR	146	Max WS	TR030_D350	237.39	87.24	91.40		92.09	0.006026	3.67	64.77	27.24	0.76
GR	146	Max WS	TR030_D400	241.44	87.24	91.43		92.12	0.005990	3.68	65.60	27.24	0.76
GR	146	Max WS	TR030_D500	249.18	87.24	91.49		92.19	0.005931	3.71	67.15	27.25	0.75
GR	146	Max WS	TR030_D550	250.48	87.24	91.50		92.20	0.005922	3.72	67.41	27.25	0.75
GR	146	Max WS	TR030_D600	250.23	87.24	91.50		92.20	0.005924	3.71	67.36	27.25	0.75
GR	146	Max WS	TR030_D650	248.78	87.24	91.49		92.19	0.005935	3.71	67.07	27.25	0.75
GR	146	Max WS	TR030_D700	246.32	87.24	91.47		92.17	0.005953	3.70	66.58	27.25	0.76
GR	145.90*	Max WS	TR030_D450	246.07	87.10	91.35		92.05	0.005709	3.69	66.60	26.47	0.74
GR	145.90*	Max WS	TR030_D350	237.39	87.10	91.29		91.97	0.005766	3.66	64.86	26.44	0.75
GR	145.90*	Max WS	TR030_D400	241.43	87.10	91.32		92.01	0.005738	3.68	65.68	26.45	0.75
GR	145.90*	Max WS	TR030_D500	249.18	87.10	91.38		92.08	0.005689	3.71	67.22	26.49	0.74
GR	145.90*	Max WS	TR030_D550	250.48	87.10	91.39		92.09	0.005680	3.71	67.48	26.49	0.74
GR	145.90*	Max WS	TR030_D600	250.23	87.10	91.38		92.09	0.005682	3.71	67.43	26.49	0.74
GR	145.90*	Max WS	TR030_D650	248.77	87.10	91.37		92.07	0.005691	3.71	67.14	26.48	0.74
GR	145.90*	Max WS	TR030_D700	246.32	87.10	91.35		92.05	0.005708	3.70	66.64	26.47	0.74
GR	145.80*	Max WS	TR030_D450	246.07	86.96	91.24		91.94	0.005522	3.69	66.68	25.74	0.73
GR	145.80*	Max WS	TR030_D350	237.39	86.96	91.18		91.86	0.005571	3.65	64.96	25.72	0.73
GR	145.80*	Max WS	TR030_D400	241.44	86.96	91.21		91.89	0.005547	3.67	65.77	25.73	0.73
GR	145.80*	Max WS	TR030_D500	249.18	86.96	91.27		91.96	0.005503	3.70	67.30	25.75	0.73
GR	145.80*	Max WS	TR030_D550	250.47	86.96	91.28		91.98	0.005494	3.71	67.56	25.75	0.73
GR	145.80*	Max WS	TR030_D600	250.23	86.96	91.27		91.97	0.005496	3.71	67.51	25.75	0.73
GR	145.80*	Max WS	TR030_D650	248.77	86.96	91.26		91.96	0.005505	3.70	67.22	25.74	0.73
GR	145.80*	Max WS	TR030_D700	246.31	86.96	91.24		91.94	0.005519	3.69	66.73	25.74	0.73
GR	145.70*	Max WS	TR030_D450	246.07	86.82	91.14		91.83	0.005356	3.69	66.74	25.06	0.72
GR	145.70*	Max WS	TR030_D350	237.39	86.82	91.07		91.75	0.005398	3.65	65.04	25.04	0.72
GR	145.70*	Max WS	TR030_D400	241.43	86.82	91.10		91.78	0.005377	3.67	65.84	25.05	0.72
GR	145.70*	Max WS	TR030_D500	249.18	86.82	91.16		91.86	0.005340	3.70	67.35	25.07	0.72
GR	145.70*	Max WS	TR030_D550	250.47	86.82	91.17		91.87	0.005334	3.70	67.61	25.07	0.72
GR	145.70*	Max WS	TR030_D600	250.22	86.82	91.17		91.87	0.005335	3.70	67.56	25.07	0.72
GR	145.70*	Max WS	TR030_D650	248.77	86.82	91.16		91.85	0.005341	3.70	67.28	25.07	0.72
GR	145.70*	Max WS	TR030_D700	246.31	86.82	91.14		91.83	0.005353	3.69	66.80	25.06	0.72
GR	145.60*	Max WS	TR030_D450	246.07	86.68	91.03		91.72	0.005215	3.69	66.75	24.42	0.71
GR	145.60*	Max WS	TR030_D350	237.38	86.68	90.96		91.64	0.005249	3.65	65.07	24.40	0.71
GR	145.60*	Max WS	TR030_D400	241.43	86.68	91.00		91.68	0.005231	3.67	65.86	24.41	0.71
GR	145.60*	Max WS	TR030_D500	249.17	86.68	91.06		91.75	0.005202	3.70	67.35	24.42	0.71
GR	145.60*	Max WS	TR030_D550	250.46	86.68	91.07		91.77	0.005196	3.70	67.61	24.43	0.71
GR	145.60*	Max WS	TR030_D600	250.22	86.68	91.06		91.76	0.005196	3.70	67.56	24.43	0.71
GR	145.60*	Max WS	TR030_D650	248.77	86.68	91.05		91.75	0.005203	3.70	67.28	24.42	0.71
GR	145.60*	Max WS	TR030_D700	246.31	86.68	91.03		91.73	0.005213	3.69	66.80	24.42	0.71
GR	145.50*	Max WS	TR030_D450	246.06	86.54	90.93		91.62	0.005101	3.69	66.69	23.79	0.70
GR	145.50*	Max WS	TR030_D350	237.39	86.54	90.86		91.54	0.005125	3.65	65.04	23.77	0.70
GR	145.50*	Max WS	TR030_D400	241.43	86.54	90.89		91.58	0.005112	3.67	65.82	23.78	0.70
GR	145.50*	Max WS	TR030_D500	249.17	86.54	90.96		91.65	0.005090	3.70	67.28	23.80	0.70
GR	145.50*	Max WS	TR030_D550	250.46	86.54	90.97		91.67	0.005086	3.71	67.53	23.80	0.70
GR	145.50*	Max WS	TR030_D600	250.22	86.54	90.96		91.66	0.005086	3.71	67.48	23.80	0.70
GR	145.50*	Max WS	TR030_D650	248.76	86.54	90.95		91.65	0.005091	3.70	67.21	23.80	0.70
GR	145.50*	Max WS	TR030_D700	246.31	86.54	90.93		91.63	0.005099	3.69	66.74	23.79	0.70
GR	145.40*	Max WS	TR030_D450	246.05	86.41	90.83		91.53	0.005026	3.70	66.55	23.31	0.70
GR	145.40*	Max WS	TR030_D350	237.39	86.41	90.76		91.44	0.005039	3.66	64.93	23.25	0.70
GR	145.40*	Max WS	TR030_D400	241.43	86.41	90.79		91.48	0.005033	3.68	65.69	23.28	0.70
GR	145.40*	Max WS	TR030_D500	249.16	86.41	90.86		91.56	0.005020	3.71	67.13	23.33	0.70

HEC-RAS River: Greve Reach: GR 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
GR	145.40*	Max WS	TR030_D550	250.46	86.41	90.87		91.57	0.005017	3.72	67.37	23.34	0.70
GR	145.40*	Max WS	TR030_D600	250.22	86.41	90.86		91.57	0.005017	3.72	67.33	23.33	0.70
GR	145.40*	Max WS	TR030_D650	248.76	86.41	90.85		91.55	0.005020	3.71	67.06	23.32	0.70
GR	145.40*	Max WS	TR030_D700	246.31	86.41	90.83		91.53	0.005025	3.70	66.60	23.31	0.70
GR	145.30*	Max WS	TR030_D450	246.05	86.27	90.73		91.43	0.004976	3.71	66.35	22.85	0.70
GR	145.30*	Max WS	TR030_D350	237.39	86.27	90.66		91.35	0.004982	3.67	64.76	22.80	0.69
GR	145.30*	Max WS	TR030_D400	241.43	86.27	90.70		91.39	0.004979	3.69	65.50	22.82	0.69
GR	145.30*	Max WS	TR030_D500	249.16	86.27	90.76		91.46	0.004973	3.72	66.92	22.87	0.70
GR	145.30*	Max WS	TR030_D550	250.46	86.27	90.77		91.48	0.004970	3.73	67.16	22.88	0.70
GR	145.30*	Max WS	TR030_D600	250.21	86.27	90.77		91.47	0.004971	3.73	67.11	22.88	0.70
GR	145.30*	Max WS	TR030_D650	248.76	86.27	90.75		91.46	0.004973	3.72	66.85	22.87	0.70
GR	145.30*	Max WS	TR030_D700	246.30	86.27	90.73		91.44	0.004975	3.71	66.40	22.85	0.69
GR	145.20*	Max WS	TR030_D450	246.05	86.13	90.63		91.34	0.004952	3.72	66.08	22.40	0.69
GR	145.20*	Max WS	TR030_D350	237.38	86.13	90.57		91.26	0.004951	3.68	64.52	22.35	0.69
GR	145.20*	Max WS	TR030_D400	241.42	86.13	90.60		91.30	0.004949	3.70	65.26	22.37	0.69
GR	145.20*	Max WS	TR030_D500	249.16	86.13	90.66		91.37	0.004949	3.74	66.65	22.42	0.69
GR	145.20*	Max WS	TR030_D550	250.45	86.13	90.67		91.39	0.004949	3.74	66.88	22.43	0.69
GR	145.20*	Max WS	TR030_D600	250.21	86.13	90.67		91.38	0.004949	3.74	66.84	22.43	0.69
GR	145.20*	Max WS	TR030_D650	248.76	86.13	90.66		91.37	0.004950	3.74	66.57	22.42	0.69
GR	145.20*	Max WS	TR030_D700	246.30	86.13	90.64		91.34	0.004950	3.72	66.13	22.40	0.69
GR	145.10*	Max WS	TR030_D450	246.04	85.99	90.54		91.25	0.004997	3.74	65.74	22.16	0.69
GR	145.10*	Max WS	TR030_D350	237.38	85.99	90.47		91.16	0.004976	3.70	64.21	22.03	0.69
GR	145.10*	Max WS	TR030_D400	241.42	85.99	90.50		91.20	0.004983	3.72	64.93	22.09	0.69
GR	145.10*	Max WS	TR030_D500	249.15	85.99	90.56		91.28	0.005003	3.76	66.30	22.21	0.69
GR	145.10*	Max WS	TR030_D550	250.45	85.99	90.57		91.29	0.005004	3.76	66.53	22.23	0.69
GR	145.10*	Max WS	TR030_D600	250.20	85.99	90.57		91.29	0.005004	3.76	66.48	22.23	0.69
GR	145.10*	Max WS	TR030_D650	248.75	85.99	90.56		91.28	0.005001	3.76	66.23	22.20	0.69
GR	145.10*	Max WS	TR030_D700	246.30	85.99	90.54		91.25	0.004997	3.74	65.79	22.16	0.69
GR	145	Max WS	TR030_D450	246.03	85.85	90.44		91.16	0.005090	3.76	65.36	22.01	0.70
GR	145	Max WS	TR030_D350	237.38	85.85	90.37		91.07	0.005067	3.72	63.85	21.88	0.70
GR	145	Max WS	TR030_D400	241.42	85.85	90.40		91.11	0.005076	3.74	64.56	21.95	0.70
GR	145	Max WS	TR030_D500	249.14	85.85	90.46		91.19	0.005096	3.78	65.91	22.06	0.70
GR	145	Max WS	TR030_D550	250.44	85.85	90.47		91.20	0.005098	3.79	66.14	22.08	0.70
GR	145	Max WS	TR030_D600	250.20	85.85	90.47		91.20	0.005097	3.79	66.10	22.08	0.70
GR	145	Max WS	TR030_D650	248.75	85.85	90.46		91.19	0.005094	3.78	65.84	22.06	0.70
GR	145	Max WS	TR030_D700	246.30	85.85	90.44		91.16	0.005089	3.77	65.42	22.02	0.70
GR	144	Max WS	TR030_D450	245.95	85.62	89.58	88.84	90.27	0.005561	3.67	67.03	22.70	0.67
GR	144	Max WS	TR030_D350	237.37	85.62	89.52	88.78	90.19	0.005527	3.62	65.63	22.69	0.66
GR	144	Max WS	TR030_D400	241.37	85.62	89.55	88.81	90.23	0.005538	3.64	66.31	22.70	0.66
GR	144	Max WS	TR030_D500	249.07	85.62	89.61	88.86	90.30	0.005572	3.69	67.55	22.71	0.67
GR	144	Max WS	TR030_D550	250.37	85.62	89.62	88.87	90.31	0.005575	3.69	67.76	22.71	0.67
GR	144	Max WS	TR030_D600	250.11	85.62	89.62	88.86	90.31	0.005573	3.69	67.72	22.71	0.67
GR	144	Max WS	TR030_D650	248.70	85.62	89.60	88.86	90.30	0.005572	3.69	67.48	22.71	0.67
GR	144	Max WS	TR030_D700	246.25	85.62	89.59	88.84	90.27	0.005562	3.67	67.08	22.70	0.67
GR	143		Bridge										
GR	142	Max WS	TR030_D450	245.97	85.58	89.59		90.25	0.005567	3.80	68.35	23.80	0.66
GR	142	Max WS	TR030_D350	237.37	85.58	89.52		90.16	0.005583	3.56	66.73	23.79	0.66
GR	142	Max WS	TR030_D400	241.37	85.58	89.55		90.20	0.005575	3.58	67.48	23.79	0.66
GR	142	Max WS	TR030_D500	249.07	85.58	89.61		90.28	0.005558	3.61	68.95	23.80	0.66
GR	142	Max WS	TR030_D550	250.38	85.58	89.62		90.29	0.005554	3.62	69.20	23.81	0.66
GR	142	Max WS	TR030_D600	250.14	85.58	89.62		90.29	0.005554	3.62	69.15	23.81	0.66
GR	142	Max WS	TR030_D650	248.68	85.58	89.61		90.27	0.005558	3.61	68.88	23.80	0.66
GR	142	Max WS	TR030_D700	246.25	85.58	89.59		90.25	0.005566	3.80	68.40	23.80	0.66
GR	141	Max WS	TR030_D450	245.94	85.56	89.38	87.37	89.50	0.000635	1.52	161.37	53.17	0.26
GR	141	Max WS	TR030_D350	237.36	85.56	89.32	87.34	89.43	0.000631	1.50	158.13	53.15	0.26
GR	141	Max WS	TR030_D400	241.36	85.56	89.35	87.35	89.47	0.000633	1.51	159.66	53.16	0.26
GR	141	Max WS	TR030_D500	249.03	85.56	89.41	87.38	89.53	0.000636	1.53	162.58	53.18	0.26
GR	141	Max WS	TR030_D550	250.33	85.56	89.42	87.39	89.54	0.000637	1.53	163.08	53.19	0.26
GR	141	Max WS	TR030_D600	250.09	85.56	89.42	87.38	89.54	0.000637	1.53	163.00	53.19	0.26
GR	141	Max WS	TR030_D650	248.66	85.56	89.41	87.38	89.53	0.000636	1.53	162.44	53.18	0.26
GR	141	Max WS	TR030_D700	246.23	85.56	89.39	87.37	89.51	0.000635	1.52	161.49	53.17	0.26
GR	140		Bridge										
GR	139	Max WS	TR030_D450	245.94	85.09	89.42		89.50	0.000439	1.26	195.46	61.62	0.22
GR	139	Max WS	TR030_D350	237.36	85.09	89.35		89.43	0.000437	1.24	191.39	61.59	0.22
GR	139	Max WS	TR030_D400	241.36	85.09	89.38		89.46	0.000438	1.25	193.29	61.60	0.22
GR	139	Max WS	TR030_D500	249.03	85.09	89.45		89.53	0.000439	1.26	196.96	61.63	0.22
GR	139	Max WS	TR030_D550	250.35	85.09	89.46		89.54	0.000439	1.27	197.59	61.63	0.22
GR	139	Max WS	TR030_D600	250.09	85.09	89.46		89.54	0.000439	1.27	197.48	61.63	0.22
GR	139	Max WS	TR030_D650	248.67	85.09	89.44		89.53	0.000439	1.26	196.78	61.63	0.22
GR	139	Max WS	TR030_D700	246.22	85.09	89.42		89.50	0.000439	1.26	195.60	61.62	0.22
GR	138.6	Max WS	TR030_D450	245.95	85.09	89.42		89.50	0.000405	1.21	203.73	61.62	0.21
GR	138.6	Max WS	TR030_D350	237.37	85.09	89.35		89.42	0.000404	1.19	199.45	61.59	0.21
GR	138.6	Max WS	TR030_D400	241.35	85.09	89.38		89.46	0.000405	1.20	201.44	61.60	0.21
GR	138.6	Max WS	TR030_D500	249.02	85.09	89.45		89.52	0.000405	1.21	205.31	61.63	0.21
GR	138.6	Max WS	TR030_D550	250.35	85.09	89.46		89.53	0.000405	1.22	205.96	61.63	0.21
GR	138.6	Max WS	TR030_D600	250.10	85.09	89.46		89.53	0.000405	1.21	205.85	61.63	0.21
GR	138.6	Max WS	TR030_D650	248.65	85.09	89.44		89.52	0.000405	1.21	205.12	61.63	0.21
GR	138.6	Max WS	TR030_D700	246.22	85.09	89.42		89.50	0.000405	1.21	203.88	61.62	0.21
GR	138.5		Lat Struct										
GR	138	Max WS	TR030_D450	245.80	84.79	89.07		89.49	0.002397	2.87	85.60	26.16	0.51
GR	138	Max WS	TR030_D350	237.28	84.79	89.01		89.42	0.002372	2.83	83.86	26.07	0.50
GR	138	Max WS	TR030_D400	241.25	84.79	89.04		89.45	0.002383	2.85	84.67	26.11	0.51
GR	138	Max WS	TR030_D500	248.85	84.79	89.10		89.52	0.002403	2.89	86.24	26.19	0.51
GR	138	Max WS	TR030_D550	250.15	84.79	89.11		89.54	0.002406	2.89	86.51	26.21	0.51
GR	138	Max WS	TR030_D600	249.90	84.79	89.11		89.53	0.002405	2.89	86.47	26.21	0.51

HEC-RAS River: Greve Reach: GR 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
GR	138	Max WS	TR030_D650	248.48	84.79	89.10		89.52	0.002402	2.88	86.17	26.19	0.51
GR	138	Max WS	TR030_D700	246.07	84.79	89.08		89.50	0.002397	2.87	85.66	26.16	0.51
GR	137.2	Max WS	TR030_D450	245.66	84.71	88.69		88.96	0.001486	2.29	107.25	33.41	0.41
GR	137.2	Max WS	TR030_D350	237.25	84.71	88.63		88.89	0.001471	2.26	105.21	33.40	0.41
GR	137.2	Max WS	TR030_D400	241.16	84.71	88.66		88.92	0.001478	2.27	106.16	33.41	0.41
GR	137.2	Max WS	TR030_D500	248.67	84.71	88.72		88.99	0.001489	2.30	108.03	33.42	0.41
GR	137.2	Max WS	TR030_D550	249.96	84.71	88.73		89.00	0.001491	2.31	108.35	33.42	0.41
GR	137.2	Max WS	TR030_D600	249.72	84.71	88.72		89.00	0.001490	2.31	108.30	33.42	0.41
GR	137.2	Max WS	TR030_D650	248.32	84.71	88.71		88.98	0.001489	2.30	107.94	33.41	0.41
GR	137.2	Max WS	TR030_D700	245.94	84.71	88.70		88.96	0.001486	2.29	107.33	33.41	0.41
GR	137	Max WS	TR030_D450	245.64	84.71	88.65	87.18	88.97	0.001854	2.51	97.92	33.40	0.45
GR	137	Max WS	TR030_D350	237.26	84.71	88.59	87.13	88.90	0.001833	2.47	96.03	33.31	0.45
GR	137	Max WS	TR030_D400	241.16	84.71	88.62	87.15	88.93	0.001844	2.49	96.92	33.39	0.45
GR	137	Max WS	TR030_D500	248.66	84.71	88.67	87.20	89.00	0.001857	2.52	98.65	33.41	0.45
GR	137	Max WS	TR030_D550	249.96	84.71	88.68	87.20	89.01	0.001859	2.53	98.95	33.41	0.45
GR	137	Max WS	TR030_D600	249.72	84.71	88.68	87.20	89.01	0.001858	2.53	98.90	33.41	0.45
GR	137	Max WS	TR030_D650	248.31	84.71	88.67	87.19	88.99	0.001857	2.52	98.56	33.41	0.45
GR	137	Max WS	TR030_D700	245.94	84.71	88.65	87.18	88.97	0.001854	2.51	98.00	33.40	0.45
GR	136		Bridge										
GR	135	Max WS	TR030_D450	245.65	84.50	88.65		88.95	0.001624	2.40	102.16	33.40	0.43
GR	135	Max WS	TR030_D350	237.25	84.50	88.59		88.88	0.001604	2.37	100.27	33.38	0.42
GR	135	Max WS	TR030_D400	241.17	84.50	88.62		88.91	0.001614	2.38	101.16	33.39	0.42
GR	135	Max WS	TR030_D500	248.67	84.50	88.68		88.97	0.001628	2.42	102.89	33.40	0.43
GR	135	Max WS	TR030_D550	249.95	84.50	88.68		88.98	0.001630	2.42	103.20	33.40	0.43
GR	135	Max WS	TR030_D600	249.72	84.50	88.68		88.98	0.001630	2.42	103.14	33.40	0.43
GR	135	Max WS	TR030_D650	248.31	84.50	88.67		88.97	0.001627	2.42	102.81	33.40	0.43
GR	135	Max WS	TR030_D700	245.94	84.50	88.65		88.95	0.001624	2.41	102.24	33.40	0.43
GR	134.9		Lat Struct										
GR	134.85		Lat Struct										
GR	134.8	Max WS	TR030_D450	245.64	84.50	88.66		88.91	0.001363	2.23	110.14	33.40	0.39
GR	134.8	Max WS	TR030_D350	237.25	84.50	88.60		88.84	0.001346	2.19	108.13	33.38	0.39
GR	134.8	Max WS	TR030_D400	241.16	84.50	88.62		88.87	0.001354	2.21	109.06	33.39	0.39
GR	134.8	Max WS	TR030_D500	248.67	84.50	88.68		88.94	0.001367	2.24	110.90	33.40	0.39
GR	134.8	Max WS	TR030_D550	249.95	84.50	88.69		88.95	0.001369	2.25	111.23	33.40	0.39
GR	134.8	Max WS	TR030_D600	249.72	84.50	88.69		88.95	0.001368	2.25	111.18	33.40	0.39
GR	134.8	Max WS	TR030_D650	248.31	84.50	88.68		88.93	0.001366	2.24	110.82	33.40	0.39
GR	134.8	Max WS	TR030_D700	245.94	84.50	88.66		88.91	0.001363	2.23	110.21	33.40	0.39
GR	134	Max WS	TR030_D450	245.63	84.18	88.41		88.75	0.002170	2.58	95.21	32.60	0.48
GR	134	Max WS	TR030_D350	237.25	84.18	88.35		88.68	0.002137	2.54	93.36	32.33	0.48
GR	134	Max WS	TR030_D400	241.15	84.18	88.38		88.71	0.002153	2.56	94.21	32.45	0.48
GR	134	Max WS	TR030_D500	248.64	84.18	88.43		88.77	0.002192	2.59	95.90	32.85	0.48
GR	134	Max WS	TR030_D550	249.93	84.18	88.44		88.78	0.002208	2.60	96.20	33.05	0.49
GR	134	Max WS	TR030_D600	249.71	84.18	88.43		88.78	0.002205	2.60	96.15	33.02	0.49
GR	134	Max WS	TR030_D650	248.30	84.18	88.42		88.77	0.002188	2.59	95.82	32.80	0.48
GR	134	Max WS	TR030_D700	245.92	84.18	88.41		88.75	0.002171	2.58	95.28	32.61	0.48
GR	133	Max WS	TR030_D450	238.15	84.19	88.22		88.56	0.002298	2.57	92.81	33.43	0.49
GR	133	Max WS	TR030_D350	230.55	84.19	88.17		88.49	0.002289	2.53	90.96	33.34	0.49
GR	133	Max WS	TR030_D400	234.10	84.19	88.19		88.52	0.002293	2.55	91.83	33.38	0.49
GR	133	Max WS	TR030_D500	240.93	84.19	88.24		88.58	0.002301	2.58	93.48	33.47	0.49
GR	133	Max WS	TR030_D550	242.11	84.19	88.25		88.59	0.002302	2.58	93.77	33.48	0.49
GR	133	Max WS	TR030_D600	241.91	84.19	88.25		88.59	0.002301	2.58	93.73	33.48	0.49
GR	133	Max WS	TR030_D650	240.62	84.19	88.24		88.58	0.002300	2.58	93.41	33.46	0.49
GR	133	Max WS	TR030_D700	238.42	84.19	88.22		88.56	0.002298	2.57	92.88	33.44	0.49
GR	132	Max WS	TR030_D450	238.40	84.34	88.17	87.01	88.37	0.001687	1.99	119.78	50.01	0.41
GR	132	Max WS	TR030_D350	230.73	84.34	88.11	86.97	88.31	0.001699	1.97	117.04	49.91	0.41
GR	132	Max WS	TR030_D400	234.31	84.34	88.14	86.99	88.34	0.001693	1.98	118.33	49.95	0.41
GR	132	Max WS	TR030_D500	241.21	84.34	88.19	87.02	88.39	0.001682	2.00	120.77	50.04	0.41
GR	132	Max WS	TR030_D550	242.40	84.34	88.19	87.03	88.40	0.001680	2.00	121.19	50.06	0.41
GR	132	Max WS	TR030_D600	242.19	84.34	88.19	87.03	88.40	0.001681	2.00	121.12	50.05	0.41
GR	132	Max WS	TR030_D650	240.89	84.34	88.18	87.02	88.39	0.001683	2.00	120.66	50.04	0.41
GR	132	Max WS	TR030_D700	238.68	84.34	88.17	87.01	88.37	0.001686	1.99	119.88	50.01	0.41
GR	131.5		Inl Struct										
GR	131	Max WS	TR030_D450	238.39	82.21	86.75		86.87	0.000753	1.51	157.84	54.10	0.28
GR	131	Max WS	TR030_D350	230.73	82.21	86.69		86.80	0.000757	1.49	154.36	54.09	0.28
GR	131	Max WS	TR030_D400	234.31	82.21	86.72		86.83	0.000754	1.50	156.04	54.09	0.28
GR	131	Max WS	TR030_D500	241.21	82.21	86.77		86.89	0.000751	1.52	159.12	54.10	0.28
GR	131	Max WS	TR030_D550	242.40	82.21	86.79		86.90	0.000750	1.52	159.70	54.11	0.28
GR	131	Max WS	TR030_D600	242.15	82.21	86.78		86.90	0.000749	1.52	159.67	54.11	0.28
GR	131	Max WS	TR030_D650	240.85	82.21	86.77		86.89	0.000748	1.51	159.14	54.10	0.28
GR	131	Max WS	TR030_D700	238.63	82.21	86.76		86.87	0.000748	1.51	158.22	54.10	0.28
GR	130	Max WS	TR030_D450	245.49	81.49	86.54		86.84	0.002403	2.42	101.36	42.09	0.50
GR	130	Max WS	TR030_D350	237.21	81.49	86.48		86.77	0.002434	2.40	98.67	41.84	0.50
GR	130	Max WS	TR030_D400	241.08	81.49	86.51		86.81	0.002417	2.41	99.96	41.96	0.50
GR	130	Max WS	TR030_D500	248.53	81.49	86.57		86.87	0.002393	2.43	102.33	42.18	0.50
GR	130	Max WS	TR030_D550	249.81	81.49	86.58		86.88	0.002385	2.43	102.80	42.22	0.50
GR	130	Max WS	TR030_D600	249.54	81.49	86.58		86.88	0.002381	2.43	102.77	42.22	0.50
GR	130	Max WS	TR030_D650	248.13	81.49	86.57		86.87	0.002382	2.42	102.37	42.18	0.50
GR	130	Max WS	TR030_D700	245.72	81.49	86.55		86.85	0.002387	2.42	101.65	42.12	0.50
GR	129	Max WS	TR030_D450	242.94	81.38	86.34		87.00	0.003849	3.59	67.67	19.65	0.62
GR	129	Max WS	TR030_D350	234.54	81.38	86.28		86.91	0.003624	3.52	66.58	19.96	0.60
GR	129	Max WS	TR030_D400	238.56	81.38	86.31		86.95	0.003667	3.56	67.10	19.98	0.60
GR	129	Max WS	TR030_D500	246.03	81.38	86.36		87.03	0.003997	3.61	68.08	20.21	0.63
GR	129	Max WS	TR030_D550	247.44	81.38	86.37		87.04	0.004065	3.62	68.28	20.47	0.63
GR	129	Max WS	TR030_D600	247.36	81.38	86.37		87.04	0.004061	3.62	68.27	20.46	0.63

HEC-RAS River: Greve Reach: GR 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
GR	129	Max WS	TR030_D650	246.11	81.38	86.36		87.03	0.004002	3.61	68.10	20.23	0.63
GR	129	Max WS	TR030_D700	243.88	81.38	86.35		87.01	0.003895	3.60	67.80	19.83	0.62
GR	128	Max WS	TR030_D450	247.33	81.39	86.08		86.41	0.003966	2.55	96.87	54.15	0.61
GR	128	Max WS	TR030_D350	238.43	81.39	86.03		86.36	0.004012	2.53	94.26	53.97	0.61
GR	128	Max WS	TR030_D400	242.67	81.39	86.05		86.38	0.003994	2.54	95.53	54.15	0.61
GR	128	Max WS	TR030_D500	250.61	81.39	86.10		86.43	0.003943	2.56	97.82	54.15	0.61
GR	128	Max WS	TR030_D550	252.10	81.39	86.10		86.44	0.003934	2.57	98.25	54.15	0.61
GR	128	Max WS	TR030_D600	252.03	81.39	86.10		86.44	0.003934	2.57	98.24	54.15	0.61
GR	128	Max WS	TR030_D650	250.71	81.39	86.10		86.43	0.003942	2.56	97.86	54.15	0.61
GR	128	Max WS	TR030_D700	248.34	81.39	86.08		86.42	0.003956	2.56	97.18	54.15	0.61
GR	127	Max WS	TR030_D450	243.29	81.33	85.88		86.12	0.002277	2.20	110.80	51.09	0.48
GR	127	Max WS	TR030_D350	235.39	81.33	85.83		86.07	0.002298	2.17	108.25	51.09	0.48
GR	127	Max WS	TR030_D400	239.18	81.33	85.85		86.10	0.002287	2.18	109.49	51.09	0.48
GR	127	Max WS	TR030_D500	246.18	81.33	85.90		86.14	0.002270	2.20	111.72	51.09	0.48
GR	127	Max WS	TR030_D550	247.49	81.33	85.90		86.15	0.002266	2.21	112.16	51.09	0.48
GR	127	Max WS	TR030_D600	247.43	81.33	85.90		86.15	0.002266	2.21	112.14	51.09	0.48
GR	127	Max WS	TR030_D650	246.27	81.33	85.90		86.14	0.002269	2.20	111.77	51.09	0.48
GR	127	Max WS	TR030_D700	244.19	81.33	85.88		86.13	0.002273	2.20	111.11	51.09	0.48
GR	126	Max WS	TR030_D450	240.17	80.89	85.80		86.00	0.001200	1.97	122.21	39.89	0.36
GR	126	Max WS	TR030_D350	232.87	80.89	85.75		85.94	0.001177	1.94	120.20	39.55	0.35
GR	126	Max WS	TR030_D400	236.36	80.89	85.77		85.97	0.001185	1.95	121.18	39.64	0.36
GR	126	Max WS	TR030_D500	242.82	80.89	85.82		86.02	0.001210	1.98	122.94	40.07	0.36
GR	126	Max WS	TR030_D550	244.04	80.89	85.83		86.03	0.001214	1.98	123.27	40.15	0.36
GR	126	Max WS	TR030_D600	243.98	80.89	85.83		86.03	0.001214	1.98	123.26	40.14	0.36
GR	126	Max WS	TR030_D650	242.91	80.89	85.82		86.02	0.001210	1.98	122.98	40.08	0.36
GR	126	Max WS	TR030_D700	241.00	80.89	85.81		86.00	0.001203	1.97	122.45	39.95	0.36
GR	125	Max WS	TR030_D450	240.76	81.22	85.76		85.92	0.001195	1.78	135.63	53.46	0.36
GR	125	Max WS	TR030_D350	233.26	81.22	85.71		85.86	0.001142	1.75	133.07	51.61	0.35
GR	125	Max WS	TR030_D400	236.86	81.22	85.73		85.89	0.001167	1.76	134.31	52.51	0.35
GR	125	Max WS	TR030_D500	243.50	81.22	85.77		85.94	0.001214	1.78	136.58	54.13	0.36
GR	125	Max WS	TR030_D550	244.75	81.22	85.78		85.95	0.001222	1.79	137.01	54.43	0.36
GR	125	Max WS	TR030_D600	244.69	81.22	85.78		85.95	0.001222	1.79	137.01	54.43	0.36
GR	125	Max WS	TR030_D650	243.59	81.22	85.78		85.94	0.001214	1.78	136.63	54.16	0.36
GR	125	Max WS	TR030_D700	241.63	81.22	85.76		85.92	0.001201	1.78	135.94	53.68	0.36
GR	124	Max WS	TR030_D450	242.56	81.08	85.66		85.89	0.001562	2.11	114.82	42.52	0.41
GR	124	Max WS	TR030_D350	234.81	81.08	85.62		85.84	0.001538	2.08	112.87	42.30	0.41
GR	124	Max WS	TR030_D400	238.52	81.08	85.64		85.86	0.001549	2.10	113.82	42.41	0.41
GR	124	Max WS	TR030_D500	245.41	81.08	85.68		85.91	0.001571	2.12	115.52	42.60	0.41
GR	124	Max WS	TR030_D550	246.71	81.08	85.69		85.92	0.001575	2.13	115.85	42.64	0.41
GR	124	Max WS	TR030_D600	246.64	81.08	85.69		85.92	0.001574	2.13	115.83	42.64	0.41
GR	124	Max WS	TR030_D650	245.51	81.08	85.68		85.91	0.001571	2.12	115.56	42.61	0.41
GR	124	Max WS	TR030_D700	243.47	81.08	85.67		85.90	0.001565	2.12	115.05	42.55	0.41
GR	123	Max WS	TR030_D450	242.08	80.50	85.56		85.84	0.002360	2.37	102.03	41.73	0.48
GR	123	Max WS	TR030_D350	234.44	80.50	85.51		85.79	0.002324	2.34	100.15	41.34	0.48
GR	123	Max WS	TR030_D400	238.16	80.50	85.53		85.82	0.002342	2.36	101.06	41.53	0.48
GR	123	Max WS	TR030_D500	244.80	80.50	85.57		85.86	0.002371	2.38	102.72	41.87	0.49
GR	123	Max WS	TR030_D550	246.08	80.50	85.58		85.87	0.002373	2.39	103.05	41.90	0.49
GR	123	Max WS	TR030_D600	246.03	80.50	85.58		85.87	0.002373	2.39	103.04	41.90	0.49
GR	123	Max WS	TR030_D650	244.95	80.50	85.57		85.86	0.002372	2.38	102.75	41.88	0.49
GR	123	Max WS	TR030_D700	242.99	80.50	85.56		85.85	0.002363	2.38	102.27	41.78	0.48
GR	122	Max WS	TR030_D450	236.31	80.17	85.43		85.69	0.002109	2.28	103.61	41.64	0.46
GR	122	Max WS	TR030_D350	229.74	80.17	85.38		85.64	0.002113	2.26	101.70	41.58	0.46
GR	122	Max WS	TR030_D400	232.94	80.17	85.40		85.67	0.002111	2.27	102.63	41.61	0.46
GR	122	Max WS	TR030_D500	238.66	80.17	85.44		85.71	0.002106	2.29	104.30	41.66	0.46
GR	122	Max WS	TR030_D550	239.72	80.17	85.45		85.72	0.002104	2.29	104.62	41.67	0.46
GR	122	Max WS	TR030_D600	239.67	80.17	85.45		85.72	0.002104	2.29	104.61	41.67	0.46
GR	122	Max WS	TR030_D650	238.76	80.17	85.44		85.71	0.002105	2.29	104.34	41.66	0.46
GR	122	Max WS	TR030_D700	237.10	80.17	85.43		85.70	0.002108	2.28	103.83	41.64	0.46
GR	121	Max WS	TR030_D450	226.49	80.12	85.34		85.63	0.001887	2.39	94.66	30.38	0.43
GR	121	Max WS	TR030_D350	220.75	80.12	85.29		85.58	0.001877	2.37	93.27	30.38	0.43
GR	121	Max WS	TR030_D400	223.55	80.12	85.32		85.61	0.001882	2.38	93.95	30.38	0.43
GR	121	Max WS	TR030_D500	228.52	80.12	85.36		85.65	0.001890	2.40	95.17	30.38	0.43
GR	121	Max WS	TR030_D550	229.45	80.12	85.36		85.66	0.001890	2.40	95.41	30.38	0.43
GR	121	Max WS	TR030_D600	229.43	80.12	85.36		85.66	0.001890	2.40	95.40	30.38	0.43
GR	121	Max WS	TR030_D650	228.63	80.12	85.36		85.65	0.001890	2.40	95.20	30.38	0.43
GR	121	Max WS	TR030_D700	227.16	80.12	85.35		85.64	0.001888	2.40	94.84	30.38	0.43
GR	120	Max WS	TR030_D450	213.47	80.27	85.29		85.46	0.001550	1.85	115.12	49.50	0.39
GR	120	Max WS	TR030_D350	207.90	80.27	85.24		85.41	0.001563	1.84	112.86	49.38	0.39
GR	120	Max WS	TR030_D400	210.60	80.27	85.26		85.44	0.001557	1.85	113.96	49.44	0.39
GR	120	Max WS	TR030_D500	215.47	80.27	85.30		85.48	0.001543	1.86	115.97	49.54	0.39
GR	120	Max WS	TR030_D550	216.39	80.27	85.31		85.49	0.001540	1.86	116.36	49.56	0.39
GR	120	Max WS	TR030_D600	216.35	80.27	85.31		85.49	0.001540	1.86	116.34	49.56	0.39
GR	120	Max WS	TR030_D650	215.57	80.27	85.31		85.48	0.001543	1.86	116.01	49.54	0.39
GR	120	Max WS	TR030_D700	214.15	80.27	85.29		85.47	0.001547	1.86	115.41	49.51	0.39
GR	119	Max WS	TR030_D450	196.24	80.17	85.24		85.40	0.001475	1.78	109.94	48.13	0.38
GR	119	Max WS	TR030_D350	191.24	80.17	85.19		85.35	0.001499	1.78	107.66	48.13	0.38
GR	119	Max WS	TR030_D400	193.71	80.17	85.21		85.37	0.001488	1.78	108.77	48.13	0.38
GR	119	Max WS	TR030_D500	198.08	80.17	85.25		85.42	0.001466	1.79	110.78	48.13	0.38
GR	119	Max WS	TR030_D550	198.90	80.17	85.26		85.43	0.001462	1.79	111.18	48.13	0.38
GR	119	Max WS	TR030_D600	198.88	80.17	85.26		85.42	0.001462	1.79	111.16	48.13	0.38
GR	119	Max WS	TR030_D650	198.17	80.17	85.26		85.42	0.001465	1.79	110.84	48.13	0.38
GR	119	Max WS	TR030_D700	196.84	80.17	85.24		85.41	0.001471	1.79	110.24	48.13	0.38
GR	118	Max WS	TR030_D450	173.43	81.20	85.16		85.37	0.001768	2.04	85.18	35.68	0.42
GR	118	Max WS	TR030_D350	168.98	81.20	85.11		85.32	0.001716	2.02	83.54	34.51	0.42
GR	118	Max WS	TR030_D400	171.13	81.20	85.13		85.34	0.001752	2.03	84.32	35.24	0.42
GR	118	Max WS	TR030_D500	174.97	81.20	85.17		85.38	0.001759	2.04	85.80	35.68	0.42
GR	118	Max WS	TR030_D550	175.69	81.20	85.18		85.39	0.001755	2.04	86.09	35.68	0.42

HEC-RAS River: Greve Reach: GR 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
GR	118	Max WS	TR030_D600	175.68	81.20	85.18		85.39	0.001755	2.04	86.08	35.68	0.42
GR	118	Max WS	TR030_D650	175.05	81.20	85.17		85.39	0.001758	2.04	85.84	35.68	0.42
GR	118	Max WS	TR030_D700	173.96	81.20	85.16		85.37	0.001765	2.04	85.40	35.68	0.42
GR	117	Max WS	TR030_D450	169.85	81.69	85.16	83.84	85.33	0.001368	1.81	93.72	38.96	0.37
GR	117	Max WS	TR030_D350	165.49	81.69	85.11	83.82	85.28	0.001372	1.80	91.92	38.72	0.37
GR	117	Max WS	TR030_D400	167.61	81.69	85.14	83.83	85.30	0.001370	1.81	92.79	38.84	0.37
GR	117	Max WS	TR030_D500	171.40	81.69	85.18	83.85	85.34	0.001364	1.82	94.40	39.05	0.37
GR	117	Max WS	TR030_D550	172.10	81.69	85.18	83.85	85.35	0.001362	1.82	94.72	39.09	0.37
GR	117	Max WS	TR030_D600	172.09	81.69	85.18	83.85	85.35	0.001363	1.82	94.70	39.09	0.37
GR	117	Max WS	TR030_D650	171.47	81.69	85.18	83.85	85.35	0.001364	1.82	94.43	39.05	0.37
GR	117	Max WS	TR030_D700	170.38	81.69	85.17	83.84	85.33	0.001366	1.81	93.95	38.99	0.37
GR	116.5			Inl Struct									
GR	116	Max WS	TR030_D450	169.72	79.11	84.50		84.63	0.000904	1.62	104.72	36.02	0.30
GR	116	Max WS	TR030_D350	165.43	79.11	84.41		84.55	0.000922	1.63	101.62	35.25	0.31
GR	116	Max WS	TR030_D400	167.54	79.11	84.45		84.59	0.000913	1.62	103.14	35.63	0.30
GR	116	Max WS	TR030_D500	171.24	79.11	84.53		84.66	0.000895	1.62	105.94	36.32	0.30
GR	116	Max WS	TR030_D550	172.01	79.11	84.55		84.68	0.000891	1.61	106.52	36.46	0.30
GR	116	Max WS	TR030_D600	171.96	79.11	84.55		84.68	0.000892	1.62	106.46	36.45	0.30
GR	116	Max WS	TR030_D650	171.40	79.11	84.53		84.67	0.000895	1.62	106.02	36.34	0.30
GR	116	Max WS	TR030_D700	170.25	79.11	84.51		84.64	0.000900	1.62	105.19	36.14	0.30
GR	115	Max WS	TR030_D450	190.40	79.35	84.41		84.59	0.001234	1.87	101.92	36.36	0.36
GR	115	Max WS	TR030_D350	185.43	79.35	84.32		84.50	0.001294	1.88	98.72	36.36	0.36
GR	115	Max WS	TR030_D400	187.88	79.35	84.36		84.54	0.001264	1.87	100.29	36.36	0.36
GR	115	Max WS	TR030_D500	192.14	79.35	84.44		84.62	0.001209	1.86	103.18	36.36	0.35
GR	115	Max WS	TR030_D550	192.98	79.35	84.46		84.64	0.001198	1.86	103.76	36.36	0.35
GR	115	Max WS	TR030_D600	192.93	79.35	84.46		84.64	0.001199	1.86	103.71	36.36	0.35
GR	115	Max WS	TR030_D650	192.23	79.35	84.45		84.62	0.001208	1.86	103.24	36.36	0.35
GR	115	Max WS	TR030_D700	190.96	79.35	84.42		84.60	0.001222	1.86	102.41	36.36	0.35
GR	114	Max WS	TR030_D450	229.38	78.88	84.19		84.52	0.002608	2.57	89.35	33.85	0.50
GR	114	Max WS	TR030_D350	222.51	78.88	84.10		84.44	0.002729	2.58	86.39	33.85	0.51
GR	114	Max WS	TR030_D400	225.84	78.88	84.14		84.48	0.002666	2.57	87.86	33.85	0.51
GR	114	Max WS	TR030_D500	231.85	78.88	84.22		84.56	0.002559	2.56	90.50	33.85	0.50
GR	114	Max WS	TR030_D550	233.03	78.88	84.24		84.57	0.002538	2.56	91.03	33.85	0.50
GR	114	Max WS	TR030_D600	233.12	78.88	84.23		84.57	0.002546	2.56	90.96	33.85	0.50
GR	114	Max WS	TR030_D650	232.09	78.88	84.22		84.56	0.002560	2.56	90.55	33.85	0.50
GR	114	Max WS	TR030_D700	230.36	78.88	84.20		84.54	0.002590	2.57	89.79	33.85	0.50
GR	113	Max WS	TR030_D450	238.03	78.36	84.07		84.37	0.001647	2.39	99.62	27.68	0.40
GR	113	Max WS	TR030_D350	230.95	78.36	83.98		84.27	0.001678	2.38	97.08	27.68	0.41
GR	113	Max WS	TR030_D400	234.58	78.36	84.03		84.32	0.001664	2.39	98.35	27.68	0.40
GR	113	Max WS	TR030_D500	240.30	78.36	84.11		84.40	0.001629	2.39	100.61	27.68	0.40
GR	113	Max WS	TR030_D550	241.41	78.36	84.13		84.42	0.001621	2.39	101.07	27.68	0.40
GR	113	Max WS	TR030_D600	241.63	78.36	84.12		84.42	0.001627	2.39	101.01	27.68	0.40
GR	113	Max WS	TR030_D650	240.61	78.36	84.11		84.40	0.001631	2.39	100.66	27.68	0.40
GR	113	Max WS	TR030_D700	239.05	78.36	84.09		84.38	0.001643	2.39	99.99	27.68	0.40
GR	112	Max WS	TR030_D450	245.05	78.78	83.93		84.54	0.003523	3.45	71.04	20.03	0.58
GR	112	Max WS	TR030_D350	237.08	78.78	83.84		84.44	0.003548	3.42	69.23	19.92	0.59
GR	112	Max WS	TR030_D400	241.11	78.78	83.88		84.49	0.003538	3.44	70.13	19.98	0.59
GR	112	Max WS	TR030_D500	247.64	78.78	83.96		84.57	0.003503	3.45	71.73	20.08	0.58
GR	112	Max WS	TR030_D550	248.83	78.78	83.98		84.59	0.003496	3.45	72.05	20.13	0.58
GR	112	Max WS	TR030_D600	249.36	78.78	83.98		84.59	0.003516	3.46	72.01	20.12	0.58
GR	112	Max WS	TR030_D650	248.13	78.78	83.97		84.57	0.003512	3.46	71.76	20.09	0.58
GR	112	Max WS	TR030_D700	246.64	78.78	83.94		84.55	0.003532	3.46	71.30	20.04	0.59
GR	111	Max WS	TR030_D450	247.67	78.28	83.48		84.06	0.003597	3.38	73.35	22.10	0.59
GR	111	Max WS	TR030_D350	237.54	78.28	83.39		83.96	0.003556	3.33	71.35	21.75	0.59
GR	111	Max WS	TR030_D400	241.72	78.28	83.44		84.01	0.003553	3.34	72.34	21.92	0.59
GR	111	Max WS	TR030_D500	249.21	78.28	83.52		84.09	0.003539	3.36	74.16	22.24	0.59
GR	111	Max WS	TR030_D550	250.64	78.28	83.54		84.11	0.003533	3.36	74.54	22.30	0.59
GR	111	Max WS	TR030_D600	251.28	78.28	83.53		84.11	0.003555	3.37	74.51	22.30	0.59
GR	111	Max WS	TR030_D650	249.97	78.28	83.52		84.10	0.003553	3.37	74.22	22.25	0.59
GR	111	Max WS	TR030_D700	247.93	78.28	83.50		84.08	0.003560	3.36	73.70	22.16	0.59
GR	110	Max WS	TR030_D450	249.12	78.53	83.12	81.63	83.35	0.001331	2.12	117.35	51.47	0.38
GR	110	Max WS	TR030_D350	240.61	78.53	83.03	81.59	83.26	0.001367	2.11	114.02	51.17	0.39
GR	110	Max WS	TR030_D400	244.67	78.53	83.08	81.61	83.31	0.001348	2.12	115.67	51.32	0.38
GR	110	Max WS	TR030_D500	252.37	78.53	83.16	81.64	83.39	0.001314	2.13	118.74	51.60	0.38
GR	110	Max WS	TR030_D550	253.97	78.53	83.18	81.65	83.41	0.001307	2.13	119.38	51.66	0.38
GR	110	Max WS	TR030_D600	253.17	78.53	83.17	81.65	83.40	0.001307	2.12	119.15	51.64	0.38
GR	110	Max WS	TR030_D650	252.10	78.53	83.16	81.64	83.39	0.001312	2.12	118.72	51.60	0.38
GR	110	Max WS	TR030_D700	249.50	78.53	83.14	81.63	83.37	0.001317	2.12	117.83	51.52	0.38
GR	109			Bridge									
GR	108	Max WS	TR030_D450	249.12	78.87	83.07		83.31	0.001519	2.21	112.82	51.07	0.41
GR	108	Max WS	TR030_D350	240.61	78.87	82.97		83.22	0.001576	2.20	109.29	50.85	0.42
GR	108	Max WS	TR030_D400	244.68	78.87	83.02		83.27	0.001545	2.20	111.06	50.96	0.41
GR	108	Max WS	TR030_D500	252.35	78.87	83.10		83.35	0.001494	2.21	114.29	51.16	0.41
GR	108	Max WS	TR030_D550	254.00	78.87	83.12		83.37	0.001484	2.21	114.95	51.20	0.41
GR	108	Max WS	TR030_D600	253.17	78.87	83.12		83.36	0.001485	2.21	114.72	51.18	0.41
GR	108	Max WS	TR030_D650	252.10	78.87	83.10		83.35	0.001492	2.21	114.27	51.15	0.41
GR	108	Max WS	TR030_D700	249.50	78.87	83.08		83.33	0.001501	2.20	113.35	51.10	0.41
GR	107.9			Lat Struct									
GR	107.7			Lat Struct									
GR	107	Max WS	TR030_D450	246.01	78.66	83.05	81.53	83.26	0.001221	2.06	119.33	53.42	0.37
GR	107	Max WS	TR030_D350	237.37	78.66	82.95	81.49	83.17	0.001260	2.05	115.70	53.31	0.38
GR	107	Max WS	TR030_D400	241.62	78.66	83.00	81.51	83.22	0.001238	2.06	117.54	53.36	0.37
GR	107	Max WS	TR030_D500	249.20	78.66	83.09	81.55	83.30	0.001202	2.06	120.82	53.46	0.37
GR	107	Max WS	TR030_D550	250.76	78.66	83.10	81.55	83.32	0.001194	2.06	121.50	53.48	0.37

HEC-RAS River: Greve Reach: GR 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
GR	107	Max WS	TR030_D600	250.97	78.66	83.10	81.55	83.32	0.001200	2.07	121.38	53.48	0.37
GR	107	Max WS	TR030_D650	249.62	78.66	83.09	81.55	83.30	0.001204	2.06	120.88	53.46	0.37
GR	107	Max WS	TR030_D700	247.40	78.66	83.06	81.54	83.28	0.001212	2.06	119.99	53.43	0.37
GR	106			Bridge									
GR	105	Max WS	TR030_D450	246.00	78.09	83.02		83.24	0.001236	2.05	119.87	48.94	0.37
GR	105	Max WS	TR030_D350	237.38	78.09	82.93		83.14	0.001277	2.04	116.21	48.83	0.37
GR	105	Max WS	TR030_D400	241.62	78.09	82.98		83.19	0.001255	2.05	118.07	48.88	0.37
GR	105	Max WS	TR030_D500	249.20	78.09	83.06		83.28	0.001217	2.05	121.38	48.99	0.37
GR	105	Max WS	TR030_D550	250.76	78.09	83.08		83.30	0.001210	2.05	122.05	49.01	0.37
GR	105	Max WS	TR030_D600	250.97	78.09	83.08		83.29	0.001216	2.06	121.94	49.01	0.37
GR	105	Max WS	TR030_D650	249.62	78.09	83.07		83.28	0.001219	2.06	121.43	48.99	0.37
GR	105	Max WS	TR030_D700	247.39	78.09	83.04		83.26	0.001228	2.05	120.53	48.96	0.37
GR	104.9			Lat Struct									
GR	104.85			Lat Struct									
GR	104.83*	Max WS	TR030_D450	245.08	78.10	83.03		83.20	0.001120	1.85	132.24	43.79	0.34
GR	104.83*	Max WS	TR030_D350	236.62	78.10	82.93		83.11	0.001157	1.85	128.01	43.79	0.35
GR	104.83*	Max WS	TR030_D400	240.76	78.10	82.98		83.15	0.001136	1.85	130.16	43.79	0.34
GR	104.83*	Max WS	TR030_D500	248.23	78.10	83.07		83.24	0.001102	1.85	133.99	43.79	0.34
GR	104.83*	Max WS	TR030_D550	249.75	78.10	83.09		83.26	0.001095	1.85	134.77	43.79	0.34
GR	104.83*	Max WS	TR030_D600	249.90	78.10	83.08		83.26	0.001101	1.86	134.61	43.79	0.34
GR	104.83*	Max WS	TR030_D650	248.58	78.10	83.07		83.24	0.001104	1.85	134.03	43.79	0.34
GR	104.83*	Max WS	TR030_D700	246.39	78.10	83.04		83.22	0.001112	1.85	132.99	43.79	0.34
GR	104.67*	Max WS	TR030_D450	237.55	78.11	83.02		83.21	0.001178	1.96	121.06	37.36	0.35
GR	104.67*	Max WS	TR030_D350	230.01	78.11	82.92		83.11	0.001216	1.96	117.40	37.36	0.35
GR	104.67*	Max WS	TR030_D400	233.71	78.11	82.97		83.16	0.001195	1.96	119.25	37.36	0.35
GR	104.67*	Max WS	TR030_D500	240.27	78.11	83.06		83.25	0.001159	1.96	122.58	37.36	0.35
GR	104.67*	Max WS	TR030_D550	241.63	78.11	83.07		83.27	0.001152	1.96	123.26	37.36	0.34
GR	104.67*	Max WS	TR030_D600	241.75	78.11	83.07		83.27	0.001157	1.96	123.11	37.36	0.35
GR	104.67*	Max WS	TR030_D650	240.59	78.11	83.06		83.25	0.001161	1.96	122.62	37.36	0.35
GR	104.67*	Max WS	TR030_D700	238.64	78.11	83.03		83.23	0.001169	1.96	121.71	37.36	0.35
GR	104.50*	Max WS	TR030_D450	241.17	78.12	82.97		83.21	0.001436	2.18	110.81	34.32	0.39
GR	104.50*	Max WS	TR030_D350	233.94	78.12	82.87		83.11	0.001490	2.18	107.39	34.32	0.39
GR	104.50*	Max WS	TR030_D400	237.47	78.12	82.92		83.16	0.001461	2.18	109.12	34.32	0.39
GR	104.50*	Max WS	TR030_D500	243.73	78.12	83.01		83.25	0.001409	2.17	112.24	34.32	0.38
GR	104.50*	Max WS	TR030_D550	245.05	78.12	83.03		83.27	0.001400	2.17	112.87	34.32	0.38
GR	104.50*	Max WS	TR030_D600	245.11	78.12	83.02		83.26	0.001406	2.17	112.73	34.32	0.38
GR	104.50*	Max WS	TR030_D650	244.01	78.12	83.01		83.25	0.001411	2.17	112.27	34.32	0.38
GR	104.50*	Max WS	TR030_D700	242.12	78.12	82.98		83.22	0.001423	2.17	111.42	34.32	0.39
GR	104.33*	Max WS	TR030_D450	243.43	78.13	82.89		83.20	0.001927	2.45	99.50	32.25	0.44
GR	104.33*	Max WS	TR030_D350	236.37	78.13	82.79		83.10	0.002014	2.46	96.27	32.25	0.45
GR	104.33*	Max WS	TR030_D400	239.81	78.13	82.84		83.15	0.001966	2.45	97.91	32.25	0.45
GR	104.33*	Max WS	TR030_D500	245.91	78.13	82.93		83.24	0.001886	2.44	100.86	32.25	0.44
GR	104.33*	Max WS	TR030_D550	247.21	78.13	82.95		83.25	0.001871	2.44	101.46	32.25	0.44
GR	104.33*	Max WS	TR030_D600	247.23	78.13	82.95		83.25	0.001879	2.44	101.32	32.25	0.44
GR	104.33*	Max WS	TR030_D650	246.17	78.13	82.93		83.24	0.001888	2.44	100.89	32.25	0.44
GR	104.33*	Max WS	TR030_D700	244.32	78.13	82.91		83.21	0.001906	2.44	100.08	32.25	0.44
GR	104.17*	Max WS	TR030_D450	243.07	78.15	82.78		83.22	0.002839	2.95	82.27	25.88	0.53
GR	104.17*	Max WS	TR030_D350	235.98	78.15	82.68		83.13	0.002943	2.96	79.76	25.88	0.54
GR	104.17*	Max WS	TR030_D400	239.46	78.15	82.73		83.18	0.002886	2.95	81.04	25.88	0.53
GR	104.17*	Max WS	TR030_D500	245.68	78.15	82.82		83.26	0.002790	2.95	83.32	25.88	0.52
GR	104.17*	Max WS	TR030_D550	246.97	78.15	82.84		83.28	0.002772	2.95	83.79	25.88	0.52
GR	104.17*	Max WS	TR030_D600	246.83	78.15	82.83		83.28	0.002779	2.95	83.69	25.88	0.52
GR	104.17*	Max WS	TR030_D650	245.79	78.15	82.82		83.26	0.002790	2.95	83.36	25.88	0.52
GR	104.17*	Max WS	TR030_D700	244.09	78.15	82.80		83.24	0.002817	2.95	82.72	25.88	0.53
GR	104	Max WS	TR030_D450	238.85	78.16	82.71		83.40	0.004754	3.70	64.54	19.47	0.65
GR	104	Max WS	TR030_D350	231.63	78.16	82.61		83.30	0.004894	3.70	62.61	19.47	0.66
GR	104	Max WS	TR030_D400	235.19	78.16	82.66		83.35	0.004818	3.70	63.59	19.47	0.65
GR	104	Max WS	TR030_D500	241.68	78.16	82.75		83.44	0.004694	3.70	65.33	19.47	0.64
GR	104	Max WS	TR030_D550	242.98	78.16	82.77		83.46	0.004667	3.70	65.69	19.47	0.64
GR	104	Max WS	TR030_D600	242.61	78.16	82.76		83.46	0.004669	3.70	65.62	19.47	0.64
GR	104	Max WS	TR030_D650	241.58	78.16	82.75		83.44	0.004683	3.70	65.36	19.47	0.64
GR	104	Max WS	TR030_D700	240.07	78.16	82.72		83.42	0.004730	3.70	64.87	19.47	0.65
GR	103	Max WS	TR030_D450	262.62	77.48	82.41		83.17	0.005251	3.86	68.03	21.62	0.69
GR	103	Max WS	TR030_D350	252.01	77.48	82.31		83.05	0.005323	3.83	65.80	21.44	0.70
GR	103	Max WS	TR030_D400	257.26	77.48	82.36		83.11	0.005280	3.84	66.93	21.53	0.70
GR	103	Max WS	TR030_D500	269.53	77.48	82.45		83.23	0.005345	3.91	68.85	21.68	0.70
GR	103	Max WS	TR030_D550	271.62	77.48	82.47		83.25	0.005337	3.92	69.26	21.71	0.70
GR	103	Max WS	TR030_D600	268.59	77.48	82.47		83.24	0.005210	3.88	69.30	21.72	0.69
GR	103	Max WS	TR030_D650	267.00	77.48	82.46		83.22	0.005211	3.87	69.01	21.69	0.69
GR	103	Max WS	TR030_D700	266.77	77.48	82.42		83.20	0.005356	3.91	68.31	21.64	0.70
GR	102	Max WS	TR030_D450	254.73	77.72	82.00	80.52	82.29	0.002073	2.40	105.92	36.48	0.37
GR	102	Max WS	TR030_D350	245.61	77.72	81.90	80.46	82.19	0.002158	2.40	102.19	36.48	0.38
GR	102	Max WS	TR030_D400	250.01	77.72	81.95	80.49	82.24	0.002108	2.40	104.12	36.48	0.37
GR	102	Max WS	TR030_D500	259.26	77.72	82.04	80.69	82.34	0.002052	2.41	107.46	36.49	0.37
GR	102	Max WS	TR030_D550	261.07	77.72	82.06	80.70	82.36	0.002040	2.41	108.13	36.49	0.37
GR	102	Max WS	TR030_D600	260.04	77.72	82.06	80.69	82.35	0.002031	2.41	108.02	36.49	0.37
GR	102	Max WS	TR030_D650	258.59	77.72	82.04	80.69	82.34	0.002035	2.40	107.56	36.49	0.37
GR	102	Max WS	TR030_D700	256.95	77.72	82.02	80.68	82.31	0.002070	2.41	106.56	36.48	0.37
GR	100	Max WS	TR030_D450	253.82	77.06	81.93	81.18	82.34	0.003642	2.84	89.24	36.60	0.41
GR	100	Max WS	TR030_D350	244.74	77.06	81.83	81.11	82.25	0.003874	2.86	85.54	36.60	0.42
GR	100	Max WS	TR030_D400	249.10	77.06	81.88	81.14	82.30	0.003743	2.85	87.44	36.60	0.41
GR	100	Max WS	TR030_D500	258.13	77.06	81.97	81.21	82.39	0.003568	2.84	90.78	36.60	0.41
GR	100	Max WS	TR030_D550	259.96	77.06	81.99	81.22	82.40	0.003535	2.84	91.45	36.60	0.41
GR	100	Max WS	TR030_D600	259.12	77.06	81.99	81.22	82.40	0.003525	2.84	91.35	36.60	0.41
GR	100	Max WS	TR030_D650	257.67	77.06	81.98	81.21	82.39	0.003543	2.84	90.88	36.60	0.41

HEC-RAS River: Greve Reach: GR 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
GR	100	Max WS	TR030_D700	255.83	77.06	81.95	81.20	82.36	0.003616	2.85	89.88	36.60	0.41
GR	99.9		Lat Struct										
GR	99.7		Lat Struct										
GR	99.333*	Max WS	TR030_D450	252.45	77.09	81.90		82.33	0.003555	2.90	87.16	42.74	0.59
GR	99.333*	Max WS	TR030_D350	243.30	77.09	81.80		82.23	0.003803	2.92	83.46	42.73	0.61
GR	99.333*	Max WS	TR030_D400	247.72	77.09	81.85		82.28	0.003665	2.90	85.36	42.74	0.60
GR	99.333*	Max WS	TR030_D500	256.65	77.09	81.94		82.37	0.003473	2.89	88.69	42.75	0.58
GR	99.333*	Max WS	TR030_D550	258.50	77.09	81.96		82.39	0.003438	2.89	89.36	42.75	0.58
GR	99.333*	Max WS	TR030_D600	257.80	77.09	81.96		82.38	0.003432	2.89	89.27	42.75	0.58
GR	99.333*	Max WS	TR030_D650	256.35	77.09	81.95		82.37	0.003450	2.89	88.81	42.75	0.58
GR	99.333*	Max WS	TR030_D700	254.34	77.09	81.92		82.35	0.003524	2.90	87.80	42.75	0.59
GR	99	Max WS	TR030_D450	251.38	77.11	81.88	81.13	82.31	0.003815	2.91	86.38	36.32	0.43
GR	99	Max WS	TR030_D350	242.21	77.11	81.78	81.08	82.22	0.004048	2.93	82.57	35.93	0.43
GR	99	Max WS	TR030_D400	246.65	77.11	81.83	81.10	82.27	0.003917	2.92	84.52	36.13	0.43
GR	99	Max WS	TR030_D500	255.50	77.11	81.93	81.15	82.36	0.003734	2.90	87.97	36.48	0.42
GR	99	Max WS	TR030_D550	257.36	77.11	81.95	81.16	82.38	0.003693	2.90	88.69	36.50	0.42
GR	99	Max WS	TR030_D600	256.72	77.11	81.94	81.16	82.37	0.003688	2.90	88.59	36.50	0.42
GR	99	Max WS	TR030_D650	255.27	77.11	81.93	81.14	82.36	0.003710	2.90	88.11	36.50	0.42
GR	99	Max WS	TR030_D700	253.19	77.11	81.90	81.14	82.33	0.003784	2.91	87.04	36.39	0.42
GR	97	Max WS	TR030_D450	247.98	75.67	81.83	80.89	82.32	0.003858	3.11	79.86	26.68	0.57
GR	97	Max WS	TR030_D350	238.82	75.67	81.72	80.84	82.21	0.003986	3.10	77.14	26.66	0.58
GR	97	Max WS	TR030_D400	243.29	75.67	81.78	80.87	82.27	0.003912	3.10	78.54	26.67	0.58
GR	97	Max WS	TR030_D500	251.92	75.67	81.87	80.92	82.36	0.004510	3.11	81.09	31.41	0.40
GR	97	Max WS	TR030_D550	253.60	75.67	81.89	80.92	82.38	0.004825	3.10	81.72	33.78	0.40
GR	97	Max WS	TR030_D600	253.22	75.67	81.88	80.92	82.38	0.004771	3.10	81.61	33.41	0.40
GR	97	Max WS	TR030_D650	251.81	75.67	81.87	80.91	82.36	0.004555	3.10	81.21	31.86	0.40
GR	97	Max WS	TR030_D700	249.64	75.67	81.84	80.90	82.34	0.004084	3.11	80.34	28.32	0.40
GR	96.9		Lat Struct										
GR	96.85		Lat Struct										
GR	96.840*	Max WS	TR030_D450	244.15	75.90	81.78		82.25	0.004039	3.04	80.27	29.34	0.59
GR	96.840*	Max WS	TR030_D350	234.99	75.90	81.68		82.15	0.004203	3.04	77.35	29.34	0.60
GR	96.840*	Max WS	TR030_D400	239.50	75.90	81.73		82.20	0.004111	3.04	78.85	29.34	0.59
GR	96.840*	Max WS	TR030_D500	247.95	75.90	81.82		82.29	0.004001	3.04	81.49	29.55	0.59
GR	96.840*	Max WS	TR030_D550	249.48	75.90	81.84		82.31	0.004091	3.04	82.05	30.45	0.59
GR	96.840*	Max WS	TR030_D600	249.32	75.90	81.84		82.31	0.004097	3.04	81.97	30.44	0.59
GR	96.840*	Max WS	TR030_D650	247.94	75.90	81.83		82.30	0.004027	3.04	81.60	29.85	0.59
GR	96.840*	Max WS	TR030_D700	245.70	75.90	81.80		82.27	0.004011	3.04	80.78	29.35	0.59
GR	96.680*	Max WS	TR030_D450	240.16	76.14	81.74		82.18	0.003525	2.94	81.56	28.55	0.56
GR	96.680*	Max WS	TR030_D350	230.95	76.14	81.63		82.07	0.003662	2.94	78.58	28.55	0.57
GR	96.680*	Max WS	TR030_D400	235.53	76.14	81.69		82.13	0.003582	2.94	80.13	28.55	0.56
GR	96.680*	Max WS	TR030_D500	243.78	76.14	81.78		82.22	0.003467	2.94	82.79	28.55	0.55
GR	96.680*	Max WS	TR030_D550	245.12	76.14	81.80		82.24	0.003433	2.94	83.35	28.55	0.55
GR	96.680*	Max WS	TR030_D600	245.05	76.14	81.80		82.24	0.003441	2.94	83.27	28.55	0.55
GR	96.680*	Max WS	TR030_D650	243.83	76.14	81.79		82.23	0.003451	2.94	82.92	28.55	0.55
GR	96.680*	Max WS	TR030_D700	241.61	76.14	81.76		82.20	0.003500	2.94	82.07	28.55	0.55
GR	96.520*	Max WS	TR030_D450	240.99	76.37	81.73		82.17	0.003111	2.96	81.32	24.85	0.52
GR	96.520*	Max WS	TR030_D350	231.32	76.37	81.62		82.06	0.003174	2.94	78.66	24.85	0.53
GR	96.520*	Max WS	TR030_D400	236.12	76.37	81.68		82.12	0.003134	2.95	80.06	24.85	0.52
GR	96.520*	Max WS	TR030_D500	244.75	76.37	81.77		82.22	0.003081	2.97	82.41	24.85	0.52
GR	96.520*	Max WS	TR030_D550	246.21	76.37	81.79		82.24	0.003060	2.97	82.92	24.85	0.52
GR	96.520*	Max WS	TR030_D600	246.18	76.37	81.79		82.24	0.003068	2.97	82.84	24.85	0.52
GR	96.520*	Max WS	TR030_D650	244.86	76.37	81.78		82.22	0.003069	2.97	82.54	24.85	0.52
GR	96.520*	Max WS	TR030_D700	242.48	76.37	81.74		82.19	0.003097	2.97	81.78	24.85	0.52
GR	96.360*	Max WS	TR030_D450	250.32	76.61	81.65		82.22	0.003693	3.34	74.85	20.65	0.56
GR	96.360*	Max WS	TR030_D350	240.14	76.61	81.55		82.11	0.003708	3.30	72.71	20.65	0.56
GR	96.360*	Max WS	TR030_D400	245.19	76.61	81.60		82.17	0.003692	3.32	73.83	20.65	0.56
GR	96.360*	Max WS	TR030_D500	254.28	76.61	81.70		82.27	0.003680	3.36	75.73	20.66	0.56
GR	96.360*	Max WS	TR030_D550	255.88	76.61	81.72		82.29	0.003667	3.36	76.14	20.66	0.56
GR	96.360*	Max WS	TR030_D600	255.87	76.61	81.71		82.29	0.003675	3.36	76.09	20.66	0.56
GR	96.360*	Max WS	TR030_D650	254.44	76.61	81.70		82.27	0.003669	3.35	75.84	20.66	0.56
GR	96.360*	Max WS	TR030_D700	251.86	76.61	81.67		82.24	0.003685	3.35	75.22	20.65	0.56
GR	96.2	Max WS	TR030_D450	266.35	76.84	81.60		82.35	0.004655	3.84	69.28	17.46	0.62
GR	96.2	Max WS	TR030_D350	255.48	76.84	81.50		82.23	0.004624	3.79	67.48	17.46	0.62
GR	96.2	Max WS	TR030_D400	260.87	76.84	81.55		82.29	0.004629	3.81	68.42	17.46	0.62
GR	96.2	Max WS	TR030_D500	270.60	76.84	81.64		82.40	0.004658	3.86	70.02	17.46	0.62
GR	96.2	Max WS	TR030_D550	272.39	76.84	81.66		82.43	0.004653	3.87	70.36	17.46	0.62
GR	96.2	Max WS	TR030_D600	272.39	76.84	81.66		82.42	0.004663	3.87	70.31	17.46	0.62
GR	96.2	Max WS	TR030_D650	270.80	76.84	81.65		82.41	0.004648	3.86	70.11	17.46	0.62
GR	96.2	Max WS	TR030_D700	267.97	76.84	81.62		82.37	0.004651	3.85	69.58	17.46	0.62
GR	96	Max WS	TR030_D450	265.86	76.84	81.59	80.50	82.35	0.004665	3.85	69.14	17.46	0.62
GR	96	Max WS	TR030_D350	255.01	76.84	81.49	80.42	82.22	0.004634	3.79	67.34	17.46	0.62
GR	96	Max WS	TR030_D400	260.39	76.84	81.54	80.46	82.28	0.004639	3.81	68.29	17.46	0.62
GR	96	Max WS	TR030_D500	270.09	76.84	81.63	80.53	82.40	0.004667	3.87	69.88	17.46	0.62
GR	96	Max WS	TR030_D550	271.87	76.84	81.65	80.55	82.42	0.004663	3.87	70.22	17.46	0.62
GR	96	Max WS	TR030_D600	271.88	76.84	81.65	80.55	82.42	0.004672	3.87	70.17	17.46	0.62
GR	96	Max WS	TR030_D650	270.30	76.84	81.64	80.54	82.40	0.004657	3.86	69.97	17.46	0.62
GR	96	Max WS	TR030_D700	267.47	76.84	81.61	80.52	82.37	0.004661	3.85	69.45	17.46	0.62
GR	94	Max WS	TR030_D450	263.72	76.76	81.49	80.00	82.10	0.002695	3.47	76.06	17.53	0.51
GR	94	Max WS	TR030_D350	252.98	76.76	81.39	79.92	81.98	0.002667	3.41	74.27	17.53	0.51
GR	94	Max WS	TR030_D400	258.30	76.76	81.44	79.96	82.04	0.002675	3.43	75.21	17.53	0.51
GR	94	Max WS	TR030_D500	267.88	76.76	81.53	80.03	82.15	0.002699	3.49	76.80	17.53	0.51
GR	94	Max WS	TR030_D550	269.64	76.76	81.55	80.04	82.17	0.002697	3.50	77.14	17.52	0.51
GR	94	Max WS	TR030_D600	269.66	76.76	81.55	80.04	82.17	0.002704	3.50	77.09	17.52	0.51
GR	94	Max WS	TR030_D650	268.09	76.76	81.54	80.03	82.16	0.002693	3.49	76.89	17.53	0.51

HEC-RAS River: Greve Reach: GR 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
GR	94	Max WS	TR030_D700	265.29	76.76	81.51	80.01	82.12	0.002693	3.47	76.36	17.53	0.51
GR	93.9		Lat Struct										
GR	93.85		Lat Struct										
GR	93.8	Max WS	TR030_D450	263.32	76.76	81.46		81.82	0.001865	2.65	99.33	28.14	0.45
GR	93.8	Max WS	TR030_D350	252.60	76.76	81.36		81.71	0.001867	2.62	96.55	28.03	0.45
GR	93.8	Max WS	TR030_D400	257.91	76.76	81.42		81.77	0.001860	2.63	98.04	28.09	0.45
GR	93.8	Max WS	TR030_D500	267.46	76.76	81.50		81.87	0.001859	2.66	100.49	28.19	0.45
GR	93.8	Max WS	TR030_D550	269.22	76.76	81.52		81.89	0.001853	2.66	101.05	28.21	0.45
GR	93.8	Max WS	TR030_D600	269.25	76.76	81.52		81.88	0.001859	2.67	100.94	28.20	0.45
GR	93.8	Max WS	TR030_D650	267.68	76.76	81.51		81.87	0.001853	2.66	100.66	28.19	0.45
GR	93.8	Max WS	TR030_D700	264.88	76.76	81.48		81.84	0.001860	2.65	99.82	28.16	0.45
GR	93.720*	Max WS	TR030_D450	260.31	76.62	81.41		81.77	0.001856	2.66	97.73	27.36	0.45
GR	93.720*	Max WS	TR030_D350	249.88	76.62	81.31		81.67	0.001857	2.63	95.03	27.25	0.45
GR	93.720*	Max WS	TR030_D400	255.02	76.62	81.37		81.72	0.001850	2.64	96.48	27.31	0.45
GR	93.720*	Max WS	TR030_D500	264.51	76.62	81.45		81.82	0.001854	2.68	98.83	27.41	0.45
GR	93.720*	Max WS	TR030_D550	266.03	76.62	81.47		81.84	0.001844	2.68	99.40	27.43	0.45
GR	93.720*	Max WS	TR030_D600	266.27	76.62	81.47		81.84	0.001854	2.68	99.27	27.43	0.45
GR	93.720*	Max WS	TR030_D650	264.73	76.62	81.46		81.82	0.001848	2.67	98.99	27.42	0.45
GR	93.720*	Max WS	TR030_D700	261.97	76.62	81.43		81.79	0.001854	2.67	98.19	27.38	0.45
GR	93.640*	Max WS	TR030_D450	257.85	76.48	81.37		81.74	0.001849	2.68	96.28	26.60	0.45
GR	93.640*	Max WS	TR030_D350	248.08	76.48	81.27		81.63	0.001860	2.65	93.59	26.49	0.45
GR	93.640*	Max WS	TR030_D400	252.88	76.48	81.33		81.69	0.001847	2.66	95.05	26.55	0.45
GR	93.640*	Max WS	TR030_D500	261.04	76.48	81.41		81.78	0.001834	2.68	97.36	26.65	0.45
GR	93.640*	Max WS	TR030_D550	263.11	76.48	81.44		81.80	0.001831	2.69	97.95	26.67	0.45
GR	93.640*	Max WS	TR030_D600	262.67	76.48	81.43		81.80	0.001834	2.69	97.79	26.67	0.45
GR	93.640*	Max WS	TR030_D650	261.20	76.48	81.42		81.79	0.001827	2.68	97.53	26.65	0.45
GR	93.640*	Max WS	TR030_D700	258.68	76.48	81.39		81.75	0.001837	2.67	96.72	26.62	0.45
GR	93.560*	Max WS	TR030_D450	253.73	76.35	81.35		81.70	0.001843	2.61	97.14	27.95	0.45
GR	93.560*	Max WS	TR030_D350	243.82	76.35	81.25		81.59	0.001863	2.59	94.28	27.95	0.45
GR	93.560*	Max WS	TR030_D400	248.77	76.35	81.31		81.65	0.001847	2.60	95.82	27.95	0.45
GR	93.560*	Max WS	TR030_D500	257.40	76.35	81.40		81.75	0.001828	2.62	98.33	27.95	0.45
GR	93.560*	Max WS	TR030_D550	259.37	76.35	81.42		81.77	0.001823	2.62	98.90	27.95	0.45
GR	93.560*	Max WS	TR030_D600	259.05	76.35	81.41		81.76	0.001825	2.62	98.79	27.95	0.45
GR	93.560*	Max WS	TR030_D650	257.87	76.35	81.40		81.75	0.001825	2.62	98.50	27.95	0.45
GR	93.560*	Max WS	TR030_D700	255.28	76.35	81.37		81.72	0.001837	2.61	97.63	27.95	0.45
GR	93.480*	Max WS	TR030_D450	255.70	76.21	81.30		81.70	0.001992	2.82	90.60	23.00	0.45
GR	93.480*	Max WS	TR030_D350	245.71	76.21	81.20		81.59	0.001979	2.78	88.31	22.89	0.45
GR	93.480*	Max WS	TR030_D400	250.65	76.21	81.25		81.65	0.001979	2.80	89.55	22.95	0.45
GR	93.480*	Max WS	TR030_D500	259.49	76.21	81.34		81.75	0.001989	2.83	91.59	23.05	0.45
GR	93.480*	Max WS	TR030_D550	261.52	76.21	81.36		81.77	0.001993	2.84	92.02	23.07	0.45
GR	93.480*	Max WS	TR030_D600	261.17	76.21	81.36		81.77	0.001992	2.84	91.96	23.07	0.45
GR	93.480*	Max WS	TR030_D650	260.09	76.21	81.35		81.76	0.001991	2.84	91.71	23.05	0.45
GR	93.480*	Max WS	TR030_D700	257.47	76.21	81.31		81.72	0.001995	2.83	91.00	23.02	0.45
GR	93.400*	Max WS	TR030_D450	261.56	76.07	81.23		81.67	0.002225	2.94	89.06	23.38	0.48
GR	93.400*	Max WS	TR030_D350	251.14	76.07	81.13		81.56	0.002204	2.89	86.75	23.18	0.48
GR	93.400*	Max WS	TR030_D400	256.26	76.07	81.19		81.62	0.002207	2.91	88.00	23.29	0.48
GR	93.400*	Max WS	TR030_D500	265.52	76.07	81.27		81.72	0.002224	2.95	90.06	23.46	0.48
GR	93.400*	Max WS	TR030_D550	269.03	76.07	81.28		81.74	0.002266	2.98	90.30	23.48	0.49
GR	93.400*	Max WS	TR030_D600	267.23	76.07	81.29		81.74	0.002227	2.95	90.44	23.49	0.48
GR	93.400*	Max WS	TR030_D650	267.53	76.07	81.27		81.72	0.002262	2.97	89.98	23.46	0.48
GR	93.400*	Max WS	TR030_D700	264.70	76.07	81.24		81.69	0.002263	2.96	89.28	23.40	0.48
GR	93.320*	Max WS	TR030_D450	253.99	75.93	81.18		81.57	0.002055	2.79	91.10	24.83	0.46
GR	93.320*	Max WS	TR030_D350	244.36	75.93	81.08		81.47	0.002059	2.75	88.72	24.83	0.47
GR	93.320*	Max WS	TR030_D400	249.16	75.93	81.13		81.52	0.002050	2.77	90.01	24.83	0.46
GR	93.320*	Max WS	TR030_D500	257.68	75.93	81.22		81.62	0.002046	2.80	92.12	24.83	0.46
GR	93.320*	Max WS	TR030_D550	262.54	75.93	81.24		81.65	0.002078	2.83	92.80	24.83	0.47
GR	93.320*	Max WS	TR030_D600	259.22	75.93	81.23		81.63	0.002045	2.80	92.51	24.83	0.46
GR	93.320*	Max WS	TR030_D650	261.13	75.93	81.23		81.64	0.002077	2.82	92.47	24.83	0.47
GR	93.320*	Max WS	TR030_D700	258.50	75.93	81.20		81.61	0.002086	2.82	91.72	24.83	0.47
GR	93.240*	Max WS	TR030_D450	255.61	75.79	81.12		81.61	0.002332	3.07	83.17	19.71	0.48
GR	93.240*	Max WS	TR030_D350	245.86	75.79	81.03		81.49	0.002306	3.03	81.27	19.71	0.48
GR	93.240*	Max WS	TR030_D400	250.73	75.79	81.08		81.55	0.002312	3.05	82.31	19.71	0.48
GR	93.240*	Max WS	TR030_D500	259.33	75.79	81.17		81.65	0.002333	3.09	84.00	19.71	0.48
GR	93.240*	Max WS	TR030_D550	261.97	75.79	81.18		81.68	0.002350	3.11	84.37	19.71	0.48
GR	93.240*	Max WS	TR030_D600	260.88	75.79	81.18		81.67	0.002336	3.09	84.30	19.71	0.48
GR	93.240*	Max WS	TR030_D650	260.58	75.79	81.17		81.66	0.002346	3.10	84.11	19.71	0.48
GR	93.240*	Max WS	TR030_D700	258.02	75.79	81.14		81.63	0.002348	3.09	83.51	19.71	0.48
GR	93.160*	Max WS	TR030_D450	260.64	75.66	81.07		81.60	0.002595	3.22	80.97	19.10	0.50
GR	93.160*	Max WS	TR030_D350	249.94	75.66	80.97		81.48	0.002544	3.16	79.18	19.10	0.50
GR	93.160*	Max WS	TR030_D400	255.14	75.66	81.03		81.54	0.002558	3.18	80.18	19.10	0.50
GR	93.160*	Max WS	TR030_D500	264.82	75.66	81.11		81.64	0.002606	3.24	81.74	19.10	0.50
GR	93.160*	Max WS	TR030_D550	266.92	75.66	81.12		81.66	0.002619	3.25	82.05	19.10	0.50
GR	93.160*	Max WS	TR030_D600	266.55	75.66	81.12		81.66	0.002613	3.25	82.04	19.10	0.50
GR	93.160*	Max WS	TR030_D650	265.41	75.66	81.11		81.65	0.002612	3.24	81.81	19.10	0.50
GR	93.160*	Max WS	TR030_D700	262.55	75.66	81.08		81.61	0.002606	3.23	81.26	19.10	0.50
GR	93.080*	Max WS	TR030_D450	265.69	75.52	80.99		81.54	0.002748	3.28	81.03	19.76	0.52
GR	93.080*	Max WS	TR030_D350	254.78	75.52	80.90		81.43	0.002701	3.22	79.19	19.76	0.51
GR	93.080*	Max WS	TR030_D400	258.78	75.52	80.96		81.49	0.002672	3.22	80.35	19.76	0.51
GR	93.080*	Max WS	TR030_D500	270.06	75.52	81.03		81.59	0.002761	3.30	81.81	19.76	0.52
GR	93.080*	Max WS	TR030_D550	271.95	75.52	81.05		81.61	0.002771	3.31	82.10	19.76	0.52
GR	93.080*	Max WS	TR030_D600	271.82	75.52	81.05		81.61	0.002768	3.31	82.10	19.76	0.52
GR	93.080*	Max WS	TR030_D650	270.43	75.52	81.04		81.59	0.002764	3.30	81.86	19.76	0.52
GR	93.080*	Max WS	TR030_D700	267.38	75.52	81.01		81.56	0.002756	3.29	81.30	19.76	0.52
GR	93	Max WS	TR030_D450	268.58	75.38	80.90		81.54	0.003344	3.55	75.61	18.94	0.57
GR	93	Max WS	TR030_D350	257.30	75.38	80.81		81.43	0.003278	3.48	73.85	18.86	0.56

HEC-RAS River: Greve Reach: GR 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
GR	93	Max WS	TR030_D400	256.92	75.38	80.88		81.47	0.003111	3.42	75.17	18.94	0.55
GR	93	Max WS	TR030_D500	273.32	75.38	80.94		81.59	0.003366	3.58	76.36	18.94	0.57
GR	93	Max WS	TR030_D550	275.20	75.38	80.96		81.61	0.003376	3.59	76.64	18.94	0.57
GR	93	Max WS	TR030_D600	275.15	75.38	80.96		81.61	0.003375	3.59	76.64	18.94	0.57
GR	93	Max WS	TR030_D650	273.63	75.38	80.94		81.60	0.003367	3.58	76.40	18.94	0.57
GR	93	Max WS	TR030_D700	270.26	75.38	80.91		81.56	0.003352	3.56	75.87	18.94	0.57
GR	92.900*	Max WS	TR030_D450	257.28	75.42	80.84		81.37	0.002708	3.21	80.03	20.45	0.52
GR	92.900*	Max WS	TR030_D350	247.37	75.42	80.75		81.26	0.002681	3.16	78.18	20.45	0.52
GR	92.900*	Max WS	TR030_D400	257.06	75.42	80.81		81.34	0.002767	3.24	79.39	20.45	0.52
GR	92.900*	Max WS	TR030_D500	261.54	75.42	80.88		81.41	0.002719	3.24	80.82	20.45	0.52
GR	92.900*	Max WS	TR030_D550	263.12	75.42	80.89		81.43	0.002723	3.24	81.12	20.45	0.52
GR	92.900*	Max WS	TR030_D600	263.17	75.42	80.90		81.43	0.002723	3.24	81.12	20.45	0.52
GR	92.900*	Max WS	TR030_D650	261.77	75.42	80.88		81.42	0.002719	3.24	80.87	20.45	0.52
GR	92.900*	Max WS	TR030_D700	258.73	75.42	80.85		81.38	0.002712	3.22	80.30	20.45	0.52
GR	92.800*	Max WS	TR030_D450	262.17	75.46	80.79		81.28	0.002612	3.11	84.41	23.37	0.52
GR	92.800*	Max WS	TR030_D350	251.81	75.46	80.70		81.17	0.002582	3.06	82.31	23.17	0.52
GR	92.800*	Max WS	TR030_D400	258.51	75.46	80.75		81.24	0.002619	3.10	83.46	23.28	0.52
GR	92.800*	Max WS	TR030_D500	266.60	75.46	80.83		81.32	0.002624	3.13	85.30	23.45	0.52
GR	92.800*	Max WS	TR030_D550	268.28	75.46	80.84		81.34	0.002628	3.13	85.65	23.49	0.52
GR	92.800*	Max WS	TR030_D600	268.31	75.46	80.84		81.34	0.002628	3.13	85.66	23.49	0.52
GR	92.800*	Max WS	TR030_D650	266.86	75.46	80.83		81.33	0.002625	3.13	85.36	23.46	0.52
GR	92.800*	Max WS	TR030_D700	263.70	75.46	80.80		81.29	0.002616	3.11	84.72	23.40	0.52
GR	92.700*	Max WS	TR030_D450	262.39	75.49	80.73		81.18	0.002431	2.96	88.68	25.72	0.51
GR	92.700*	Max WS	TR030_D350	251.65	75.49	80.64		81.07	0.002400	2.91	86.41	25.49	0.51
GR	92.700*	Max WS	TR030_D400	257.47	75.49	80.69		81.13	0.002422	2.94	87.57	25.61	0.51
GR	92.700*	Max WS	TR030_D500	266.99	75.49	80.77		81.22	0.002444	2.98	89.65	25.83	0.51
GR	92.700*	Max WS	TR030_D550	268.73	75.49	80.78		81.24	0.002448	2.99	90.02	25.86	0.51
GR	92.700*	Max WS	TR030_D600	268.76	75.49	80.78		81.24	0.002448	2.99	90.03	25.87	0.51
GR	92.700*	Max WS	TR030_D650	267.26	75.49	80.77		81.22	0.002444	2.98	89.71	25.83	0.51
GR	92.700*	Max WS	TR030_D700	263.99	75.49	80.74		81.19	0.002436	2.97	89.01	25.76	0.51
GR	92.600*	Max WS	TR030_D450	261.69	75.53	80.68		81.09	0.002260	2.82	92.89	27.99	0.49
GR	92.600*	Max WS	TR030_D350	250.97	75.53	80.60		80.99	0.002232	2.77	90.46	27.65	0.49
GR	92.600*	Max WS	TR030_D400	256.45	75.53	80.64		81.04	0.002248	2.80	91.68	27.82	0.49
GR	92.600*	Max WS	TR030_D500	266.29	75.53	80.72		81.13	0.002271	2.84	93.93	28.13	0.50
GR	92.600*	Max WS	TR030_D550	268.04	75.53	80.73		81.15	0.002276	2.84	94.32	28.19	0.50
GR	92.600*	Max WS	TR030_D600	268.06	75.53	80.73		81.15	0.002275	2.84	94.33	28.19	0.50
GR	92.600*	Max WS	TR030_D650	266.57	75.53	80.72		81.13	0.002272	2.84	94.00	28.14	0.50
GR	92.600*	Max WS	TR030_D700	263.29	75.53	80.70		81.10	0.002264	2.82	93.25	28.04	0.49
GR	92.500*	Max WS	TR030_D450	261.35	75.57	80.64		81.01	0.002107	2.69	97.12	30.04	0.48
GR	92.500*	Max WS	TR030_D350	250.70	75.57	80.56		80.91	0.002085	2.65	94.54	29.68	0.47
GR	92.500*	Max WS	TR030_D400	256.04	75.57	80.60		80.96	0.002095	2.67	95.82	29.84	0.48
GR	92.500*	Max WS	TR030_D500	265.92	75.57	80.68		81.05	0.002117	2.71	98.22	30.20	0.48
GR	92.500*	Max WS	TR030_D550	267.64	75.57	80.69		81.07	0.002120	2.71	98.64	30.27	0.48
GR	92.500*	Max WS	TR030_D600	267.68	75.57	80.69		81.07	0.002120	2.71	98.65	30.27	0.48
GR	92.500*	Max WS	TR030_D650	266.19	75.57	80.68		81.06	0.002117	2.71	98.29	30.21	0.48
GR	92.500*	Max WS	TR030_D700	262.94	75.57	80.65		81.03	0.002110	2.70	97.50	30.09	0.48
GR	92.400*	Max WS	TR030_D450	261.25	75.61	80.61		80.94	0.001968	2.58	101.37	32.00	0.46
GR	92.400*	Max WS	TR030_D350	250.62	75.61	80.52		80.85	0.001959	2.54	98.64	31.74	0.46
GR	92.400*	Max WS	TR030_D400	255.92	75.61	80.56		80.90	0.001960	2.56	100.00	31.81	0.46
GR	92.400*	Max WS	TR030_D500	265.81	75.61	80.64		80.98	0.001977	2.59	102.55	32.20	0.46
GR	92.400*	Max WS	TR030_D550	267.54	75.61	80.66		81.00	0.001980	2.60	102.99	32.27	0.46
GR	92.400*	Max WS	TR030_D600	267.56	75.61	80.66		81.00	0.001980	2.60	103.00	32.27	0.46
GR	92.400*	Max WS	TR030_D650	266.08	75.61	80.64		80.99	0.001977	2.59	102.62	32.21	0.46
GR	92.400*	Max WS	TR030_D700	262.84	75.61	80.62		80.96	0.001971	2.58	101.78	32.07	0.46
GR	92.300*	Max WS	TR030_D450	261.22	75.65	80.57		80.88	0.001837	2.47	105.70	33.89	0.45
GR	92.300*	Max WS	TR030_D350	250.60	75.65	80.49		80.79	0.001839	2.44	102.80	33.73	0.45
GR	92.300*	Max WS	TR030_D400	255.89	75.65	80.53		80.84	0.001838	2.45	104.26	33.81	0.45
GR	92.300*	Max WS	TR030_D500	265.78	75.65	80.61		80.92	0.001844	2.49	106.94	34.08	0.45
GR	92.300*	Max WS	TR030_D550	267.50	75.65	80.62		80.94	0.001847	2.49	107.41	34.17	0.45
GR	92.300*	Max WS	TR030_D600	267.53	75.65	80.62		80.94	0.001847	2.49	107.42	34.17	0.45
GR	92.300*	Max WS	TR030_D650	266.05	75.65	80.61		80.93	0.001845	2.49	107.01	34.10	0.45
GR	92.300*	Max WS	TR030_D700	262.81	75.65	80.59		80.90	0.001838	2.48	106.13	33.93	0.45
GR	92.200*	Max WS	TR030_D450	261.22	75.68	80.54		80.83	0.001716	2.37	110.15	35.76	0.43
GR	92.200*	Max WS	TR030_D350	250.59	75.68	80.46		80.74	0.001719	2.34	107.09	35.58	0.43
GR	92.200*	Max WS	TR030_D400	255.88	75.68	80.50		80.78	0.001717	2.36	108.62	35.67	0.43
GR	92.200*	Max WS	TR030_D500	265.77	75.68	80.58		80.87	0.001714	2.38	111.45	35.84	0.43
GR	92.200*	Max WS	TR030_D550	267.49	75.68	80.59		80.88	0.001715	2.39	111.95	35.89	0.43
GR	92.200*	Max WS	TR030_D600	267.52	75.68	80.59		80.88	0.001715	2.39	111.95	35.89	0.43
GR	92.200*	Max WS	TR030_D650	266.04	75.68	80.58		80.87	0.001714	2.39	111.53	35.84	0.43
GR	92.200*	Max WS	TR030_D700	262.80	75.68	80.56		80.84	0.001715	2.38	110.60	35.79	0.43
GR	92.100*	Max WS	TR030_D450	260.60	75.72	80.51		80.79	0.001617	2.32	112.16	34.60	0.41
GR	92.100*	Max WS	TR030_D350	250.02	75.72	80.43		80.70	0.001617	2.29	109.20	34.53	0.41
GR	92.100*	Max WS	TR030_D400	255.29	75.72	80.47		80.74	0.001617	2.31	110.69	34.56	0.41
GR	92.100*	Max WS	TR030_D500	265.12	75.72	80.55		80.83	0.001618	2.34	113.42	34.63	0.41
GR	92.100*	Max WS	TR030_D550	266.83	75.72	80.56		80.84	0.001618	2.34	113.88	34.64	0.41
GR	92.100*	Max WS	TR030_D600	266.86	75.72	80.56		80.84	0.001618	2.34	113.89	34.64	0.41
GR	92.100*	Max WS	TR030_D650	265.40	75.72	80.55		80.83	0.001618	2.34	113.49	34.63	0.41
GR	92.100*	Max WS	TR030_D700	262.17	75.72	80.53		80.80	0.001618	2.33	112.59	34.61	0.41
GR	92	Max WS	TR030_D450	261.21	75.76	80.49		80.73	0.001471	2.18	119.71	39.23	0.40
GR	92	Max WS	TR030_D350	250.58	75.76	80.41		80.64	0.001475	2.15	116.36	39.00	0.40
GR	92	Max WS	TR030_D400	255.88	75.76	80.45		80.69	0.001473	2.17	118.03	39.12	0.40
GR	92	Max WS	TR030_D500	265.77	75.76	80.53		80.77	0.001470	2.19	121.13	39.32	0.40
GR	92	Max WS	TR030_D550	267.49	75.76	80.54		80.79	0.001469	2.20	121.67	39.36	0.40
GR	92	Max WS	TR030_D600	267.52	75.76	80.54		80.79	0.001469	2.20	121.68	39.36	0.40
GR	92	Max WS	TR030_D650	266.04	75.76	80.53		80.78	0.001469	2.19	121.21	39.33	0.40
GR	92	Max WS	TR030_D700	262.80	75.76	80.51		80.75	0.001470	2.19	120.21	39.26	0.40
GR	91	Max WS	TR030_D450	261.21	75.66	80.48	78.98	80.73	0.001518	2.21	118.29	40.21	0.41

HEC-RAS River: Greve Reach: GR 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
GR	91	Max WS	TR030_D350	250.58	76.56	80.39	78.92	80.63	0.001527	2.18	114.83	39.95	0.41
GR	91	Max WS	TR030_D400	255.88	76.56	80.43	78.95	80.68	0.001522	2.20	116.56	40.08	0.41
GR	91	Max WS	TR030_D500	265.77	76.56	80.51	79.00	80.76	0.001514	2.22	119.75	40.32	0.41
GR	91	Max WS	TR030_D550	267.49	76.56	80.53	79.01	80.78	0.001513	2.22	120.30	40.36	0.41
GR	91	Max WS	TR030_D600	267.52	76.56	80.53	79.01	80.78	0.001513	2.22	120.31	40.36	0.41
GR	91	Max WS	TR030_D650	266.04	76.56	80.52	79.00	80.77	0.001514	2.22	119.85	40.33	0.41
GR	91	Max WS	TR030_D700	262.80	76.56	80.49	78.98	80.74	0.001516	2.21	118.80	40.25	0.41
GR	90.5			Inl Struct									
GR	90	Max WS	TR030_D450	261.22	75.00	78.84		79.31	0.003596	3.04	85.93	33.76	0.61
GR	90	Max WS	TR030_D350	250.58	75.00	78.76		79.22	0.003673	3.01	83.12	33.71	0.61
GR	90	Max WS	TR030_D400	255.88	75.00	78.80		79.27	0.003628	3.03	84.57	33.74	0.61
GR	90	Max WS	TR030_D500	265.77	75.00	78.88		79.35	0.003569	3.05	87.09	33.78	0.61
GR	90	Max WS	TR030_D550	267.48	75.00	78.89		79.36	0.003558	3.06	87.53	33.79	0.61
GR	90	Max WS	TR030_D600	267.52	75.00	78.89		79.37	0.003557	3.06	87.55	33.79	0.61
GR	90	Max WS	TR030_D650	266.04	75.00	78.88		79.35	0.003563	3.05	87.19	33.78	0.61
GR	90	Max WS	TR030_D700	262.80	75.00	78.85		79.33	0.003579	3.04	86.39	33.77	0.61
GR	89.857*	Max WS	TR030_D450	261.06	74.84	78.77		79.26	0.003660	3.08	84.67	33.07	0.62
GR	89.857*	Max WS	TR030_D350	250.46	74.84	78.69		79.16	0.003707	3.06	81.89	32.72	0.62
GR	89.857*	Max WS	TR030_D400	255.74	74.84	78.73		79.21	0.003677	3.07	83.33	32.90	0.62
GR	89.857*	Max WS	TR030_D500	265.60	74.84	78.81		79.29	0.003645	3.09	85.82	33.22	0.61
GR	89.857*	Max WS	TR030_D550	267.31	74.84	78.82		79.31	0.003638	3.10	86.27	33.28	0.61
GR	89.857*	Max WS	TR030_D600	267.34	74.84	78.82		79.31	0.003638	3.10	86.28	33.28	0.61
GR	89.857*	Max WS	TR030_D650	265.87	74.84	78.81		79.30	0.003640	3.09	85.92	33.23	0.61
GR	89.857*	Max WS	TR030_D700	262.63	74.84	78.79		79.27	0.003647	3.08	85.13	33.13	0.61
GR	89.714*	Max WS	TR030_D450	260.83	74.67	78.70		79.20	0.003721	3.13	83.43	32.28	0.62
GR	89.714*	Max WS	TR030_D350	250.29	74.67	78.62		79.11	0.003783	3.10	80.68	32.03	0.62
GR	89.714*	Max WS	TR030_D400	255.55	74.67	78.66		79.15	0.003744	3.11	82.11	32.16	0.62
GR	89.714*	Max WS	TR030_D500	265.35	74.67	78.74		79.24	0.003700	3.14	84.56	32.39	0.62
GR	89.714*	Max WS	TR030_D550	267.06	74.67	78.75		79.25	0.003690	3.14	85.00	32.43	0.62
GR	89.714*	Max WS	TR030_D600	267.09	74.67	78.75		79.25	0.003689	3.14	85.01	32.43	0.62
GR	89.714*	Max WS	TR030_D650	265.63	74.67	78.74		79.24	0.003693	3.14	84.67	32.40	0.62
GR	89.714*	Max WS	TR030_D700	262.40	74.67	78.72		79.21	0.003704	3.13	83.89	32.32	0.62
GR	89.571*	Max WS	TR030_D450	260.46	74.51	78.63		79.14	0.003791	3.17	82.14	31.46	0.63
GR	89.571*	Max WS	TR030_D350	250.01	74.51	78.54		79.05	0.003854	3.15	79.42	31.18	0.63
GR	89.571*	Max WS	TR030_D400	255.23	74.51	78.59		79.10	0.003813	3.16	80.84	31.33	0.63
GR	89.571*	Max WS	TR030_D500	264.95	74.51	78.67		79.18	0.003770	3.18	83.26	31.58	0.63
GR	89.571*	Max WS	TR030_D550	266.64	74.51	78.68		79.20	0.003761	3.19	83.69	31.63	0.63
GR	89.571*	Max WS	TR030_D600	266.67	74.51	78.68		79.20	0.003760	3.19	83.70	31.63	0.63
GR	89.571*	Max WS	TR030_D650	265.22	74.51	78.67		79.18	0.003764	3.18	83.37	31.59	0.63
GR	89.571*	Max WS	TR030_D700	262.02	74.51	78.64		79.16	0.003774	3.17	82.60	31.51	0.63
GR	89.429*	Max WS	TR030_D450	259.84	74.35	78.56		79.09	0.003836	3.22	80.63	29.92	0.63
GR	89.429*	Max WS	TR030_D350	249.54	74.35	78.47		78.99	0.003892	3.20	78.02	29.67	0.63
GR	89.429*	Max WS	TR030_D400	254.69	74.35	78.52		79.04	0.003856	3.21	79.38	29.80	0.63
GR	89.429*	Max WS	TR030_D500	264.27	74.35	78.59		79.13	0.003820	3.23	81.70	30.02	0.63
GR	89.429*	Max WS	TR030_D550	265.94	74.35	78.61		79.14	0.003810	3.24	82.13	30.06	0.63
GR	89.429*	Max WS	TR030_D600	265.97	74.35	78.61		79.14	0.003809	3.24	82.14	30.06	0.63
GR	89.429*	Max WS	TR030_D650	264.53	74.35	78.60		79.13	0.003812	3.23	81.81	30.03	0.63
GR	89.429*	Max WS	TR030_D700	261.35	74.35	78.57		79.10	0.003819	3.22	81.08	29.96	0.63
GR	89.286*	Max WS	TR030_D450	260.14	74.19	78.48		79.03	0.003779	3.26	79.71	28.06	0.62
GR	89.286*	Max WS	TR030_D350	249.51	74.19	78.40		78.93	0.003834	3.23	77.23	28.06	0.62
GR	89.286*	Max WS	TR030_D400	254.85	74.19	78.44		78.98	0.003797	3.24	78.54	28.06	0.62
GR	89.286*	Max WS	TR030_D500	264.73	74.19	78.52		79.07	0.003764	3.28	80.72	28.06	0.62
GR	89.286*	Max WS	TR030_D550	266.48	74.19	78.53		79.08	0.003756	3.28	81.12	28.06	0.62
GR	89.286*	Max WS	TR030_D600	266.52	74.19	78.54		79.09	0.003756	3.29	81.13	28.06	0.62
GR	89.286*	Max WS	TR030_D650	265.01	74.19	78.52		79.07	0.003757	3.28	80.82	28.06	0.62
GR	89.286*	Max WS	TR030_D700	261.71	74.19	78.50		79.04	0.003762	3.27	80.14	28.06	0.62
GR	89.143*	Max WS	TR030_D450	260.92	74.02	78.41		78.98	0.003811	3.35	77.99	25.91	0.62
GR	89.143*	Max WS	TR030_D350	250.41	74.02	78.32		78.88	0.003829	3.31	75.69	25.73	0.62
GR	89.143*	Max WS	TR030_D400	255.64	74.02	78.37		78.93	0.003811	3.32	76.90	25.83	0.62
GR	89.143*	Max WS	TR030_D500	265.37	74.02	78.45		79.02	0.003809	3.36	78.92	25.98	0.62
GR	89.143*	Max WS	TR030_D550	267.04	74.02	78.46		79.04	0.003804	3.37	79.29	26.00	0.62
GR	89.143*	Max WS	TR030_D600	267.07	74.02	78.46		79.04	0.003804	3.37	79.30	26.00	0.62
GR	89.143*	Max WS	TR030_D650	265.63	74.02	78.45		79.03	0.003803	3.36	79.02	25.99	0.62
GR	89.143*	Max WS	TR030_D700	262.47	74.02	78.43		79.00	0.003801	3.35	78.38	25.94	0.62
GR	89	Max WS	TR030_D450	261.83	73.86	78.33		78.96	0.004054	3.50	74.81	23.04	0.62
GR	89	Max WS	TR030_D350	251.20	73.86	78.24		78.85	0.004038	3.45	72.78	22.89	0.62
GR	89	Max WS	TR030_D400	256.47	73.86	78.29		78.91	0.004037	3.47	73.85	22.97	0.62
GR	89	Max WS	TR030_D500	266.35	73.86	78.37		79.00	0.004066	3.52	75.64	23.10	0.62
GR	89	Max WS	TR030_D550	268.03	73.86	78.38		79.02	0.004066	3.53	75.97	23.13	0.62
GR	89	Max WS	TR030_D600	268.06	73.86	78.38		79.02	0.004066	3.53	75.98	23.13	0.62
GR	89	Max WS	TR030_D650	266.61	73.86	78.37		79.00	0.004060	3.52	75.73	23.11	0.62
GR	89	Max WS	TR030_D700	263.42	73.86	78.35		78.97	0.004049	3.50	75.17	23.07	0.62
GR	88	Max WS	TR030_D450	261.25	73.57	78.15		78.89	0.004778	3.81	68.59	20.78	0.67
GR	88	Max WS	TR030_D350	250.72	73.57	78.06		78.78	0.004720	3.75	66.80	20.53	0.66
GR	88	Max WS	TR030_D400	255.96	73.57	78.11		78.84	0.004737	3.78	67.76	20.67	0.67
GR	88	Max WS	TR030_D500	265.73	73.57	78.19		78.94	0.004807	3.83	69.31	20.88	0.67
GR	88	Max WS	TR030_D550	267.41	73.57	78.20		78.95	0.004814	3.84	69.61	20.92	0.67
GR	88	Max WS	TR030_D600	267.43	73.57	78.20		78.95	0.004813	3.84	69.62	20.92	0.67
GR	88	Max WS	TR030_D650	265.99	73.57	78.19		78.94	0.004800	3.83	69.40	20.89	0.67
GR	88	Max WS	TR030_D700	262.79	73.57	78.17		78.91	0.004775	3.81	68.91	20.82	0.67
GR	87.519*	Max WS	TR030_D450	261.17	73.92	78.11		78.79	0.004323	3.65	71.60	22.78	0.66
GR	87.519*	Max WS	TR030_D350	250.67	73.92	78.02		78.68	0.004277	3.60	69.67	22.48	0.65
GR	87.519*	Max WS	TR030_D400	255.89	73.92	78.07		78.74	0.004289	3.62	70.70	22.64	0.65
GR	87.519*	Max WS	TR030_D500	265.64	73.92	78.14		78.83	0.004347	3.67	72.38	22.90	0.66
GR	87.519*	Max WS	TR030_D550	267.33	73.92	78.15		78.84	0.004352	3.68	72.71	22.95	0.66
GR	87.519*	Max WS	TR030_D600	267.34	73.92	78.16		78.84	0.004351	3.68	72.71	22.95	0.66
GR	87.519*	Max WS	TR030_D650	265.90	73.92	78.14		78.83	0.004341	3.67	72.48	22.92	0.66

HEC-RAS River: Greve Reach: GR 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
GR	87.519*	Max WS	TR030_D700	262.72	73.92	78.12		78.80	0.004319	3.65	71.95	22.84	0.66
GR	87	Max WS	TR030_D450	261.12	74.30	78.06		78.63	0.003733	3.36	77.72	25.24	0.61
GR	87	Max WS	TR030_D350	250.63	74.30	77.97		78.53	0.003693	3.31	75.61	24.88	0.61
GR	87	Max WS	TR030_D400	255.85	74.30	78.02		78.58	0.003704	3.33	76.74	25.07	0.61
GR	87	Max WS	TR030_D500	265.59	74.30	78.09		78.67	0.003754	3.38	78.57	25.38	0.61
GR	87	Max WS	TR030_D550	267.27	74.30	78.10		78.69	0.003757	3.39	78.92	25.44	0.61
GR	87	Max WS	TR030_D600	267.28	74.30	78.10		78.69	0.003757	3.39	78.93	25.45	0.61
GR	87	Max WS	TR030_D650	265.83	74.30	78.09		78.68	0.003748	3.38	78.67	25.40	0.61
GR	87	Max WS	TR030_D700	262.66	74.30	78.07		78.65	0.003729	3.36	78.10	25.31	0.61
GR	86	Max WS	TR030_D450	261.28	73.08	77.96		78.70	0.006817	3.81	68.60	28.00	0.78
GR	86	Max WS	TR030_D350	250.69	73.08	77.88		78.61	0.006997	3.78	66.24	27.92	0.78
GR	86	Max WS	TR030_D400	255.95	73.08	77.92		78.65	0.006882	3.79	67.49	27.96	0.78
GR	86	Max WS	TR030_D500	265.80	73.08	78.00		78.74	0.006759	3.82	69.55	28.03	0.77
GR	86	Max WS	TR030_D550	267.50	73.08	78.01		78.76	0.006727	3.82	69.95	28.04	0.77
GR	86	Max WS	TR030_D600	267.52	73.08	78.01		78.76	0.006723	3.82	69.96	28.04	0.77
GR	86	Max WS	TR030_D650	266.05	73.08	78.00		78.74	0.006733	3.82	69.68	28.03	0.77
GR	86	Max WS	TR030_D700	262.84	73.08	77.98		78.72	0.006762	3.81	69.04	28.01	0.77
GR	85	Max WS	TR030_D450	260.54	73.07	77.76		78.46	0.004771	3.72	70.09	22.50	0.67
GR	85	Max WS	TR030_D350	250.26	73.07	77.67		78.36	0.004782	3.67	68.15	22.39	0.67
GR	85	Max WS	TR030_D400	255.37	73.07	77.72		78.41	0.004766	3.69	69.17	22.45	0.67
GR	85	Max WS	TR030_D500	264.88	73.07	77.80		78.51	0.004767	3.74	70.90	22.54	0.67
GR	85	Max WS	TR030_D550	266.51	73.07	77.81		78.52	0.004759	3.74	71.24	22.56	0.67
GR	85	Max WS	TR030_D600	266.54	73.07	77.81		78.53	0.004757	3.74	71.26	22.56	0.67
GR	85	Max WS	TR030_D650	265.10	73.07	77.80		78.51	0.004752	3.73	71.02	22.54	0.67
GR	85	Max WS	TR030_D700	262.06	73.07	77.78		78.48	0.004747	3.72	70.49	22.52	0.67
GR	84.833*	Max WS	TR030_D450	259.78	73.00	77.70		78.34	0.004483	3.53	73.57	25.43	0.66
GR	84.833*	Max WS	TR030_D350	249.75	73.00	77.61		78.24	0.004528	3.50	71.41	25.30	0.66
GR	84.833*	Max WS	TR030_D400	254.71	73.00	77.66		78.29	0.004494	3.51	72.55	25.37	0.66
GR	84.833*	Max WS	TR030_D500	264.04	73.00	77.73		78.38	0.004467	3.55	74.47	25.48	0.66
GR	84.833*	Max WS	TR030_D550	265.62	73.00	77.75		78.39	0.004452	3.55	74.86	25.50	0.66
GR	84.833*	Max WS	TR030_D600	265.69	73.00	77.75		78.39	0.004452	3.55	74.87	25.50	0.66
GR	84.833*	Max WS	TR030_D650	264.25	73.00	77.74		78.38	0.004449	3.54	74.61	25.49	0.66
GR	84.833*	Max WS	TR030_D700	261.25	73.00	77.72		78.35	0.004452	3.53	74.02	25.45	0.66
GR	84.667*	Max WS	TR030_D450	259.84	72.93	77.65		78.23	0.004289	3.39	76.72	27.81	0.65
GR	84.667*	Max WS	TR030_D350	249.86	72.93	77.56		78.14	0.004371	3.36	74.35	27.81	0.65
GR	84.667*	Max WS	TR030_D400	254.86	72.93	77.61		78.18	0.004319	3.37	75.60	27.81	0.65
GR	84.667*	Max WS	TR030_D500	264.01	72.93	77.68		78.27	0.004257	3.40	77.70	27.81	0.65
GR	84.667*	Max WS	TR030_D550	265.56	72.93	77.70		78.29	0.004236	3.40	78.12	27.81	0.65
GR	84.667*	Max WS	TR030_D600	265.54	72.93	77.70		78.29	0.004233	3.40	78.13	27.81	0.65
GR	84.667*	Max WS	TR030_D650	264.21	72.93	77.69		78.27	0.004237	3.39	77.85	27.81	0.65
GR	84.667*	Max WS	TR030_D700	261.21	72.93	77.66		78.25	0.004248	3.38	77.22	27.81	0.65
GR	84.500*	Max WS	TR030_D450	257.34	72.86	77.60		78.14	0.004235	3.27	78.71	29.59	0.64
GR	84.500*	Max WS	TR030_D350	247.64	72.86	77.51		78.05	0.004341	3.25	76.20	29.59	0.65
GR	84.500*	Max WS	TR030_D400	252.40	72.86	77.56		78.10	0.004272	3.26	77.52	29.59	0.64
GR	84.500*	Max WS	TR030_D500	261.45	72.86	77.63		78.18	0.004195	3.28	79.76	29.59	0.64
GR	84.500*	Max WS	TR030_D550	262.97	72.86	77.65		78.19	0.004171	3.28	80.20	29.59	0.64
GR	84.500*	Max WS	TR030_D600	262.93	72.86	77.65		78.19	0.004165	3.28	80.23	29.59	0.64
GR	84.500*	Max WS	TR030_D650	261.63	72.86	77.64		78.18	0.004174	3.27	79.92	29.59	0.64
GR	84.500*	Max WS	TR030_D700	258.65	72.86	77.61		78.16	0.004188	3.26	79.25	29.59	0.64
GR	84.333*	Max WS	TR030_D450	259.58	72.78	77.55		78.07	0.004217	3.20	81.21	31.70	0.64
GR	84.333*	Max WS	TR030_D350	249.53	72.78	77.46		77.98	0.004338	3.18	78.48	31.70	0.65
GR	84.333*	Max WS	TR030_D400	254.50	72.78	77.51		78.03	0.004263	3.18	79.91	31.70	0.64
GR	84.333*	Max WS	TR030_D500	263.78	72.78	77.59		78.11	0.004171	3.20	82.33	31.70	0.63
GR	84.333*	Max WS	TR030_D550	265.33	72.78	77.60		78.12	0.004143	3.20	82.81	31.70	0.63
GR	84.333*	Max WS	TR030_D600	265.27	72.78	77.60		78.12	0.004137	3.20	82.84	31.70	0.63
GR	84.333*	Max WS	TR030_D650	263.96	72.78	77.59		78.11	0.004147	3.20	82.51	31.70	0.63
GR	84.333*	Max WS	TR030_D700	260.93	72.78	77.57		78.09	0.004165	3.19	81.80	31.70	0.63
GR	84.167*	Max WS	TR030_D450	260.82	72.71	77.50		77.98	0.004324	3.08	84.60	36.82	0.65
GR	84.167*	Max WS	TR030_D350	250.48	72.71	77.41		77.90	0.004499	3.08	81.43	36.75	0.66
GR	84.167*	Max WS	TR030_D400	255.66	72.71	77.46		77.94	0.004395	3.08	83.10	36.79	0.65
GR	84.167*	Max WS	TR030_D500	265.07	72.71	77.54		78.02	0.004254	3.09	85.91	36.85	0.65
GR	84.167*	Max WS	TR030_D550	266.65	72.71	77.55		78.04	0.004215	3.08	86.48	36.86	0.64
GR	84.167*	Max WS	TR030_D600	266.63	72.71	77.55		78.04	0.004211	3.08	86.50	36.86	0.64
GR	84.167*	Max WS	TR030_D650	265.25	72.71	77.54		78.03	0.004225	3.08	86.13	36.85	0.64
GR	84.167*	Max WS	TR030_D700	262.21	72.71	77.52		78.00	0.004257	3.07	85.30	36.83	0.65
GR	84	Max WS	TR030_D450	259.70	72.64	77.42		77.90	0.004631	3.05	85.24	39.80	0.66
GR	84	Max WS	TR030_D350	249.89	72.64	77.33		77.81	0.004904	3.06	81.72	39.74	0.68
GR	84	Max WS	TR030_D400	254.87	72.64	77.38		77.85	0.004747	3.05	83.59	39.77	0.67
GR	84	Max WS	TR030_D500	263.72	72.64	77.46		77.93	0.004524	3.04	86.70	39.83	0.66
GR	84	Max WS	TR030_D550	266.79	72.64	77.47		77.95	0.004527	3.06	87.31	39.84	0.66
GR	84	Max WS	TR030_D600	266.77	72.64	77.48		77.95	0.004520	3.05	87.35	39.84	0.66
GR	84	Max WS	TR030_D650	263.83	72.64	77.46		77.93	0.004488	3.03	86.94	39.83	0.66
GR	84	Max WS	TR030_D700	260.89	72.64	77.44		77.91	0.004538	3.03	86.03	39.82	0.66
GR	83	Max WS	TR030_D450	258.83	72.46	77.22		77.74	0.003538	3.18	81.37	28.89	0.61
GR	83	Max WS	TR030_D350	248.43	72.46	77.13		77.64	0.003629	3.16	78.59	28.86	0.61
GR	83	Max WS	TR030_D400	253.69	72.46	77.18		77.69	0.003571	3.17	80.09	28.89	0.61
GR	83	Max WS	TR030_D500	262.74	72.46	77.26		77.78	0.003493	3.18	82.51	28.89	0.60
GR	83	Max WS	TR030_D550	264.56	72.46	77.28		77.80	0.003475	3.19	83.01	28.89	0.60
GR	83	Max WS	TR030_D600	264.66	72.46	77.28		77.80	0.003475	3.19	83.04	28.89	0.60
GR	83	Max WS	TR030_D650	263.50	72.46	77.27		77.79	0.003485	3.19	82.72	28.89	0.60
GR	83	Max WS	TR030_D700	260.82	72.46	77.25		77.76	0.003506	3.18	82.02	28.89	0.60
GR	82	Max WS	TR030_D450	264.94	72.71	77.05		77.49	0.002876	2.92	90.62	30.83	0.54
GR	82	Max WS	TR030_D350	252.24	72.71	76.95		77.37	0.002905	2.88	87.52	30.83	0.55
GR	82	Max WS	TR030_D400	258.51	72.71	77.01		77.43	0.002876	2.90	89.20	30.83	0.54
GR	82	Max WS	TR030_D500	269.42	72.71	77.09		77.53	0.002847	2.93	91.90	30.83	0.54
GR	82	Max WS	TR030_D550	271.60	72.71	77.11		77.55	0.002840	2.94	92.45	30.83	0.54
GR	82	Max WS	TR030_D600	271.73	72.71	77.11		77.55	0.002839	2.94	92.49	30.83	0.54

HEC-RAS River: Greve Reach: GR 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
GR	82	Max WS	TR030_D650	270.31	72.71	77.10		77.54	0.002844	2.93	92.13	30.83	0.54
GR	82	Max WS	TR030_D700	267.01	72.71	77.08		77.51	0.002850	2.92	91.35	30.83	0.54
GR	81	Max WS	TR030_D450	254.83	72.46	76.80		77.64	0.005478	4.07	62.60	18.40	0.70
GR	81	Max WS	TR030_D350	242.98	72.46	76.70		77.51	0.005432	4.00	60.79	18.40	0.70
GR	81	Max WS	TR030_D400	249.47	72.46	76.75		77.58	0.005459	4.04	61.78	18.40	0.70
GR	81	Max WS	TR030_D500	259.78	72.46	76.84		77.69	0.005498	4.10	63.35	18.40	0.71
GR	81	Max WS	TR030_D550	261.93	72.46	76.85		77.72	0.005506	4.11	63.67	18.40	0.71
GR	81	Max WS	TR030_D600	262.06	72.46	76.85		77.72	0.005505	4.11	63.69	18.40	0.71
GR	81	Max WS	TR030_D650	260.67	72.46	76.84		77.70	0.005500	4.11	63.49	18.40	0.71
GR	81	Max WS	TR030_D700	257.70	72.46	76.82		77.67	0.005491	4.09	63.03	18.40	0.71
GR	80.800*	Max WS	TR030_D450	264.82	72.54	76.68		77.46	0.004942	3.90	67.93	21.25	0.70
GR	80.800*	Max WS	TR030_D350	252.11	72.54	76.58		77.33	0.004905	3.83	65.87	21.16	0.69
GR	80.800*	Max WS	TR030_D400	259.07	72.54	76.64		77.40	0.004928	3.87	66.99	21.21	0.69
GR	80.800*	Max WS	TR030_D500	270.10	72.54	76.72		77.51	0.004957	3.93	68.78	21.28	0.70
GR	80.800*	Max WS	TR030_D550	272.40	72.54	76.74		77.53	0.004963	3.94	69.15	21.30	0.70
GR	80.800*	Max WS	TR030_D600	272.54	72.54	76.74		77.53	0.004963	3.94	69.18	21.30	0.70
GR	80.800*	Max WS	TR030_D650	271.05	72.54	76.73		77.52	0.004959	3.93	68.94	21.29	0.70
GR	80.800*	Max WS	TR030_D700	267.87	72.54	76.70		77.49	0.004952	3.92	68.42	21.27	0.70
GR	80.600*	Max WS	TR030_D450	271.81	72.62	76.57		77.28	0.004584	3.74	72.77	23.79	0.68
GR	80.600*	Max WS	TR030_D350	258.46	72.62	76.47		77.16	0.004558	3.67	70.49	23.70	0.68
GR	80.600*	Max WS	TR030_D400	265.59	72.62	76.53		77.23	0.004569	3.70	71.72	23.75	0.68
GR	80.600*	Max WS	TR030_D500	277.16	72.62	76.61		77.33	0.004588	3.76	73.70	23.82	0.68
GR	80.600*	Max WS	TR030_D550	279.59	72.62	76.63		77.35	0.004593	3.77	74.11	23.84	0.68
GR	80.600*	Max WS	TR030_D600	279.73	72.62	76.63		77.35	0.004593	3.77	74.13	23.84	0.68
GR	80.600*	Max WS	TR030_D650	278.17	72.62	76.62		77.34	0.004590	3.77	73.87	23.83	0.68
GR	80.600*	Max WS	TR030_D700	274.82	72.62	76.59		77.31	0.004586	3.75	73.30	23.81	0.68
GR	80.400*	Max WS	TR030_D450	270.81	72.69	76.46		77.09	0.004150	3.51	77.13	26.30	0.65
GR	80.400*	Max WS	TR030_D350	257.61	72.69	76.37		76.97	0.004142	3.45	74.66	26.18	0.65
GR	80.400*	Max WS	TR030_D400	265.60	72.69	76.42		77.04	0.004170	3.49	76.01	26.24	0.66
GR	80.400*	Max WS	TR030_D500	277.36	72.69	76.50		77.14	0.004179	3.55	78.18	26.34	0.66
GR	80.400*	Max WS	TR030_D550	279.83	72.69	76.52		77.16	0.004182	3.56	78.62	26.35	0.66
GR	80.400*	Max WS	TR030_D600	279.97	72.69	76.52		77.16	0.004182	3.56	78.64	26.35	0.66
GR	80.400*	Max WS	TR030_D650	278.39	72.69	76.51		77.15	0.004180	3.55	78.36	26.34	0.66
GR	80.400*	Max WS	TR030_D700	275.02	72.69	76.48		77.12	0.004181	3.54	77.73	26.32	0.66
GR	80.200*	Max WS	TR030_D450	269.51	72.77	76.36		76.92	0.003779	3.31	81.42	28.56	0.63
GR	80.200*	Max WS	TR030_D350	256.44	72.77	76.27		76.81	0.003780	3.26	78.77	28.42	0.62
GR	80.200*	Max WS	TR030_D400	263.73	72.77	76.32		76.87	0.003786	3.29	80.21	28.49	0.63
GR	80.200*	Max WS	TR030_D500	275.34	72.77	76.40		76.97	0.003789	3.34	82.51	28.62	0.63
GR	80.200*	Max WS	TR030_D550	277.74	72.77	76.42		76.99	0.003789	3.35	82.99	28.65	0.63
GR	80.200*	Max WS	TR030_D600	277.88	72.77	76.42		76.99	0.003790	3.35	83.02	28.65	0.63
GR	80.200*	Max WS	TR030_D650	276.34	72.77	76.41		76.98	0.003789	3.34	82.71	28.63	0.63
GR	80.200*	Max WS	TR030_D700	272.91	72.77	76.38		76.95	0.003789	3.33	82.03	28.59	0.63
GR	80	Max WS	TR030_D450	268.77	72.85	76.28		76.78	0.003460	3.13	85.83	30.83	0.60
GR	80	Max WS	TR030_D350	255.76	72.85	76.19		76.67	0.003470	3.08	82.99	30.68	0.60
GR	80	Max WS	TR030_D400	262.77	72.85	76.24		76.73	0.003466	3.11	84.51	30.76	0.60
GR	80	Max WS	TR030_D500	274.17	72.85	76.32		76.82	0.003457	3.15	86.98	30.89	0.60
GR	80	Max WS	TR030_D550	276.54	72.85	76.33		76.84	0.003456	3.16	87.49	30.91	0.60
GR	80	Max WS	TR030_D600	276.67	72.85	76.33		76.84	0.003456	3.16	87.52	30.91	0.60
GR	80	Max WS	TR030_D650	275.16	72.85	76.32		76.83	0.003456	3.16	87.20	30.90	0.60
GR	80	Max WS	TR030_D700	271.81	72.85	76.30		76.80	0.003459	3.14	86.47	30.86	0.60
GR	79.2	Max WS	TR030_D450	268.70	73.05	76.25		76.69	0.003087	2.92	92.06	32.98	0.56
GR	79.2	Max WS	TR030_D350	255.69	73.05	76.16		76.58	0.003103	2.87	89.04	32.93	0.56
GR	79.2	Max WS	TR030_D400	262.68	73.05	76.21		76.64	0.003096	2.90	90.65	32.95	0.56
GR	79.2	Max WS	TR030_D500	274.06	73.05	76.29		76.73	0.003083	2.94	93.28	33.00	0.56
GR	79.2	Max WS	TR030_D550	276.43	73.05	76.30		76.75	0.003080	2.95	93.82	33.01	0.56
GR	79.2	Max WS	TR030_D600	276.56	73.05	76.31		76.75	0.003080	2.95	93.85	33.01	0.56
GR	79.2	Max WS	TR030_D650	275.05	73.05	76.30		76.74	0.003081	2.94	93.51	33.00	0.56
GR	79.2	Max WS	TR030_D700	271.70	73.05	76.27		76.71	0.003085	2.93	92.74	32.99	0.56
GR	79	Max WS	TR030_D450	268.65	73.05	76.25	75.33	76.68	0.003108	2.92	91.85	32.97	0.56
GR	79	Max WS	TR030_D350	255.64	73.05	76.15	75.26	76.58	0.003125	2.88	88.83	32.92	0.56
GR	79	Max WS	TR030_D400	262.60	73.05	76.20	75.31	76.63	0.003116	2.90	90.45	32.95	0.56
GR	79	Max WS	TR030_D500	273.97	73.05	76.28	75.36	76.72	0.003102	2.94	93.08	32.99	0.56
GR	79	Max WS	TR030_D550	276.33	73.05	76.30	75.37	76.74	0.003100	2.95	93.61	33.00	0.56
GR	79	Max WS	TR030_D600	276.47	73.05	76.30	75.37	76.74	0.003099	2.95	93.64	33.00	0.56
GR	79	Max WS	TR030_D650	274.96	73.05	76.29	75.36	76.73	0.003101	2.95	93.30	33.00	0.56
GR	79	Max WS	TR030_D700	271.62	73.05	76.27	75.35	76.71	0.003105	2.94	92.53	32.98	0.56
GR	78.5			Inl Struct									
GR	78	Max WS	TR030_D450	268.59	70.89	74.92		75.37	0.002988	2.94	91.29	31.94	0.56
GR	78	Max WS	TR030_D350	255.64	70.89	74.81		75.25	0.003059	2.91	87.74	31.81	0.56
GR	78	Max WS	TR030_D400	262.56	70.89	74.87		75.31	0.003019	2.93	89.65	31.88	0.56
GR	78	Max WS	TR030_D500	273.90	70.89	74.97		75.41	0.002965	2.95	92.70	31.99	0.55
GR	78	Max WS	TR030_D550	276.15	70.89	74.99		75.43	0.002948	2.96	93.36	32.01	0.55
GR	78	Max WS	TR030_D600	276.34	70.89	74.99		75.44	0.002943	2.96	93.46	32.01	0.55
GR	78	Max WS	TR030_D650	274.89	70.89	74.98		75.42	0.002953	2.95	93.04	32.00	0.55
GR	78	Max WS	TR030_D700	271.59	70.89	74.95		75.39	0.002969	2.95	92.15	31.97	0.55
GR	77.909*	Max WS	TR030_D450	268.45	70.76	74.87		75.30	0.002820	2.91	92.18	31.54	0.54
GR	77.909*	Max WS	TR030_D350	255.51	70.76	74.75		75.18	0.002880	2.88	88.63	31.38	0.55
GR	77.909*	Max WS	TR030_D400	262.39	70.76	74.82		75.24	0.002846	2.90	90.54	31.47	0.55
GR	77.909*	Max WS	TR030_D500	273.69	70.76	74.91		75.35	0.002800	2.92	93.57	31.60	0.54
GR	77.909*	Max WS	TR030_D550	275.93	70.76	74.93		75.37	0.002786	2.93	94.24	31.63	0.54
GR	77.909*	Max WS	TR030_D600	276.10	70.76	74.94		75.37	0.002781	2.93	94.34	31.64	0.54
GR	77.909*	Max WS	TR030_D650	274.68	70.76	74.92		75.36	0.002790	2.92	93.91	31.62	0.54
GR	77.909*	Max WS	TR030_D700	271.39	70.76	74.89		75.33	0.002803	2.92	93.03	31.58	0.54
GR	77.818*	Max WS	TR030_D450	268.40	70.63	74.81		75.24	0.002676	2.88	93.22	31.58	0.54
GR	77.818*	Max WS	TR030_D350	255.47	70.63	74.70		75.11	0.002728	2.85	89.63	31.36	0.54
GR	77.818*	Max WS	TR030_D400	262.31	70.63	74.76		75.18	0.002699	2.87	91.54	31.48	0.54

HEC-RAS River: Greve Reach: GR 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
GR	77.818*	Max WS	TR030_D500	273.61	70.63	74.86		75.29	0.002658	2.89	94.62	31.67	0.53
GR	77.818*	Max WS	TR030_D550	275.82	70.63	74.88		75.31	0.002644	2.89	95.30	31.71	0.53
GR	77.818*	Max WS	TR030_D600	276.01	70.63	74.88		75.31	0.002640	2.89	95.40	31.71	0.53
GR	77.818*	Max WS	TR030_D650	274.58	70.63	74.87		75.30	0.002648	2.89	94.97	31.69	0.53
GR	77.818*	Max WS	TR030_D700	271.31	70.63	74.84		75.27	0.002660	2.88	94.07	31.63	0.53
GR	77.727*	Max WS	TR030_D450	268.38	70.51	74.76		75.18	0.002570	2.86	93.96	31.24	0.53
GR	77.727*	Max WS	TR030_D350	255.46	70.51	74.65		75.06	0.002614	2.83	90.39	31.04	0.53
GR	77.727*	Max WS	TR030_D400	262.27	70.51	74.71		75.12	0.002588	2.84	92.30	31.15	0.53
GR	77.727*	Max WS	TR030_D500	273.57	70.51	74.81		75.23	0.002555	2.87	95.37	31.31	0.52
GR	77.727*	Max WS	TR030_D550	275.78	70.51	74.83		75.25	0.002542	2.87	96.04	31.35	0.52
GR	77.727*	Max WS	TR030_D600	275.98	70.51	74.83		75.25	0.002538	2.87	96.14	31.35	0.52
GR	77.727*	Max WS	TR030_D650	274.56	70.51	74.82		75.24	0.002545	2.87	95.72	31.33	0.52
GR	77.727*	Max WS	TR030_D700	271.27	70.51	74.79		75.21	0.002555	2.86	94.82	31.28	0.52
GR	77.636*	Max WS	TR030_D450	268.37	70.38	74.69		75.19	0.002869	3.13	85.86	25.26	0.54
GR	77.636*	Max WS	TR030_D350	255.45	70.38	74.58		75.06	0.002880	3.08	82.99	25.23	0.54
GR	77.636*	Max WS	TR030_D400	262.27	70.38	74.64		75.13	0.002872	3.10	84.53	25.25	0.54
GR	77.636*	Max WS	TR030_D500	273.56	70.38	74.73		75.24	0.002867	3.15	86.98	25.27	0.54
GR	77.636*	Max WS	TR030_D550	275.77	70.38	74.76		75.26	0.002859	3.15	87.52	25.28	0.54
GR	77.636*	Max WS	TR030_D600	275.97	70.38	74.76		75.26	0.002856	3.15	87.59	25.28	0.54
GR	77.636*	Max WS	TR030_D650	274.55	70.38	74.74		75.25	0.002860	3.15	87.26	25.27	0.54
GR	77.636*	Max WS	TR030_D700	271.27	70.38	74.72		75.22	0.002862	3.13	86.54	25.27	0.54
GR	77.545*	Max WS	TR030_D450	268.36	70.25	74.63		75.06	0.002597	2.90	92.51	30.19	0.53
GR	77.545*	Max WS	TR030_D350	255.45	70.25	74.52		74.94	0.002640	2.87	89.08	30.07	0.53
GR	77.545*	Max WS	TR030_D400	262.25	70.25	74.58		75.00	0.002614	2.88	90.93	30.14	0.53
GR	77.545*	Max WS	TR030_D500	273.55	70.25	74.67		75.11	0.002582	2.91	93.85	30.23	0.53
GR	77.545*	Max WS	TR030_D550	275.73	70.25	74.70		75.13	0.002569	2.92	94.50	30.24	0.53
GR	77.545*	Max WS	TR030_D600	275.95	70.25	74.70		75.13	0.002565	2.92	94.59	30.24	0.53
GR	77.545*	Max WS	TR030_D650	274.54	70.25	74.69		75.12	0.002572	2.91	94.19	30.23	0.53
GR	77.545*	Max WS	TR030_D700	271.25	70.25	74.66		75.09	0.002582	2.91	93.34	30.22	0.53
GR	77.455*	Max WS	TR030_D450	268.35	70.13	74.58		75.02	0.002628	2.93	91.64	29.35	0.53
GR	77.455*	Max WS	TR030_D350	255.44	70.13	74.46		74.89	0.002667	2.89	88.29	29.23	0.53
GR	77.455*	Max WS	TR030_D400	262.25	70.13	74.53		74.96	0.002643	2.91	90.09	29.29	0.53
GR	77.455*	Max WS	TR030_D500	273.54	70.13	74.62		75.06	0.002617	2.94	92.93	29.39	0.53
GR	77.455*	Max WS	TR030_D550	275.74	70.13	74.64		75.09	0.002604	2.95	93.57	29.41	0.53
GR	77.455*	Max WS	TR030_D600	275.94	70.13	74.65		75.09	0.002600	2.95	93.67	29.42	0.53
GR	77.455*	Max WS	TR030_D650	274.52	70.13	74.63		75.08	0.002607	2.94	93.27	29.40	0.53
GR	77.455*	Max WS	TR030_D700	271.25	70.13	74.61		75.04	0.002615	2.93	92.44	29.37	0.53
GR	77.364*	Max WS	TR030_D450	268.35	70.00	74.53		74.97	0.002667	2.95	90.92	28.98	0.53
GR	77.364*	Max WS	TR030_D350	255.44	70.00	74.41		74.84	0.002705	2.92	87.60	28.85	0.53
GR	77.364*	Max WS	TR030_D400	262.24	70.00	74.47		74.91	0.002682	2.93	89.38	28.92	0.53
GR	77.364*	Max WS	TR030_D500	273.54	70.00	74.57		75.02	0.002656	2.97	92.20	29.04	0.53
GR	77.364*	Max WS	TR030_D550	275.72	70.00	74.59		75.04	0.002643	2.97	92.85	29.06	0.53
GR	77.364*	Max WS	TR030_D600	275.92	70.00	74.60		75.04	0.002639	2.97	92.94	29.07	0.53
GR	77.364*	Max WS	TR030_D650	274.52	70.00	74.58		75.03	0.002646	2.97	92.54	29.05	0.53
GR	77.364*	Max WS	TR030_D700	271.25	70.00	74.55		75.00	0.002654	2.96	91.72	29.02	0.53
GR	77.273*	Max WS	TR030_D450	268.35	69.87	74.47		74.93	0.002759	2.98	89.98	28.91	0.54
GR	77.273*	Max WS	TR030_D350	255.44	69.87	74.36		74.80	0.002796	2.95	86.65	28.70	0.54
GR	77.273*	Max WS	TR030_D400	262.25	69.87	74.42		74.87	0.002773	2.97	88.44	28.82	0.54
GR	77.273*	Max WS	TR030_D500	273.53	69.87	74.52		74.97	0.002748	3.00	91.27	28.99	0.54
GR	77.273*	Max WS	TR030_D550	275.71	69.87	74.54		75.00	0.002735	3.00	91.91	29.03	0.54
GR	77.273*	Max WS	TR030_D600	275.90	69.87	74.54		75.00	0.002730	3.00	92.01	29.04	0.54
GR	77.273*	Max WS	TR030_D650	274.52	69.87	74.53		74.99	0.002738	3.00	91.61	29.01	0.54
GR	77.273*	Max WS	TR030_D700	271.25	69.87	74.50		74.96	0.002746	2.99	90.78	28.96	0.54
GR	77.182*	Max WS	TR030_D450	268.34	69.74	74.42		74.88	0.002983	3.01	89.05	29.81	0.56
GR	77.182*	Max WS	TR030_D350	255.44	69.74	74.30		74.75	0.003012	2.98	85.61	29.37	0.56
GR	77.182*	Max WS	TR030_D400	262.24	69.74	74.36		74.82	0.002994	3.00	87.45	29.60	0.56
GR	77.182*	Max WS	TR030_D500	273.53	69.74	74.46		74.93	0.002974	3.03	90.40	29.97	0.56
GR	77.182*	Max WS	TR030_D550	275.69	69.74	74.48		74.95	0.002960	3.03	91.07	30.06	0.56
GR	77.182*	Max WS	TR030_D600	275.90	69.74	74.49		74.95	0.002955	3.03	91.17	30.07	0.55
GR	77.182*	Max WS	TR030_D650	274.51	69.74	74.47		74.94	0.002963	3.02	90.75	30.02	0.56
GR	77.182*	Max WS	TR030_D700	271.24	69.74	74.44		74.91	0.002969	3.02	89.89	29.91	0.56
GR	77.091*	Max WS	TR030_D450	267.58	69.62	74.36		74.81	0.003134	2.99	89.38	31.24	0.57
GR	77.091*	Max WS	TR030_D350	255.06	69.62	74.24		74.69	0.003244	2.98	85.71	31.24	0.57
GR	77.091*	Max WS	TR030_D400	261.68	69.62	74.30		74.76	0.003180	2.98	87.69	31.24	0.57
GR	77.091*	Max WS	TR030_D500	272.58	69.62	74.40		74.86	0.003096	3.00	90.80	31.24	0.56
GR	77.091*	Max WS	TR030_D550	274.64	69.62	74.43		74.88	0.003068	3.00	91.51	31.24	0.56
GR	77.091*	Max WS	TR030_D600	274.85	69.62	74.43		74.89	0.003060	3.00	91.63	31.24	0.56
GR	77.091*	Max WS	TR030_D650	273.51	69.62	74.41		74.87	0.003077	3.00	91.18	31.24	0.56
GR	77.091*	Max WS	TR030_D700	270.38	69.62	74.39		74.84	0.003102	3.00	90.27	31.24	0.56
GR	77	Max WS	TR030_D450	265.09	69.49	74.28		74.60	0.002560	2.53	107.38	46.29	0.50
GR	77	Max WS	TR030_D350	253.45	69.49	74.15		74.48	0.002760	2.55	101.74	46.29	0.52
GR	77	Max WS	TR030_D400	259.60	69.49	74.22		74.54	0.002646	2.54	104.79	46.29	0.51
GR	77	Max WS	TR030_D500	269.74	69.49	74.32		74.64	0.002494	2.53	109.54	46.29	0.50
GR	77	Max WS	TR030_D550	271.60	69.49	74.35		74.66	0.002449	2.52	110.69	46.29	0.49
GR	77	Max WS	TR030_D600	271.77	69.49	74.35		74.67	0.002439	2.52	110.87	46.29	0.49
GR	77	Max WS	TR030_D650	270.57	69.49	74.34		74.65	0.002466	2.52	110.16	46.29	0.50
GR	77	Max WS	TR030_D700	267.69	69.49	74.31		74.63	0.002510	2.53	108.77	46.29	0.50
GR	76.900*	Max WS	TR030_D450	263.74	69.41	74.19		74.65	0.003207	3.01	87.54	30.52	0.57
GR	76.900*	Max WS	TR030_D350	252.35	69.41	74.07		74.53	0.003351	3.01	83.90	30.52	0.58
GR	76.900*	Max WS	TR030_D400	258.43	69.41	74.14		74.60	0.003270	3.01	85.87	30.52	0.57
GR	76.900*	Max WS	TR030_D500	268.20	69.41	74.24		74.70	0.003157	3.02	88.94	30.52	0.56
GR	76.900*	Max WS	TR030_D550	269.99	69.41	74.26		74.72	0.003120	3.01	89.66	30.52	0.56
GR	76.900*	Max WS	TR030_D600	270.20	69.41	74.26		74.73	0.003112	3.01	89.78	30.52	0.56
GR	76.900*	Max WS	TR030_D650	269.15	69.41	74.25		74.71	0.003137	3.01	89.33	30.52	0.56
GR	76.900*	Max WS	TR030_D700	266.55	69.41	74.22		74.68	0.003174	3.01	88.43	30.52	0.57
GR	76.800*	Max WS	TR030_D450	260.22	69.33	74.13		74.57	0.003033	2.96	87.90	30.36	0.56
GR	76.800*	Max WS	TR030_D350	249.57	69.33	74.01		74.45	0.003191	2.96	84.18	30.36	0.57

HEC-RAS River: Greve Reach: GR 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
GR	76.800*	Max WS	TR030_D400	255.25	69.33	74.07		74.52	0.003101	2.96	86.20	30.36	0.56
GR	76.800*	Max WS	TR030_D500	264.39	69.33	74.17		74.62	0.002977	2.96	89.34	30.36	0.55
GR	76.800*	Max WS	TR030_D550	266.01	69.33	74.20		74.64	0.002937	2.95	90.08	30.36	0.55
GR	76.800*	Max WS	TR030_D600	266.20	69.33	74.20		74.65	0.002928	2.95	90.21	30.36	0.55
GR	76.800*	Max WS	TR030_D650	265.23	69.33	74.19		74.63	0.002954	2.96	89.74	30.36	0.55
GR	76.800*	Max WS	TR030_D700	262.83	69.33	74.16		74.60	0.002996	2.96	88.82	30.36	0.55
GR	76.700*	Max WS	TR030_D450	257.14	69.24	74.07		74.50	0.002892	2.92	88.18	30.20	0.54
GR	76.700*	Max WS	TR030_D350	247.23	69.24	73.94		74.38	0.003067	2.93	84.37	30.20	0.56
GR	76.700*	Max WS	TR030_D400	252.51	69.24	74.01		74.45	0.002968	2.92	86.43	30.20	0.55
GR	76.700*	Max WS	TR030_D500	261.01	69.24	74.12		74.55	0.002832	2.91	89.64	30.20	0.54
GR	76.700*	Max WS	TR030_D550	262.45	69.24	74.14		74.57	0.002787	2.90	90.42	30.20	0.54
GR	76.700*	Max WS	TR030_D600	262.62	69.24	74.15		74.58	0.002778	2.90	90.55	30.20	0.53
GR	76.700*	Max WS	TR030_D650	261.77	69.24	74.13		74.56	0.002807	2.91	90.07	30.20	0.54
GR	76.700*	Max WS	TR030_D700	259.56	69.24	74.10		74.53	0.002853	2.91	89.11	30.20	0.54
GR	76.600*	Max WS	TR030_D450	253.96	69.16	74.02		74.44	0.002776	2.88	88.32	30.04	0.54
GR	76.600*	Max WS	TR030_D350	244.75	69.16	73.88		74.31	0.002969	2.90	84.39	30.04	0.55
GR	76.600*	Max WS	TR030_D400	249.63	69.16	73.96		74.38	0.002859	2.89	86.52	30.04	0.54
GR	76.600*	Max WS	TR030_D500	257.52	69.16	74.07		74.48	0.002709	2.87	89.82	30.04	0.53
GR	76.600*	Max WS	TR030_D550	258.84	69.16	74.09		74.51	0.002660	2.86	90.65	30.04	0.52
GR	76.600*	Max WS	TR030_D600	258.96	69.16	74.10		74.51	0.002651	2.85	90.77	30.04	0.52
GR	76.600*	Max WS	TR030_D650	258.22	69.16	74.08		74.50	0.002682	2.86	90.27	30.04	0.53
GR	76.600*	Max WS	TR030_D700	256.22	69.16	74.05		74.47	0.002732	2.87	89.28	30.04	0.53
GR	76.500*	Max WS	TR030_D450	251.87	69.08	73.96		74.38	0.002664	2.86	88.08	29.15	0.53
GR	76.500*	Max WS	TR030_D350	243.31	69.08	73.83		74.25	0.002853	2.89	84.16	29.00	0.54
GR	76.500*	Max WS	TR030_D400	247.85	69.08	73.90		74.32	0.002746	2.87	86.27	29.08	0.53
GR	76.500*	Max WS	TR030_D500	255.21	69.08	74.01		74.43	0.002599	2.85	89.58	29.21	0.52
GR	76.500*	Max WS	TR030_D550	256.38	69.08	74.04		74.45	0.002550	2.84	90.42	29.25	0.51
GR	76.500*	Max WS	TR030_D600	256.48	69.08	74.05		74.46	0.002541	2.83	90.55	29.25	0.51
GR	76.500*	Max WS	TR030_D650	255.82	69.08	74.03		74.44	0.002572	2.84	90.03	29.23	0.52
GR	76.500*	Max WS	TR030_D700	253.96	69.08	74.00		74.41	0.002621	2.85	89.04	29.19	0.52
GR	76.400*	Max WS	TR030_D450	254.11	69.00	73.91		74.33	0.002721	2.89	88.01	29.11	0.53
GR	76.400*	Max WS	TR030_D350	245.20	69.00	73.77		74.20	0.002888	2.92	84.04	28.71	0.54
GR	76.400*	Max WS	TR030_D400	249.95	69.00	73.84		74.27	0.002793	2.90	86.19	28.93	0.54
GR	76.400*	Max WS	TR030_D500	257.52	69.00	73.96		74.38	0.002661	2.88	89.55	29.27	0.52
GR	76.400*	Max WS	TR030_D550	258.65	69.00	73.99		74.41	0.002613	2.86	90.41	29.35	0.52
GR	76.400*	Max WS	TR030_D600	258.76	69.00	73.99		74.41	0.002603	2.86	90.55	29.37	0.52
GR	76.400*	Max WS	TR030_D650	258.11	69.00	73.98		74.39	0.002634	2.87	90.01	29.31	0.52
GR	76.400*	Max WS	TR030_D700	256.28	69.00	73.94		74.36	0.002682	2.88	88.99	29.21	0.53
GR	76.300*	Max WS	TR030_D450	257.58	68.92	73.85		74.29	0.002732	2.94	87.57	27.92	0.53
GR	76.300*	Max WS	TR030_D350	247.93	68.92	73.71		74.16	0.002905	2.96	83.72	27.87	0.55
GR	76.300*	Max WS	TR030_D400	253.08	68.92	73.78		74.23	0.002806	2.95	85.81	27.90	0.54
GR	76.300*	Max WS	TR030_D500	261.27	68.92	73.90		74.34	0.002676	2.93	89.05	28.02	0.53
GR	76.300*	Max WS	TR030_D550	262.56	68.92	73.93		74.36	0.002630	2.92	89.88	28.07	0.52
GR	76.300*	Max WS	TR030_D600	262.70	68.92	73.93		74.37	0.002621	2.92	90.02	28.08	0.52
GR	76.300*	Max WS	TR030_D650	261.96	68.92	73.92		74.35	0.002650	2.93	89.51	28.04	0.52
GR	76.300*	Max WS	TR030_D700	259.93	68.92	73.88		74.32	0.002696	2.94	88.51	27.98	0.53
GR	76.200*	Max WS	TR030_D450	261.24	68.83	73.78		74.24	0.002831	3.00	87.09	27.58	0.54
GR	76.200*	Max WS	TR030_D350	250.63	68.83	73.65		74.11	0.002991	3.01	83.26	27.54	0.55
GR	76.200*	Max WS	TR030_D400	256.29	68.83	73.72		74.18	0.002899	3.00	85.34	27.56	0.54
GR	76.200*	Max WS	TR030_D500	265.31	68.83	73.84		74.30	0.002775	3.00	88.55	27.60	0.53
GR	76.200*	Max WS	TR030_D550	266.80	68.83	73.87		74.32	0.002728	2.99	89.38	27.60	0.53
GR	76.200*	Max WS	TR030_D600	266.95	68.83	73.87		74.33	0.002718	2.98	89.51	27.60	0.53
GR	76.200*	Max WS	TR030_D650	266.10	68.83	73.85		74.31	0.002749	2.99	89.00	27.60	0.53
GR	76.200*	Max WS	TR030_D700	263.83	68.83	73.82		74.28	0.002795	3.00	88.02	27.59	0.54
GR	76.100*	Max WS	TR030_D450	265.57	68.75	73.72		74.20	0.002980	3.07	86.37	27.25	0.55
GR	76.100*	Max WS	TR030_D350	253.82	68.75	73.58		74.06	0.003124	3.07	82.58	27.22	0.56
GR	76.100*	Max WS	TR030_D400	260.09	68.75	73.66		74.14	0.003041	3.07	84.65	27.24	0.56
GR	76.100*	Max WS	TR030_D500	270.08	68.75	73.77		74.26	0.002930	3.08	87.81	27.27	0.55
GR	76.100*	Max WS	TR030_D550	271.80	68.75	73.80		74.28	0.002885	3.07	88.63	27.28	0.54
GR	76.100*	Max WS	TR030_D600	272.00	68.75	73.81		74.29	0.002875	3.06	88.77	27.28	0.54
GR	76.100*	Max WS	TR030_D650	270.99	68.75	73.79		74.27	0.002905	3.07	88.26	27.27	0.55
GR	76.100*	Max WS	TR030_D700	268.43	68.75	73.75		74.24	0.002947	3.08	87.29	27.26	0.55
GR	76	Max WS	TR030_D450	267.38	68.67	73.66		74.16	0.003099	3.13	85.53	26.93	0.56
GR	76	Max WS	TR030_D350	255.24	68.67	73.52		74.01	0.003245	3.12	81.73	26.90	0.57
GR	76	Max WS	TR030_D400	261.69	68.67	73.59		74.09	0.003159	3.12	83.81	26.92	0.57
GR	76	Max WS	TR030_D500	272.10	68.67	73.71		74.21	0.003051	3.13	86.96	26.95	0.56
GR	76	Max WS	TR030_D550	273.94	68.67	73.74		74.24	0.003004	3.12	87.79	26.95	0.55
GR	76	Max WS	TR030_D600	274.15	68.67	73.75		74.24	0.002994	3.12	87.93	26.96	0.55
GR	76	Max WS	TR030_D650	273.07	68.67	73.73		74.22	0.003024	3.12	87.41	26.95	0.55
GR	76	Max WS	TR030_D700	270.36	68.67	73.69		74.19	0.003067	3.13	86.45	26.94	0.56
GR	75.920*	Max WS	TR030_D450	266.06	68.61	73.60		74.07	0.002981	3.06	86.98	28.06	0.55
GR	75.920*	Max WS	TR030_D350	254.57	68.61	73.45		73.93	0.003157	3.07	82.93	28.03	0.57
GR	75.920*	Max WS	TR030_D400	260.67	68.61	73.53		74.01	0.003055	3.06	85.14	28.06	0.56
GR	75.920*	Max WS	TR030_D500	270.54	68.61	73.65		74.13	0.002922	3.06	88.50	28.06	0.55
GR	75.920*	Max WS	TR030_D550	272.23	68.61	73.68		74.15	0.002868	3.04	89.40	28.06	0.54
GR	75.920*	Max WS	TR030_D600	272.42	68.61	73.69		74.16	0.002858	3.04	89.55	28.06	0.54
GR	75.920*	Max WS	TR030_D650	271.43	68.61	73.67		74.14	0.002892	3.05	88.99	28.06	0.55
GR	75.920*	Max WS	TR030_D700	268.91	68.61	73.63		74.11	0.002942	3.06	87.96	28.06	0.55
GR	75.840*	Max WS	TR030_D450	266.00	68.55	73.54		74.00	0.002790	3.01	88.28	27.83	0.54
GR	75.840*	Max WS	TR030_D350	254.57	68.55	73.39		73.86	0.002889	3.02	84.21	27.20	0.55
GR	75.840*	Max WS	TR030_D400	260.66	68.55	73.47		73.93	0.002831	3.02	86.43	27.55	0.54
GR	75.840*	Max WS	TR030_D500	270.40	68.55	73.59		74.05	0.002755	3.01	89.83	28.07	0.54
GR	75.840*	Max WS	TR030_D550	272.02	68.55	73.63		74.08	0.002715	3.00	90.75	28.21	0.53
GR	75.840*	Max WS	TR030_D600	272.20	68.55	73.63		74.09	0.002705	2.99	90.92	28.24	0.53
GR	75.840*	Max WS	TR030_D650	271.27	68.55	73.61		74.07	0.002733	3.00	90.33	28.15	0.54
GR	75.840*	Max WS	TR030_D700	268.80	68.55	73.57		74.04	0.002767	3.01	89.27	27.99	0.54
GR	75.760*	Max WS	TR030_D450	265.42	68.49	73.49		73.93	0.002477	2.97	89.43	25.75	0.51

HEC-RAS River: Greve Reach: GR 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
GR	75.760*	Max WS	TR030_D350	254.38	68.49	73.33		73.79	0.002602	2.97	85.55	25.75	0.52
GR	75.760*	Max WS	TR030_D400	260.29	68.49	73.42		73.87	0.002529	2.97	87.68	25.75	0.51
GR	75.760*	Max WS	TR030_D500	269.62	68.49	73.54		73.99	0.002435	2.97	90.88	25.75	0.50
GR	75.760*	Max WS	TR030_D550	271.10	68.49	73.58		74.02	0.002391	2.95	91.76	25.75	0.50
GR	75.760*	Max WS	TR030_D600	271.25	68.49	73.58		74.03	0.002381	2.95	91.92	25.75	0.50
GR	75.760*	Max WS	TR030_D650	270.41	68.49	73.56		74.01	0.002410	2.96	91.37	25.75	0.50
GR	75.760*	Max WS	TR030_D700	268.09	68.49	73.52		73.97	0.002450	2.97	90.36	25.75	0.51
GR	75.680*	Max WS	TR030_D450	264.04	68.43	73.44		73.87	0.002365	2.89	91.39	26.56	0.50
GR	75.680*	Max WS	TR030_D350	253.89	68.43	73.28		73.72	0.002515	2.91	87.27	26.56	0.51
GR	75.680*	Max WS	TR030_D400	259.34	68.43	73.37		73.80	0.002428	2.90	89.53	26.56	0.50
GR	75.680*	Max WS	TR030_D500	267.92	68.43	73.50		73.92	0.002314	2.88	92.93	26.56	0.49
GR	75.680*	Max WS	TR030_D550	269.27	68.43	73.53		73.95	0.002267	2.87	93.87	26.56	0.49
GR	75.680*	Max WS	TR030_D600	269.39	68.43	73.54		73.96	0.002257	2.86	94.04	26.56	0.49
GR	75.680*	Max WS	TR030_D650	268.63	68.43	73.52		73.94	0.002288	2.87	93.45	26.56	0.49
GR	75.680*	Max WS	TR030_D700	266.49	68.43	73.48		73.90	0.002332	2.88	92.37	26.56	0.49
GR	75.600*	Max WS	TR030_D450	263.43	68.37	73.40		73.80	0.002296	2.83	93.21	27.68	0.49
GR	75.600*	Max WS	TR030_D350	253.84	68.37	73.24		73.65	0.002469	2.86	88.82	27.61	0.51
GR	75.600*	Max WS	TR030_D400	259.06	68.37	73.32		73.73	0.002370	2.84	91.23	27.65	0.50
GR	75.600*	Max WS	TR030_D500	267.11	68.37	73.45		73.86	0.002238	2.82	94.87	27.70	0.49
GR	75.600*	Max WS	TR030_D550	268.41	68.37	73.49		73.89	0.002187	2.80	95.89	27.72	0.48
GR	75.600*	Max WS	TR030_D600	268.51	68.37	73.50		73.90	0.002176	2.79	96.08	27.72	0.48
GR	75.600*	Max WS	TR030_D650	267.79	68.37	73.48		73.88	0.002209	2.81	95.43	27.71	0.48
GR	75.600*	Max WS	TR030_D700	265.74	68.37	73.43		73.84	0.002257	2.82	94.28	27.70	0.49
GR	75.520*	Max WS	TR030_D450	263.34	68.31	73.35		73.75	0.002266	2.78	94.72	28.55	0.49
GR	75.520*	Max WS	TR030_D350	253.84	68.31	73.19		73.59	0.002424	2.82	90.10	28.07	0.50
GR	75.520*	Max WS	TR030_D400	259.05	68.31	73.28		73.68	0.002340	2.80	92.62	28.40	0.49
GR	75.520*	Max WS	TR030_D500	266.87	68.31	73.41		73.80	0.002201	2.77	96.47	28.58	0.48
GR	75.520*	Max WS	TR030_D550	268.09	68.31	73.45		73.84	0.002147	2.75	97.56	28.59	0.48
GR	75.520*	Max WS	TR030_D600	268.19	68.31	73.46		73.84	0.002136	2.74	97.75	28.59	0.47
GR	75.520*	Max WS	TR030_D650	267.50	68.31	73.43		73.82	0.002171	2.76	97.06	28.59	0.48
GR	75.520*	Max WS	TR030_D700	265.55	68.31	73.39		73.78	0.002224	2.77	95.84	28.57	0.48
GR	75.440*	Max WS	TR030_D450	262.53	68.25	73.31		73.70	0.002156	2.75	95.55	27.42	0.47
GR	75.440*	Max WS	TR030_D350	253.36	68.25	73.14		73.54	0.002329	2.78	90.98	27.36	0.49
GR	75.440*	Max WS	TR030_D400	258.34	68.25	73.24		73.62	0.002230	2.76	93.49	27.42	0.48
GR	75.440*	Max WS	TR030_D500	266.22	68.25	73.37		73.75	0.002100	2.74	97.27	27.42	0.46
GR	75.440*	Max WS	TR030_D550	267.63	68.25	73.41		73.79	0.002053	2.72	98.33	27.42	0.46
GR	75.440*	Max WS	TR030_D600	267.77	68.25	73.42		73.80	0.002043	2.72	98.52	27.42	0.46
GR	75.440*	Max WS	TR030_D650	266.95	68.25	73.39		73.77	0.002073	2.73	97.85	27.42	0.46
GR	75.440*	Max WS	TR030_D700	264.83	68.25	73.35		73.73	0.002118	2.74	96.65	27.42	0.47
GR	75.360*	Max WS	TR030_D450	264.80	68.19	73.27		73.65	0.002299	2.74	96.63	29.05	0.48
GR	75.360*	Max WS	TR030_D350	253.36	68.19	73.10		73.49	0.002461	2.76	91.79	29.00	0.50
GR	75.360*	Max WS	TR030_D400	259.43	68.19	73.19		73.57	0.002367	2.75	94.45	29.05	0.49
GR	75.360*	Max WS	TR030_D500	269.31	68.19	73.33		73.71	0.002246	2.74	98.45	29.05	0.47
GR	75.360*	Max WS	TR030_D550	271.04	68.19	73.37		73.74	0.002195	2.72	99.60	29.05	0.47
GR	75.360*	Max WS	TR030_D600	271.22	68.19	73.37		73.75	0.002184	2.72	99.80	29.05	0.47
GR	75.360*	Max WS	TR030_D650	270.22	68.19	73.35		73.73	0.002217	2.73	99.07	29.05	0.47
GR	75.360*	Max WS	TR030_D700	267.67	68.19	73.31		73.69	0.002264	2.74	97.80	29.05	0.48
GR	75.280*	Max WS	TR030_D450	269.59	68.13	73.21		73.60	0.002408	2.77	97.50	29.64	0.49
GR	75.280*	Max WS	TR030_D350	256.43	68.13	73.05		73.44	0.002555	2.77	92.59	29.64	0.50
GR	75.280*	Max WS	TR030_D400	263.41	68.13	73.14		73.53	0.002468	2.76	95.29	29.64	0.49
GR	75.280*	Max WS	TR030_D500	274.77	68.13	73.27		73.66	0.002362	2.77	99.33	29.64	0.48
GR	75.280*	Max WS	TR030_D550	276.88	68.13	73.31		73.70	0.002313	2.76	100.50	29.64	0.48
GR	75.280*	Max WS	TR030_D600	277.12	68.13	73.32		73.71	0.002302	2.75	100.72	29.64	0.48
GR	75.280*	Max WS	TR030_D650	275.89	68.13	73.30		73.68	0.002334	2.76	99.97	29.64	0.48
GR	75.280*	Max WS	TR030_D700	272.89	68.13	73.25		73.64	0.002378	2.77	98.67	29.64	0.48
GR	75.2	Max WS	TR030_D450	269.99	68.07	73.16		73.55	0.002514	2.73	98.78	31.88	0.50
GR	75.2	Max WS	TR030_D350	256.63	68.07	73.00		73.38	0.002671	2.75	93.45	31.43	0.51
GR	75.2	Max WS	TR030_D400	263.72	68.07	73.09		73.47	0.002578	2.74	96.38	31.67	0.50
GR	75.2	Max WS	TR030_D500	275.26	68.07	73.23		73.61	0.002464	2.73	100.79	32.04	0.49
GR	75.2	Max WS	TR030_D550	277.43	68.07	73.27		73.64	0.002411	2.72	102.10	32.15	0.49
GR	75.2	Max WS	TR030_D600	277.68	68.07	73.28		73.65	0.002399	2.71	102.33	32.17	0.49
GR	75.2	Max WS	TR030_D650	276.41	68.07	73.25		73.63	0.002434	2.72	101.51	32.10	0.49
GR	75.2	Max WS	TR030_D700	273.35	68.07	73.20		73.58	0.002482	2.73	100.06	31.98	0.49
GR	75	Max WS	TR030_D450	269.99	68.07	73.15	71.40	73.54	0.002429	2.76	97.88	31.84	0.49
GR	75	Max WS	TR030_D350	256.63	68.07	72.98	71.32	73.37	0.002603	2.76	92.82	31.40	0.50
GR	75	Max WS	TR030_D400	263.72	68.07	73.08	71.36	73.46	0.002499	2.76	95.61	31.64	0.50
GR	75	Max WS	TR030_D500	275.26	68.07	73.21	71.43	73.60	0.002374	2.76	99.77	32.01	0.48
GR	75	Max WS	TR030_D550	277.43	68.07	73.25	71.45	73.64	0.002320	2.75	100.99	32.12	0.48
GR	75	Max WS	TR030_D600	277.68	68.07	73.26	71.45	73.65	0.002308	2.74	101.21	32.14	0.48
GR	75	Max WS	TR030_D650	276.41	68.07	73.24	71.44	73.62	0.002343	2.75	100.44	32.07	0.48
GR	75	Max WS	TR030_D700	273.35	68.07	73.19	71.42	73.58	0.002394	2.76	99.09	31.95	0.49
GR	74			Bridge									
GR	73	Max WS	TR030_D450	269.99	68.13	72.82		73.35	0.003064	3.21	84.14	23.90	0.54
GR	73	Max WS	TR030_D350	256.63	68.13	72.69		73.20	0.003122	3.17	81.01	23.46	0.54
GR	73	Max WS	TR030_D400	263.72	68.13	72.76		73.28	0.003083	3.19	82.74	23.71	0.54
GR	73	Max WS	TR030_D500	275.25	68.13	72.87		73.41	0.003047	3.23	85.33	24.07	0.54
GR	73	Max WS	TR030_D550	277.42	68.13	72.91		73.44	0.002992	3.22	86.24	24.20	0.53
GR	73	Max WS	TR030_D600	277.67	68.13	72.92		73.45	0.002976	3.21	86.44	24.23	0.53
GR	73	Max WS	TR030_D650	276.41	68.13	72.90		73.43	0.003015	3.22	85.83	24.14	0.53
GR	73	Max WS	TR030_D700	273.34	68.13	72.86		73.38	0.003053	3.22	84.89	24.01	0.54
GR	72.9			Lat Struct									
GR	72.85			Lat Struct									
GR	72.8	Max WS	TR030_D450	269.99	68.13	72.82		73.34	0.003178	3.21	84.01	23.88	0.55
GR	72.8	Max WS	TR030_D350	256.64	68.13	72.68		73.19	0.003182	3.18	80.82	23.43	0.55
GR	72.8	Max WS	TR030_D400	263.72	68.13	72.75		73.27	0.003174	3.19	82.58	23.68	0.55

HEC-RAS River: Greve Reach: GR 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
GR	72.8	Max WS	TR030_D500	275.26	68.13	72.87		73.40	0.003179	3.23	85.24	24.04	0.55
GR	72.8	Max WS	TR030_D550	277.42	68.13	72.91		73.43	0.003134	3.22	86.21	24.17	0.54
GR	72.8	Max WS	TR030_D600	277.67	68.13	72.91		73.44	0.003121	3.21	86.41	24.20	0.54
GR	72.8	Max WS	TR030_D650	276.41	68.13	72.89		73.42	0.003153	3.22	85.77	24.12	0.55
GR	72.8	Max WS	TR030_D700	273.35	68.13	72.85		73.38	0.003179	3.22	84.79	23.98	0.55
GR	72.667*	Max WS	TR030_D450	269.98	68.05	72.76		73.27	0.003095	3.17	85.12	24.82	0.55
GR	72.667*	Max WS	TR030_D350	256.63	68.05	72.62		73.12	0.003118	3.14	81.82	24.47	0.55
GR	72.667*	Max WS	TR030_D400	263.72	68.05	72.70		73.20	0.003101	3.15	83.62	24.66	0.55
GR	72.667*	Max WS	TR030_D500	275.26	68.05	72.81		73.32	0.003088	3.19	86.39	24.95	0.55
GR	72.667*	Max WS	TR030_D550	277.42	68.05	72.85		73.36	0.003035	3.17	87.42	25.05	0.54
GR	72.667*	Max WS	TR030_D600	277.67	68.05	72.86		73.37	0.003020	3.17	87.63	25.07	0.54
GR	72.667*	Max WS	TR030_D650	276.41	68.05	72.83		73.34	0.003057	3.18	86.96	25.01	0.54
GR	72.667*	Max WS	TR030_D700	273.35	68.05	72.79		73.30	0.003090	3.18	85.93	24.90	0.55
GR	72.533*	Max WS	TR030_D450	269.98	67.96	72.70		73.19	0.002974	3.12	86.50	25.49	0.54
GR	72.533*	Max WS	TR030_D350	256.63	67.96	72.56		73.05	0.003010	3.09	83.12	25.21	0.54
GR	72.533*	Max WS	TR030_D400	263.72	67.96	72.64		73.13	0.002986	3.10	84.96	25.36	0.54
GR	72.533*	Max WS	TR030_D500	275.26	67.96	72.75		73.25	0.002962	3.13	87.82	25.60	0.54
GR	72.533*	Max WS	TR030_D550	277.42	67.96	72.79		73.29	0.002906	3.12	88.89	25.69	0.54
GR	72.533*	Max WS	TR030_D600	277.67	67.96	72.80		73.29	0.002891	3.12	89.12	25.71	0.53
GR	72.533*	Max WS	TR030_D650	276.41	67.96	72.77		73.27	0.002929	3.13	88.42	25.65	0.54
GR	72.533*	Max WS	TR030_D700	273.35	67.96	72.73		73.23	0.002966	3.13	87.34	25.56	0.54
GR	72.400*	Max WS	TR030_D450	269.98	67.88	72.64		73.12	0.002832	3.06	88.12	26.02	0.53
GR	72.400*	Max WS	TR030_D350	256.63	67.88	72.51		72.98	0.002873	3.03	84.65	25.77	0.53
GR	72.400*	Max WS	TR030_D400	263.72	67.88	72.58		73.05	0.002846	3.05	86.55	25.91	0.53
GR	72.400*	Max WS	TR030_D500	275.25	67.88	72.69		73.18	0.002818	3.08	89.48	26.12	0.53
GR	72.400*	Max WS	TR030_D550	277.42	67.88	72.74		73.21	0.002760	3.06	90.61	26.20	0.53
GR	72.400*	Max WS	TR030_D600	277.67	67.88	72.75		73.22	0.002744	3.06	90.85	26.21	0.52
GR	72.400*	Max WS	TR030_D650	276.41	67.88	72.72		73.20	0.002784	3.07	90.10	26.16	0.53
GR	72.400*	Max WS	TR030_D700	273.34	67.88	72.67		73.16	0.002823	3.07	88.98	26.08	0.53
GR	72.267*	Max WS	TR030_D450	269.98	67.79	72.59		73.05	0.002679	3.00	89.98	26.47	0.52
GR	72.267*	Max WS	TR030_D350	256.63	67.79	72.45		72.90	0.002723	2.97	86.41	26.25	0.52
GR	72.267*	Max WS	TR030_D400	263.71	67.79	72.53		72.98	0.002694	2.98	88.36	26.37	0.52
GR	72.267*	Max WS	TR030_D500	275.25	67.79	72.64		73.10	0.002664	3.01	91.35	26.56	0.52
GR	72.267*	Max WS	TR030_D550	277.42	67.79	72.69		73.14	0.002607	3.00	92.54	26.63	0.51
GR	72.267*	Max WS	TR030_D600	277.67	67.79	72.70		73.15	0.002591	2.99	92.79	26.65	0.51
GR	72.267*	Max WS	TR030_D650	276.40	67.79	72.67		73.13	0.002631	3.00	92.01	26.60	0.52
GR	72.267*	Max WS	TR030_D700	273.34	67.79	72.62		73.08	0.002670	3.01	90.85	26.53	0.52
GR	72.133*	Max WS	TR030_D450	269.98	67.70	72.54		72.98	0.002523	2.93	92.04	26.87	0.51
GR	72.133*	Max WS	TR030_D350	256.63	67.70	72.40		72.83	0.002566	2.90	88.40	26.67	0.51
GR	72.133*	Max WS	TR030_D400	263.72	67.70	72.48		72.91	0.002538	2.92	90.39	26.78	0.51
GR	72.133*	Max WS	TR030_D500	275.25	67.70	72.59		73.03	0.002508	2.95	93.45	26.95	0.51
GR	72.133*	Max WS	TR030_D550	277.42	67.70	72.64		73.08	0.002451	2.93	94.70	27.02	0.50
GR	72.133*	Max WS	TR030_D600	277.67	67.70	72.65		73.08	0.002435	2.92	94.96	27.03	0.50
GR	72.133*	Max WS	TR030_D650	276.40	67.70	72.62		73.06	0.002475	2.94	94.14	26.98	0.50
GR	72.133*	Max WS	TR030_D700	273.34	67.70	72.57		73.01	0.002513	2.94	92.94	26.92	0.51
GR	72	Max WS	TR030_D450	269.98	67.62	72.49		72.91	0.002378	2.86	94.35	27.34	0.49
GR	72	Max WS	TR030_D350	256.63	67.62	72.36		72.77	0.002420	2.83	90.61	27.12	0.49
GR	72	Max WS	TR030_D400	263.71	67.62	72.43		72.85	0.002393	2.85	92.66	27.24	0.49
GR	72	Max WS	TR030_D500	275.25	67.62	72.55		72.97	0.002364	2.87	95.79	27.42	0.49
GR	72	Max WS	TR030_D550	277.42	67.62	72.59		73.01	0.002307	2.86	97.10	27.50	0.49
GR	72	Max WS	TR030_D600	277.67	67.62	72.60		73.02	0.002292	2.85	97.37	27.52	0.48
GR	72	Max WS	TR030_D650	276.40	67.62	72.57		72.99	0.002331	2.86	96.52	27.47	0.49
GR	72	Max WS	TR030_D700	273.34	67.62	72.53		72.95	0.002369	2.87	95.26	27.39	0.49
GR	71.889*	Max WS	TR030_D450	269.98	67.47	72.45		72.87	0.002428	2.88	93.73	27.45	0.50
GR	71.889*	Max WS	TR030_D350	256.63	67.47	72.31		72.73	0.002477	2.85	89.95	27.26	0.50
GR	71.889*	Max WS	TR030_D400	263.71	67.47	72.39		72.81	0.002444	2.87	92.03	27.37	0.50
GR	71.889*	Max WS	TR030_D500	275.25	67.47	72.50		72.93	0.002411	2.89	95.18	27.53	0.50
GR	71.889*	Max WS	TR030_D550	277.42	67.47	72.55		72.97	0.002350	2.87	96.53	27.60	0.49
GR	71.889*	Max WS	TR030_D600	277.67	67.47	72.56		72.98	0.002333	2.87	96.82	27.61	0.49
GR	71.889*	Max WS	TR030_D650	276.40	67.47	72.53		72.95	0.002376	2.88	95.93	27.57	0.49
GR	71.889*	Max WS	TR030_D700	273.34	67.47	72.48		72.91	0.002417	2.89	94.66	27.50	0.50
GR	71.778*	Max WS	TR030_D450	269.98	67.32	72.40		72.83	0.002510	2.90	92.96	27.74	0.51
GR	71.778*	Max WS	TR030_D350	256.63	67.32	72.26		72.68	0.002571	2.88	89.11	27.55	0.51
GR	71.778*	Max WS	TR030_D400	263.71	67.32	72.34		72.76	0.002532	2.89	91.23	27.66	0.51
GR	71.778*	Max WS	TR030_D500	275.25	67.32	72.45		72.89	0.002490	2.91	94.44	27.82	0.51
GR	71.778*	Max WS	TR030_D550	277.42	67.32	72.50		72.93	0.002423	2.89	95.83	27.89	0.50
GR	71.778*	Max WS	TR030_D600	277.67	67.32	72.51		72.94	0.002404	2.89	96.14	27.90	0.50
GR	71.778*	Max WS	TR030_D650	276.40	67.32	72.48		72.91	0.002451	2.90	95.22	27.86	0.50
GR	71.778*	Max WS	TR030_D700	273.34	67.32	72.43		72.87	0.002498	2.91	93.90	27.79	0.51
GR	71.667*	Max WS	TR030_D450	269.98	67.18	72.35		72.79	0.002482	2.95	91.44	26.21	0.50
GR	71.667*	Max WS	TR030_D350	256.63	67.18	72.21		72.65	0.002525	2.92	87.80	26.01	0.51
GR	71.667*	Max WS	TR030_D400	263.71	67.18	72.29		72.73	0.002496	2.94	89.81	26.12	0.51
GR	71.667*	Max WS	TR030_D500	275.25	67.18	72.40		72.85	0.002469	2.96	92.83	26.28	0.50
GR	71.667*	Max WS	TR030_D550	277.42	67.18	72.45		72.90	0.002409	2.95	94.18	26.40	0.50
GR	71.667*	Max WS	TR030_D600	277.67	67.18	72.47		72.91	0.002394	2.94	94.48	26.44	0.50
GR	71.667*	Max WS	TR030_D650	276.40	67.18	72.43		72.88	0.002432	2.95	93.59	26.33	0.50
GR	71.667*	Max WS	TR030_D700	273.34	67.18	72.38		72.83	0.002473	2.96	92.33	26.25	0.50
GR	71.556*	Max WS	TR030_D450	269.98	67.03	72.30		72.75	0.002785	2.97	90.75	28.35	0.53
GR	71.556*	Max WS	TR030_D350	256.63	67.03	72.16		72.60	0.002656	2.96	86.83	26.29	0.52
GR	71.556*	Max WS	TR030_D400	263.71	67.03	72.24		72.68	0.002815	2.96	88.97	28.23	0.53
GR	71.556*	Max WS	TR030_D500	275.25	67.03	72.35		72.81	0.002760	2.98	92.29	28.50	0.53
GR	71.556*	Max WS	TR030_D550	277.42	67.03	72.41		72.85	0.002674	2.96	93.80	28.60	0.52
GR	71.556*	Max WS	TR030_D600	277.67	67.03	72.42		72.86	0.002651	2.95	94.13	28.62	0.52
GR	71.556*	Max WS	TR030_D650	276.40	67.03	72.38		72.83	0.002710	2.97	93.14	28.56	0.52
GR	71.556*	Max WS	TR030_D700	273.34	67.03	72.33		72.79	0.002769	2.98	91.74	28.46	0.53
GR	71.444*	Max WS	TR030_D450	269.98	66.88	72.24		72.71	0.002758	3.02	89.34	26.75	0.53
GR	71.444*	Max WS	TR030_D350	256.63	66.88	72.10		72.56	0.002815	3.00	85.61	26.40	0.53

HEC-RAS River: Greve Reach: GR 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
GR	71.444*	Max WS	TR030_D400	263.71	66.88	72.18		72.64	0.002780	3.01	87.65	26.60	0.53
GR	71.444*	Max WS	TR030_D500	275.25	66.88	72.30		72.77	0.002771	3.03	90.80	27.19	0.53
GR	71.444*	Max WS	TR030_D550	277.42	66.88	72.35		72.81	0.002722	3.01	92.28	27.66	0.53
GR	71.444*	Max WS	TR030_D600	277.67	66.88	72.36		72.82	0.002706	3.00	92.62	27.77	0.52
GR	71.444*	Max WS	TR030_D650	276.40	66.88	72.33		72.79	0.002742	3.02	91.62	27.46	0.53
GR	71.444*	Max WS	TR030_D700	273.34	66.88	72.28		72.75	0.002765	3.03	90.27	27.02	0.53
GR	71.333*	Max WS	TR030_D450	269.98	66.73	72.19		72.67	0.002944	3.07	87.97	26.85	0.54
GR	71.333*	Max WS	TR030_D350	256.63	66.73	72.05		72.52	0.003025	3.05	84.21	26.58	0.55
GR	71.333*	Max WS	TR030_D400	263.71	66.73	72.12		72.60	0.002975	3.06	86.27	26.73	0.54
GR	71.333*	Max WS	TR030_D500	275.25	66.73	72.24		72.73	0.002915	3.08	89.43	26.95	0.54
GR	71.333*	Max WS	TR030_D550	277.42	66.73	72.30		72.77	0.002820	3.05	90.92	27.06	0.53
GR	71.333*	Max WS	TR030_D600	277.66	66.73	72.31		72.78	0.002796	3.04	91.25	27.08	0.53
GR	71.333*	Max WS	TR030_D650	276.40	66.73	72.27		72.75	0.002860	3.06	90.26	27.01	0.53
GR	71.333*	Max WS	TR030_D700	273.34	66.73	72.22		72.70	0.002926	3.07	88.90	26.92	0.54
GR	71.222*	Max WS	TR030_D450	269.98	66.59	72.13		72.63	0.003000	3.12	86.46	25.58	0.54
GR	71.222*	Max WS	TR030_D350	256.63	66.59	71.99		72.48	0.003043	3.10	82.90	25.12	0.54
GR	71.222*	Max WS	TR030_D400	263.71	66.59	72.07		72.56	0.003019	3.11	84.85	25.41	0.54
GR	71.222*	Max WS	TR030_D500	275.25	66.59	72.18		72.68	0.003055	3.13	87.86	26.32	0.55
GR	71.222*	Max WS	TR030_D550	277.42	66.59	72.24		72.73	0.003027	3.10	89.38	27.06	0.55
GR	71.222*	Max WS	TR030_D600	277.66	66.59	72.25		72.74	0.002999	3.09	89.72	27.08	0.54
GR	71.222*	Max WS	TR030_D650	276.40	66.59	72.21		72.71	0.003073	3.12	88.70	27.01	0.55
GR	71.222*	Max WS	TR030_D700	273.34	66.59	72.16		72.66	0.003008	3.13	87.35	26.84	0.54
GR	71.111*	Max WS	TR030_D450	269.98	66.44	72.07		72.58	0.003048	3.17	85.26	24.36	0.54
GR	71.111*	Max WS	TR030_D350	256.63	66.44	71.93		72.43	0.003081	3.13	81.89	23.96	0.54
GR	71.111*	Max WS	TR030_D400	263.71	66.44	72.01		72.51	0.003055	3.15	83.74	24.16	0.54
GR	71.111*	Max WS	TR030_D500	275.25	66.44	72.12		72.64	0.003044	3.18	86.58	24.58	0.54
GR	71.111*	Max WS	TR030_D550	277.42	66.44	72.18		72.69	0.002964	3.15	88.00	24.82	0.53
GR	71.111*	Max WS	TR030_D600	277.66	66.44	72.19		72.70	0.002941	3.14	88.32	24.87	0.53
GR	71.111*	Max WS	TR030_D650	276.40	66.44	72.16		72.67	0.002997	3.16	87.37	24.71	0.54
GR	71.111*	Max WS	TR030_D700	273.34	66.44	72.10		72.62	0.003046	3.17	86.10	24.50	0.54
GR	71	Max WS	TR030_D450	269.98	66.29	71.93	70.45	72.65	0.002683	3.77	71.56	23.02	0.56
GR	71	Max WS	TR030_D350	256.63	66.29	71.79	70.35	72.49	0.002675	3.69	69.48	22.18	0.56
GR	71	Max WS	TR030_D400	263.71	66.29	71.87	70.40	72.58	0.002675	3.73	70.62	22.64	0.56
GR	71	Max WS	TR030_D500	275.25	66.29	71.98	70.49	72.72	0.002687	3.80	72.36	23.34	0.56
GR	71	Max WS	TR030_D550	277.41	66.29	72.03	70.51	72.76	0.002627	3.79	73.20	23.55	0.56
GR	71	Max WS	TR030_D600	277.66	66.29	72.04	70.51	72.77	0.002610	3.78	73.38	23.60	0.56
GR	71	Max WS	TR030_D650	276.40	66.29	72.01	70.50	72.74	0.002652	3.80	72.83	23.46	0.56
GR	71	Max WS	TR030_D700	273.34	66.29	71.96	70.48	72.69	0.002686	3.79	72.07	23.23	0.56
GR	70		Bridge										
GR	69	Max WS	TR030_D450	269.93	66.47	71.40		72.39	0.004621	4.39	61.42	21.48	0.71
GR	69	Max WS	TR030_D350	256.59	66.47	71.30		72.24	0.004561	4.29	59.82	21.09	0.70
GR	69	Max WS	TR030_D400	263.68	66.47	71.36		72.32	0.004588	4.34	60.70	21.30	0.70
GR	69	Max WS	TR030_D500	275.18	66.47	71.44		72.44	0.004650	4.44	62.02	21.62	0.71
GR	69	Max WS	TR030_D550	277.20	66.47	71.46		72.47	0.004653	4.45	62.28	21.69	0.71
GR	69	Max WS	TR030_D600	277.36	66.47	71.46		72.47	0.004644	4.45	62.34	21.70	0.71
GR	69	Max WS	TR030_D650	275.99	66.47	71.45		72.46	0.004622	4.43	62.24	21.68	0.71
GR	69	Max WS	TR030_D700	272.99	66.47	71.44		72.43	0.004587	4.40	61.98	21.61	0.71
GR	68.9		Lat Struct										
GR	68.8		Lat Struct										
GR	68	Max WS	TR030_D450	269.87	66.70	71.10		71.44	0.002622	2.59	104.23	40.41	0.51
GR	68	Max WS	TR030_D350	256.57	66.70	71.01		71.34	0.002651	2.55	100.55	40.27	0.52
GR	68	Max WS	TR030_D400	263.65	66.70	71.06		71.40	0.002631	2.57	102.58	40.35	0.51
GR	68	Max WS	TR030_D500	275.03	66.70	71.14		71.48	0.002616	2.60	105.59	40.47	0.51
GR	68	Max WS	TR030_D550	277.02	66.70	71.15		71.50	0.002606	2.61	106.20	40.49	0.51
GR	68	Max WS	TR030_D600	276.88	66.70	71.15		71.50	0.002591	2.60	106.38	40.50	0.51
GR	68	Max WS	TR030_D650	275.42	66.70	71.15		71.49	0.002575	2.59	106.22	40.49	0.51
GR	68	Max WS	TR030_D700	272.71	66.70	71.14		71.48	0.002567	2.58	105.65	40.47	0.51
GR	67	Max WS	TR030_D450	275.29	67.20	71.04		71.58	0.005160	3.25	84.68	40.10	0.71
GR	67	Max WS	TR030_D350	259.94	67.20	70.95		71.48	0.005273	3.21	81.04	39.89	0.72
GR	67	Max WS	TR030_D400	268.19	67.20	71.00		71.54	0.005204	3.23	83.04	40.01	0.72
GR	67	Max WS	TR030_D500	281.22	67.20	71.08		71.62	0.005127	3.27	86.02	40.18	0.71
GR	67	Max WS	TR030_D550	283.94	67.20	71.09		71.64	0.005113	3.28	86.64	40.21	0.71
GR	67	Max WS	TR030_D600	284.64	67.20	71.10		71.65	0.005109	3.28	86.79	40.22	0.71
GR	67	Max WS	TR030_D650	283.90	67.20	71.09		71.64	0.005114	3.28	86.62	40.21	0.71
GR	67	Max WS	TR030_D700	281.39	67.20	71.08		71.62	0.005127	3.27	86.06	40.18	0.71
GR	66	Max WS	TR030_D450	275.29	66.31	71.01		71.54	0.004976	3.22	85.40	37.32	0.68
GR	66	Max WS	TR030_D350	259.94	66.31	70.92		71.43	0.004952	3.17	82.02	36.57	0.68
GR	66	Max WS	TR030_D400	268.19	66.31	70.97		71.49	0.004960	3.20	83.87	36.98	0.68
GR	66	Max WS	TR030_D500	281.22	66.31	71.05		71.58	0.004988	3.24	86.67	37.59	0.68
GR	66	Max WS	TR030_D550	283.93	66.31	71.06		71.60	0.004993	3.25	87.25	37.72	0.68
GR	66	Max WS	TR030_D600	284.64	66.31	71.06		71.61	0.004994	3.26	87.40	37.75	0.68
GR	66	Max WS	TR030_D650	283.90	66.31	71.06		71.60	0.004993	3.25	87.24	37.72	0.68
GR	66	Max WS	TR030_D700	281.38	66.31	71.05		71.58	0.004987	3.24	86.72	37.60	0.68
GR	65	Max WS	TR030_D450	256.26	65.49	70.35		70.79	0.002601	2.95	86.83	27.19	0.53
GR	65	Max WS	TR030_D350	245.98	65.49	70.27		70.70	0.002572	2.91	84.55	26.83	0.52
GR	65	Max WS	TR030_D400	251.54	65.49	70.31		70.75	0.002587	2.93	85.78	27.03	0.53
GR	65	Max WS	TR030_D500	260.14	65.49	70.38		70.83	0.002612	2.97	87.67	27.32	0.53
GR	65	Max WS	TR030_D550	261.91	65.49	70.40		70.85	0.002616	2.97	88.07	27.39	0.53
GR	65	Max WS	TR030_D600	262.37	65.49	70.40		70.85	0.002617	2.98	88.17	27.40	0.53
GR	65	Max WS	TR030_D650	261.88	65.49	70.40		70.85	0.002616	2.97	88.07	27.39	0.53
GR	65	Max WS	TR030_D700	260.25	65.49	70.38		70.83	0.002611	2.97	87.71	27.33	0.53
GR	64	Max WS	TR030_D450	255.74	65.13	69.96		70.33	0.002182	2.71	94.44	29.40	0.48
GR	64	Max WS	TR030_D350	245.87	65.13	69.87		70.24	0.002176	2.67	92.07	29.30	0.48
GR	64	Max WS	TR030_D400	251.22	65.13	69.92		70.29	0.002179	2.69	93.36	29.35	0.48
GR	64	Max WS	TR030_D500	259.42	65.13	69.99		70.36	0.002184	2.72	95.32	29.44	0.48

HEC-RAS River: Greve Reach: GR 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
GR	64	Max WS	TR030_D550	261.08	65.13	70.00		70.38	0.002183	2.73	95.73	29.45	0.48
GR	64	Max WS	TR030_D600	261.52	65.13	70.00		70.38	0.002183	2.73	95.84	29.46	0.48
GR	64	Max WS	TR030_D650	261.07	65.13	70.00		70.38	0.002183	2.73	95.73	29.45	0.48
GR	64	Max WS	TR030_D700	259.55	65.13	69.99		70.36	0.002183	2.72	95.36	29.44	0.48
GR	63	Max WS	TR030_D450	256.53	65.24	69.81		70.31	0.002720	3.11	82.43	23.46	0.53
GR	63	Max WS	TR030_D350	246.26	65.24	69.73		70.21	0.002579	3.05	80.61	22.57	0.52
GR	63	Max WS	TR030_D400	251.80	65.24	69.78		70.26	0.002656	3.09	81.59	23.05	0.52
GR	63	Max WS	TR030_D500	260.41	65.24	69.84		70.34	0.002771	3.13	83.13	23.79	0.54
GR	63	Max WS	TR030_D550	262.17	65.24	69.86		70.36	0.002794	3.14	83.46	23.94	0.54
GR	63	Max WS	TR030_D600	262.64	65.24	69.86		70.36	0.002800	3.14	83.55	23.99	0.54
GR	63	Max WS	TR030_D650	262.17	65.24	69.86		70.36	0.002794	3.14	83.46	23.94	0.54
GR	63	Max WS	TR030_D700	260.60	65.24	69.84		70.35	0.002774	3.13	83.16	23.80	0.54
GR	62	Max WS	TR030_D450	260.16	64.71	69.67		70.15	0.002484	3.08	84.39	22.64	0.51
GR	62	Max WS	TR030_D350	249.05	64.71	69.59		70.06	0.002407	3.01	82.73	22.53	0.50
GR	62	Max WS	TR030_D400	255.04	64.71	69.63		70.11	0.002448	3.05	83.63	22.59	0.51
GR	62	Max WS	TR030_D500	264.38	64.71	69.69		70.19	0.002513	3.11	85.01	22.68	0.51
GR	62	Max WS	TR030_D550	266.31	64.71	69.71		70.20	0.002525	3.12	85.31	22.70	0.51
GR	62	Max WS	TR030_D600	266.82	64.71	69.71		70.21	0.002528	3.12	85.39	22.70	0.51
GR	62	Max WS	TR030_D650	266.31	64.71	69.71		70.20	0.002525	3.12	85.30	22.70	0.51
GR	62	Max WS	TR030_D700	264.58	64.71	69.70		70.19	0.002514	3.11	85.04	22.68	0.51
GR	61	Max WS	TR030_D450	264.41	64.61	69.52		70.04	0.004034	3.22	82.16	30.13	0.62
GR	61	Max WS	TR030_D350	252.75	64.61	69.44		69.95	0.004005	3.16	80.00	30.13	0.62
GR	61	Max WS	TR030_D400	259.05	64.61	69.48		70.00	0.004020	3.19	81.18	30.13	0.62
GR	61	Max WS	TR030_D500	268.83	64.61	69.54		70.08	0.004044	3.24	82.97	30.13	0.62
GR	61	Max WS	TR030_D550	270.85	64.61	69.56		70.09	0.004048	3.25	83.35	30.13	0.62
GR	61	Max WS	TR030_D600	271.39	64.61	69.56		70.10	0.004048	3.25	83.45	30.13	0.62
GR	61	Max WS	TR030_D650	270.84	64.61	69.56		70.09	0.004047	3.25	83.35	30.13	0.62
GR	61	Max WS	TR030_D700	269.04	64.61	69.54		70.08	0.004045	3.24	83.01	30.13	0.62
GR	60	Max WS	TR030_D450	261.89	64.90	69.27		69.87	0.005367	3.44	76.24	32.03	0.71
GR	60	Max WS	TR030_D350	250.74	64.90	69.20		69.79	0.005350	3.39	74.02	31.77	0.71
GR	60	Max WS	TR030_D400	256.77	64.90	69.24		69.84	0.005382	3.41	75.22	32.03	0.71
GR	60	Max WS	TR030_D500	266.13	64.90	69.30		69.91	0.005358	3.45	77.06	32.03	0.71
GR	60	Max WS	TR030_D550	268.07	64.90	69.31		69.92	0.005350	3.46	77.45	32.03	0.71
GR	60	Max WS	TR030_D600	268.60	64.90	69.31		69.93	0.005348	3.46	77.55	32.03	0.71
GR	60	Max WS	TR030_D650	268.06	64.90	69.31		69.92	0.005350	3.46	77.45	32.03	0.71
GR	60	Max WS	TR030_D700	266.32	64.90	69.30		69.91	0.005357	3.45	77.09	32.03	0.71
GR	59	Max WS	TR030_D450	257.13	64.59	69.01		69.42	0.002869	2.83	90.90	32.50	0.54
GR	59	Max WS	TR030_D350	246.02	64.59	68.95		69.34	0.002788	2.77	88.80	32.09	0.53
GR	59	Max WS	TR030_D400	252.00	64.59	68.98		69.38	0.002832	2.80	89.93	32.31	0.54
GR	59	Max WS	TR030_D500	261.35	64.59	69.04		69.45	0.002899	2.85	91.68	32.66	0.54
GR	59	Max WS	TR030_D550	263.29	64.59	69.05		69.47	0.002911	2.86	92.07	32.73	0.54
GR	59	Max WS	TR030_D600	263.84	64.59	69.05		69.47	0.002915	2.86	92.17	32.75	0.54
GR	59	Max WS	TR030_D650	263.30	64.59	69.05		69.47	0.002912	2.86	92.06	32.73	0.54
GR	59	Max WS	TR030_D700	261.51	64.59	69.04		69.45	0.002900	2.85	91.72	32.67	0.54
GR	58	Max WS	TR030_D450	247.35	64.51	68.84		69.29	0.003758	2.99	82.64	32.90	0.60
GR	58	Max WS	TR030_D350	236.83	64.51	68.78		69.22	0.003677	2.94	80.65	32.52	0.60
GR	58	Max WS	TR030_D400	242.48	64.51	68.81		69.26	0.003716	2.97	81.72	32.69	0.60
GR	58	Max WS	TR030_D500	251.37	64.51	68.86		69.32	0.003792	3.01	83.40	33.07	0.61
GR	58	Max WS	TR030_D550	253.30	64.51	68.87		69.34	0.003808	3.02	83.76	33.15	0.61
GR	58	Max WS	TR030_D600	253.82	64.51	68.88		69.34	0.003812	3.03	83.86	33.18	0.61
GR	58	Max WS	TR030_D650	253.29	64.51	68.87		69.34	0.003807	3.02	83.76	33.15	0.61
GR	58	Max WS	TR030_D700	251.55	64.51	68.86		69.33	0.003794	3.02	83.43	33.08	0.61
GR	57	Max WS	TR030_D450	231.94	64.76	68.60		69.13	0.004386	3.24	71.54	28.44	0.65
GR	57	Max WS	TR030_D350	222.89	64.76	68.54		69.06	0.004330	3.19	69.93	28.28	0.65
GR	57	Max WS	TR030_D400	227.74	64.76	68.57		69.10	0.004360	3.22	70.80	28.36	0.65
GR	57	Max WS	TR030_D500	235.41	64.76	68.62		69.16	0.004407	3.26	72.16	28.50	0.65
GR	57	Max WS	TR030_D550	237.10	64.76	68.63		69.17	0.004418	3.27	72.45	28.52	0.66
GR	57	Max WS	TR030_D600	237.55	64.76	68.63		69.18	0.004419	3.27	72.54	28.53	0.66
GR	57	Max WS	TR030_D650	237.09	64.76	68.63		69.17	0.004417	3.27	72.45	28.52	0.66
GR	57	Max WS	TR030_D700	235.57	64.76	68.62		69.16	0.004409	3.26	72.19	28.50	0.65
GR	56.900*	Max WS	TR030_D450	229.76	64.91	68.54		69.03	0.004111	3.09	74.29	30.79	0.64
GR	56.900*	Max WS	TR030_D350	220.94	64.91	68.49		68.96	0.004090	3.04	72.58	30.76	0.63
GR	56.900*	Max WS	TR030_D400	225.67	64.91	68.52		69.00	0.004102	3.07	73.50	30.78	0.63
GR	56.900*	Max WS	TR030_D500	233.14	64.91	68.56		69.06	0.004120	3.11	74.94	30.80	0.64
GR	56.900*	Max WS	TR030_D550	234.79	64.91	68.57		69.07	0.004123	3.12	75.26	30.81	0.64
GR	56.900*	Max WS	TR030_D600	235.23	64.91	68.58		69.07	0.004124	3.12	75.35	30.81	0.64
GR	56.900*	Max WS	TR030_D650	234.78	64.91	68.57		69.07	0.004123	3.12	75.26	30.81	0.64
GR	56.900*	Max WS	TR030_D700	233.30	64.91	68.57		69.06	0.004119	3.11	74.98	30.80	0.64
GR	56.800*	Max WS	TR030_D450	228.92	65.05	68.50		68.95	0.003926	2.97	77.05	33.19	0.62
GR	56.800*	Max WS	TR030_D350	220.19	65.05	68.44		68.88	0.003919	2.93	75.22	33.17	0.62
GR	56.800*	Max WS	TR030_D400	224.87	65.05	68.47		68.91	0.003922	2.95	76.21	33.18	0.62
GR	56.800*	Max WS	TR030_D500	232.27	65.05	68.52		68.97	0.003928	2.99	77.75	33.20	0.62
GR	56.800*	Max WS	TR030_D550	233.90	65.05	68.53		68.98	0.003930	3.00	78.08	33.20	0.62
GR	56.800*	Max WS	TR030_D600	234.34	65.05	68.53		68.99	0.003930	3.00	78.17	33.20	0.62
GR	56.800*	Max WS	TR030_D650	233.89	65.05	68.53		68.98	0.003930	3.00	78.08	33.20	0.62
GR	56.800*	Max WS	TR030_D700	232.43	65.05	68.52		68.97	0.003929	2.99	77.78	33.20	0.62
GR	56.700*	Max WS	TR030_D450	230.11	65.20	68.45		68.88	0.003824	2.88	79.82	35.58	0.61
GR	56.700*	Max WS	TR030_D350	221.23	65.20	68.40		68.81	0.003824	2.84	77.87	35.57	0.61
GR	56.700*	Max WS	TR030_D400	225.99	65.20	68.43		68.85	0.003823	2.86	78.92	35.58	0.61
GR	56.700*	Max WS	TR030_D500	233.51	65.20	68.47		68.90	0.003824	2.90	80.56	35.59	0.62
GR	56.700*	Max WS	TR030_D550	235.17	65.20	68.48		68.91	0.003825	2.91	80.91	35.59	0.62
GR	56.700*	Max WS	TR030_D600	235.62	65.20	68.49		68.92	0.003824	2.91	81.01	35.59	0.62
GR	56.700*	Max WS	TR030_D650	235.16	65.20	68.48		68.91	0.003824	2.91	80.91	35.59	0.62
GR	56.700*	Max WS	TR030_D700	233.67	65.20	68.47		68.90	0.003825	2.90	80.59	35.59	0.62
GR	56.600*	Max WS	TR030_D450	231.57	65.35	68.41		68.81	0.003748	2.81	82.54	38.00	0.61
GR	56.600*	Max WS	TR030_D350	222.55	65.35	68.36		68.75	0.003754	2.77	80.46	37.99	0.61
GR	56.600*	Max WS	TR030_D400	227.39	65.35	68.39		68.78	0.003751	2.79	81.58	38.00	0.61

HEC-RAS River: Greve Reach: GR 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
GR	56.600*	Max WS	TR030_D500	235.04	65.35	68.43		68.84	0.003746	2.82	83.33	38.00	0.61
GR	56.600*	Max WS	TR030_D550	236.72	65.35	68.44		68.85	0.003745	2.83	83.71	38.01	0.61
GR	56.600*	Max WS	TR030_D600	237.18	65.35	68.44		68.85	0.003744	2.83	83.81	38.01	0.61
GR	56.600*	Max WS	TR030_D650	236.71	65.35	68.44		68.85	0.003744	2.83	83.71	38.01	0.61
GR	56.600*	Max WS	TR030_D700	235.20	65.35	68.43		68.84	0.003746	2.82	83.36	38.00	0.61
GR	56.500*	Max WS	TR030_D450	231.88	65.50	68.37		68.75	0.003657	2.72	85.15	40.40	0.60
GR	56.500*	Max WS	TR030_D350	222.83	65.50	68.32		68.68	0.003671	2.69	82.96	40.40	0.60
GR	56.500*	Max WS	TR030_D400	227.68	65.50	68.35		68.72	0.003663	2.71	84.14	40.40	0.60
GR	56.500*	Max WS	TR030_D500	235.36	65.50	68.39		68.77	0.003651	2.74	85.99	40.41	0.60
GR	56.500*	Max WS	TR030_D550	237.05	65.50	68.40		68.79	0.003648	2.74	86.39	40.41	0.60
GR	56.500*	Max WS	TR030_D600	237.51	65.50	68.40		68.79	0.003647	2.75	86.51	40.41	0.60
GR	56.500*	Max WS	TR030_D650	237.04	65.50	68.40		68.79	0.003648	2.74	86.39	40.41	0.60
GR	56.500*	Max WS	TR030_D700	235.52	65.50	68.39		68.77	0.003651	2.74	86.03	40.41	0.60
GR	56.2	Max WS	TR030_D450	232.69	65.95	68.26		68.58	0.003448	2.51	92.69	47.62	0.57
GR	56.2	Max WS	TR030_D350	223.56	65.95	68.20		68.52	0.003487	2.48	90.10	47.61	0.58
GR	56.2	Max WS	TR030_D400	228.46	65.95	68.23		68.55	0.003465	2.50	91.50	47.62	0.58
GR	56.2	Max WS	TR030_D500	236.20	65.95	68.28		68.60	0.003433	2.52	93.67	47.62	0.57
GR	56.2	Max WS	TR030_D550	237.91	65.95	68.29		68.61	0.003426	2.53	94.15	47.62	0.57
GR	56.2	Max WS	TR030_D600	238.37	65.95	68.29		68.62	0.003424	2.53	94.28	47.62	0.57
GR	56.2	Max WS	TR030_D650	237.90	65.95	68.29		68.61	0.003425	2.53	94.15	47.62	0.57
GR	56.2	Max WS	TR030_D700	236.37	65.95	68.28		68.60	0.003432	2.52	93.72	47.62	0.57
GR	56	Max WS	TR030_D450	233.09	65.95	68.25	67.65	68.57	0.003494	2.52	92.40	47.62	0.58
GR	56	Max WS	TR030_D350	223.91	65.95	68.20	67.61	68.51	0.003534	2.49	89.81	47.61	0.58
GR	56	Max WS	TR030_D400	228.83	65.95	68.23	67.63	68.55	0.003512	2.51	91.21	47.62	0.58
GR	56	Max WS	TR030_D500	236.61	65.95	68.27	67.67	68.60	0.003479	2.53	93.38	47.62	0.58
GR	56	Max WS	TR030_D550	238.32	65.95	68.28	67.67	68.61	0.003472	2.54	93.86	47.62	0.58
GR	56	Max WS	TR030_D600	238.79	65.95	68.28	67.68	68.61	0.003470	2.54	93.99	47.62	0.58
GR	56	Max WS	TR030_D650	238.31	65.95	68.28	67.67	68.61	0.003472	2.54	93.86	47.62	0.58
GR	56	Max WS	TR030_D700	236.78	65.95	68.27	67.67	68.60	0.003479	2.53	93.43	47.62	0.58
GR	55.5		Inl Struct										
GR	55	Max WS	TR030_D450	232.94	63.40	67.71		67.81	0.000644	1.46	160.00	50.78	0.26
GR	55	Max WS	TR030_D350	223.89	63.40	67.58		67.69	0.000679	1.46	153.46	50.76	0.27
GR	55	Max WS	TR030_D400	228.79	63.40	67.65		67.75	0.000660	1.46	156.95	50.77	0.26
GR	55	Max WS	TR030_D500	236.47	63.40	67.76		67.87	0.000629	1.45	162.70	50.78	0.26
GR	55	Max WS	TR030_D550	238.22	63.40	67.79		67.89	0.000622	1.45	164.01	50.78	0.26
GR	55	Max WS	TR030_D600	238.70	63.40	67.79		67.90	0.000620	1.45	164.38	50.78	0.26
GR	55	Max WS	TR030_D650	238.24	63.40	67.79		67.89	0.000622	1.45	164.06	50.78	0.26
GR	55	Max WS	TR030_D700	236.71	63.40	67.76		67.87	0.000627	1.45	162.96	50.78	0.26
GR	54	Max WS	TR030_D450	235.45	61.90	67.72		67.79	0.000348	1.19	197.15	51.88	0.20
GR	54	Max WS	TR030_D350	226.14	61.90	67.59		67.66	0.000358	1.19	190.48	51.87	0.20
GR	54	Max WS	TR030_D400	231.18	61.90	67.66		67.73	0.000353	1.19	194.04	51.88	0.20
GR	54	Max WS	TR030_D500	239.08	61.90	67.77		67.84	0.000344	1.20	199.89	51.89	0.19
GR	54	Max WS	TR030_D550	240.88	61.90	67.80		67.87	0.000342	1.20	201.23	51.89	0.19
GR	54	Max WS	TR030_D600	241.38	61.90	67.80		67.88	0.000341	1.20	201.61	51.89	0.19
GR	54	Max WS	TR030_D650	240.90	61.90	67.80		67.87	0.000342	1.20	201.28	51.89	0.19
GR	54	Max WS	TR030_D700	239.32	61.90	67.78		67.85	0.000343	1.20	200.17	51.89	0.19
GR	53	Max WS	TR030_D450	242.45	62.33	67.66		67.78	0.000696	1.57	154.40	47.42	0.28
GR	53	Max WS	TR030_D350	232.68	62.33	67.53		67.65	0.000729	1.57	148.29	47.42	0.28
GR	53	Max WS	TR030_D400	237.99	62.33	67.60		67.72	0.000712	1.57	151.55	47.42	0.28
GR	53	Max WS	TR030_D500	246.26	62.33	67.71		67.83	0.000682	1.57	156.93	47.42	0.28
GR	53	Max WS	TR030_D550	248.15	62.33	67.73		67.86	0.000676	1.57	158.16	47.42	0.27
GR	53	Max WS	TR030_D600	248.66	62.33	67.74		67.87	0.000674	1.57	158.50	47.42	0.27
GR	53	Max WS	TR030_D650	248.16	62.33	67.74		67.86	0.000675	1.57	158.20	47.42	0.27
GR	53	Max WS	TR030_D700	246.52	62.33	67.71		67.84	0.000680	1.57	157.17	47.42	0.28
GR	52	Max WS	TR030_D450	259.62	61.80	67.46		67.82	0.002195	2.67	97.37	28.20	0.46
GR	52	Max WS	TR030_D350	247.76	61.80	67.33		67.69	0.002236	2.64	93.88	28.19	0.46
GR	52	Max WS	TR030_D400	254.20	61.80	67.40		67.76	0.002216	2.66	95.74	28.19	0.46
GR	52	Max WS	TR030_D500	264.21	61.80	67.51		67.87	0.002172	2.67	98.83	28.20	0.46
GR	52	Max WS	TR030_D550	266.44	61.80	67.53		67.90	0.002162	2.68	99.53	28.20	0.46
GR	52	Max WS	TR030_D600	267.07	61.80	67.54		67.90	0.002159	2.68	99.73	28.20	0.45
GR	52	Max WS	TR030_D650	266.46	61.80	67.53		67.90	0.002160	2.68	99.56	28.20	0.45
GR	52	Max WS	TR030_D700	264.49	61.80	67.51		67.88	0.002167	2.67	98.97	28.20	0.46
GR	51	Max WS	TR030_D450	273.57	61.83	67.35		67.72	0.002078	2.67	102.42	32.08	0.48
GR	51	Max WS	TR030_D350	259.44	61.83	67.23		67.58	0.002027	2.63	98.61	30.96	0.47
GR	51	Max WS	TR030_D400	267.12	61.83	67.30		67.65	0.002048	2.65	100.62	31.43	0.47
GR	51	Max WS	TR030_D500	279.09	61.83	67.40		67.77	0.002150	2.68	104.06	33.34	0.48
GR	51	Max WS	TR030_D550	281.78	61.83	67.43		67.80	0.002184	2.69	104.89	33.97	0.49
GR	51	Max WS	TR030_D600	282.52	61.83	67.43		67.80	0.002194	2.69	105.12	34.14	0.49
GR	51	Max WS	TR030_D650	281.79	61.83	67.43		67.80	0.002184	2.69	104.92	33.99	0.49
GR	51	Max WS	TR030_D700	279.43	61.83	67.41		67.77	0.002154	2.68	104.24	33.47	0.49
GR	50.833*	Max WS	TR030_D450	273.54	61.74	67.25		67.68	0.002232	2.90	94.41	26.22	0.49
GR	50.833*	Max WS	TR030_D350	259.43	61.74	67.13		67.54	0.002196	2.84	91.37	25.88	0.48
GR	50.833*	Max WS	TR030_D400	267.11	61.74	67.20		67.62	0.002219	2.87	92.98	26.06	0.49
GR	50.833*	Max WS	TR030_D500	279.06	61.74	67.30		67.73	0.002239	2.92	95.69	26.36	0.49
GR	50.833*	Max WS	TR030_D550	281.75	61.74	67.32		67.76	0.002242	2.93	96.32	26.43	0.49
GR	50.833*	Max WS	TR030_D600	282.49	61.74	67.33		67.77	0.002242	2.93	96.49	26.45	0.49
GR	50.833*	Max WS	TR030_D650	281.77	61.74	67.32		67.76	0.002241	2.92	96.34	26.43	0.49
GR	50.833*	Max WS	TR030_D700	279.41	61.74	67.30		67.74	0.002236	2.92	95.83	26.38	0.49
GR	50.667*	Max WS	TR030_D450	273.43	61.64	67.15		67.63	0.002500	3.05	89.63	24.29	0.51
GR	50.667*	Max WS	TR030_D350	259.39	61.64	67.04		67.49	0.002450	2.99	86.85	24.00	0.50
GR	50.667*	Max WS	TR030_D400	267.00	61.64	67.10		67.56	0.002480	3.02	88.33	24.16	0.50
GR	50.667*	Max WS	TR030_D500	279.05	61.64	67.20		67.68	0.002536	3.07	90.80	24.60	0.51
GR	50.667*	Max WS	TR030_D550	281.80	61.64	67.22		67.71	0.002557	3.08	91.38	24.79	0.51
GR	50.667*	Max WS	TR030_D600	282.56	61.64	67.23		67.72	0.002562	3.09	91.55	24.85	0.51
GR	50.667*	Max WS	TR030_D650	281.81	61.64	67.23		67.71	0.002555	3.08	91.41	24.80	0.51
GR	50.667*	Max WS	TR030_D700	279.42	61.64	67.21		67.69	0.002536	3.07	90.94	24.64	0.51

HEC-RAS River: Greve Reach: GR 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
GR	50.500*	Max WS	TR030_D450	273.88	61.55	67.05		67.56	0.002850	3.17	86.48	24.26	0.54
GR	50.500*	Max WS	TR030_D350	259.51	61.55	66.94		67.43	0.002790	3.10	83.78	23.97	0.53
GR	50.500*	Max WS	TR030_D400	267.30	61.55	67.00		67.50	0.002827	3.14	85.21	24.12	0.53
GR	50.500*	Max WS	TR030_D500	279.69	61.55	67.10		67.62	0.002868	3.19	87.63	24.38	0.54
GR	50.500*	Max WS	TR030_D550	282.54	61.55	67.12		67.64	0.002893	3.20	88.19	24.57	0.54
GR	50.500*	Max WS	TR030_D600	283.33	61.55	67.13		67.65	0.002900	3.21	88.34	24.62	0.54
GR	50.500*	Max WS	TR030_D650	282.57	61.55	67.12		67.64	0.002892	3.20	88.22	24.58	0.54
GR	50.500*	Max WS	TR030_D700	280.08	61.55	67.10		67.62	0.002868	3.19	87.75	24.42	0.54
GR	50.333*	Max WS	TR030_D450	273.69	61.45	66.94		67.49	0.003236	3.30	82.90	23.48	0.56
GR	50.333*	Max WS	TR030_D350	259.41	61.45	66.83		67.36	0.003158	3.23	80.34	23.15	0.55
GR	50.333*	Max WS	TR030_D400	267.13	61.45	66.89		67.43	0.003206	3.27	81.69	23.34	0.56
GR	50.333*	Max WS	TR030_D500	279.46	61.45	66.98		67.55	0.003256	3.33	83.99	23.60	0.56
GR	50.333*	Max WS	TR030_D550	282.18	61.45	67.01		67.57	0.003264	3.34	84.52	23.66	0.56
GR	50.333*	Max WS	TR030_D600	283.09	61.45	67.01		67.58	0.003269	3.34	84.67	23.68	0.56
GR	50.333*	Max WS	TR030_D650	282.20	61.45	67.01		67.57	0.003262	3.34	84.55	23.66	0.56
GR	50.333*	Max WS	TR030_D700	279.87	61.45	66.99		67.55	0.003253	3.33	84.11	23.62	0.56
GR	50.167*	Max WS	TR030_D450	273.38	61.36	66.80		67.48	0.003594	3.65	74.99	17.93	0.57
GR	50.167*	Max WS	TR030_D350	259.40	61.36	66.69		67.33	0.003428	3.55	73.07	17.54	0.56
GR	50.167*	Max WS	TR030_D400	267.10	61.36	66.75		67.41	0.003527	3.61	74.08	17.75	0.56
GR	50.167*	Max WS	TR030_D500	279.06	61.36	66.84		67.53	0.003654	3.68	75.82	18.09	0.57
GR	50.167*	Max WS	TR030_D550	281.81	61.36	66.87		67.56	0.003681	3.70	76.22	18.17	0.58
GR	50.167*	Max WS	TR030_D600	282.62	61.36	66.87		67.57	0.003690	3.70	76.34	18.19	0.58
GR	50.167*	Max WS	TR030_D650	281.84	61.36	66.87		67.56	0.003680	3.70	76.24	18.17	0.58
GR	50.167*	Max WS	TR030_D700	279.47	61.36	66.85		67.54	0.003654	3.68	75.91	18.11	0.57
GR	50	Max WS	TR030_D450	273.89	61.26	66.63		67.23	0.004742	3.43	79.88	28.95	0.66
GR	50	Max WS	TR030_D350	259.61	61.26	66.53		67.11	0.004789	3.37	76.94	28.94	0.66
GR	50	Max WS	TR030_D400	267.41	61.26	66.59		67.18	0.004777	3.41	78.47	28.94	0.66
GR	50	Max WS	TR030_D500	279.81	61.26	66.68		67.28	0.004714	3.45	81.13	28.95	0.66
GR	50	Max WS	TR030_D550	282.67	61.26	66.70		67.31	0.004700	3.46	81.74	28.96	0.66
GR	50	Max WS	TR030_D600	283.48	61.26	66.70		67.31	0.004696	3.46	81.91	28.96	0.66
GR	50	Max WS	TR030_D650	282.67	61.26	66.70		67.31	0.004692	3.46	81.78	28.96	0.66
GR	50	Max WS	TR030_D700	280.21	61.26	66.68		67.29	0.004701	3.45	81.28	28.95	0.66
GR	49	Max WS	TR030_D450	274.28	61.19	65.89	64.78	66.32	0.002506	2.91	94.39	33.88	0.52
GR	49	Max WS	TR030_D350	259.03	61.19	65.78	64.71	66.19	0.002512	2.84	91.14	33.60	0.52
GR	49	Max WS	TR030_D400	266.94	61.19	65.84	64.75	66.26	0.002509	2.88	92.84	33.75	0.52
GR	49	Max WS	TR030_D500	280.86	61.19	65.93	64.82	66.37	0.002504	2.93	95.77	34.00	0.53
GR	49	Max WS	TR030_D550	284.03	61.19	65.96	64.83	66.40	0.002501	2.94	96.45	34.06	0.53
GR	49	Max WS	TR030_D600	284.69	61.19	65.96	64.83	66.41	0.002493	2.94	96.67	34.08	0.52
GR	49	Max WS	TR030_D650	283.97	61.19	65.96	64.83	66.40	0.002492	2.94	96.55	34.07	0.52
GR	49	Max WS	TR030_D700	281.41	61.19	65.94	64.82	66.38	0.002493	2.93	96.00	34.03	0.52
GR	48		Bridge										
GR	47	Max WS	TR030_D450	274.28	61.01	65.84		66.26	0.002645	2.87	95.51	32.16	0.51
GR	47	Max WS	TR030_D350	259.03	61.01	65.74		66.14	0.002635	2.81	92.28	32.02	0.51
GR	47	Max WS	TR030_D400	266.91	61.01	65.79		66.20	0.002639	2.84	93.97	32.09	0.51
GR	47	Max WS	TR030_D500	280.85	61.01	65.89		66.32	0.002650	2.90	96.87	32.22	0.52
GR	47	Max WS	TR030_D550	284.01	61.01	65.91		66.34	0.002650	2.91	97.55	32.25	0.52
GR	47	Max WS	TR030_D600	284.69	61.01	65.92		66.35	0.002643	2.91	97.77	32.26	0.52
GR	47	Max WS	TR030_D650	283.94	61.01	65.92		66.35	0.002640	2.91	97.65	32.25	0.51
GR	47	Max WS	TR030_D700	281.39	61.01	65.90		66.33	0.002638	2.90	97.12	32.23	0.51
GR	46.9		Lat Struct										
GR	46.7		Lat Struct										
GR	46	Max WS	TR030_D450	273.00	61.08	65.74		66.27	0.003262	3.22	84.78	27.40	0.58
GR	46	Max WS	TR030_D350	258.57	61.08	65.63		66.14	0.003252	3.16	81.84	27.27	0.58
GR	46	Max WS	TR030_D400	266.00	61.08	65.69		66.20	0.003255	3.19	83.38	27.34	0.58
GR	46	Max WS	TR030_D500	279.27	61.08	65.78		66.32	0.003266	3.25	86.03	27.46	0.59
GR	46	Max WS	TR030_D550	282.27	61.08	65.81		66.35	0.003266	3.26	86.66	27.48	0.59
GR	46	Max WS	TR030_D600	282.91	61.08	65.81		66.35	0.003257	3.26	86.87	27.49	0.59
GR	46	Max WS	TR030_D650	282.20	61.08	65.81		66.35	0.003254	3.25	86.75	27.49	0.58
GR	46	Max WS	TR030_D700	279.76	61.08	65.79		66.33	0.003253	3.24	86.26	27.47	0.58
GR	45	Max WS	TR030_D450	270.14	59.89	65.55		66.02	0.002879	3.05	88.63	27.69	0.54
GR	45	Max WS	TR030_D350	256.75	59.89	65.44		65.90	0.002868	3.00	85.70	27.49	0.54
GR	45	Max WS	TR030_D400	263.66	59.89	65.50		65.96	0.002873	3.02	87.23	27.60	0.54
GR	45	Max WS	TR030_D500	275.93	59.89	65.59		66.07	0.002885	3.07	89.87	27.78	0.55
GR	45	Max WS	TR030_D550	278.33	59.89	65.62		66.10	0.002876	3.08	90.51	27.82	0.54
GR	45	Max WS	TR030_D600	279.11	59.89	65.62		66.11	0.002871	3.08	90.73	27.84	0.54
GR	45	Max WS	TR030_D650	278.41	59.89	65.62		66.10	0.002866	3.07	90.62	27.83	0.54
GR	45	Max WS	TR030_D700	276.25	59.89	65.60		66.08	0.002868	3.07	90.12	27.79	0.54
GR	44	Max WS	TR030_D450	270.29	59.90	65.43		65.87	0.002665	2.92	92.61	26.99	0.50
GR	44	Max WS	TR030_D350	256.83	59.90	65.33		65.75	0.002623	2.86	89.80	26.70	0.50
GR	44	Max WS	TR030_D400	263.83	59.90	65.38		65.81	0.002645	2.89	91.27	26.86	0.50
GR	44	Max WS	TR030_D500	276.00	59.90	65.48		65.92	0.002681	2.94	93.81	27.12	0.51
GR	44	Max WS	TR030_D550	278.27	59.90	65.50		65.94	0.002674	2.95	94.44	27.18	0.50
GR	44	Max WS	TR030_D600	278.92	59.90	65.51		65.95	0.002669	2.95	94.67	27.21	0.50
GR	44	Max WS	TR030_D650	278.34	59.90	65.51		65.95	0.002666	2.94	94.57	27.20	0.50
GR	44	Max WS	TR030_D700	276.15	59.90	65.49		65.93	0.002662	2.94	94.09	27.15	0.50
GR	43	Max WS	TR030_D450	267.08	59.82	65.32		65.74	0.002609	2.86	93.50	29.16	0.51
GR	43	Max WS	TR030_D350	254.14	59.82	65.22		65.62	0.002609	2.81	90.46	29.02	0.51
GR	43	Max WS	TR030_D400	260.86	59.82	65.27		65.68	0.002609	2.83	92.04	29.10	0.51
GR	43	Max WS	TR030_D500	272.65	59.82	65.37		65.79	0.002611	2.88	94.77	29.22	0.51
GR	43	Max WS	TR030_D550	274.78	59.82	65.39		65.81	0.002594	2.88	95.48	29.26	0.51
GR	43	Max WS	TR030_D600	275.37	59.82	65.40		65.82	0.002584	2.88	95.74	29.27	0.51
GR	43	Max WS	TR030_D650	274.85	59.82	65.40		65.82	0.002583	2.87	95.63	29.26	0.51
GR	43	Max WS	TR030_D700	272.68	59.82	65.38		65.80	0.002584	2.87	95.11	29.24	0.51
GR	42	Max WS	TR030_D450	273.17	60.00	65.16		65.68	0.002968	3.20	85.35	25.80	0.56
GR	42	Max WS	TR030_D350	258.31	60.00	65.05		65.55	0.002900	3.12	82.73	25.60	0.55

HEC-RAS River: Greve Reach: GR 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
GR	30.750*	Max WS	TR030_D450	266.37	59.51	64.35		64.48	0.000695	1.59	167.73	52.42	0.28
GR	30.750*	Max WS	TR030_D350	253.36	59.51	64.28		64.40	0.000675	1.55	163.85	52.14	0.28
GR	30.750*	Max WS	TR030_D400	260.13	59.51	64.31		64.44	0.000685	1.57	165.88	52.29	0.28
GR	30.750*	Max WS	TR030_D500	272.35	59.51	64.38		64.51	0.000705	1.61	169.45	52.54	0.29
GR	30.750*	Max WS	TR030_D550	276.27	59.51	64.40		64.54	0.000710	1.62	170.64	52.62	0.29
GR	30.750*	Max WS	TR030_D600	277.55	59.51	64.41		64.55	0.000712	1.62	171.04	52.65	0.29
GR	30.750*	Max WS	TR030_D650	277.03	59.51	64.41		64.54	0.000710	1.62	170.95	52.65	0.29
GR	30.750*	Max WS	TR030_D700	274.59	59.51	64.40		64.53	0.000706	1.61	170.27	52.60	0.29
GR	30.625*	Max WS	TR030_D450	266.08	59.43	64.32		64.46	0.000729	1.67	159.61	47.55	0.29
GR	30.625*	Max WS	TR030_D350	253.20	59.43	64.25		64.38	0.000706	1.62	156.15	47.44	0.29
GR	30.625*	Max WS	TR030_D400	259.91	59.43	64.29		64.43	0.000718	1.65	157.96	47.50	0.29
GR	30.625*	Max WS	TR030_D500	271.99	59.43	64.35		64.50	0.000739	1.69	161.16	47.60	0.29
GR	30.625*	Max WS	TR030_D550	275.87	59.43	64.38		64.52	0.000746	1.70	162.20	47.63	0.29
GR	30.625*	Max WS	TR030_D600	277.12	59.43	64.38		64.53	0.000747	1.70	162.57	47.64	0.29
GR	30.625*	Max WS	TR030_D650	276.61	59.43	64.38		64.53	0.000746	1.70	162.48	47.64	0.29
GR	30.625*	Max WS	TR030_D700	274.20	59.43	64.37		64.52	0.000741	1.69	161.88	47.62	0.29
GR	30.500*	Max WS	TR030_D450	264.39	59.34	64.29		64.45	0.000789	1.77	149.34	42.48	0.30
GR	30.500*	Max WS	TR030_D350	251.81	59.34	64.22		64.37	0.000762	1.72	146.30	42.38	0.30
GR	30.500*	Max WS	TR030_D400	258.37	59.34	64.26		64.41	0.000777	1.75	147.89	42.43	0.30
GR	30.500*	Max WS	TR030_D500	270.16	59.34	64.32		64.49	0.000802	1.79	150.70	42.52	0.30
GR	30.500*	Max WS	TR030_D550	273.93	59.34	64.34		64.51	0.000809	1.81	151.62	42.55	0.31
GR	30.500*	Max WS	TR030_D600	275.15	59.34	64.35		64.52	0.000811	1.81	151.95	42.56	0.31
GR	30.500*	Max WS	TR030_D650	274.65	59.34	64.35		64.52	0.000809	1.81	151.87	42.56	0.31
GR	30.500*	Max WS	TR030_D700	272.30	59.34	64.34		64.50	0.000804	1.80	151.35	42.54	0.30
GR	30.375*	Max WS	TR030_D450	262.45	59.26	64.25		64.44	0.000898	1.90	138.49	39.02	0.32
GR	30.375*	Max WS	TR030_D350	250.16	59.26	64.18		64.35	0.000867	1.84	135.74	38.93	0.32
GR	30.375*	Max WS	TR030_D400	256.57	59.26	64.22		64.40	0.000883	1.87	137.18	38.98	0.32
GR	30.375*	Max WS	TR030_D500	268.09	59.26	64.28		64.47	0.000912	1.92	139.71	39.06	0.32
GR	30.375*	Max WS	TR030_D550	271.76	59.26	64.30		64.50	0.000921	1.93	140.55	39.09	0.33
GR	30.375*	Max WS	TR030_D600	272.95	59.26	64.31		64.50	0.000923	1.94	140.84	39.10	0.33
GR	30.375*	Max WS	TR030_D650	272.46	59.26	64.31		64.50	0.000921	1.94	140.77	39.10	0.33
GR	30.375*	Max WS	TR030_D700	270.16	59.26	64.30		64.49	0.000915	1.93	140.30	39.08	0.32
GR	30.250*	Max WS	TR030_D450	261.28	59.18	64.20		64.42	0.001094	2.09	124.92	34.60	0.35
GR	30.250*	Max WS	TR030_D350	249.16	59.18	64.13		64.34	0.001054	2.03	122.57	34.52	0.34
GR	30.250*	Max WS	TR030_D400	255.48	59.18	64.16		64.38	0.001075	2.06	123.80	34.56	0.35
GR	30.250*	Max WS	TR030_D500	266.83	59.18	64.23		64.46	0.001112	2.12	125.97	34.64	0.35
GR	30.250*	Max WS	TR030_D550	270.43	59.18	64.25		64.48	0.001123	2.13	126.69	34.66	0.36
GR	30.250*	Max WS	TR030_D600	271.59	59.18	64.25		64.49	0.001126	2.14	126.95	34.67	0.36
GR	30.250*	Max WS	TR030_D650	271.11	59.18	64.25		64.49	0.001124	2.14	126.89	34.67	0.36
GR	30.250*	Max WS	TR030_D700	268.84	59.18	64.24		64.47	0.001115	2.13	126.49	34.65	0.36
GR	30.125*	Max WS	TR030_D450	259.16	59.09	64.12		64.41	0.001437	2.39	108.43	29.35	0.40
GR	30.125*	Max WS	TR030_D350	247.33	59.09	64.05		64.33	0.001379	2.32	106.53	29.29	0.39
GR	30.125*	Max WS	TR030_D400	253.49	59.09	64.08		64.37	0.001409	2.36	107.53	29.32	0.39
GR	30.125*	Max WS	TR030_D500	264.58	59.09	64.14		64.44	0.001463	2.42	109.29	29.38	0.40
GR	30.125*	Max WS	TR030_D550	268.07	59.09	64.16		64.47	0.001477	2.44	109.88	29.40	0.40
GR	30.125*	Max WS	TR030_D600	269.20	59.09	64.17		64.48	0.001482	2.45	110.09	29.41	0.40
GR	30.125*	Max WS	TR030_D650	268.72	59.09	64.17		64.47	0.001478	2.44	110.05	29.40	0.40
GR	30.125*	Max WS	TR030_D700	266.52	59.09	64.16		64.46	0.001467	2.43	109.72	29.39	0.40
GR	30	Max WS	TR030_D450	256.51	59.01	64.03		64.43	0.002169	2.80	91.57	25.81	0.47
GR	30	Max WS	TR030_D350	245.03	59.01	63.97		64.35	0.002075	2.72	89.92	25.59	0.46
GR	30	Max WS	TR030_D400	251.01	59.01	64.00		64.39	0.002117	2.77	90.78	25.61	0.47
GR	30	Max WS	TR030_D500	261.75	59.01	64.06		64.47	0.002223	2.84	92.32	26.03	0.48
GR	30	Max WS	TR030_D550	264.90	59.01	64.08		64.50	0.002250	2.85	92.88	26.20	0.48
GR	30	Max WS	TR030_D600	265.95	59.01	64.09		64.51	0.002259	2.86	93.08	26.26	0.48
GR	30	Max WS	TR030_D650	265.51	59.01	64.09		64.51	0.002253	2.85	93.04	26.24	0.48
GR	30	Max WS	TR030_D700	263.41	59.01	64.08		64.49	0.002231	2.84	92.74	26.16	0.48
GR	29.900*	Max WS	TR030_D450	252.04	59.01	64.00		64.41	0.002294	2.86	88.02	24.10	0.48
GR	29.900*	Max WS	TR030_D350	241.27	59.01	63.93		64.33	0.002218	2.79	86.47	24.10	0.47
GR	29.900*	Max WS	TR030_D400	246.90	59.01	63.97		64.37	0.002258	2.83	87.28	24.10	0.47
GR	29.900*	Max WS	TR030_D500	256.99	59.01	64.02		64.45	0.002330	2.90	88.71	24.10	0.48
GR	29.900*	Max WS	TR030_D550	260.17	59.01	64.05		64.48	0.002348	2.92	89.22	24.10	0.48
GR	29.900*	Max WS	TR030_D600	261.21	59.01	64.05		64.49	0.002353	2.92	89.39	24.10	0.48
GR	29.900*	Max WS	TR030_D650	260.74	59.01	64.05		64.49	0.002347	2.92	89.36	24.10	0.48
GR	29.900*	Max WS	TR030_D700	258.71	59.01	64.04		64.47	0.002332	2.90	89.09	24.10	0.48
GR	29.800*	Max WS	TR030_D450	251.43	59.02	63.94		64.40	0.002641	3.01	83.52	22.85	0.50
GR	29.800*	Max WS	TR030_D350	240.72	59.02	63.87		64.31	0.002550	2.93	82.09	22.85	0.49
GR	29.800*	Max WS	TR030_D400	246.30	59.02	63.91		64.36	0.002598	2.97	82.84	22.85	0.50
GR	29.800*	Max WS	TR030_D500	256.36	59.02	63.97		64.44	0.002684	3.05	84.17	22.85	0.51
GR	29.800*	Max WS	TR030_D550	259.71	59.02	63.98		64.46	0.002711	3.07	84.61	22.85	0.51
GR	29.800*	Max WS	TR030_D600	260.74	59.02	63.99		64.47	0.002717	3.08	84.77	22.85	0.51
GR	29.800*	Max WS	TR030_D650	260.24	59.02	63.99		64.47	0.002708	3.07	84.76	22.85	0.51
GR	29.800*	Max WS	TR030_D700	258.21	59.02	63.98		64.46	0.002690	3.06	84.51	22.85	0.51
GR	29.700*	Max WS	TR030_D450	248.46	59.02	63.88		64.36	0.002811	3.07	80.92	22.54	0.52
GR	29.700*	Max WS	TR030_D350	237.95	59.02	63.82		64.27	0.002714	2.99	79.55	22.54	0.51
GR	29.700*	Max WS	TR030_D400	243.41	59.02	63.85		64.32	0.002764	3.03	80.27	22.54	0.51
GR	29.700*	Max WS	TR030_D500	253.29	59.02	63.90		64.40	0.002856	3.11	81.53	22.54	0.52
GR	29.700*	Max WS	TR030_D550	256.31	59.02	63.92		64.42	0.002882	3.13	81.94	22.54	0.52
GR	29.700*	Max WS	TR030_D600	257.27	59.02	63.93		64.43	0.002887	3.13	82.10	22.54	0.52
GR	29.700*	Max WS	TR030_D650	256.78	59.02	63.93		64.43	0.002876	3.13	82.09	22.54	0.52
GR	29.700*	Max WS	TR030_D700	254.84	59.02	63.92		64.41	0.002858	3.11	81.85	22.54	0.52
GR	29.600*	Max WS	TR030_D450	244.29	59.02	63.81		64.31	0.002956	3.10	78.73	22.34	0.53
GR	29.600*	Max WS	TR030_D350	234.31	59.02	63.76		64.22	0.002862	3.03	77.39	22.34	0.52
GR	29.600*	Max WS	TR030_D400	239.51	59.02	63.79		64.27	0.002911	3.07	78.10	22.34	0.52
GR	29.600*	Max WS	TR030_D500	248.85	59.02	63.84		64.34	0.002999	3.14	79.32	22.34	0.53
GR	29.600*	Max WS	TR030_D550	251.70	59.02	63.86		64.37	0.003021	3.16	79.73	22.34	0.53
GR	29.600*	Max WS	TR030_D600	252.61	59.02	63.87		64.38	0.003025	3.16	79.89	22.34	0.53
GR	29.600*	Max WS	TR030_D650	252.25	59.02	63.87		64.37	0.003017	3.16	79.88	22.34	0.53
GR	29.600*	Max WS	TR030_D700	250.24	59.02	63.86		64.36	0.0029				

HEC-RAS River: Greve Reach: GR 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
GR	29.500*	Max WS	TR030_D450	249.06	59.03	63.74		64.27	0.003310	3.25	76.73	22.13	0.56
GR	29.500*	Max WS	TR030_D350	238.98	59.03	63.68		64.19	0.003210	3.17	75.41	22.13	0.55
GR	29.500*	Max WS	TR030_D400	244.23	59.03	63.71		64.23	0.003262	3.21	76.10	22.13	0.55
GR	29.500*	Max WS	TR030_D500	253.66	59.03	63.76		64.31	0.003357	3.28	77.31	22.13	0.56
GR	29.500*	Max WS	TR030_D550	256.69	59.03	63.78		64.34	0.003386	3.30	77.70	22.13	0.56
GR	29.500*	Max WS	TR030_D600	257.63	59.03	63.79		64.35	0.003390	3.31	77.85	22.13	0.56
GR	29.500*	Max WS	TR030_D650	257.02	59.03	63.79		64.34	0.003373	3.30	77.86	22.13	0.56
GR	29.500*	Max WS	TR030_D700	255.21	59.03	63.78		64.33	0.003357	3.29	77.62	22.13	0.56
GR	29.400*	Max WS	TR030_D450	245.63	59.03	63.67		64.21	0.003495	3.26	75.37	22.28	0.57
GR	29.400*	Max WS	TR030_D350	236.45	59.03	63.61		64.13	0.003410	3.19	74.09	22.28	0.56
GR	29.400*	Max WS	TR030_D400	241.25	59.03	63.64		64.17	0.003454	3.23	74.76	22.28	0.56
GR	29.400*	Max WS	TR030_D500	251.90	59.03	63.69		64.25	0.003593	3.32	75.94	22.28	0.57
GR	29.400*	Max WS	TR030_D550	253.68	59.03	63.71		64.27	0.003582	3.32	76.37	22.28	0.57
GR	29.400*	Max WS	TR030_D600	254.46	59.03	63.72		64.28	0.003581	3.32	76.53	22.28	0.57
GR	29.400*	Max WS	TR030_D650	254.96	59.03	63.72		64.28	0.003601	3.33	76.49	22.28	0.57
GR	29.400*	Max WS	TR030_D700	252.22	59.03	63.71		64.27	0.003550	3.31	76.31	22.28	0.57
GR	29.300*	Max WS	TR030_D450	242.20	59.03	63.59		64.17	0.003749	3.36	72.10	20.99	0.58
GR	29.300*	Max WS	TR030_D350	233.61	59.03	63.54		64.09	0.003666	3.29	70.92	20.99	0.57
GR	29.300*	Max WS	TR030_D400	238.13	59.03	63.57		64.13	0.003711	3.33	71.54	20.99	0.58
GR	29.300*	Max WS	TR030_D500	246.19	59.03	63.62		64.20	0.003790	3.39	72.63	20.99	0.58
GR	29.300*	Max WS	TR030_D550	248.88	59.03	63.64		64.23	0.003811	3.41	73.03	20.99	0.58
GR	29.300*	Max WS	TR030_D600	249.50	59.03	63.64		64.24	0.003805	3.41	73.19	20.99	0.58
GR	29.300*	Max WS	TR030_D650	248.91	59.03	63.64		64.23	0.003790	3.40	73.17	20.99	0.58
GR	29.300*	Max WS	TR030_D700	247.47	59.03	63.63		64.22	0.003776	3.39	72.98	20.99	0.58
GR	29.200*	Max WS	TR030_D450	234.95	59.03	63.52		64.10	0.003818	3.37	69.67	19.67	0.57
GR	29.200*	Max WS	TR030_D350	227.03	59.03	63.47		64.02	0.003736	3.31	68.58	19.67	0.57
GR	29.200*	Max WS	TR030_D400	231.30	59.03	63.49		64.06	0.003784	3.35	69.14	19.67	0.57
GR	29.200*	Max WS	TR030_D500	237.90	59.03	63.55		64.13	0.003835	3.39	70.15	19.67	0.57
GR	29.200*	Max WS	TR030_D550	240.16	59.03	63.56		64.15	0.003850	3.41	70.51	19.67	0.57
GR	29.200*	Max WS	TR030_D600	241.43	59.03	63.57		64.17	0.003867	3.42	70.65	19.67	0.58
GR	29.200*	Max WS	TR030_D650	240.51	59.03	63.57		64.16	0.003838	3.40	70.65	19.67	0.57
GR	29.200*	Max WS	TR030_D700	238.82	59.03	63.56		64.15	0.003810	3.39	70.49	19.67	0.57
GR	29.100*	Max WS	TR030_D450	235.57	59.04	63.44		64.05	0.004122	3.46	68.06	19.24	0.59
GR	29.100*	Max WS	TR030_D350	228.69	59.04	63.38		63.98	0.004068	3.41	67.01	19.24	0.58
GR	29.100*	Max WS	TR030_D400	232.35	59.04	63.41		64.02	0.004098	3.44	67.57	19.24	0.59
GR	29.100*	Max WS	TR030_D500	238.38	59.04	63.46		64.08	0.004133	3.48	68.54	19.24	0.59
GR	29.100*	Max WS	TR030_D550	240.46	59.04	63.48		64.10	0.004142	3.49	68.90	19.24	0.59
GR	29.100*	Max WS	TR030_D600	241.05	59.04	63.49		64.11	0.004137	3.49	69.04	19.24	0.59
GR	29.100*	Max WS	TR030_D650	240.46	59.04	63.49		64.11	0.004116	3.48	69.04	19.24	0.59
GR	29.100*	Max WS	TR030_D700	239.03	59.04	63.48		64.09	0.004094	3.47	68.89	19.24	0.59
GR	29	Max WS	TR030_D450	236.05	59.04	63.35		63.97	0.004549	3.49	67.59	20.60	0.62
GR	29	Max WS	TR030_D350	229.45	59.04	63.30		63.91	0.004519	3.45	66.48	20.60	0.61
GR	29	Max WS	TR030_D400	232.98	59.04	63.33		63.94	0.004538	3.47	67.06	20.60	0.61
GR	29	Max WS	TR030_D500	238.39	59.04	63.38		64.00	0.004535	3.50	68.11	20.60	0.61
GR	29	Max WS	TR030_D550	240.41	59.04	63.40		64.02	0.004537	3.51	68.48	20.60	0.61
GR	29	Max WS	TR030_D600	240.81	59.04	63.40		64.03	0.004520	3.51	68.64	20.60	0.61
GR	29	Max WS	TR030_D650	240.29	59.04	63.40		64.03	0.004498	3.50	68.65	20.60	0.61
GR	29	Max WS	TR030_D700	238.92	59.04	63.40		64.02	0.004479	3.49	68.49	20.60	0.61
GR	28.900*	Max WS	TR030_D450	239.24	58.96	63.25		63.84	0.004470	3.38	70.70	23.24	0.62
GR	28.900*	Max WS	TR030_D350	232.76	58.96	63.20		63.77	0.004464	3.35	69.47	23.24	0.62
GR	28.900*	Max WS	TR030_D400	236.14	58.96	63.23		63.81	0.004468	3.37	70.11	23.24	0.62
GR	28.900*	Max WS	TR030_D500	242.29	58.96	63.28		63.87	0.004467	3.40	71.30	23.24	0.62
GR	28.900*	Max WS	TR030_D550	243.61	58.96	63.30		63.88	0.004441	3.40	71.69	23.24	0.62
GR	28.900*	Max WS	TR030_D600	244.61	58.96	63.30		63.89	0.004437	3.40	71.90	23.24	0.62
GR	28.900*	Max WS	TR030_D650	245.52	58.96	63.31		63.90	0.004461	3.41	71.95	23.24	0.62
GR	28.900*	Max WS	TR030_D700	245.19	58.96	63.30		63.90	0.004470	3.41	71.84	23.24	0.62
GR	28.800*	Max WS	TR030_D450	230.21	58.88	63.16		63.72	0.003630	3.30	69.82	18.96	0.55
GR	28.800*	Max WS	TR030_D350	224.92	58.88	63.11		63.66	0.003614	3.27	68.83	18.96	0.55
GR	28.800*	Max WS	TR030_D400	227.66	58.88	63.14		63.69	0.003622	3.28	69.35	18.96	0.55
GR	28.800*	Max WS	TR030_D500	232.68	58.88	63.19		63.75	0.003633	3.31	70.31	18.96	0.55
GR	28.800*	Max WS	TR030_D550	233.77	58.88	63.21		63.77	0.003616	3.31	70.63	18.96	0.55
GR	28.800*	Max WS	TR030_D600	234.51	58.88	63.22		63.78	0.003614	3.31	70.80	18.96	0.55
GR	28.800*	Max WS	TR030_D650	234.68	58.88	63.22		63.78	0.003615	3.31	70.83	18.96	0.55
GR	28.800*	Max WS	TR030_D700	234.71	58.88	63.21		63.77	0.003631	3.32	70.73	18.96	0.55
GR	28.700*	Max WS	TR030_D450	221.72	58.80	63.09		63.54	0.003172	2.97	74.66	23.12	0.53
GR	28.700*	Max WS	TR030_D350	217.05	58.80	63.04		63.48	0.003176	2.95	73.46	22.97	0.53
GR	28.700*	Max WS	TR030_D400	219.49	58.80	63.06		63.51	0.003174	2.96	74.09	23.05	0.53
GR	28.700*	Max WS	TR030_D500	223.91	58.80	63.11		63.57	0.003162	2.98	75.25	23.16	0.53
GR	28.700*	Max WS	TR030_D550	224.83	58.80	63.13		63.58	0.003134	2.97	75.67	23.16	0.52
GR	28.700*	Max WS	TR030_D600	225.44	58.80	63.14		63.59	0.003125	2.97	75.88	23.16	0.52
GR	28.700*	Max WS	TR030_D650	225.61	58.80	63.14		63.59	0.003125	2.97	75.92	23.16	0.52
GR	28.700*	Max WS	TR030_D700	225.65	58.80	63.14		63.59	0.003143	2.98	75.79	23.16	0.53
GR	28.600*	Max WS	TR030_D450	218.03	58.72	63.03		63.44	0.002793	2.82	77.19	23.31	0.50
GR	28.600*	Max WS	TR030_D350	213.86	58.72	62.98		63.38	0.002821	2.82	75.96	23.31	0.50
GR	28.600*	Max WS	TR030_D400	216.06	58.72	63.01		63.41	0.002807	2.82	76.60	23.31	0.50
GR	28.600*	Max WS	TR030_D500	219.96	58.72	63.06		63.46	0.002776	2.83	77.80	23.31	0.49
GR	28.600*	Max WS	TR030_D550	220.68	58.72	63.08		63.48	0.002745	2.82	78.25	23.31	0.49
GR	28.600*	Max WS	TR030_D600	221.21	58.72	63.09		63.49	0.002735	2.82	78.46	23.31	0.49
GR	28.600*	Max WS	TR030_D650	221.34	58.72	63.09		63.49	0.002734	2.82	78.51	23.31	0.49
GR	28.600*	Max WS	TR030_D700	221.38	58.72	63.08		63.49	0.002752	2.83	78.35	23.31	0.49
GR	28.500*	Max WS	TR030_D450	217.63	58.65	62.98		63.36	0.002602	2.73	79.75	24.23	0.48
GR	28.500*	Max WS	TR030_D350	214.02	58.65	62.92		63.30	0.002648	2.73	78.43	24.23	0.48
GR	28.500*	Max WS	TR030_D400	215.89	58.65	62.95		63.33	0.002623	2.73	79.12	24.23	0.48
GR	28.500*	Max WS	TR030_D500	219.24	58.65	63.01		63.38	0.002576	2.73	80.41	24.23	0.48
GR	28.500*	Max WS	TR030_D550	219.71	58.65	63.03		63.40	0.002539	2.72	80.90	24.23	0.47
GR	28.500*	Max WS	TR030_D600	220.01	58.65	63.04		63.41	0.002522	2.71	81.14	24.23	0.47
GR	28.500*	Max WS	TR030_D650	220.08	58.65	63.04		63.41	0.002521	2.71	81.18	24.23	0.47

HEC-RAS River: Greve Reach: GR 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
GR	28.500*	Max WS	TR030_D700	220.17	58.65	63.03		63.41	0.002539	2.72	81.01	24.23	0.47
GR	28.400*	Max WS	TR030_D450	221.04	58.57	62.92		63.29	0.002546	2.69	82.06	25.19	0.48
GR	28.400*	Max WS	TR030_D350	217.28	58.57	62.87		63.24	0.002592	2.69	80.68	25.19	0.48
GR	28.400*	Max WS	TR030_D400	219.25	58.57	62.90		63.27	0.002568	2.69	81.40	25.19	0.48
GR	28.400*	Max WS	TR030_D500	222.59	58.57	62.95		63.32	0.002516	2.69	82.76	25.19	0.47
GR	28.400*	Max WS	TR030_D550	222.97	58.57	62.97		63.34	0.002474	2.68	83.30	25.19	0.47
GR	28.400*	Max WS	TR030_D600	223.18	58.57	62.98		63.35	0.002455	2.67	83.56	25.19	0.47
GR	28.400*	Max WS	TR030_D650	223.22	58.57	62.99		63.35	0.002452	2.67	83.61	25.19	0.47
GR	28.400*	Max WS	TR030_D700	223.16	58.57	62.98		63.34	0.002467	2.67	83.43	25.19	0.47
GR	28.300*	Max WS	TR030_D450	223.83	58.49	62.87		63.23	0.002782	2.65	84.43	29.12	0.50
GR	28.300*	Max WS	TR030_D350	219.70	58.49	62.82		63.17	0.002845	2.65	82.84	29.12	0.50
GR	28.300*	Max WS	TR030_D400	221.87	58.49	62.84		63.20	0.002812	2.65	83.67	29.12	0.50
GR	28.300*	Max WS	TR030_D500	225.56	58.49	62.90		63.25	0.002742	2.65	85.24	29.12	0.49
GR	28.300*	Max WS	TR030_D550	226.07	58.49	62.92		63.27	0.002691	2.63	85.89	29.12	0.49
GR	28.300*	Max WS	TR030_D600	226.32	58.49	62.93		63.28	0.002666	2.63	86.21	29.12	0.49
GR	28.300*	Max WS	TR030_D650	226.36	58.49	62.93		63.28	0.002661	2.62	86.27	29.12	0.49
GR	28.300*	Max WS	TR030_D700	226.23	58.49	62.93		63.28	0.002679	2.63	86.05	29.12	0.49
GR	28.200*	Max WS	TR030_D450	225.64	58.41	62.82		63.17	0.002454	2.62	85.98	26.99	0.47
GR	28.200*	Max WS	TR030_D350	221.13	58.41	62.76		63.11	0.002485	2.62	84.51	26.99	0.47
GR	28.200*	Max WS	TR030_D400	223.49	58.41	62.79		63.14	0.002469	2.62	85.28	26.99	0.47
GR	28.200*	Max WS	TR030_D500	227.56	58.41	62.85		63.20	0.002430	2.62	86.73	26.99	0.47
GR	28.200*	Max WS	TR030_D550	228.21	58.41	62.87		63.22	0.002392	2.61	87.35	26.99	0.46
GR	28.200*	Max WS	TR030_D600	228.54	58.41	62.88		63.23	0.002373	2.61	87.65	26.99	0.46
GR	28.200*	Max WS	TR030_D650	228.59	58.41	62.88		63.23	0.002369	2.61	87.71	26.99	0.46
GR	28.200*	Max WS	TR030_D700	228.39	58.41	62.87		63.22	0.002382	2.61	87.50	26.99	0.46
GR	28.100*	Max WS	TR030_D450	226.84	58.33	62.77		63.11	0.002409	2.58	87.90	28.29	0.47
GR	28.100*	Max WS	TR030_D350	222.03	58.33	62.72		63.05	0.002437	2.57	86.37	28.28	0.47
GR	28.100*	Max WS	TR030_D400	224.55	58.33	62.74		63.08	0.002422	2.58	87.17	28.29	0.47
GR	28.100*	Max WS	TR030_D500	228.92	58.33	62.80		63.14	0.002385	2.58	88.70	28.29	0.47
GR	28.100*	Max WS	TR030_D550	229.69	58.33	62.82		63.16	0.002346	2.57	89.37	28.29	0.46
GR	28.100*	Max WS	TR030_D600	230.07	58.33	62.83		63.17	0.002328	2.57	89.69	28.29	0.46
GR	28.100*	Max WS	TR030_D650	230.14	58.33	62.84		63.17	0.002324	2.56	89.75	28.29	0.46
GR	28.100*	Max WS	TR030_D700	229.88	58.33	62.83		63.16	0.002337	2.57	89.53	28.29	0.46
GR	28	Max WS	TR030_D450	226.92	58.25	62.63	61.06	63.06	0.005376	2.88	78.77	13.72	0.44
GR	28	Max WS	TR030_D350	222.08	58.25	62.59	61.03	63.00	0.005032	2.84	78.11	15.47	0.44
GR	28	Max WS	TR030_D400	224.61	58.25	62.61	61.05	63.03	0.005209	2.86	78.47	14.55	0.44
GR	28	Max WS	TR030_D500	229.00	58.25	62.66	61.08	63.09	0.005546	2.90	79.09	12.81	0.44
GR	28	Max WS	TR030_D550	229.79	58.25	62.68	61.08	63.11	0.005642	2.90	79.33	12.09	0.44
GR	28	Max WS	TR030_D600	230.17	58.25	62.69	61.09	63.11	0.005689	2.90	79.43	11.75	0.44
GR	28	Max WS	TR030_D650	230.24	58.25	62.69	61.09	63.12	0.005697	2.90	79.45	11.69	0.44
GR	28	Max WS	TR030_D700	229.98	58.25	62.68	61.08	63.11	0.005666	2.90	79.38	11.91	0.44
GR	27		Bridge										
GR	26	Max WS	TR030_D450	226.92	58.26	62.60	61.01	63.02	0.004537	2.85	79.63	14.20	0.44
GR	26	Max WS	TR030_D350	222.08	58.26	62.56	60.98	62.96	0.004236	2.81	78.98	15.82	0.43
GR	26	Max WS	TR030_D400	224.61	58.26	62.58	60.99	62.99	0.004391	2.83	79.33	14.97	0.43
GR	26	Max WS	TR030_D500	229.00	58.26	62.62	61.03	63.04	0.004674	2.87	79.88	13.51	0.44
GR	26	Max WS	TR030_D550	229.79	58.26	62.63	61.03	63.05	0.004726	2.87	79.98	13.25	0.44
GR	26	Max WS	TR030_D600	230.17	58.26	62.63	61.03	63.05	0.004752	2.88	80.02	13.12	0.44
GR	26	Max WS	TR030_D650	230.24	58.26	62.63	61.03	63.05	0.004757	2.88	80.03	13.10	0.44
GR	26	Max WS	TR030_D700	229.98	58.26	62.63	61.03	63.05	0.004739	2.87	80.00	13.19	0.44
GR	25.9		Lat Struct										
GR	25.7		Lat Struct										
GR	25	Max WS	TR030_D450	224.08	59.17	62.53		63.00	0.003489	3.03	73.83	24.71	0.56
GR	25	Max WS	TR030_D350	219.42	59.17	62.49		62.95	0.003493	3.01	72.80	24.71	0.56
GR	25	Max WS	TR030_D400	221.86	59.17	62.51		62.98	0.003492	3.03	73.34	24.71	0.56
GR	25	Max WS	TR030_D500	226.10	59.17	62.55		63.02	0.003488	3.04	74.27	24.71	0.56
GR	25	Max WS	TR030_D550	226.85	59.17	62.56		63.03	0.003488	3.05	74.44	24.71	0.56
GR	25	Max WS	TR030_D600	227.22	59.17	62.56		63.03	0.003487	3.05	74.52	24.71	0.56
GR	25	Max WS	TR030_D650	227.29	59.17	62.56		63.03	0.003487	3.05	74.54	24.71	0.56
GR	25	Max WS	TR030_D700	227.04	59.17	62.56		63.03	0.003487	3.05	74.48	24.71	0.56
GR	24.8	Max WS	TR030_D450	222.87	59.17	62.53	61.55	62.99	0.003465	3.02	73.74	24.71	0.56
GR	24.8	Max WS	TR030_D350	218.25	59.17	62.49	61.52	62.94	0.003471	3.00	72.71	24.71	0.56
GR	24.8	Max WS	TR030_D400	220.67	59.17	62.51	61.54	62.97	0.003468	3.01	73.25	24.71	0.56
GR	24.8	Max WS	TR030_D500	224.86	59.17	62.54	61.56	63.01	0.003463	3.03	74.18	24.71	0.56
GR	24.8	Max WS	TR030_D550	225.60	59.17	62.55	61.57	63.02	0.003462	3.03	74.35	24.71	0.56
GR	24.8	Max WS	TR030_D600	225.97	59.17	62.55	61.57	63.02	0.003463	3.04	74.42	24.71	0.56
GR	24.8	Max WS	TR030_D650	226.03	59.17	62.56	61.57	63.03	0.003463	3.04	74.44	24.71	0.56
GR	24.8	Max WS	TR030_D700	225.79	59.17	62.55	61.57	63.02	0.003462	3.04	74.38	24.71	0.56
GR	24.5		Int Struct										
GR	24	Max WS	TR030_D450	222.85	57.05	59.66		60.37	0.006665	3.73	59.82	25.84	0.78
GR	24	Max WS	TR030_D350	218.25	57.05	59.54		60.30	0.007551	3.85	56.72	25.81	0.83
GR	24	Max WS	TR030_D400	220.67	57.05	59.61		60.34	0.007073	3.78	58.32	25.83	0.80
GR	24	Max WS	TR030_D500	224.80	57.05	59.71		60.40	0.006340	3.68	61.13	25.86	0.76
GR	24	Max WS	TR030_D550	225.57	57.05	59.75		60.42	0.006114	3.64	61.98	25.87	0.75
GR	24	Max WS	TR030_D600	225.92	57.05	59.76		60.43	0.006003	3.62	62.41	25.87	0.74
GR	24	Max WS	TR030_D650	225.99	57.05	59.77		60.43	0.005993	3.62	62.45	25.87	0.74
GR	24	Max WS	TR030_D700	225.76	57.05	59.76		60.43	0.006054	3.63	62.21	25.87	0.75
GR	23.857*	Max WS	TR030_D450	223.49	56.79	59.61		60.21	0.005116	3.42	65.35	27.31	0.71
GR	23.857*	Max WS	TR030_D350	218.69	56.79	59.49		60.12	0.005778	3.53	61.95	27.18	0.75
GR	23.857*	Max WS	TR030_D400	221.21	56.79	59.55		60.16	0.005420	3.47	63.71	27.25	0.73
GR	23.857*	Max WS	TR030_D500	225.57	56.79	59.66		60.24	0.004873	3.38	66.79	27.37	0.69
GR	23.857*	Max WS	TR030_D550	226.44	56.79	59.70		60.27	0.004705	3.34	67.73	27.40	0.68
GR	23.857*	Max WS	TR030_D600	226.83	56.79	59.71		60.28	0.004622	3.33	68.20	27.42	0.67
GR	23.857*	Max WS	TR030_D650	226.89	56.79	59.72		60.28	0.004626	3.32	68.26	27.49	0.67

HEC-RAS River: Greve Reach: GR 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
GR	23.857*	Max WS	TR030_D700	226.63	56.79	59.71		60.27	0.004659	3.33	67.98	27.41	0.68
GR	23.714*	Max WS	TR030_D450	224.74	56.54	59.56		60.06	0.004353	3.12	72.10	31.56	0.66
GR	23.714*	Max WS	TR030_D350	219.66	56.54	59.44		59.97	0.004771	3.22	68.15	30.41	0.69
GR	23.714*	Max WS	TR030_D400	222.33	56.54	59.50		60.01	0.004519	3.17	70.18	30.83	0.67
GR	23.714*	Max WS	TR030_D500	226.98	56.54	59.62		60.10	0.004232	3.07	73.83	32.27	0.65
GR	23.714*	Max WS	TR030_D550	227.99	56.54	59.65		60.12	0.004070	3.04	74.96	32.27	0.64
GR	23.714*	Max WS	TR030_D600	228.42	56.54	59.67		60.14	0.003989	3.02	75.53	32.28	0.63
GR	23.714*	Max WS	TR030_D650	228.47	56.54	59.67		60.14	0.003981	3.02	75.59	32.28	0.63
GR	23.714*	Max WS	TR030_D700	228.18	56.54	59.66		60.13	0.004025	3.03	75.26	32.27	0.63
GR	23.571*	Max WS	TR030_D450	226.67	56.28	59.52		59.92	0.003454	2.80	80.90	35.22	0.59
GR	23.571*	Max WS	TR030_D350	221.26	56.28	59.39		59.82	0.003969	2.90	76.27	35.20	0.63
GR	23.571*	Max WS	TR030_D400	224.11	56.28	59.46		59.87	0.003690	2.85	78.67	35.21	0.61
GR	23.571*	Max WS	TR030_D500	229.10	56.28	59.58		59.97	0.003273	2.77	82.85	35.23	0.58
GR	23.571*	Max WS	TR030_D550	230.25	56.28	59.61		59.99	0.003150	2.74	84.13	35.24	0.57
GR	23.571*	Max WS	TR030_D600	230.75	56.28	59.63		60.01	0.003088	2.72	84.77	35.24	0.56
GR	23.571*	Max WS	TR030_D650	230.78	56.28	59.63		60.01	0.003081	2.72	84.83	35.24	0.56
GR	23.571*	Max WS	TR030_D700	230.46	56.28	59.62		60.00	0.003115	2.73	84.47	35.24	0.56
GR	23.429*	Max WS	TR030_D450	229.23	56.03	59.49		59.81	0.002600	2.50	91.63	38.33	0.52
GR	23.429*	Max WS	TR030_D350	223.46	56.03	59.35		59.69	0.002976	2.59	86.36	38.17	0.55
GR	23.429*	Max WS	TR030_D400	226.50	56.03	59.42		59.75	0.002776	2.54	89.05	38.24	0.53
GR	23.429*	Max WS	TR030_D500	231.87	56.03	59.55		59.86	0.002464	2.47	93.91	38.41	0.50
GR	23.429*	Max WS	TR030_D550	233.19	56.03	59.59		59.89	0.002371	2.44	95.42	38.47	0.50
GR	23.429*	Max WS	TR030_D600	233.75	56.03	59.61		59.91	0.002325	2.43	96.17	38.49	0.49
GR	23.429*	Max WS	TR030_D650	233.77	56.03	59.61		59.91	0.002319	2.43	96.25	38.50	0.49
GR	23.429*	Max WS	TR030_D700	233.40	56.03	59.60		59.90	0.002345	2.44	95.82	38.48	0.49
GR	23.286*	Max WS	TR030_D450	232.38	55.77	59.47		59.73	0.001896	2.22	104.85	41.58	0.45
GR	23.286*	Max WS	TR030_D350	226.16	55.77	59.33		59.60	0.002161	2.29	98.83	41.37	0.47
GR	23.286*	Max WS	TR030_D400	229.47	55.77	59.40		59.66	0.002020	2.25	101.92	41.47	0.46
GR	23.286*	Max WS	TR030_D500	235.26	55.77	59.54		59.78	0.001801	2.19	107.44	41.67	0.44
GR	23.286*	Max WS	TR030_D550	236.77	55.77	59.58		59.82	0.001737	2.17	109.15	41.74	0.43
GR	23.286*	Max WS	TR030_D600	237.40	55.77	59.60		59.84	0.001705	2.16	110.00	41.77	0.42
GR	23.286*	Max WS	TR030_D650	237.39	55.77	59.60		59.84	0.001699	2.16	110.10	41.77	0.42
GR	23.286*	Max WS	TR030_D700	236.97	55.77	59.59		59.83	0.001717	2.16	109.60	41.75	0.43
GR	23.143*	Max WS	TR030_D450	237.55	55.52	59.47		59.67	0.001383	1.97	120.33	44.78	0.38
GR	23.143*	Max WS	TR030_D350	230.85	55.52	59.32		59.53	0.001561	2.03	113.68	44.59	0.41
GR	23.143*	Max WS	TR030_D400	234.42	55.52	59.40		59.60	0.001467	2.00	117.09	44.69	0.39
GR	23.143*	Max WS	TR030_D500	240.70	55.52	59.53		59.73	0.001320	1.95	123.15	44.86	0.38
GR	23.143*	Max WS	TR030_D550	242.42	55.52	59.58		59.77	0.001278	1.94	125.01	44.91	0.37
GR	23.143*	Max WS	TR030_D600	243.13	55.52	59.60		59.79	0.001256	1.93	125.93	44.94	0.37
GR	23.143*	Max WS	TR030_D650	243.08	55.52	59.60		59.79	0.001252	1.93	126.05	44.94	0.37
GR	23.143*	Max WS	TR030_D700	242.62	55.52	59.59		59.78	0.001264	1.93	125.51	44.93	0.37
GR	23	Max WS	TR030_D450	244.47	55.26	59.47		59.63	0.001023	1.77	137.80	47.90	0.33
GR	23	Max WS	TR030_D350	237.20	55.26	59.32		59.49	0.001139	1.82	130.63	47.74	0.35
GR	23	Max WS	TR030_D400	241.09	55.26	59.40		59.56	0.001078	1.79	134.32	47.82	0.34
GR	23	Max WS	TR030_D500	247.93	55.26	59.54		59.69	0.000982	1.76	140.83	47.97	0.33
GR	23	Max WS	TR030_D550	249.91	55.26	59.58		59.73	0.000955	1.75	142.80	48.02	0.32
GR	23	Max WS	TR030_D600	250.71	55.26	59.60		59.75	0.000941	1.74	143.80	48.04	0.32
GR	23	Max WS	TR030_D650	250.62	55.26	59.60		59.75	0.000937	1.74	143.93	48.04	0.32
GR	23	Max WS	TR030_D700	250.11	55.26	59.59		59.74	0.000946	1.74	143.35	48.03	0.32
GR	22.941*	Max WS	TR030_D450	247.95	55.21	59.46		59.63	0.001093	1.84	134.94	46.93	0.35
GR	22.941*	Max WS	TR030_D350	240.26	55.21	59.31		59.49	0.001214	1.88	127.93	46.76	0.36
GR	22.941*	Max WS	TR030_D400	244.37	55.21	59.38		59.56	0.001150	1.86	131.54	46.85	0.35
GR	22.941*	Max WS	TR030_D500	251.68	55.21	59.52		59.69	0.001052	1.83	137.89	47.00	0.34
GR	22.941*	Max WS	TR030_D550	253.85	55.21	59.56		59.73	0.001025	1.82	139.81	47.05	0.34
GR	22.941*	Max WS	TR030_D600	254.73	55.21	59.58		59.75	0.001010	1.81	140.79	47.07	0.33
GR	22.941*	Max WS	TR030_D650	254.62	55.21	59.58		59.75	0.001006	1.81	140.92	47.08	0.33
GR	22.941*	Max WS	TR030_D700	253.92	55.21	59.57		59.74	0.001014	1.81	140.33	47.06	0.33
GR	22.882*	Max WS	TR030_D450	249.16	55.15	59.44		59.63	0.001144	1.88	132.23	45.96	0.35
GR	22.882*	Max WS	TR030_D350	241.13	55.15	59.30		59.48	0.001266	1.92	125.38	45.79	0.37
GR	22.882*	Max WS	TR030_D400	245.42	55.15	59.37		59.56	0.001202	1.90	128.90	45.88	0.36
GR	22.882*	Max WS	TR030_D500	253.12	55.15	59.51		59.69	0.001104	1.87	135.11	46.04	0.35
GR	22.882*	Max WS	TR030_D550	255.42	55.15	59.55		59.73	0.001077	1.86	136.98	46.09	0.35
GR	22.882*	Max WS	TR030_D600	256.37	55.15	59.57		59.74	0.001062	1.86	137.92	46.11	0.34
GR	22.882*	Max WS	TR030_D650	256.27	55.15	59.57		59.75	0.001058	1.86	138.06	46.12	0.34
GR	22.882*	Max WS	TR030_D700	255.51	55.15	59.56		59.73	0.001065	1.86	137.48	46.10	0.34
GR	22.824*	Max WS	TR030_D450	250.50	55.10	59.43		59.62	0.001204	1.94	129.40	45.00	0.36
GR	22.824*	Max WS	TR030_D350	242.14	55.10	59.28		59.48	0.001328	1.97	122.70	44.81	0.38
GR	22.824*	Max WS	TR030_D400	246.60	55.10	59.36		59.55	0.001263	1.95	126.14	44.91	0.37
GR	22.824*	Max WS	TR030_D500	254.72	55.10	59.49		59.68	0.001164	1.93	132.21	45.08	0.36
GR	22.824*	Max WS	TR030_D550	257.17	55.10	59.53		59.72	0.001137	1.92	134.02	45.13	0.36
GR	22.824*	Max WS	TR030_D600	258.19	55.10	59.55		59.74	0.001122	1.91	134.94	45.15	0.35
GR	22.824*	Max WS	TR030_D650	258.12	55.10	59.56		59.74	0.001118	1.91	135.08	45.16	0.35
GR	22.824*	Max WS	TR030_D700	257.27	55.10	59.55		59.73	0.001125	1.91	134.53	45.14	0.35
GR	22.765*	Max WS	TR030_D450	251.92	55.05	59.42		59.62	0.001271	1.99	126.50	44.04	0.38
GR	22.765*	Max WS	TR030_D350	243.23	55.05	59.27		59.48	0.001399	2.03	119.92	43.84	0.39
GR	22.765*	Max WS	TR030_D400	247.84	55.05	59.35		59.55	0.001333	2.01	123.29	43.94	0.38
GR	22.765*	Max WS	TR030_D500	256.39	55.05	59.48		59.68	0.001233	1.98	129.18	44.12	0.37
GR	22.765*	Max WS	TR030_D550	258.99	55.05	59.52		59.72	0.001206	1.98	130.95	44.17	0.37
GR	22.765*	Max WS	TR030_D600	260.09	55.05	59.54		59.74	0.001191	1.97	131.85	44.19	0.36
GR	22.765*	Max WS	TR030_D650	260.04	55.05	59.54		59.74	0.001186	1.97	132.00	44.20	0.36
GR	22.765*	Max WS	TR030_D700	259.12	55.05	59.53		59.73	0.001193	1.97	131.46	44.18	0.36
GR	22.706*	Max WS	TR030_D450	253.05	54.99	59.41		59.62	0.001343	2.05	123.53	43.08	0.39
GR	22.706*	Max WS	TR030_D350	243.97	54.99	59.26		59.48	0.001475	2.08	117.09	42.87	0.40
GR	22.706*	Max WS	TR030_D400	248.75	54.99	59.33		59.55	0.001407	2.07	120.37	42.98	0.39
GR	22.706*	Max WS	TR030_D500	257.69	54.99	59.47		59.68	0.001306	2.04	126.12	43.16	0.38
GR	22.706*	Max WS	TR030_D550	260.43	54.99	59.51		59.72	0.001279	2.04	127.83	43.21	0.38
GR	22.706*	Max WS	TR030_D600	261.59	54.99	59.53		59.74	0.001264	2.03	128.70	43.24	0.38

HEC-RAS River: Greve Reach: GR 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
GR	22.706*	Max WS	TR030_D650	261.57	54.99	59.53		59.74	0.001259	2.03	128.86	43.24	0.38
GR	22.706*	Max WS	TR030_D700	260.58	54.99	59.52		59.73	0.001265	2.03	128.33	43.23	0.38
GR	22.647*	Max WS	TR030_D450	254.36	54.94	59.39		59.62	0.001429	2.11	120.42	42.12	0.40
GR	22.647*	Max WS	TR030_D350	244.59	54.94	59.24		59.47	0.001560	2.14	114.15	41.91	0.41
GR	22.647*	Max WS	TR030_D400	249.61	54.94	59.32		59.55	0.001490	2.13	117.36	42.01	0.41
GR	22.647*	Max WS	TR030_D500	258.88	54.94	59.45		59.68	0.001387	2.11	122.97	42.20	0.39
GR	22.647*	Max WS	TR030_D550	261.75	54.94	59.49		59.71	0.001361	2.10	124.62	42.26	0.39
GR	22.647*	Max WS	TR030_D600	262.97	54.94	59.51		59.73	0.001345	2.10	125.48	42.29	0.39
GR	22.647*	Max WS	TR030_D650	262.98	54.94	59.51		59.74	0.001340	2.09	125.63	42.29	0.39
GR	22.647*	Max WS	TR030_D700	261.93	54.94	59.50		59.72	0.001346	2.09	125.12	42.27	0.39
GR	22.588*	Max WS	TR030_D450	254.90	54.89	59.37		59.62	0.001517	2.17	117.26	41.16	0.41
GR	22.588*	Max WS	TR030_D350	244.55	54.89	59.23		59.47	0.001645	2.20	111.20	40.94	0.43
GR	22.588*	Max WS	TR030_D400	249.89	54.89	59.30		59.55	0.001577	2.19	114.31	41.06	0.42
GR	22.588*	Max WS	TR030_D500	259.30	54.89	59.44		59.67	0.001470	2.16	119.78	41.25	0.41
GR	22.588*	Max WS	TR030_D550	262.22	54.89	59.48		59.71	0.001442	2.16	121.39	41.31	0.40
GR	22.588*	Max WS	TR030_D600	263.47	54.89	59.50		59.73	0.001426	2.16	122.24	41.34	0.40
GR	22.588*	Max WS	TR030_D650	263.50	54.89	59.50		59.74	0.001420	2.15	122.39	41.35	0.40
GR	22.588*	Max WS	TR030_D700	262.43	54.89	59.49		59.72	0.001427	2.15	121.88	41.33	0.40
GR	22.529*	Max WS	TR030_D450	254.91	54.83	59.36		59.61	0.001608	2.23	114.07	40.21	0.42
GR	22.529*	Max WS	TR030_D350	244.62	54.83	59.21		59.47	0.001745	2.26	108.15	39.98	0.44
GR	22.529*	Max WS	TR030_D400	249.94	54.83	59.29		59.55	0.001672	2.25	111.19	40.10	0.43
GR	22.529*	Max WS	TR030_D500	259.41	54.83	59.42		59.67	0.001559	2.23	116.55	40.31	0.42
GR	22.529*	Max WS	TR030_D550	262.34	54.83	59.46		59.71	0.001530	2.22	118.12	40.36	0.41
GR	22.529*	Max WS	TR030_D600	263.60	54.83	59.48		59.73	0.001512	2.22	118.93	40.36	0.41
GR	22.529*	Max WS	TR030_D650	263.65	54.83	59.48		59.73	0.001506	2.21	119.08	40.36	0.41
GR	22.529*	Max WS	TR030_D700	262.57	54.83	59.47		59.72	0.001513	2.21	118.60	40.36	0.41
GR	22.471*	Max WS	TR030_D450	254.92	54.78	59.34		59.61	0.001714	2.30	110.78	39.26	0.44
GR	22.471*	Max WS	TR030_D350	244.68	54.78	59.20		59.47	0.001842	2.33	105.05	38.62	0.45
GR	22.471*	Max WS	TR030_D400	249.99	54.78	59.27		59.55	0.001775	2.32	107.98	38.95	0.44
GR	22.471*	Max WS	TR030_D500	259.50	54.78	59.41		59.67	0.001662	2.29	113.21	39.36	0.43
GR	22.471*	Max WS	TR030_D550	262.43	54.78	59.44		59.71	0.001629	2.29	114.75	39.36	0.43
GR	22.471*	Max WS	TR030_D600	263.70	54.78	59.46		59.73	0.001610	2.28	115.54	39.36	0.43
GR	22.471*	Max WS	TR030_D650	263.77	54.78	59.47		59.73	0.001605	2.28	115.68	39.36	0.42
GR	22.471*	Max WS	TR030_D700	262.67	54.78	59.46		59.72	0.001612	2.28	115.22	39.36	0.43
GR	22.412*	Max WS	TR030_D450	255.04	54.73	59.33		59.61	0.001824	2.37	107.43	37.96	0.45
GR	22.412*	Max WS	TR030_D350	244.74	54.73	59.18		59.47	0.001958	2.40	101.89	37.36	0.46
GR	22.412*	Max WS	TR030_D400	250.05	54.73	59.26		59.55	0.001888	2.39	104.72	37.67	0.46
GR	22.412*	Max WS	TR030_D500	259.60	54.73	59.39		59.67	0.001773	2.36	109.78	38.16	0.45
GR	22.412*	Max WS	TR030_D550	262.54	54.73	59.43		59.71	0.001742	2.36	111.27	38.25	0.44
GR	22.412*	Max WS	TR030_D600	263.82	54.73	59.45		59.73	0.001722	2.35	112.05	38.30	0.44
GR	22.412*	Max WS	TR030_D650	263.90	54.73	59.45		59.73	0.001717	2.35	112.19	38.31	0.44
GR	22.412*	Max WS	TR030_D700	262.80	54.73	59.44		59.72	0.001723	2.35	111.73	38.28	0.44
GR	22.353*	Max WS	TR030_D450	255.15	54.67	59.31		59.62	0.001953	2.45	104.05	36.76	0.47
GR	22.353*	Max WS	TR030_D350	244.82	54.67	59.16		59.48	0.002099	2.48	98.68	36.20	0.48
GR	22.353*	Max WS	TR030_D400	250.13	54.67	59.24		59.55	0.002022	2.47	101.43	36.49	0.47
GR	22.353*	Max WS	TR030_D500	259.73	54.67	59.37		59.68	0.001897	2.44	106.32	36.89	0.46
GR	22.353*	Max WS	TR030_D550	262.68	54.67	59.41		59.71	0.001863	2.44	107.76	36.96	0.46
GR	22.353*	Max WS	TR030_D600	263.97	54.67	59.43		59.73	0.001843	2.43	108.50	37.01	0.45
GR	22.353*	Max WS	TR030_D650	264.06	54.67	59.43		59.74	0.001837	2.43	108.65	37.01	0.45
GR	22.353*	Max WS	TR030_D700	262.96	54.67	59.42		59.72	0.001844	2.43	108.21	36.99	0.45
GR	22.294*	Max WS	TR030_D450	255.28	54.62	59.29		59.62	0.002107	2.54	100.61	35.59	0.48
GR	22.294*	Max WS	TR030_D350	244.91	54.62	59.14		59.48	0.002267	2.57	95.40	35.10	0.50
GR	22.294*	Max WS	TR030_D400	250.23	54.62	59.22		59.55	0.002184	2.55	98.06	35.39	0.49
GR	22.294*	Max WS	TR030_D500	259.88	54.62	59.35		59.68	0.002046	2.53	102.80	35.69	0.48
GR	22.294*	Max WS	TR030_D550	262.86	54.62	59.39		59.72	0.002010	2.52	104.18	35.76	0.47
GR	22.294*	Max WS	TR030_D600	264.14	54.62	59.41		59.73	0.001987	2.52	104.91	35.80	0.47
GR	22.294*	Max WS	TR030_D650	264.25	54.62	59.42		59.74	0.001981	2.52	105.05	35.80	0.47
GR	22.294*	Max WS	TR030_D700	263.14	54.62	59.40		59.73	0.001989	2.52	104.62	35.78	0.47
GR	22.235*	Max WS	TR030_D450	255.44	54.56	59.27		59.62	0.002291	2.63	97.10	34.47	0.50
GR	22.235*	Max WS	TR030_D350	245.02	54.56	59.12		59.49	0.002470	2.66	92.06	34.07	0.52
GR	22.235*	Max WS	TR030_D400	250.37	54.56	59.20		59.56	0.002380	2.65	94.64	34.34	0.51
GR	22.235*	Max WS	TR030_D500	260.06	54.56	59.33		59.68	0.002224	2.62	99.22	34.56	0.49
GR	22.235*	Max WS	TR030_D550	263.07	54.56	59.37		59.72	0.002185	2.62	100.56	34.62	0.49
GR	22.235*	Max WS	TR030_D600	264.37	54.56	59.39		59.74	0.002161	2.61	101.25	34.65	0.49
GR	22.235*	Max WS	TR030_D650	264.47	54.56	59.40		59.74	0.002154	2.61	101.39	34.65	0.49
GR	22.235*	Max WS	TR030_D700	263.34	54.56	59.38		59.73	0.002162	2.61	100.98	34.64	0.49
GR	22.176*	Max WS	TR030_D450	255.62	54.51	59.25		59.63	0.002514	2.73	93.52	33.40	0.52
GR	22.176*	Max WS	TR030_D350	245.16	54.51	59.11		59.50	0.002715	2.77	88.66	33.09	0.54
GR	22.176*	Max WS	TR030_D400	250.53	54.51	59.18		59.57	0.002612	2.75	91.15	33.31	0.53
GR	22.176*	Max WS	TR030_D500	260.27	54.51	59.31		59.69	0.002440	2.72	95.57	33.48	0.51
GR	22.176*	Max WS	TR030_D550	263.31	54.51	59.35		59.73	0.002396	2.72	96.87	33.53	0.51
GR	22.176*	Max WS	TR030_D600	264.62	54.51	59.37		59.75	0.002370	2.71	97.54	33.56	0.51
GR	22.176*	Max WS	TR030_D650	264.72	54.51	59.38		59.75	0.002362	2.71	97.67	33.56	0.51
GR	22.176*	Max WS	TR030_D700	263.58	54.51	59.36		59.74	0.002371	2.71	97.28	33.55	0.51
GR	22.118*	Max WS	TR030_D450	255.82	54.46	59.23		59.64	0.002782	2.85	89.90	32.38	0.55
GR	22.118*	Max WS	TR030_D350	245.32	54.46	59.09		59.51	0.003012	2.88	85.21	32.16	0.56
GR	22.118*	Max WS	TR030_D400	250.72	54.46	59.16		59.58	0.002892	2.86	87.61	32.30	0.55
GR	22.118*	Max WS	TR030_D500	260.52	54.46	59.29		59.70	0.002700	2.84	91.87	32.44	0.54
GR	22.118*	Max WS	TR030_D550	263.58	54.46	59.33		59.74	0.002652	2.83	93.11	32.49	0.53
GR	22.118*	Max WS	TR030_D600	264.91	54.46	59.35		59.76	0.002622	2.83	93.77	32.51	0.53
GR	22.118*	Max WS	TR030_D650	265.00	54.46	59.35		59.76	0.002614	2.82	93.89	32.51	0.53
GR	22.118*	Max WS	TR030_D700	263.86	54.46	59.34		59.75	0.002624	2.82	93.51	32.50	0.53
GR	22.059*	Max WS	TR030_D450	256.06	54.40	59.21		59.66	0.003109	2.97	86.22	31.38	0.57
GR	22.059*	Max WS	TR030_D350	245.51	54.40	59.07		59.53	0.003373	3.00	81.71	31.25	0.59
GR	22.059*	Max WS	TR030_D400	250.94	54.40	59.14		59.60	0.003232	2.99	84.02	31.32	0.58
GR	22.059*	Max WS	TR030_D500	260.79	54.40	59.27		59.72	0.003016	2.96	88.12	31.44	0.56
GR	22.059*	Max WS	TR030_D550	263.89	54.40	59.31		59.76	0.002963	2.95	89.32	31.48	0.56

HEC-RAS River: Greve Reach: GR 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
GR	22.059*	Max WS	TR030_D600	265.23	54.40	59.33		59.77	0.002930	2.95	89.94	31.49	0.56
GR	22.059*	Max WS	TR030_D650	265.32	54.40	59.33		59.78	0.002920	2.95	90.06	31.50	0.56
GR	22.059*	Max WS	TR030_D700	264.17	54.40	59.32		59.76	0.002931	2.95	89.69	31.49	0.56
GR	22	Max WS	TR030_D450	256.33	54.35	59.19		59.69	0.003506	3.11	82.52	30.42	0.60
GR	22	Max WS	TR030_D350	245.72	54.35	59.05		59.55	0.003818	3.15	78.10	30.30	0.63
GR	22	Max WS	TR030_D400	251.18	54.35	59.12		59.62	0.003652	3.13	80.37	30.36	0.61
GR	22	Max WS	TR030_D500	261.10	54.35	59.25		59.74	0.003400	3.10	84.35	30.47	0.59
GR	22	Max WS	TR030_D550	264.22	54.35	59.29		59.78	0.003339	3.09	85.50	30.50	0.59
GR	22	Max WS	TR030_D600	265.57	54.35	59.31		59.80	0.003302	3.08	86.09	30.51	0.59
GR	22	Max WS	TR030_D650	265.66	54.35	59.31		59.80	0.003291	3.08	86.21	30.51	0.59
GR	22	Max WS	TR030_D700	264.50	54.35	59.30		59.79	0.003304	3.08	85.85	30.51	0.59
GR	21	Max WS	TR030_D450	259.22	53.69	59.01		59.41	0.003307	2.81	92.31	38.58	0.58
GR	21	Max WS	TR030_D350	247.97	53.69	58.85		59.27	0.003598	2.87	86.34	37.12	0.60
GR	21	Max WS	TR030_D400	253.76	53.69	58.93		59.34	0.003446	2.84	89.37	37.87	0.59
GR	21	Max WS	TR030_D500	264.42	53.69	59.08		59.47	0.003206	2.79	94.86	39.18	0.57
GR	21	Max WS	TR030_D550	267.84	53.69	59.12		59.51	0.003123	2.78	96.48	39.27	0.57
GR	21	Max WS	TR030_D600	269.33	53.69	59.14		59.53	0.003068	2.77	97.36	39.27	0.56
GR	21	Max WS	TR030_D650	269.45	53.69	59.14		59.53	0.003053	2.76	97.54	39.27	0.56
GR	21	Max WS	TR030_D700	268.16	53.69	59.13		59.52	0.003073	2.76	97.05	39.27	0.56
GR	20	Max WS	TR030_D450	263.78	53.48	58.82		59.36	0.003190	3.25	81.18	25.12	0.58
GR	20	Max WS	TR030_D350	251.77	53.48	58.67		59.21	0.003284	3.25	77.36	24.42	0.58
GR	20	Max WS	TR030_D400	257.95	53.48	58.75		59.29	0.003210	3.25	79.33	24.61	0.58
GR	20	Max WS	TR030_D500	269.40	53.48	58.89		59.43	0.003207	3.25	82.89	25.81	0.58
GR	20	Max WS	TR030_D550	273.12	53.48	58.93		59.47	0.003215	3.25	83.99	26.18	0.58
GR	20	Max WS	TR030_D600	274.75	53.48	58.95		59.49	0.003194	3.25	84.59	26.27	0.58
GR	20	Max WS	TR030_D650	274.97	53.48	58.96		59.50	0.003185	3.25	84.71	26.27	0.58
GR	20	Max WS	TR030_D700	273.75	53.48	58.95		59.48	0.003196	3.24	84.37	26.26	0.58
GR	19	Max WS	TR030_D450	266.32	53.24	58.67		59.18	0.003507	3.18	83.71	28.44	0.59
GR	19	Max WS	TR030_D350	253.72	53.24	58.51		59.03	0.003734	3.20	79.20	27.95	0.61
GR	19	Max WS	TR030_D400	260.17	53.24	58.59		59.11	0.003612	3.19	81.53	28.20	0.60
GR	19	Max WS	TR030_D500	272.26	53.24	58.73		59.25	0.003426	3.18	85.68	28.64	0.59
GR	19	Max WS	TR030_D550	276.22	53.24	58.78		59.29	0.003378	3.18	86.94	28.74	0.58
GR	19	Max WS	TR030_D600	277.97	53.24	58.80		59.32	0.003341	3.17	87.63	28.80	0.58
GR	19	Max WS	TR030_D650	278.21	53.24	58.81		59.32	0.003331	3.17	87.77	28.81	0.58
GR	19	Max WS	TR030_D700	276.89	53.24	58.79		59.31	0.003342	3.17	87.39	28.78	0.58
GR	18	Max WS	TR030_D450	267.56	53.39	58.45		58.93	0.002531	3.06	87.49	25.23	0.52
GR	18	Max WS	TR030_D350	254.71	53.39	58.28		58.76	0.002648	3.06	83.14	24.81	0.53
GR	18	Max WS	TR030_D400	261.22	53.39	58.37		58.85	0.002583	3.06	85.39	25.03	0.53
GR	18	Max WS	TR030_D500	273.63	53.39	58.53		59.00	0.002493	3.06	89.38	25.42	0.52
GR	18	Max WS	TR030_D550	277.67	53.39	58.57		59.05	0.002474	3.07	90.56	25.53	0.52
GR	18	Max WS	TR030_D600	279.47	53.39	58.60		59.08	0.002454	3.06	91.24	25.59	0.52
GR	18	Max WS	TR030_D650	279.69	53.39	58.61		59.08	0.002447	3.06	91.38	25.61	0.52
GR	18	Max WS	TR030_D700	278.34	53.39	58.59		59.07	0.002450	3.06	91.03	25.57	0.52
GR	17	Max WS	TR030_D450	267.72	53.35	58.31		58.92	0.003640	3.46	77.40	23.75	0.61
GR	17	Max WS	TR030_D350	254.79	53.35	58.13		58.75	0.003870	3.48	73.13	23.29	0.63
GR	17	Max WS	TR030_D400	261.30	53.35	58.23		58.84	0.003742	3.47	75.34	23.53	0.62
GR	17	Max WS	TR030_D500	273.82	53.35	58.39		59.00	0.003565	3.46	79.24	23.94	0.61
GR	17	Max WS	TR030_D550	277.88	53.35	58.44		59.05	0.003525	3.46	80.38	24.06	0.60
GR	17	Max WS	TR030_D600	279.68	53.35	58.47		59.07	0.003489	3.45	81.05	24.13	0.60
GR	17	Max WS	TR030_D650	279.91	53.35	58.47		59.08	0.003477	3.45	81.20	24.14	0.60
GR	17	Max WS	TR030_D700	278.51	53.35	58.46		59.06	0.003483	3.44	80.86	24.11	0.60
GR	16	Max WS	TR030_D450	269.26	53.33	58.12		58.73	0.003544	3.45	77.97	23.49	0.61
GR	16	Max WS	TR030_D350	256.13	53.33	57.93		58.55	0.003769	3.49	73.48	22.88	0.62
GR	16	Max WS	TR030_D400	262.70	53.33	58.03		58.64	0.003641	3.46	75.82	23.20	0.61
GR	16	Max WS	TR030_D500	275.48	53.33	58.20		58.81	0.003473	3.45	79.88	23.74	0.60
GR	16	Max WS	TR030_D550	279.60	53.33	58.25		58.86	0.003438	3.45	81.06	23.89	0.60
GR	16	Max WS	TR030_D600	281.45	53.33	58.28		58.88	0.003402	3.44	81.77	23.98	0.60
GR	16	Max WS	TR030_D650	281.67	53.33	58.29		58.89	0.003389	3.44	81.93	24.00	0.59
GR	16	Max WS	TR030_D700	280.25	53.33	58.27		58.87	0.003393	3.43	81.60	23.96	0.59
GR	15	Max WS	TR030_D450	272.37	52.92	57.99		58.53	0.003254	3.27	83.39	26.27	0.59
GR	15	Max WS	TR030_D350	258.96	52.92	57.79		58.34	0.003277	3.30	78.42	24.38	0.59
GR	15	Max WS	TR030_D400	265.66	52.92	57.89		58.44	0.003154	3.28	80.98	24.65	0.58
GR	15	Max WS	TR030_D500	278.71	52.92	58.07		58.61	0.003184	3.26	85.57	26.61	0.58
GR	15	Max WS	TR030_D550	282.89	52.92	58.12		58.66	0.003148	3.25	86.93	26.82	0.58
GR	15	Max WS	TR030_D600	284.79	52.92	58.15		58.69	0.003112	3.25	87.76	26.95	0.57
GR	15	Max WS	TR030_D650	285.00	52.92	58.16		58.69	0.003098	3.24	87.95	26.98	0.57
GR	15	Max WS	TR030_D700	283.57	52.92	58.14		58.68	0.003103	3.24	87.57	26.92	0.57
GR	14	Max WS	TR030_D450	275.23	52.70	57.82		58.24	0.002364	2.88	95.47	29.26	0.51
GR	14	Max WS	TR030_D350	261.51	52.70	57.61		58.04	0.002530	2.92	89.43	28.27	0.52
GR	14	Max WS	TR030_D400	268.32	52.70	57.72		58.14	0.002432	2.90	92.61	28.79	0.52
GR	14	Max WS	TR030_D500	281.72	52.70	57.90		58.32	0.002314	2.88	97.99	29.66	0.51
GR	14	Max WS	TR030_D550	285.89	52.70	57.95		58.37	0.002287	2.87	99.55	29.91	0.50
GR	14	Max WS	TR030_D600	287.89	52.70	57.99		58.40	0.002259	2.86	100.55	30.07	0.50
GR	14	Max WS	TR030_D650	288.11	52.70	58.00		58.41	0.002247	2.86	100.81	30.11	0.50
GR	14	Max WS	TR030_D700	286.58	52.70	57.98		58.40	0.002249	2.86	100.37	30.04	0.50
GR	13	Max WS	TR030_D450	277.01	52.51	57.62		58.21	0.003734	3.39	81.72	26.16	0.61
GR	13	Max WS	TR030_D350	263.08	52.51	57.39		58.01	0.004130	3.47	75.84	25.39	0.64
GR	13	Max WS	TR030_D400	269.93	52.51	57.51		58.11	0.003901	3.42	78.94	25.83	0.62
GR	13	Max WS	TR030_D500	283.61	52.51	57.71		58.29	0.003610	3.37	84.10	26.40	0.60
GR	13	Max WS	TR030_D550	287.77	52.51	57.77		58.34	0.003543	3.36	85.55	26.54	0.60
GR	13	Max WS	TR030_D600	289.88	52.51	57.80		58.37	0.003491	3.35	86.45	26.63	0.59
GR	13	Max WS	TR030_D650	290.14	52.51	57.81		58.38	0.003472	3.35	86.68	26.66	0.59
GR	13	Max WS	TR030_D700	288.58	52.51	57.79		58.36	0.003477	3.34	86.29	26.62	0.59
GR	12	Max WS	TR030_D450	276.50	52.34	57.47		58.11	0.003512	3.53	78.29	21.30	0.59
GR	12	Max WS	TR030_D350	262.76	52.34	57.23		57.88	0.003839	3.59	73.19	20.87	0.61
GR	12	Max WS	TR030_D400	269.47	52.34	57.36		58.00	0.003640	3.55	75.91	21.10	0.60
GR	12	Max WS	TR030_D500	283.02	52.34	57.56		58.20	0.003423	3.52	80.31	21.46	0.58

HEC-RAS River: Greve Reach: GR 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
GR	12	Max WS	TR030_D550	287.17	52.34	57.62		58.25	0.003378	3.52	81.53	21.56	0.58
GR	12	Max WS	TR030_D600	289.34	52.34	57.66		58.29	0.003341	3.52	82.28	21.62	0.58
GR	12	Max WS	TR030_D650	289.57	52.34	57.66		58.29	0.003324	3.51	82.48	21.64	0.57
GR	12	Max WS	TR030_D700	288.03	52.34	57.65		58.28	0.003324	3.51	82.17	21.62	0.57
GR	11	Max WS	TR030_D450	274.65	52.58	57.25		57.84	0.003843	3.40	80.67	27.28	0.63
GR	11	Max WS	TR030_D350	261.38	52.58	57.00		57.63	0.004343	3.54	73.85	25.83	0.67
GR	11	Max WS	TR030_D400	267.87	52.58	57.13		57.74	0.004044	3.46	77.49	26.61	0.65
GR	11	Max WS	TR030_D500	281.00	52.58	57.35		57.93	0.003700	3.37	83.38	27.84	0.62
GR	11	Max WS	TR030_D550	285.04	52.58	57.41		57.98	0.003627	3.35	85.00	28.17	0.62
GR	11	Max WS	TR030_D600	287.11	52.58	57.45		58.01	0.003569	3.34	86.03	28.38	0.61
GR	11	Max WS	TR030_D650	287.25	52.58	57.46		58.02	0.003544	3.33	86.31	28.43	0.61
GR	11	Max WS	TR030_D700	285.75	52.58	57.44		58.01	0.003548	3.33	85.91	28.35	0.61
GR	10	Max WS	TR030_D450	266.62	52.44	57.01		57.27	0.001530	2.28	116.73	36.22	0.41
GR	10	Max WS	TR030_D350	255.13	52.44	56.72		57.01	0.001856	2.40	106.43	35.81	0.44
GR	10	Max WS	TR030_D400	260.71	52.44	56.88		57.15	0.001657	2.33	112.05	36.03	0.42
GR	10	Max WS	TR030_D500	272.23	52.44	57.11		57.37	0.001445	2.26	120.59	36.36	0.40
GR	10	Max WS	TR030_D550	276.25	52.44	57.17		57.43	0.001407	2.25	122.84	36.45	0.39
GR	10	Max WS	TR030_D600	277.87	52.44	57.21		57.47	0.001374	2.24	124.27	36.51	0.39
GR	10	Max WS	TR030_D650	278.34	52.44	57.22		57.48	0.001365	2.23	124.68	36.52	0.39
GR	10	Max WS	TR030_D700	276.65	52.44	57.21		57.46	0.001365	2.23	124.18	36.50	0.39
GR	9	Max WS	TR030_D450	259.60	51.95	57.02		57.10	0.000345	1.27	203.61	50.77	0.20
GR	9	Max WS	TR030_D350	246.67	51.95	56.71		56.80	0.000398	1.31	188.03	50.39	0.22
GR	9	Max WS	TR030_D400	253.13	51.95	56.88		56.97	0.000366	1.29	196.60	50.60	0.21
GR	9	Max WS	TR030_D500	265.52	51.95	57.13		57.21	0.000332	1.27	209.32	50.91	0.20
GR	9	Max WS	TR030_D550	269.58	51.95	57.20		57.28	0.000326	1.27	212.61	50.99	0.20
GR	9	Max WS	TR030_D600	271.57	51.95	57.24		57.32	0.000321	1.26	214.72	51.04	0.20
GR	9	Max WS	TR030_D650	271.76	51.95	57.25		57.33	0.000318	1.26	215.33	51.06	0.20
GR	9	Max WS	TR030_D700	270.22	51.95	57.24		57.32	0.000318	1.26	214.61	51.04	0.20
GR	8	Max WS	TR030_D450	270.39	51.21	57.01		57.11	0.000406	1.40	193.28	46.44	0.22
GR	8	Max WS	TR030_D350	260.21	51.21	56.69		56.80	0.000482	1.46	178.46	46.44	0.24
GR	8	Max WS	TR030_D400	265.47	51.21	56.87		56.97	0.000436	1.42	186.61	46.44	0.23
GR	8	Max WS	TR030_D500	275.79	51.21	57.13		57.23	0.000388	1.39	198.60	46.44	0.21
GR	8	Max WS	TR030_D550	279.31	51.21	57.19		57.29	0.000379	1.38	201.69	46.44	0.21
GR	8	Max WS	TR030_D600	280.72	51.21	57.24		57.33	0.000371	1.38	203.67	46.44	0.21
GR	8	Max WS	TR030_D650	280.97	51.21	57.25		57.34	0.000369	1.38	204.22	46.44	0.21
GR	8	Max WS	TR030_D700	279.73	51.21	57.23		57.33	0.000369	1.37	203.57	46.44	0.21
GR	7	Max WS	TR030_D450	263.02	50.58	56.82		57.11	0.001277	2.36	111.55	25.07	0.36
GR	7	Max WS	TR030_D350	249.09	50.58	56.50		56.80	0.001431	2.41	103.48	25.07	0.38
GR	7	Max WS	TR030_D400	256.06	50.58	56.68		56.97	0.001334	2.37	107.95	25.07	0.37
GR	7	Max WS	TR030_D500	268.62	50.58	56.94		57.22	0.001235	2.35	114.42	25.07	0.35
GR	7	Max WS	TR030_D550	272.18	50.58	57.00		57.29	0.001215	2.34	116.09	25.07	0.35
GR	7	Max WS	TR030_D600	273.84	50.58	57.05		57.33	0.001196	2.34	117.19	25.07	0.35
GR	7	Max WS	TR030_D650	273.90	50.58	57.06		57.34	0.001188	2.33	117.49	25.07	0.34
GR	7	Max WS	TR030_D700	272.57	50.58	57.05		57.32	0.001186	2.33	117.16	25.07	0.34
GR	6	Max WS	TR030_D450	281.25	50.91	56.71		57.03	0.001795	2.49	113.16	33.98	0.43
GR	6	Max WS	TR030_D350	265.62	50.91	56.38		56.72	0.002222	2.61	101.86	33.96	0.48
GR	6	Max WS	TR030_D400	273.61	50.91	56.56		56.89	0.001953	2.53	108.19	33.97	0.45
GR	6	Max WS	TR030_D500	288.58	50.91	56.83		57.14	0.001699	2.46	117.12	33.99	0.42
GR	6	Max WS	TR030_D550	292.85	50.91	56.89		57.20	0.001649	2.45	119.38	33.99	0.42
GR	6	Max WS	TR030_D600	295.36	50.91	56.94		57.24	0.001615	2.44	120.85	33.99	0.41
GR	6	Max WS	TR030_D650	295.61	50.91	56.95		57.25	0.001599	2.44	121.31	33.99	0.41
GR	6	Max WS	TR030_D700	294.00	50.91	56.94		57.24	0.001600	2.43	120.85	33.99	0.41
GR	5	Max WS	TR030_D450	277.96	50.09	56.59		56.94	0.001891	2.61	106.38	29.25	0.44
GR	5	Max WS	TR030_D350	263.12	50.09	56.24		56.62	0.002304	2.73	96.23	29.21	0.48
GR	5	Max WS	TR030_D400	270.68	50.09	56.44		56.80	0.002042	2.65	101.95	29.23	0.45
GR	5	Max WS	TR030_D500	285.12	50.09	56.71		57.05	0.001803	2.60	109.87	29.26	0.43
GR	5	Max WS	TR030_D550	289.20	50.09	56.78		57.12	0.001756	2.59	111.87	29.27	0.42
GR	5	Max WS	TR030_D600	291.60	50.09	56.82		57.16	0.001724	2.58	113.16	29.28	0.42
GR	5	Max WS	TR030_D650	291.85	50.09	56.84		57.17	0.001708	2.57	113.57	29.28	0.42
GR	5	Max WS	TR030_D700	290.26	50.09	56.82		57.16	0.001707	2.56	113.19	29.28	0.42
GR	4.9714*	Max WS	TR030_D450	277.73	50.08	56.58		56.91	0.001702	2.52	110.34	29.94	0.42
GR	4.9714*	Max WS	TR030_D350	262.96	50.08	56.23		56.59	0.002074	2.63	99.83	29.90	0.46
GR	4.9714*	Max WS	TR030_D400	270.49	50.08	56.43		56.76	0.001838	2.56	105.76	29.92	0.43
GR	4.9714*	Max WS	TR030_D500	284.87	50.08	56.70		57.02	0.001624	2.50	113.93	29.95	0.41
GR	4.9714*	Max WS	TR030_D550	288.94	50.08	56.77		57.09	0.001582	2.49	115.99	29.96	0.40
GR	4.9714*	Max WS	TR030_D600	291.34	50.08	56.82		57.13	0.001553	2.48	117.33	29.97	0.40
GR	4.9714*	Max WS	TR030_D650	291.59	50.08	56.83		57.14	0.001539	2.48	117.75	29.97	0.40
GR	4.9714*	Max WS	TR030_D700	290.00	50.08	56.82		57.13	0.001537	2.47	117.36	29.97	0.40
GR	4.9429*	Max WS	TR030_D450	277.56	50.06	56.58		56.88	0.001536	2.43	114.39	30.63	0.40
GR	4.9429*	Max WS	TR030_D350	262.82	50.06	56.23		56.55	0.001869	2.54	103.53	30.59	0.44
GR	4.9429*	Max WS	TR030_D400	270.34	50.06	56.43		56.74	0.001657	2.47	109.67	30.61	0.42
GR	4.9429*	Max WS	TR030_D500	284.69	50.06	56.70		57.00	0.001466	2.41	118.09	30.65	0.39
GR	4.9429*	Max WS	TR030_D550	288.74	50.06	56.77		57.06	0.001429	2.40	120.21	30.66	0.39
GR	4.9429*	Max WS	TR030_D600	291.14	50.06	56.82		57.11	0.001403	2.39	121.58	30.66	0.38
GR	4.9429*	Max WS	TR030_D650	291.41	50.06	56.83		57.12	0.001391	2.39	122.02	30.66	0.38
GR	4.9429*	Max WS	TR030_D700	289.80	50.06	56.82		57.11	0.001389	2.38	121.61	30.66	0.38
GR	4.9143*	Max WS	TR030_D450	277.43	50.05	56.58		56.86	0.001389	2.34	118.54	31.32	0.38
GR	4.9143*	Max WS	TR030_D350	262.76	50.05	56.22		56.53	0.001682	2.45	107.35	31.13	0.42
GR	4.9143*	Max WS	TR030_D400	270.24	50.05	56.42		56.71	0.001498	2.38	113.67	31.30	0.40
GR	4.9143*	Max WS	TR030_D500	284.56	50.05	56.70		56.98	0.001328	2.33	122.33	31.34	0.38
GR	4.9143*	Max WS	TR030_D550	288.59	50.05	56.77		57.04	0.001294	2.32	124.51	31.35	0.37
GR	4.9143*	Max WS	TR030_D600	290.98	50.05	56.81		57.09	0.001271	2.31	125.92	31.35	0.37
GR	4.9143*	Max WS	TR030_D650	291.25	50.05	56.83		57.10	0.001260	2.30	126.37	31.35	0.37
GR	4.9143*	Max WS	TR030_D700	289.64	50.05	56.82		57.08	0.001258	2.30	125.96	31.35	0.37
GR	4.8857*	Max WS	TR030_D450	277.33	50.03	56.58		56.84	0.001260	2.26	122.76	32.01	0.37
GR	4.8857*	Max WS	TR030_D350	262.66	50.03	56.22		56.50	0.001518	2.36	111.27	31.70	0.40
GR	4.8857*	Max WS	TR030_D400	270.14	50.03	56.42		56.69	0.001357	2.29	117.77	31.99	0.38

HEC-RAS River: Greve Reach: GR 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
GR	4.8857*	Max WS	TR030_D500	284.35	50.03	56.70		56.96	0.001204	2.25	126.66	32.03	0.36
GR	4.8857*	Max WS	TR030_D550	288.47	50.03	56.77		57.02	0.001175	2.24	128.89	32.04	0.36
GR	4.8857*	Max WS	TR030_D600	290.86	50.03	56.81		57.07	0.001154	2.23	130.34	32.04	0.35
GR	4.8857*	Max WS	TR030_D650	291.12	50.03	56.83		57.08	0.001144	2.23	130.80	32.04	0.35
GR	4.8857*	Max WS	TR030_D700	289.52	50.03	56.82		57.07	0.001143	2.22	130.38	32.04	0.35
GR	4.8571*	Max WS	TR030_D450	277.26	50.02	56.58		56.82	0.001145	2.18	127.07	32.70	0.35
GR	4.8571*	Max WS	TR030_D350	262.62	50.02	56.22		56.48	0.001374	2.28	115.28	32.31	0.39
GR	4.8571*	Max WS	TR030_D400	270.08	50.02	56.42		56.67	0.001232	2.21	121.94	32.68	0.37
GR	4.8571*	Max WS	TR030_D500	284.27	50.02	56.70		56.94	0.001095	2.17	131.06	32.72	0.35
GR	4.8571*	Max WS	TR030_D550	288.39	50.02	56.77		57.01	0.001069	2.16	133.35	32.73	0.34
GR	4.8571*	Max WS	TR030_D600	290.78	50.02	56.81		57.05	0.001051	2.16	134.83	32.73	0.34
GR	4.8571*	Max WS	TR030_D650	291.04	50.02	56.83		57.06	0.001042	2.15	135.30	32.74	0.34
GR	4.8571*	Max WS	TR030_D700	289.44	50.02	56.82		57.05	0.001040	2.15	134.87	32.73	0.34
GR	4.8286*	Max WS	TR030_D450	277.21	50.00	56.58		56.80	0.001043	2.11	131.45	33.39	0.34
GR	4.8286*	Max WS	TR030_D350	262.59	50.00	56.21		56.46	0.001247	2.20	119.39	32.95	0.37
GR	4.8286*	Max WS	TR030_D400	270.04	50.00	56.42		56.65	0.001121	2.14	126.20	33.33	0.35
GR	4.8286*	Max WS	TR030_D500	284.21	50.00	56.70		56.92	0.000999	2.10	135.54	33.41	0.33
GR	4.8286*	Max WS	TR030_D550	288.33	50.00	56.77		56.99	0.000976	2.09	137.88	33.42	0.33
GR	4.8286*	Max WS	TR030_D600	290.71	50.00	56.81		57.04	0.000959	2.09	139.40	33.43	0.33
GR	4.8286*	Max WS	TR030_D650	290.98	50.00	56.83		57.05	0.000951	2.08	139.88	33.43	0.32
GR	4.8286*	Max WS	TR030_D700	289.38	50.00	56.82		57.04	0.000950	2.08	139.45	33.43	0.32
GR	4.8000*	Max WS	TR030_D450	277.17	49.99	56.58		56.79	0.000953	2.04	135.90	34.08	0.33
GR	4.8000*	Max WS	TR030_D350	262.53	49.99	56.21		56.44	0.001135	2.12	123.56	33.60	0.35
GR	4.8000*	Max WS	TR030_D400	270.01	49.99	56.42		56.64	0.001020	2.07	130.54	33.94	0.34
GR	4.8000*	Max WS	TR030_D500	284.16	49.99	56.70		56.91	0.000913	2.03	140.08	34.10	0.32
GR	4.8000*	Max WS	TR030_D550	288.28	49.99	56.77		56.98	0.000892	2.02	142.47	34.11	0.32
GR	4.8000*	Max WS	TR030_D600	290.66	49.99	56.82		57.02	0.000878	2.02	144.03	34.12	0.31
GR	4.8000*	Max WS	TR030_D650	290.93	49.99	56.83		57.04	0.000870	2.01	144.52	34.12	0.31
GR	4.8000*	Max WS	TR030_D700	289.33	49.99	56.82		57.02	0.000869	2.01	144.08	34.12	0.31
GR	4.7714*	Max WS	TR030_D450	277.12	49.98	56.58		56.78	0.000872	1.97	140.42	34.77	0.31
GR	4.7714*	Max WS	TR030_D350	262.51	49.98	56.21		56.43	0.001035	2.05	127.81	34.25	0.34
GR	4.7714*	Max WS	TR030_D400	269.99	49.98	56.42		56.62	0.000932	2.00	134.94	34.57	0.32
GR	4.7714*	Max WS	TR030_D500	284.12	49.98	56.70		56.90	0.000836	1.96	144.69	34.79	0.31
GR	4.7714*	Max WS	TR030_D550	288.24	49.98	56.77		56.97	0.000818	1.96	147.13	34.80	0.30
GR	4.7714*	Max WS	TR030_D600	290.62	49.98	56.82		57.01	0.000805	1.95	148.72	34.81	0.30
GR	4.7714*	Max WS	TR030_D650	290.89	49.98	56.83		57.03	0.000798	1.95	149.23	34.81	0.30
GR	4.7714*	Max WS	TR030_D700	289.29	49.98	56.82		57.01	0.000796	1.94	148.77	34.81	0.30
GR	4.7429*	Max WS	TR030_D450	277.10	49.96	56.58		56.77	0.000799	1.91	145.00	35.42	0.30
GR	4.7429*	Max WS	TR030_D350	262.50	49.96	56.21		56.41	0.000947	1.99	132.12	34.92	0.33
GR	4.7429*	Max WS	TR030_D400	269.98	49.96	56.42		56.61	0.000853	1.94	139.41	35.21	0.31
GR	4.7429*	Max WS	TR030_D500	284.09	49.96	56.70		56.89	0.000768	1.90	149.35	35.48	0.30
GR	4.7429*	Max WS	TR030_D550	288.21	49.96	56.77		56.96	0.000751	1.90	151.85	35.49	0.29
GR	4.7429*	Max WS	TR030_D600	290.59	49.96	56.82		57.00	0.000739	1.89	153.48	35.50	0.29
GR	4.7429*	Max WS	TR030_D650	290.89	49.96	56.83		57.02	0.000733	1.89	153.99	35.50	0.29
GR	4.7429*	Max WS	TR030_D700	289.29	49.96	56.82		57.00	0.000732	1.88	153.53	35.50	0.29
GR	4.7143*	Max WS	TR030_D450	277.08	49.95	56.58		56.76	0.000734	1.85	149.64	36.06	0.29
GR	4.7143*	Max WS	TR030_D350	262.49	49.95	56.21		56.40	0.000867	1.92	136.52	35.59	0.31
GR	4.7143*	Max WS	TR030_D400	269.97	49.95	56.42		56.60	0.000782	1.88	143.95	35.85	0.30
GR	4.7143*	Max WS	TR030_D500	284.07	49.95	56.70		56.88	0.000706	1.84	154.09	36.17	0.29
GR	4.7143*	Max WS	TR030_D550	288.18	49.95	56.77		56.95	0.000691	1.84	156.64	36.18	0.28
GR	4.7143*	Max WS	TR030_D600	290.57	49.95	56.82		56.99	0.000680	1.84	158.29	36.19	0.28
GR	4.7143*	Max WS	TR030_D650	290.86	49.95	56.83		57.01	0.000675	1.83	158.82	36.19	0.28
GR	4.7143*	Max WS	TR030_D700	289.26	49.95	56.82		56.99	0.000674	1.83	158.35	36.19	0.28
GR	4.6857*	Max WS	TR030_D450	277.07	49.93	56.58		56.75	0.000675	1.80	154.35	36.70	0.28
GR	4.6857*	Max WS	TR030_D350	262.48	49.93	56.22		56.39	0.000796	1.86	140.97	36.26	0.30
GR	4.6857*	Max WS	TR030_D400	269.96	49.93	56.42		56.59	0.000719	1.82	148.55	36.51	0.29
GR	4.6857*	Max WS	TR030_D500	284.05	49.93	56.71		56.87	0.000650	1.79	158.88	36.84	0.27
GR	4.6857*	Max WS	TR030_D550	288.17	49.93	56.78		56.94	0.000637	1.78	161.47	36.87	0.27
GR	4.6857*	Max WS	TR030_D600	290.54	49.93	56.82		56.98	0.000628	1.78	163.16	36.88	0.27
GR	4.6857*	Max WS	TR030_D650	290.85	49.93	56.84		57.00	0.000623	1.78	163.70	36.88	0.27
GR	4.6857*	Max WS	TR030_D700	289.24	49.93	56.82		56.98	0.000621	1.77	163.22	36.88	0.27
GR	4.6571*	Max WS	TR030_D450	277.06	49.92	56.58		56.74	0.000622	1.74	159.12	37.34	0.27
GR	4.6571*	Max WS	TR030_D350	262.48	49.92	56.22		56.38	0.000732	1.80	145.47	36.93	0.29
GR	4.6571*	Max WS	TR030_D400	269.95	49.92	56.43		56.58	0.000662	1.76	153.20	37.17	0.28
GR	4.6571*	Max WS	TR030_D500	284.03	49.92	56.71		56.86	0.000600	1.73	163.73	37.48	0.27
GR	4.6571*	Max WS	TR030_D550	288.15	49.92	56.78		56.93	0.000589	1.73	166.38	37.56	0.26
GR	4.6571*	Max WS	TR030_D600	290.52	49.92	56.82		56.98	0.000580	1.73	168.10	37.57	0.26
GR	4.6571*	Max WS	TR030_D650	290.83	49.92	56.84		56.99	0.000575	1.72	168.65	37.58	0.26
GR	4.6571*	Max WS	TR030_D700	289.22	49.92	56.83		56.98	0.000574	1.72	168.16	37.57	0.26
GR	4.6286*	Max WS	TR030_D450	277.05	49.90	56.59		56.73	0.000575	1.69	163.95	38.00	0.26
GR	4.6286*	Max WS	TR030_D350	262.47	49.90	56.22		56.37	0.000674	1.75	150.06	37.60	0.28
GR	4.6286*	Max WS	TR030_D400	269.95	49.90	56.43		56.58	0.000611	1.71	157.93	37.83	0.27
GR	4.6286*	Max WS	TR030_D500	284.02	49.90	56.71		56.85	0.000555	1.68	168.65	38.13	0.26
GR	4.6286*	Max WS	TR030_D550	288.14	49.90	56.78		56.92	0.000544	1.68	171.34	38.21	0.25
GR	4.6286*	Max WS	TR030_D600	290.50	49.90	56.83		56.97	0.000537	1.68	173.09	38.26	0.25
GR	4.6286*	Max WS	TR030_D650	290.82	49.90	56.84		56.98	0.000533	1.67	173.65	38.27	0.25
GR	4.6286*	Max WS	TR030_D700	289.20	49.90	56.83		56.97	0.000531	1.67	173.14	38.26	0.25
GR	4.6000*	Max WS	TR030_D450	277.05	49.89	56.59		56.72	0.000532	1.64	168.84	38.66	0.25
GR	4.6000*	Max WS	TR030_D350	262.47	49.89	56.22		56.37	0.000622	1.70	154.69	38.28	0.27
GR	4.6000*	Max WS	TR030_D400	269.95	49.89	56.43		56.57	0.000564	1.66	162.71	38.49	0.26
GR	4.6000*	Max WS	TR030_D500	284.00	49.89	56.71		56.85	0.000514	1.64	173.62	38.78	0.25
GR	4.6000*	Max WS	TR030_D550	288.13	49.89	56.78		56.92	0.000504	1.63	176.35	38.86	0.24
GR	4.6000*	Max WS	TR030_D600	290.49	49.89	56.83		56.96	0.000497	1.63	178.14	38.90	0.24
GR	4.6000*	Max WS	TR030_D650	290.81	49.89	56.84		56.98	0.000494	1.63	178.71	38.92	0.24
GR	4.6000*	Max WS	TR030_D700	289.19	49.89	56.83		56.96	0.000492	1.62	178.20	38.90	0.24
GR	4.5714*	Max WS	TR030_D450	277.04	49.88	56.59		56.72	0.000493	1.59	173.78	39.32	0.24
GR	4.5714*	Max WS	TR030_D350	262.42	49.88	56.22		56.36	0.000575	1.65	159.37	38.96	0.26

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HEC-RAS River: Greve Reach: GR 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
GR	4.5714*	Max WS	TR030_D400	269.94	49.88	56.43		56.56	0.000523	1.61	167.55	39.16	0.25
GR	4.5714*	Max WS	TR030_D500	283.99	49.88	56.71		56.84	0.000476	1.59	178.64	39.44	0.24
GR	4.5714*	Max WS	TR030_D550	288.12	49.88	56.78		56.91	0.000468	1.59	181.43	39.51	0.24
GR	4.5714*	Max WS	TR030_D600	290.47	49.88	56.83		56.96	0.000462	1.59	183.24	39.55	0.24
GR	4.5714*	Max WS	TR030_D650	290.80	49.88	56.84		56.97	0.000458	1.58	183.82	39.57	0.23
GR	4.5714*	Max WS	TR030_D700	289.18	49.88	56.83		56.96	0.000457	1.58	183.30	39.56	0.23
GR	4.5429*	Max WS	TR030_D450	277.04	49.86	56.59		56.71	0.000458	1.55	178.78	39.98	0.23
GR	4.5429*	Max WS	TR030_D350	262.42	49.86	56.22		56.35	0.000532	1.60	164.12	39.63	0.25
GR	4.5429*	Max WS	TR030_D400	269.93	49.86	56.43		56.56	0.000485	1.57	172.43	39.83	0.24
GR	4.5429*	Max WS	TR030_D500	283.99	49.86	56.71		56.84	0.000443	1.55	183.72	40.10	0.23
GR	4.5429*	Max WS	TR030_D550	288.16	49.86	56.78		56.91	0.000435	1.54	186.56	40.17	0.23
GR	4.5429*	Max WS	TR030_D600	290.53	49.86	56.83		56.95	0.000429	1.54	188.40	40.21	0.23
GR	4.5429*	Max WS	TR030_D650	290.84	49.86	56.84		56.97	0.000426	1.54	188.99	40.22	0.23
GR	4.5429*	Max WS	TR030_D700	289.23	49.86	56.83		56.95	0.000425	1.53	188.46	40.21	0.23
GR	4.5143*	Max WS	TR030_D450	277.22	49.85	56.59		56.71	0.000426	1.51	183.84	40.65	0.23
GR	4.5143*	Max WS	TR030_D350	262.52	49.85	56.22		56.35	0.000494	1.55	168.91	40.31	0.24
GR	4.5143*	Max WS	TR030_D400	270.06	49.85	56.43		56.55	0.000451	1.52	177.38	40.50	0.23
GR	4.5143*	Max WS	TR030_D500	284.11	49.85	56.72		56.83	0.000412	1.50	188.86	40.76	0.22
GR	4.5143*	Max WS	TR030_D550	288.31	49.85	56.79		56.90	0.000406	1.50	191.73	40.83	0.22
GR	4.5143*	Max WS	TR030_D600	290.72	49.85	56.83		56.95	0.000400	1.50	193.60	40.87	0.22
GR	4.5143*	Max WS	TR030_D650	291.03	49.85	56.85		56.96	0.000398	1.50	194.20	40.88	0.22
GR	4.5143*	Max WS	TR030_D700	289.42	49.85	56.83		56.95	0.000396	1.49	193.66	40.87	0.22
GR	4.4857*	Max WS	TR030_D450	277.47	49.83	56.59		56.70	0.000397	1.47	188.94	41.32	0.22
GR	4.4857*	Max WS	TR030_D350	262.79	49.83	56.22		56.34	0.000460	1.51	173.76	40.99	0.23
GR	4.4857*	Max WS	TR030_D400	270.32	49.83	56.43		56.55	0.000420	1.48	182.36	41.18	0.22
GR	4.4857*	Max WS	TR030_D500	284.30	49.83	56.72		56.83	0.000385	1.47	194.05	41.43	0.22
GR	4.4857*	Max WS	TR030_D550	288.48	49.83	56.79		56.90	0.000378	1.46	196.98	41.49	0.21
GR	4.4857*	Max WS	TR030_D600	291.02	49.83	56.83		56.94	0.000374	1.46	198.86	41.53	0.21
GR	4.4857*	Max WS	TR030_D650	291.31	49.83	56.85		56.96	0.000372	1.46	199.47	41.54	0.21
GR	4.4857*	Max WS	TR030_D700	289.73	49.83	56.83		56.94	0.000371	1.46	198.93	41.53	0.21
GR	4.4571*	Max WS	TR030_D450	277.48	49.82	56.59		56.70	0.000370	1.43	194.10	41.99	0.21
GR	4.4571*	Max WS	TR030_D350	262.84	49.82	56.23		56.34	0.000428	1.47	178.67	41.67	0.23
GR	4.4571*	Max WS	TR030_D400	270.36	49.82	56.43		56.54	0.000391	1.44	187.43	41.85	0.22
GR	4.4571*	Max WS	TR030_D500	284.25	49.82	56.72		56.82	0.000359	1.43	199.30	42.10	0.21
GR	4.4571*	Max WS	TR030_D550	288.46	49.82	56.79		56.89	0.000353	1.43	202.27	42.16	0.21
GR	4.4571*	Max WS	TR030_D600	291.12	49.82	56.83		56.94	0.000350	1.43	204.20	42.20	0.21
GR	4.4571*	Max WS	TR030_D650	291.38	49.82	56.85		56.95	0.000347	1.42	204.81	42.21	0.21
GR	4.4571*	Max WS	TR030_D700	289.80	49.82	56.84		56.94	0.000346	1.42	204.26	42.20	0.21
GR	4.4286*	Max WS	TR030_D450	277.13	49.80	56.60		56.69	0.000345	1.39	199.33	42.66	0.21
GR	4.4286*	Max WS	TR030_D350	262.63	49.80	56.23		56.33	0.000398	1.43	183.64	42.35	0.22
GR	4.4286*	Max WS	TR030_D400	270.08	49.80	56.44		56.54	0.000364	1.40	192.54	42.53	0.21
GR	4.4286*	Max WS	TR030_D500	283.73	49.80	56.72		56.82	0.000334	1.39	204.63	42.77	0.20
GR	4.4286*	Max WS	TR030_D550	287.98	49.80	56.79		56.89	0.000329	1.39	207.65	42.83	0.20
GR	4.4286*	Max WS	TR030_D600	290.77	49.80	56.84		56.93	0.000326	1.39	209.58	42.86	0.20
GR	4.4286*	Max WS	TR030_D650	291.12	49.80	56.85		56.95	0.000324	1.38	210.21	42.88	0.20
GR	4.4286*	Max WS	TR030_D700	289.57	49.80	56.84		56.93	0.000323	1.38	209.64	42.87	0.20
GR	4.4000*	Max WS	TR030_D450	276.72	49.79	56.60		56.69	0.000321	1.35	204.63	43.33	0.20
GR	4.4000*	Max WS	TR030_D350	262.43	49.79	56.23		56.33	0.000370	1.39	188.69	43.03	0.21
GR	4.4000*	Max WS	TR030_D400	269.82	49.79	56.44		56.53	0.000339	1.36	197.73	43.20	0.20
GR	4.4000*	Max WS	TR030_D500	283.21	49.79	56.72		56.81	0.000311	1.35	210.02	43.44	0.20
GR	4.4000*	Max WS	TR030_D550	287.15	49.79	56.79		56.88	0.000306	1.35	213.08	43.50	0.19
GR	4.4000*	Max WS	TR030_D600	290.33	49.79	56.84		56.93	0.000304	1.35	215.04	43.53	0.19
GR	4.4000*	Max WS	TR030_D650	290.71	49.79	56.85		56.94	0.000302	1.35	215.68	43.55	0.19
GR	4.4000*	Max WS	TR030_D700	289.15	49.79	56.84		56.93	0.000301	1.34	215.11	43.54	0.19
GR	4.3714*	Max WS	TR030_D450	276.71	49.78	56.60		56.69	0.000301	1.32	209.95	44.01	0.19
GR	4.3714*	Max WS	TR030_D350	262.38	49.78	56.23		56.32	0.000346	1.35	193.76	43.71	0.21
GR	4.3714*	Max WS	TR030_D400	269.82	49.78	56.44		56.53	0.000317	1.33	202.95	43.88	0.20
GR	4.3714*	Max WS	TR030_D500	283.19	49.78	56.72		56.81	0.000291	1.31	215.43	44.11	0.19
GR	4.3714*	Max WS	TR030_D550	287.41	49.78	56.79		56.88	0.000287	1.32	218.54	44.17	0.19
GR	4.3714*	Max WS	TR030_D600	290.29	49.78	56.84		56.93	0.000285	1.32	220.53	44.20	0.19
GR	4.3714*	Max WS	TR030_D650	290.68	49.78	56.85		56.94	0.000283	1.31	221.19	44.22	0.19
GR	4.3714*	Max WS	TR030_D700	289.10	49.78	56.84		56.93	0.000282	1.31	220.60	44.21	0.19
GR	4.3429*	Max WS	TR030_D450	276.71	49.76	56.60		56.68	0.000282	1.29	215.34	44.68	0.19
GR	4.3429*	Max WS	TR030_D350	262.38	49.76	56.23		56.32	0.000323	1.32	198.89	44.38	0.20
GR	4.3429*	Max WS	TR030_D400	269.79	49.76	56.44		56.53	0.000297	1.30	208.22	44.55	0.19
GR	4.3429*	Max WS	TR030_D500	283.19	49.76	56.72		56.81	0.000273	1.28	220.90	44.78	0.18
GR	4.3429*	Max WS	TR030_D550	287.44	49.76	56.79		56.88	0.000270	1.28	224.06	44.84	0.18
GR	4.3429*	Max WS	TR030_D600	290.29	49.76	56.84		56.92	0.000267	1.28	226.08	44.88	0.18
GR	4.3429*	Max WS	TR030_D650	290.67	49.76	56.85		56.94	0.000266	1.28	226.75	44.89	0.18
GR	4.3429*	Max WS	TR030_D700	289.10	49.76	56.84		56.92	0.000265	1.28	226.15	44.88	0.18
GR	4.3143*	Max WS	TR030_D450	276.68	49.75	56.60		56.68	0.000264	1.25	220.78	45.36	0.18
GR	4.3143*	Max WS	TR030_D350	262.38	49.75	56.23		56.32	0.000302	1.29	204.08	45.06	0.19
GR	4.3143*	Max WS	TR030_D400	269.81	49.75	56.44		56.52	0.000278	1.26	213.55	45.23	0.19
GR	4.3143*	Max WS	TR030_D500	283.18	49.75	56.73		56.81	0.000256	1.25	226.43	45.46	0.18
GR	4.3143*	Max WS	TR030_D550	287.43	49.75	56.80		56.88	0.000253	1.25	229.63	45.51	0.18
GR	4.3143*	Max WS	TR030_D600	290.28	49.75	56.84		56.92	0.000251	1.25	231.69	45.55	0.18
GR	4.3143*	Max WS	TR030_D650	290.66	49.75	56.86		56.94	0.000250	1.25	232.35	45.56	0.18
GR	4.3143*	Max WS	TR030_D700	289.05	49.75	56.84		56.92	0.000249	1.25	231.76	45.55	0.18
GR	4.2857*	Max WS	TR030_D450	276.68	49.73	56.60		56.68	0.000248	1.22	226.26	46.03	0.18
GR	4.2857*	Max WS	TR030_D350	262.37	49.73	56.23		56.31	0.000283	1.25	209.32	45.74	0.19
GR	4.2857*	Max WS	TR030_D400	269.81	49.73	56.44		56.52	0.000261	1.23	218.93	45.91	0.18
GR	4.2857*	Max WS	TR030_D500	283.17	49.73	56.73		56.80	0.000241	1.22	231.99	46.13	0.17
GR	4.2857*	Max WS	TR030_D550	287.43	49.73	56.80		56.87	0.000238	1.22	235.25	46.19	0.17
GR	4.2857*	Max WS	TR030_D600	290.27	49.73	56.84		56.92	0.000236	1.22	237.34	46.22	0.17
GR	4.2857*	Max WS	TR030_D650	290.66	49.73	56.86		56.93	0.000235	1.22	238.02	46.23	0.17
GR	4.2857*	Max WS	TR030_D700	289.05	49.73	56.84		56.92	0.000234	1.22	237.41	46.22	0.17
GR	4.2571*	Max WS	TR030_D450	276.67	49.72	56.60		56.68	0.000233	1.19	231.82	46.71	0.17

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HEC-RAS River: Greve Reach: GR 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
GR	4.2571*	Max WS	TR030_D350	262.39	49.72	56.23		56.31	0.000266	1.22	214.62	46.42	0.18
GR	4.2571*	Max WS	TR030_D400	269.80	49.72	56.44		56.52	0.000245	1.20	224.38	46.58	0.17
GR	4.2571*	Max WS	TR030_D500	283.16	49.72	56.73		56.80	0.000227	1.19	237.63	46.81	0.17
GR	4.2571*	Max WS	TR030_D550	287.42	49.72	56.80		56.87	0.000224	1.19	240.93	46.86	0.17
GR	4.2571*	Max WS	TR030_D600	290.26	49.72	56.84		56.92	0.000222	1.19	243.06	46.90	0.17
GR	4.2571*	Max WS	TR030_D650	290.65	49.72	56.86		56.93	0.000221	1.19	243.75	46.91	0.17
GR	4.2571*	Max WS	TR030_D700	289.03	49.72	56.84		56.92	0.000220	1.19	243.13	46.90	0.17
GR	4.2286*	Max WS	TR030_D450	276.65	49.70	56.60		56.67	0.000220	1.17	237.42	47.39	0.17
GR	4.2286*	Max WS	TR030_D350	262.35	49.70	56.23		56.31	0.000250	1.19	219.96	47.10	0.18
GR	4.2286*	Max WS	TR030_D400	269.79	49.70	56.44		56.51	0.000231	1.17	229.87	47.26	0.17
GR	4.2286*	Max WS	TR030_D500	283.14	49.70	56.73		56.80	0.000213	1.16	243.32	47.48	0.16
GR	4.2286*	Max WS	TR030_D550	287.40	49.70	56.80		56.87	0.000211	1.17	246.68	47.54	0.16
GR	4.2286*	Max WS	TR030_D600	290.23	49.70	56.84		56.91	0.000209	1.17	248.82	47.57	0.16
GR	4.2286*	Max WS	TR030_D650	290.62	49.70	56.86		56.93	0.000208	1.16	249.52	47.58	0.16
GR	4.2286*	Max WS	TR030_D700	289.01	49.70	56.85		56.91	0.000207	1.16	248.89	47.57	0.16
GR	4.2	Max WS	TR030_D450	276.63	49.69	56.61		56.67	0.000207	1.14	243.08	48.06	0.16
GR	4.2	Max WS	TR030_D350	262.39	49.69	56.24		56.31	0.000235	1.16	225.38	47.78	0.17
GR	4.2	Max WS	TR030_D400	269.77	49.69	56.45		56.51	0.000217	1.15	235.41	47.94	0.17
GR	4.2	Max WS	TR030_D500	283.11	49.69	56.73		56.80	0.000201	1.14	249.06	48.16	0.16
GR	4.2	Max WS	TR030_D550	287.02	49.69	56.80		56.87	0.000198	1.14	252.45	48.21	0.16
GR	4.2	Max WS	TR030_D600	290.16	49.69	56.85		56.91	0.000197	1.14	254.64	48.25	0.16
GR	4.2	Max WS	TR030_D650	290.54	49.69	56.86		56.93	0.000196	1.14	255.35	48.26	0.16
GR	4.2	Max WS	TR030_D700	288.93	49.69	56.85		56.91	0.000196	1.13	254.72	48.25	0.16
GR	4	Max WS	TR030_D450	463.16	49.69	56.33	53.50	56.57	0.000801	2.16	214.34	47.85	0.32
GR	4	Max WS	TR030_D350	425.82	49.69	55.98	53.35	56.21	0.000857	2.15	198.44	47.58	0.33
GR	4	Max WS	TR030_D400	446.71	49.69	56.18	53.44	56.42	0.000824	2.15	207.44	47.73	0.32
GR	4	Max WS	TR030_D500	476.14	49.69	56.45	53.55	56.69	0.000784	2.17	219.78	47.95	0.31
GR	4	Max WS	TR030_D550	484.22	49.69	56.52	53.59	56.76	0.000777	2.17	222.84	48.00	0.31
GR	4	Max WS	TR030_D600	489.40	49.69	56.56	53.61	56.81	0.000773	2.18	224.83	48.03	0.31
GR	4	Max WS	TR030_D650	491.03	49.69	56.58	53.61	56.82	0.000772	2.18	225.45	48.04	0.31
GR	4	Max WS	TR030_D700	489.42	49.69	56.56	53.61	56.81	0.000773	2.18	224.84	48.03	0.31
GR	3			Bridge									
GR	2	Max WS	TR030_D450	463.16	49.85	56.06		56.31	0.000898	2.24	207.12	47.49	0.33
GR	2	Max WS	TR030_D350	425.82	49.85	55.79		56.03	0.000910	2.18	195.01	47.14	0.33
GR	2	Max WS	TR030_D400	446.71	49.85	55.94		56.19	0.000903	2.21	201.83	47.34	0.33
GR	2	Max WS	TR030_D500	476.14	49.85	56.15		56.41	0.000894	2.25	211.23	47.61	0.33
GR	2	Max WS	TR030_D550	484.22	49.85	56.20		56.46	0.000896	2.27	213.48	47.67	0.33
GR	2	Max WS	TR030_D600	489.40	49.85	56.23		56.50	0.000897	2.28	214.92	47.72	0.33
GR	2	Max WS	TR030_D650	491.03	49.85	56.24		56.51	0.000897	2.28	215.38	47.73	0.33
GR	2	Max WS	TR030_D700	489.42	49.85	56.23		56.50	0.000897	2.28	214.94	47.72	0.33
GR	1.9			Lat Struct									
GR	1.85			Lat Struct									
GR	1.8	Max WS	TR030_D450	463.14	49.85	56.07		56.29	0.000776	2.10	220.71	47.51	0.31
GR	1.8	Max WS	TR030_D350	425.81	49.85	55.80		56.01	0.000786	2.05	207.96	47.16	0.31
GR	1.8	Max WS	TR030_D400	446.70	49.85	55.95		56.17	0.000780	2.08	215.13	47.35	0.31
GR	1.8	Max WS	TR030_D500	476.12	49.85	56.16		56.39	0.000773	2.12	225.03	47.62	0.31
GR	1.8	Max WS	TR030_D550	484.19	49.85	56.21		56.44	0.000775	2.13	227.40	47.69	0.31
GR	1.8	Max WS	TR030_D600	489.37	49.85	56.24		56.48	0.000776	2.14	228.93	47.73	0.31
GR	1.8	Max WS	TR030_D650	491.00	49.85	56.25		56.49	0.000776	2.14	229.41	47.74	0.31
GR	1.8	Max WS	TR030_D700	489.40	49.85	56.24		56.48	0.000776	2.14	228.94	47.73	0.31
GR	1.7704*	Max WS	TR030_D450	463.32	49.82	56.06		56.29	0.000799	2.13	217.71	46.67	0.31
GR	1.7704*	Max WS	TR030_D350	425.99	49.82	55.79		56.01	0.000811	2.08	205.15	46.65	0.32
GR	1.7704*	Max WS	TR030_D400	446.88	49.82	55.94		56.17	0.000804	2.11	212.23	46.66	0.32
GR	1.7704*	Max WS	TR030_D500	476.29	49.82	56.15		56.39	0.000795	2.15	221.95	46.68	0.31
GR	1.7704*	Max WS	TR030_D550	484.37	49.82	56.20		56.44	0.000796	2.16	224.27	46.69	0.31
GR	1.7704*	Max WS	TR030_D600	489.55	49.82	56.23		56.47	0.000797	2.17	225.75	46.69	0.31
GR	1.7704*	Max WS	TR030_D650	491.19	49.82	56.24		56.48	0.000797	2.17	226.22	46.69	0.32
GR	1.7704*	Max WS	TR030_D700	489.60	49.82	56.23		56.47	0.000797	2.17	225.76	46.69	0.31
GR	1.7407*	Max WS	TR030_D450	463.17	49.79	56.05		56.29	0.000824	2.16	214.82	46.25	0.32
GR	1.7407*	Max WS	TR030_D350	425.90	49.79	55.78		56.01	0.000837	2.10	202.38	46.23	0.32
GR	1.7407*	Max WS	TR030_D400	446.75	49.79	55.94		56.17	0.000829	2.13	209.39	46.24	0.32
GR	1.7407*	Max WS	TR030_D500	476.12	49.79	56.14		56.38	0.000820	2.17	219.02	46.26	0.32
GR	1.7407*	Max WS	TR030_D550	484.19	49.79	56.19		56.44	0.000821	2.19	221.32	46.26	0.32
GR	1.7407*	Max WS	TR030_D600	489.36	49.79	56.22		56.47	0.000822	2.20	222.79	46.26	0.32
GR	1.7407*	Max WS	TR030_D650	491.01	49.79	56.23		56.48	0.000822	2.20	223.25	46.27	0.32
GR	1.7407*	Max WS	TR030_D700	489.41	49.79	56.23		56.47	0.000822	2.20	222.80	46.26	0.32
GR	1.7111*	Max WS	TR030_D450	463.24	49.76	56.04		56.29	0.000857	2.20	210.62	44.44	0.32
GR	1.7111*	Max WS	TR030_D350	425.96	49.76	55.77		56.01	0.000867	2.14	198.70	44.44	0.32
GR	1.7111*	Max WS	TR030_D400	446.82	49.76	55.92		56.17	0.000861	2.17	205.43	44.44	0.32
GR	1.7111*	Max WS	TR030_D500	476.18	49.76	56.13		56.38	0.000854	2.22	214.66	44.44	0.32
GR	1.7111*	Max WS	TR030_D550	484.25	49.76	56.18		56.44	0.000856	2.23	216.85	44.44	0.32
GR	1.7111*	Max WS	TR030_D600	489.43	49.76	56.21		56.47	0.000857	2.24	218.26	44.44	0.32
GR	1.7111*	Max WS	TR030_D650	491.07	49.76	56.22		56.48	0.000858	2.25	218.71	44.44	0.32
GR	1.7111*	Max WS	TR030_D700	489.47	49.76	56.21		56.47	0.000857	2.24	218.27	44.44	0.32
GR	1.6815*	Max WS	TR030_D450	463.61	49.73	56.03		56.28	0.000889	2.24	207.28	44.90	0.33
GR	1.6815*	Max WS	TR030_D350	426.21	49.73	55.76		56.00	0.000900	2.18	195.27	44.58	0.33
GR	1.6815*	Max WS	TR030_D400	447.13	49.73	55.91		56.16	0.000893	2.21	202.03	44.76	0.33
GR	1.6815*	Max WS	TR030_D500	476.59	49.73	56.12		56.38	0.000886	2.25	211.35	45.01	0.33
GR	1.6815*	Max WS	TR030_D550	484.69	49.73	56.17		56.43	0.000888	2.27	213.59	45.07	0.33
GR	1.6815*	Max WS	TR030_D600	489.88	49.73	56.20		56.47	0.000889	2.28	215.02	45.09	0.33
GR	1.6815*	Max WS	TR030_D650	491.52	49.73	56.21		56.48	0.000889	2.28	215.46	45.09	0.33
GR	1.6815*	Max WS	TR030_D700	489.93	49.73	56.20		56.47	0.000889	2.28	215.03	45.09	0.33
GR	1.6519*	Max WS	TR030_D450	463.72	49.69	56.02		56.28	0.000913	2.25	205.88	44.68	0.34
GR	1.6519*	Max WS	TR030_D350	426.24	49.69	55.75		56.00	0.000929	2.20	193.90	44.68	0.34
GR	1.6519*	Max WS	TR030_D400	447.20	49.69	55.91		56.16	0.000920	2.23	200.65	44.68	0.34

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

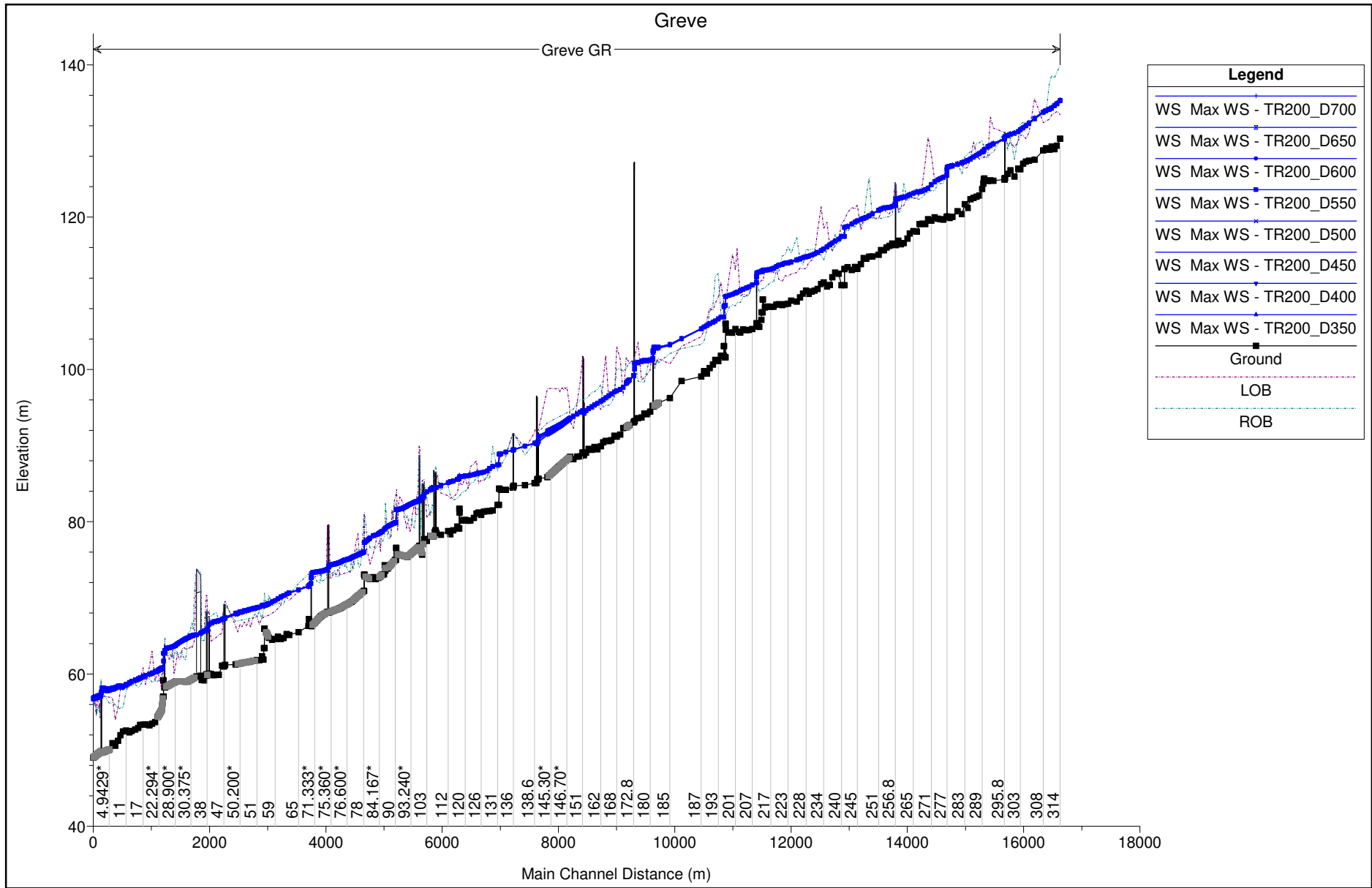
Reach	River Sta	Profile	Plan	Q Total (m ³ /s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m ²)	Top Width (m)	Froude # Chl
GR	1.6519*	Max WS	TR030_D500	476.75	49.69	56.11		56.38	0.000909	2.27	209.93	44.68	0.33
GR	1.6519*	Max WS	TR030_D550	484.87	49.69	56.16		56.43	0.000911	2.29	212.13	44.68	0.33
GR	1.6519*	Max WS	TR030_D600	490.07	49.69	56.19		56.46	0.000912	2.29	213.55	44.68	0.34
GR	1.6519*	Max WS	TR030_D650	491.71	49.69	56.20		56.47	0.000912	2.30	214.00	44.68	0.34
GR	1.6519*	Max WS	TR030_D700	490.11	49.69	56.19		56.46	0.000912	2.29	213.56	44.68	0.34
GR	1.6222*	Max WS	TR030_D450	463.66	49.66	56.01		56.28	0.000944	2.28	203.00	44.26	0.34
GR	1.6222*	Max WS	TR030_D350	426.21	49.66	55.74		56.00	0.000961	2.23	191.13	44.26	0.34
GR	1.6222*	Max WS	TR030_D400	447.15	49.66	55.90		56.16	0.000951	2.26	197.84	44.26	0.34
GR	1.6222*	Max WS	TR030_D500	476.68	49.66	56.10		56.37	0.000940	2.30	207.01	44.26	0.34
GR	1.6222*	Max WS	TR030_D550	484.79	49.66	56.15		56.43	0.000941	2.32	209.20	44.26	0.34
GR	1.6222*	Max WS	TR030_D600	489.99	49.66	56.18		56.46	0.000942	2.33	210.60	44.26	0.34
GR	1.6222*	Max WS	TR030_D650	491.63	49.66	56.19		56.47	0.000942	2.33	211.03	44.26	0.34
GR	1.6222*	Max WS	TR030_D700	490.03	49.66	56.18		56.46	0.000942	2.33	210.60	44.26	0.34
GR	1.5926*	Max WS	TR030_D450	463.61	49.63	56.00		56.27	0.000976	2.32	200.23	44.06	0.35
GR	1.5926*	Max WS	TR030_D350	426.18	49.63	55.73		55.99	0.000995	2.26	188.42	43.99	0.35
GR	1.5926*	Max WS	TR030_D400	447.12	49.63	55.88		56.15	0.000984	2.29	195.08	44.04	0.35
GR	1.5926*	Max WS	TR030_D500	476.63	49.63	56.09		56.37	0.000971	2.33	204.22	44.06	0.35
GR	1.5926*	Max WS	TR030_D550	484.73	49.63	56.14		56.42	0.000972	2.35	206.38	44.06	0.35
GR	1.5926*	Max WS	TR030_D600	489.93	49.63	56.17		56.46	0.000973	2.36	207.78	44.06	0.35
GR	1.5926*	Max WS	TR030_D650	491.57	49.63	56.18		56.47	0.000973	2.36	208.21	44.06	0.35
GR	1.5926*	Max WS	TR030_D700	489.98	49.63	56.17		56.46	0.000973	2.36	207.79	44.06	0.35
GR	1.5630*	Max WS	TR030_D450	463.59	49.60	55.99		56.27	0.001009	2.35	197.49	43.82	0.35
GR	1.5630*	Max WS	TR030_D350	426.17	49.60	55.72		55.99	0.001030	2.29	185.74	43.76	0.36
GR	1.5630*	Max WS	TR030_D400	447.09	49.60	55.87		56.15	0.001018	2.32	192.36	43.79	0.35
GR	1.5630*	Max WS	TR030_D500	476.59	49.60	56.08		56.37	0.001003	2.37	201.46	43.83	0.35
GR	1.5630*	Max WS	TR030_D550	484.69	49.60	56.13		56.42	0.001004	2.38	203.61	43.84	0.35
GR	1.5630*	Max WS	TR030_D600	489.89	49.60	56.16		56.45	0.001005	2.39	205.00	43.85	0.35
GR	1.5630*	Max WS	TR030_D650	491.53	49.60	56.17		56.46	0.001005	2.39	205.43	43.85	0.35
GR	1.5630*	Max WS	TR030_D700	489.93	49.60	56.16		56.45	0.001005	2.39	205.01	43.85	0.35
GR	1.5333*	Max WS	TR030_D450	463.56	49.57	55.98		56.27	0.001045	2.38	194.63	43.40	0.36
GR	1.5333*	Max WS	TR030_D350	426.15	49.57	55.71		55.99	0.001068	2.33	183.01	43.33	0.36
GR	1.5333*	Max WS	TR030_D400	447.07	49.57	55.86		56.15	0.001055	2.36	189.56	43.37	0.36
GR	1.5333*	Max WS	TR030_D500	476.56	49.57	56.07		56.36	0.001039	2.40	198.56	43.42	0.36
GR	1.5333*	Max WS	TR030_D550	484.66	49.57	56.12		56.42	0.001040	2.42	200.69	43.43	0.36
GR	1.5333*	Max WS	TR030_D600	489.85	49.57	56.15		56.45	0.001041	2.42	202.05	43.43	0.36
GR	1.5333*	Max WS	TR030_D650	491.49	49.57	56.16		56.46	0.001041	2.43	202.49	43.43	0.36
GR	1.5333*	Max WS	TR030_D700	489.90	49.57	56.15		56.45	0.001041	2.42	202.06	43.43	0.36
GR	1.5037*	Max WS	TR030_D450	463.54	49.54	55.97		56.27	0.001084	2.42	191.76	42.98	0.37
GR	1.5037*	Max WS	TR030_D350	426.14	49.54	55.70		55.99	0.001108	2.36	180.26	42.90	0.37
GR	1.5037*	Max WS	TR030_D400	447.06	49.54	55.85		56.14	0.001094	2.39	186.75	42.95	0.37
GR	1.5037*	Max WS	TR030_D500	476.54	49.54	56.06		56.36	0.001077	2.44	195.65	42.99	0.36
GR	1.5037*	Max WS	TR030_D550	484.64	49.54	56.11		56.41	0.001078	2.45	197.76	43.00	0.36
GR	1.5037*	Max WS	TR030_D600	489.83	49.54	56.14		56.45	0.001078	2.46	199.11	43.01	0.37
GR	1.5037*	Max WS	TR030_D650	491.47	49.54	56.15		56.46	0.001078	2.46	199.53	43.01	0.37
GR	1.5037*	Max WS	TR030_D700	489.88	49.54	56.14		56.45	0.001078	2.46	199.13	43.01	0.37
GR	1.4741*	Max WS	TR030_D450	463.53	49.51	55.96		56.26	0.001124	2.45	188.91	42.53	0.37
GR	1.4741*	Max WS	TR030_D350	426.13	49.51	55.69		55.98	0.001150	2.40	177.54	42.46	0.37
GR	1.4741*	Max WS	TR030_D400	447.05	49.51	55.84		56.14	0.001135	2.43	183.95	42.51	0.37
GR	1.4741*	Max WS	TR030_D500	476.52	49.51	56.05		56.36	0.001117	2.47	192.75	42.54	0.37
GR	1.4741*	Max WS	TR030_D550	484.61	49.51	56.10		56.41	0.001117	2.49	194.84	42.55	0.37
GR	1.4741*	Max WS	TR030_D600	489.81	49.51	56.13		56.44	0.001118	2.50	196.17	42.55	0.37
GR	1.4741*	Max WS	TR030_D650	491.45	49.51	56.14		56.46	0.001118	2.50	196.60	42.56	0.37
GR	1.4741*	Max WS	TR030_D700	489.86	49.51	56.13		56.44	0.001118	2.50	196.18	42.55	0.37
GR	1.4444*	Max WS	TR030_D450	463.52	49.48	55.94		56.26	0.001167	2.49	185.95	41.88	0.38
GR	1.4444*	Max WS	TR030_D350	426.13	49.48	55.68		55.98	0.001194	2.44	174.75	41.83	0.38
GR	1.4444*	Max WS	TR030_D400	447.04	49.48	55.83		56.14	0.001178	2.47	181.06	41.86	0.38
GR	1.4444*	Max WS	TR030_D500	476.51	49.48	56.03		56.36	0.001160	2.51	189.73	41.89	0.38
GR	1.4444*	Max WS	TR030_D550	484.61	49.48	56.08		56.41	0.001160	2.53	191.79	41.90	0.38
GR	1.4444*	Max WS	TR030_D600	489.80	49.48	56.11		56.44	0.001161	2.54	193.09	41.91	0.38
GR	1.4444*	Max WS	TR030_D650	491.44	49.48	56.12		56.45	0.001161	2.54	193.51	41.91	0.38
GR	1.4444*	Max WS	TR030_D700	489.85	49.48	56.11		56.44	0.001161	2.54	193.10	41.91	0.38
GR	1.4148*	Max WS	TR030_D450	463.51	49.45	55.93		56.26	0.001211	2.53	183.13	41.46	0.38
GR	1.4148*	Max WS	TR030_D350	426.13	49.45	55.66		55.98	0.001241	2.48	172.04	41.42	0.39
GR	1.4148*	Max WS	TR030_D400	447.04	49.45	55.81		56.13	0.001224	2.51	178.29	41.44	0.39
GR	1.4148*	Max WS	TR030_D500	476.50	49.45	56.02		56.35	0.001203	2.55	186.87	41.48	0.38
GR	1.4148*	Max WS	TR030_D550	484.59	49.45	56.07		56.41	0.001204	2.57	188.90	41.49	0.38
GR	1.4148*	Max WS	TR030_D600	489.79	49.45	56.10		56.44	0.001204	2.58	190.20	41.49	0.38
GR	1.4148*	Max WS	TR030_D650	491.43	49.45	56.11		56.45	0.001205	2.58	190.60	41.50	0.38
GR	1.4148*	Max WS	TR030_D700	489.84	49.45	56.10		56.44	0.001204	2.58	190.21	41.49	0.38
GR	1.3852*	Max WS	TR030_D450	463.51	49.41	55.92		56.25	0.001259	2.57	180.31	41.05	0.39
GR	1.3852*	Max WS	TR030_D350	426.12	49.41	55.65		55.97	0.001290	2.52	169.35	41.00	0.40
GR	1.3852*	Max WS	TR030_D400	447.03	49.41	55.80		56.13	0.001271	2.55	175.53	41.03	0.39
GR	1.3852*	Max WS	TR030_D500	476.50	49.41	56.01		56.35	0.001250	2.59	184.02	41.06	0.39
GR	1.3852*	Max WS	TR030_D550	484.58	49.41	56.06		56.40	0.001250	2.61	186.02	41.07	0.39
GR	1.3852*	Max WS	TR030_D600	489.78	49.41	56.09		56.44	0.001251	2.61	187.31	41.08	0.39
GR	1.3852*	Max WS	TR030_D650	491.42	49.41	56.10		56.45	0.001251	2.62	187.71	41.08	0.39
GR	1.3852*	Max WS	TR030_D700	489.83	49.41	56.09		56.44	0.001251	2.61	187.32	41.08	0.39
GR	1.3556*	Max WS	TR030_D450	463.50	49.38	55.90		56.26	0.001289	2.66	174.02	36.90	0.39
GR	1.3556*	Max WS	TR030_D350	426.12	49.38	55.63		55.97	0.001298	2.59	164.27	36.90	0.39
GR	1.3556*	Max WS	TR030_D400	447.03	49.38	55.78		56.13	0.001292	2.63	169.77	36.90	0.39
GR	1.3556*	Max WS	TR030_D500	476.49	49.38	55.98		56.35	0.001287	2.69	177.31	36.90	0.39
GR	1.3556*	Max WS	TR030_D550	484.58	49.38	56.03		56.41	0.001291	2.71	179.10	36.90	0.39
GR	1.3556*	Max WS	TR030_D600	489.77	49.38	56.06		56.44	0.001294	2.72	180.23	36.90	0.39
GR	1.3556*	Max WS	TR030_D650	491.41	49.38	56.07		56.45	0.001295	2.72	180.58	36.90	0.39
GR	1.3556*	Max WS	TR030_D700	489.83	49.38	56.06		56.44	0.001294	2.72	180.24	36.90	0.39
GR	1.3259*	Max WS	TR030_D450	463.50	49.35	55.88		56.25	0.001361	2.69	172.41	38.02	0.40
GR	1.3259*	Max WS	TR030_D350	426.12	49.35	55.62		55.97	0.001382	2.62	162.33	38.02	0.41

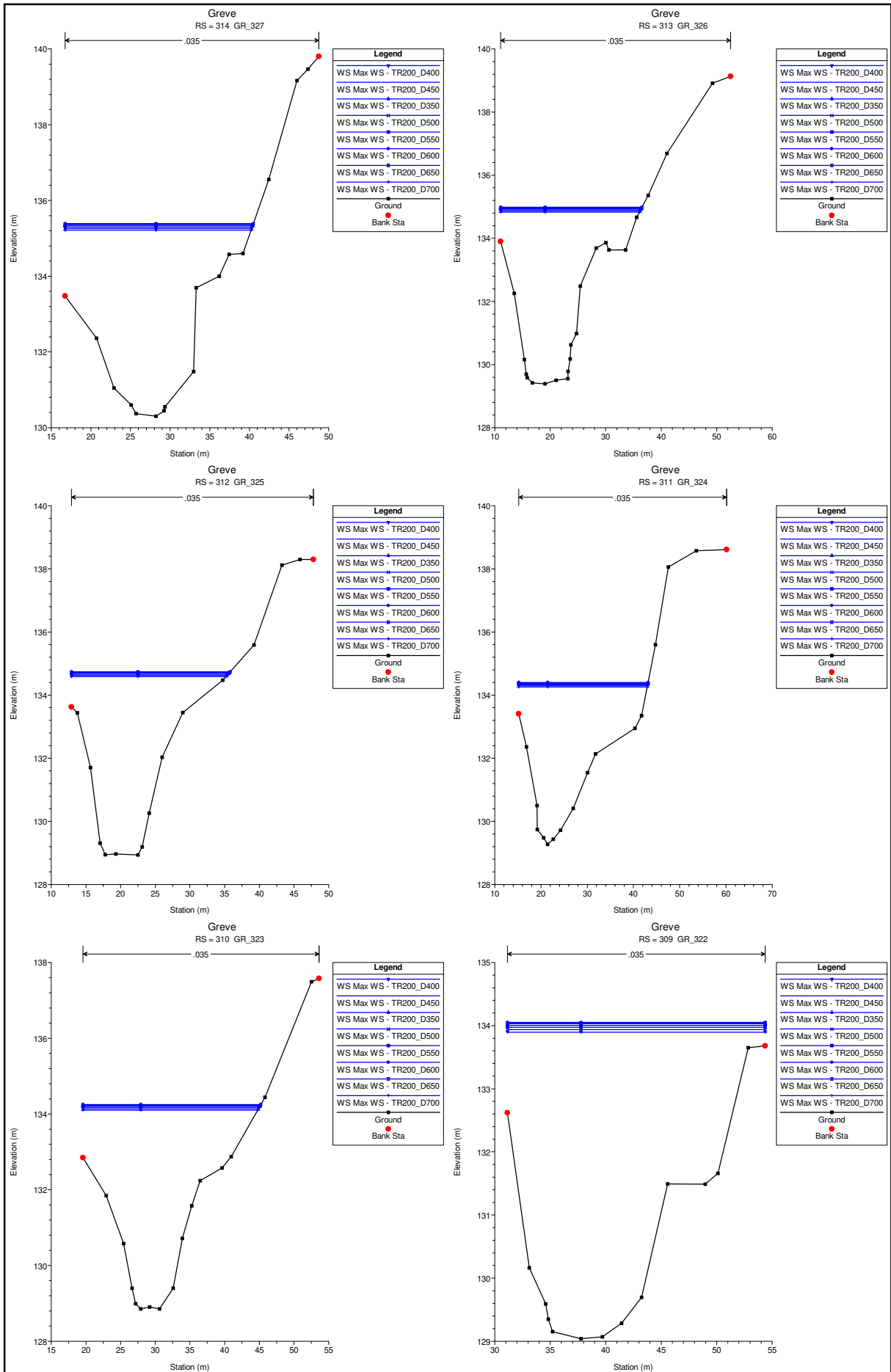
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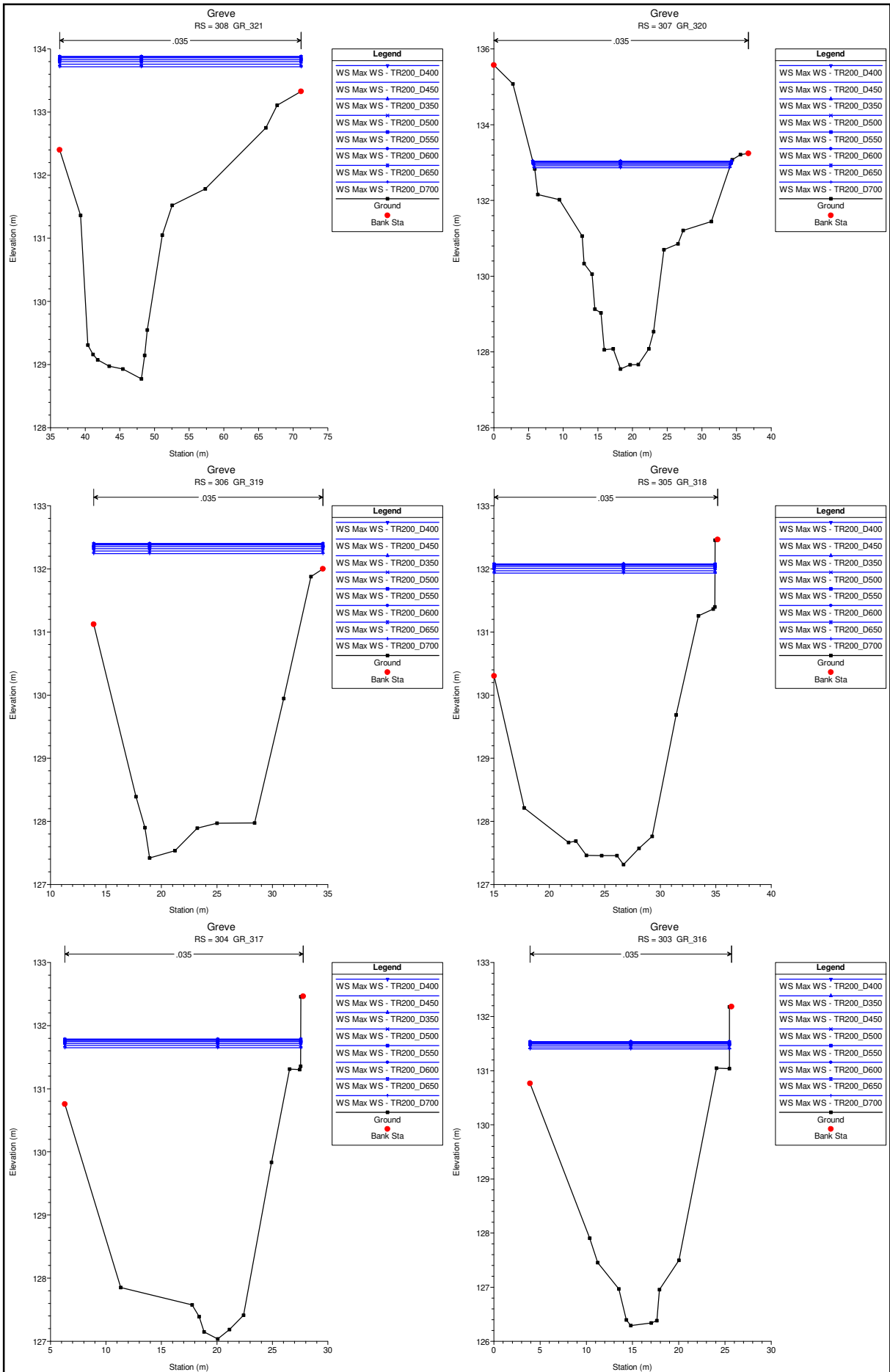
HEC-RAS River: Greve Reach: GR Profile: Max WS (Continued)

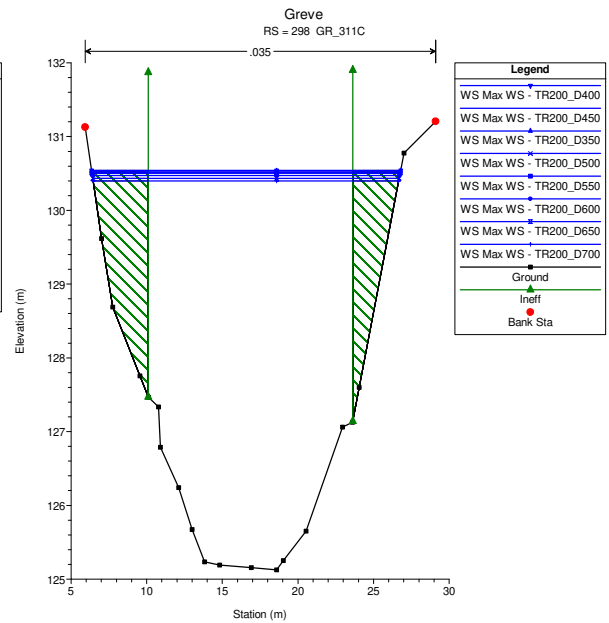
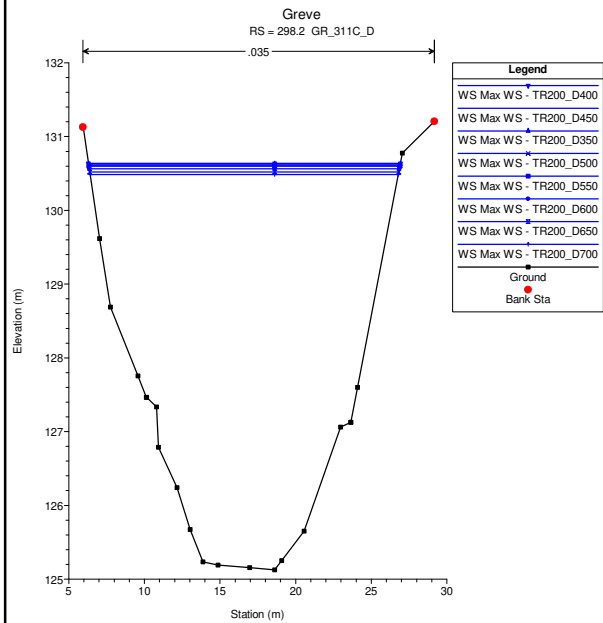
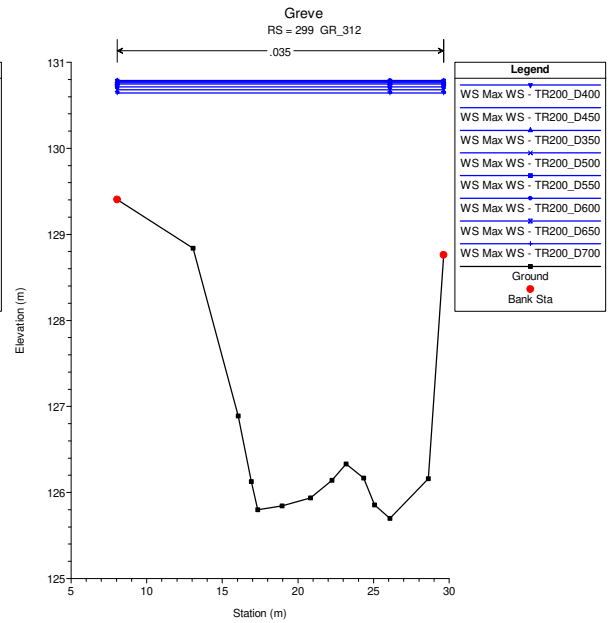
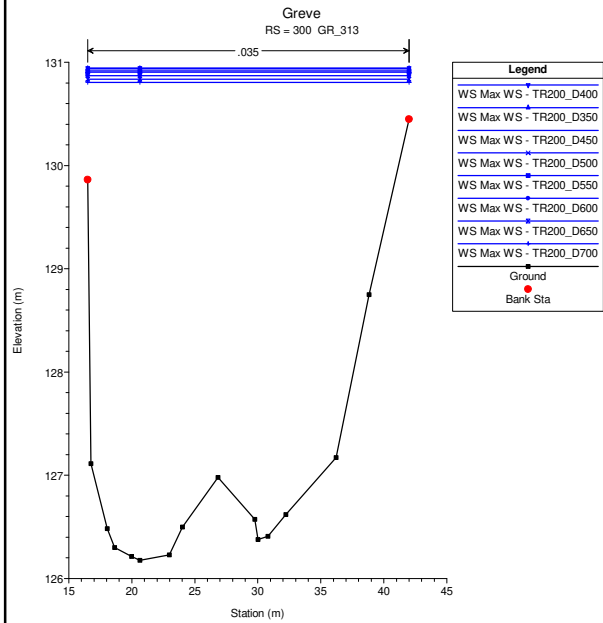
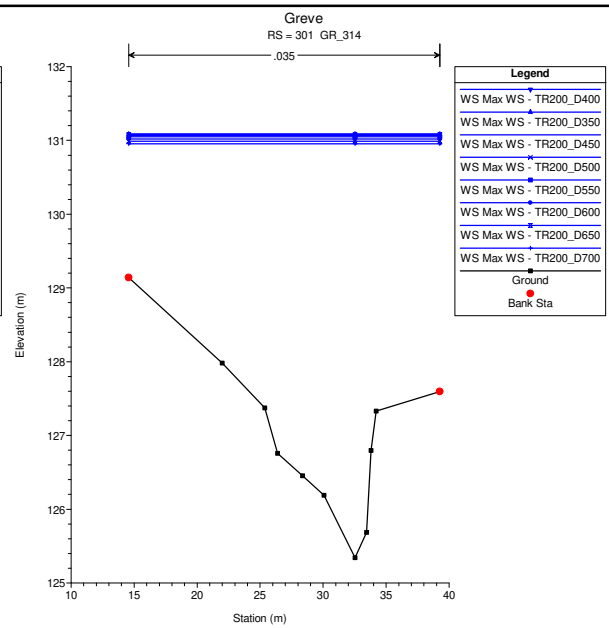
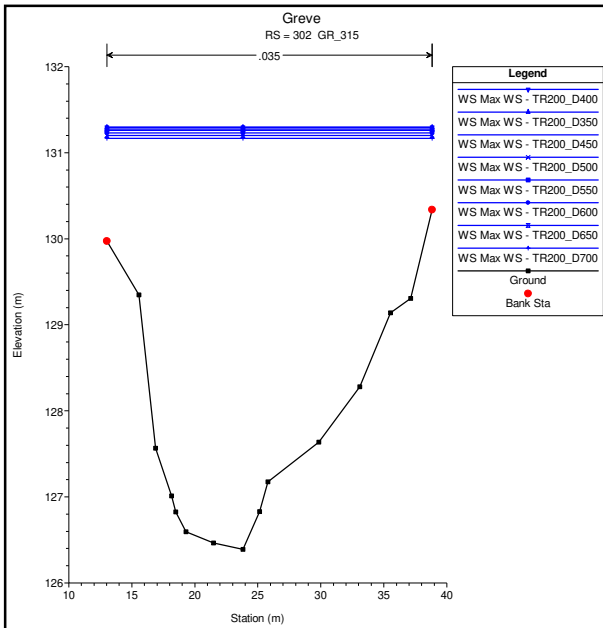
Reach	River Sta	Profile	Plan	Q Total (m ³ /s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m ²)	Top Width (m)	Froude # Chl
GR	1.3259*	Max WS	TR030_D400	447.03	49.35	55.77		56.13	0.001369	2.66	168.02	38.02	0.40
GR	1.3259*	Max WS	TR030_D500	476.48	49.35	55.97		56.35	0.001355	2.71	175.82	38.02	0.40
GR	1.3259*	Max WS	TR030_D550	484.58	49.35	56.02		56.40	0.001358	2.73	177.65	38.02	0.40
GR	1.3259*	Max WS	TR030_D600	489.77	49.35	56.05		56.44	0.001359	2.74	178.83	38.02	0.40
GR	1.3259*	Max WS	TR030_D650	491.41	49.35	56.06		56.45	0.001360	2.74	179.20	38.02	0.40
GR	1.3259*	Max WS	TR030_D700	489.82	49.35	56.05		56.44	0.001359	2.74	178.84	38.02	0.40
GR	1.2963*	Max WS	TR030_D450	463.50	49.32	55.87		56.25	0.001394	2.73	170.06	37.52	0.41
GR	1.2963*	Max WS	TR030_D350	426.12	49.32	55.61		55.97	0.001416	2.66	160.12	37.52	0.41
GR	1.2963*	Max WS	TR030_D400	447.03	49.32	55.76		56.13	0.001403	2.70	165.73	37.52	0.41
GR	1.2963*	Max WS	TR030_D500	476.48	49.32	55.96		56.35	0.001388	2.75	173.41	37.52	0.41
GR	1.2963*	Max WS	TR030_D550	484.57	49.32	56.01		56.40	0.001391	2.77	175.22	37.52	0.41
GR	1.2963*	Max WS	TR030_D600	489.77	49.32	56.04		56.43	0.001393	2.78	176.39	37.52	0.41
GR	1.2963*	Max WS	TR030_D650	491.39	49.32	56.05		56.44	0.001394	2.78	176.74	37.52	0.41
GR	1.2963*	Max WS	TR030_D700	489.81	49.32	56.04		56.43	0.001393	2.78	176.40	37.52	0.41
GR	1.2667*	Max WS	TR030_D450	463.50	49.29	55.86		56.25	0.001449	2.77	167.48	37.36	0.42
GR	1.2667*	Max WS	TR030_D350	426.12	49.29	55.59		55.96	0.001473	2.70	157.60	37.24	0.42
GR	1.2667*	Max WS	TR030_D400	447.02	49.29	55.74		56.12	0.001459	2.74	163.18	37.35	0.42
GR	1.2667*	Max WS	TR030_D500	476.48	49.29	55.95		56.34	0.001442	2.79	170.83	37.36	0.42
GR	1.2667*	Max WS	TR030_D550	484.57	49.29	55.99		56.40	0.001445	2.81	172.63	37.36	0.42
GR	1.2667*	Max WS	TR030_D600	489.77	49.29	56.03		56.43	0.001447	2.82	173.78	37.36	0.42
GR	1.2667*	Max WS	TR030_D650	491.39	49.29	56.04		56.44	0.001447	2.82	174.14	37.36	0.42
GR	1.2667*	Max WS	TR030_D700	489.81	49.29	56.03		56.43	0.001447	2.82	173.79	37.36	0.42
GR	1.2370*	Max WS	TR030_D450	463.50	49.26	55.85		56.24	0.001541	2.79	166.35	39.19	0.43
GR	1.2370*	Max WS	TR030_D350	426.12	49.26	55.58		55.96	0.001586	2.73	155.93	38.97	0.44
GR	1.2370*	Max WS	TR030_D400	447.02	49.26	55.73		56.12	0.001560	2.76	161.80	39.13	0.43
GR	1.2370*	Max WS	TR030_D500	476.48	49.26	55.94		56.34	0.001527	2.80	169.87	39.21	0.43
GR	1.2370*	Max WS	TR030_D550	484.57	49.26	55.98		56.39	0.001527	2.82	171.77	39.23	0.43
GR	1.2370*	Max WS	TR030_D600	489.76	49.26	56.02		56.42	0.001526	2.83	172.99	39.24	0.43
GR	1.2370*	Max WS	TR030_D650	491.39	49.26	56.03		56.44	0.001526	2.83	173.38	39.24	0.43
GR	1.2370*	Max WS	TR030_D700	489.81	49.26	56.02		56.42	0.001526	2.83	173.01	39.24	0.43
GR	1.2074*	Max WS	TR030_D450	463.50	49.23	55.83		56.24	0.001618	2.83	163.58	39.03	0.44
GR	1.2074*	Max WS	TR030_D350	426.12	49.23	55.56		55.96	0.001656	2.78	153.27	38.52	0.45
GR	1.2074*	Max WS	TR030_D400	447.02	49.23	55.72		56.12	0.001628	2.81	159.07	38.70	0.44
GR	1.2074*	Max WS	TR030_D500	476.48	49.23	55.92		56.34	0.001614	2.85	167.12	39.38	0.44
GR	1.2074*	Max WS	TR030_D550	484.57	49.23	55.97		56.39	0.001618	2.87	169.03	39.57	0.44
GR	1.2074*	Max WS	TR030_D600	489.76	49.23	56.00		56.42	0.001621	2.88	170.26	39.69	0.44
GR	1.2074*	Max WS	TR030_D650	491.39	49.23	56.01		56.43	0.001622	2.88	170.65	39.72	0.44
GR	1.2074*	Max WS	TR030_D700	489.81	49.23	56.00		56.42	0.001621	2.88	170.28	39.69	0.44
GR	1.1778*	Max WS	TR030_D450	463.49	49.20	55.82		56.24	0.001688	2.88	160.81	38.55	0.45
GR	1.1778*	Max WS	TR030_D350	426.12	49.20	55.55		55.96	0.001726	2.83	150.63	37.99	0.45
GR	1.1778*	Max WS	TR030_D400	447.02	49.20	55.70		56.12	0.001700	2.86	156.36	38.23	0.45
GR	1.1778*	Max WS	TR030_D500	476.48	49.20	55.91		56.33	0.001686	2.90	164.30	38.93	0.45
GR	1.1778*	Max WS	TR030_D550	484.57	49.20	55.95		56.39	0.001691	2.92	166.19	39.13	0.45
GR	1.1778*	Max WS	TR030_D600	489.76	49.20	55.99		56.42	0.001695	2.93	167.41	39.26	0.45
GR	1.1778*	Max WS	TR030_D650	491.39	49.20	55.99		56.43	0.001696	2.93	167.79	39.30	0.45
GR	1.1778*	Max WS	TR030_D700	489.81	49.20	55.99		56.42	0.001695	2.93	167.42	39.26	0.45
GR	1.1481*	Max WS	TR030_D450	463.49	49.17	55.80		56.24	0.001764	2.93	158.05	38.12	0.46
GR	1.1481*	Max WS	TR030_D350	426.11	49.17	55.53		55.96	0.001791	2.88	148.00	37.25	0.46
GR	1.1481*	Max WS	TR030_D400	447.02	49.17	55.68		56.11	0.001777	2.91	153.65	37.79	0.46
GR	1.1481*	Max WS	TR030_D500	476.47	49.17	55.89		56.33	0.001763	2.95	161.51	38.57	0.46
GR	1.1481*	Max WS	TR030_D550	484.56	49.17	55.94		56.39	0.001770	2.97	163.39	38.81	0.46
GR	1.1481*	Max WS	TR030_D600	489.76	49.17	55.97		56.42	0.001775	2.98	164.58	38.96	0.46
GR	1.1481*	Max WS	TR030_D650	491.39	49.17	55.98		56.43	0.001776	2.98	164.96	39.01	0.46
GR	1.1481*	Max WS	TR030_D700	489.81	49.17	55.97		56.42	0.001775	2.98	164.60	38.96	0.46
GR	1.1185*	Max WS	TR030_D450	463.49	49.13	55.78		56.24	0.001842	2.98	155.30	37.60	0.47
GR	1.1185*	Max WS	TR030_D350	426.11	49.13	55.52		55.95	0.001857	2.93	145.41	36.50	0.47
GR	1.1185*	Max WS	TR030_D400	447.02	49.13	55.67		56.11	0.001858	2.96	150.95	37.31	0.47
GR	1.1185*	Max WS	TR030_D500	476.47	49.13	55.87		56.33	0.001845	3.00	158.71	38.11	0.47
GR	1.1185*	Max WS	TR030_D550	484.56	49.13	55.92		56.39	0.001854	3.02	160.55	38.38	0.47
GR	1.1185*	Max WS	TR030_D600	489.76	49.13	55.95		56.42	0.001860	3.03	161.75	38.56	0.47
GR	1.1185*	Max WS	TR030_D650	491.39	49.13	55.96		56.43	0.001862	3.03	162.13	38.61	0.47
GR	1.1185*	Max WS	TR030_D700	489.81	49.13	55.95		56.42	0.001860	3.03	161.76	38.56	0.47
GR	1.0889*	Max WS	TR030_D450	463.49	49.10	55.77		56.24	0.001924	3.04	152.57	37.13	0.48
GR	1.0889*	Max WS	TR030_D350	426.11	49.10	55.50		55.95	0.001923	2.98	142.84	35.72	0.48
GR	1.0889*	Max WS	TR030_D400	447.02	49.10	55.65		56.11	0.001942	3.01	148.28	36.81	0.48
GR	1.0889*	Max WS	TR030_D500	476.47	49.10	55.86		56.33	0.001934	3.06	155.95	37.77	0.48
GR	1.0889*	Max WS	TR030_D550	484.56	49.10	55.90		56.39	0.001947	3.07	157.78	38.11	0.48
GR	1.0889*	Max WS	TR030_D600	489.76	49.10	55.94		56.42	0.001955	3.08	158.97	38.31	0.48
GR	1.0889*	Max WS	TR030_D650	491.38	49.10	55.95		56.43	0.001957	3.08	159.34	38.38	0.48
GR	1.0889*	Max WS	TR030_D700	489.81	49.10	55.94		56.42	0.001955	3.08	158.98	38.32	0.48
GR	1.0593*	Max WS	TR030_D450	463.49	49.07	55.75		56.24	0.002013	3.09	149.85	36.64	0.49
GR	1.0593*	Max WS	TR030_D350	426.11	49.07	55.48		55.95	0.001990	3.04	140.31	34.90	0.48
GR	1.0593*	Max WS	TR030_D400	447.02	49.07	55.63		56.11	0.002015	3.07	145.63	36.04	0.49
GR	1.0593*	Max WS	TR030_D500	476.47	49.07	55.84		56.33	0.002030	3.11	153.19	37.39	0.49
GR	1.0593*	Max WS	TR030_D550	484.56	49.07	55.89		56.39	0.002048	3.13	155.00	37.80	0.49
GR	1.0593*	Max WS	TR030_D600	489.76	49.07	55.92		56.42	0.002059	3.14	156.18	38.06	0.49
GR	1.0593*	Max WS	TR030_D650	491.38	49.07	55.93		56.43	0.002063	3.14	156.55	38.14	0.49
GR	1.0593*	Max WS	TR030_D700	489.80	49.07	55.92		56.42	0.002060	3.14	156.19	38.06	0.49
GR	1	Max WS	TR030_D450	463.49	49.01	55.71	53.74	56.24	0.002190	3.21	144.50	35.38	0.51
GR	1	Max WS	TR030_D350	426.11	49.01	55.45	53.54	55.95	0.002117	3.15	135.39	33.12	0.50
GR	1	Max WS	TR030_D400	447.02	49.01	55.60	53.85	56.11	0.002162	3.18	140.44	34.39	0.50
GR	1	Max WS	TR030_D500	476.46	49.01	55.80	53.81	56.33	0.002251	3.23	147.73	36.69	0.51
GR	1	Max WS	TR030_D550	484.54	49.01	55.85	53.85	56.39	0.002307	3.24	149.53	37.58	0.52
GR	1	Max WS	TR030_D600	489.72	49.01	55.88	53.87	56.42	0.002335	3.25	150.71	38.08	0.52
GR	1	Max WS	TR030_D650	491.34	49.01	55.89	53.87	56.43	0.002333	3.25	151.08	38.08	0.52
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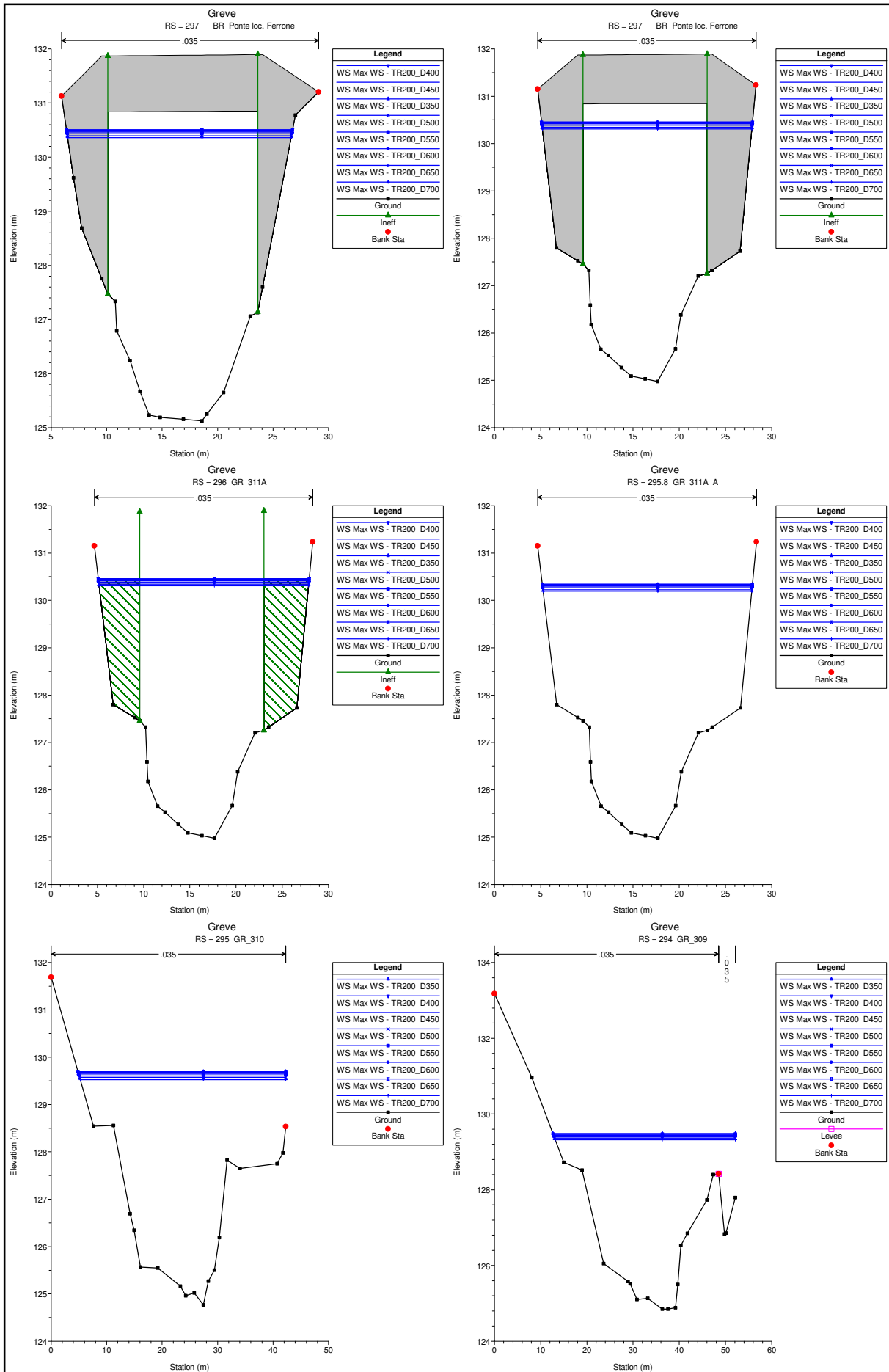
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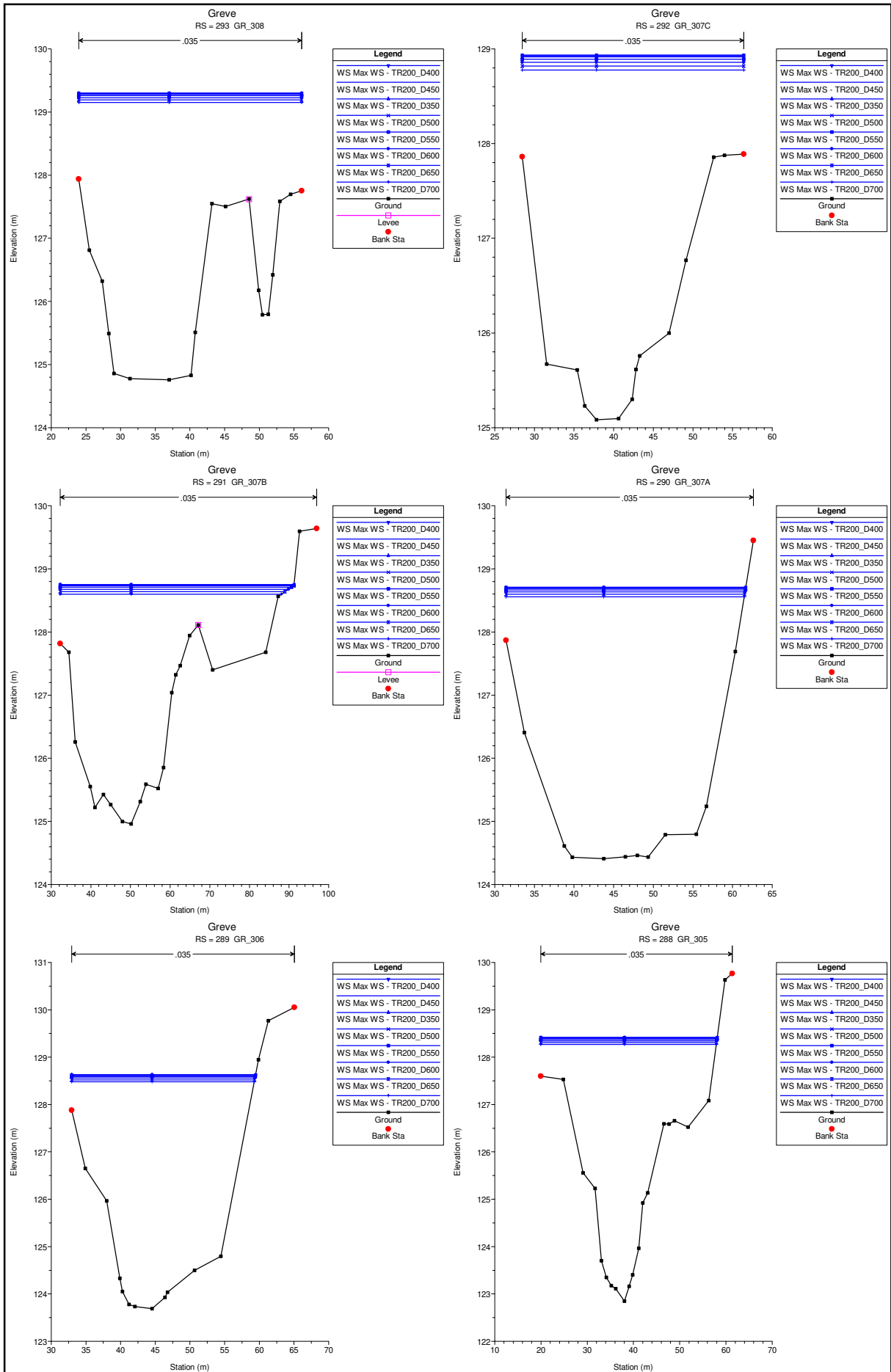


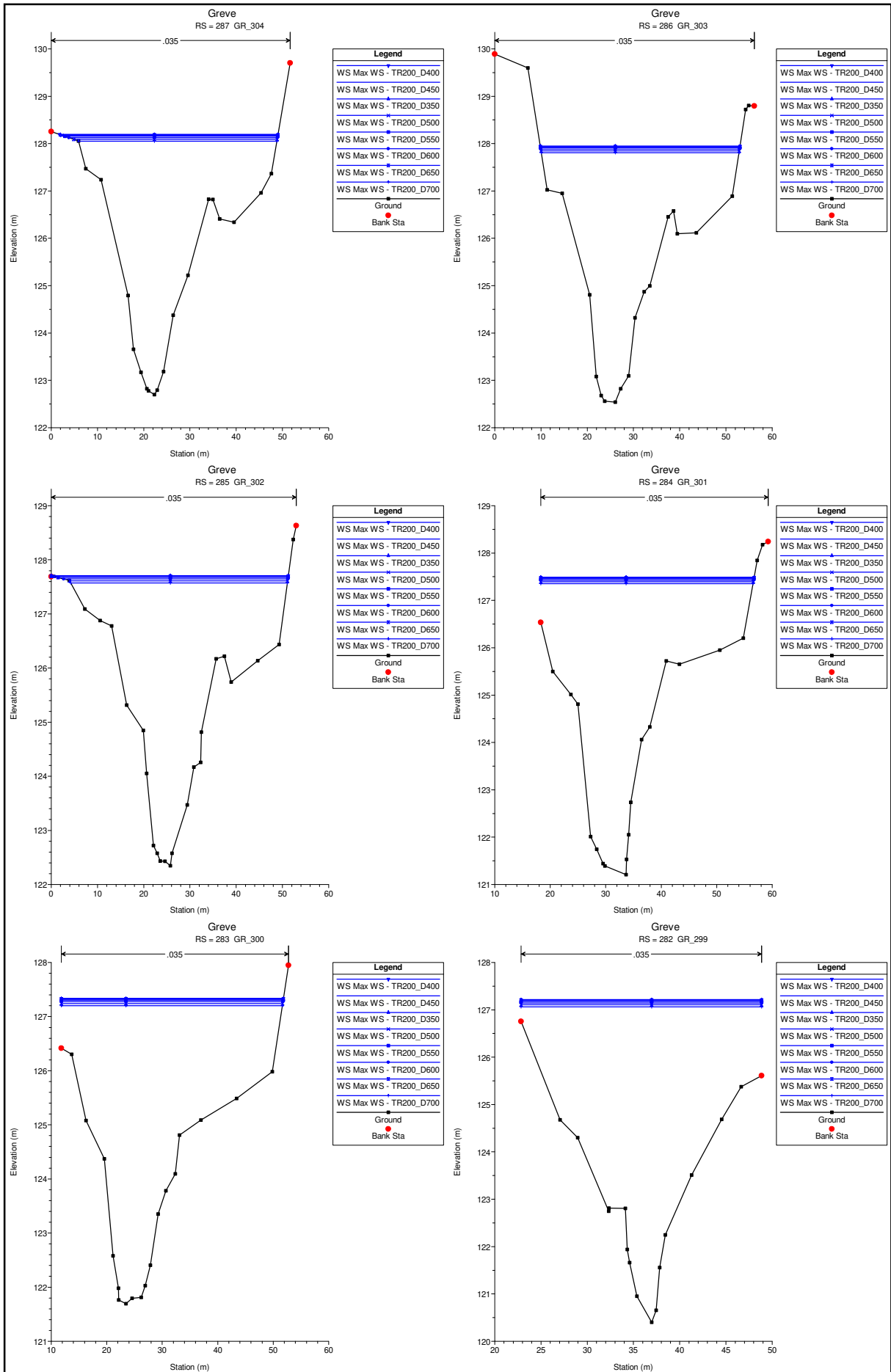


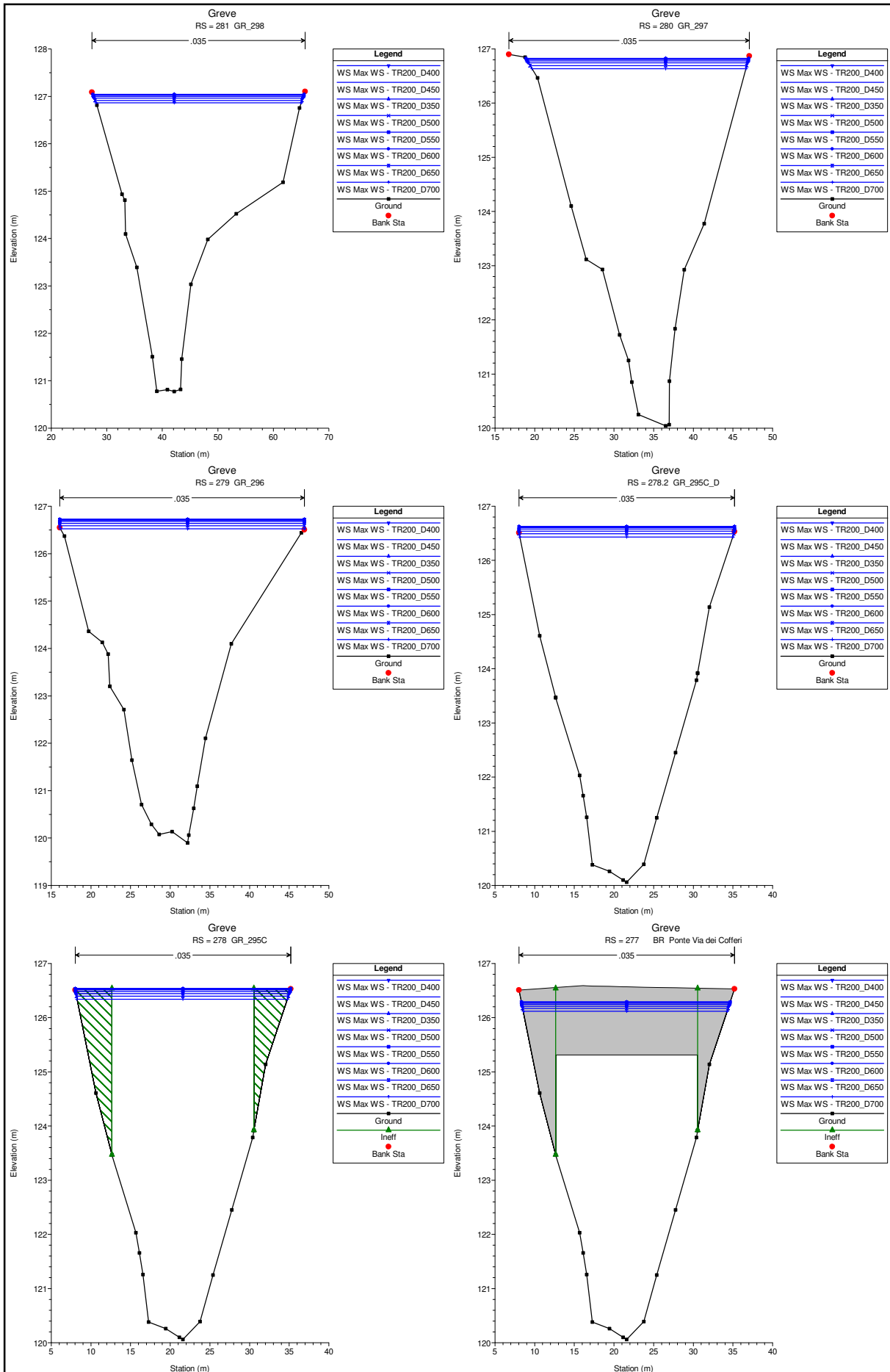


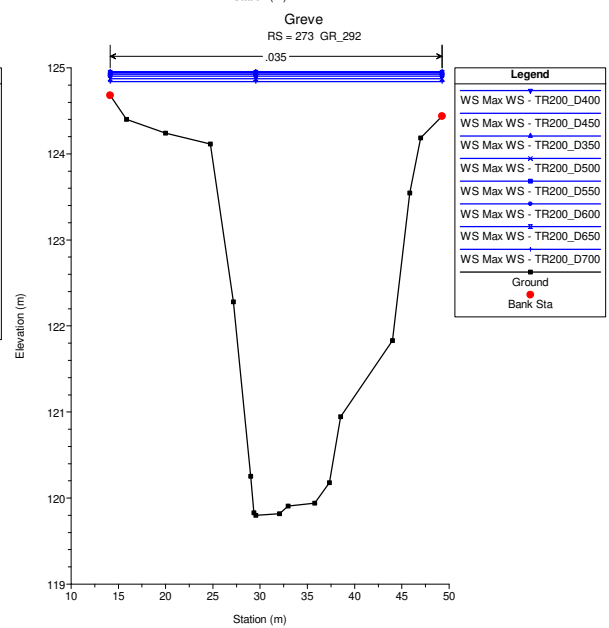
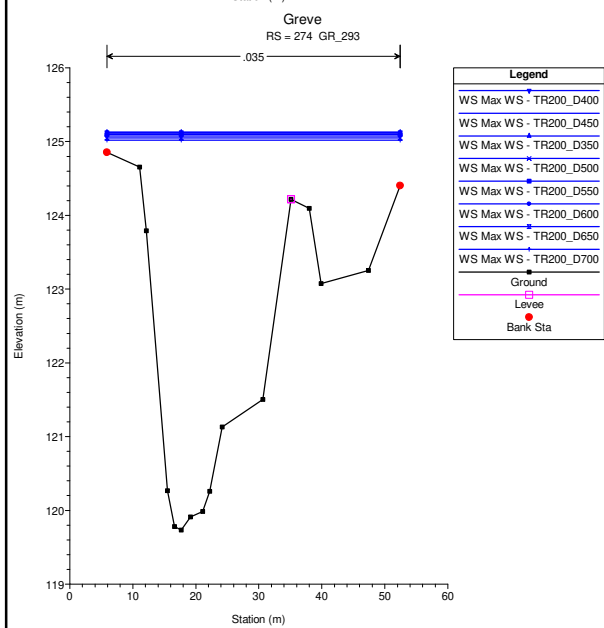
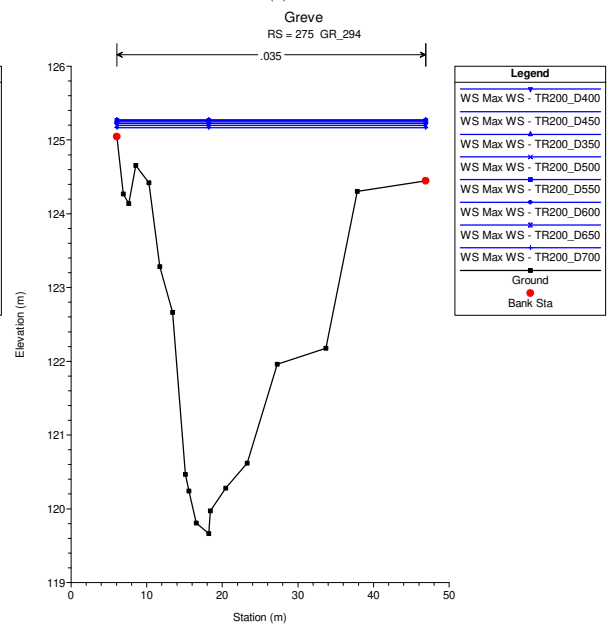
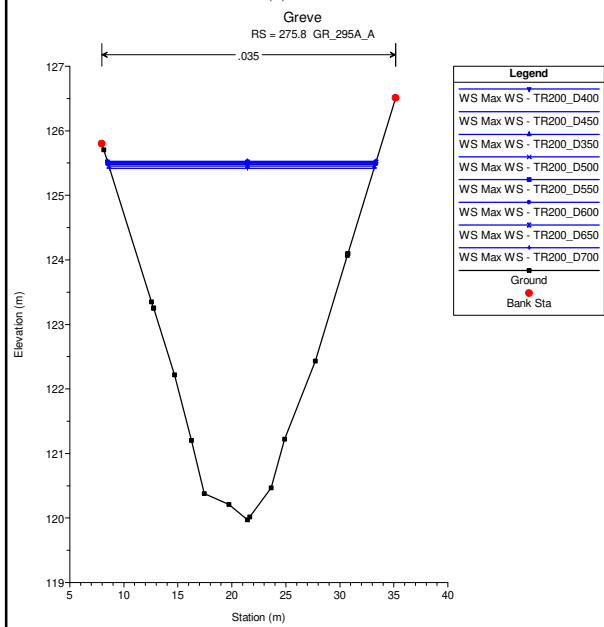
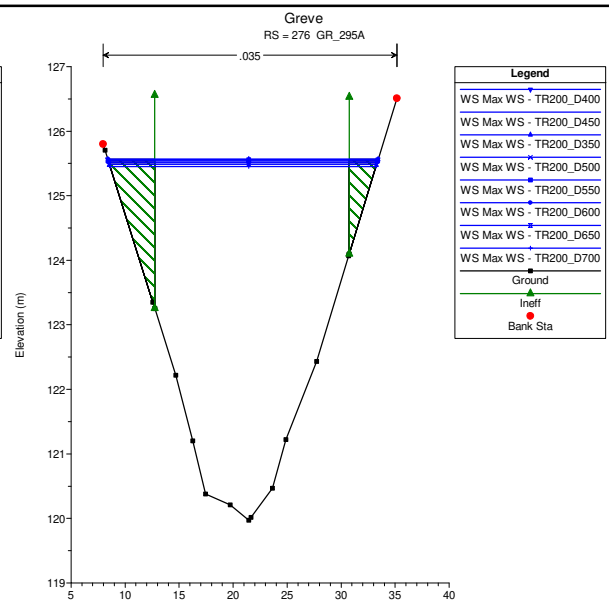
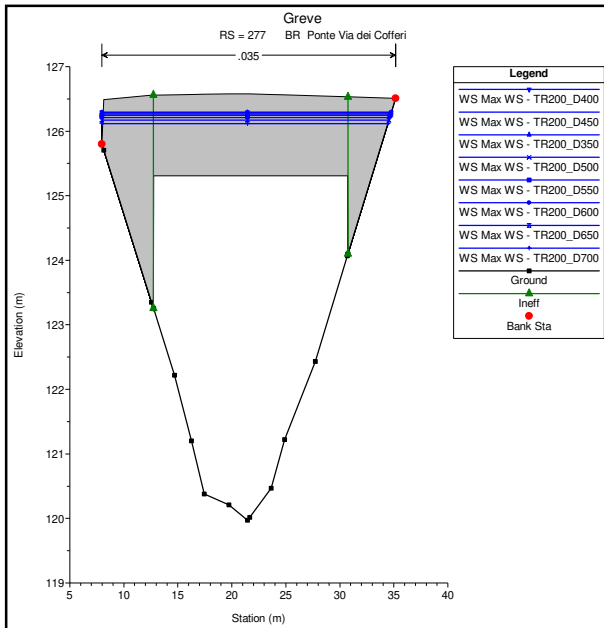


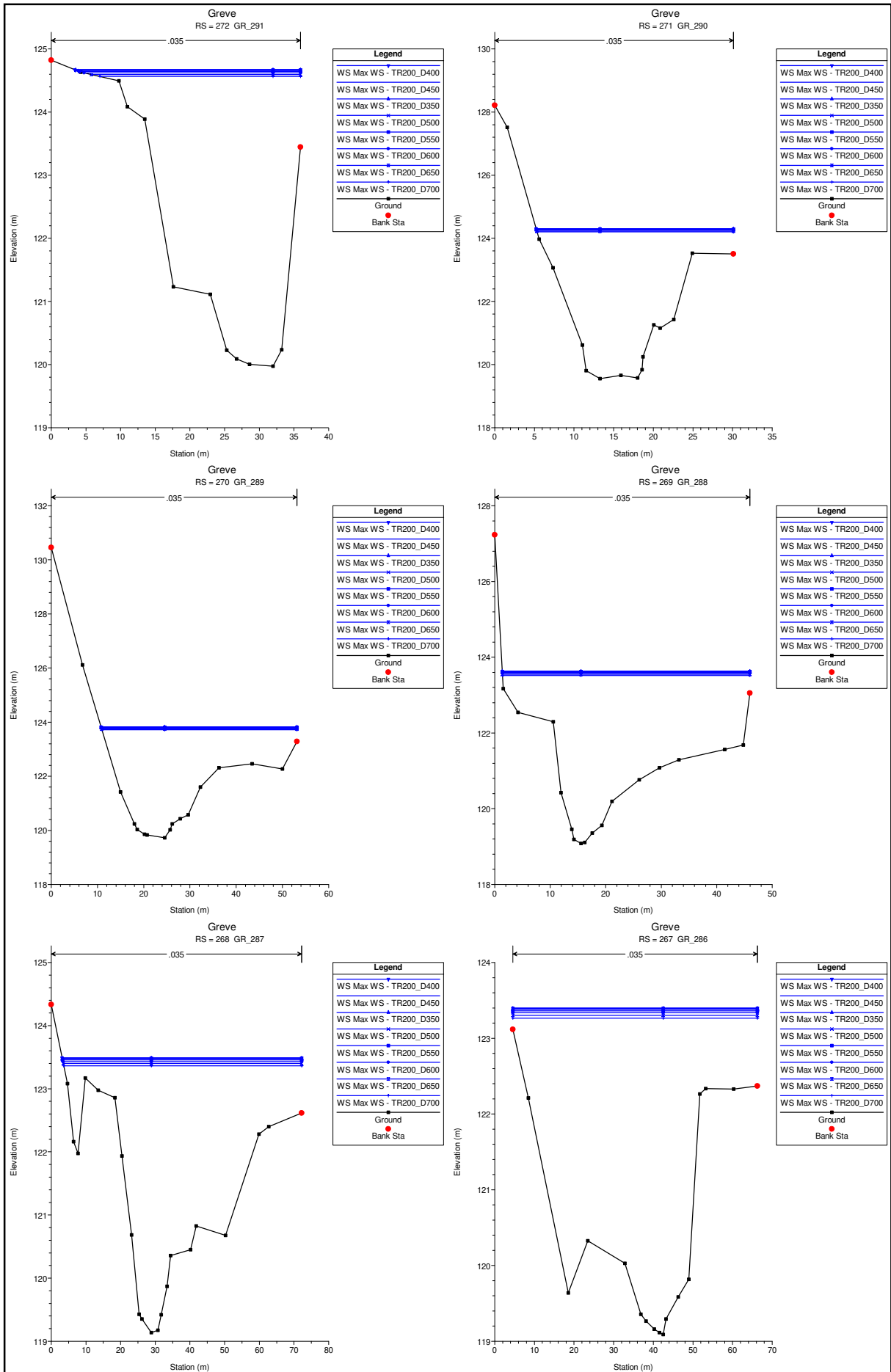


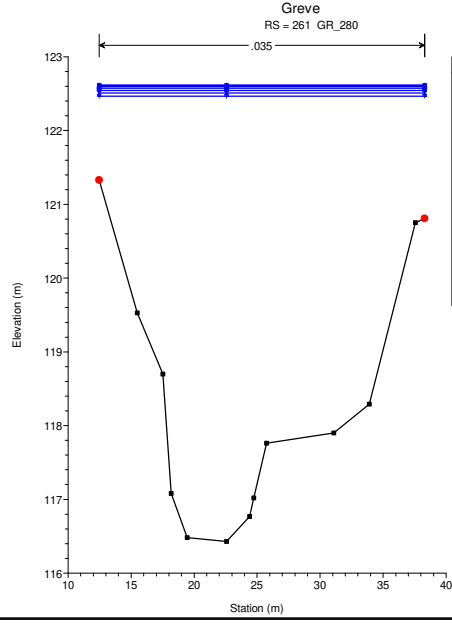
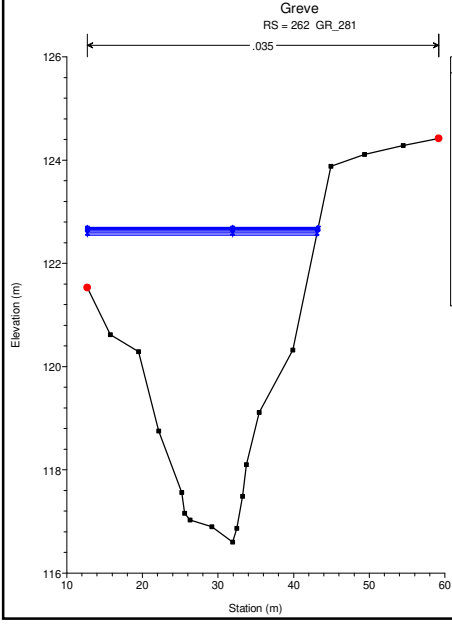
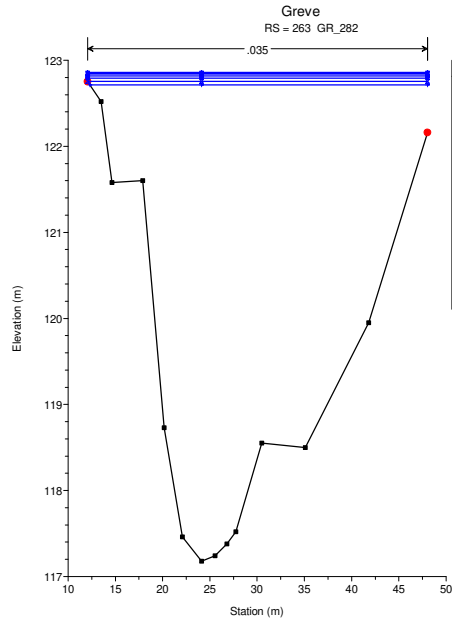
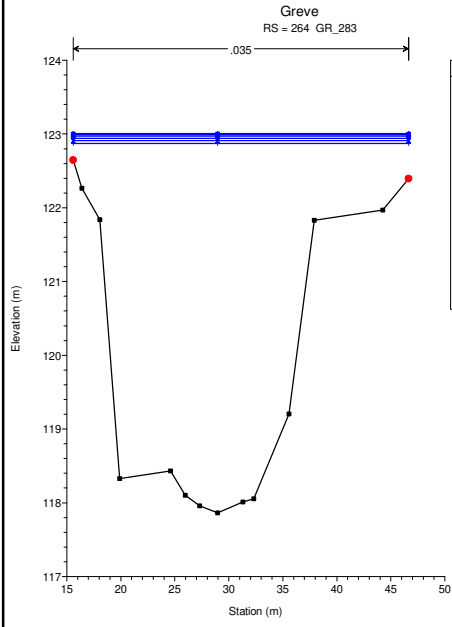
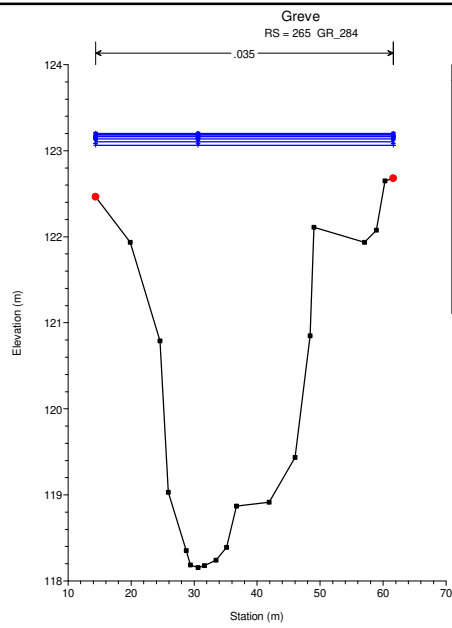
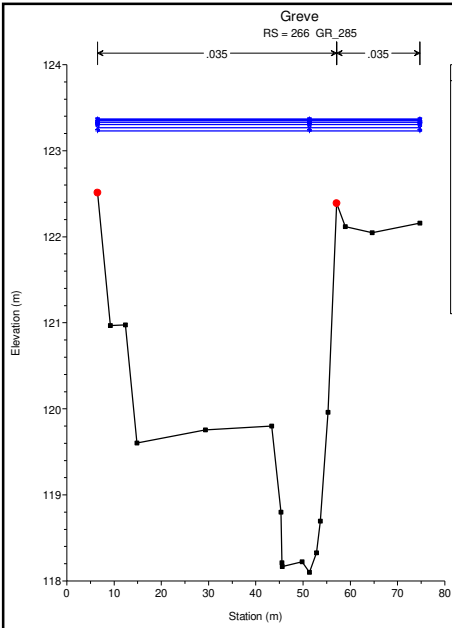


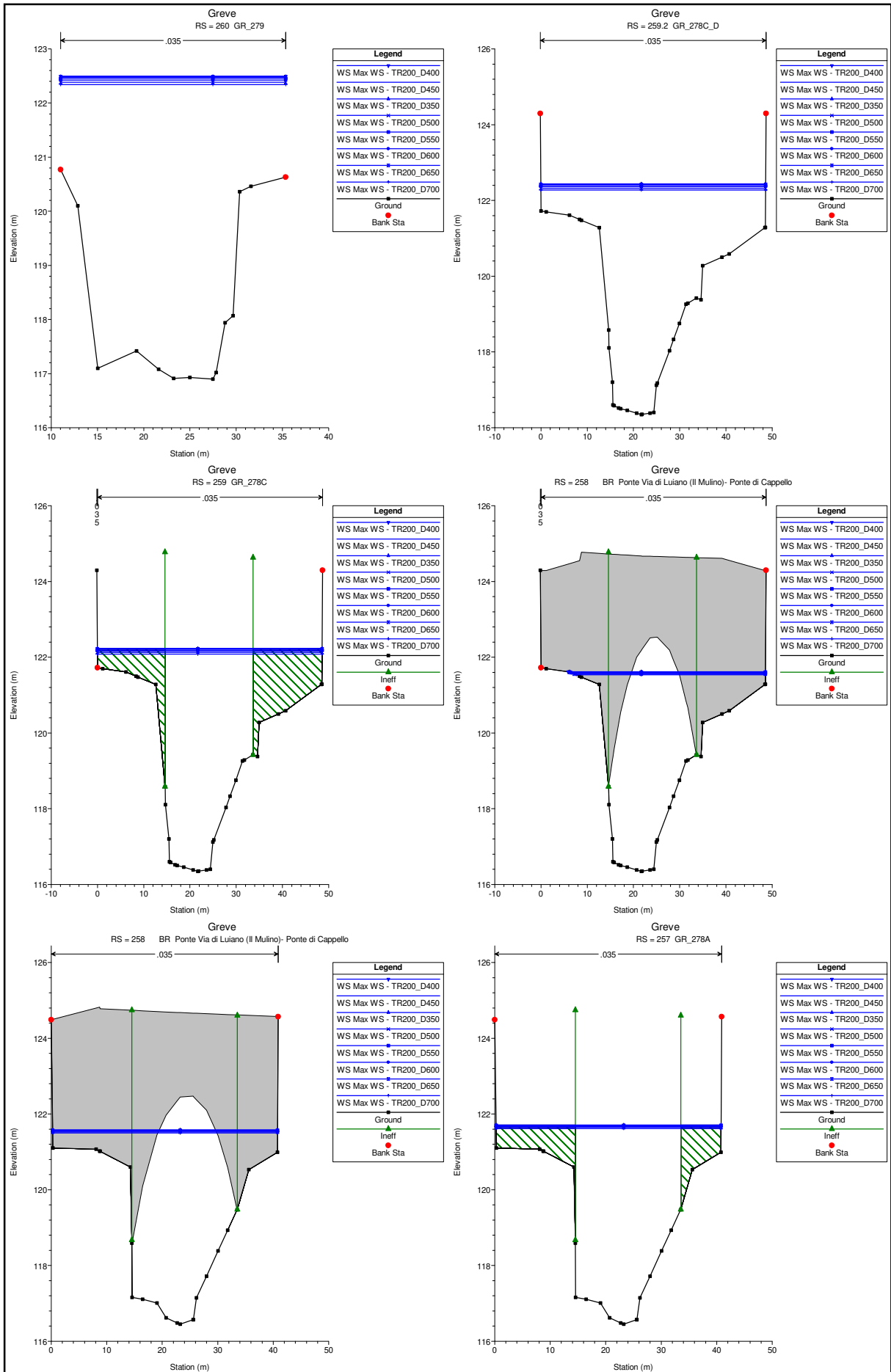


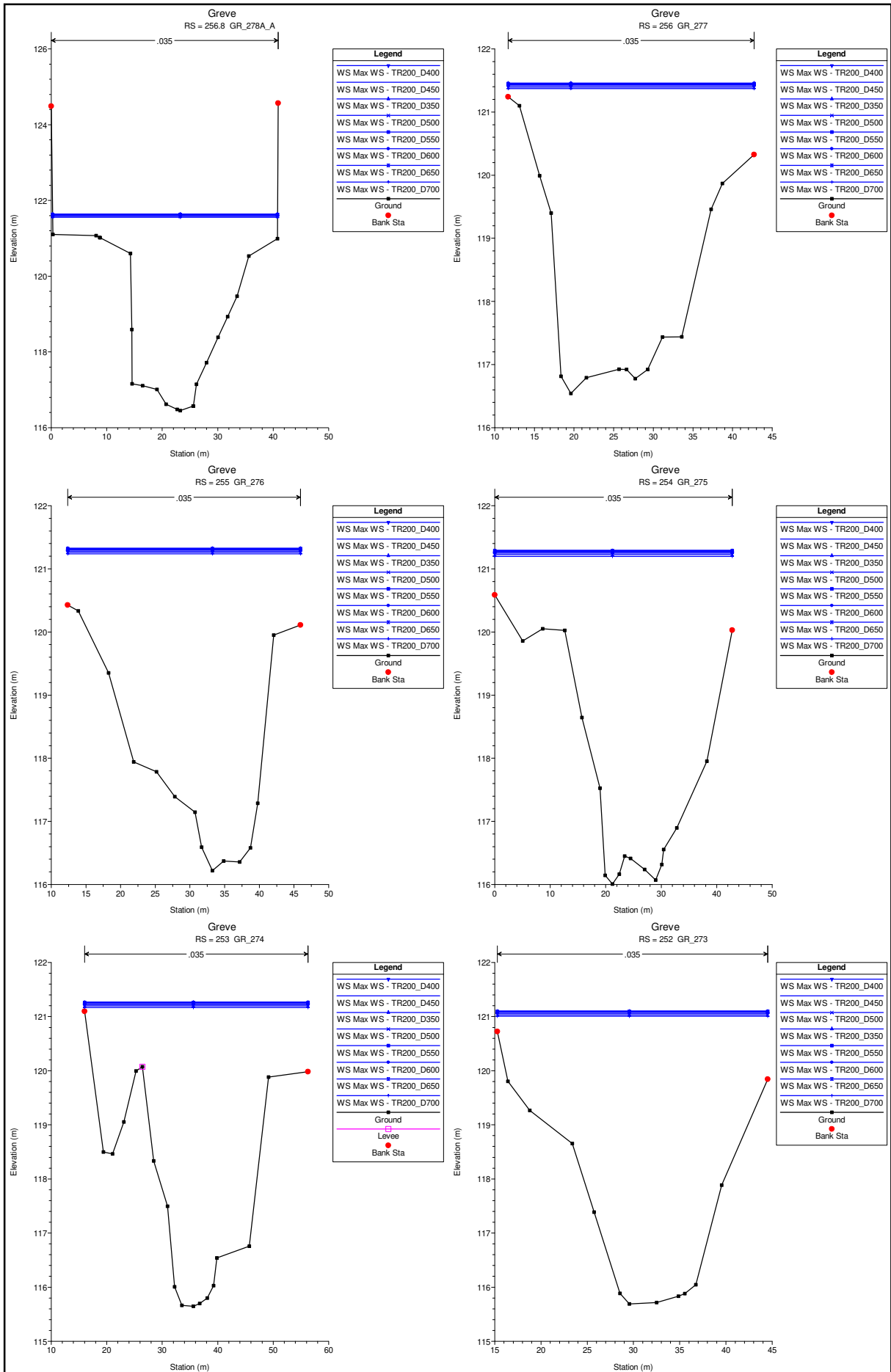


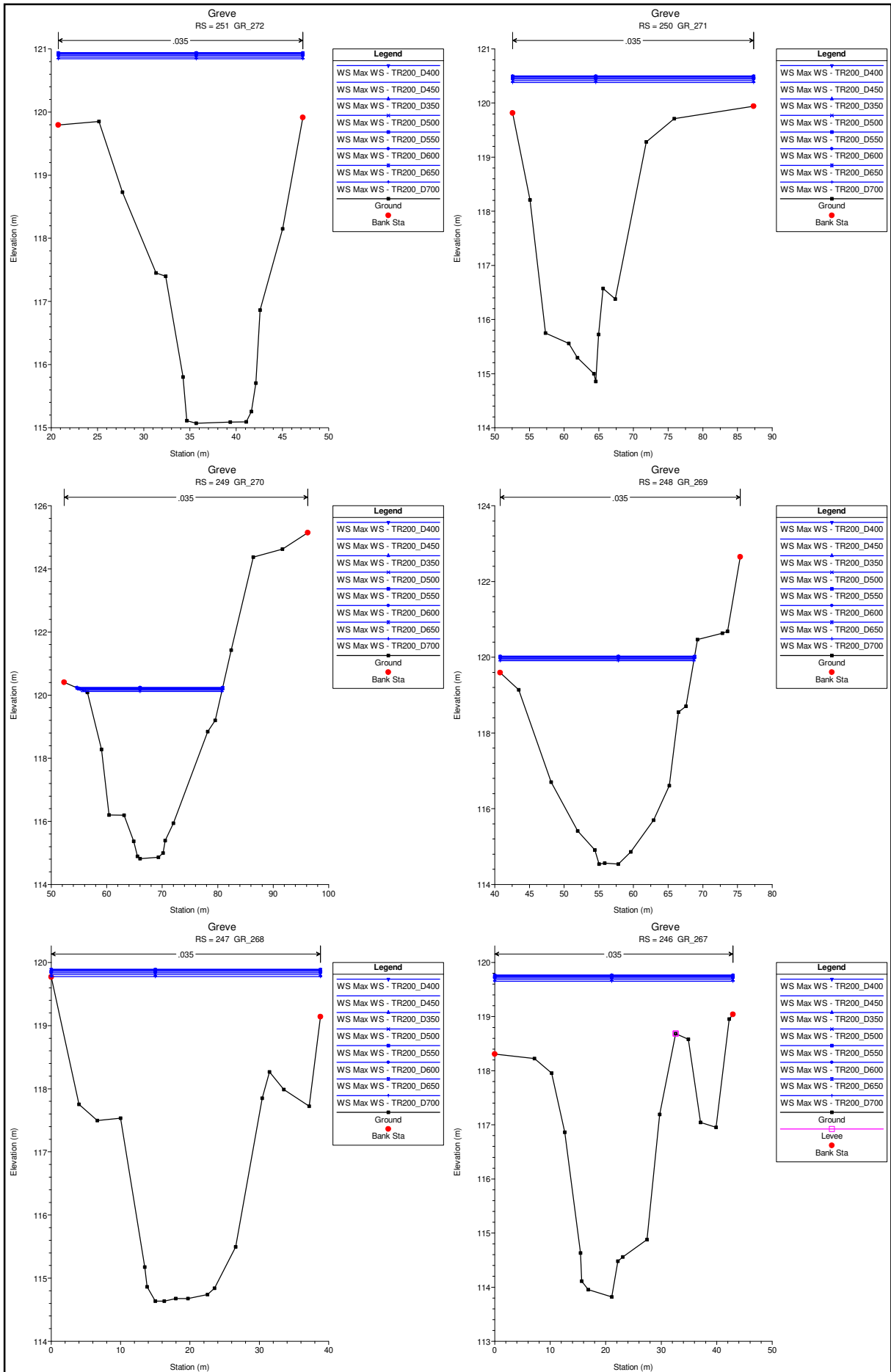


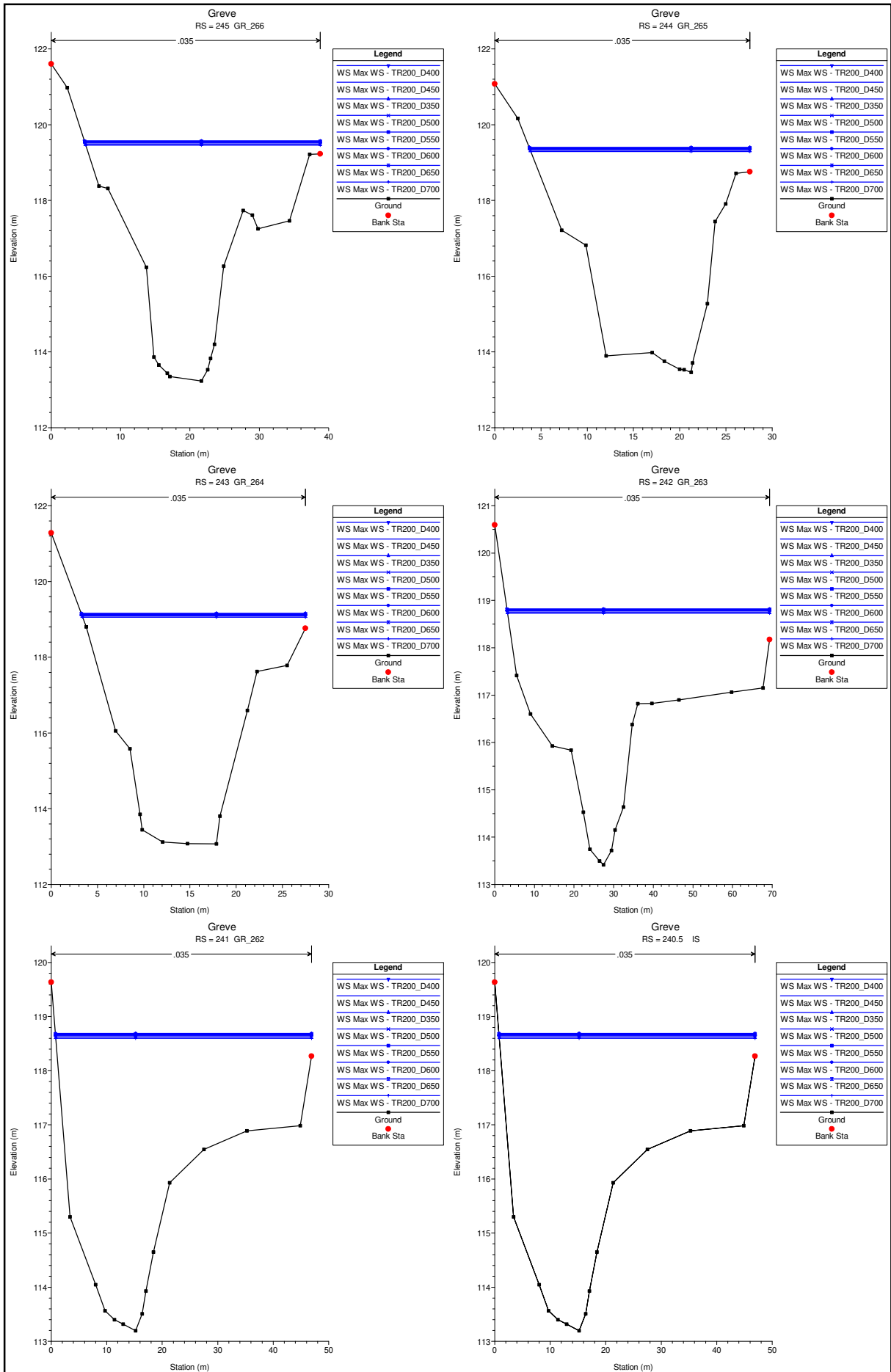


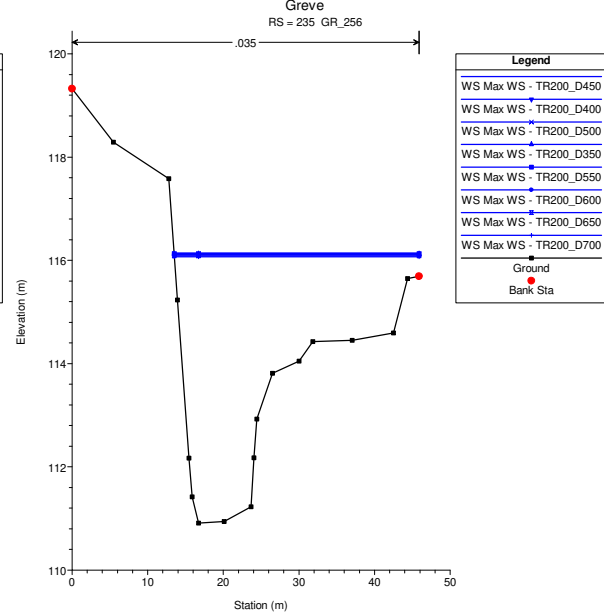
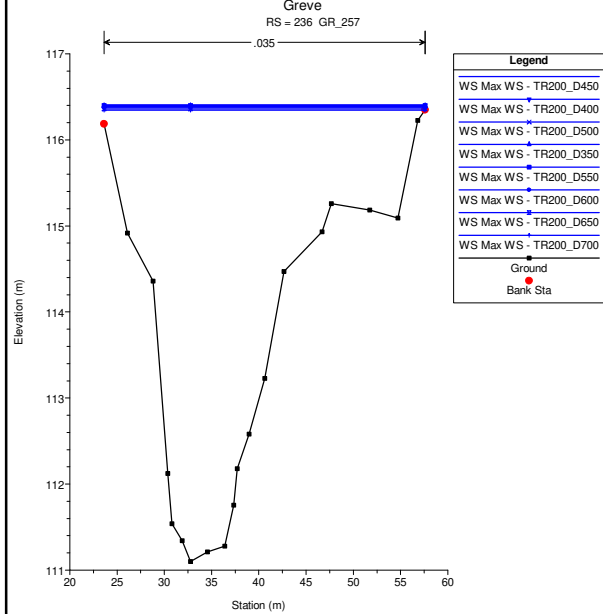
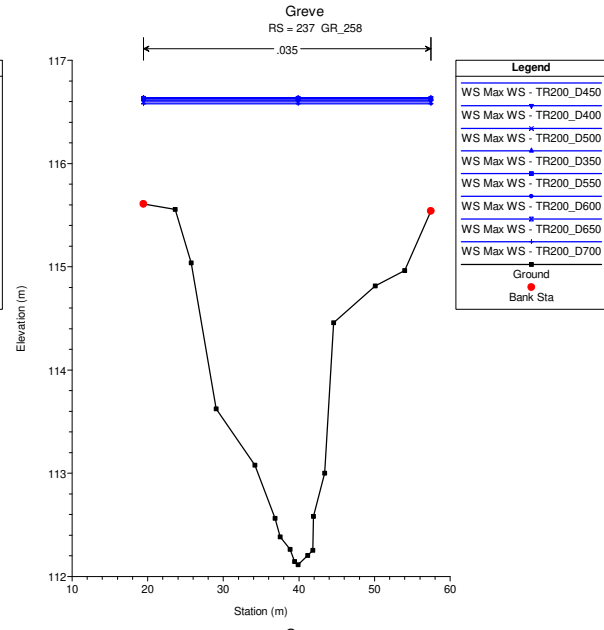
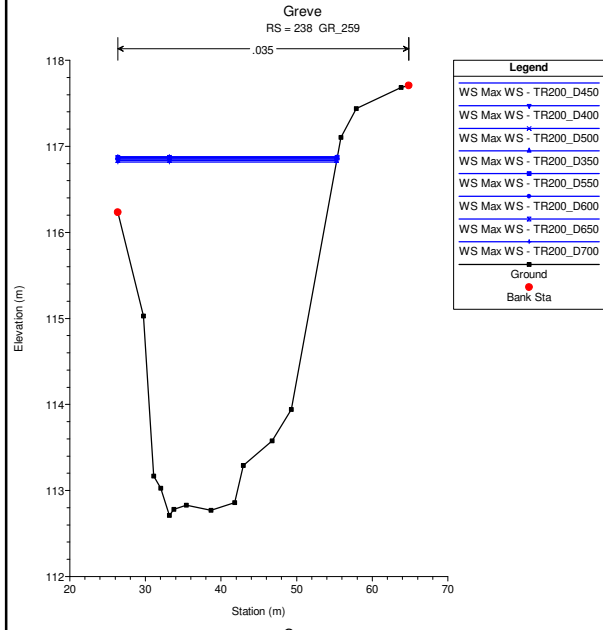
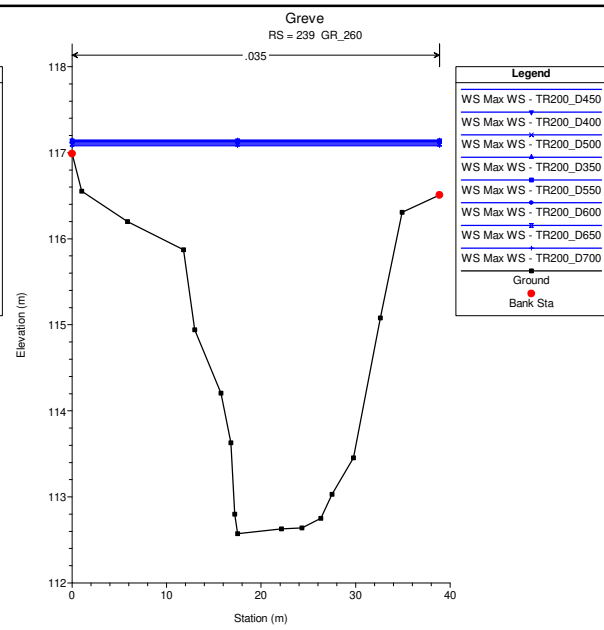
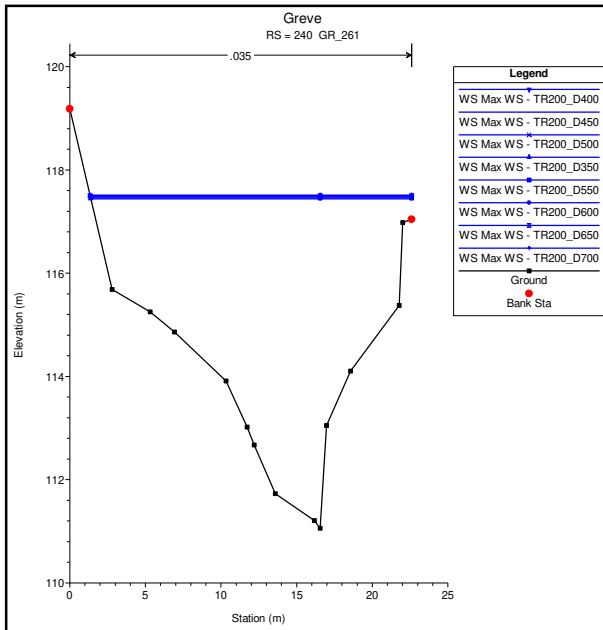


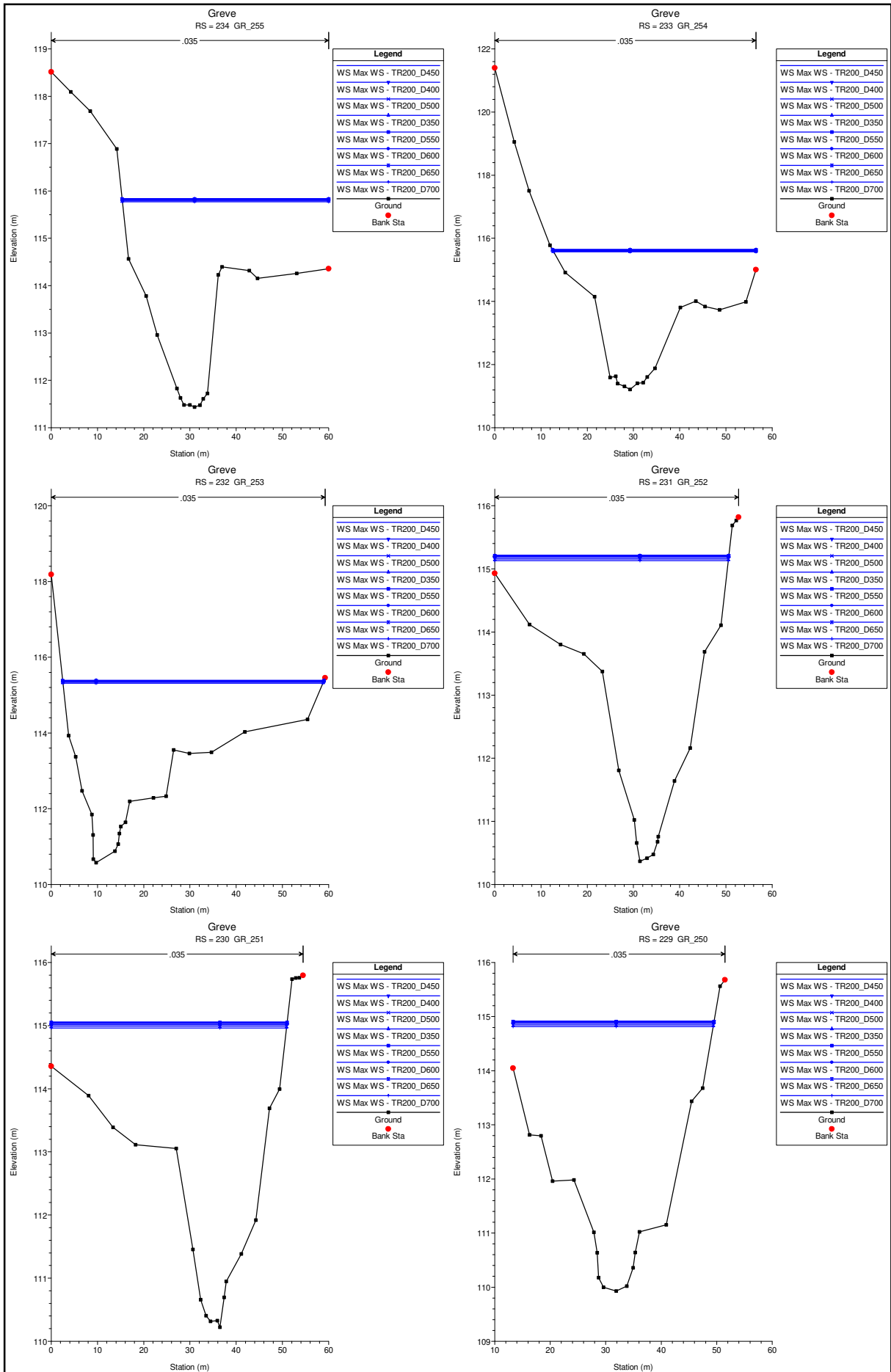


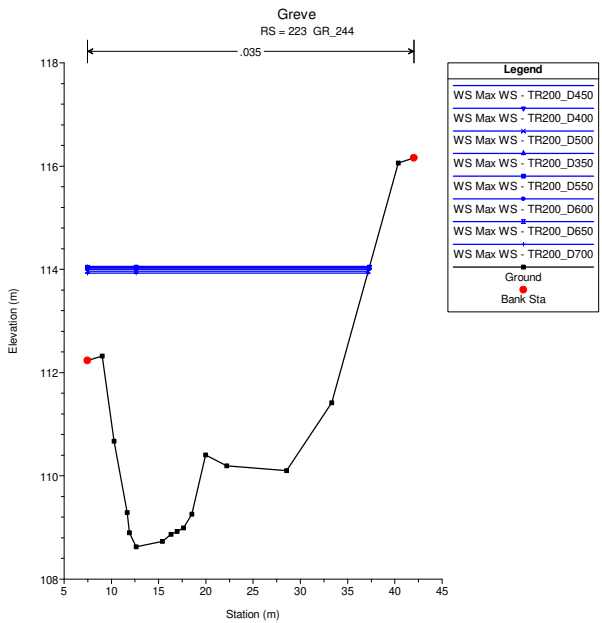
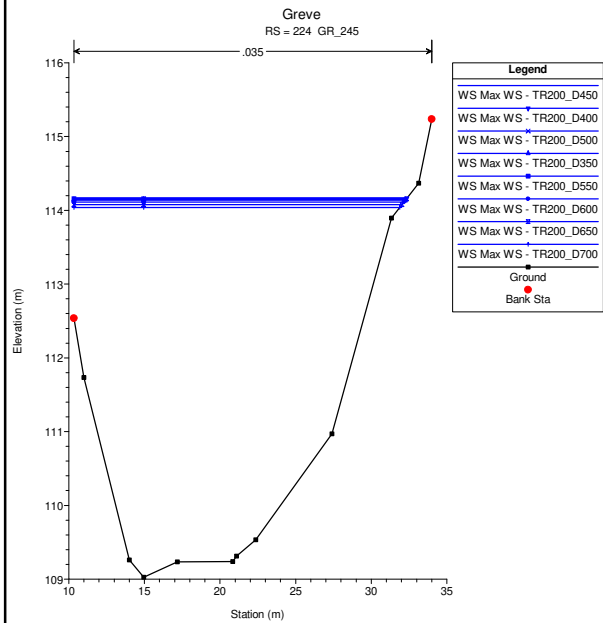
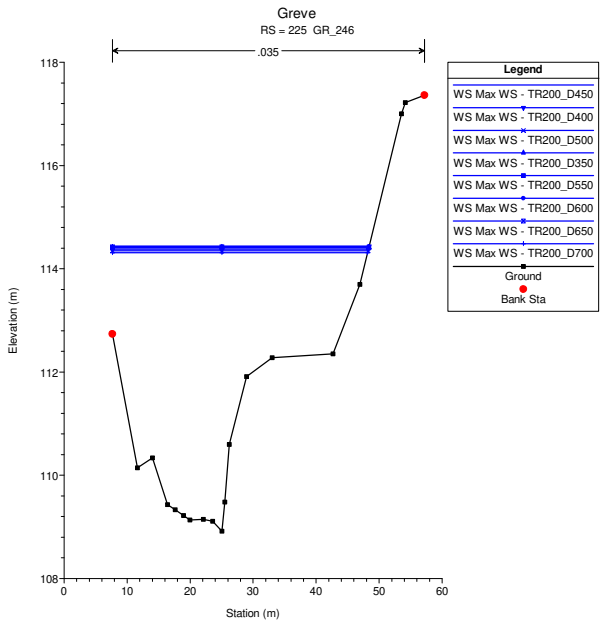
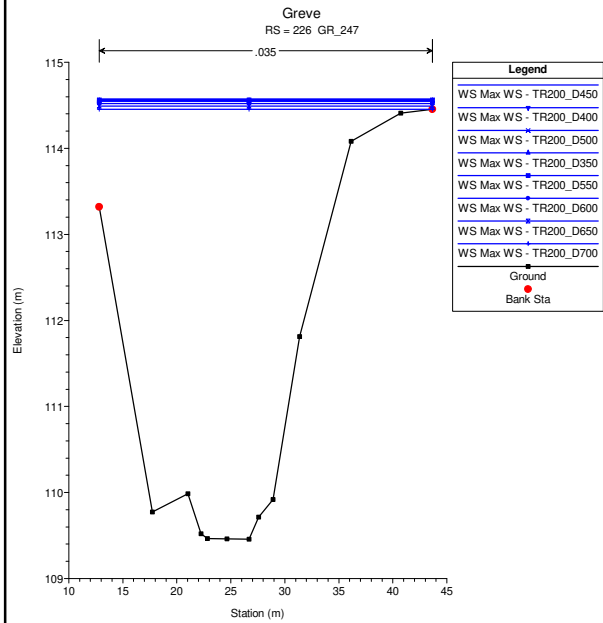
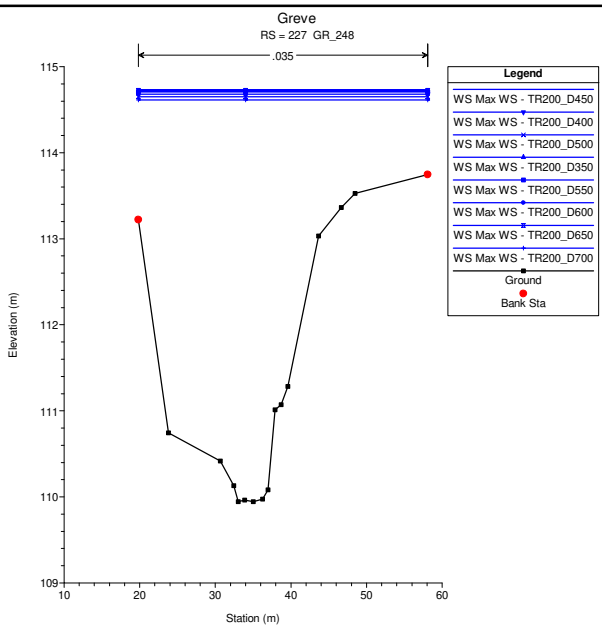
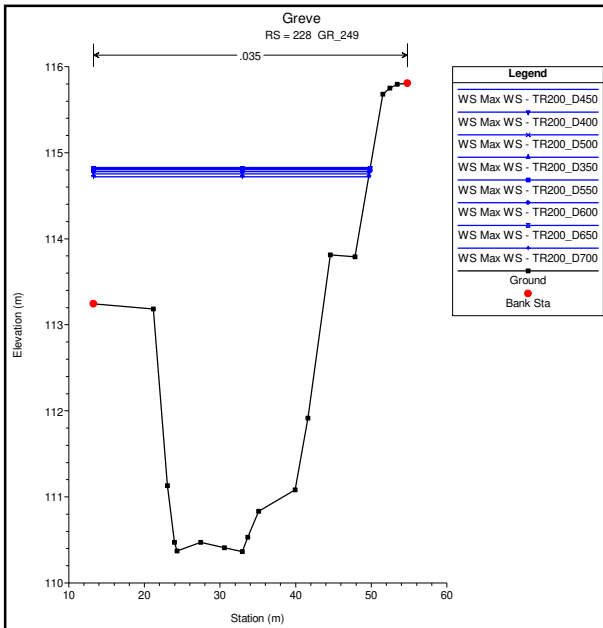


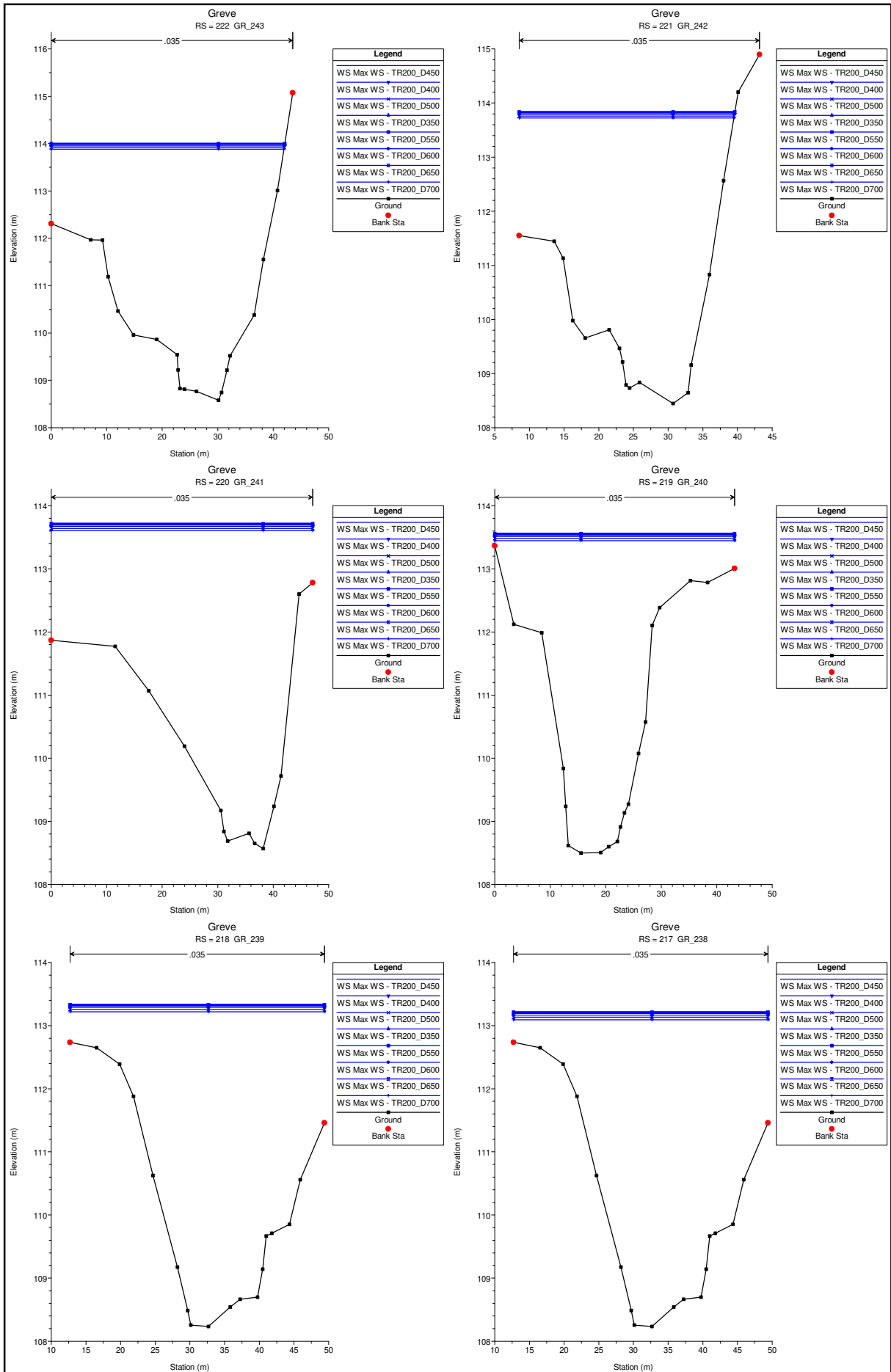


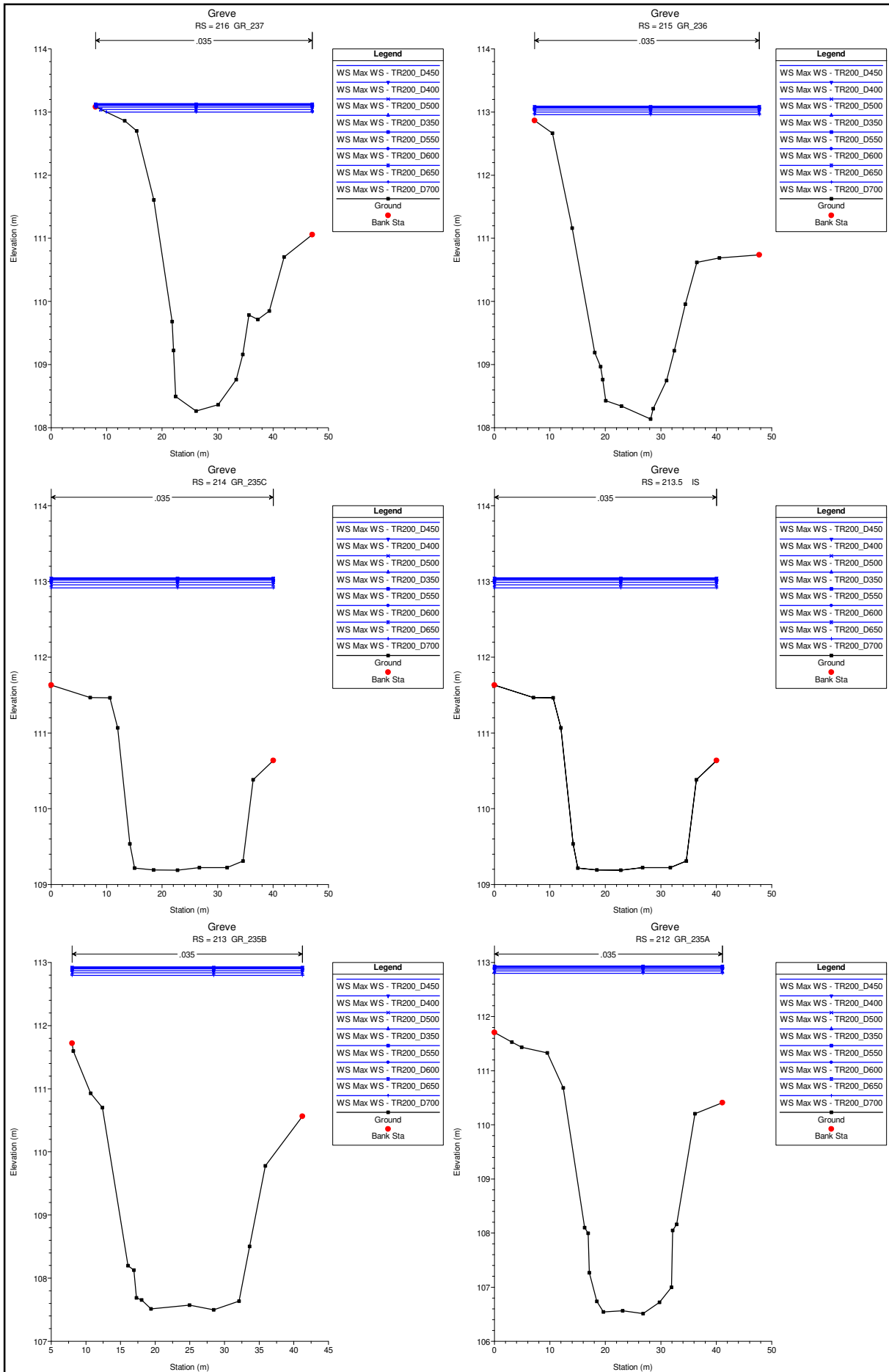


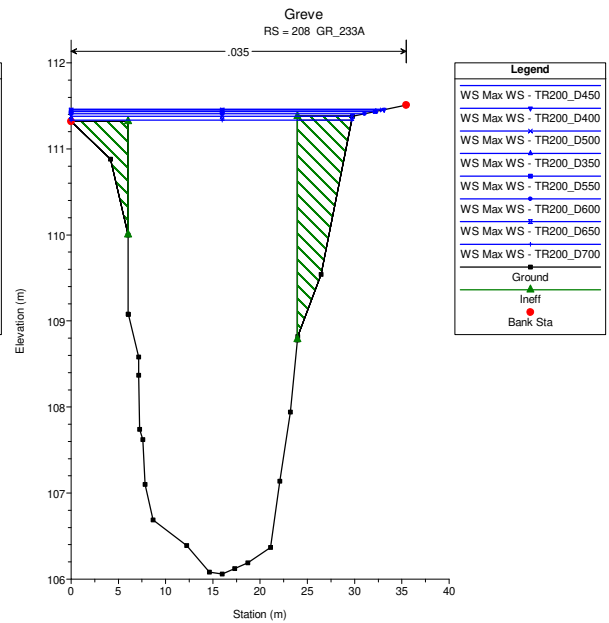
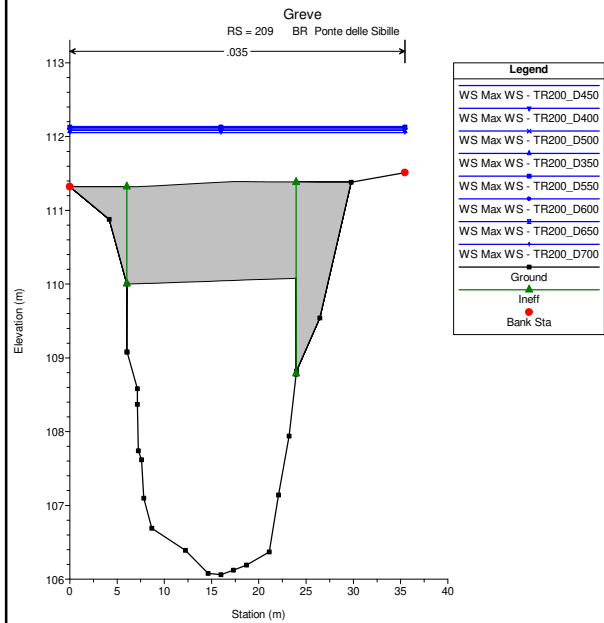
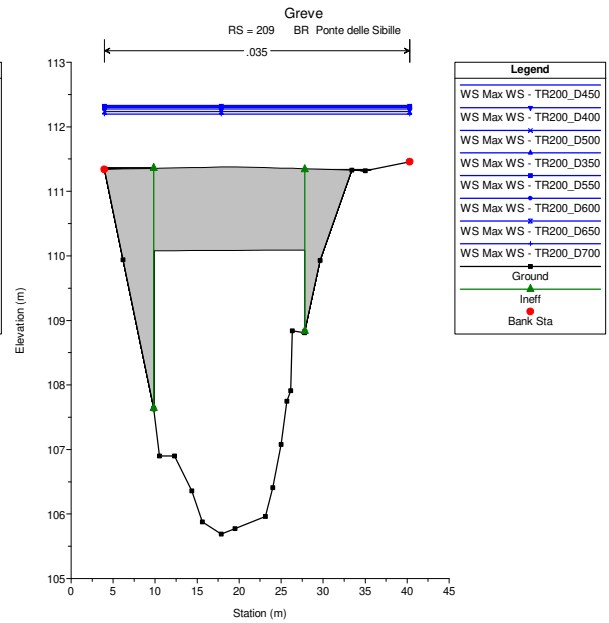
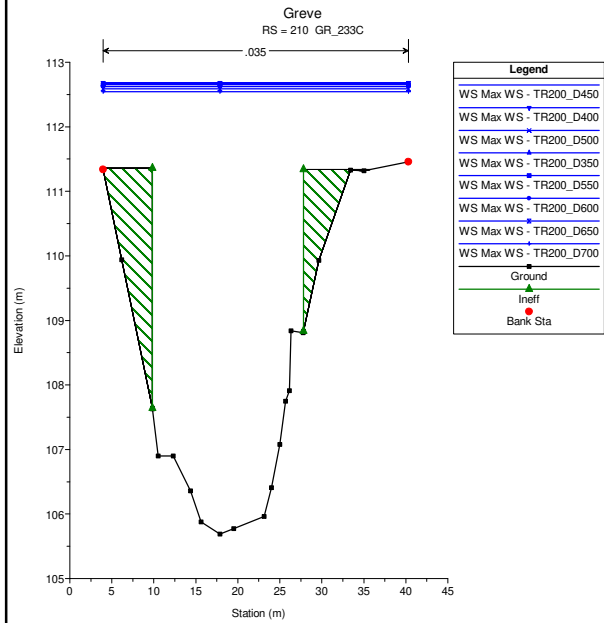
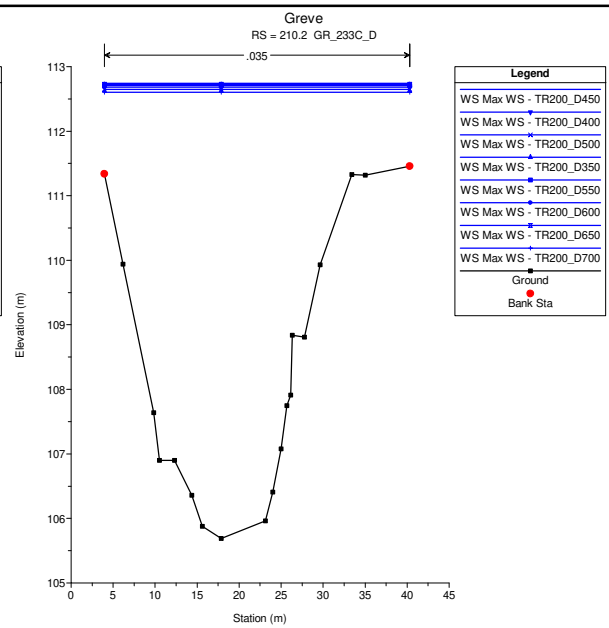
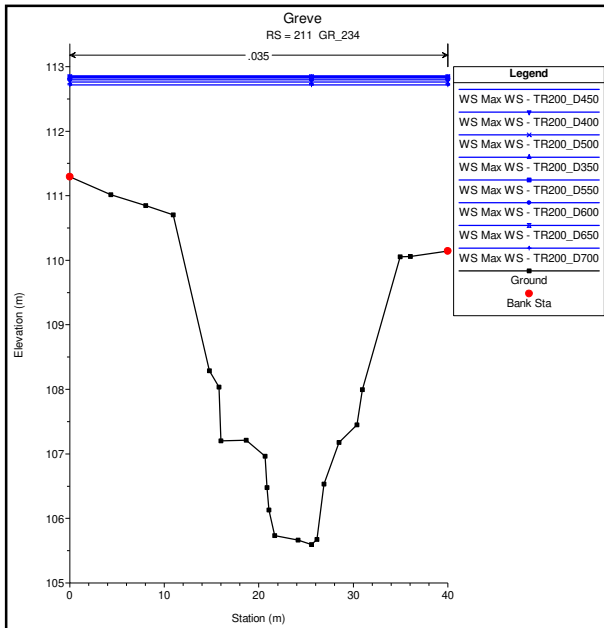


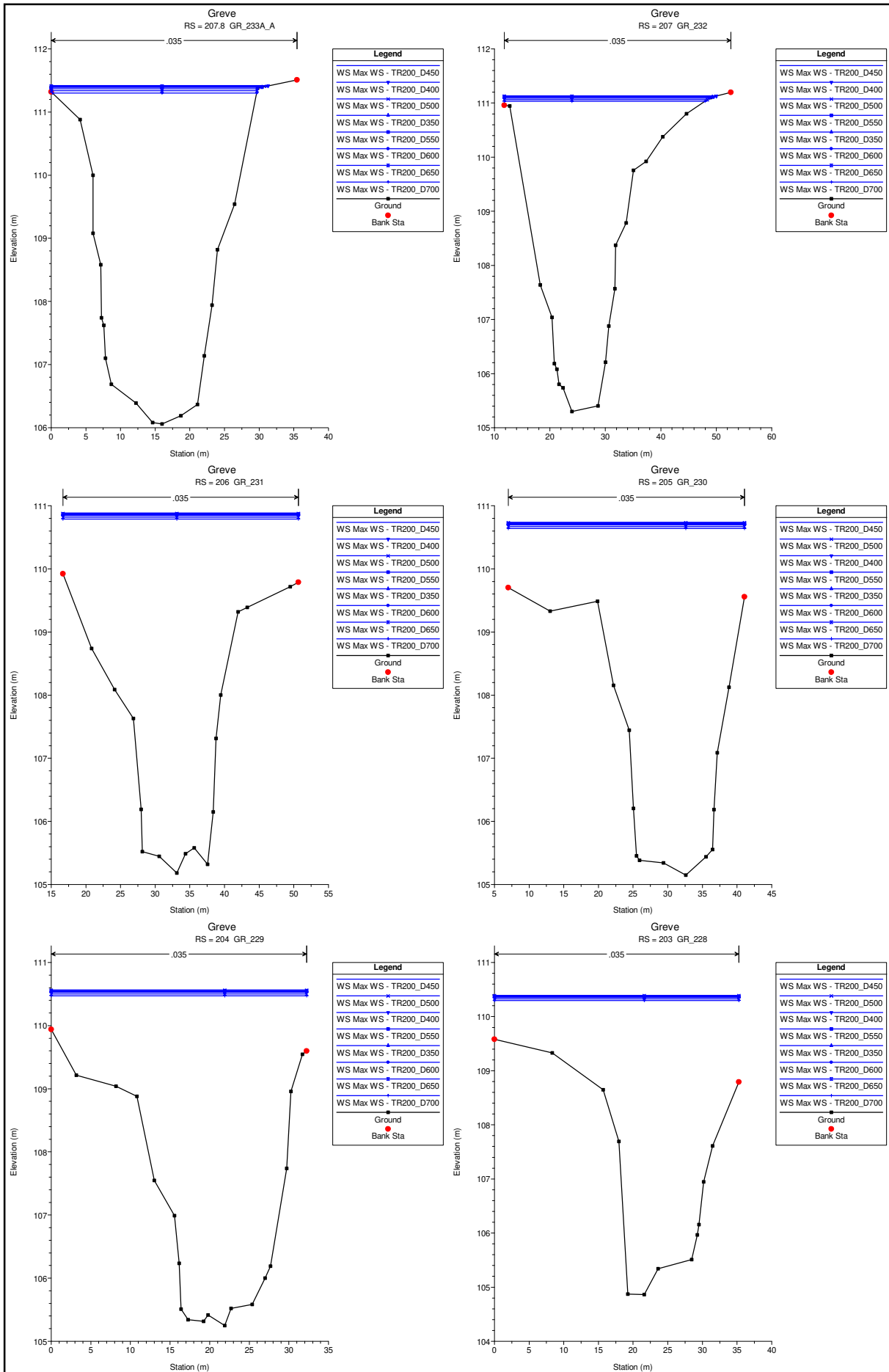


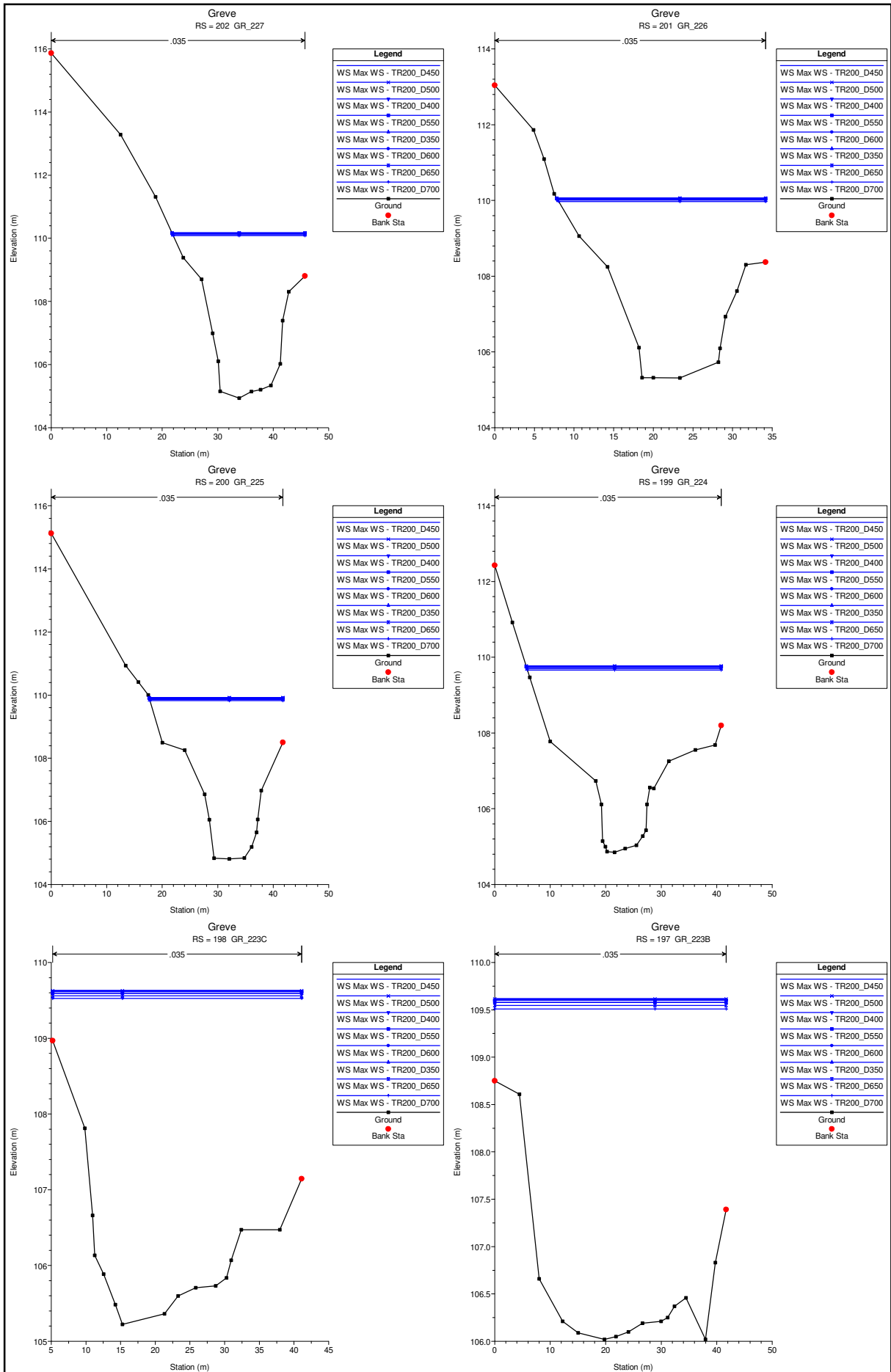


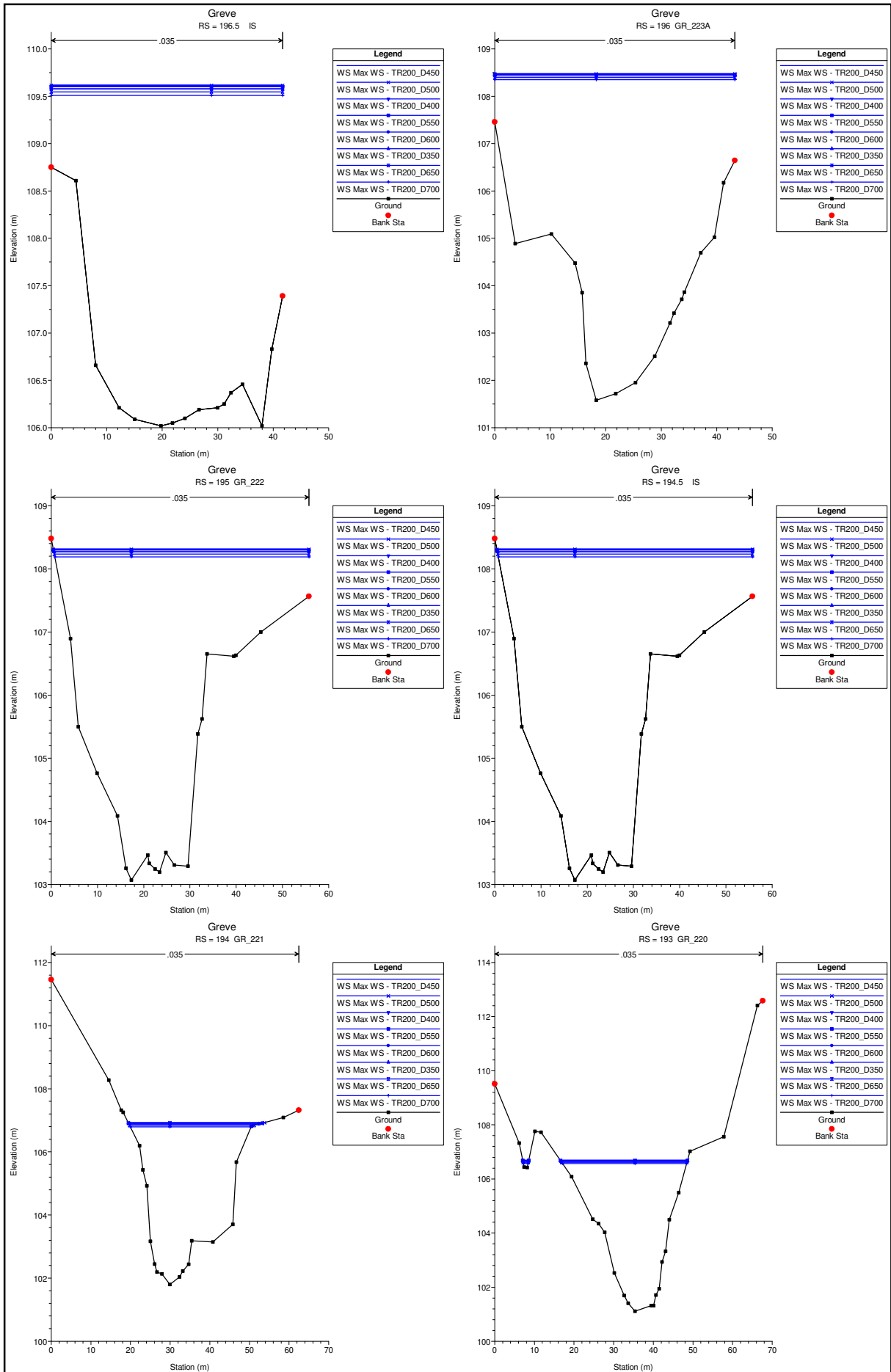


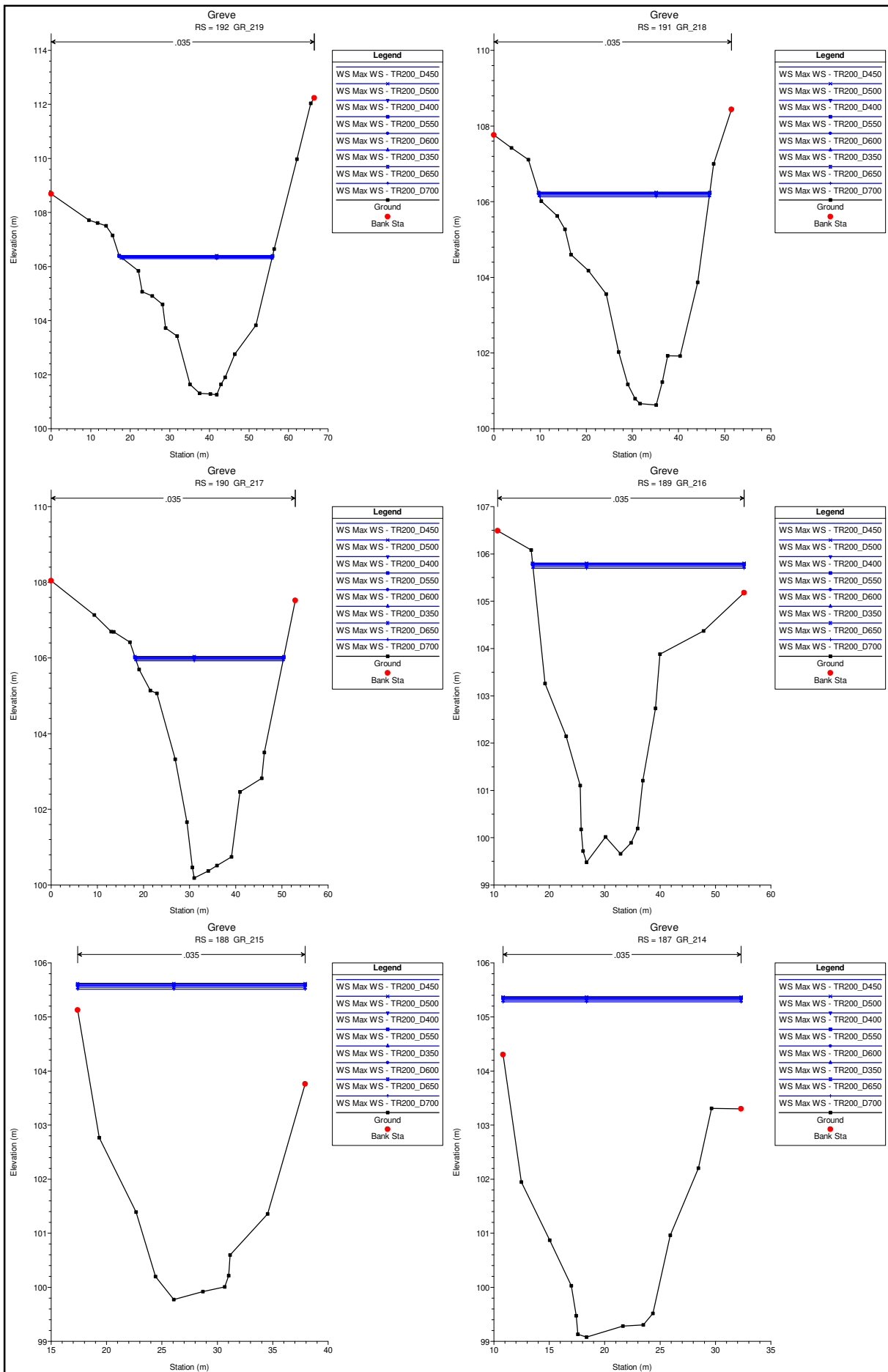


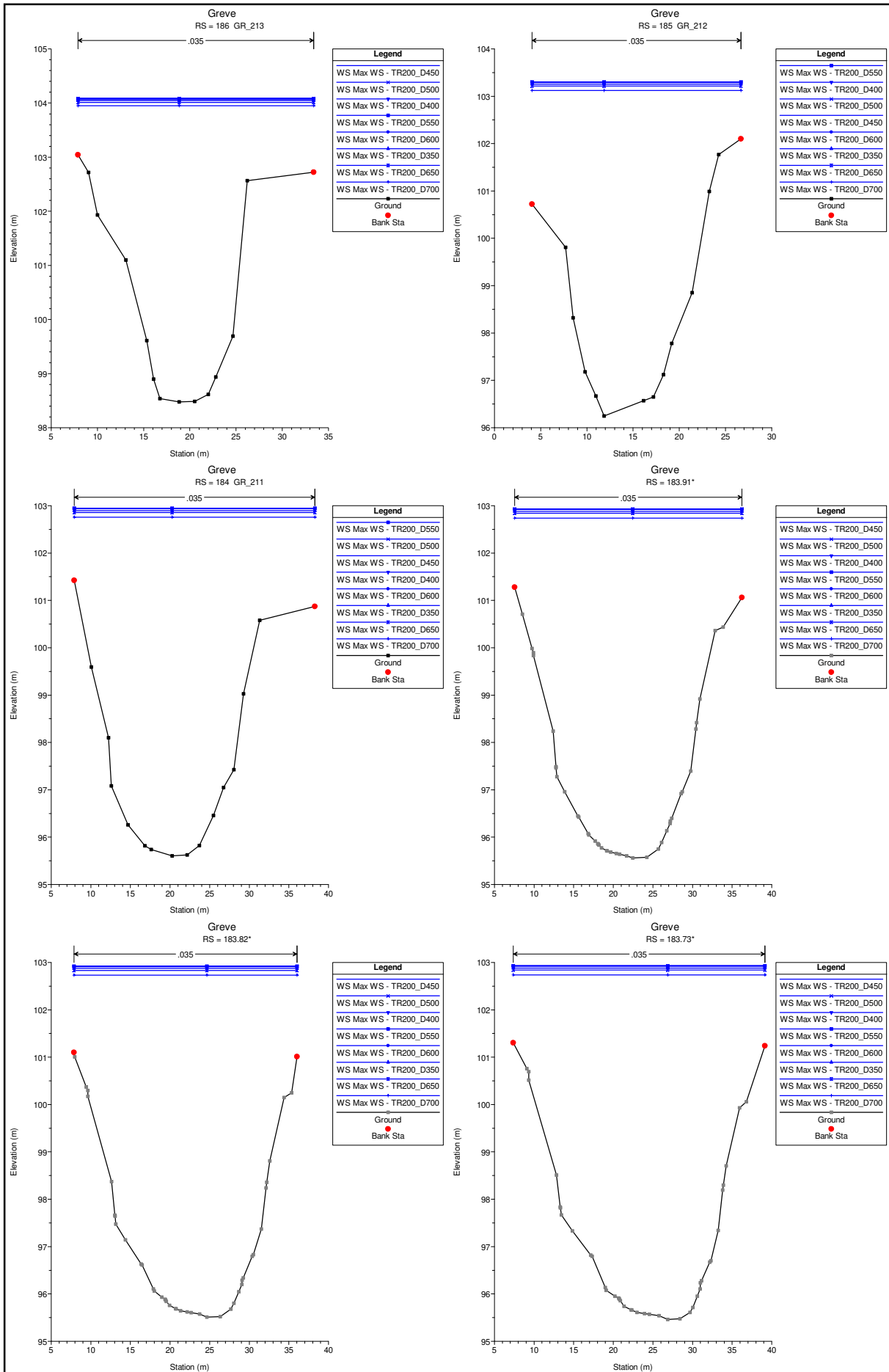


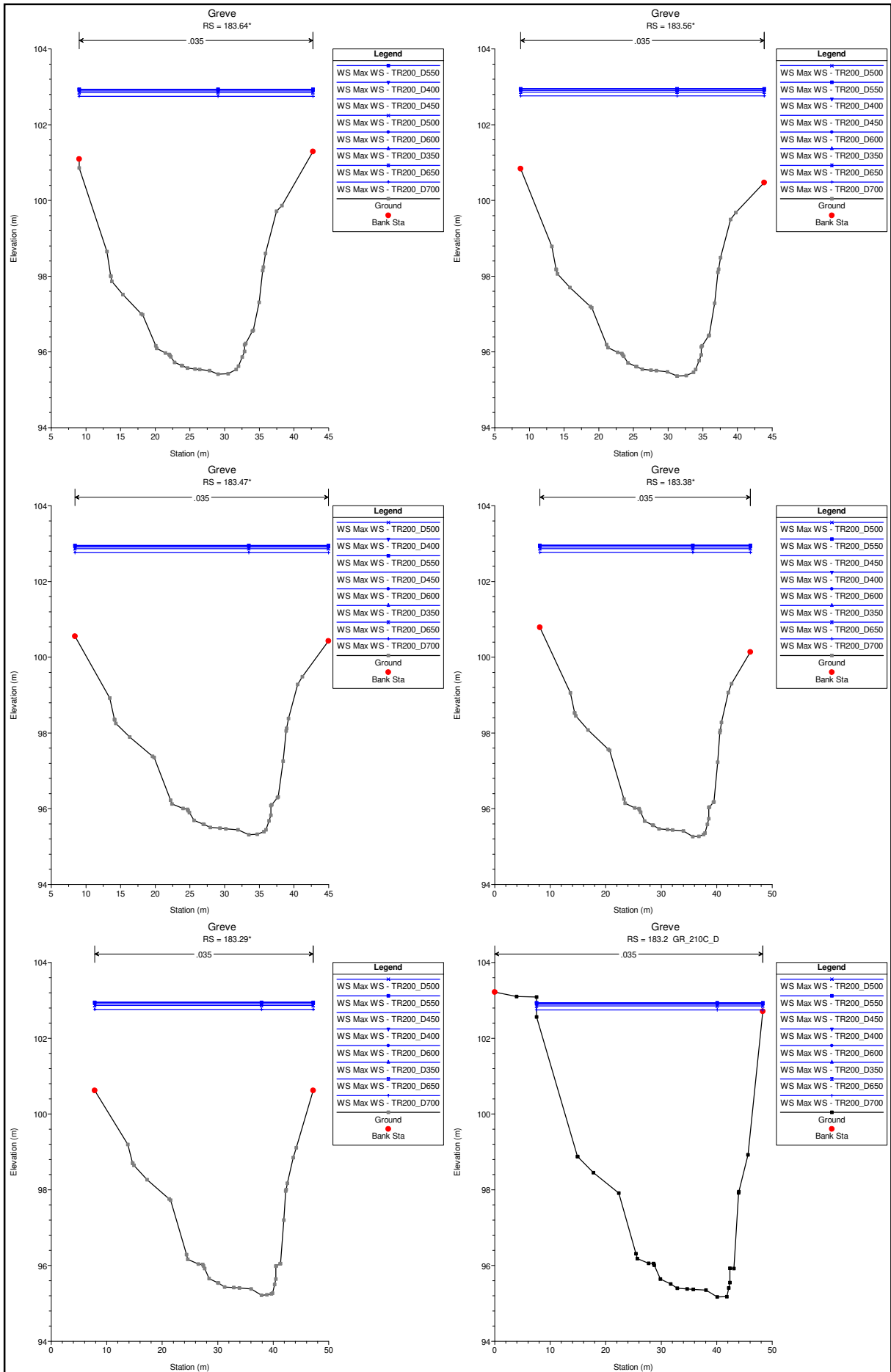


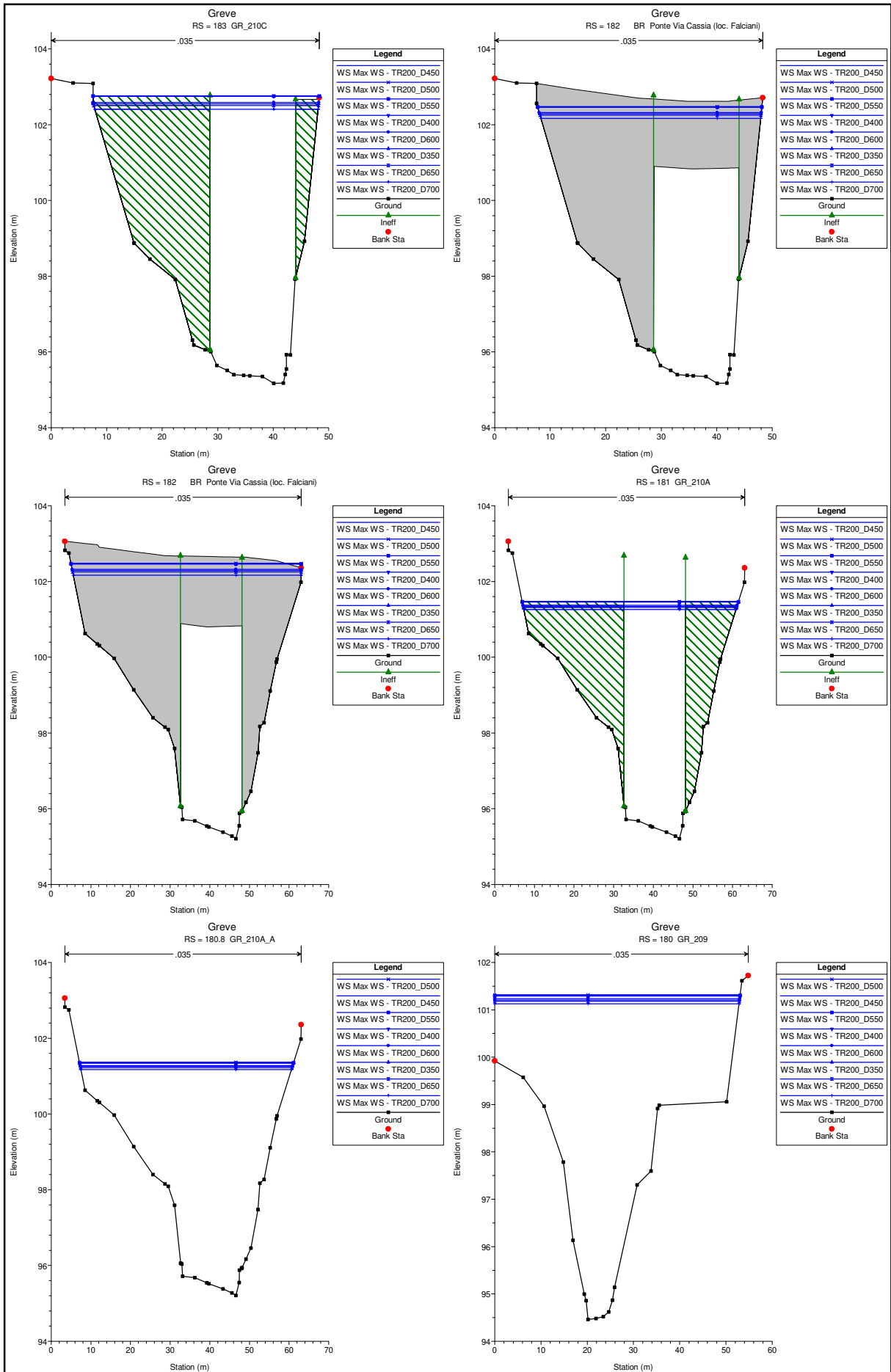


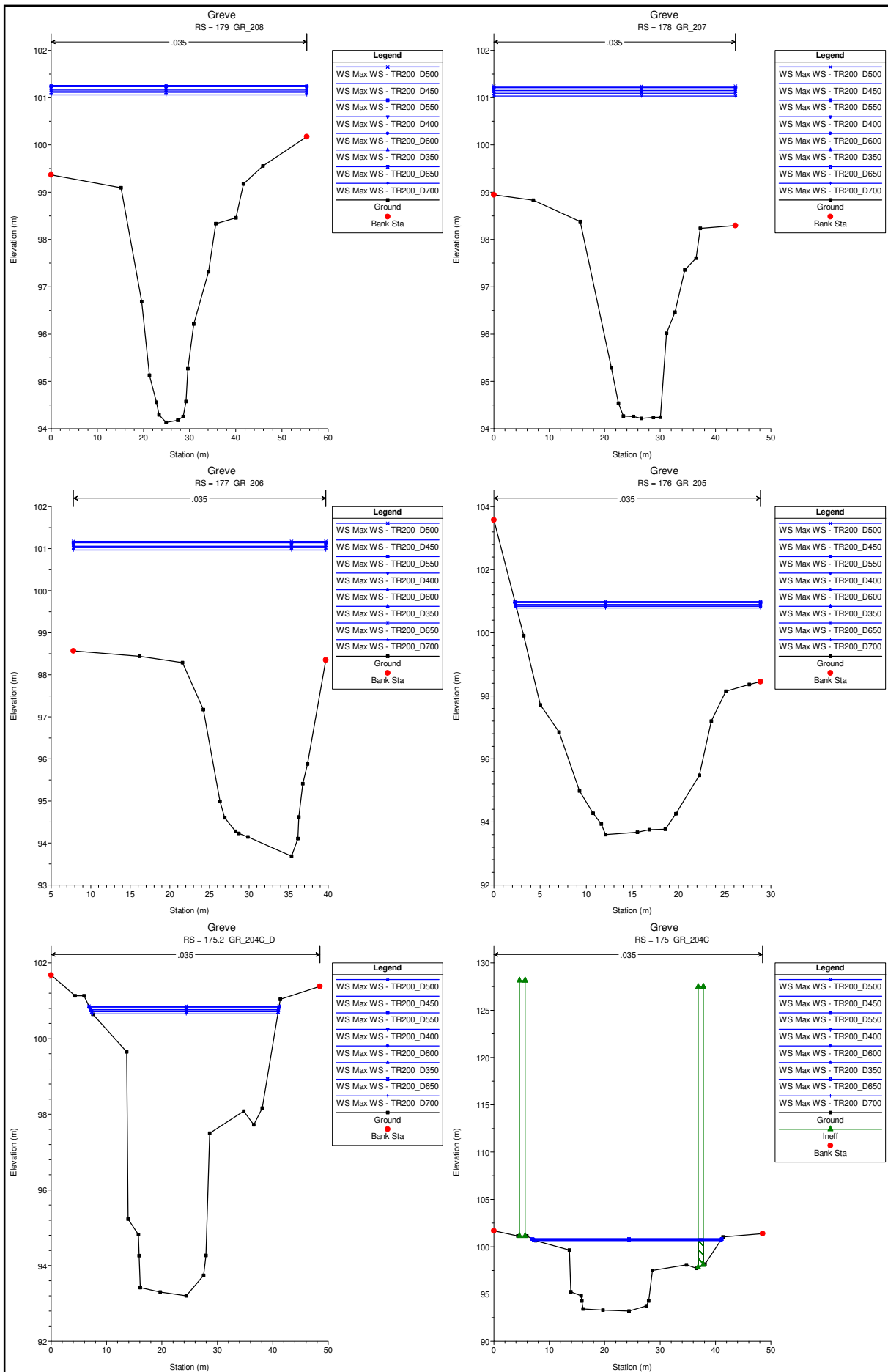


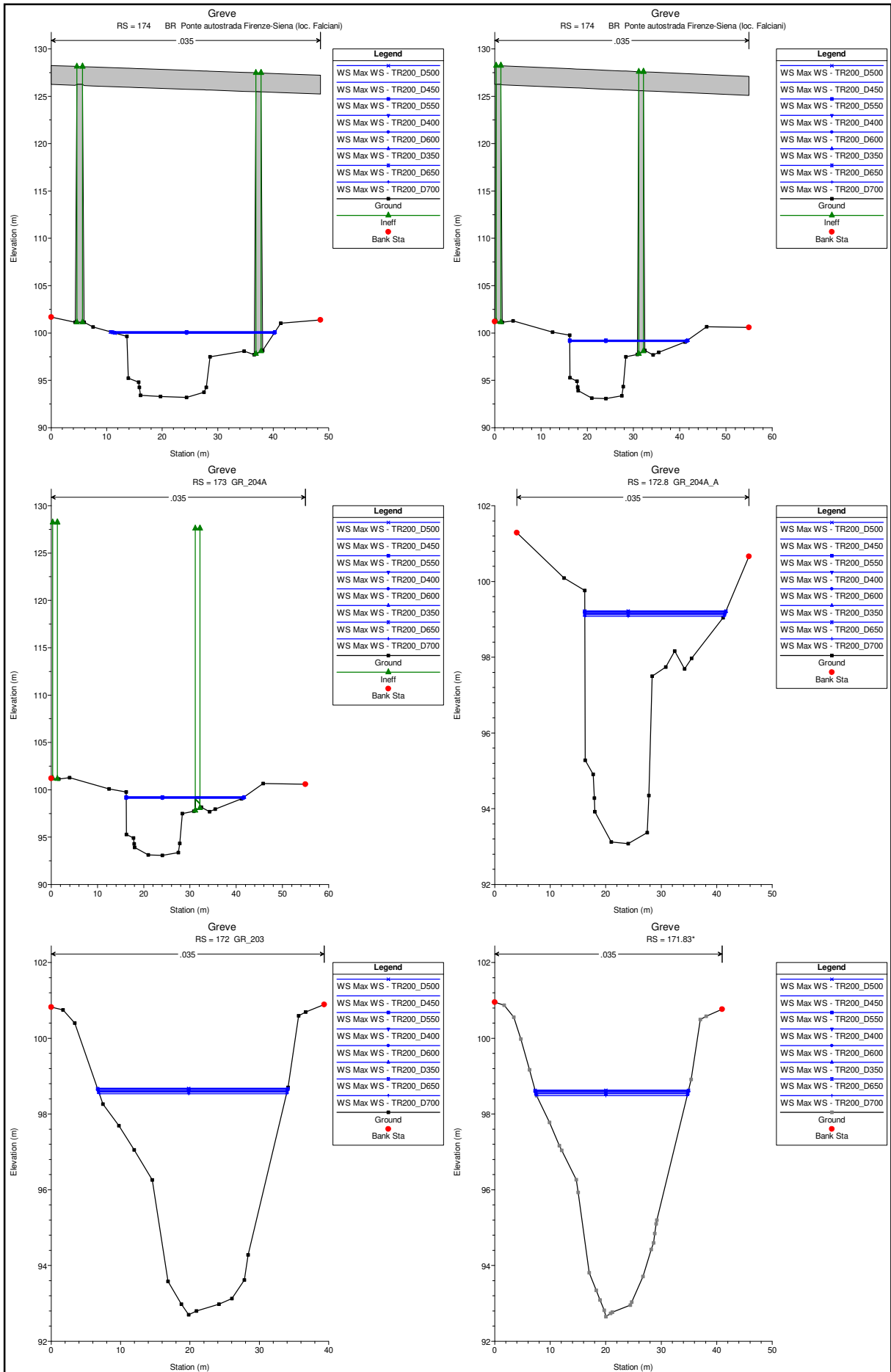


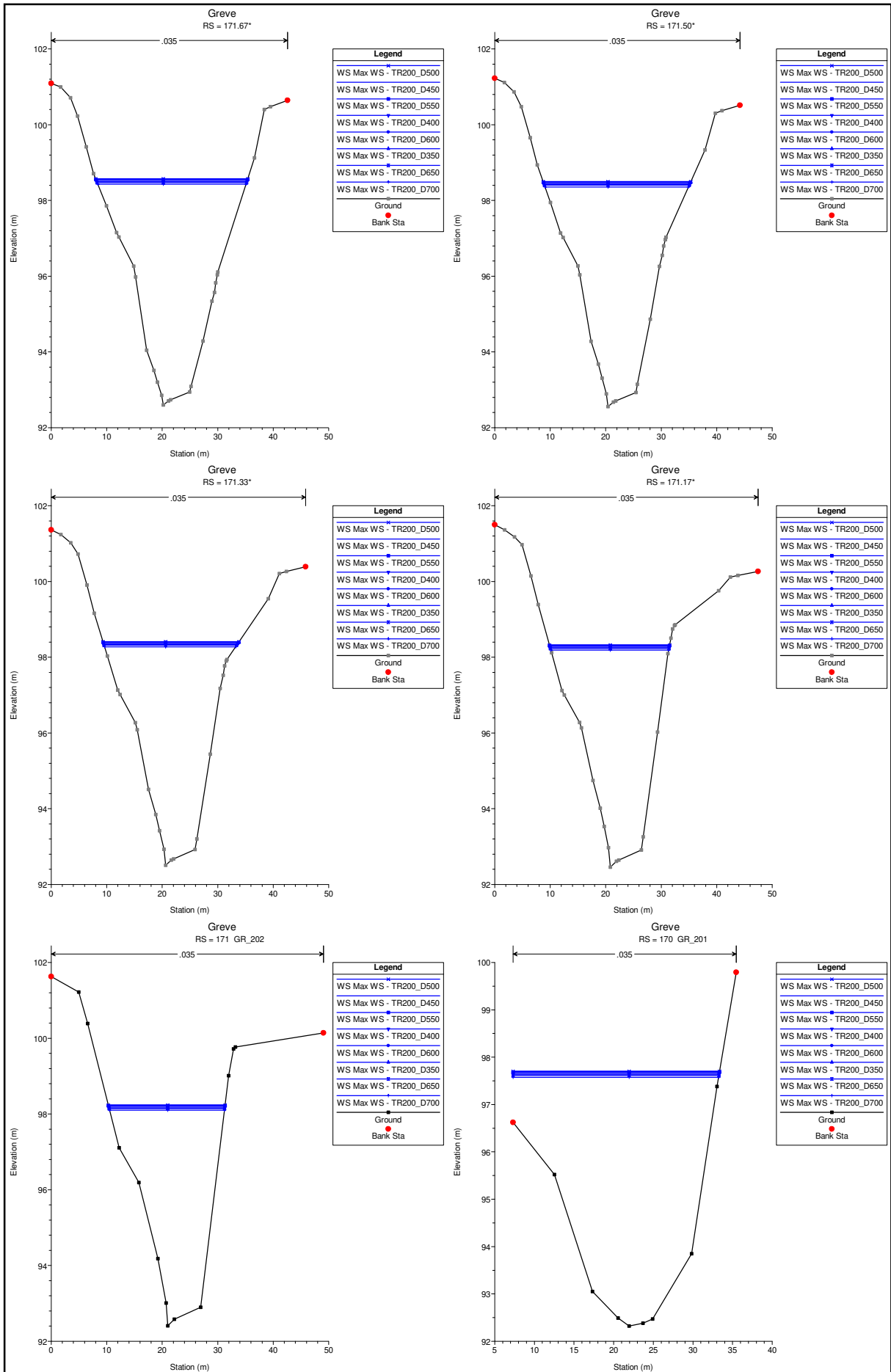


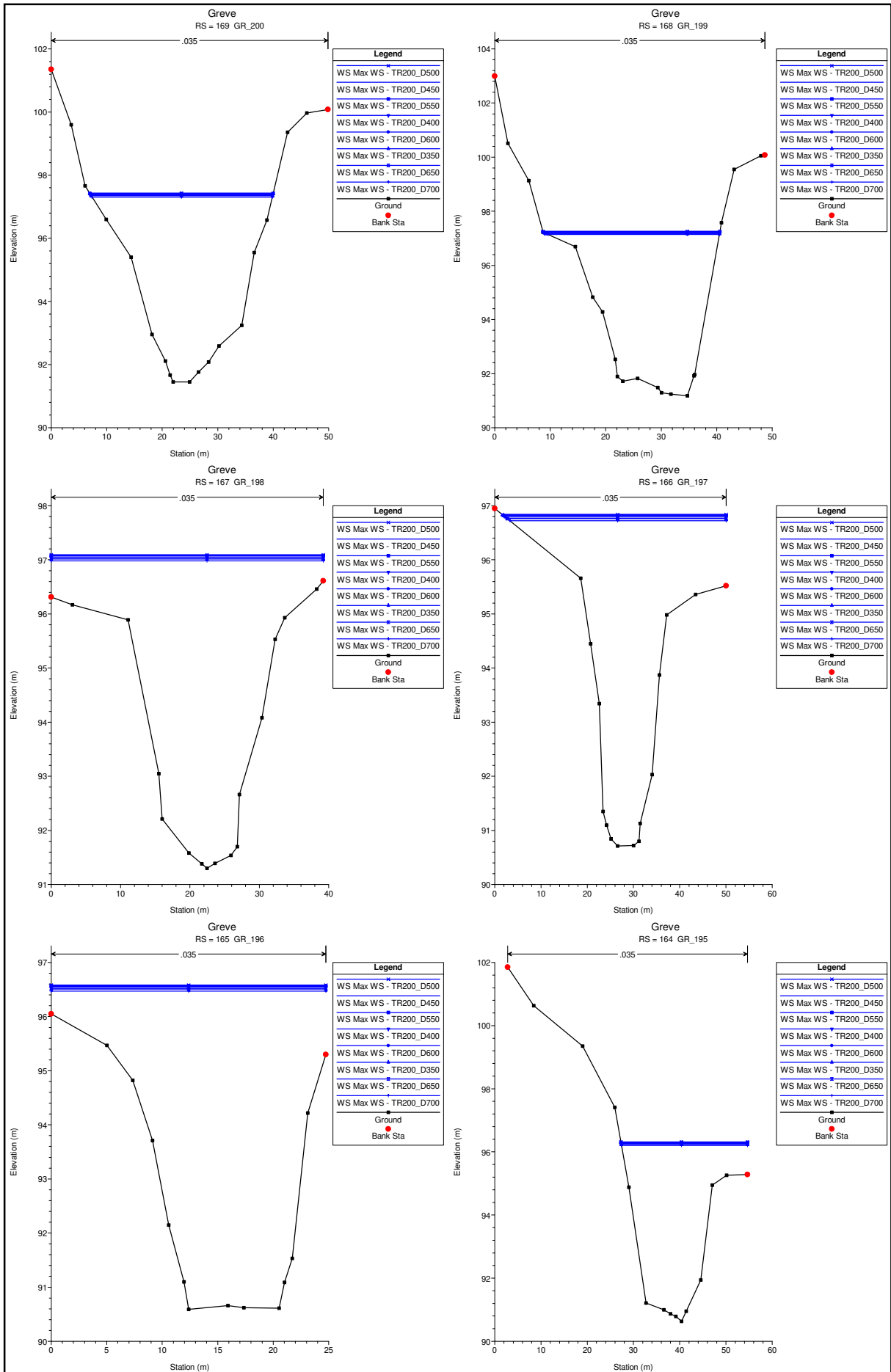


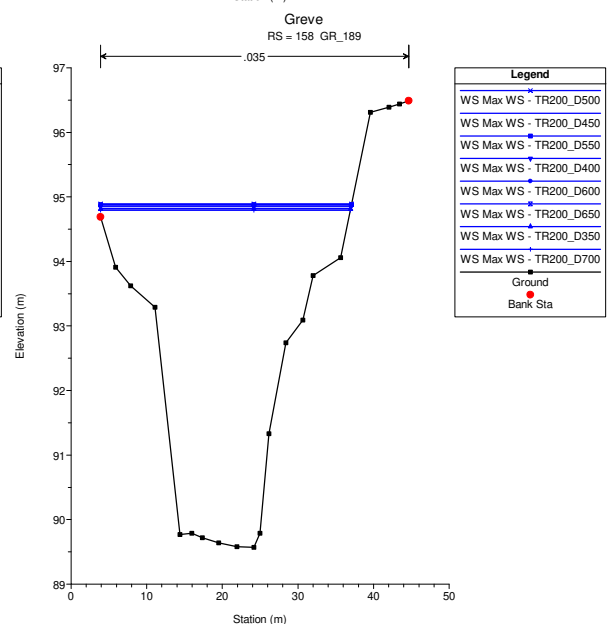
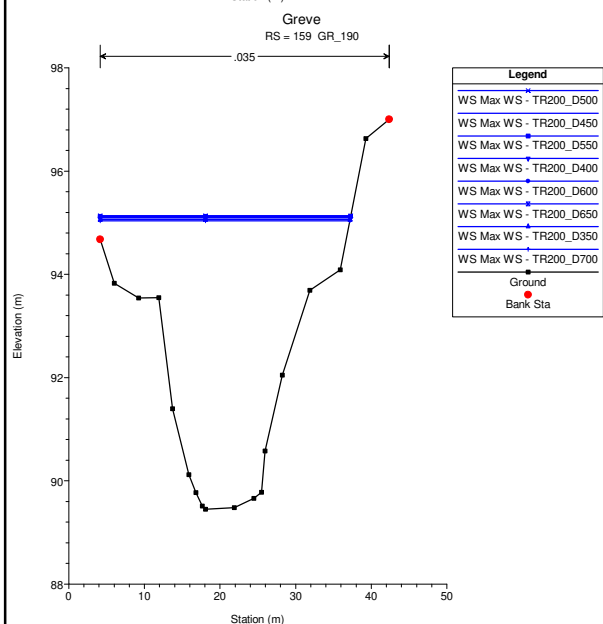
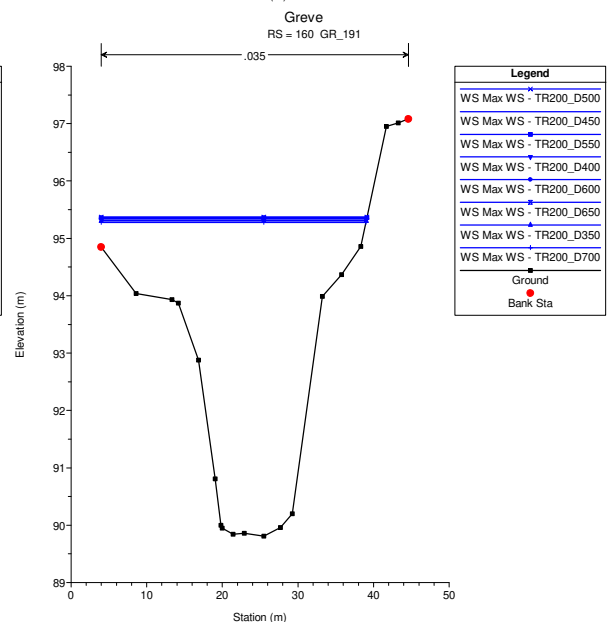
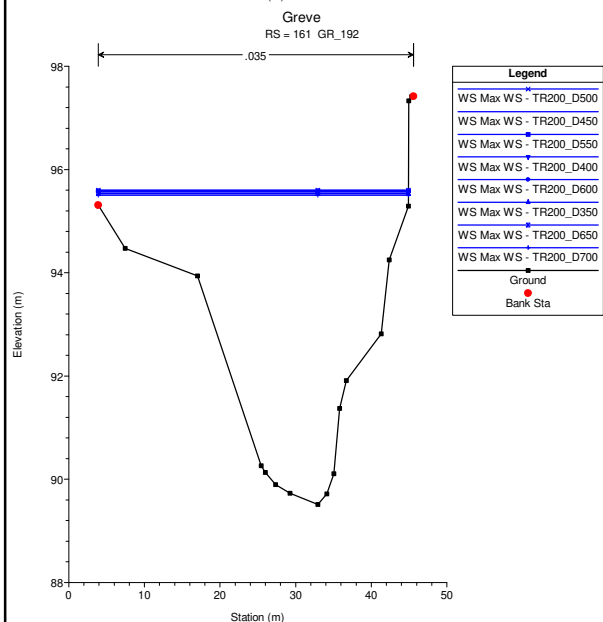
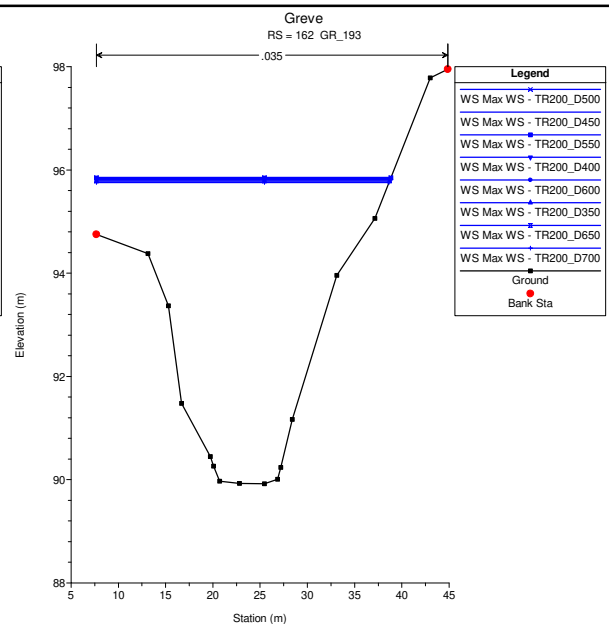
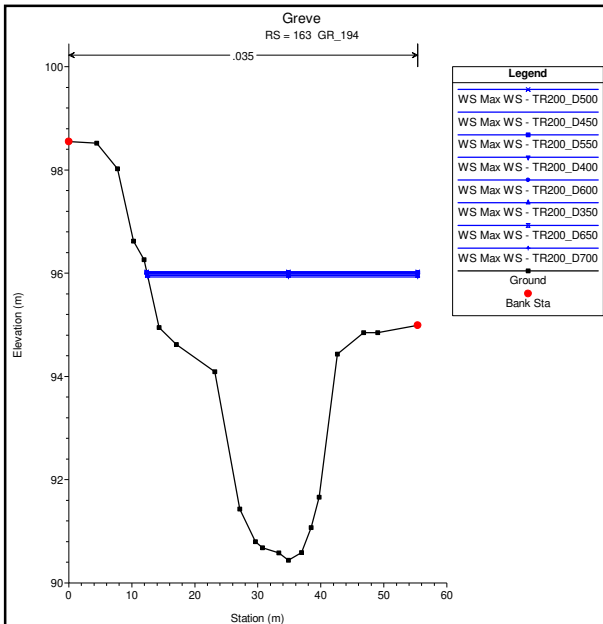


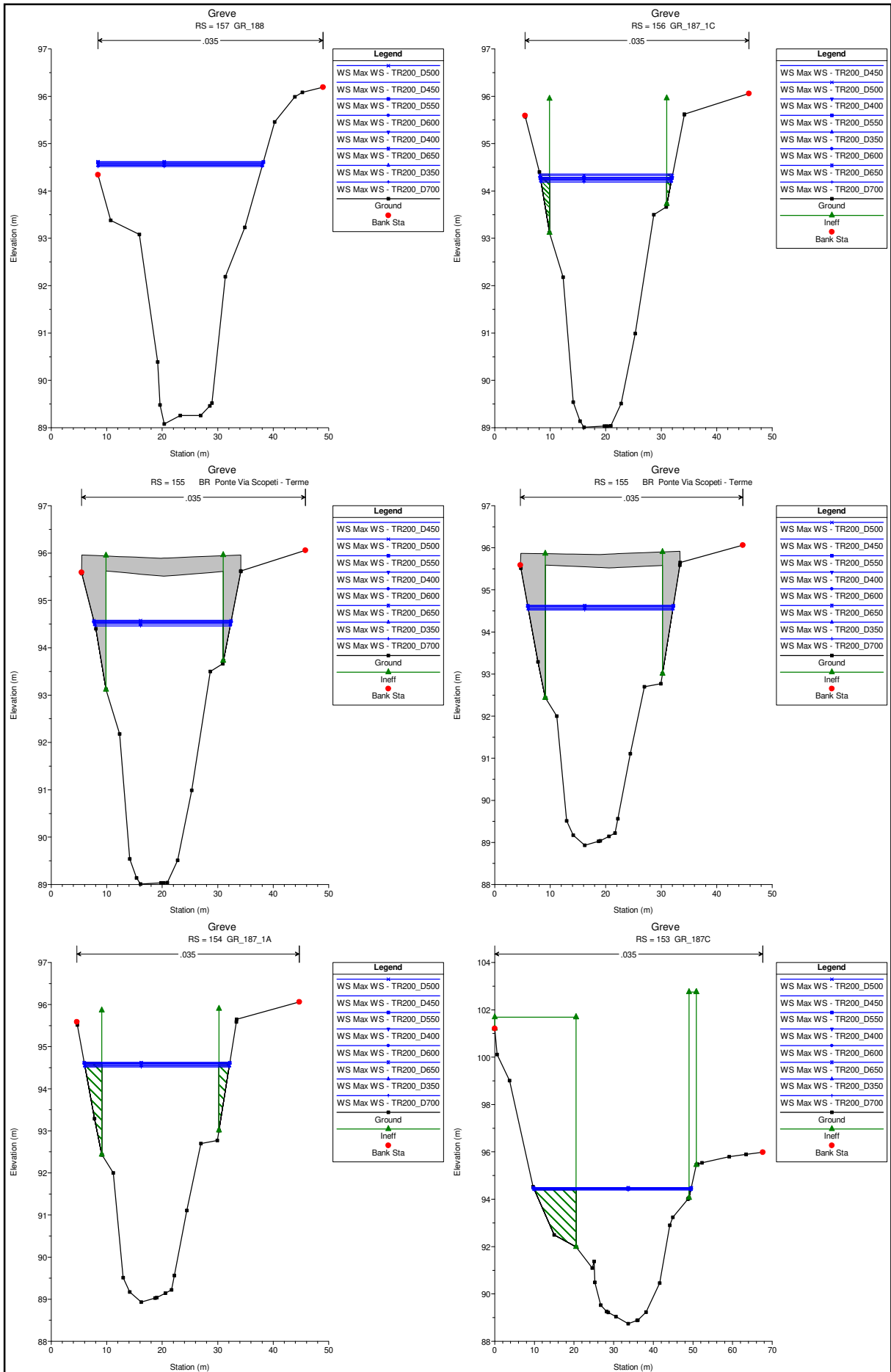


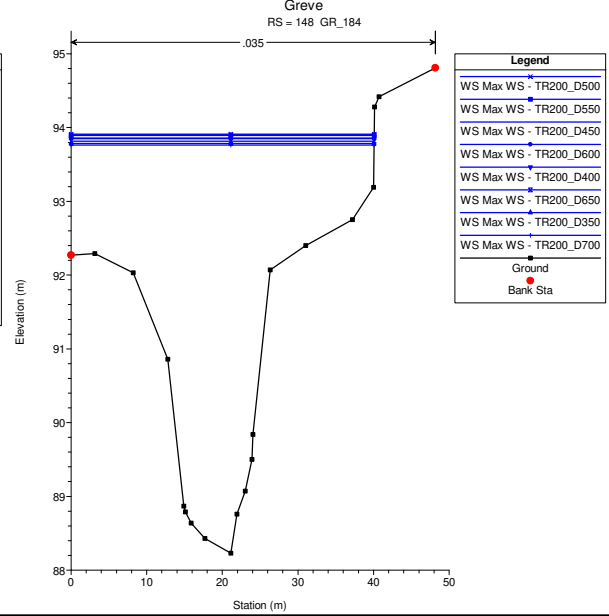
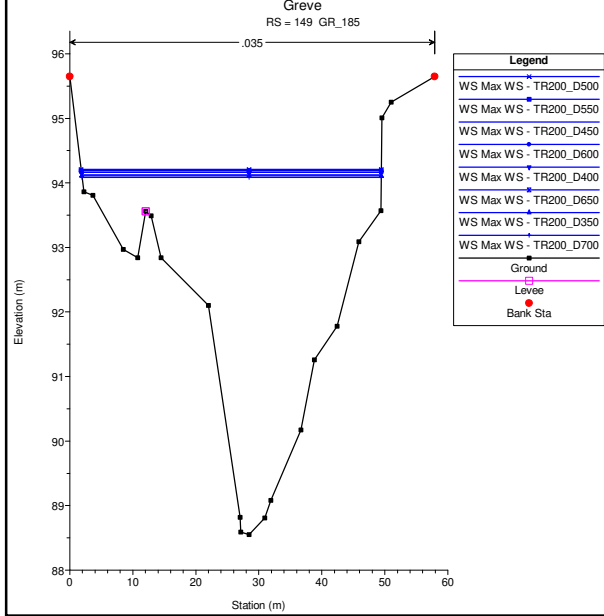
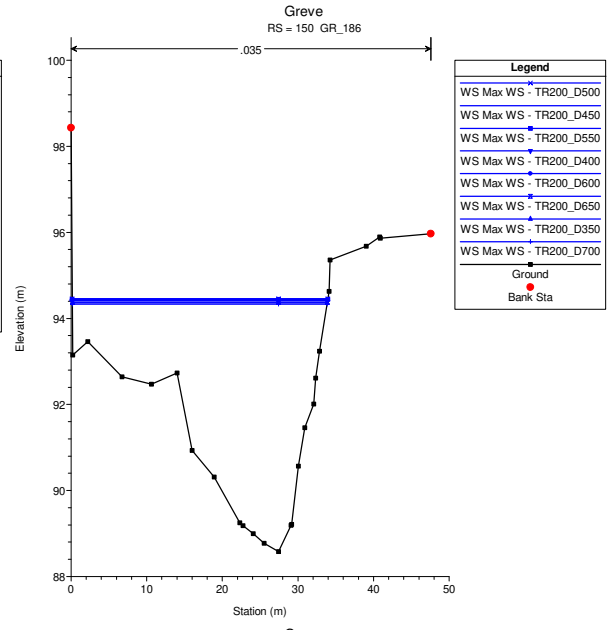
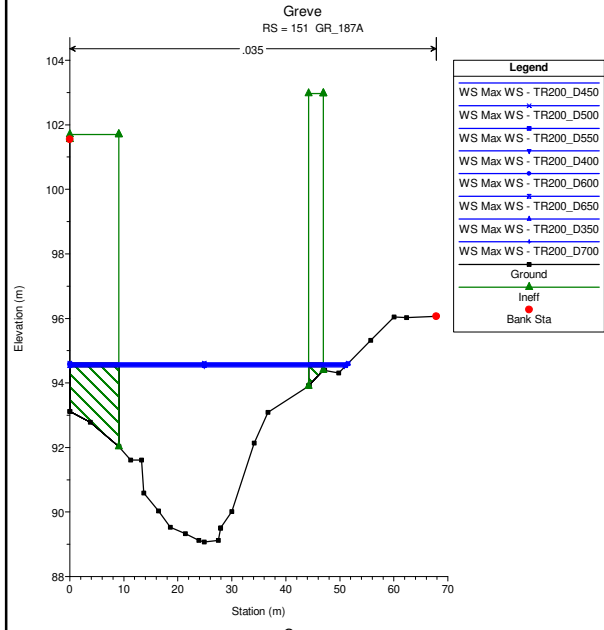
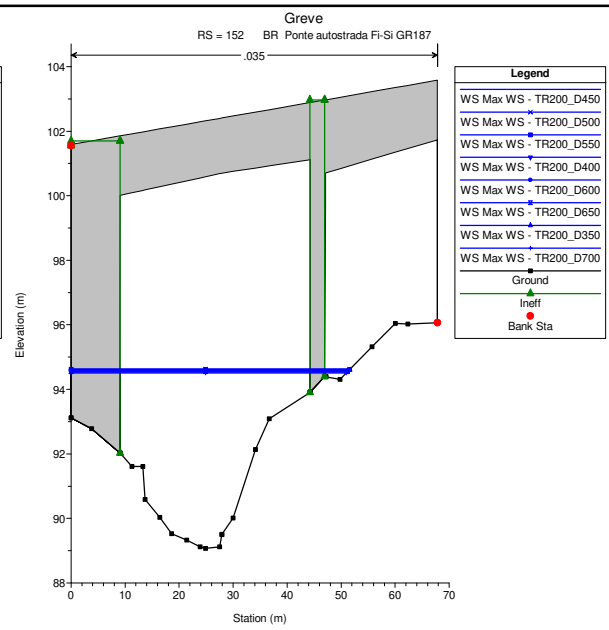
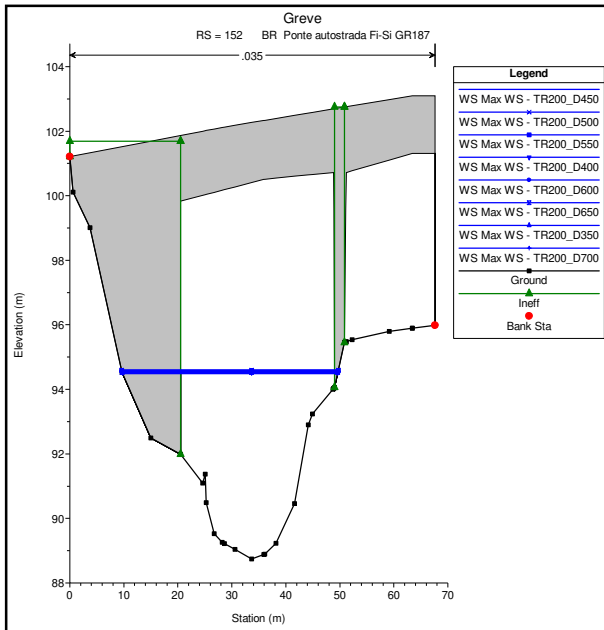


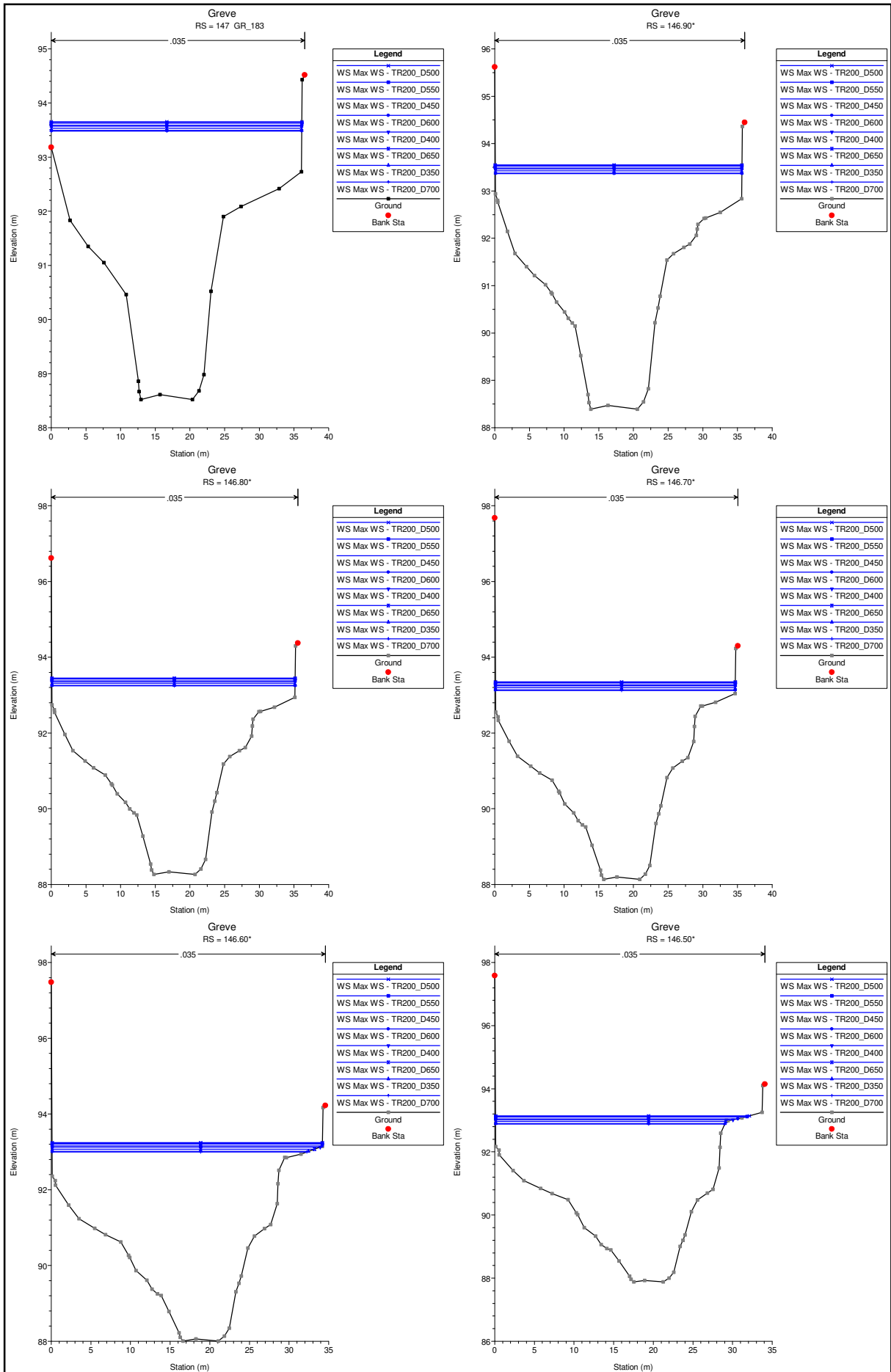


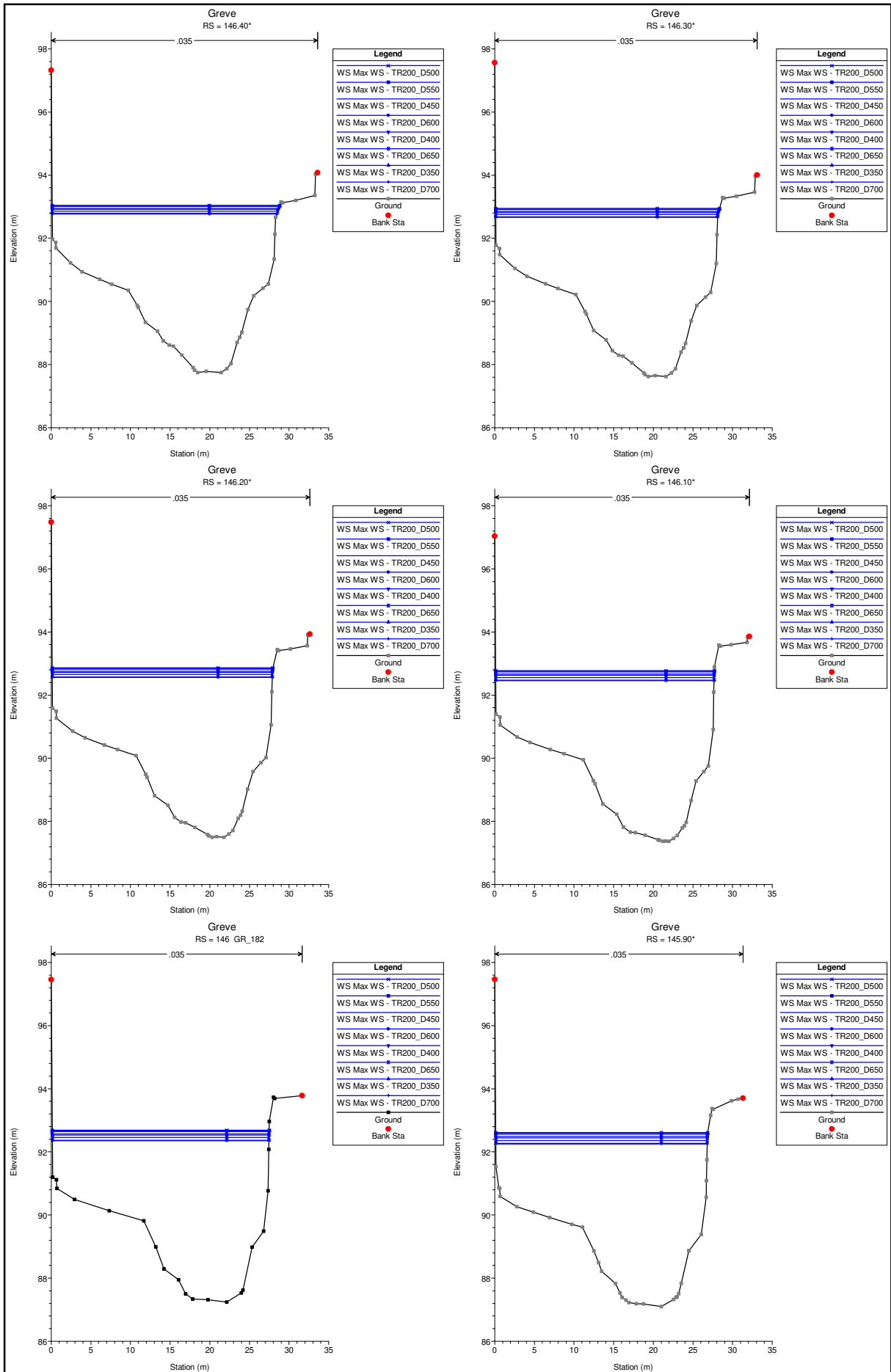


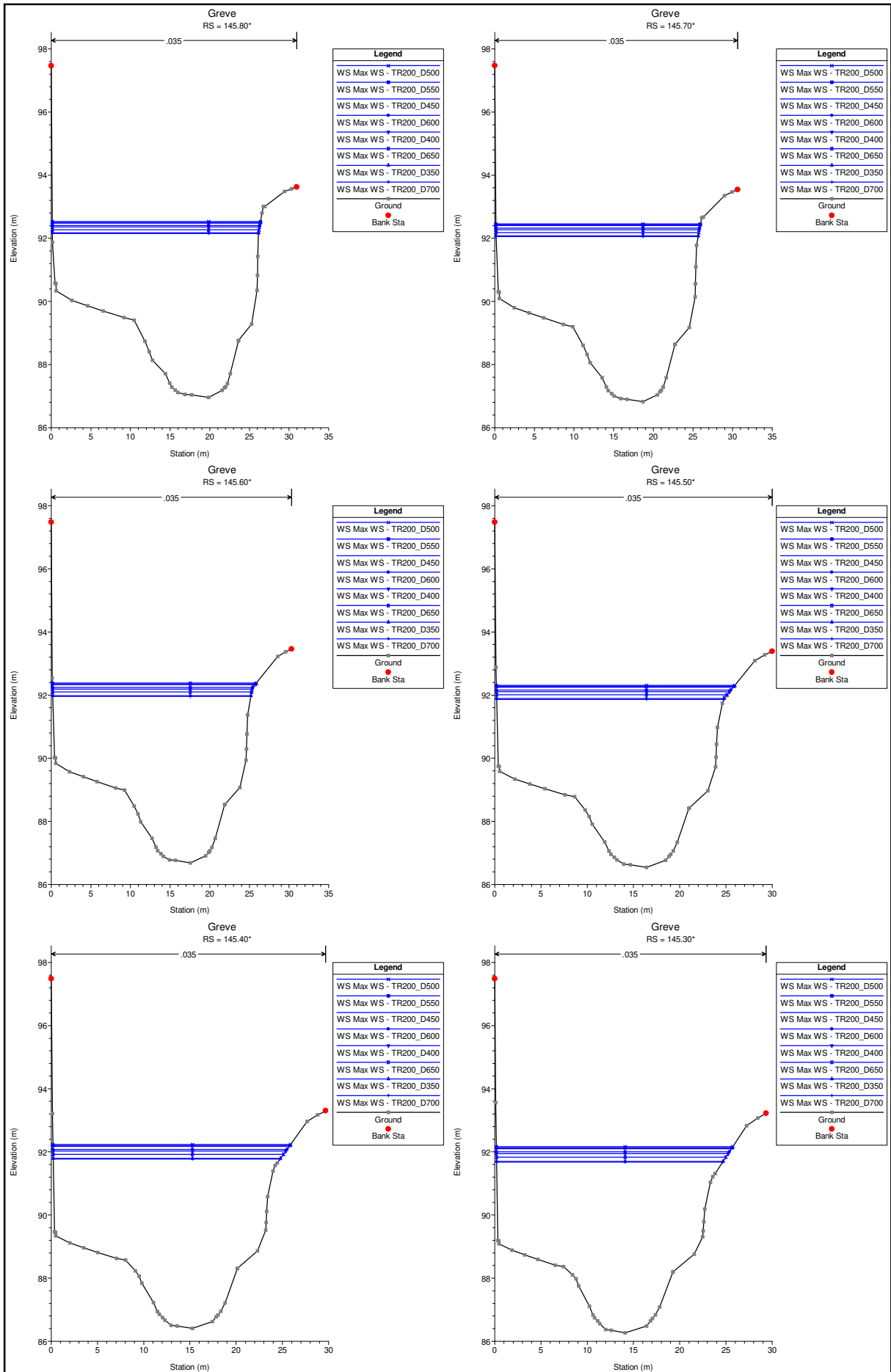


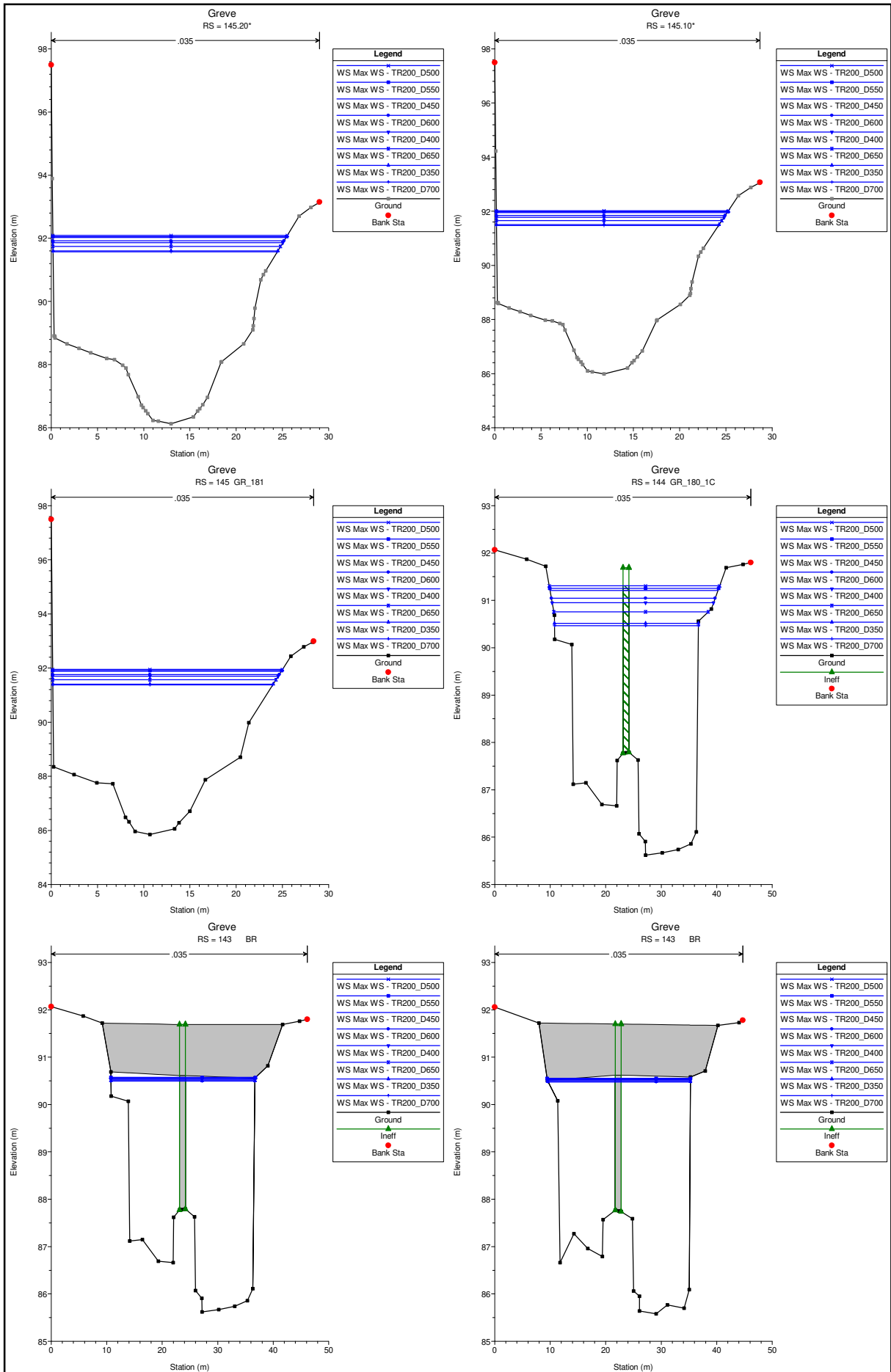


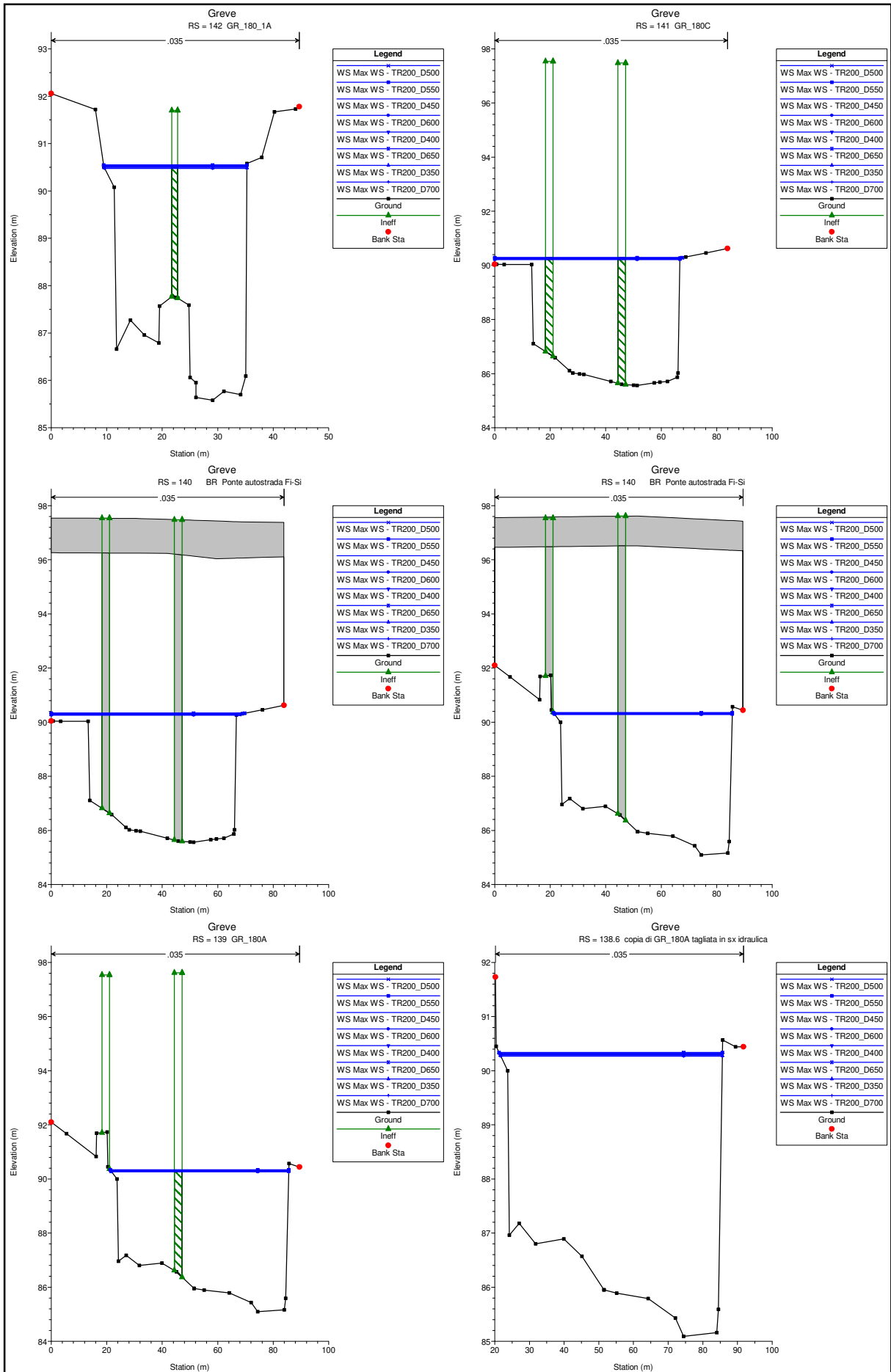


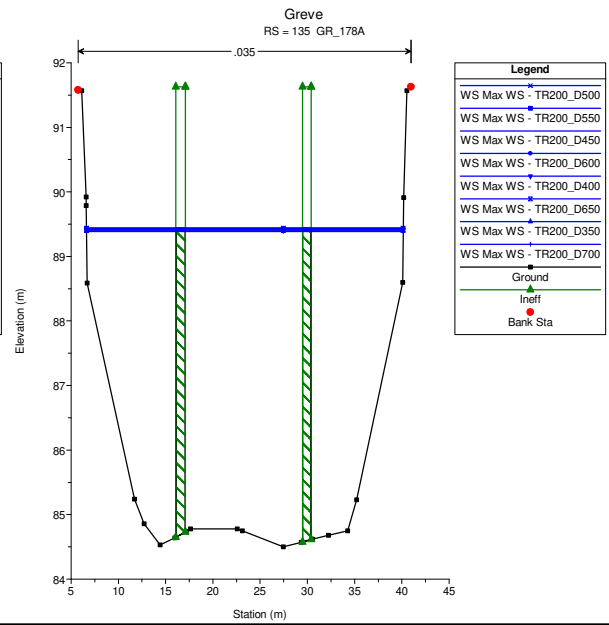
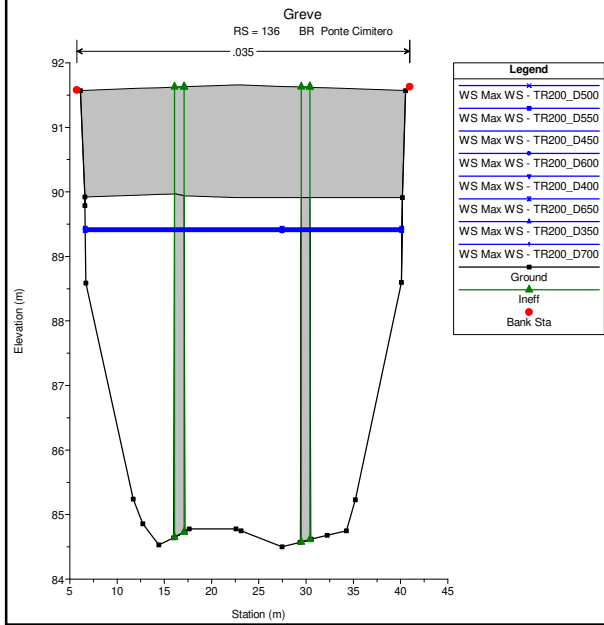
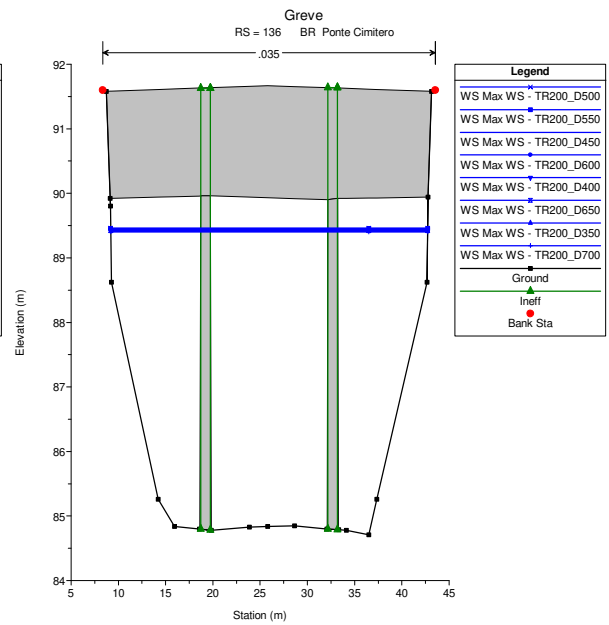
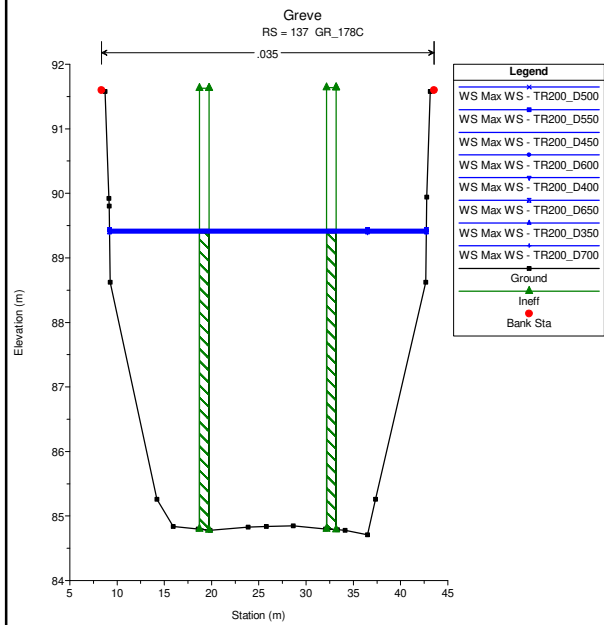
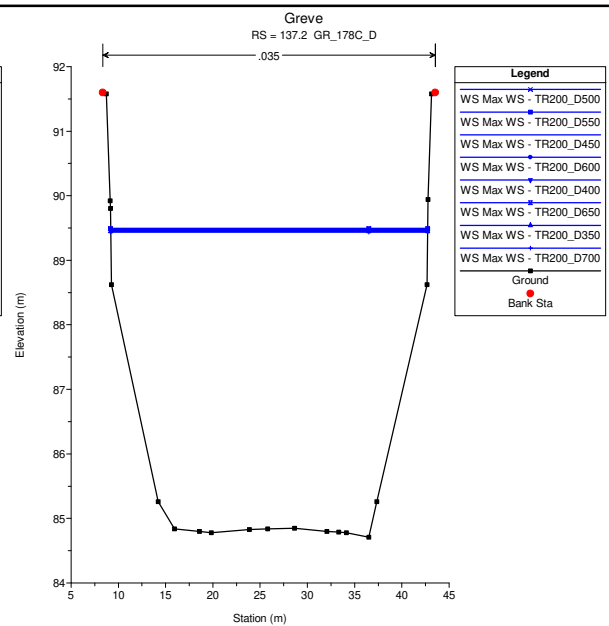
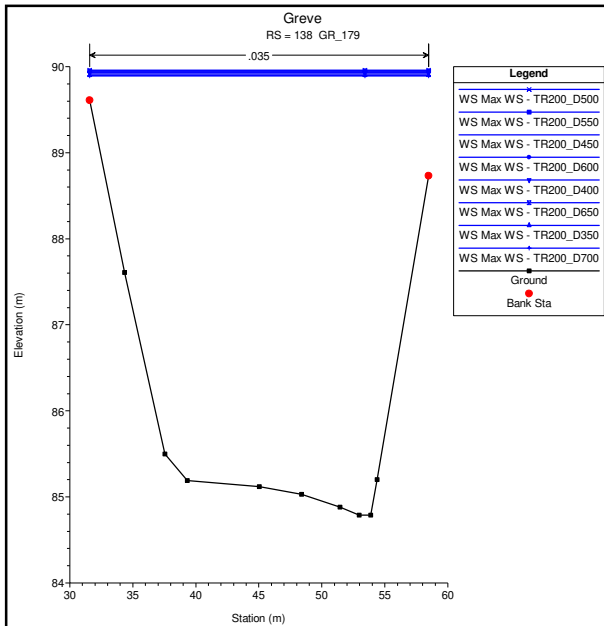


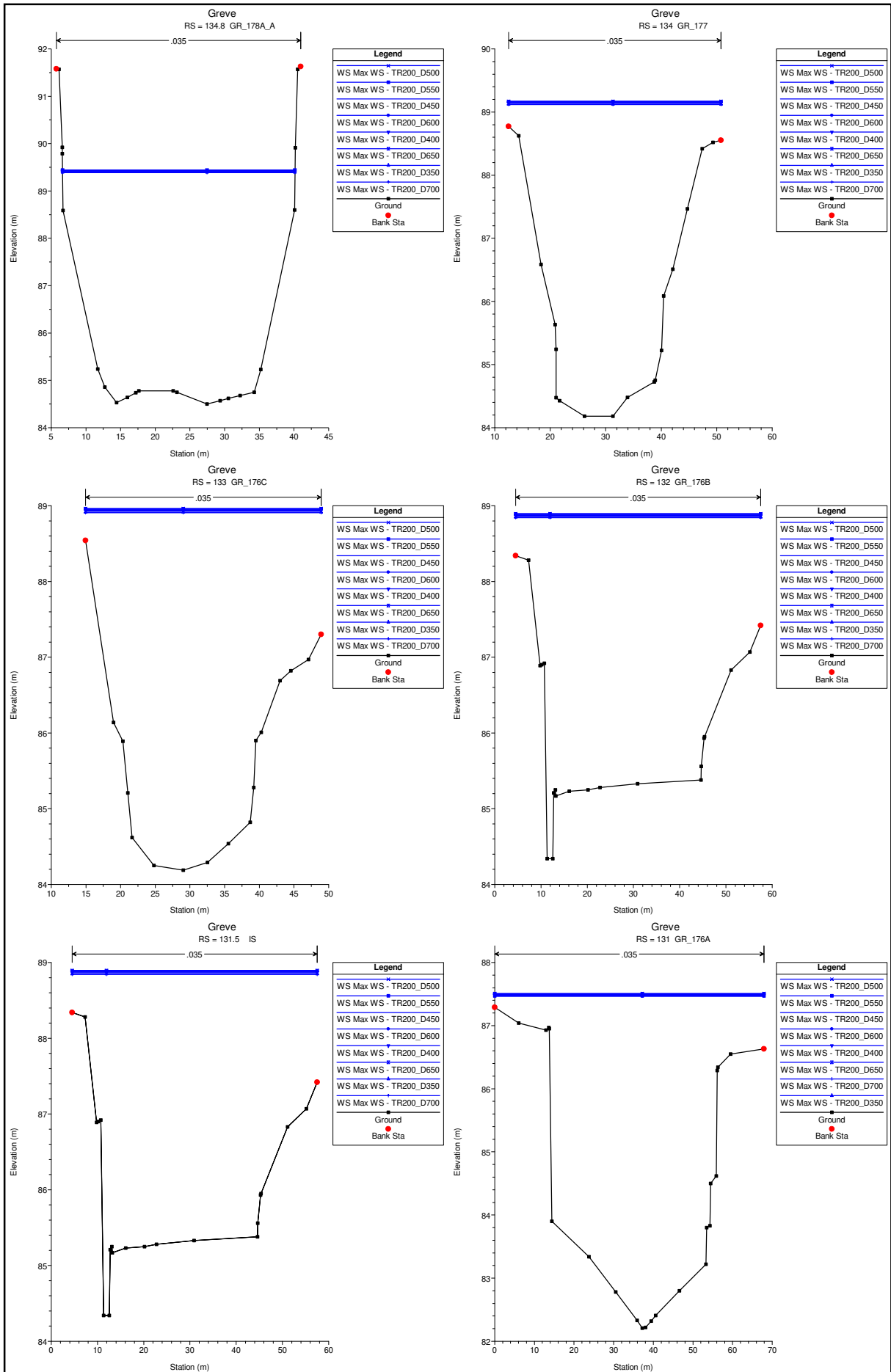


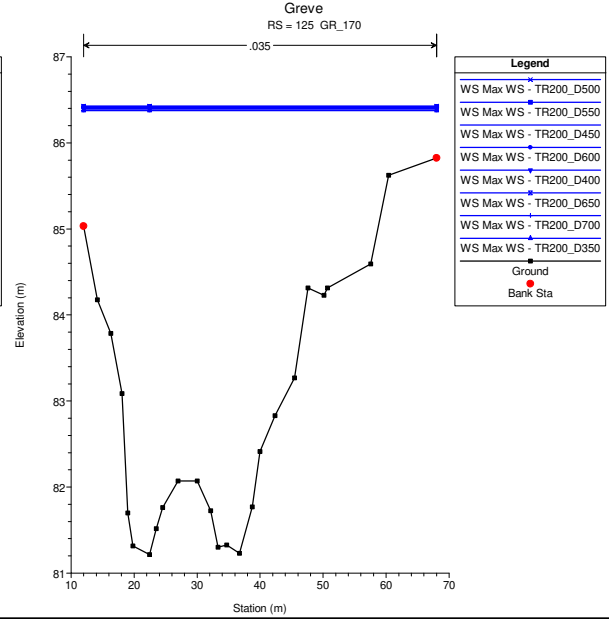
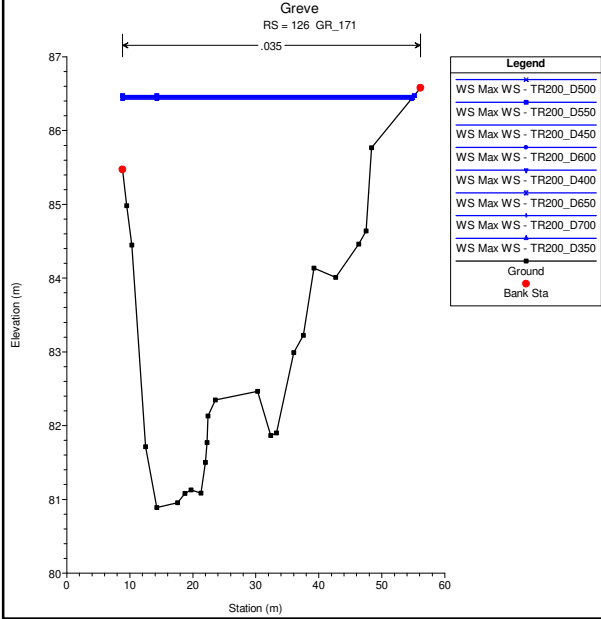
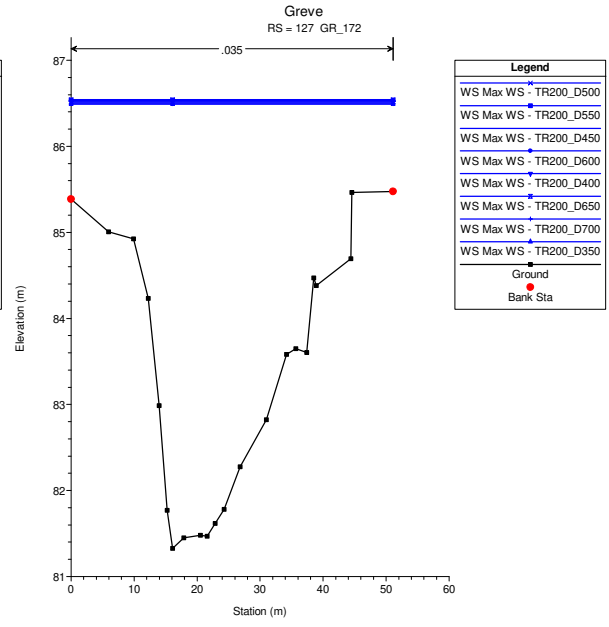
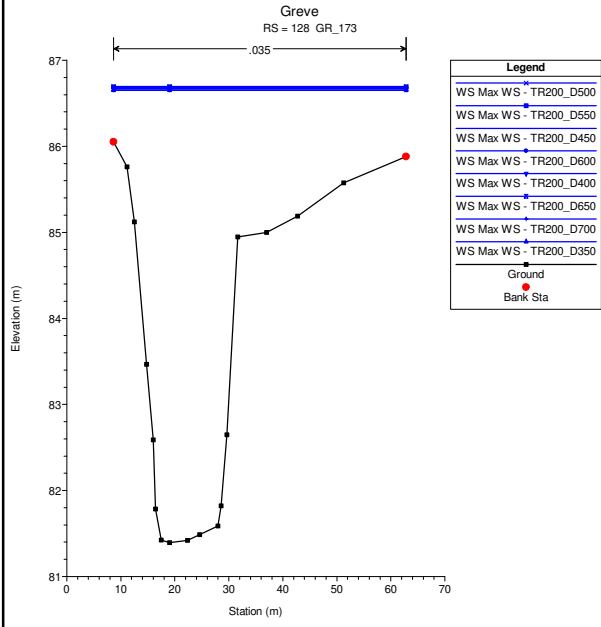
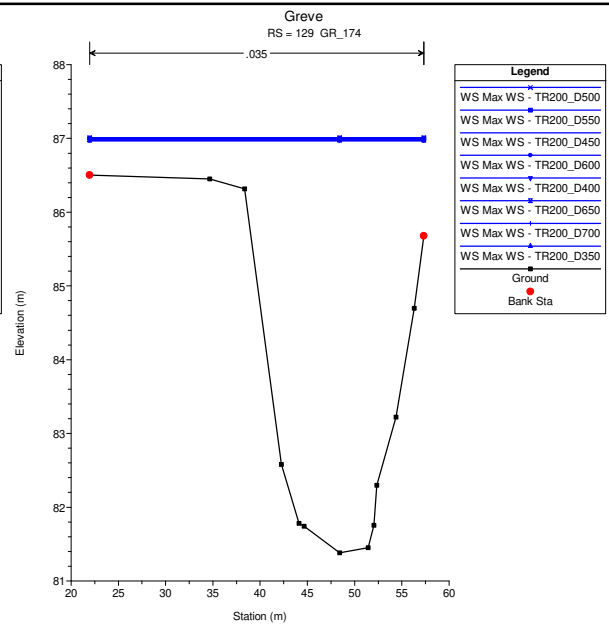
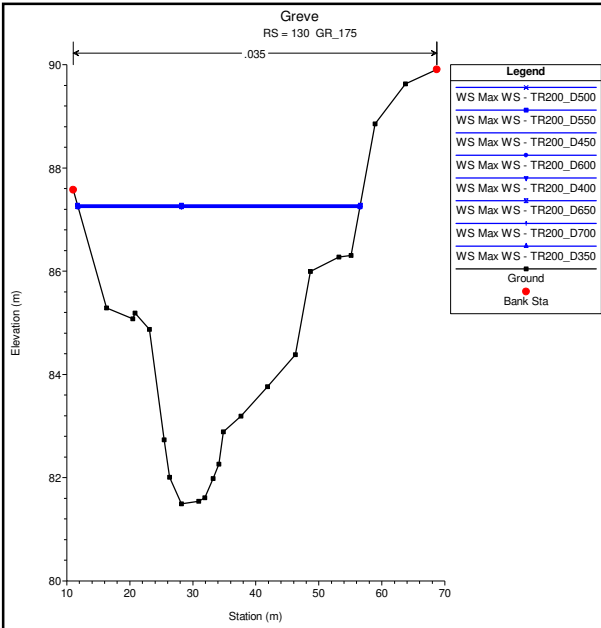


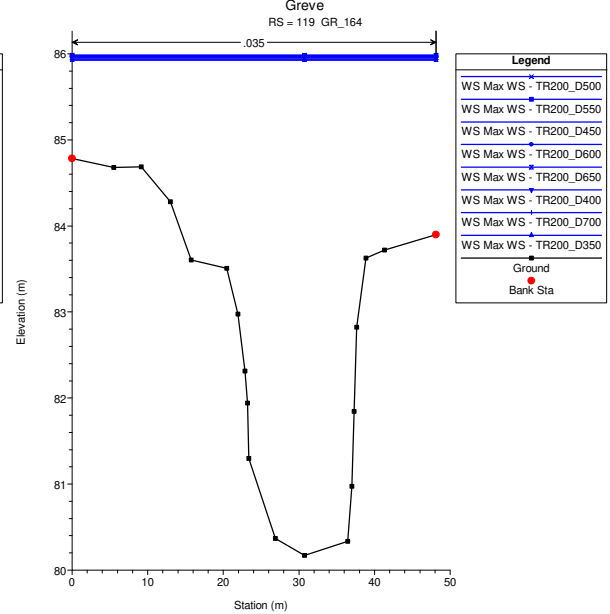
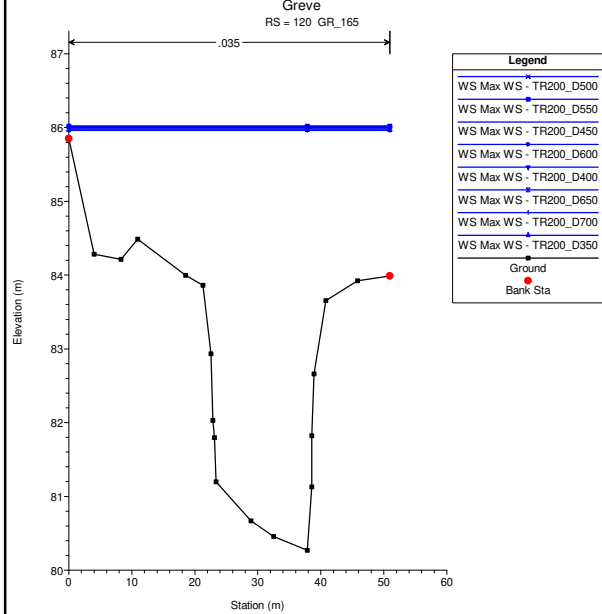
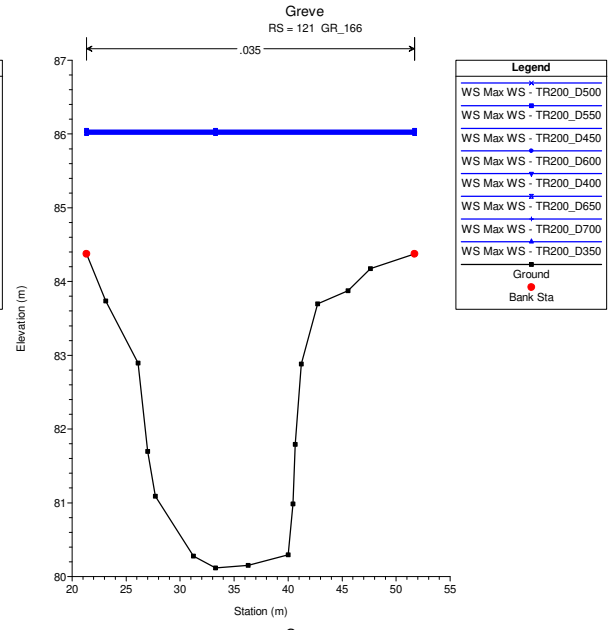
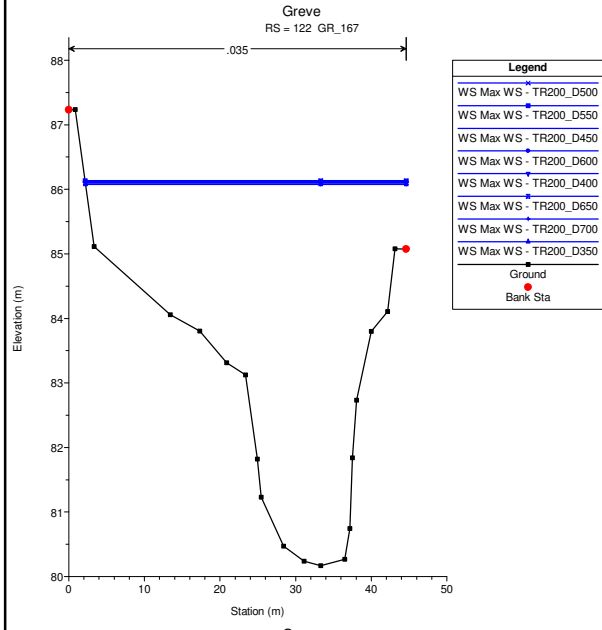
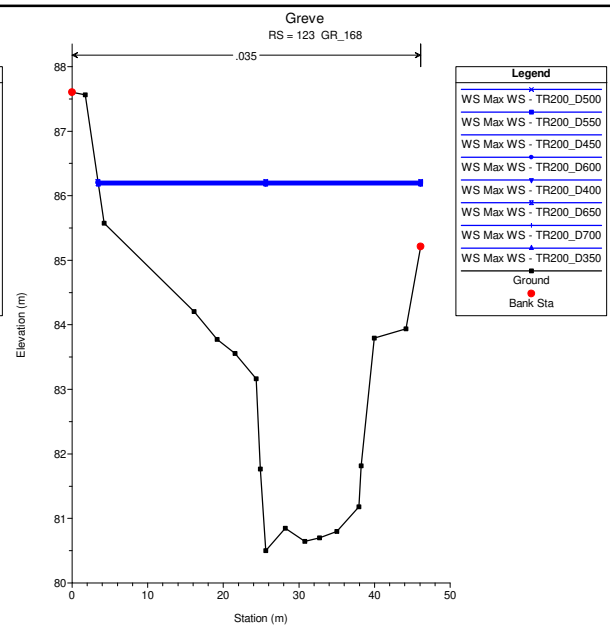
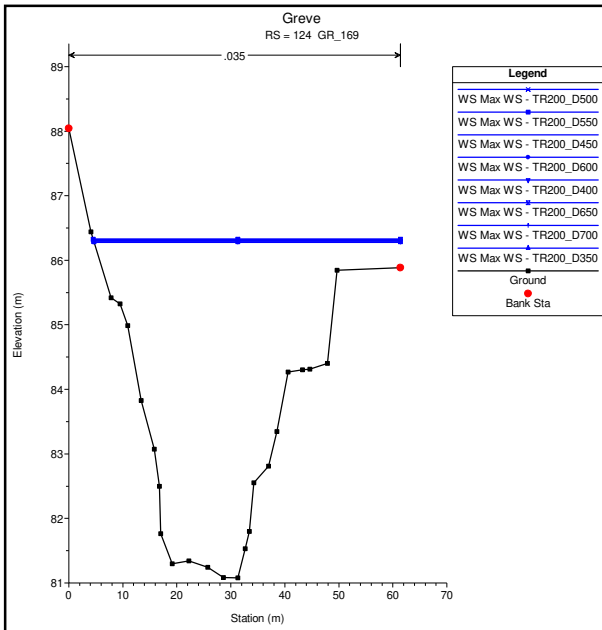


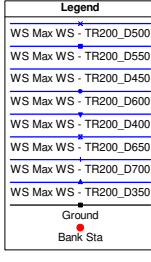
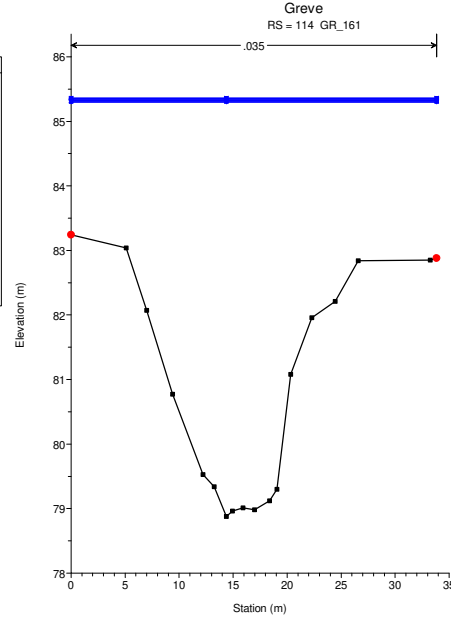
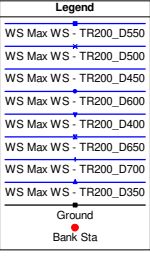
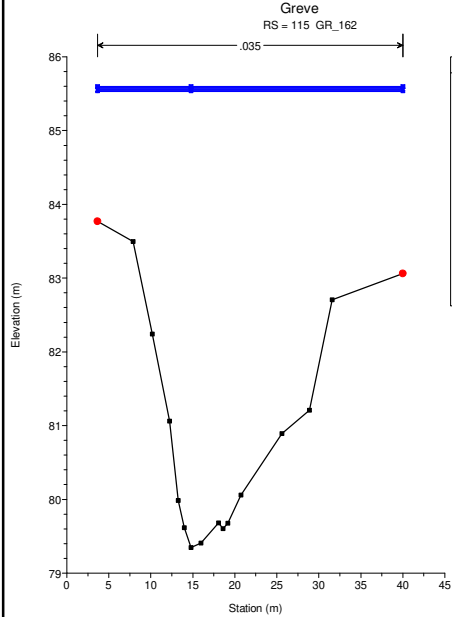
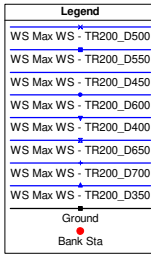
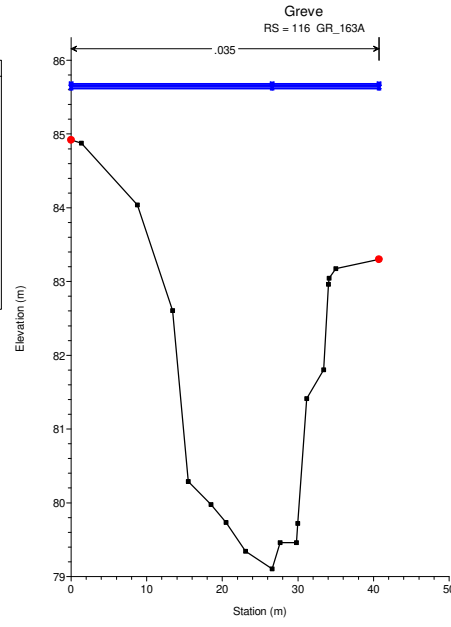
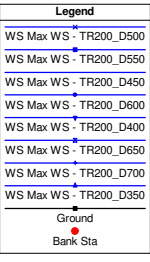
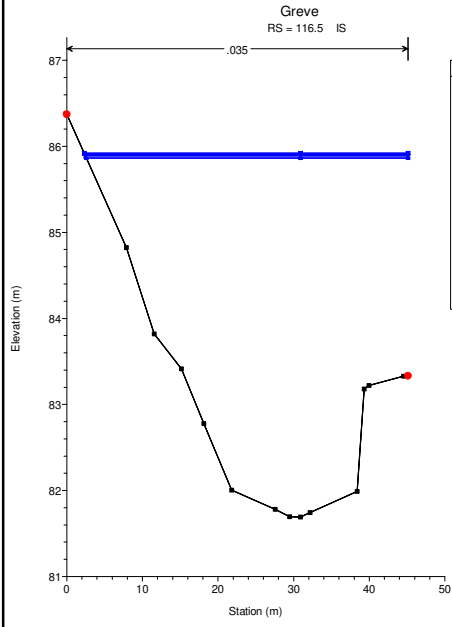
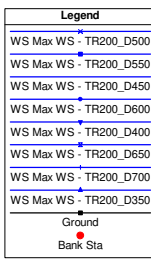
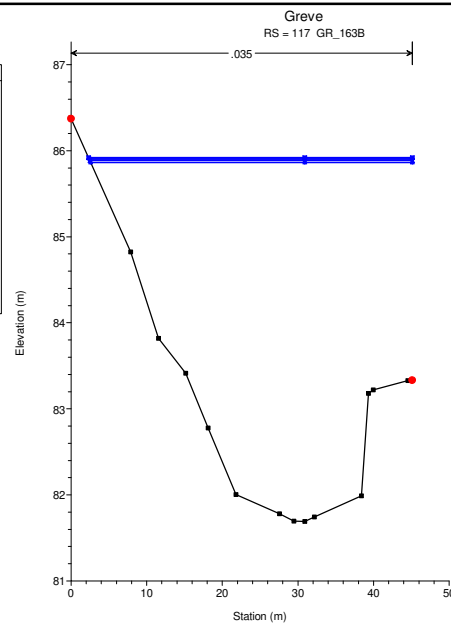
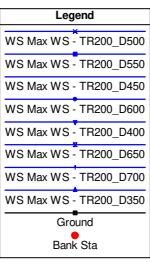
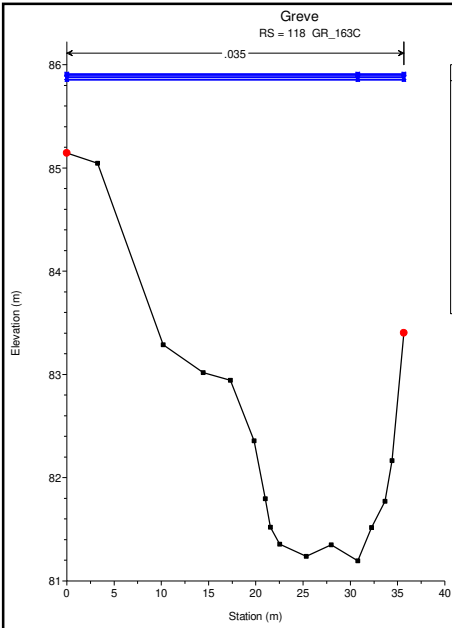


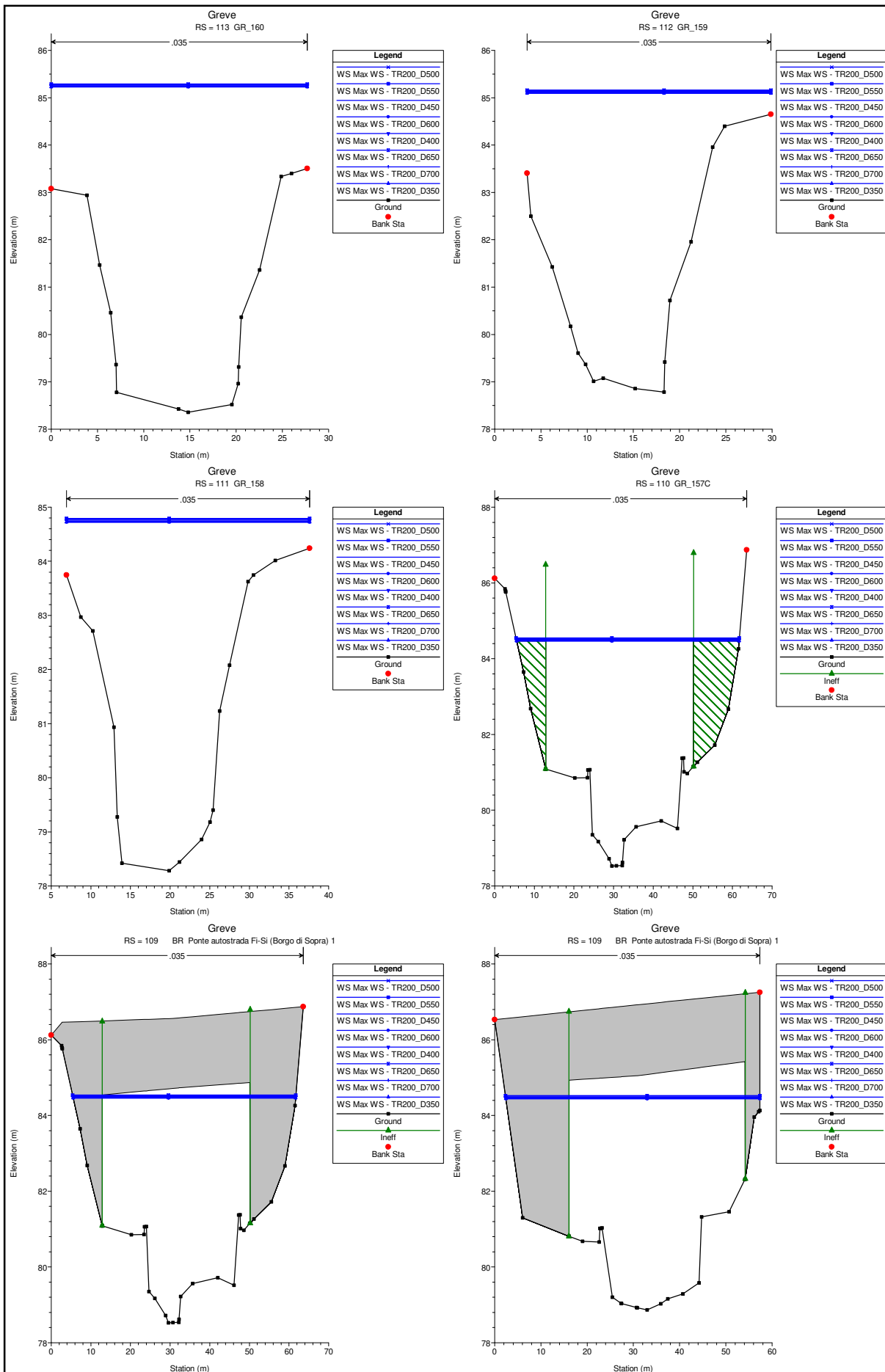


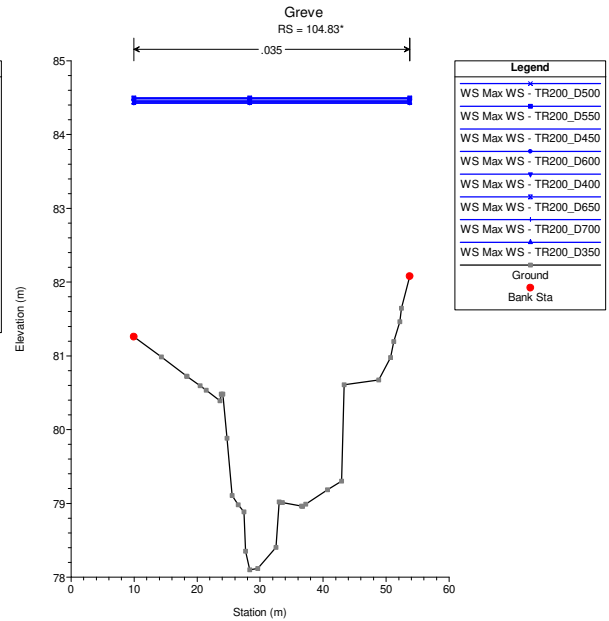
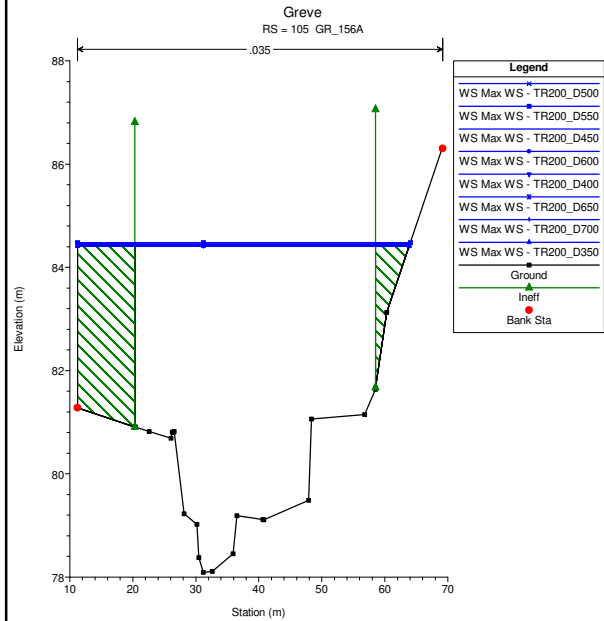
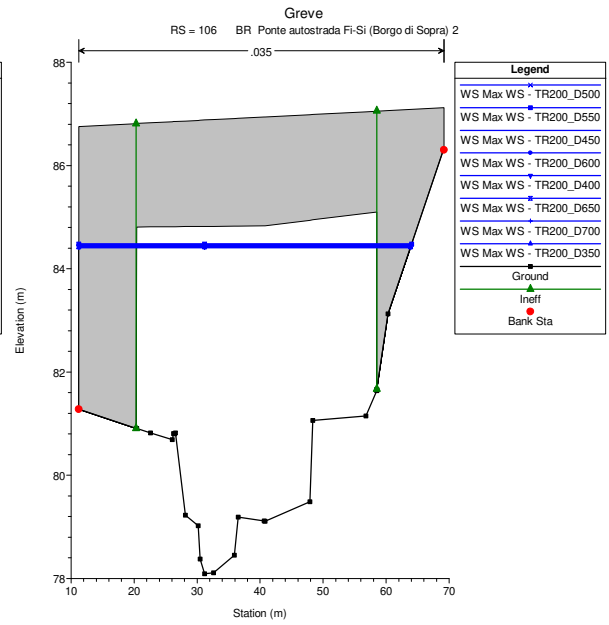
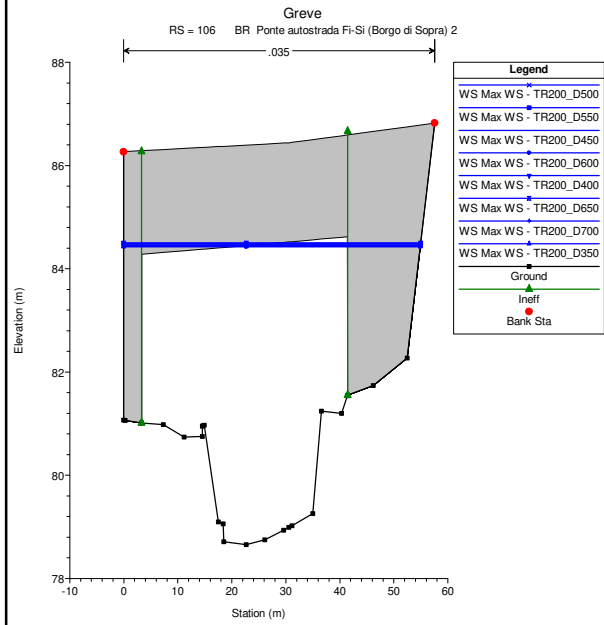
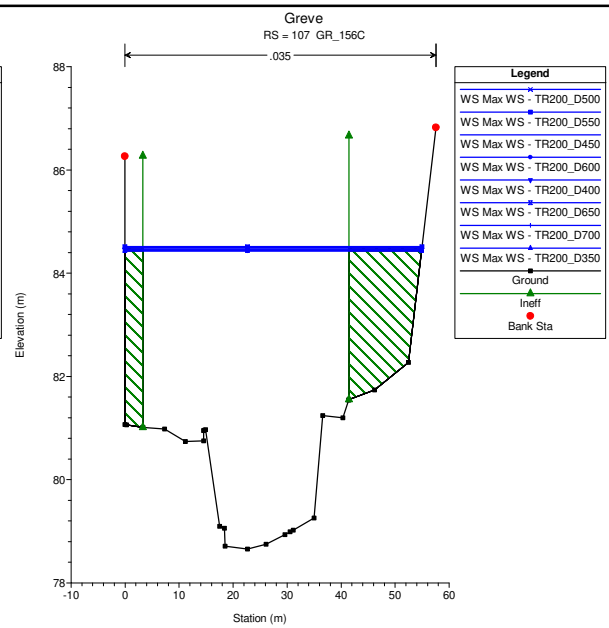
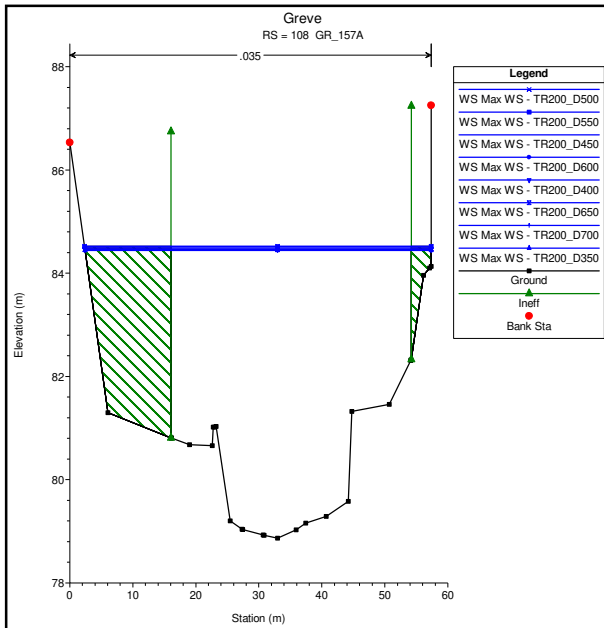


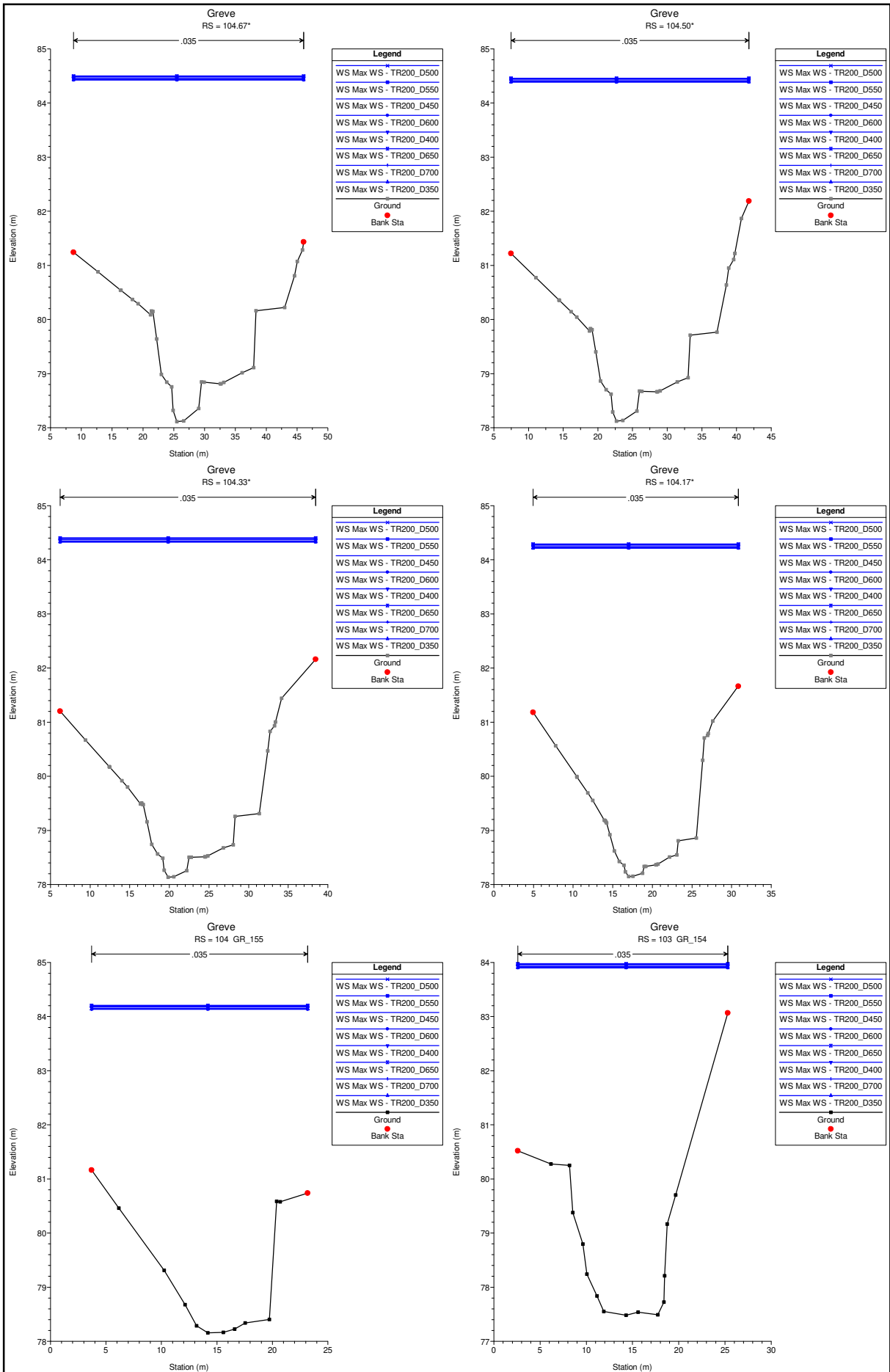


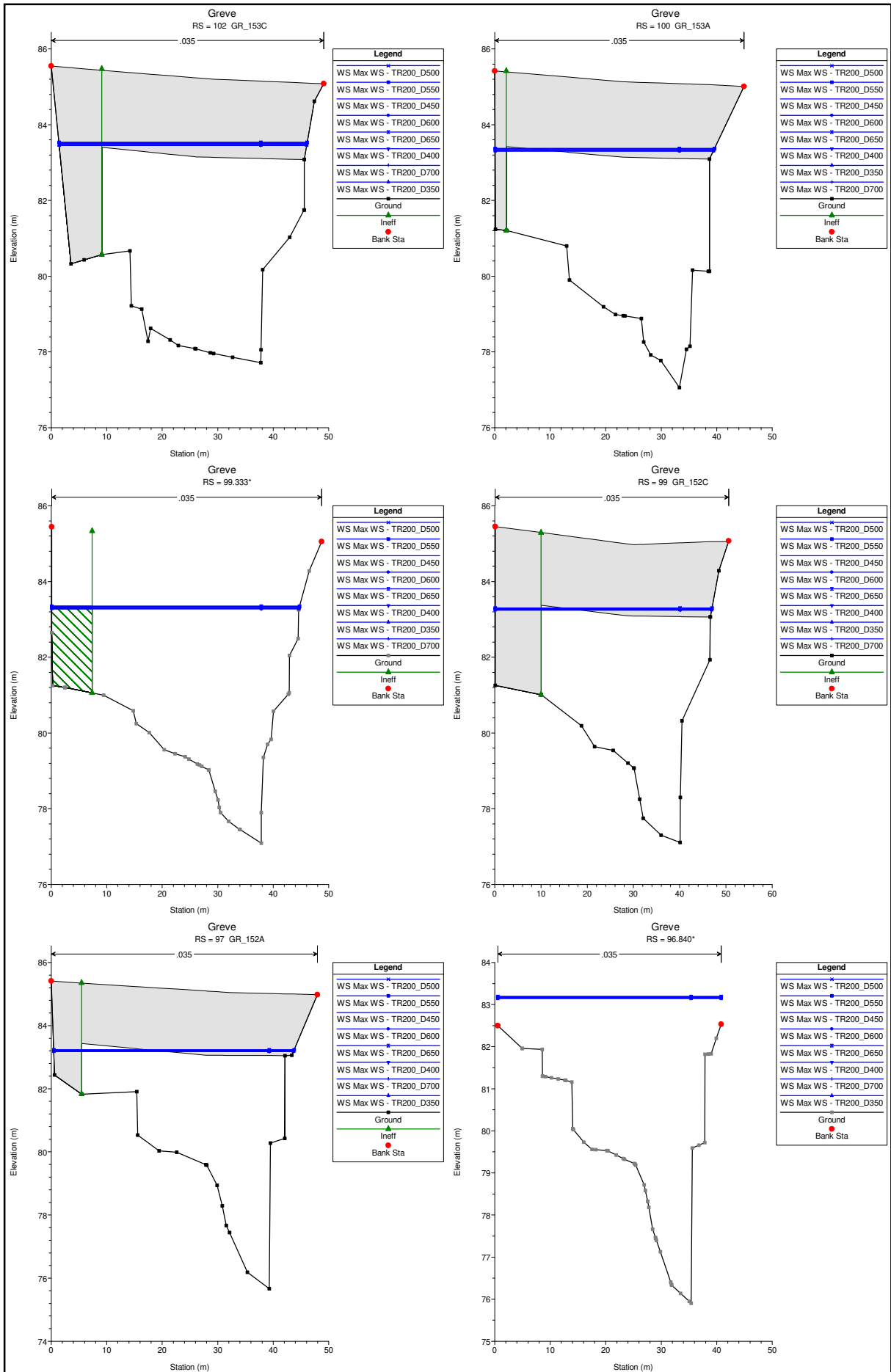


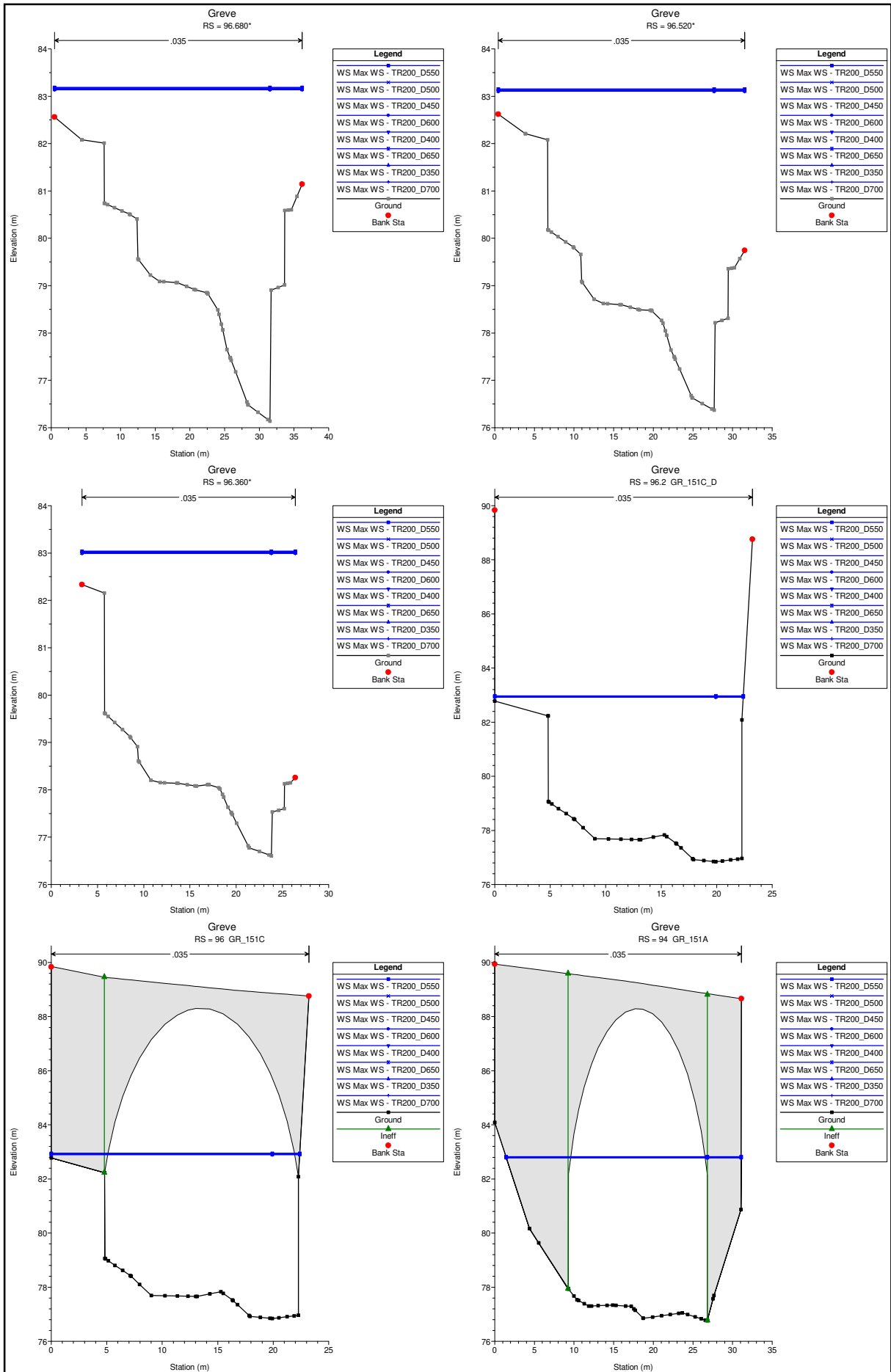


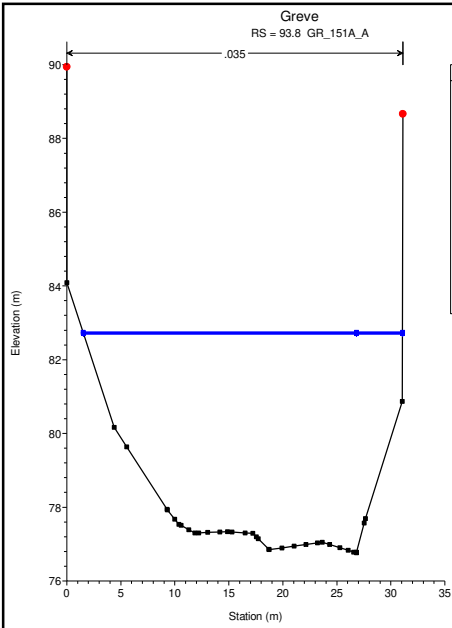




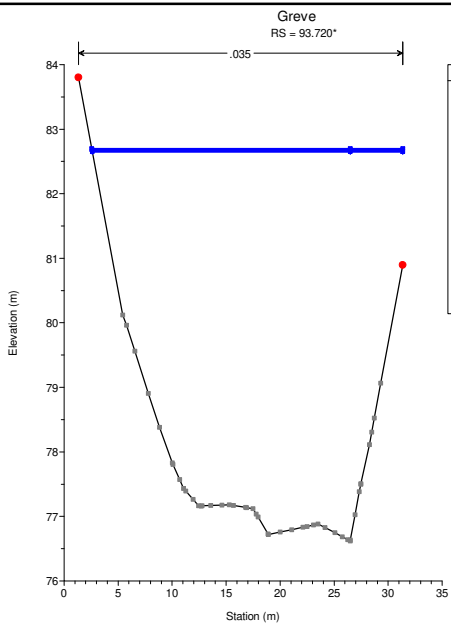




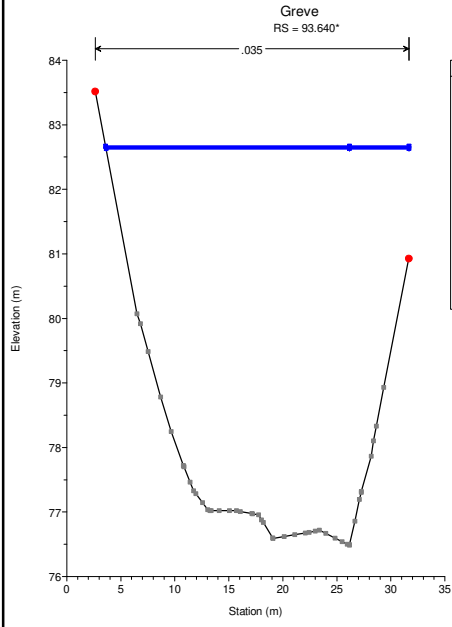




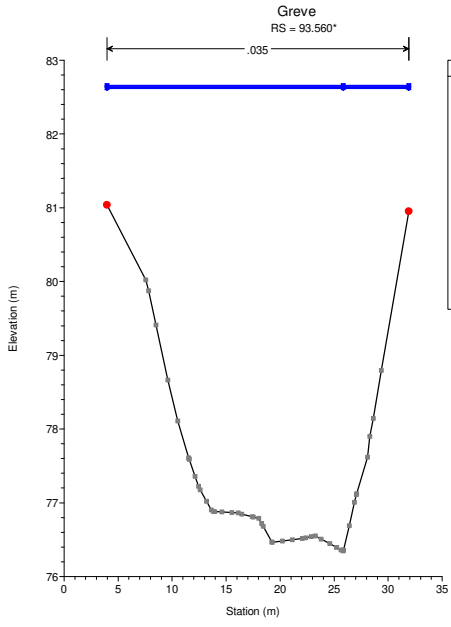
Legend	
WS Max WS - TR200_D550	→
WS Max WS - TR200_D500	→
WS Max WS - TR200_D450	→
WS Max WS - TR200_D600	→
WS Max WS - TR200_D650	→
WS Max WS - TR200_D400	→
WS Max WS - TR200_D350	→
WS Max WS - TR200_D700	→
Ground	●
Bank Sta	●



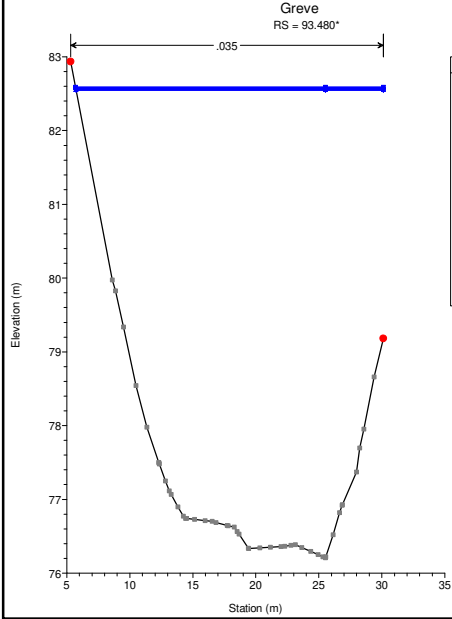
Legend	
WS Max WS - TR200_D550	→
WS Max WS - TR200_D500	→
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WS Max WS - TR200_D600	→
WS Max WS - TR200_D350	→
WS Max WS - TR200_D400	→
WS Max WS - TR200_D650	→
WS Max WS - TR200_D700	→
Ground	●
Bank Sta	●



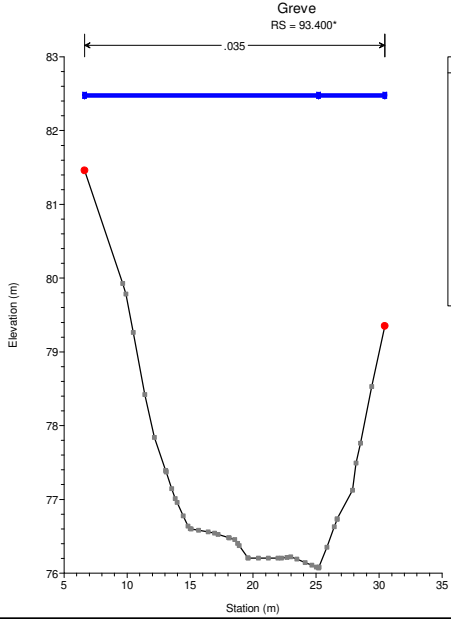
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WS Max WS - TR200_D500	→
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WS Max WS - TR200_D400	→
WS Max WS - TR200_D650	→
WS Max WS - TR200_D350	→
WS Max WS - TR200_D700	→
Ground	●
Bank Sta	●



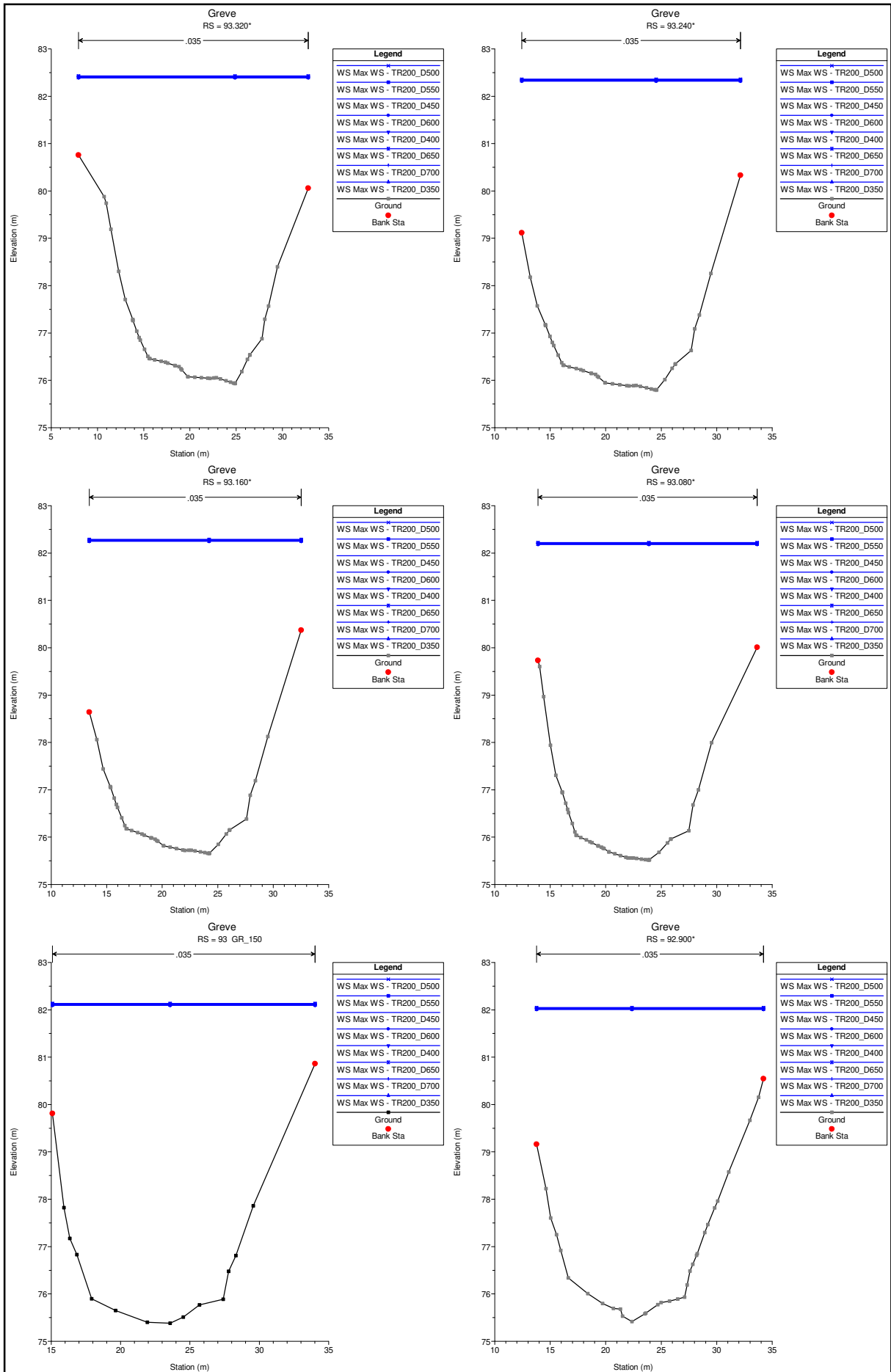
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WS Max WS - TR200_D650	→
WS Max WS - TR200_D400	→
WS Max WS - TR200_D350	→
WS Max WS - TR200_D700	→
Ground	●
Bank Sta	●

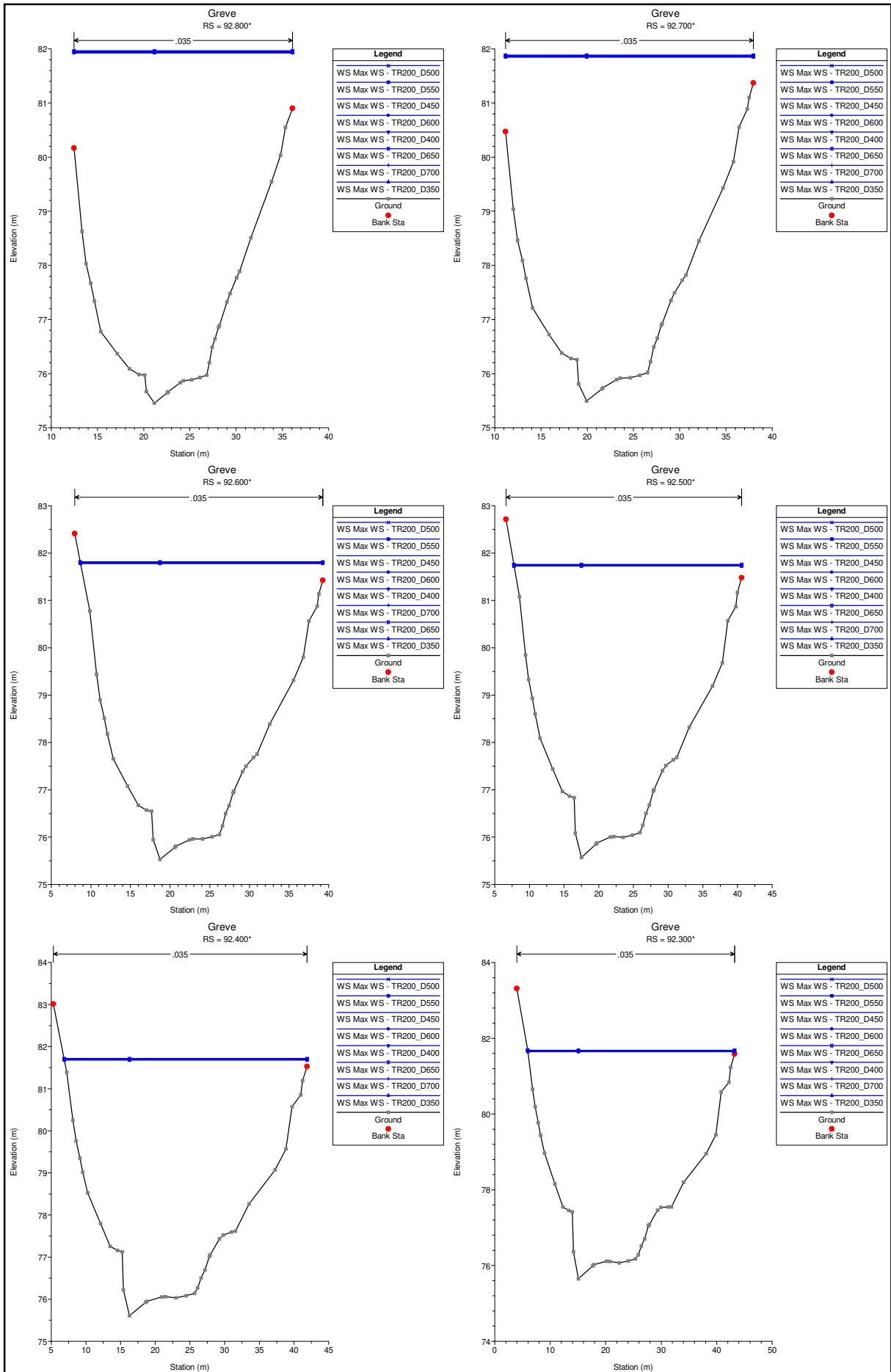


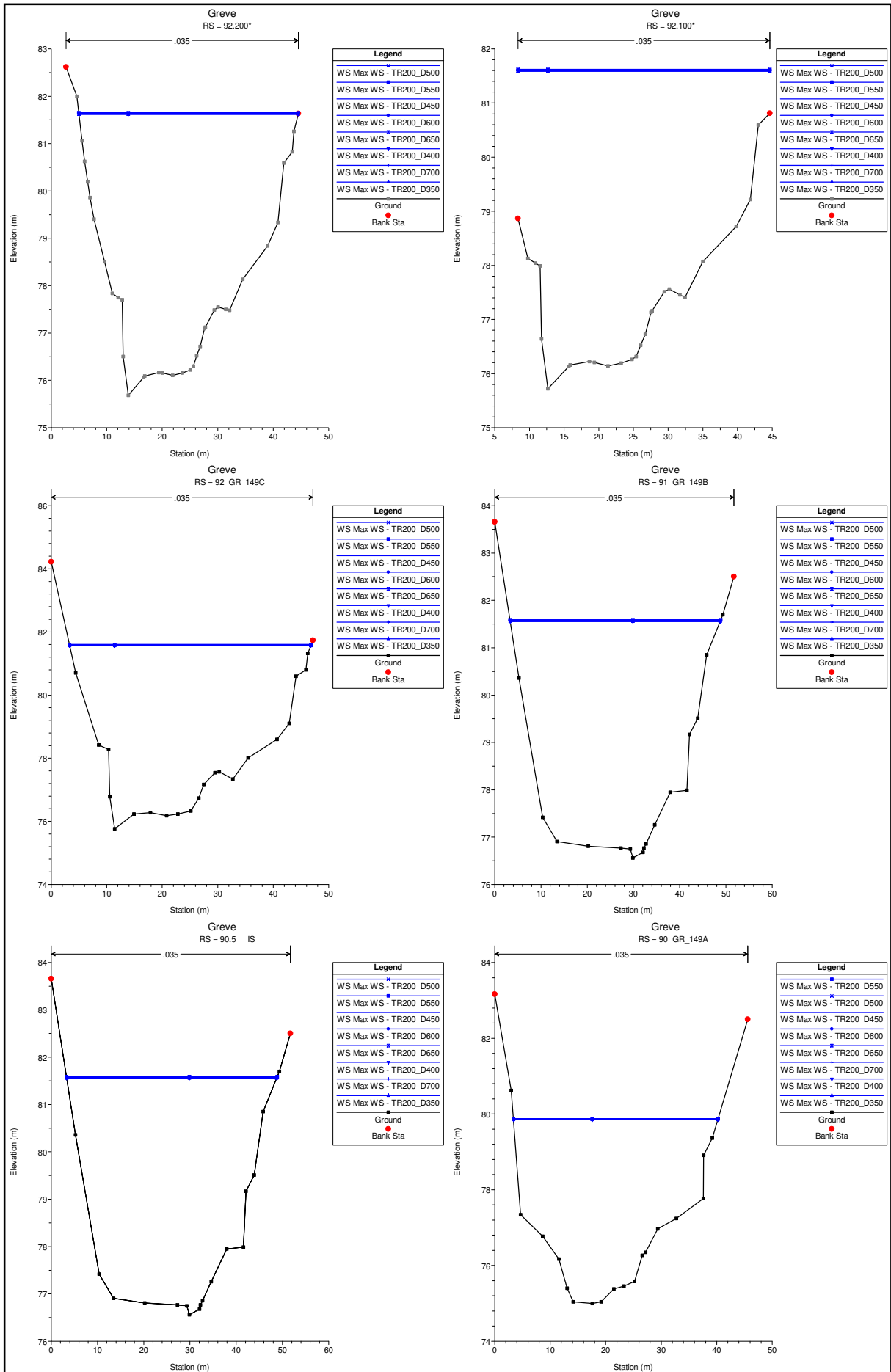
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WS Max WS - TR200_D550	→
WS Max WS - TR200_D450	→
WS Max WS - TR200_D600	→
WS Max WS - TR200_D650	→
WS Max WS - TR200_D400	→
WS Max WS - TR200_D700	→
WS Max WS - TR200_D350	→
Ground	●
Bank Sta	●

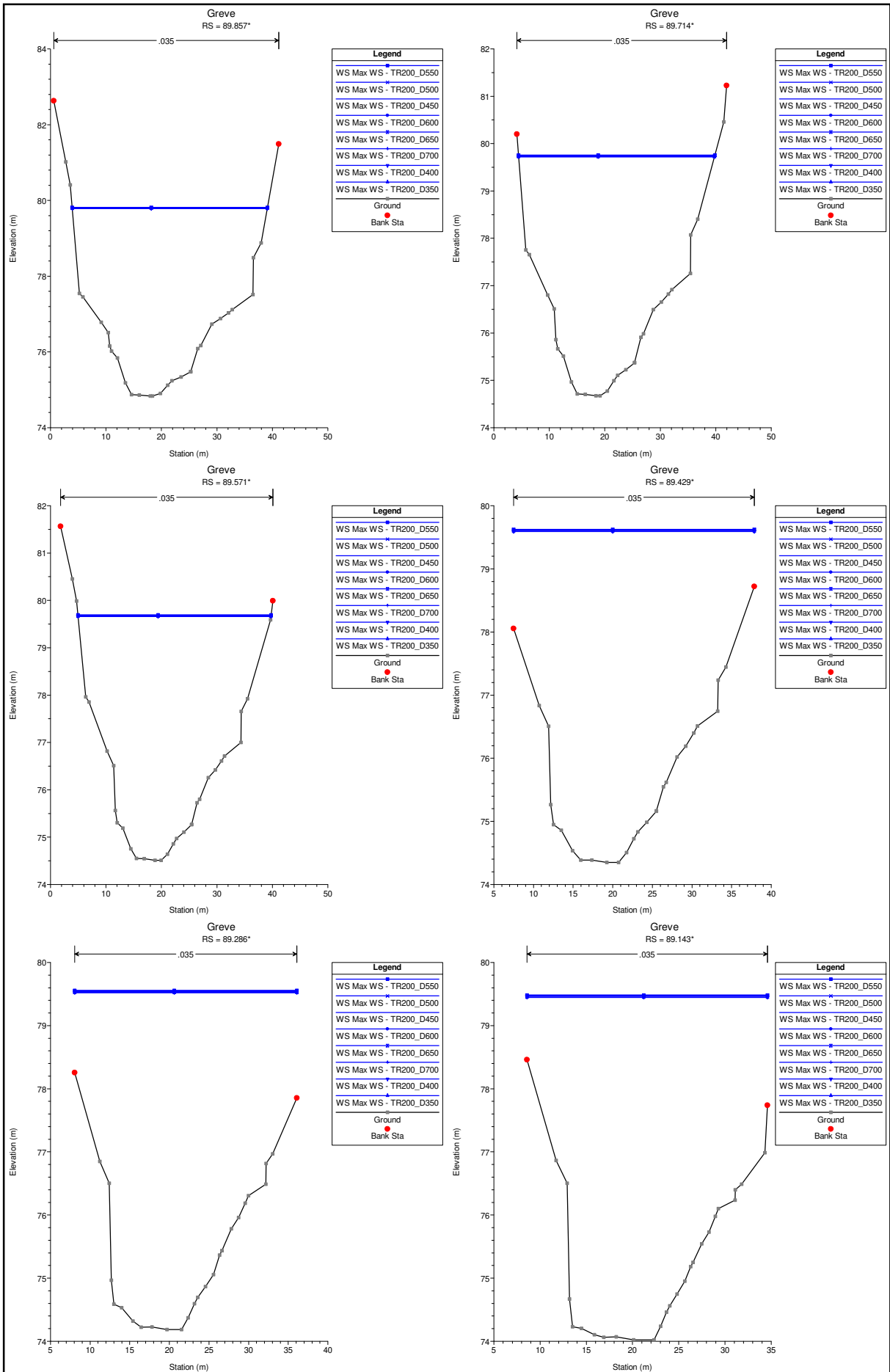


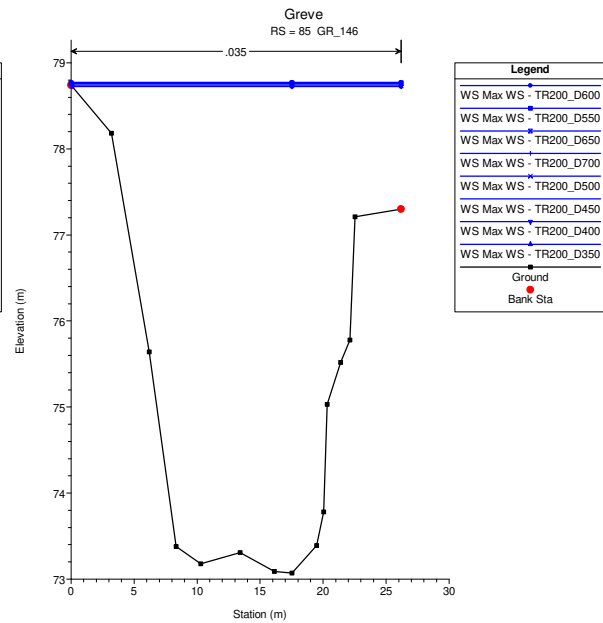
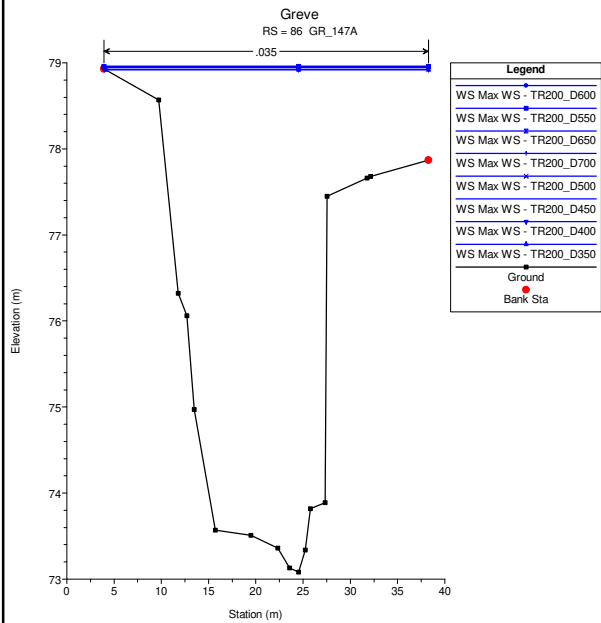
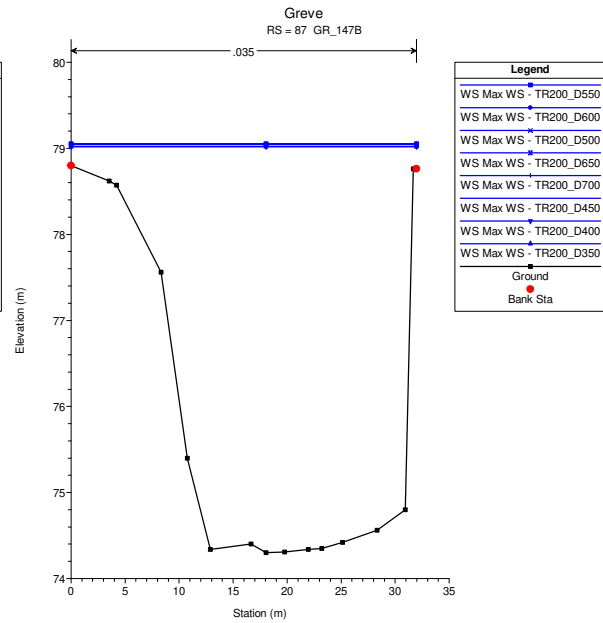
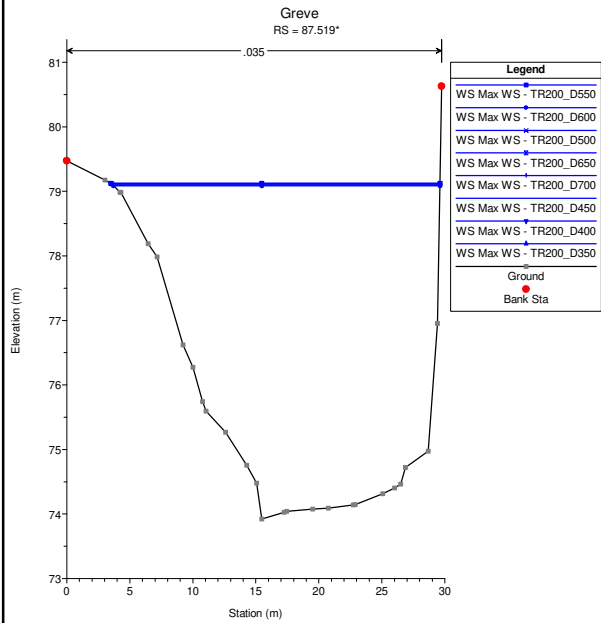
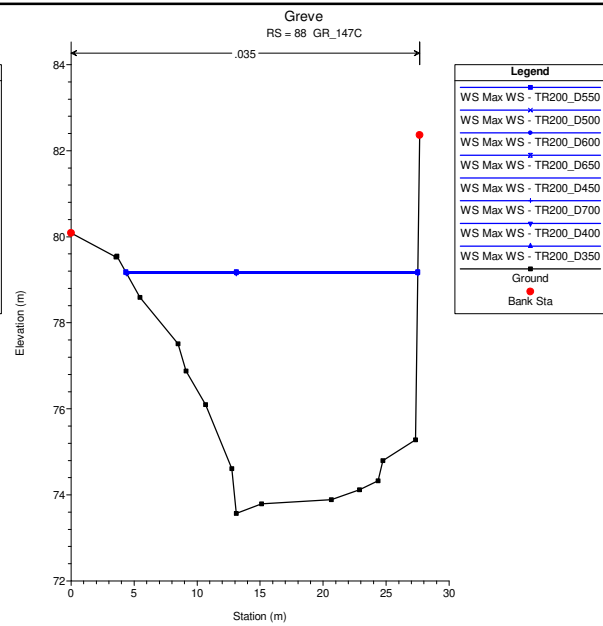
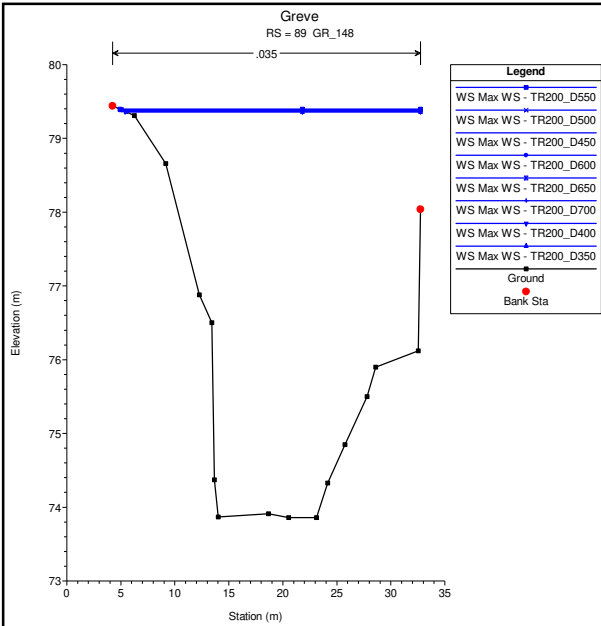
Legend	
WS Max WS - TR200_D500	→
WS Max WS - TR200_D550	→
WS Max WS - TR200_D450	→
WS Max WS - TR200_D600	→
WS Max WS - TR200_D650	→
WS Max WS - TR200_D400	→
WS Max WS - TR200_D700	→
WS Max WS - TR200_D350	→
Ground	●
Bank Sta	●

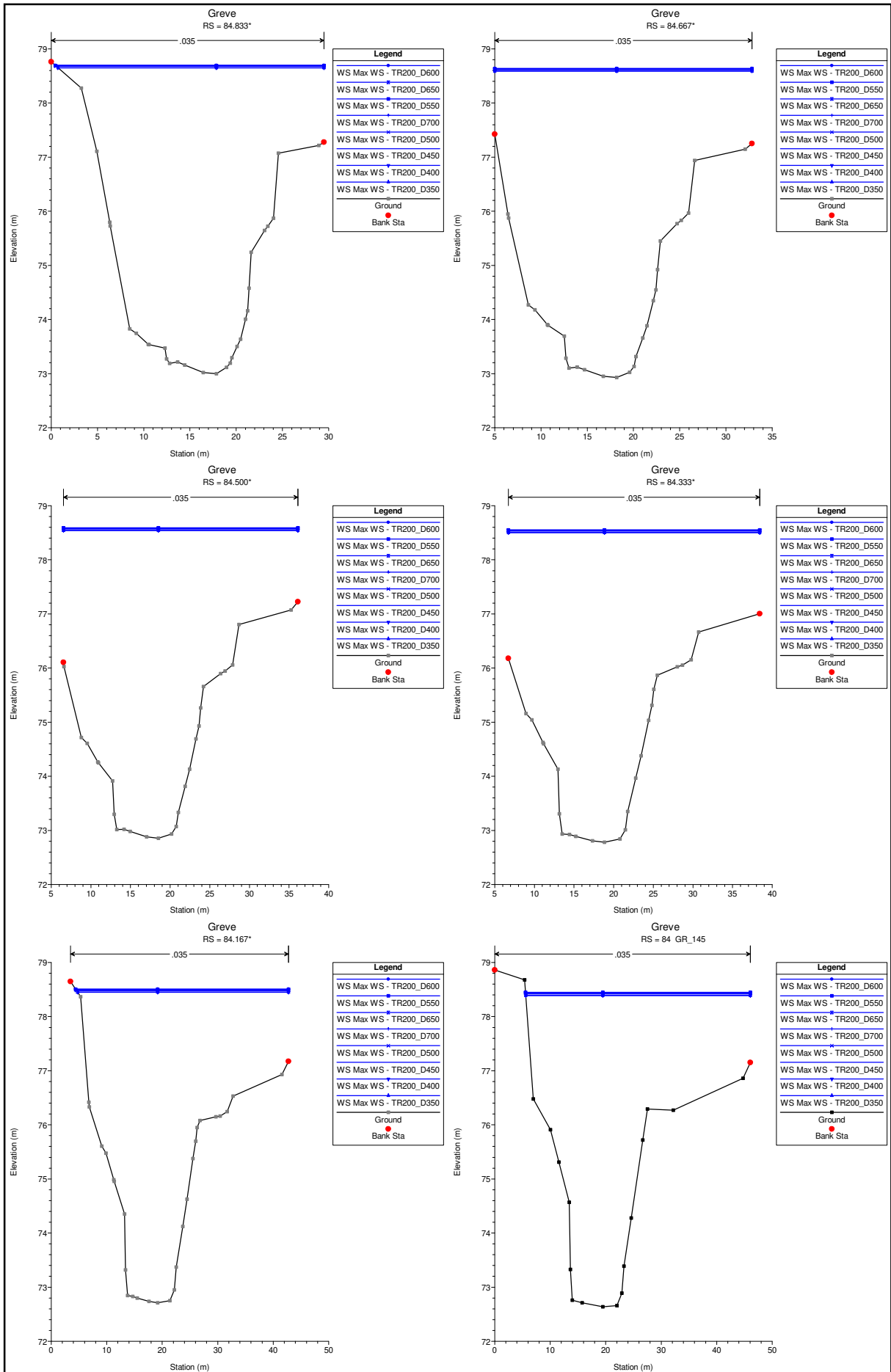


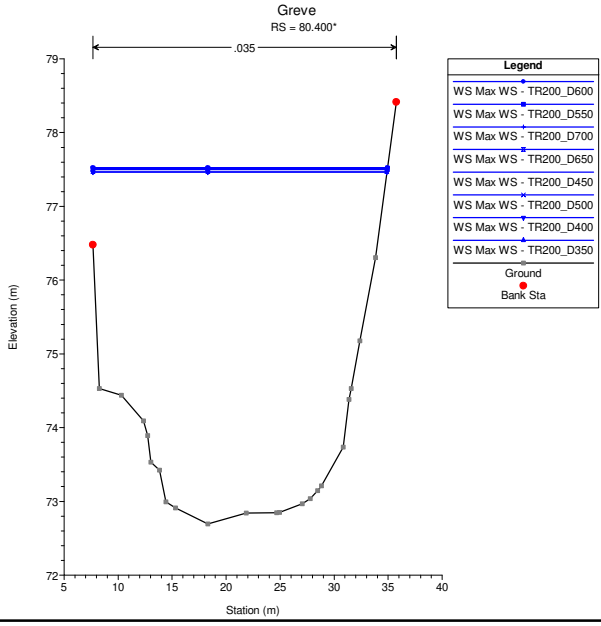
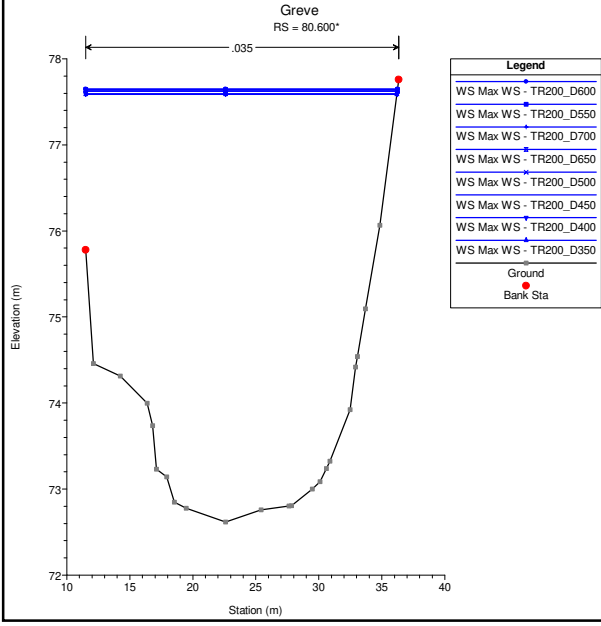
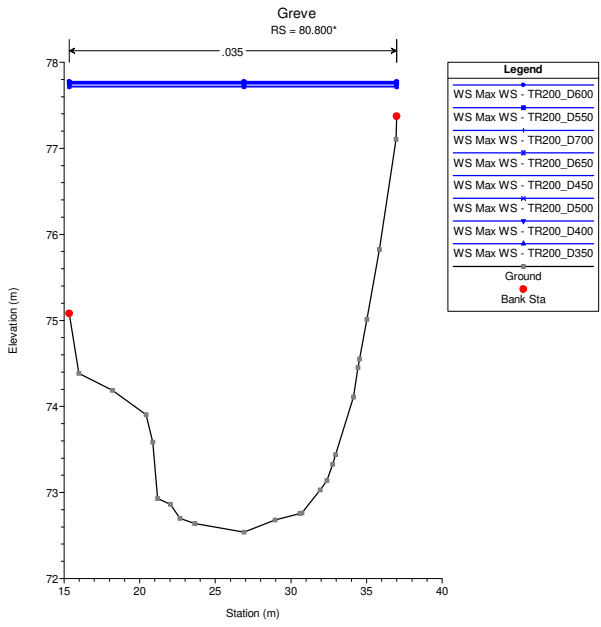
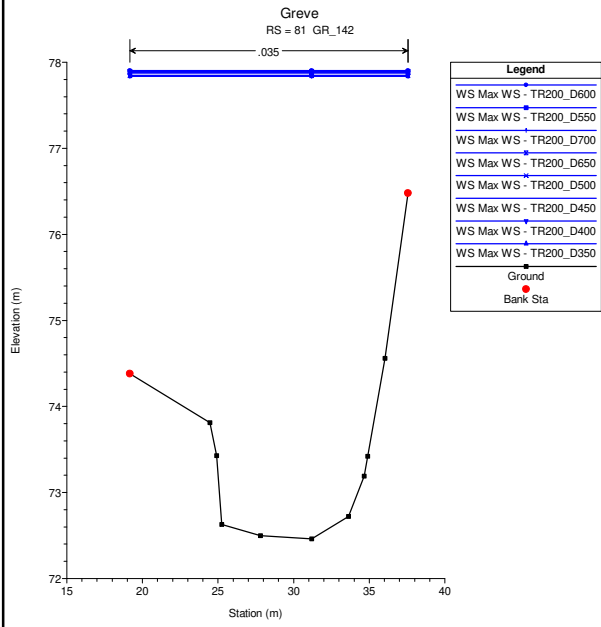
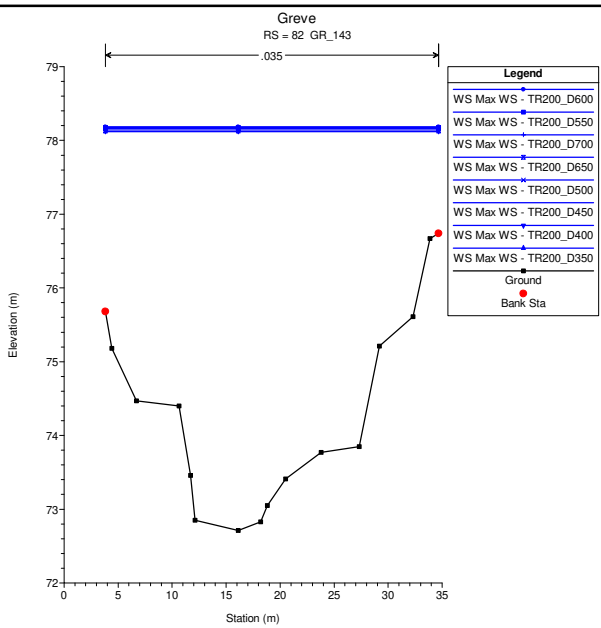
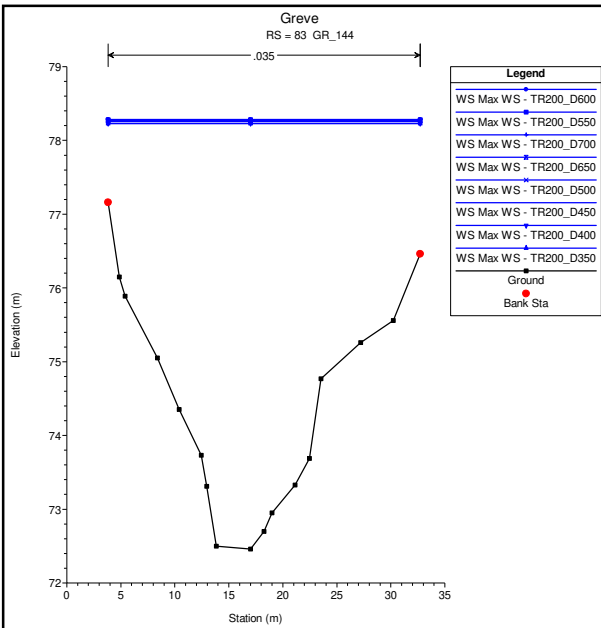


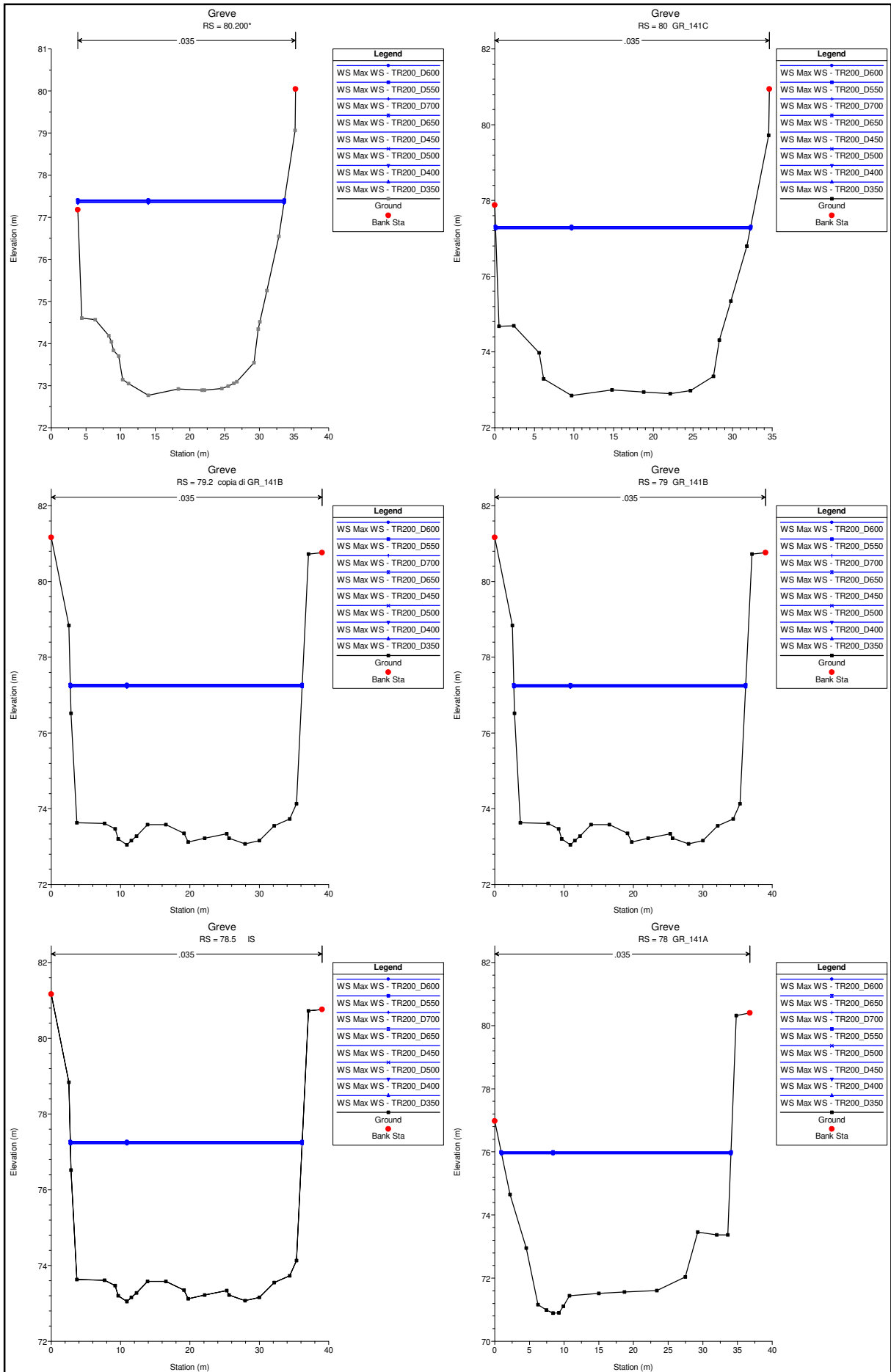


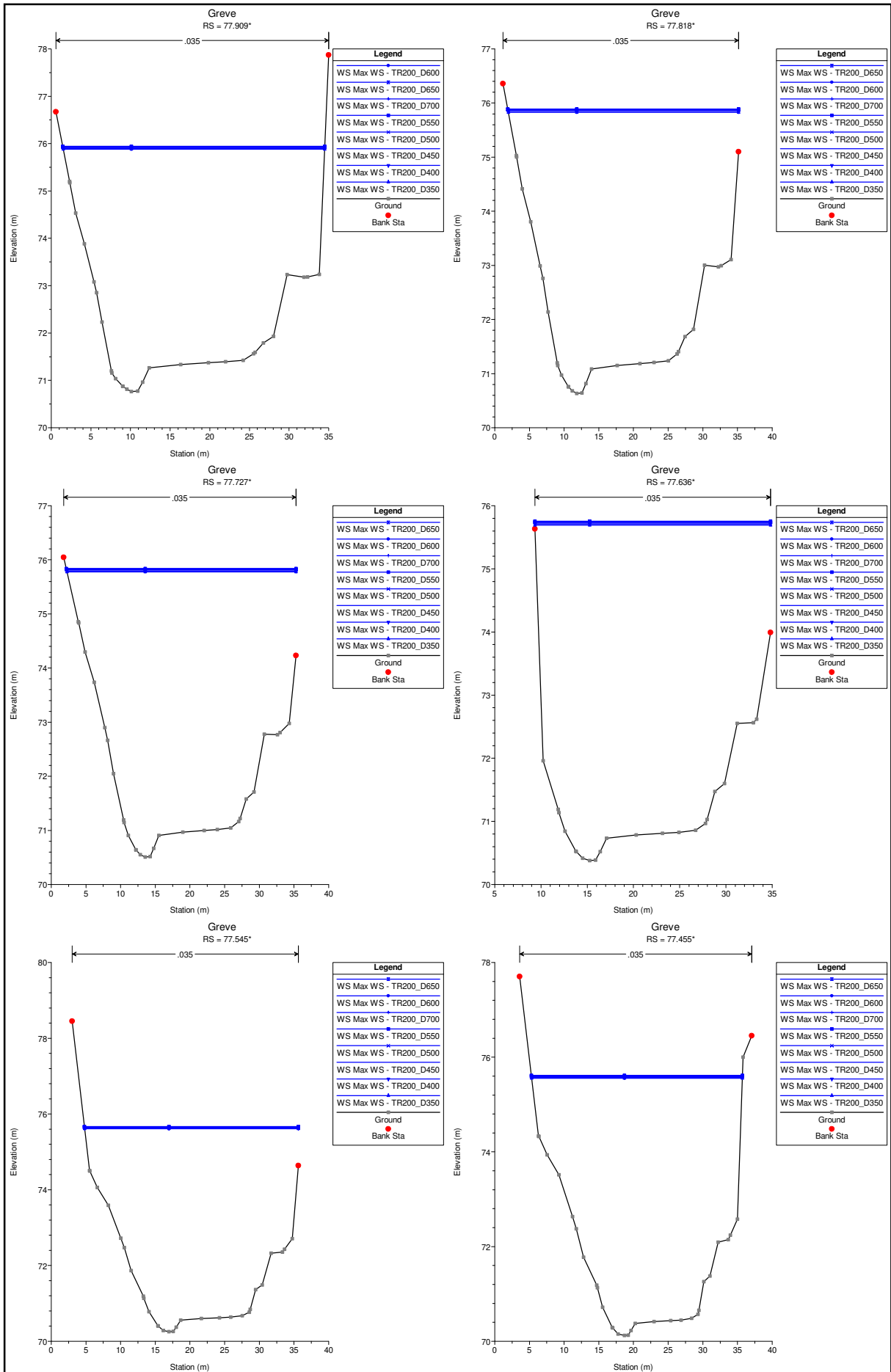


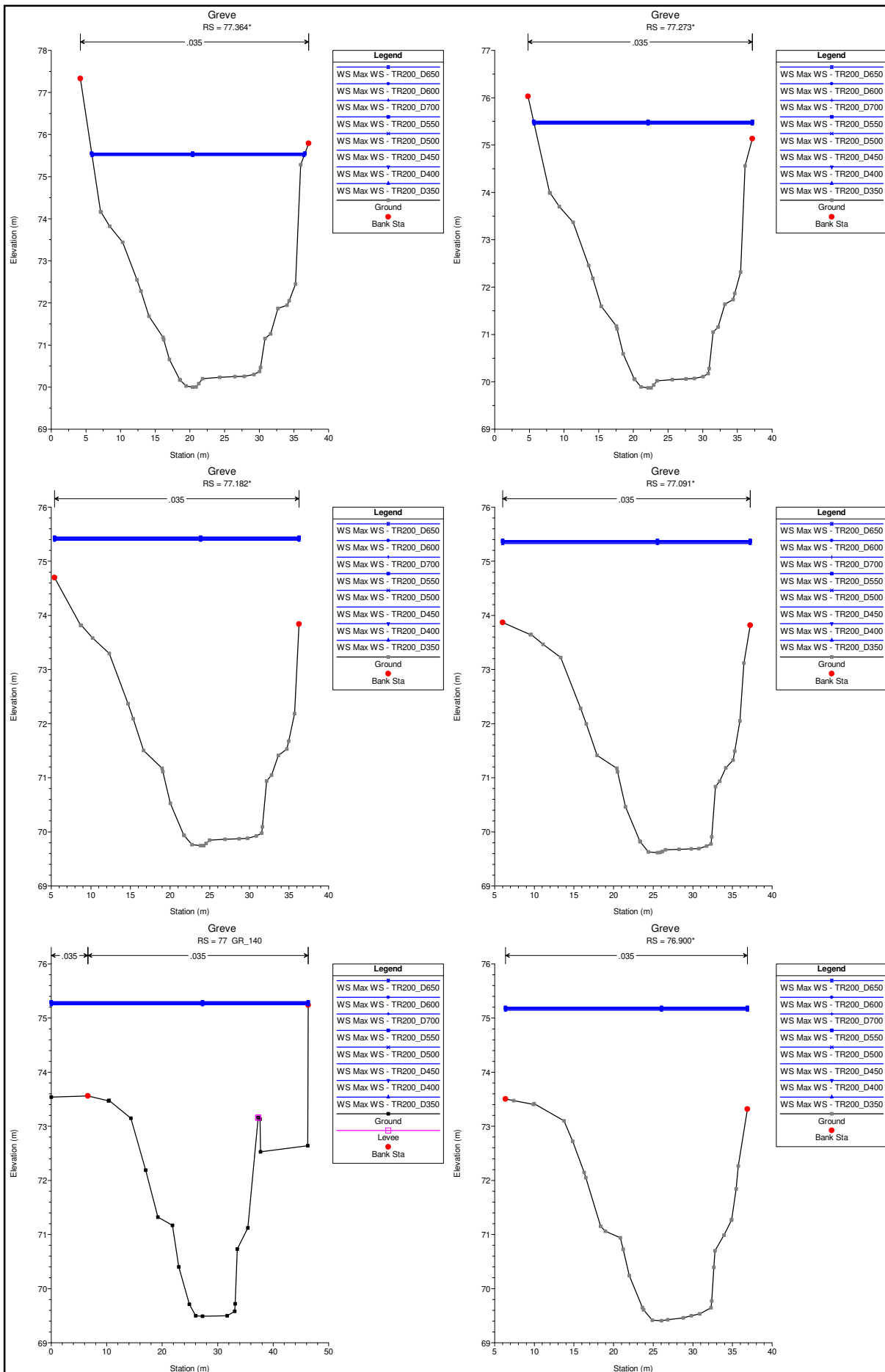


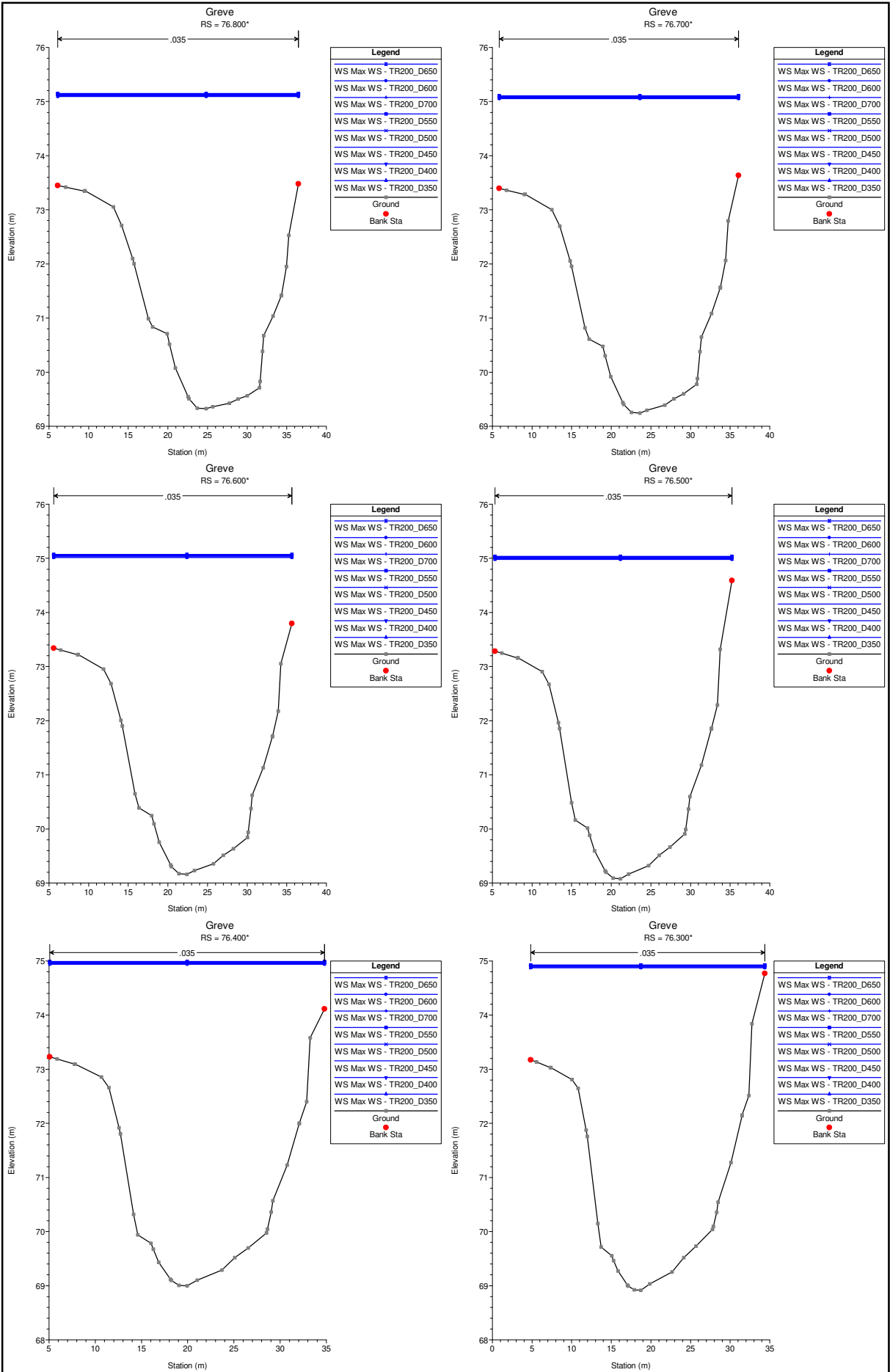


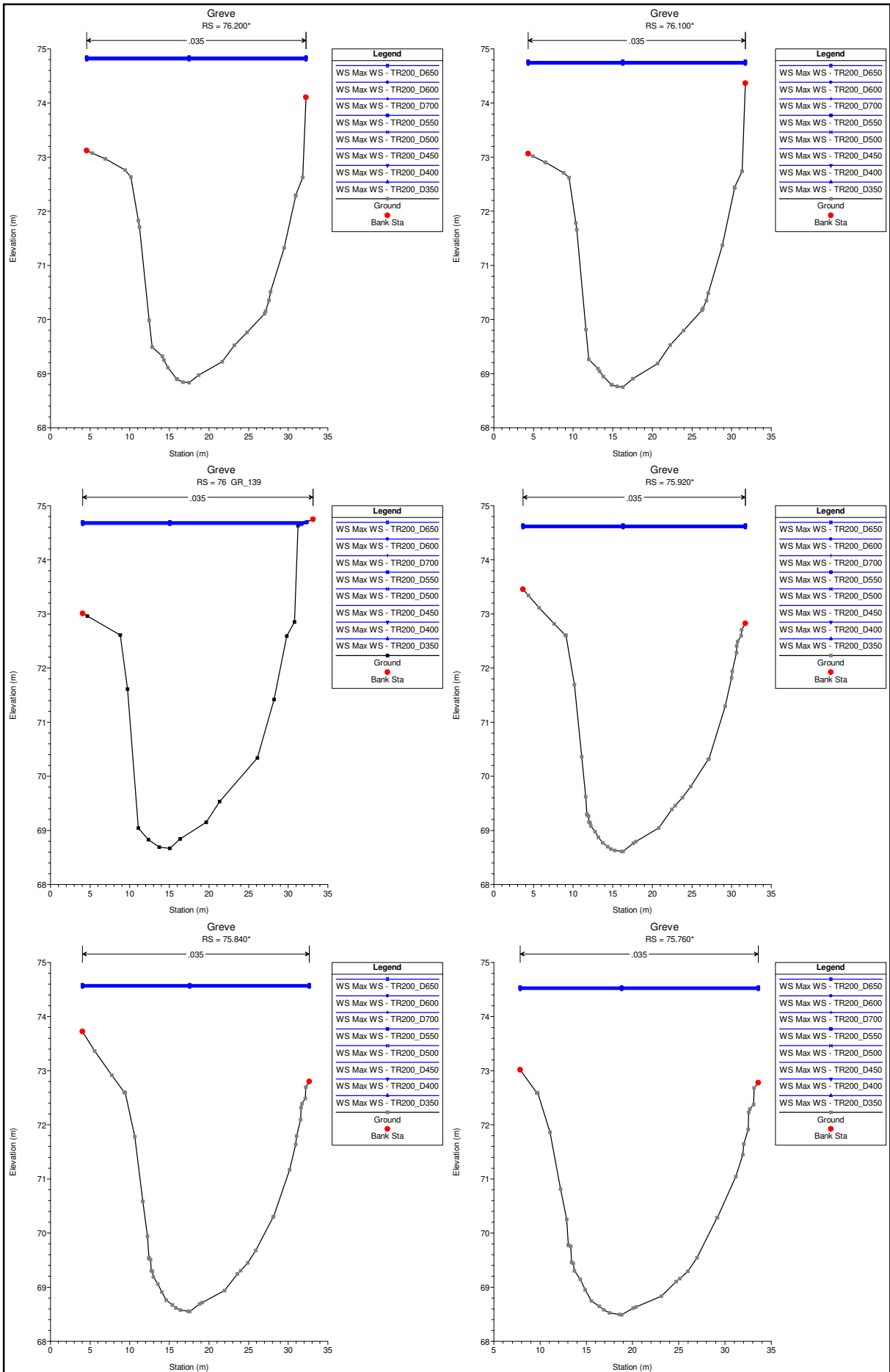


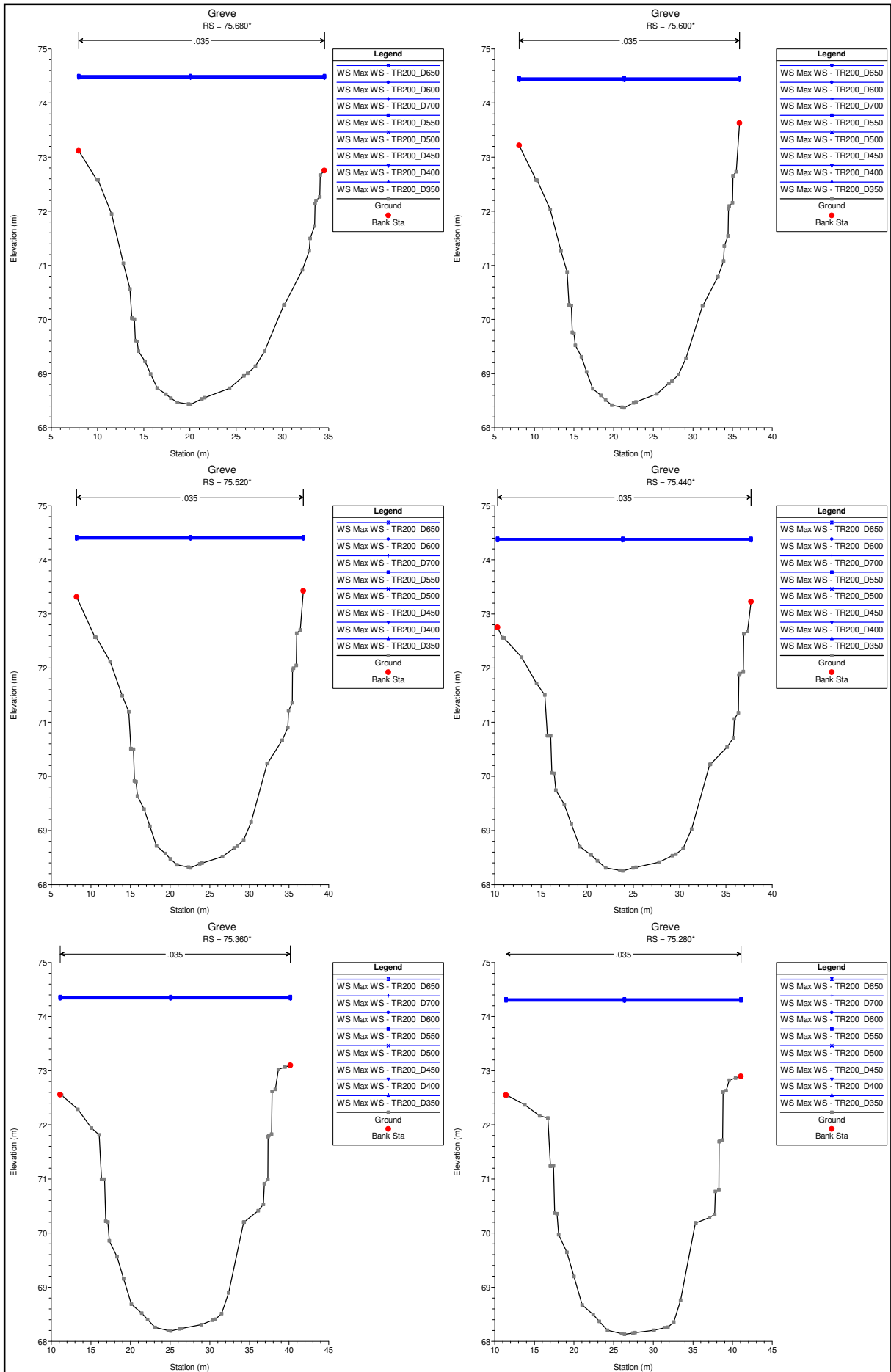


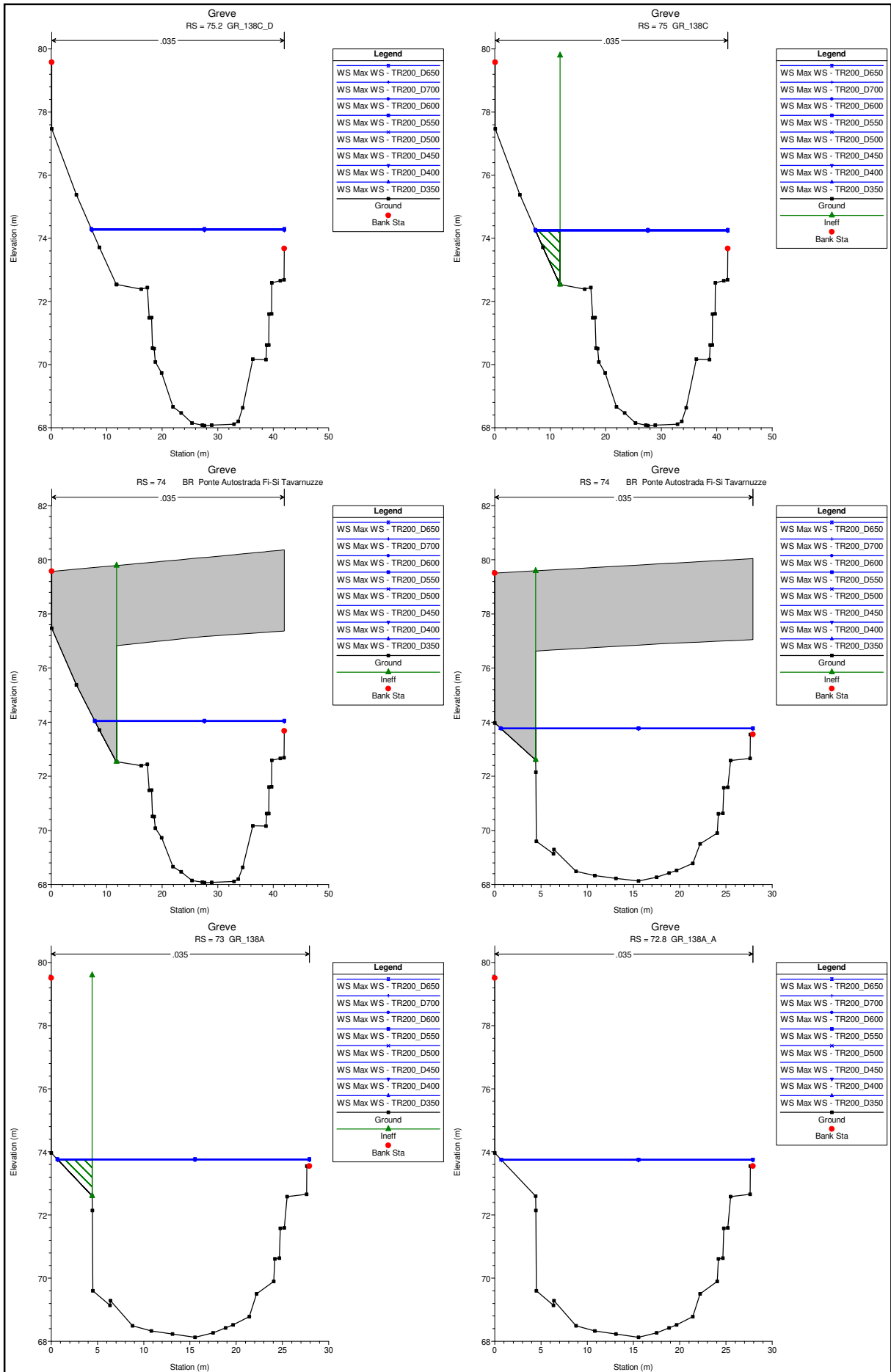


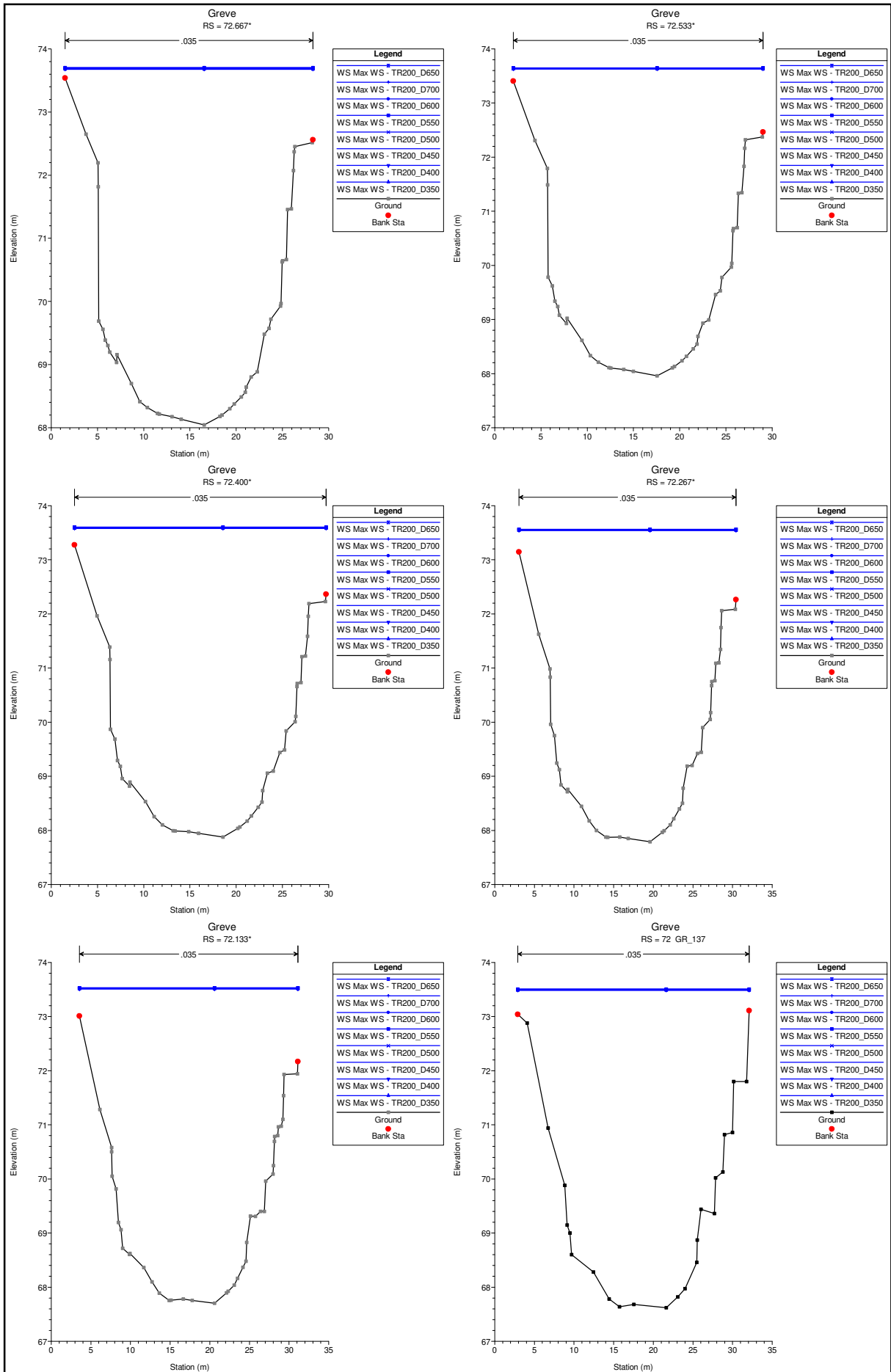


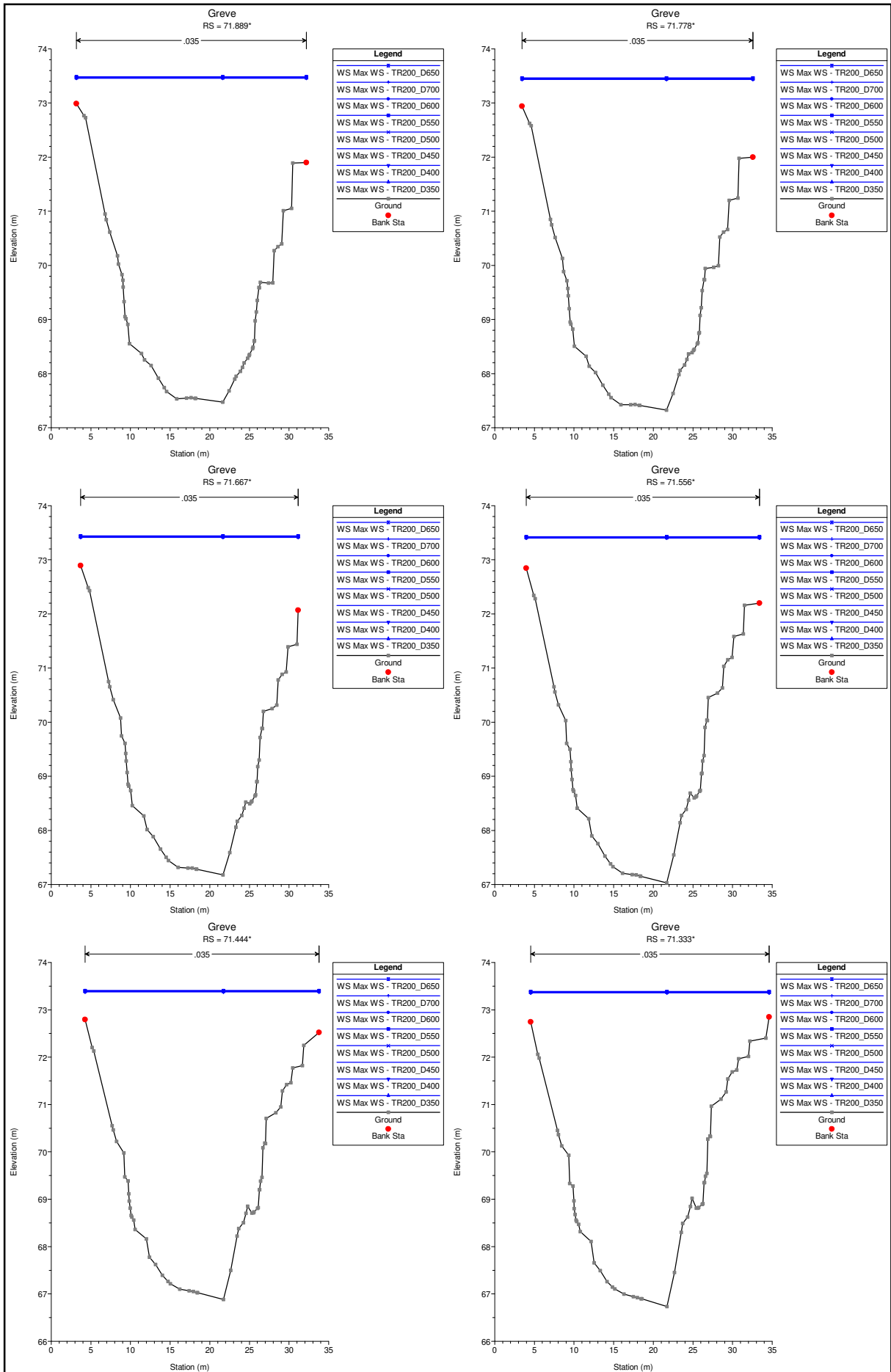


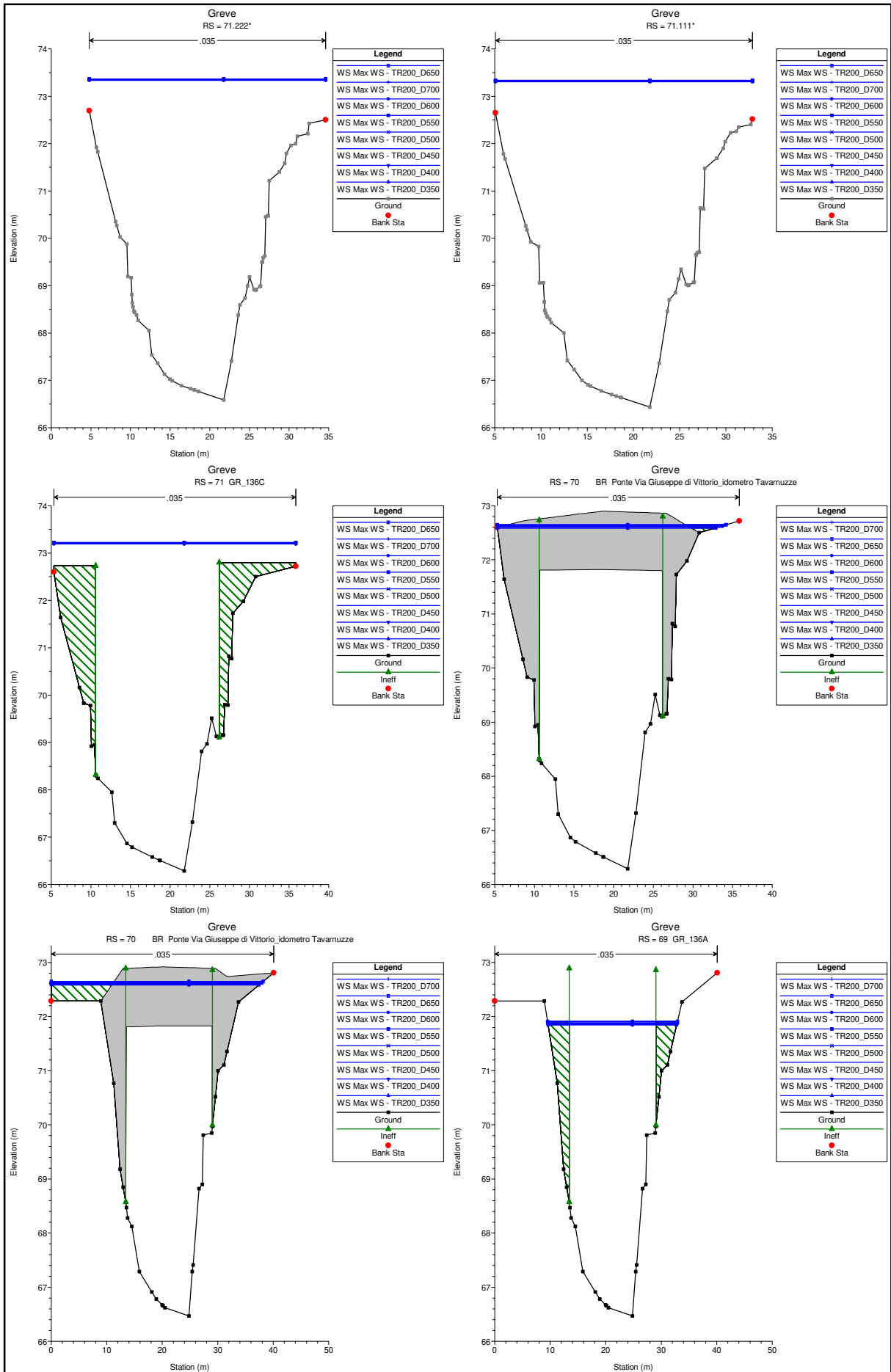


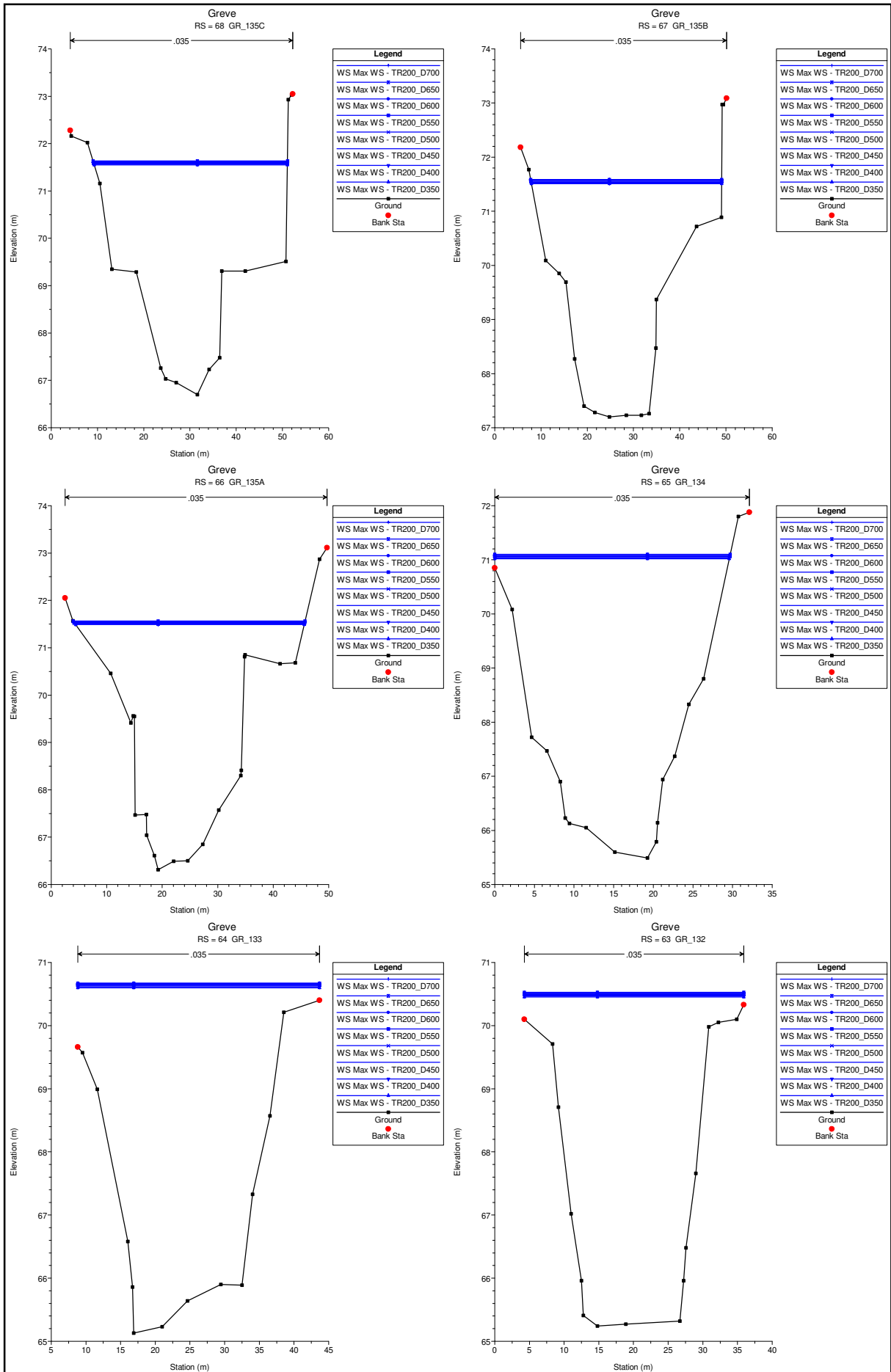


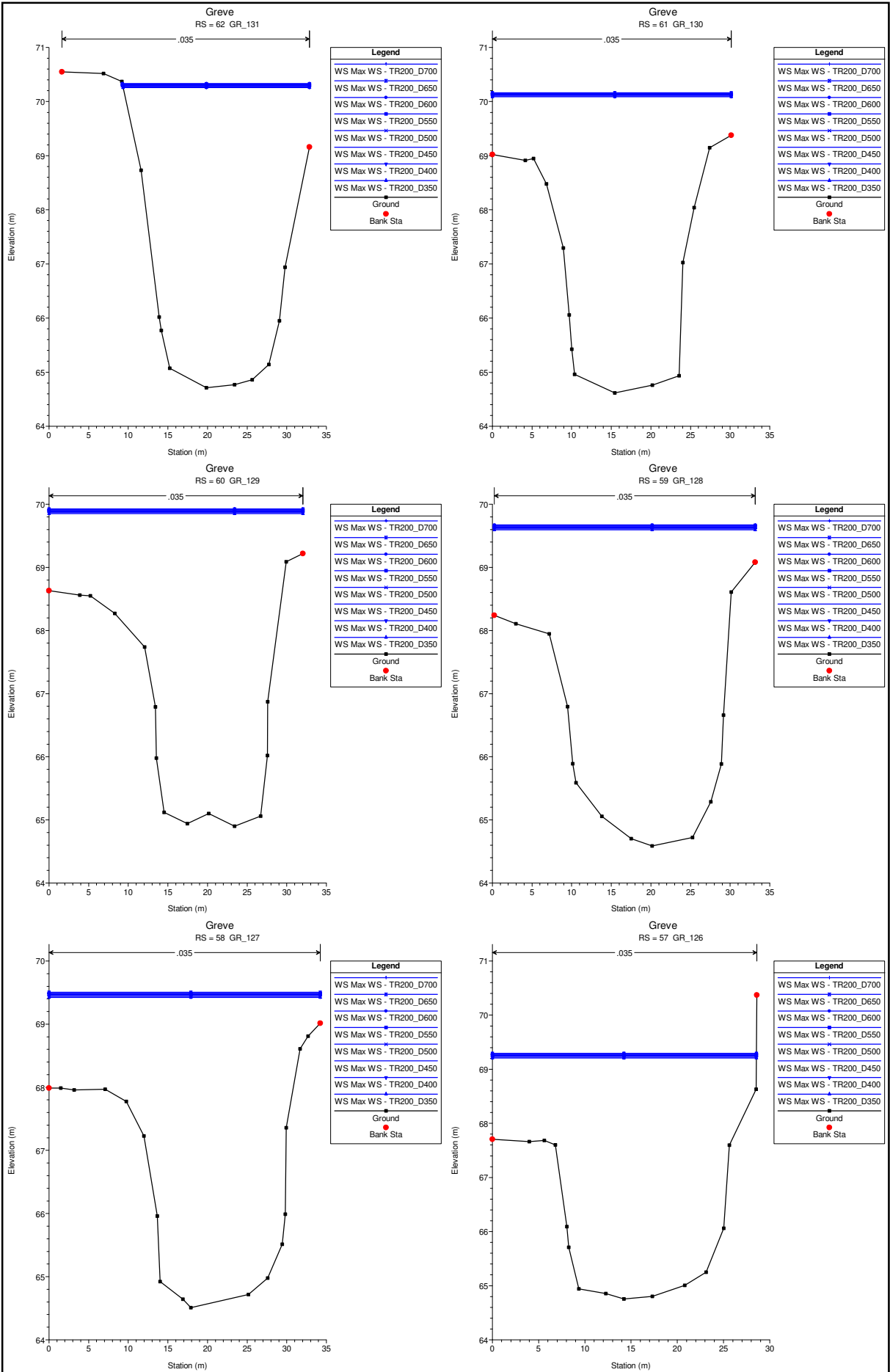


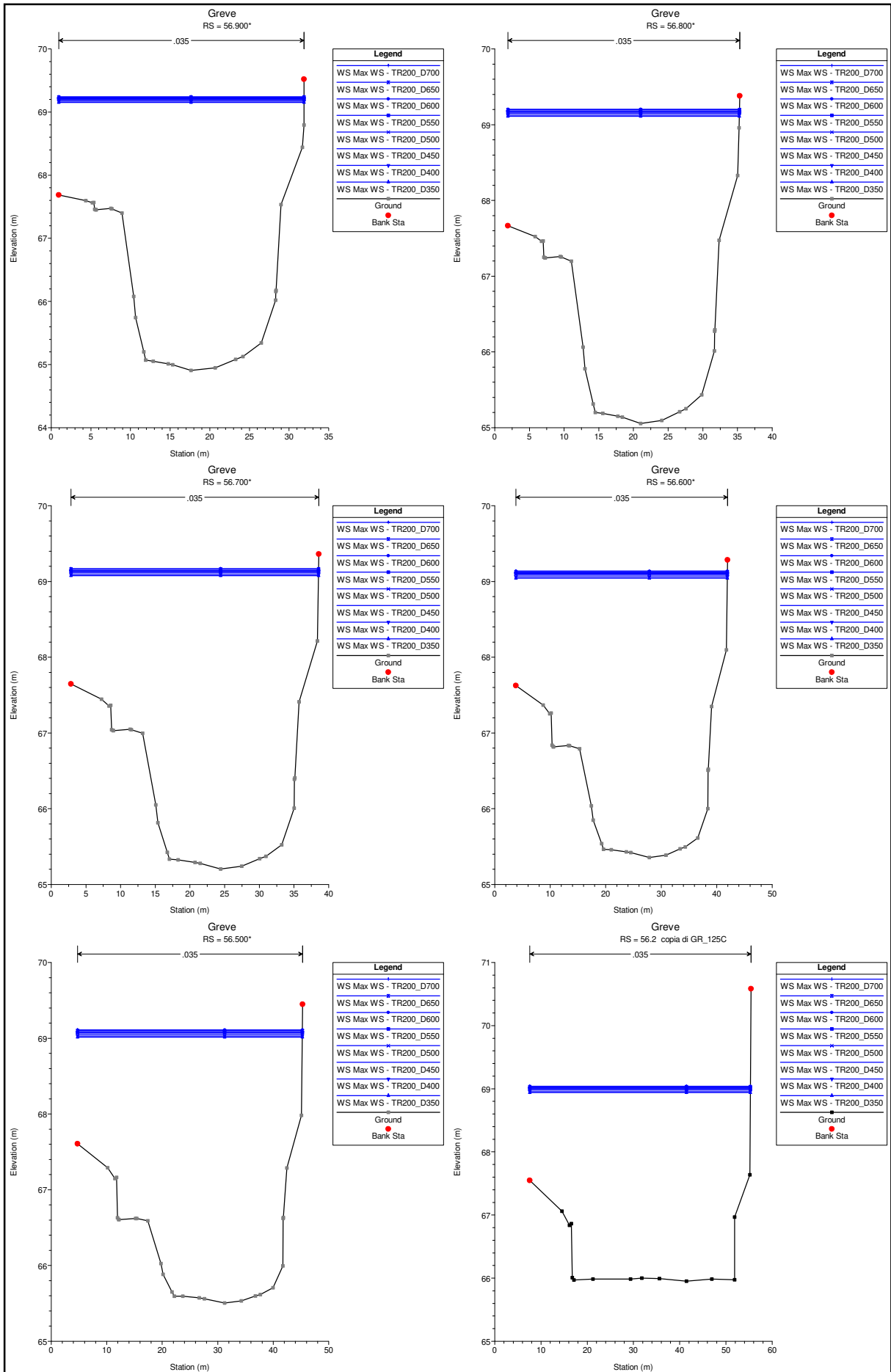


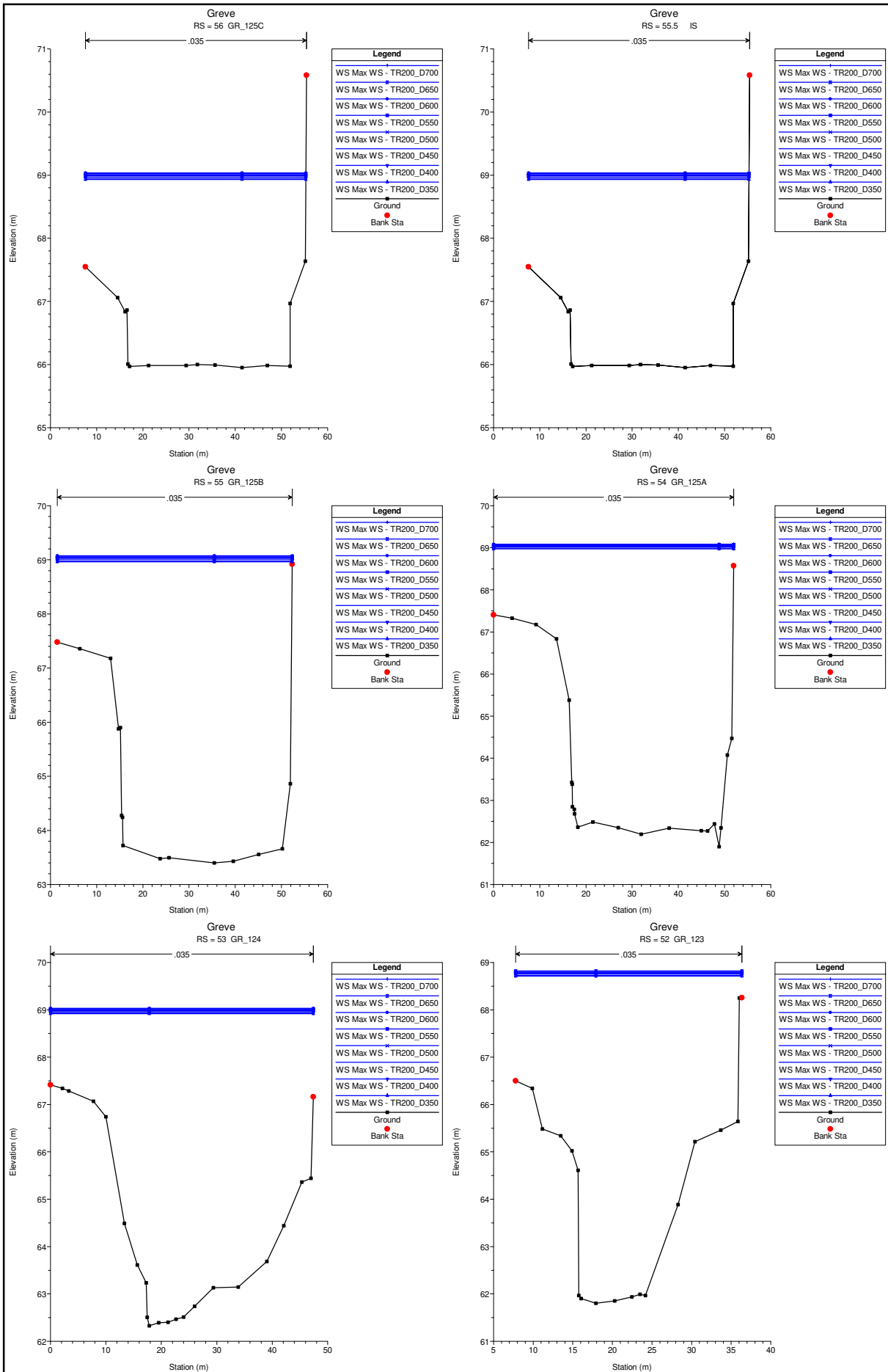


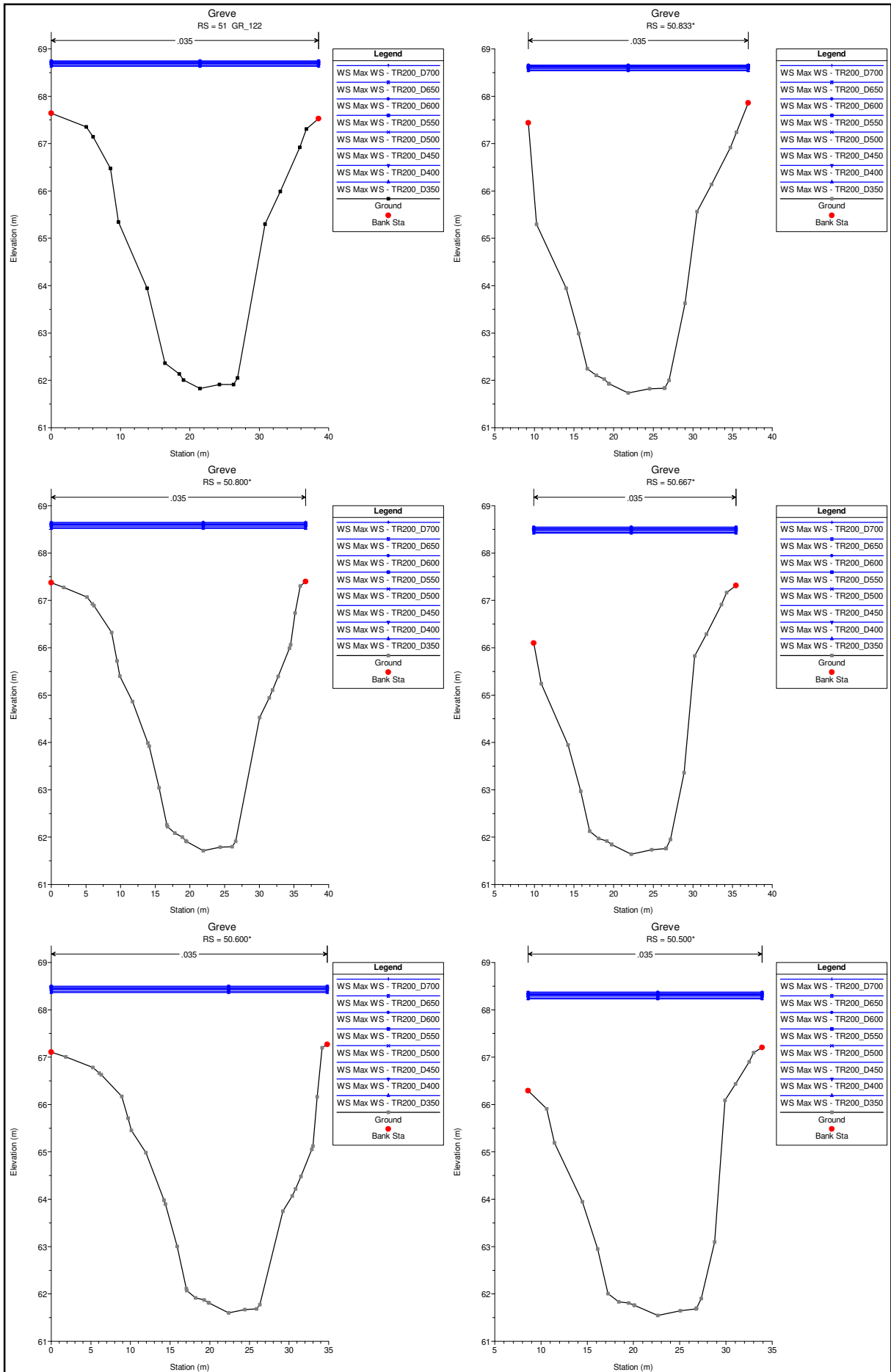


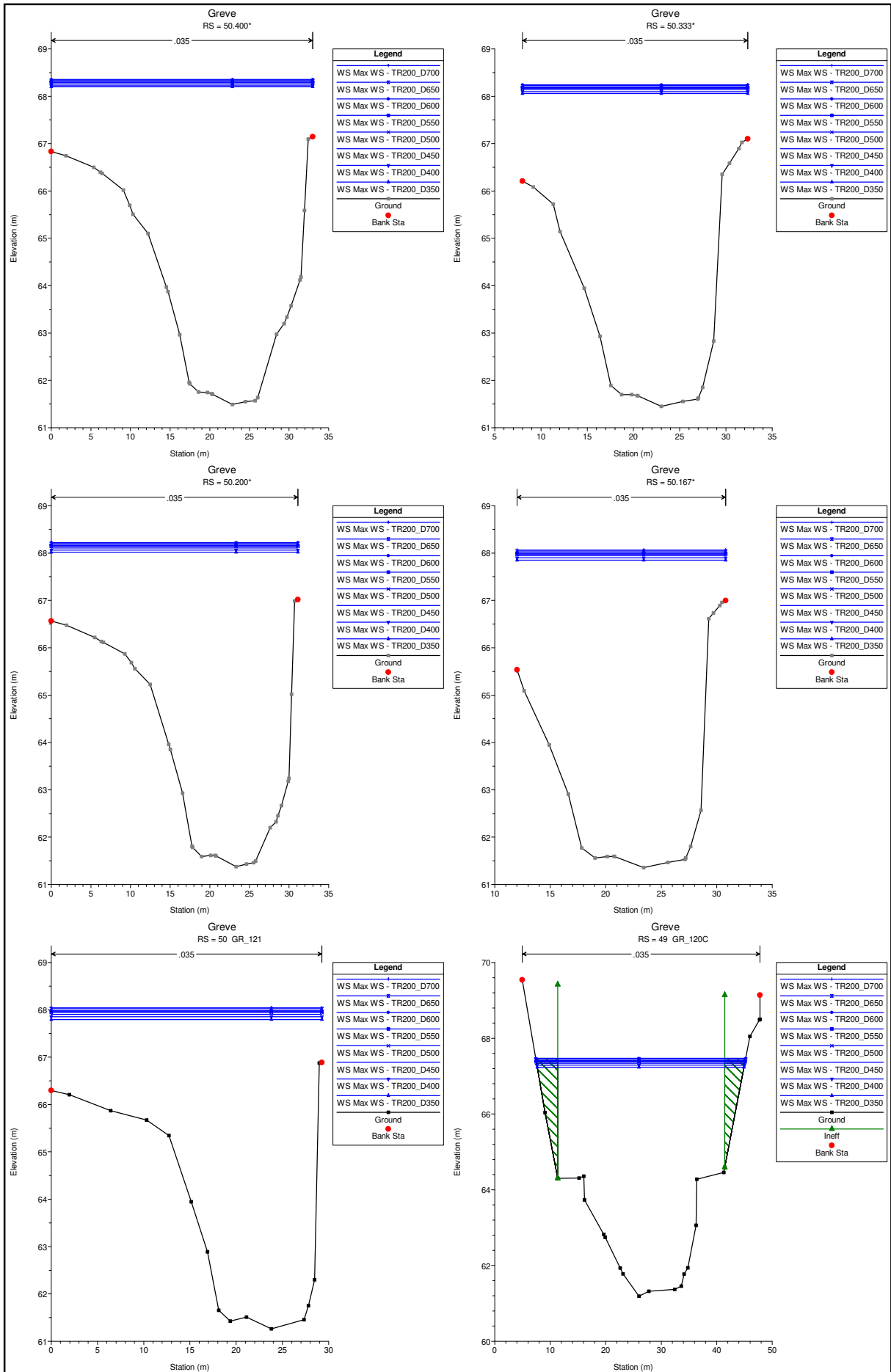


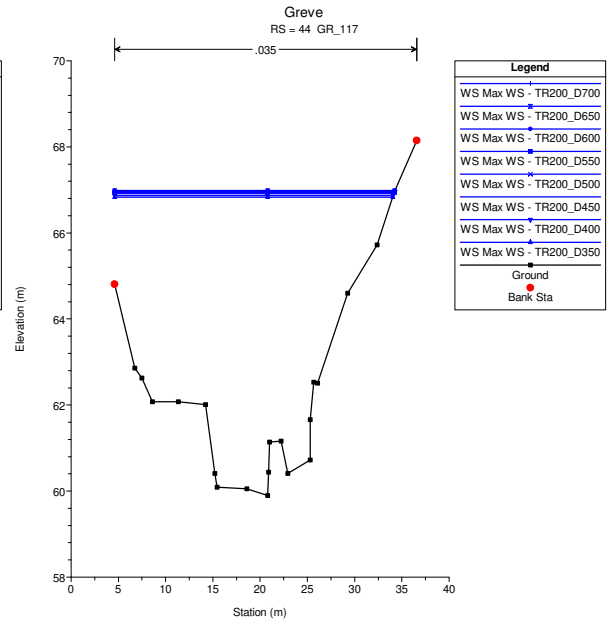
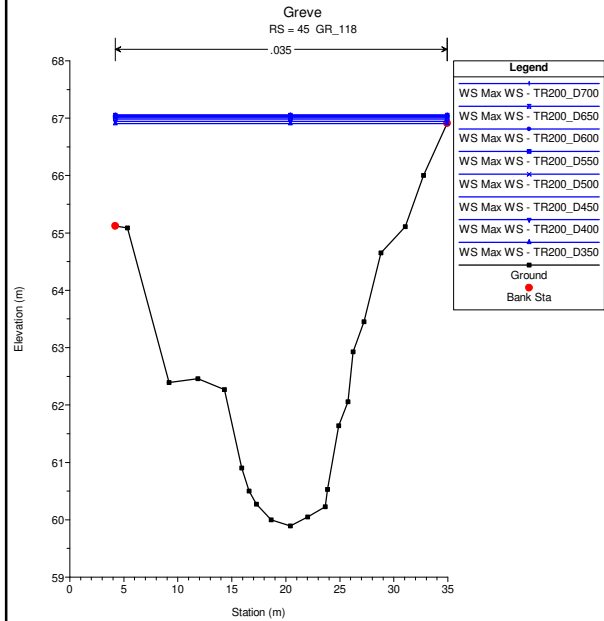
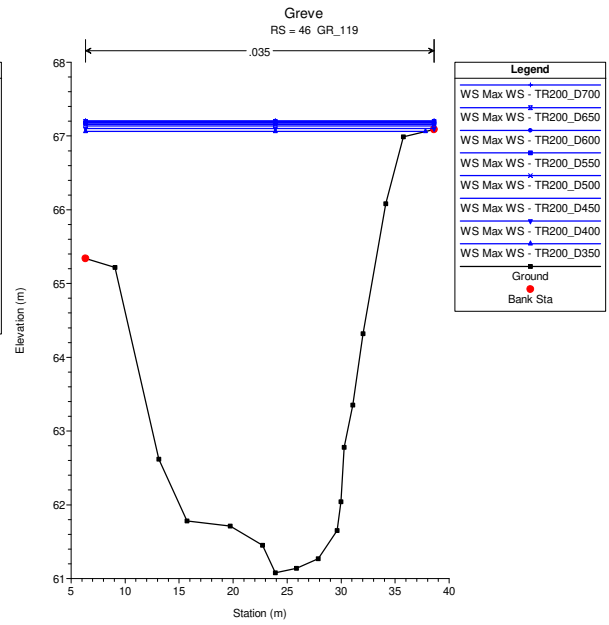
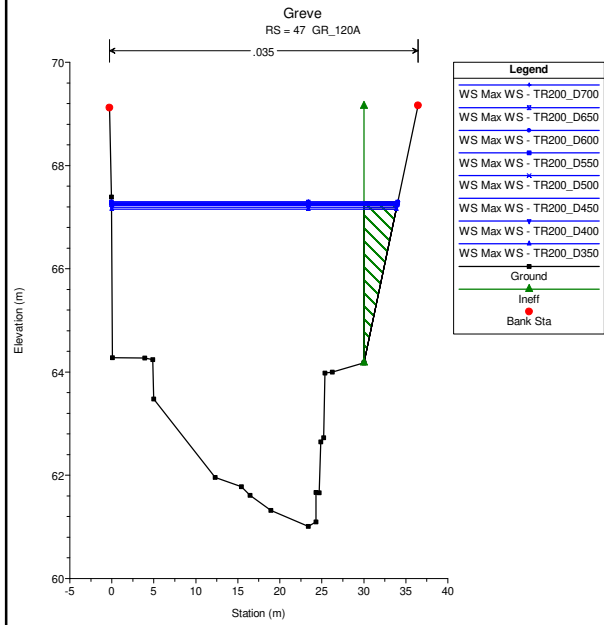
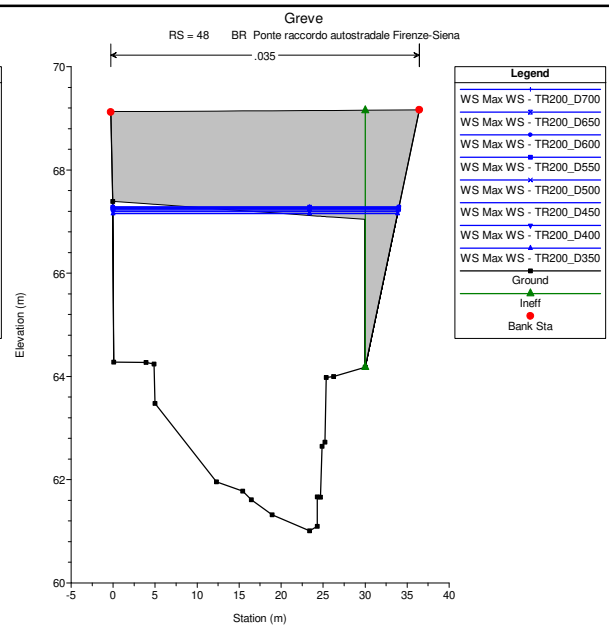
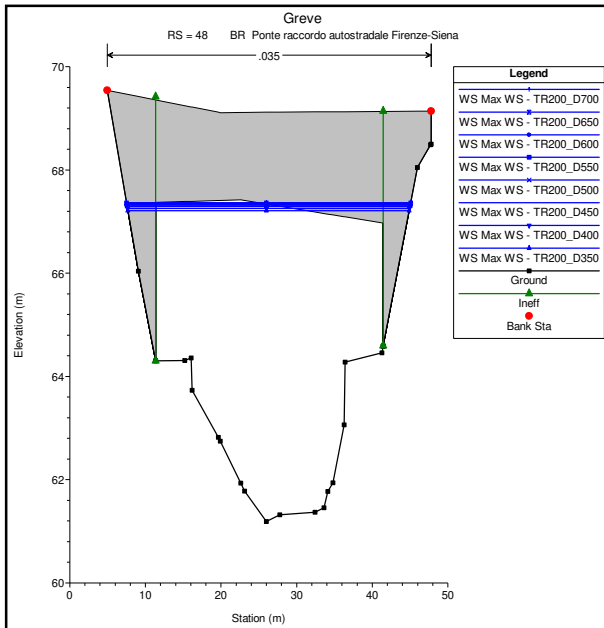


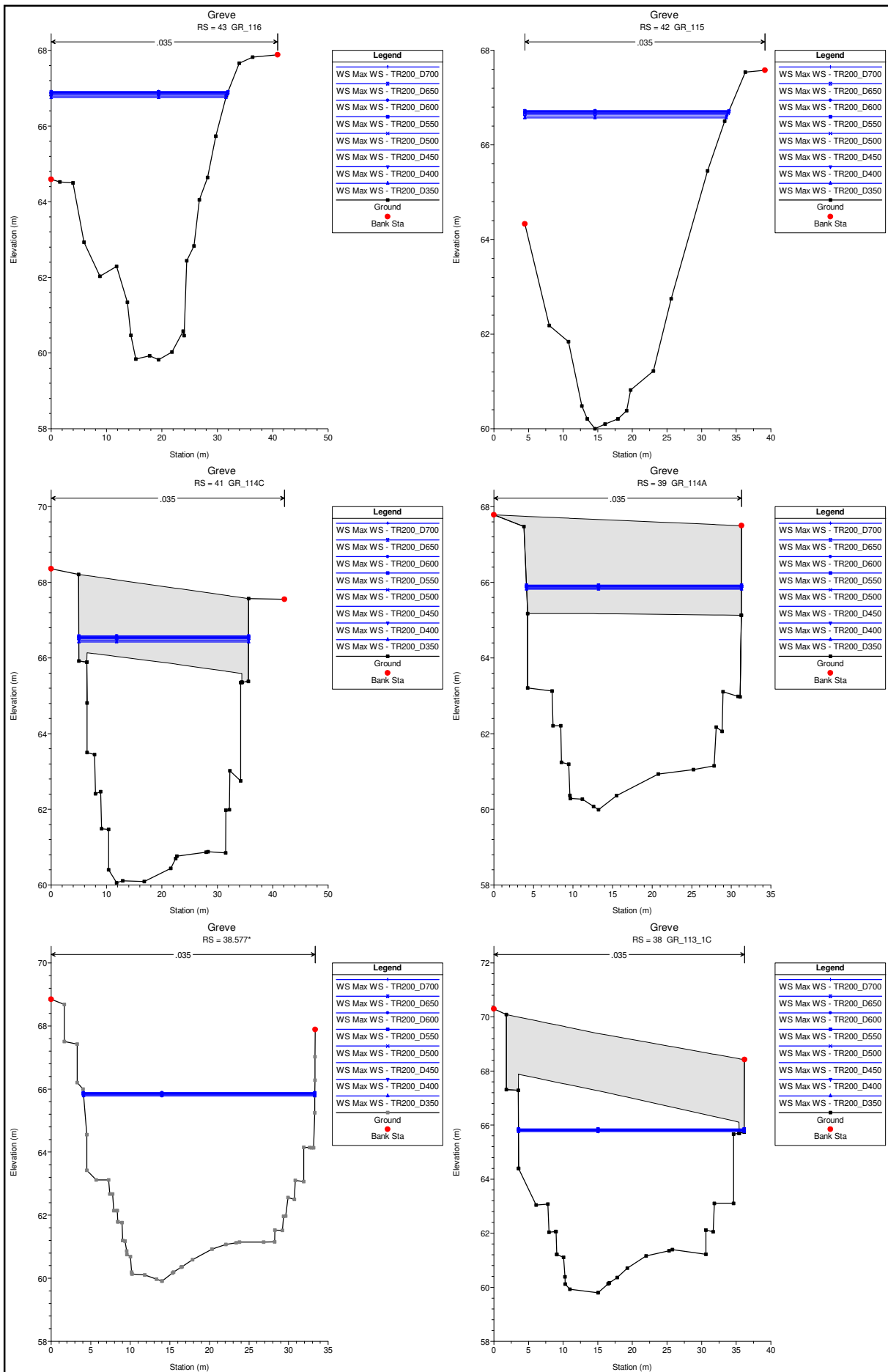


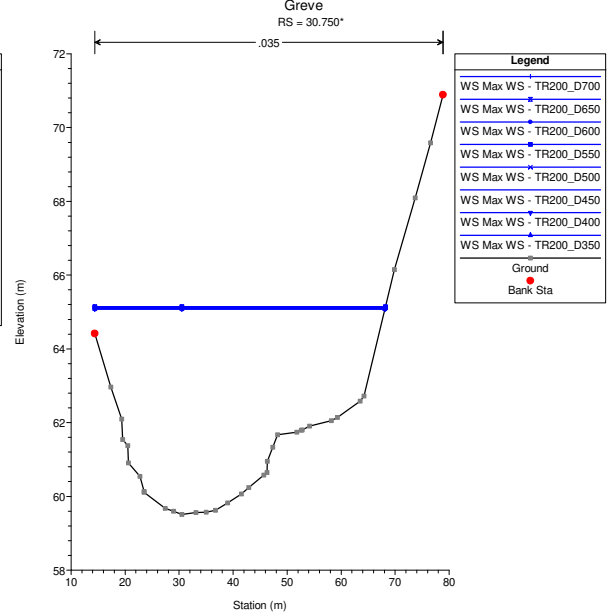
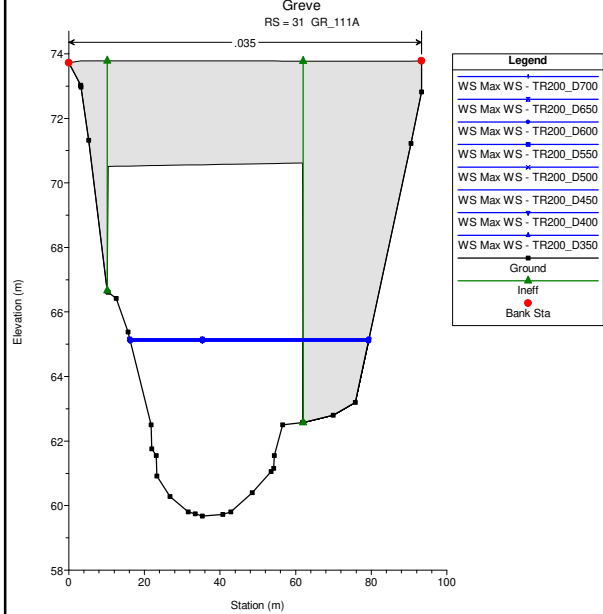
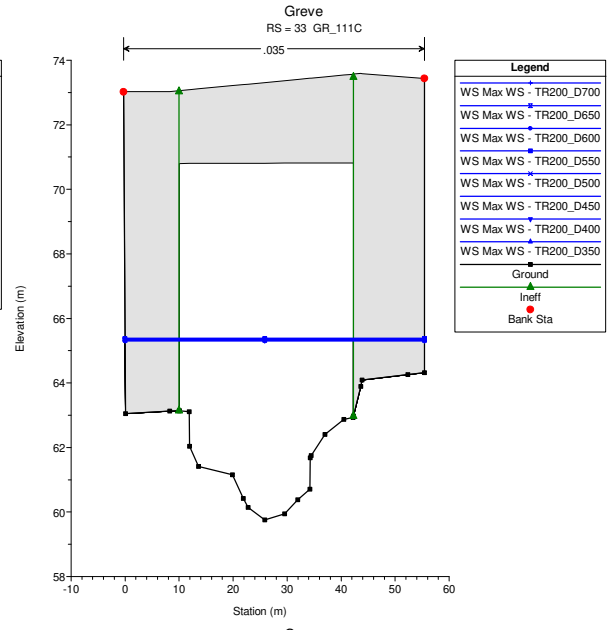
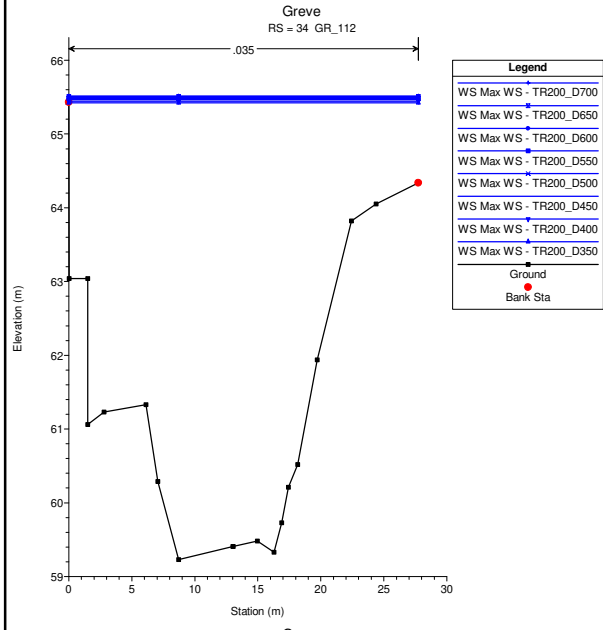
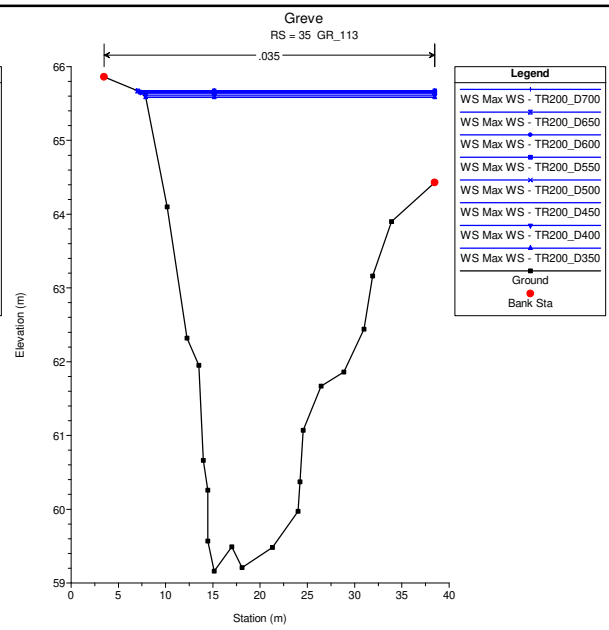
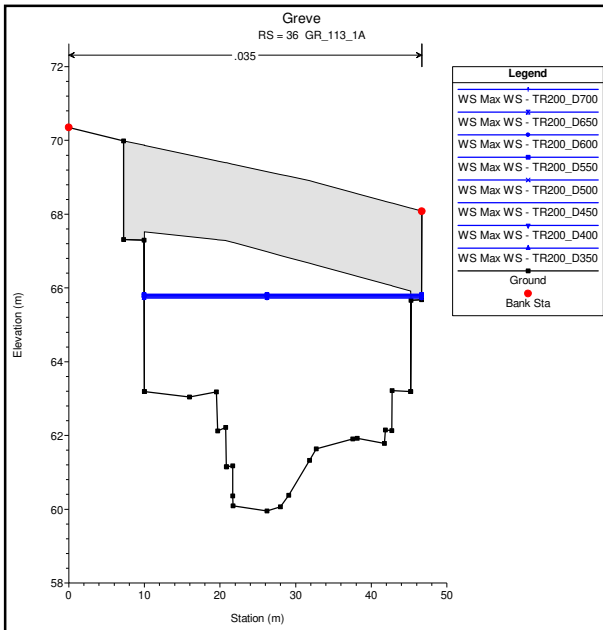


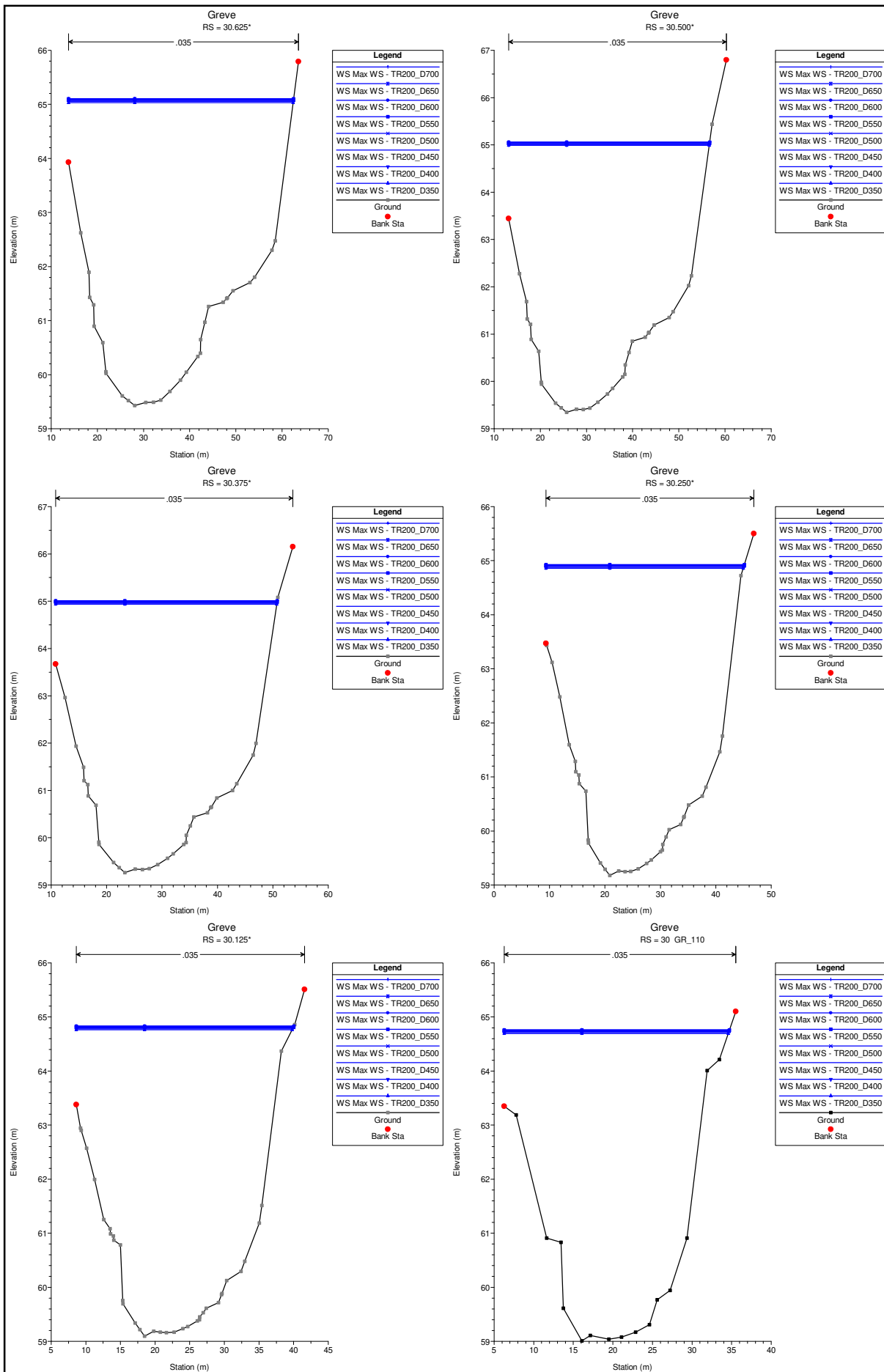


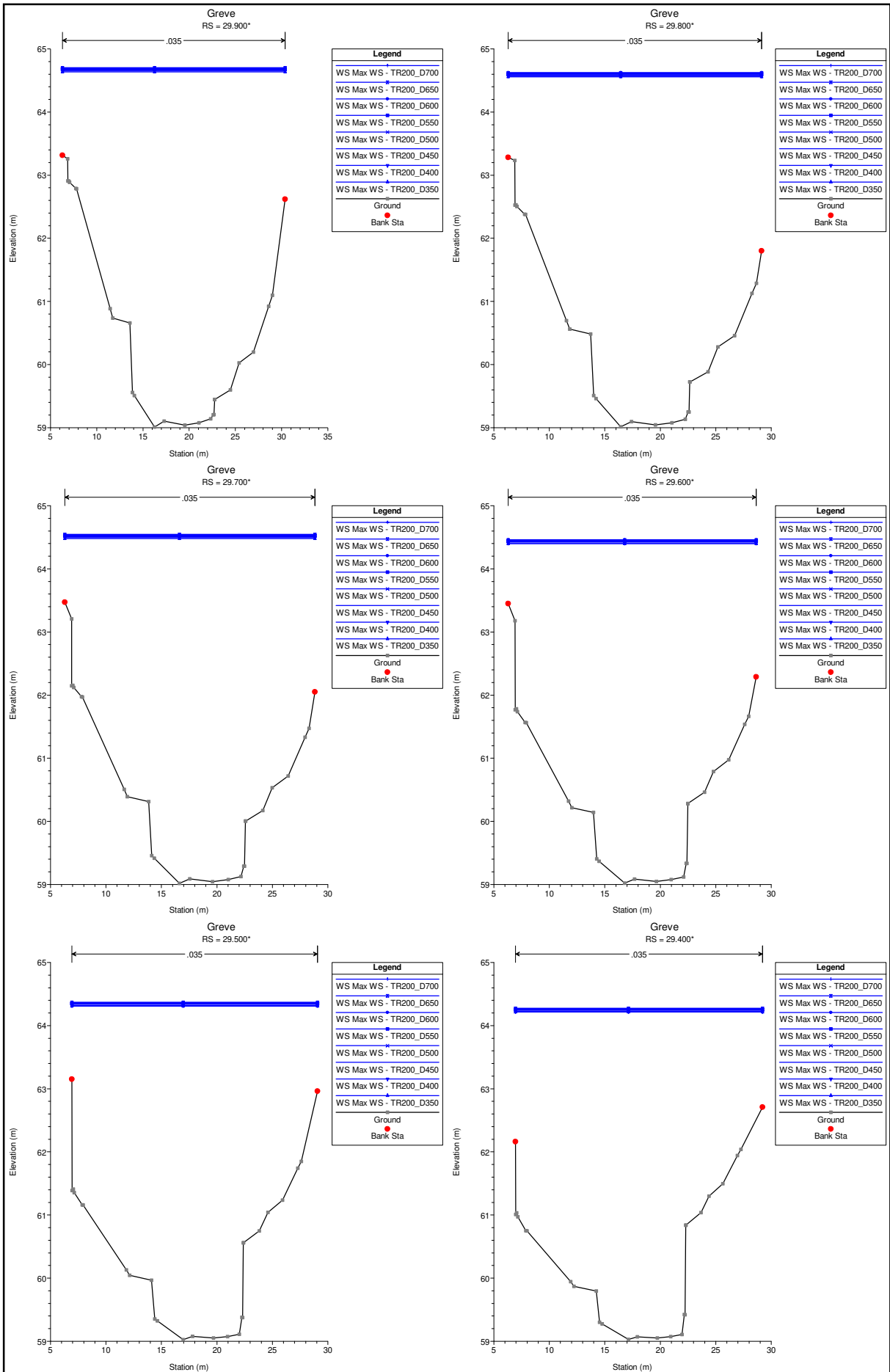


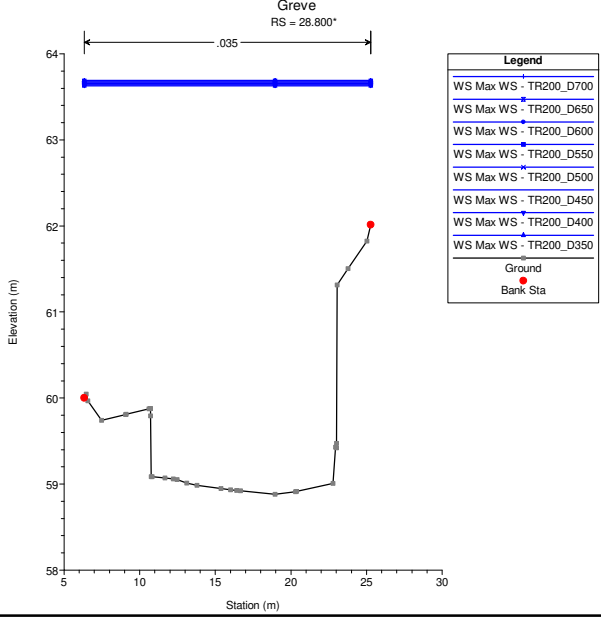
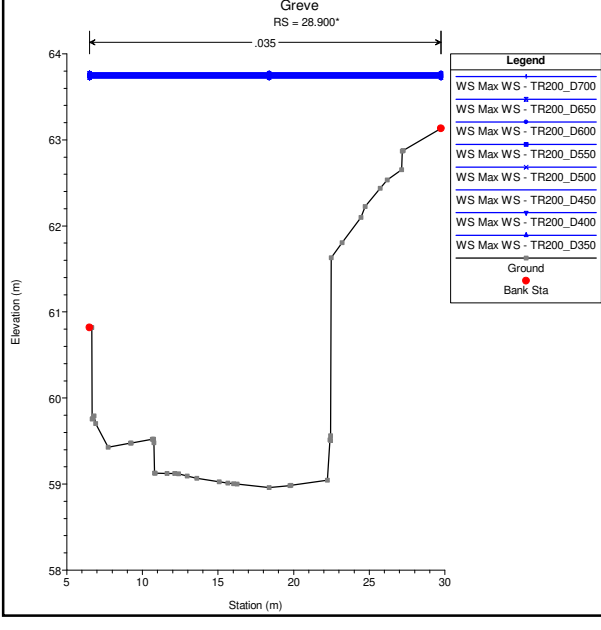
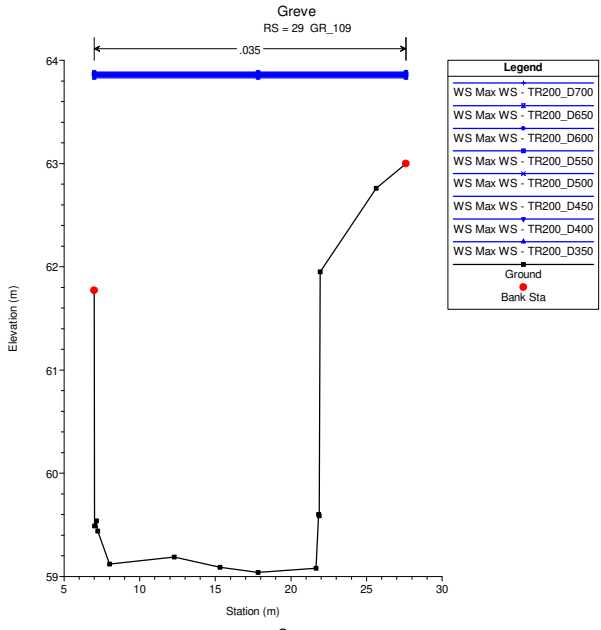
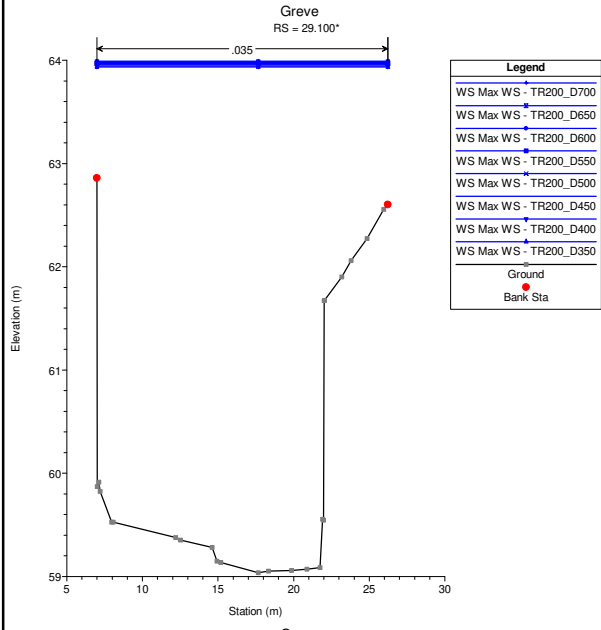
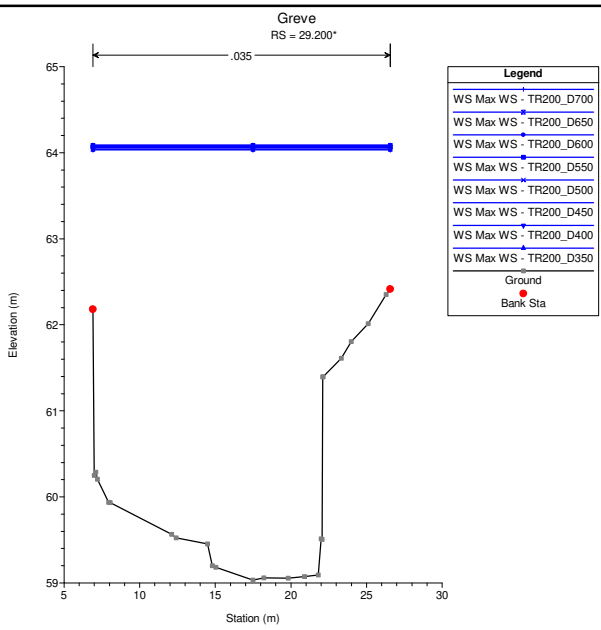
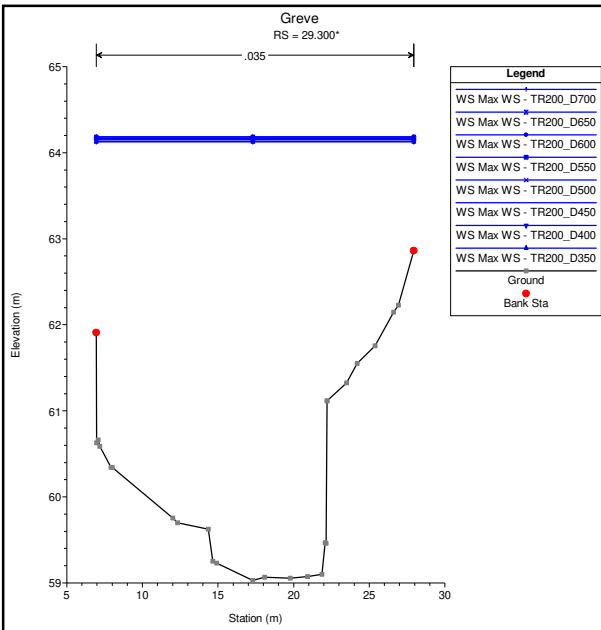


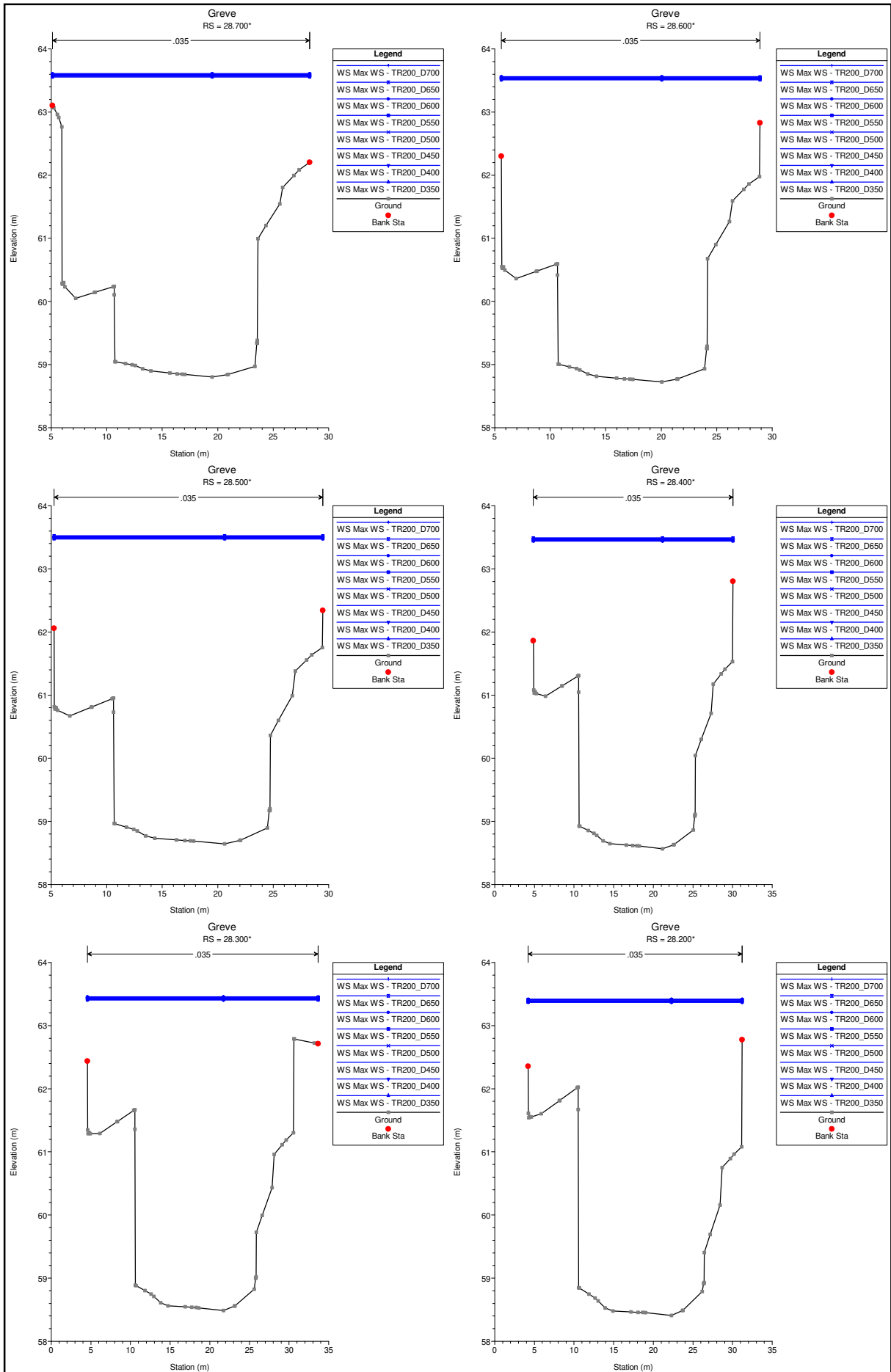


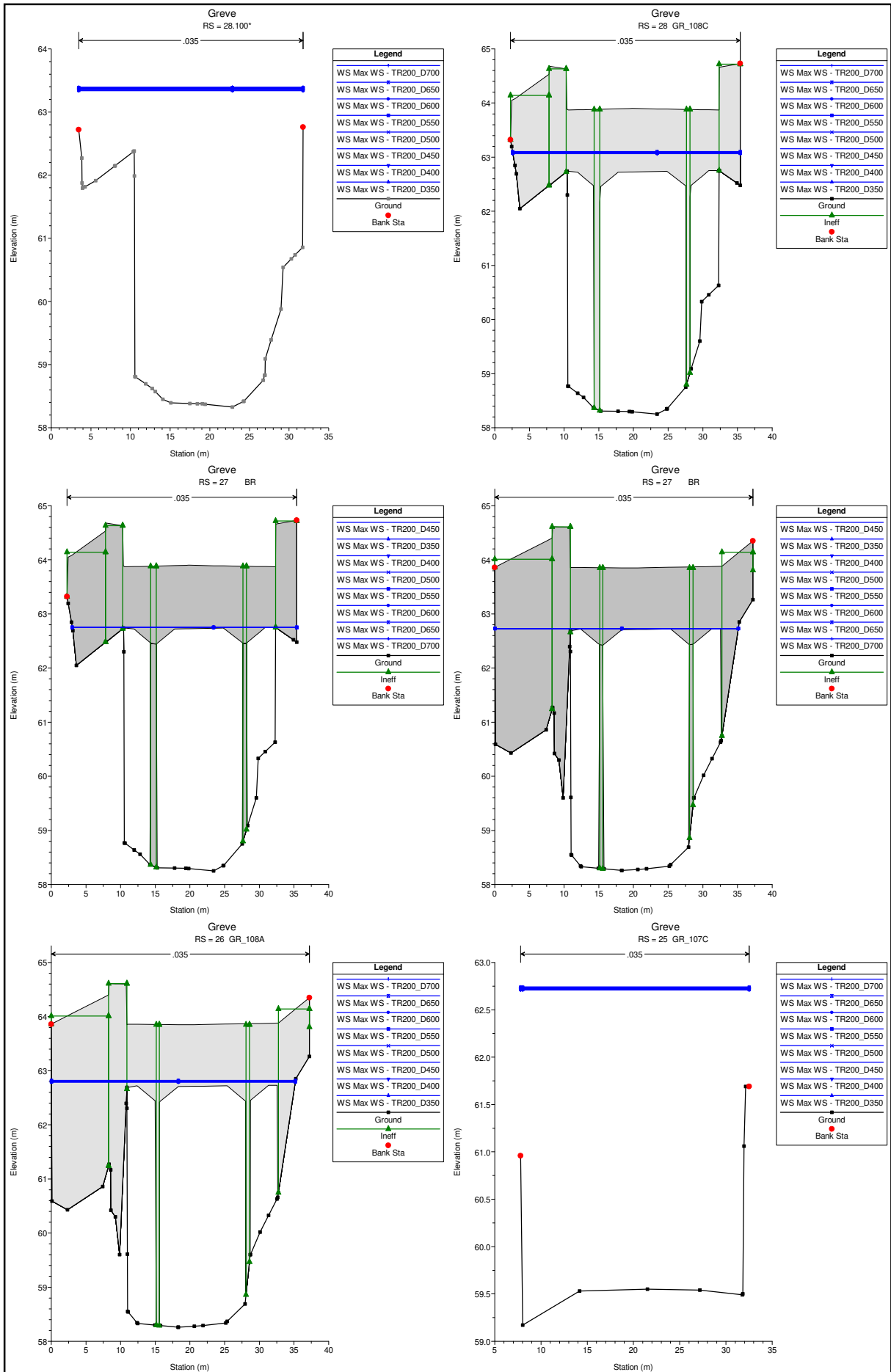


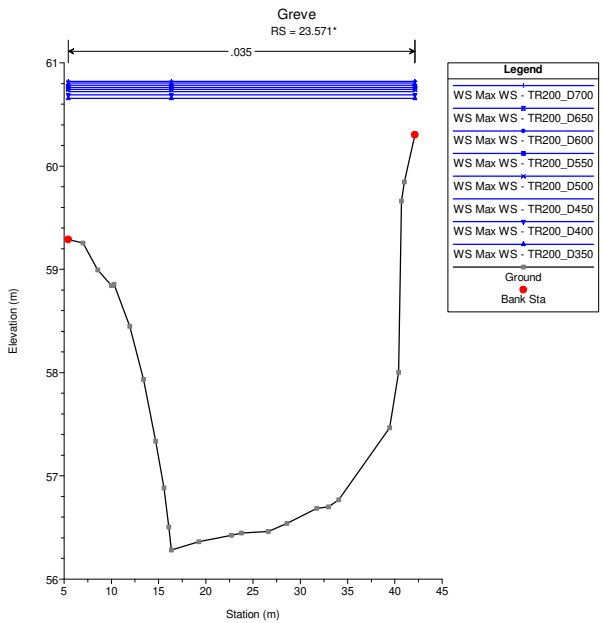
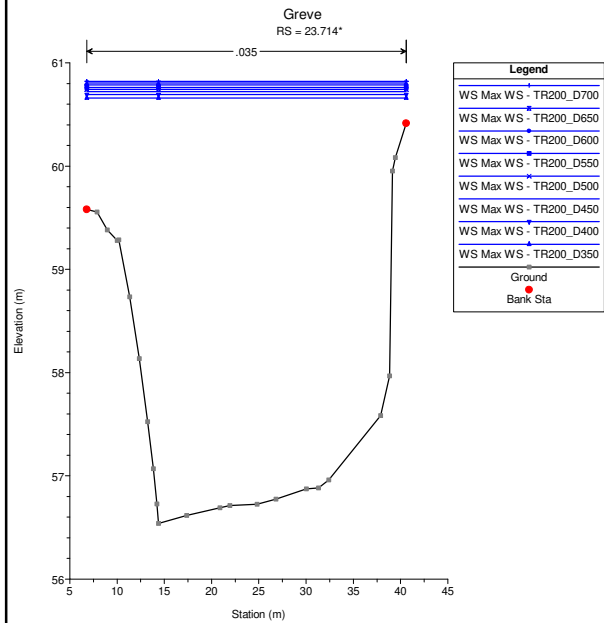
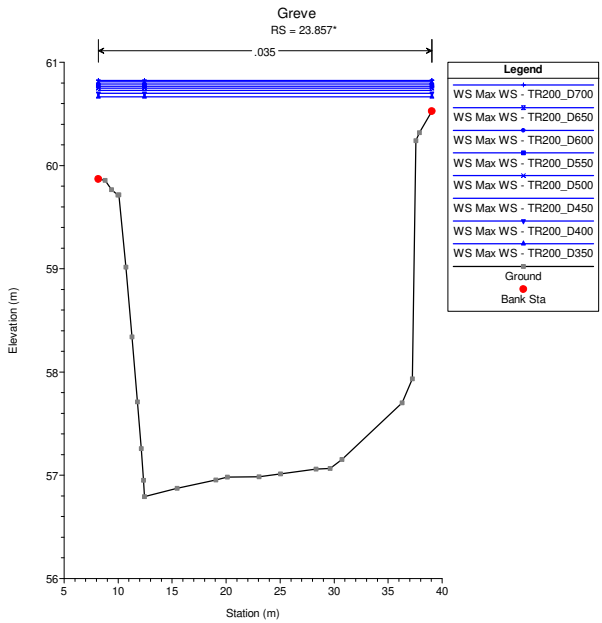
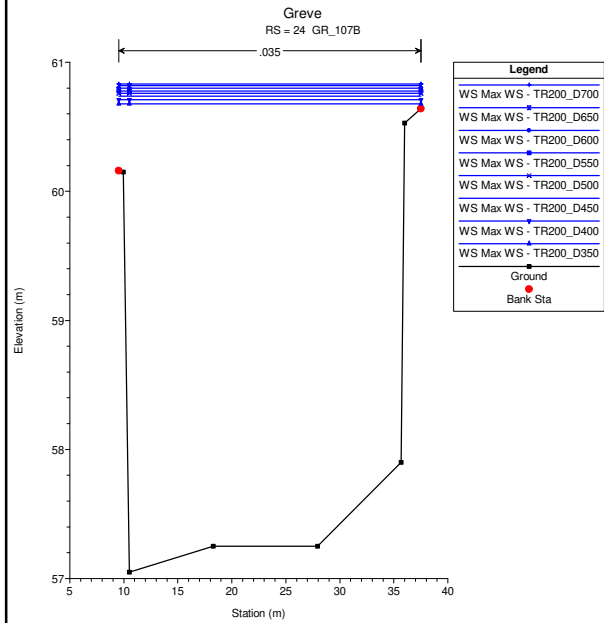
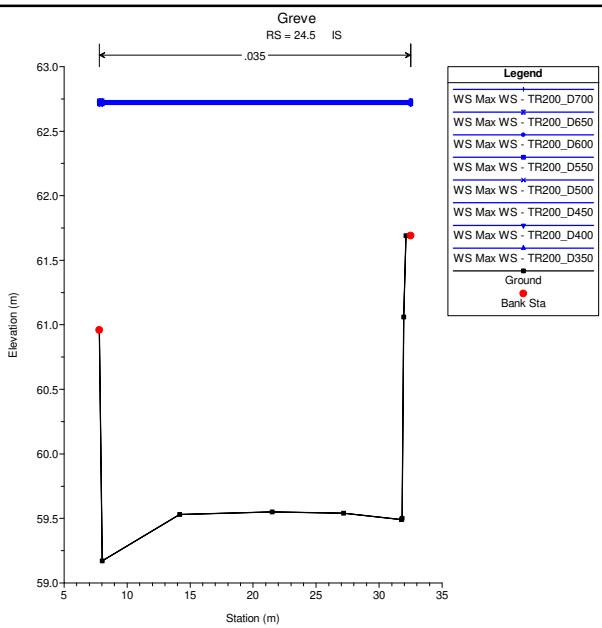
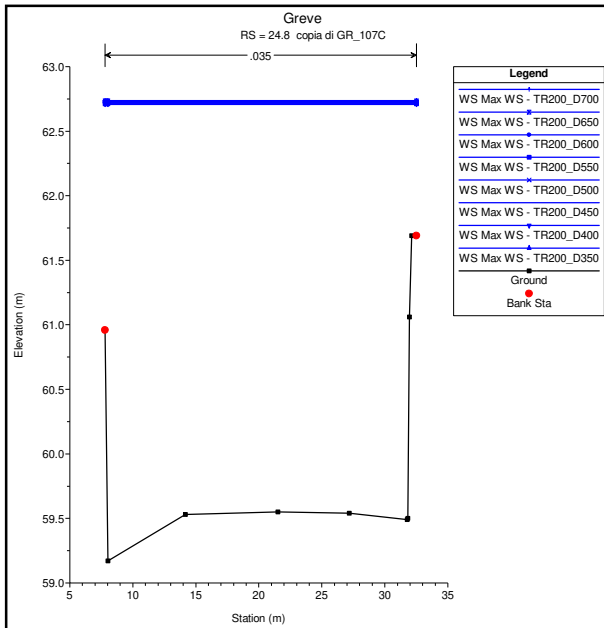


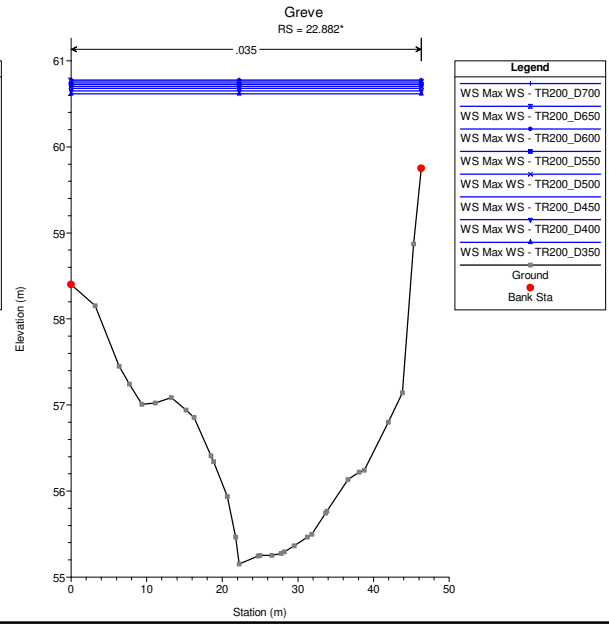
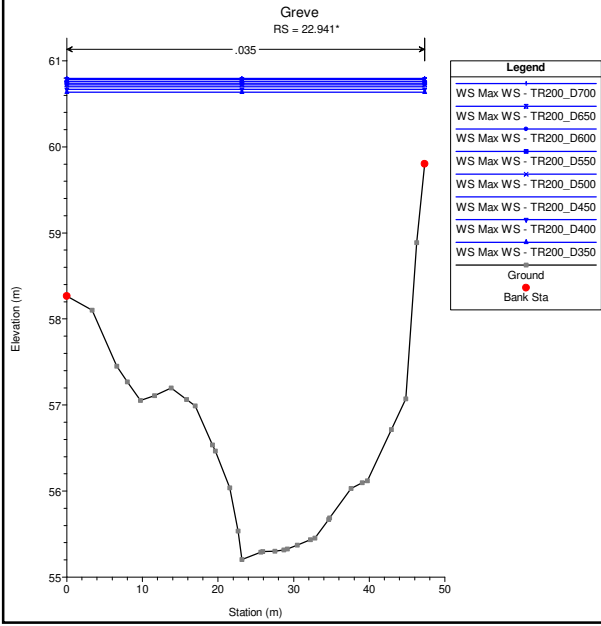
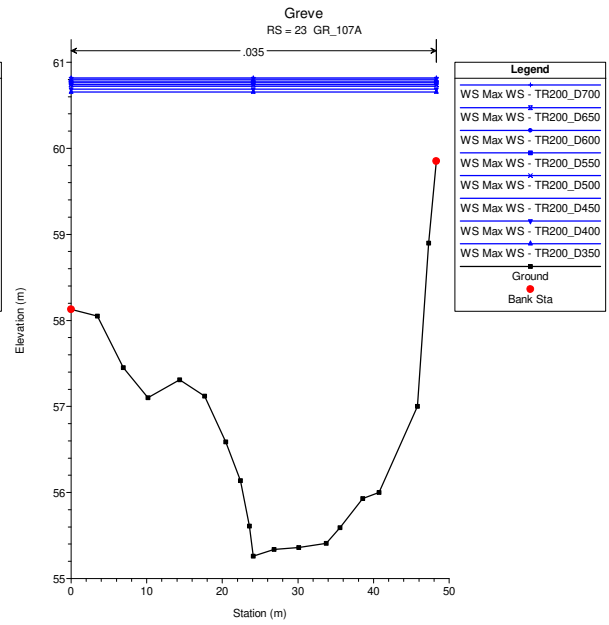
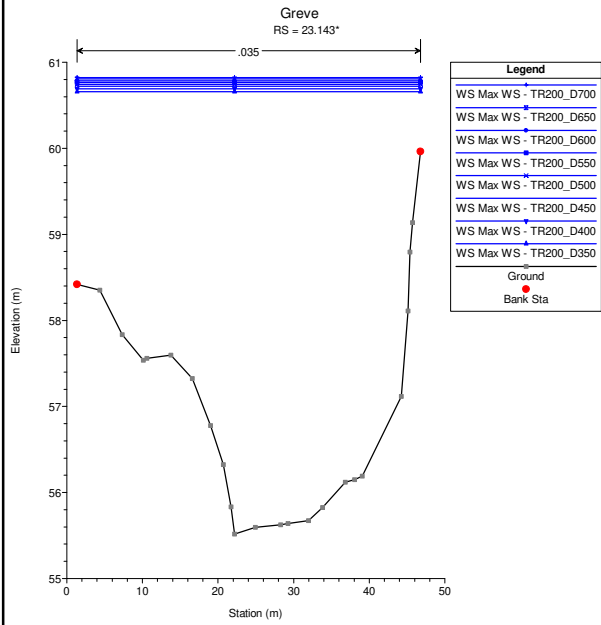
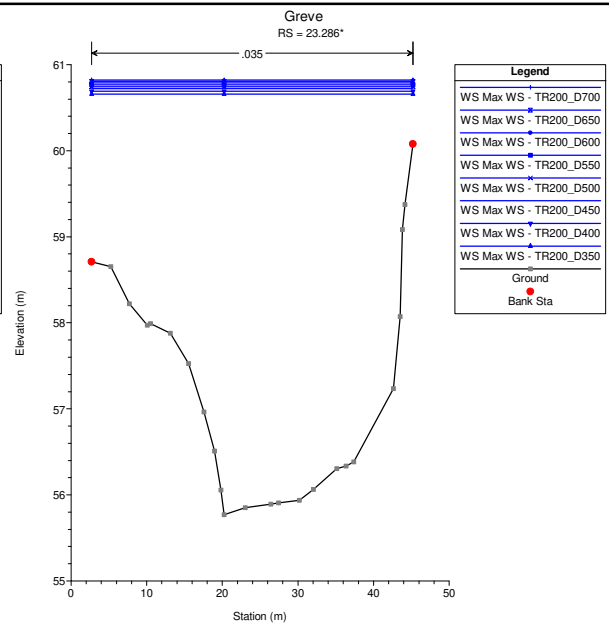
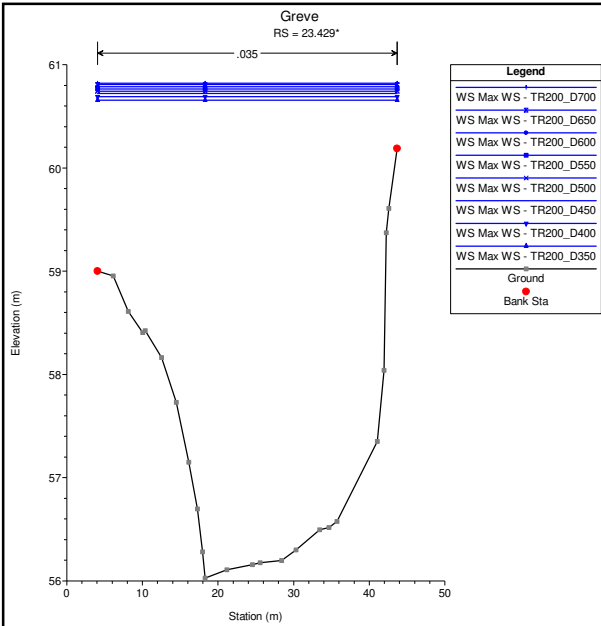


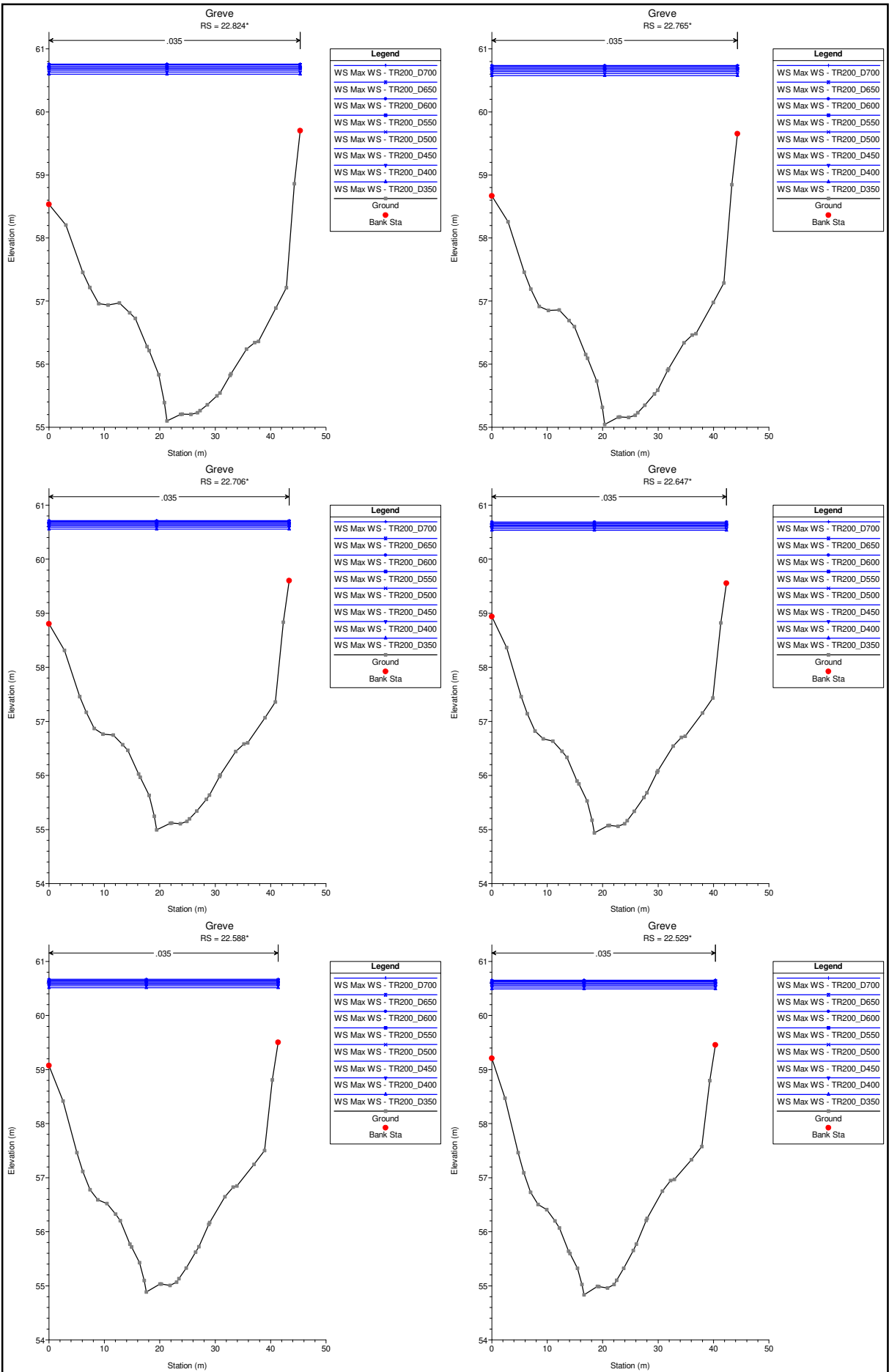


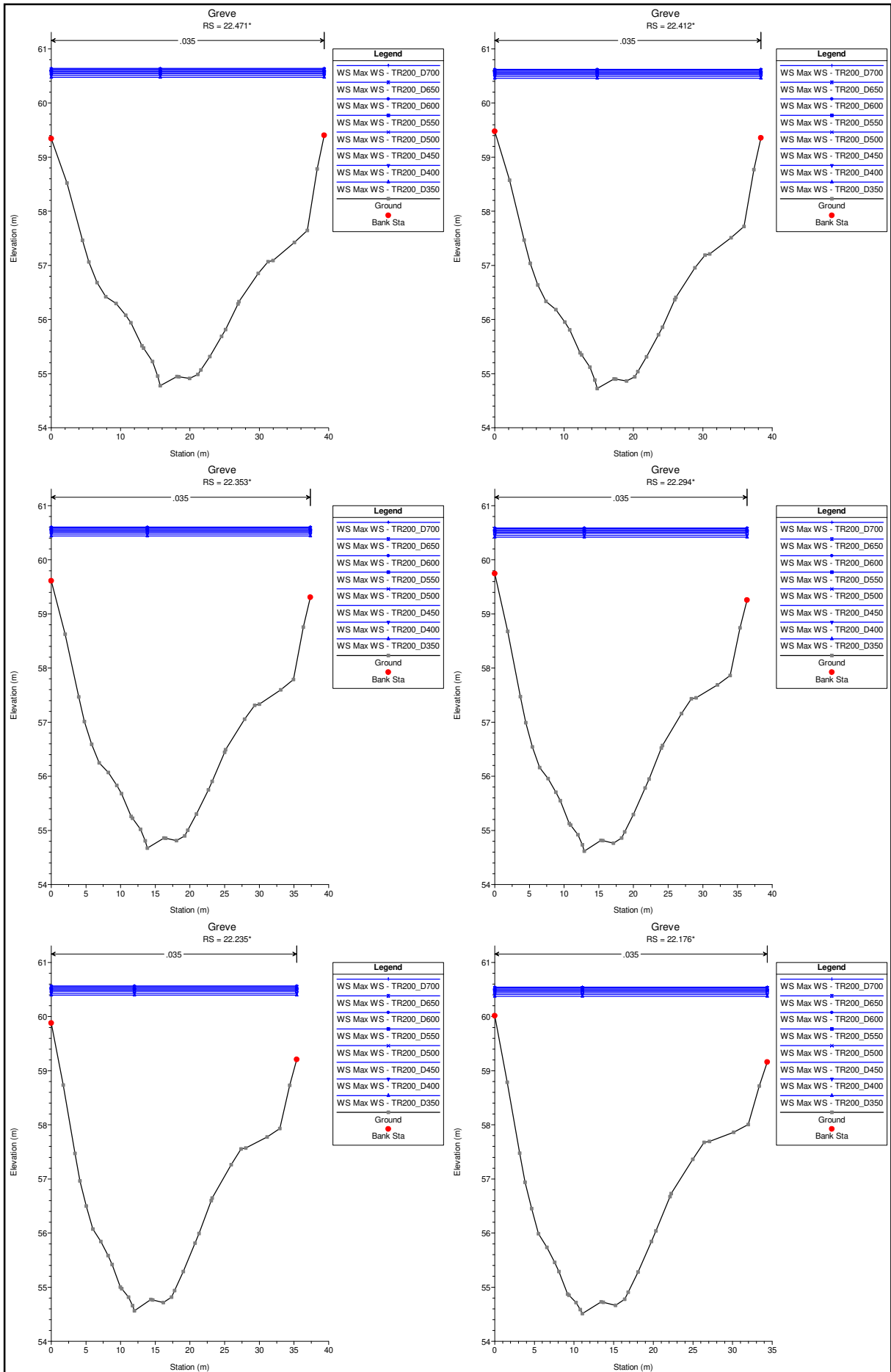


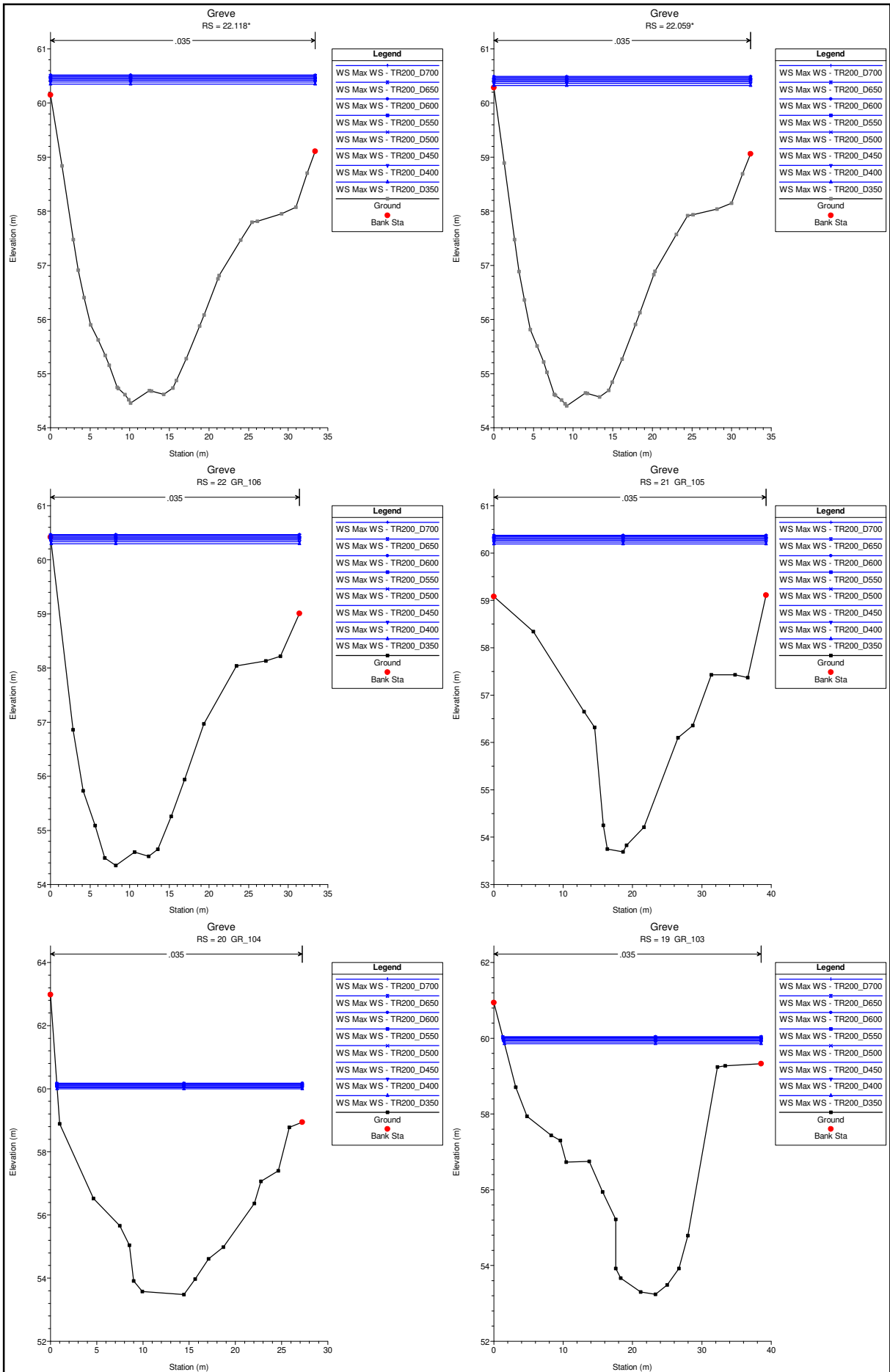


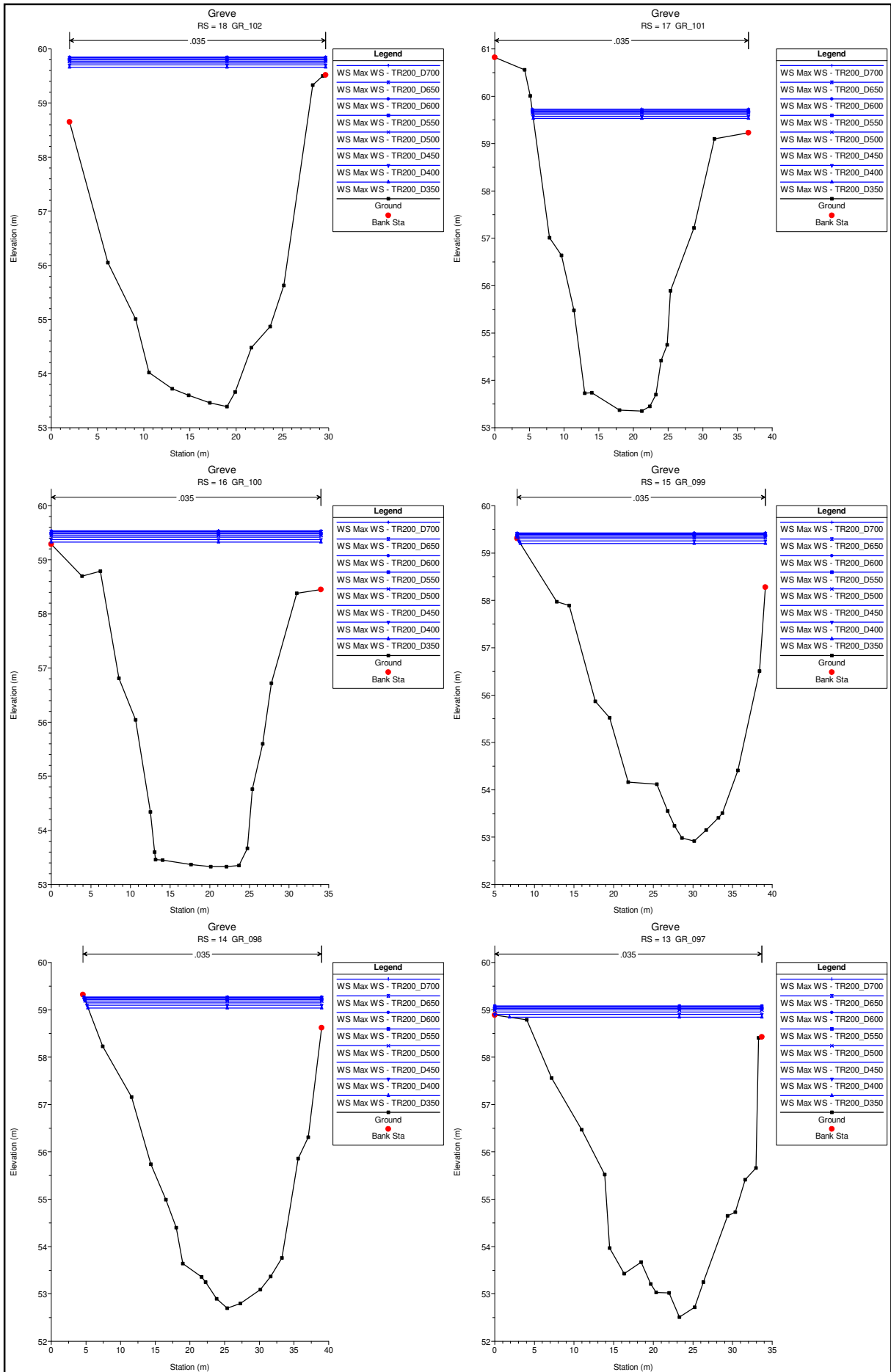


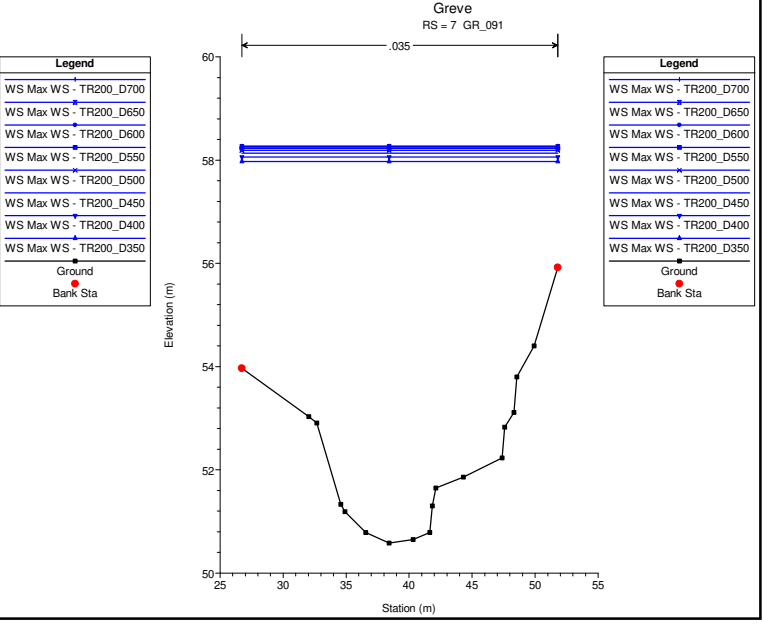
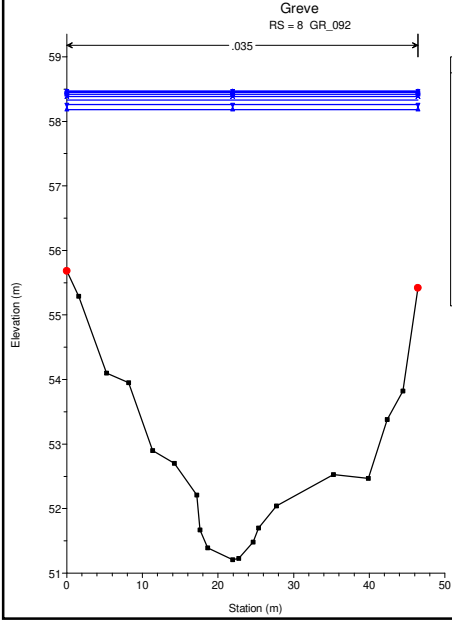
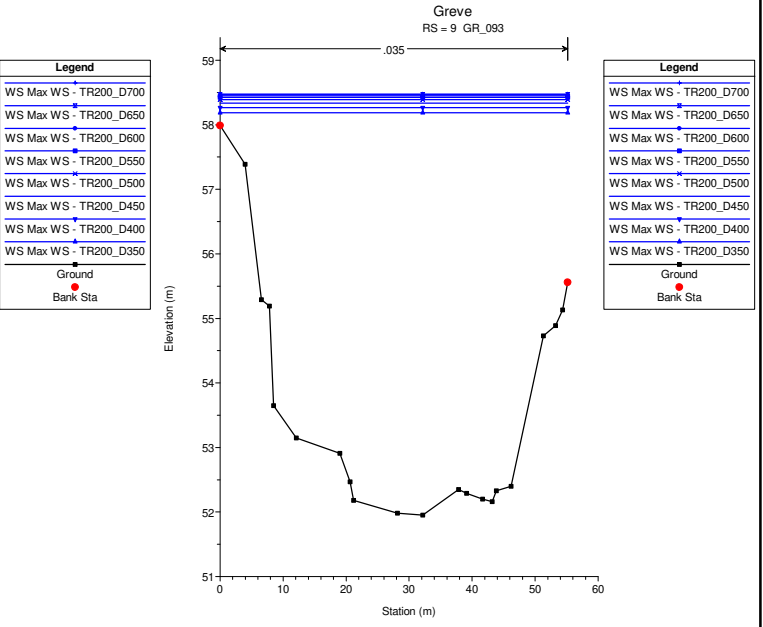
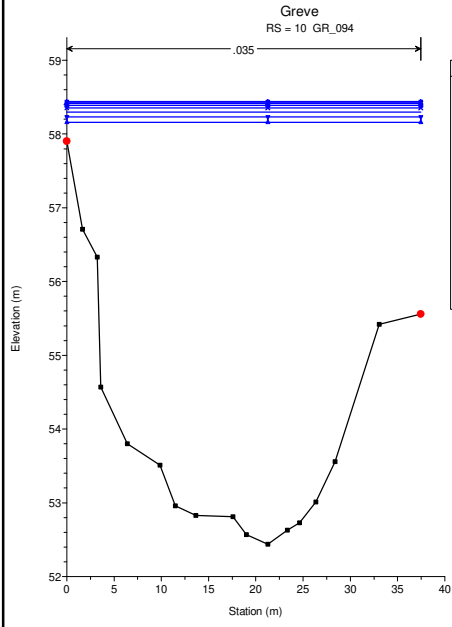
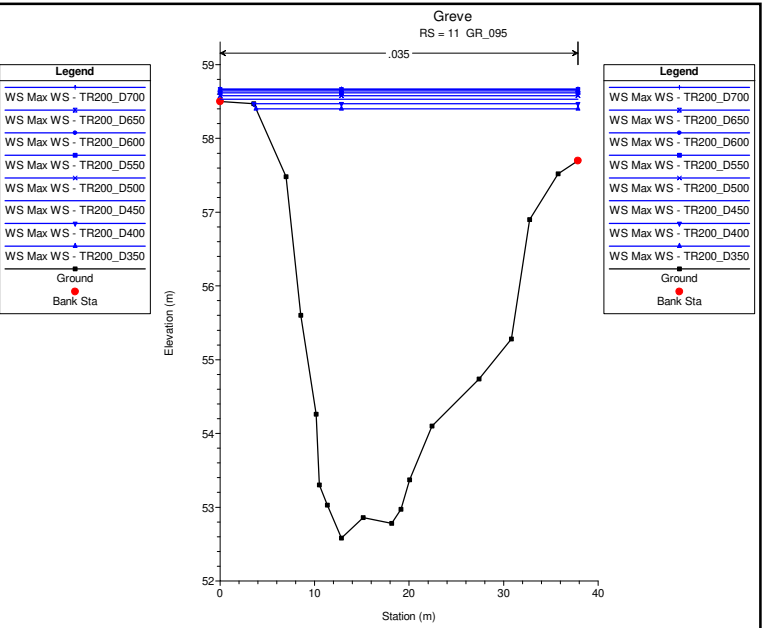
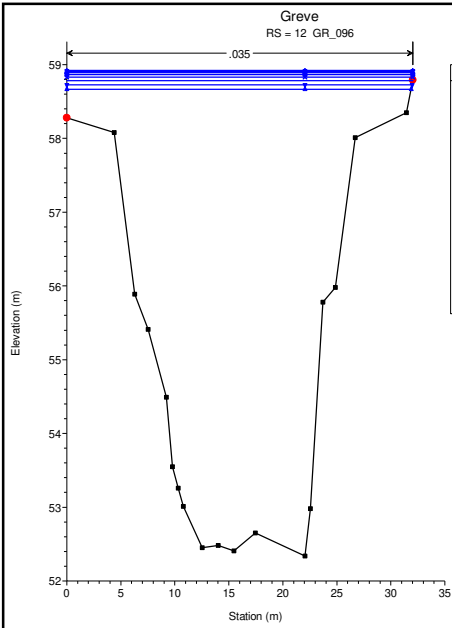


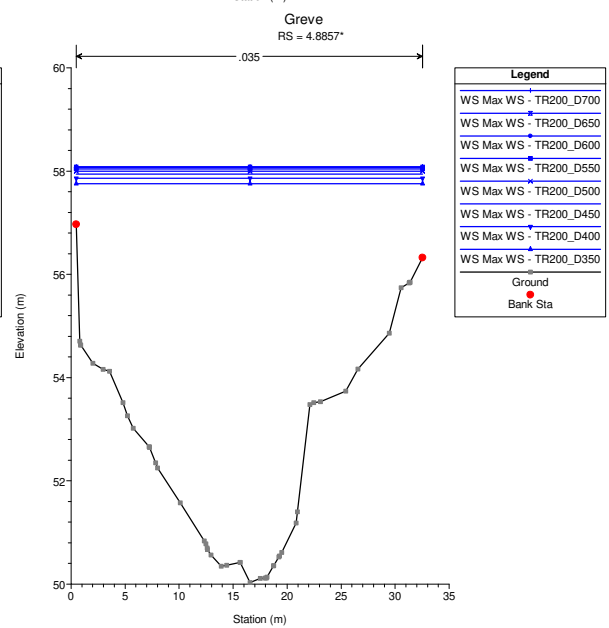
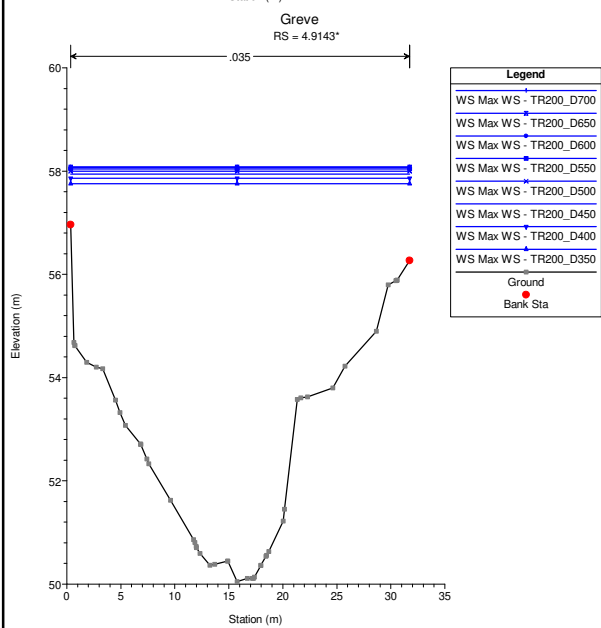
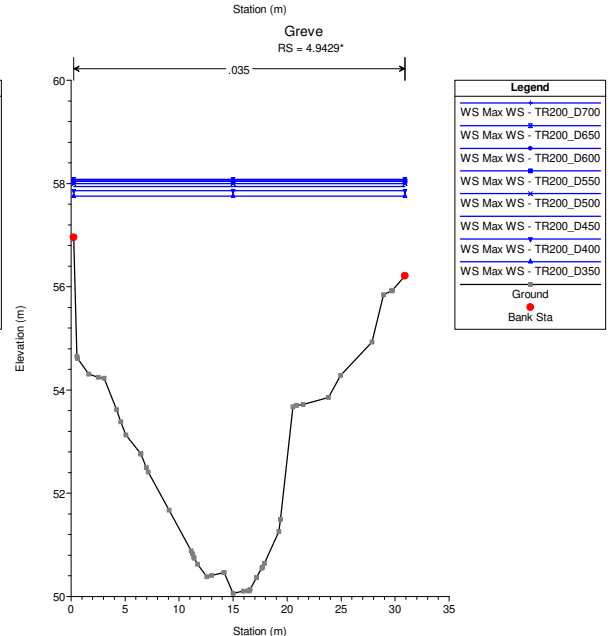
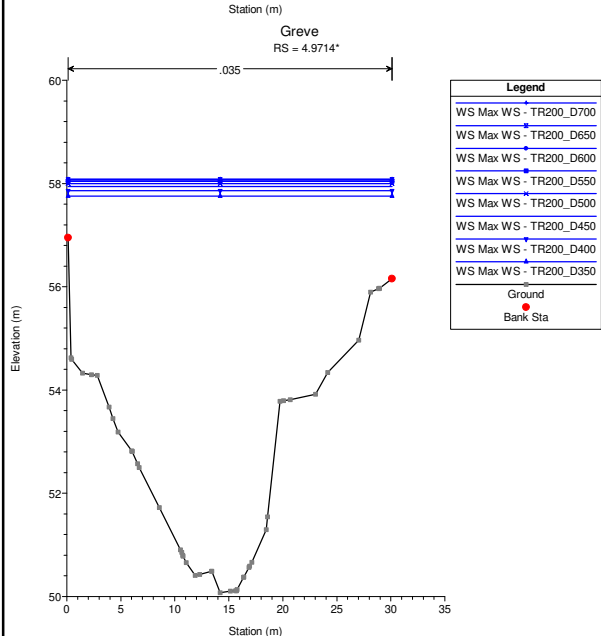
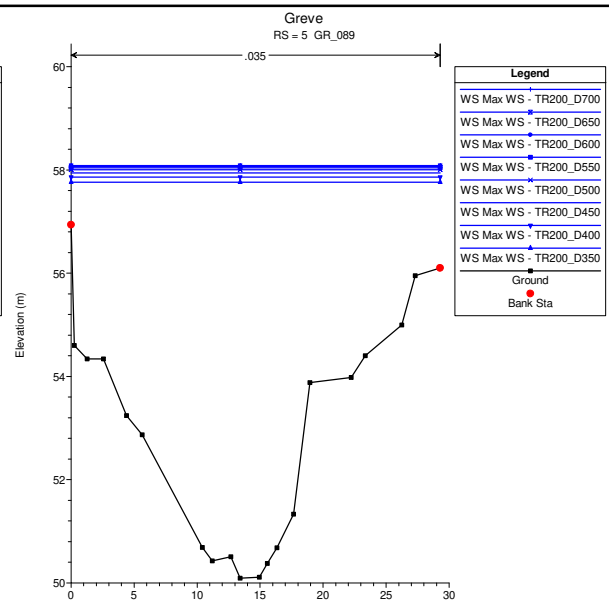
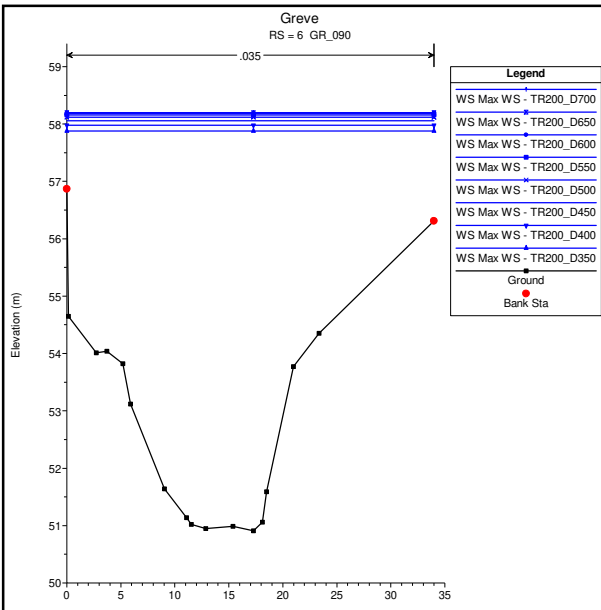


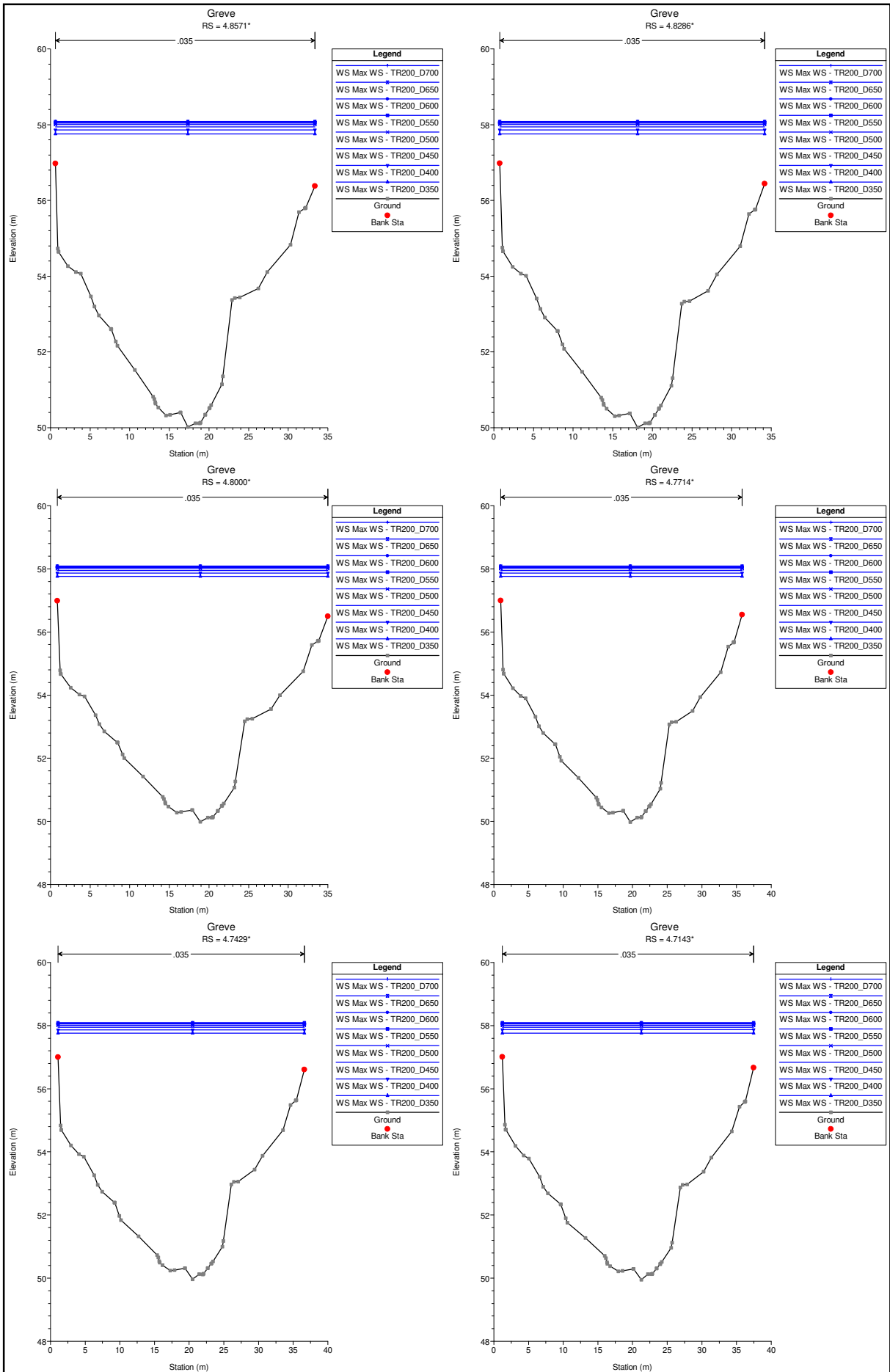


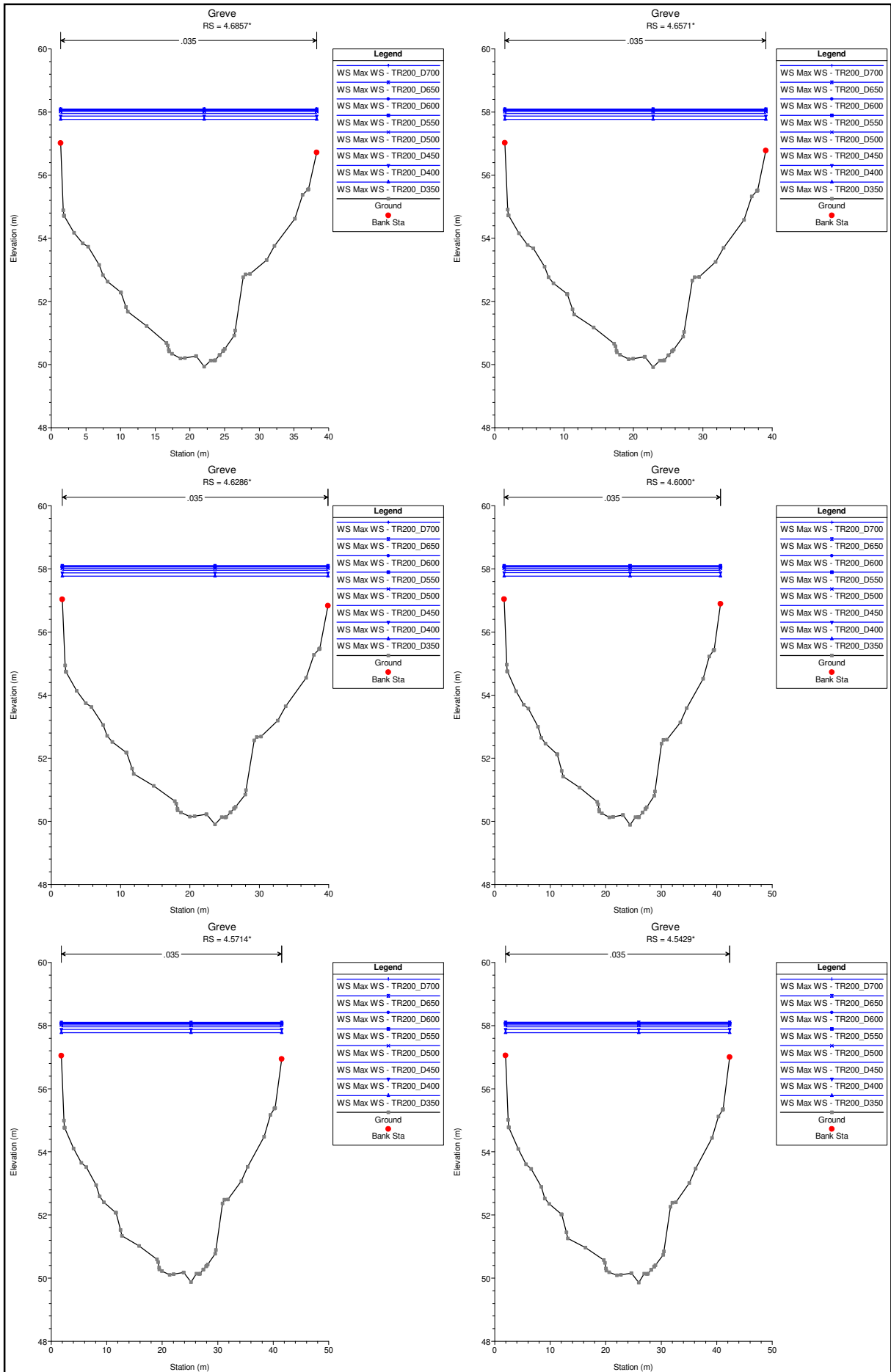


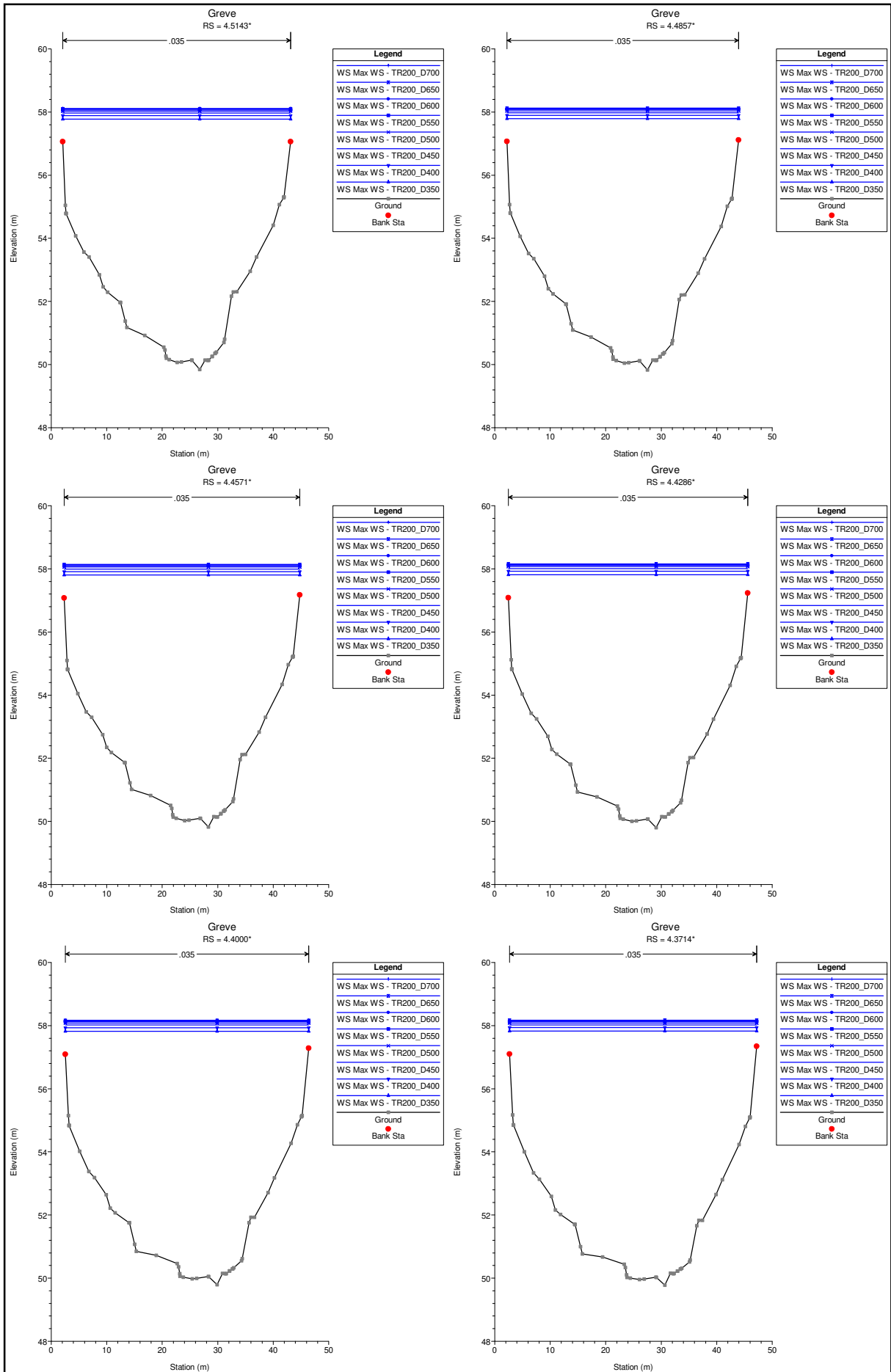


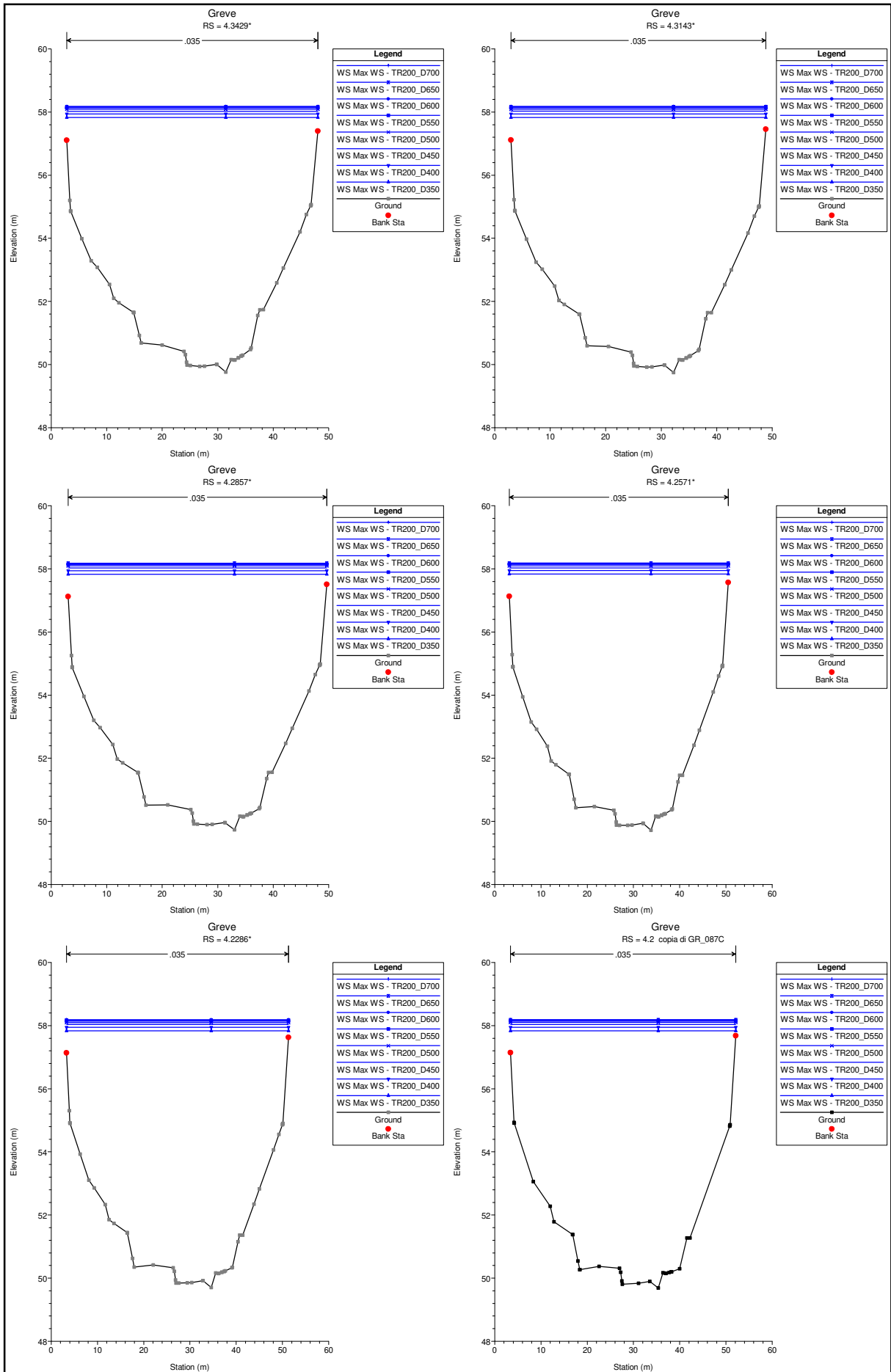


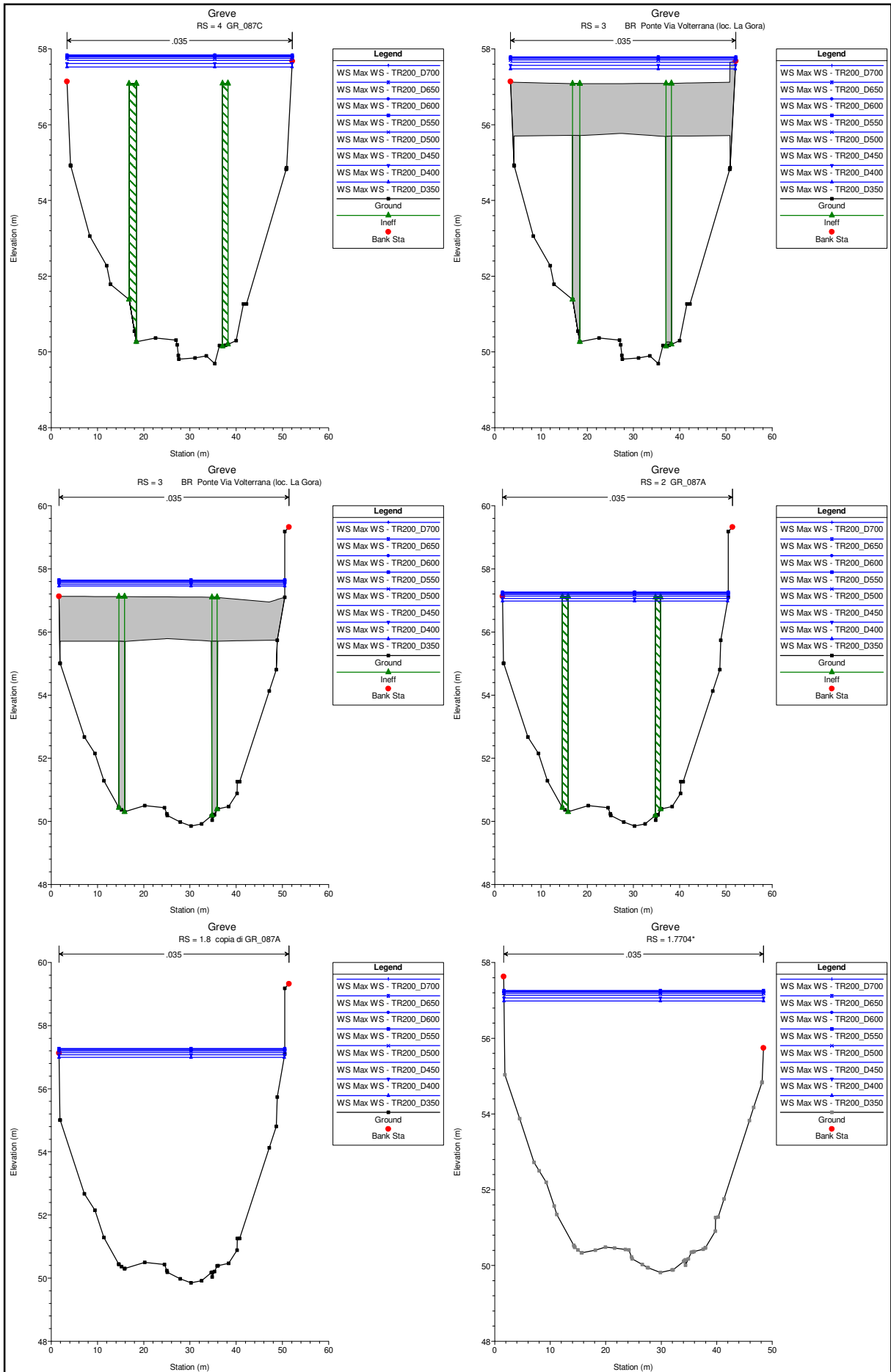


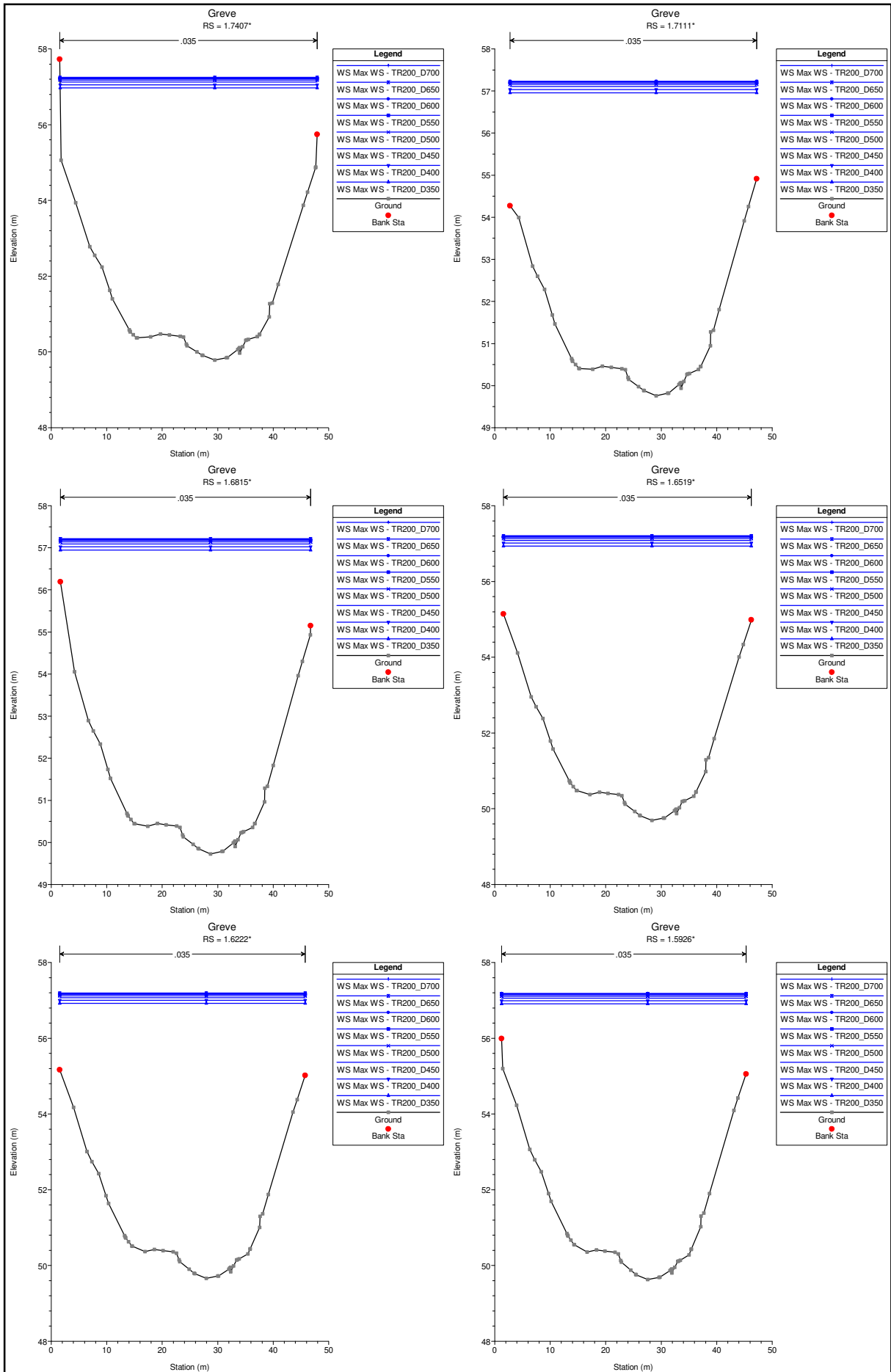


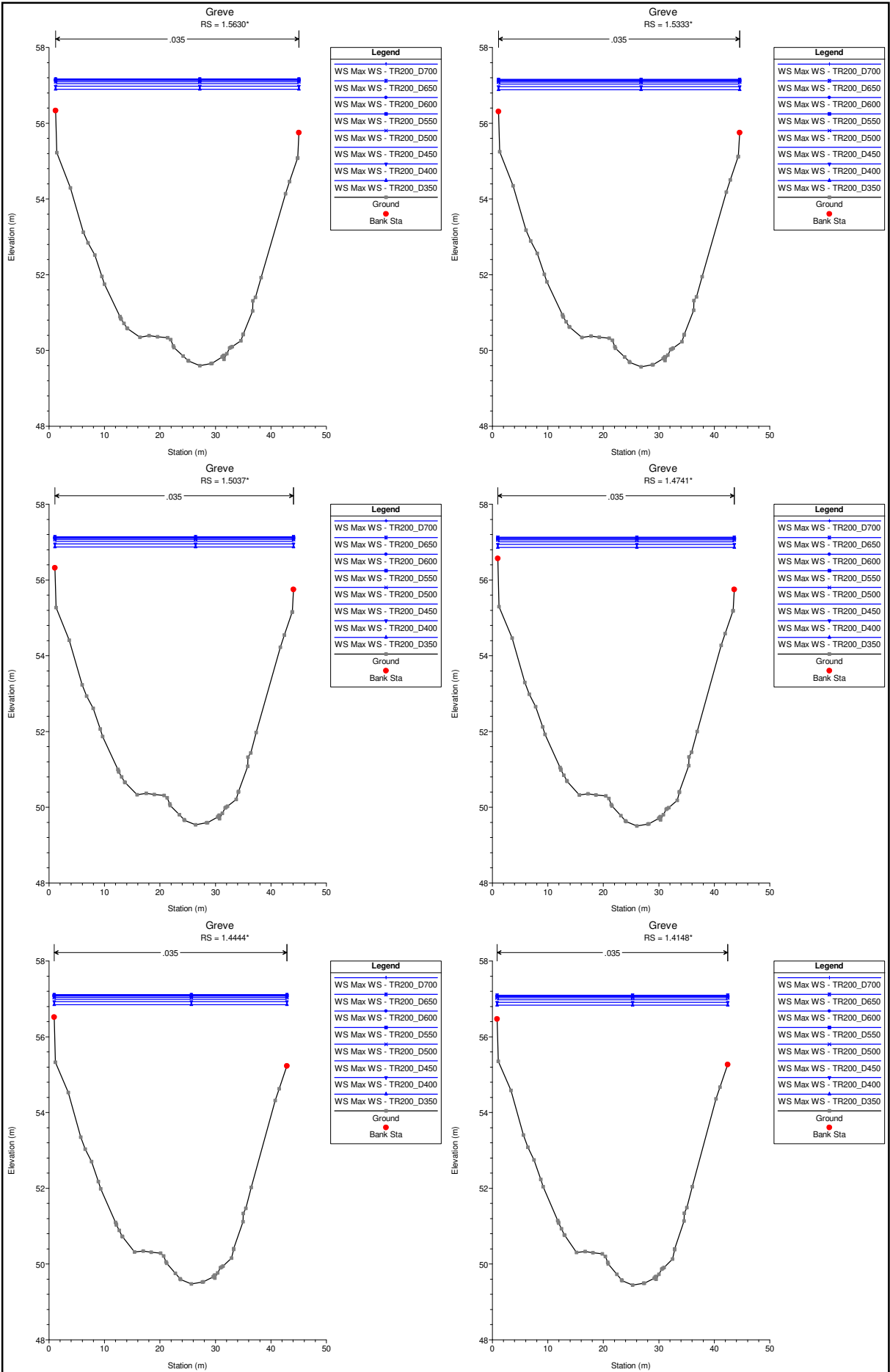


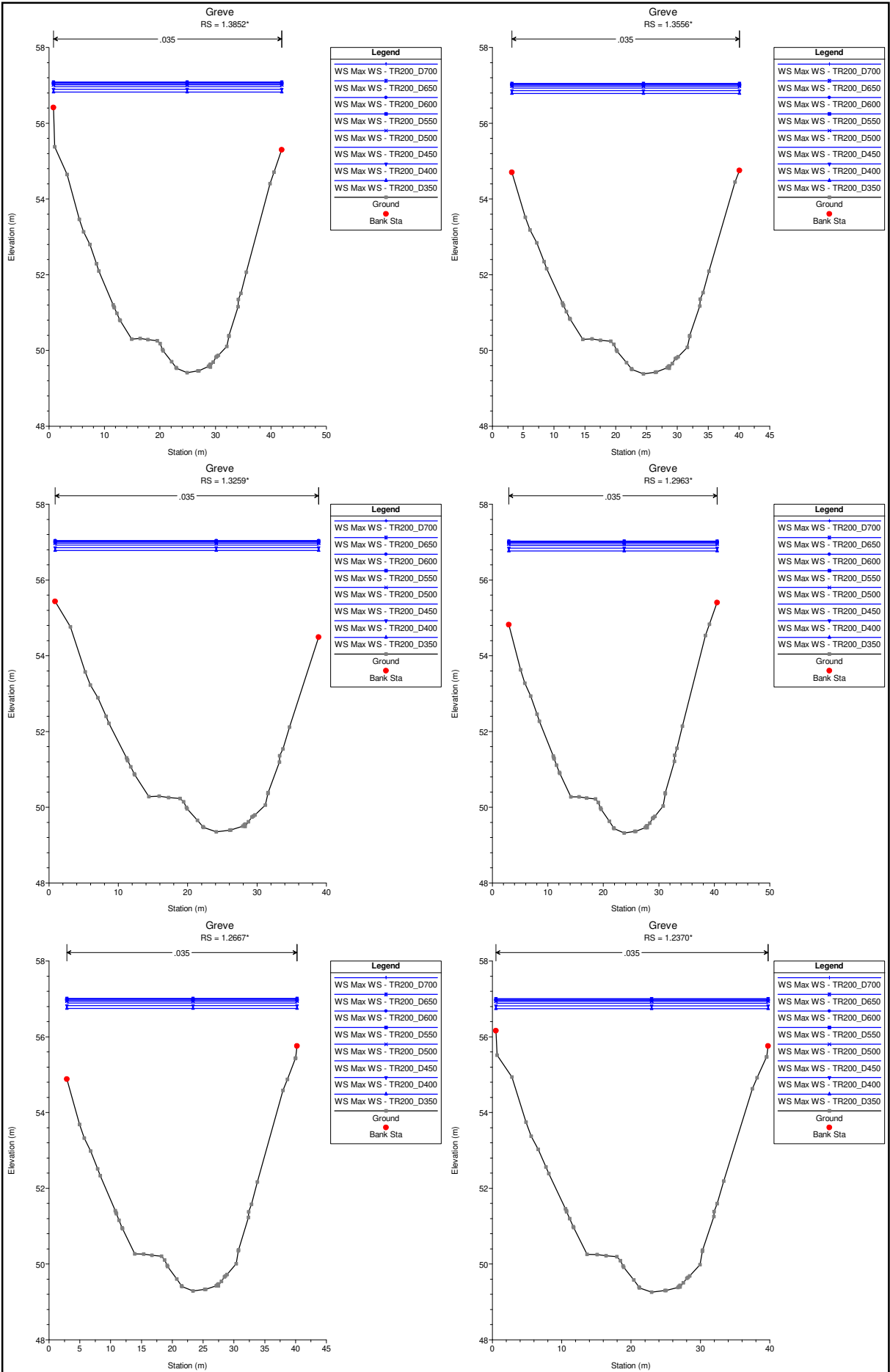


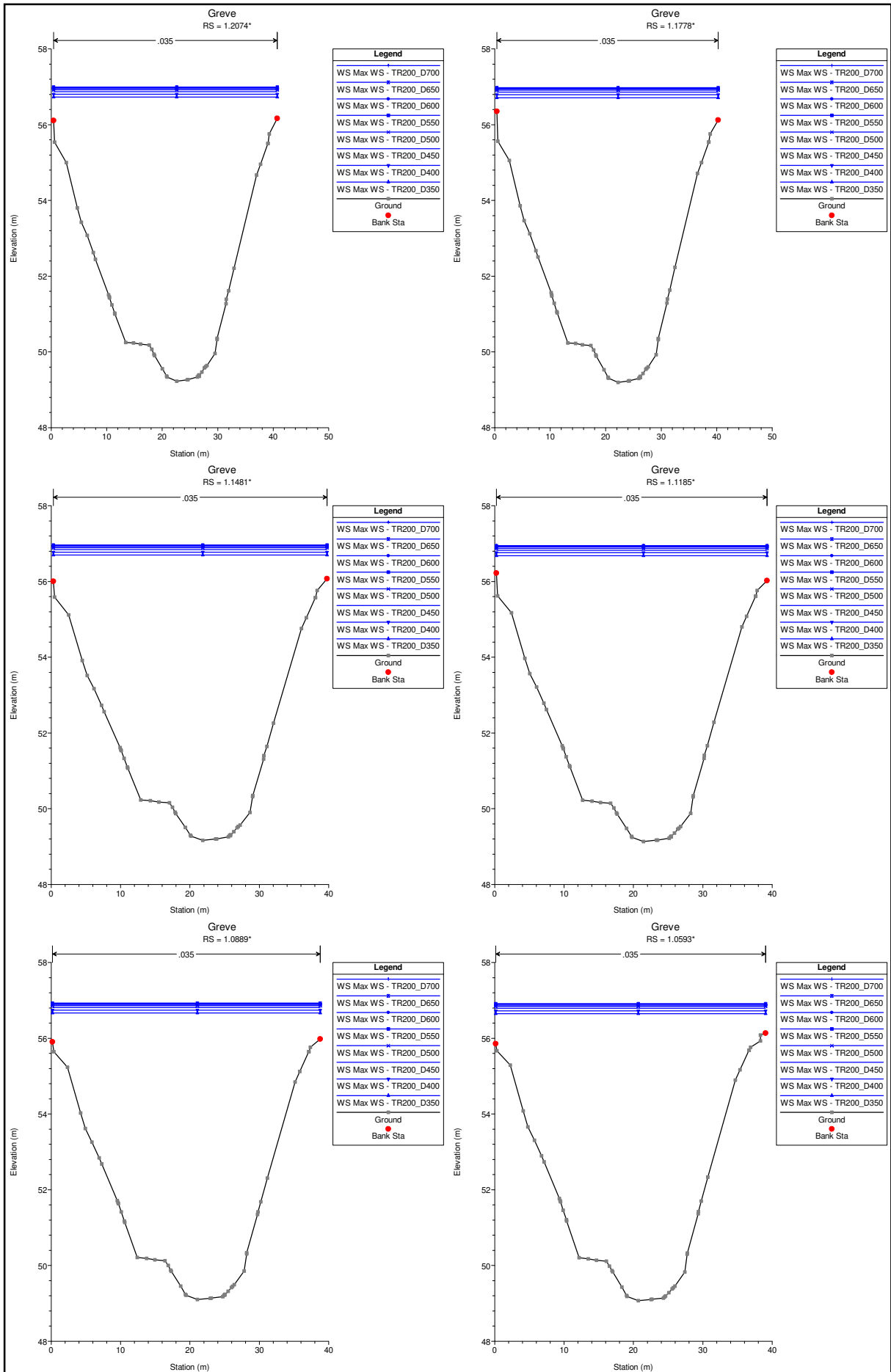


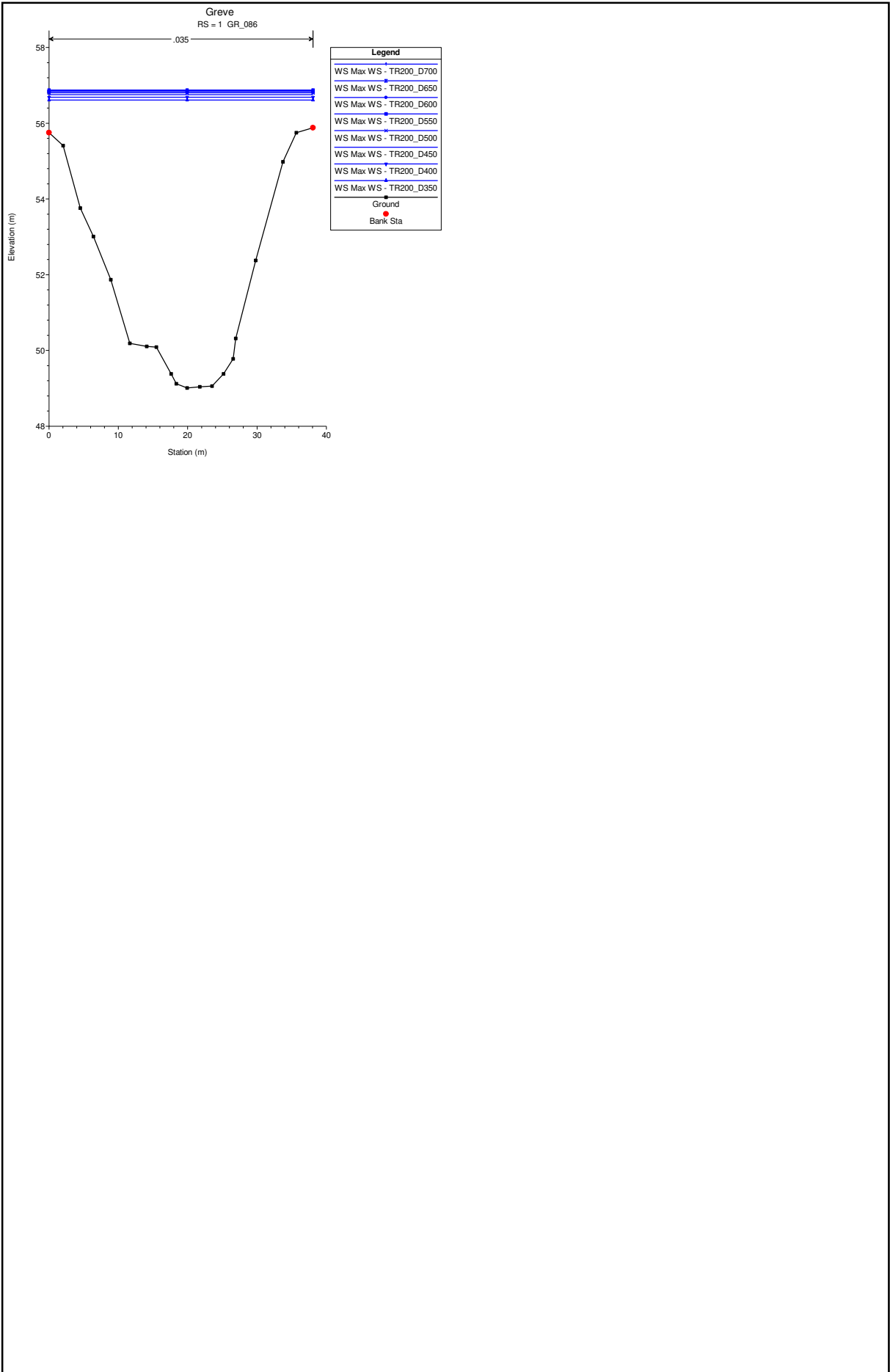












HEC-RAS River: Greve Reach: GR Profile: Max WS

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
GR	314	Max WS	TR200_D450	328.29	130.30	135.38		136.40	0.006987	4.47	73.44	23.74	0.81
GR	314	Max WS	TR200_D350	327.96	130.30	135.38		136.39	0.006991	4.47	73.37	23.74	0.81
GR	314	Max WS	TR200_D400	329.49	130.30	135.39		136.41	0.006996	4.48	73.59	23.75	0.81
GR	314	Max WS	TR200_D500	325.26	130.30	135.36		136.37	0.006978	4.46	73.01	23.71	0.81
GR	314	Max WS	TR200_D550	320.26	130.30	135.33		136.33	0.006947	4.43	72.34	23.66	0.81
GR	314	Max WS	TR200_D600	313.97	130.30	135.30		136.28	0.006909	4.39	71.50	23.60	0.81
GR	314	Max WS	TR200_D650	307.00	130.30	135.26		136.22	0.006872	4.35	70.54	23.54	0.80
GR	314	Max WS	TR200_D700	299.40	130.30	135.21		136.16	0.006825	4.31	69.50	23.46	0.80
GR	313.9		Lat Struct										
GR	313.7		Lat Struct										
GR	313	Max WS	TR200_D450	291.74	129.39	134.98		135.70	0.004989	3.76	77.68	25.46	0.69
GR	313	Max WS	TR200_D350	291.50	129.39	134.97		135.69	0.004993	3.76	77.61	25.45	0.69
GR	313	Max WS	TR200_D400	292.69	129.39	134.98		135.70	0.004996	3.76	77.82	25.48	0.69
GR	313	Max WS	TR200_D500	289.30	129.39	134.96		135.68	0.004982	3.75	77.24	25.41	0.69
GR	313	Max WS	TR200_D550	285.37	129.39	134.94		135.64	0.004962	3.73	76.60	25.33	0.68
GR	313	Max WS	TR200_D600	280.36	129.39	134.90		135.60	0.004933	3.70	75.79	25.24	0.68
GR	313	Max WS	TR200_D650	274.80	129.39	134.87		135.55	0.004906	3.67	74.85	25.13	0.68
GR	313	Max WS	TR200_D700	268.72	129.39	134.83		135.50	0.004869	3.64	73.86	25.01	0.68
GR	312	Max WS	TR200_D450	273.69	128.94	134.73		135.56	0.006001	4.02	68.05	22.86	0.74
GR	312	Max WS	TR200_D350	273.47	128.94	134.73		135.55	0.006007	4.02	67.98	22.85	0.74
GR	312	Max WS	TR200_D400	274.48	128.94	134.74		135.56	0.006007	4.03	68.17	22.88	0.74
GR	312	Max WS	TR200_D500	271.56	128.94	134.72		135.54	0.005994	4.01	67.67	22.79	0.74
GR	312	Max WS	TR200_D550	268.38	128.94	134.69		135.51	0.005984	4.00	67.11	22.69	0.74
GR	312	Max WS	TR200_D600	264.17	128.94	134.66		135.47	0.005957	3.98	66.41	22.57	0.74
GR	312	Max WS	TR200_D650	259.40	128.94	134.62		135.42	0.005931	3.95	65.59	22.42	0.74
GR	312	Max WS	TR200_D700	254.38	128.94	134.58		135.37	0.005903	3.93	64.73	22.26	0.74
GR	311	Max WS	TR200_D450	252.49	129.27	134.39		134.91	0.003612	3.18	79.43	27.98	0.60
GR	311	Max WS	TR200_D350	252.19	129.27	134.39		134.91	0.003616	3.18	79.34	27.97	0.60
GR	311	Max WS	TR200_D400	253.06	129.27	134.40		134.92	0.003609	3.18	79.57	27.98	0.60
GR	311	Max WS	TR200_D500	250.74	129.27	134.38		134.89	0.003622	3.17	78.99	27.96	0.60
GR	311	Max WS	TR200_D550	248.34	129.27	134.35		134.87	0.003645	3.17	78.33	27.93	0.60
GR	311	Max WS	TR200_D600	245.15	129.27	134.33		134.84	0.003666	3.16	77.51	27.89	0.61
GR	311	Max WS	TR200_D650	241.36	129.27	134.29		134.80	0.003688	3.15	76.56	27.84	0.61
GR	311	Max WS	TR200_D700	237.44	129.27	134.25		134.76	0.003717	3.14	75.54	27.79	0.61
GR	310	Max WS	TR200_D450	234.85	128.85	134.24		134.76	0.003681	3.19	73.55	25.64	0.60
GR	310	Max WS	TR200_D350	234.52	128.85	134.24		134.76	0.003681	3.19	73.47	25.63	0.60
GR	310	Max WS	TR200_D400	235.26	128.85	134.25		134.77	0.003675	3.19	73.69	25.66	0.60
GR	310	Max WS	TR200_D500	233.41	128.85	134.23		134.75	0.003693	3.19	73.14	25.59	0.60
GR	310	Max WS	TR200_D550	231.37	128.85	134.20		134.72	0.003717	3.19	72.51	25.51	0.60
GR	310	Max WS	TR200_D600	228.80	128.85	134.17		134.69	0.003745	3.19	71.73	25.42	0.61
GR	310	Max WS	TR200_D650	225.63	128.85	134.14		134.65	0.003772	3.19	70.83	25.31	0.61
GR	310	Max WS	TR200_D700	222.34	128.85	134.10		134.62	0.003805	3.18	69.87	25.19	0.61
GR	309	Max WS	TR200_D450	236.13	129.04	134.05		134.52	0.002932	3.06	77.21	23.22	0.54
GR	309	Max WS	TR200_D350	235.83	129.04	134.04		134.52	0.002934	3.06	77.14	23.22	0.54
GR	309	Max WS	TR200_D400	236.54	129.04	134.05		134.53	0.002928	3.06	77.34	23.22	0.54
GR	309	Max WS	TR200_D500	234.78	129.04	134.03		134.51	0.002943	3.06	76.82	23.22	0.54
GR	309	Max WS	TR200_D550	232.65	129.04	134.00		134.48	0.002961	3.05	76.21	23.22	0.54
GR	309	Max WS	TR200_D600	230.00	129.04	133.97		134.45	0.002981	3.05	75.47	23.22	0.54
GR	309	Max WS	TR200_D650	226.82	129.04	133.93		134.41	0.003002	3.04	74.60	23.22	0.54
GR	309	Max WS	TR200_D700	223.34	129.04	133.89		134.36	0.003022	3.03	73.68	23.22	0.54
GR	308	Max WS	TR200_D450	259.45	128.77	133.88		134.29	0.003192	2.84	91.46	34.82	0.56
GR	308	Max WS	TR200_D350	259.09	128.77	133.87		134.28	0.003196	2.84	91.34	34.82	0.56
GR	308	Max WS	TR200_D400	259.98	128.77	133.88		134.29	0.003183	2.84	91.66	34.82	0.56
GR	308	Max WS	TR200_D500	257.81	128.77	133.86		134.27	0.003219	2.84	90.86	34.82	0.56
GR	308	Max WS	TR200_D550	255.16	128.77	133.83		134.24	0.003259	2.84	89.91	34.82	0.56
GR	308	Max WS	TR200_D600	251.88	128.77	133.80		134.21	0.003308	2.84	88.75	34.82	0.57
GR	308	Max WS	TR200_D650	247.95	128.77	133.76		134.17	0.003362	2.84	87.43	34.82	0.57
GR	308	Max WS	TR200_D700	243.66	128.77	133.72		134.13	0.003421	2.83	85.99	34.82	0.58
GR	307	Max WS	TR200_D450	327.78	127.55	133.03		133.97	0.007388	4.30	76.30	28.68	0.84
GR	307	Max WS	TR200_D350	327.11	127.55	133.03		133.97	0.007382	4.29	76.21	28.67	0.84
GR	307	Max WS	TR200_D400	328.80	127.55	133.04		133.98	0.007387	4.30	76.47	28.70	0.84
GR	307	Max WS	TR200_D500	324.63	127.55	133.01		133.95	0.007394	4.28	75.78	28.62	0.84
GR	307	Max WS	TR200_D550	319.66	127.55	132.99		133.91	0.007396	4.26	74.98	28.53	0.84
GR	307	Max WS	TR200_D600	313.63	127.55	132.95		133.87	0.007404	4.24	73.98	28.42	0.84
GR	307	Max WS	TR200_D650	306.55	127.55	132.91		133.81	0.007411	4.21	72.81	28.28	0.84
GR	307	Max WS	TR200_D700	298.98	127.55	132.87		133.76	0.007418	4.18	71.56	28.14	0.84
GR	306	Max WS	TR200_D450	320.26	127.42	132.39		133.40	0.005838	4.44	72.20	20.66	0.76
GR	306	Max WS	TR200_D350	319.61	127.42	132.39		133.39	0.005823	4.43	72.16	20.66	0.76
GR	306	Max WS	TR200_D400	321.13	127.42	132.40		133.41	0.005842	4.44	72.31	20.66	0.76
GR	306	Max WS	TR200_D500	317.49	127.42	132.38		133.37	0.005819	4.42	71.85	20.66	0.76
GR	306	Max WS	TR200_D550	313.12	127.42	132.35		133.34	0.005779	4.39	71.35	20.66	0.75
GR	306	Max WS	TR200_D600	307.80	127.42	132.32		133.29	0.005745	4.36	70.67	20.66	0.75
GR	306	Max WS	TR200_D650	301.40	127.42	132.28		133.23	0.005697	4.31	69.88	20.66	0.75
GR	306	Max WS	TR200_D700	294.56	127.42	132.24		133.17	0.005647	4.27	69.01	20.66	0.75
GR	305	Max WS	TR200_D450	302.29	127.32	132.07		133.02	0.005597	4.31	70.11	19.92	0.73
GR	305	Max WS	TR200_D350	301.71	127.32	132.07		133.02	0.005579	4.30	70.09	19.92	0.73
GR	305	Max WS	TR200_D400	303.00	127.32	132.08		133.03	0.005599	4.32	70.21	19.92	0.73
GR	305	Max WS	TR200_D500	300.10	127.32	132.06		133.00	0.005587	4.30	69.81	19.92	0.73
GR	305	Max WS	TR200_D550	296.50	127.32	132.04		132.97	0.005556	4.27	69.37	19.92	0.73
GR	305	Max WS	TR200_D600	292.17	127.32	132.01		132.93	0.005535	4.25	68.77	19.92	0.73
GR	305	Max WS	TR200_D650	286.86	127.32	131.97		132.88	0.005499	4.21	68.07	19.92	0.73
GR	305	Max WS	TR200_D700	281.17	127.32	131.93		132.82	0.005464	4.18	67.30	19.92	0.73
GR	304	Max WS	TR200_D450	274.40	127.04	131.78		132.56	0.004778	3.91	70.16	21.27	0.69
GR	304	Max WS	TR200_D350	273.98	127.04	131.78		132.56	0.004765	3.91	70.15	21.27	0.69
GR	304	Max WS	TR200_D400	274.85	127.04	131.79		132.57	0.004773	3.91	70.26	21.27	0.69
GR	304	Max WS	TR200_D500	272.84	127.04	131.77		132.54	0.004787	3.91	69.85	21.27	0.69

HEC-RAS River: Greve Reach: GR 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
GR	304	Max WS	TR200_D550	269.91	127.04	131.75		132.52	0.004769	3.89	69.43	21.27	0.69
GR	304	Max WS	TR200_D600	266.54	127.04	131.72		132.48	0.004774	3.87	68.83	21.27	0.69
GR	304	Max WS	TR200_D650	262.33	127.04	131.69		132.44	0.004766	3.85	68.14	21.27	0.69
GR	304	Max WS	TR200_D700	257.89	127.04	131.65		132.40	0.004763	3.83	67.38	21.27	0.69
GR	303	Max WS	TR200_D450	257.29	126.29	131.53		132.24	0.004567	3.74	68.81	21.56	0.67
GR	303	Max WS	TR200_D350	256.82	126.29	131.53		132.24	0.004550	3.73	68.82	21.56	0.67
GR	303	Max WS	TR200_D400	257.53	126.29	131.54		132.25	0.004555	3.74	68.91	21.56	0.67
GR	303	Max WS	TR200_D500	256.30	126.29	131.52		132.23	0.004595	3.74	68.49	21.56	0.67
GR	303	Max WS	TR200_D550	253.98	126.29	131.50		132.21	0.004593	3.73	68.09	21.56	0.67
GR	303	Max WS	TR200_D600	251.38	126.29	131.47		132.18	0.004620	3.72	67.49	21.56	0.67
GR	303	Max WS	TR200_D650	248.07	126.29	131.44		132.14	0.004638	3.71	66.82	21.56	0.67
GR	303	Max WS	TR200_D700	244.71	126.29	131.40		132.10	0.004670	3.70	66.06	21.56	0.68
GR	302	Max WS	TR200_D450	211.89	126.39	131.29		131.59	0.001715	2.42	87.58	25.82	0.42
GR	302	Max WS	TR200_D350	211.36	126.39	131.29		131.59	0.001705	2.41	87.61	25.82	0.42
GR	302	Max WS	TR200_D400	211.68	126.39	131.30		131.59	0.001703	2.41	87.72	25.82	0.42
GR	302	Max WS	TR200_D500	211.72	126.39	131.28		131.58	0.001736	2.43	87.18	25.82	0.42
GR	302	Max WS	TR200_D550	210.07	126.39	131.26		131.56	0.001736	2.42	86.73	25.82	0.42
GR	302	Max WS	TR200_D600	208.97	126.39	131.23		131.53	0.001762	2.43	86.01	25.82	0.43
GR	302	Max WS	TR200_D650	206.99	126.39	131.20		131.50	0.001778	2.43	85.22	25.82	0.43
GR	302	Max WS	TR200_D700	205.55	126.39	131.17		131.47	0.001811	2.44	84.32	25.82	0.43
GR	301	Max WS	TR200_D450	248.84	125.35	131.08		131.46	0.002244	2.73	91.10	24.70	0.45
GR	301	Max WS	TR200_D350	248.89	125.35	131.08		131.46	0.002245	2.73	91.10	24.70	0.45
GR	301	Max WS	TR200_D400	249.18	125.35	131.09		131.47	0.002241	2.73	91.22	24.70	0.45
GR	301	Max WS	TR200_D500	248.60	125.35	131.07		131.45	0.002271	2.74	90.68	24.70	0.46
GR	301	Max WS	TR200_D550	246.84	125.35	131.05		131.43	0.002269	2.73	90.28	24.70	0.46
GR	301	Max WS	TR200_D600	245.51	125.35	131.02		131.40	0.002300	2.74	89.56	24.70	0.46
GR	301	Max WS	TR200_D650	243.43	125.35	130.99		131.37	0.002321	2.74	88.79	24.70	0.46
GR	301	Max WS	TR200_D700	240.98	125.35	130.95		131.34	0.002342	2.74	87.94	24.70	0.46
GR	300	Max WS	TR200_D450	255.74	126.18	130.94		131.29	0.001845	2.64	97.03	25.49	0.43
GR	300	Max WS	TR200_D350	255.69	126.18	130.94		131.29	0.001844	2.63	97.04	25.49	0.43
GR	300	Max WS	TR200_D400	256.09	126.18	130.94		131.30	0.001843	2.64	97.17	25.49	0.43
GR	300	Max WS	TR200_D500	253.09	126.18	130.92		131.27	0.001838	2.62	96.49	25.49	0.43
GR	300	Max WS	TR200_D550	253.55	126.18	130.90		131.26	0.001864	2.64	96.16	25.49	0.43
GR	300	Max WS	TR200_D600	249.85	126.18	130.87		131.22	0.001861	2.62	95.27	25.49	0.43
GR	300	Max WS	TR200_D650	247.75	126.18	130.83		131.19	0.001881	2.62	94.41	25.49	0.44
GR	300	Max WS	TR200_D700	246.81	126.18	130.80		131.16	0.001913	2.64	93.64	25.49	0.44
GR	299	Max WS	TR200_D450	245.67	125.70	130.78		131.26	0.002795	3.06	80.40	21.59	0.51
GR	299	Max WS	TR200_D350	246.23	125.70	130.78		131.26	0.002808	3.06	80.40	21.59	0.51
GR	299	Max WS	TR200_D400	245.96	125.70	130.79		131.26	0.002790	3.05	80.51	21.59	0.51
GR	299	Max WS	TR200_D500	245.84	125.70	130.76		131.24	0.002841	3.07	80.00	21.59	0.51
GR	299	Max WS	TR200_D550	243.84	125.70	130.75		131.22	0.002834	3.06	79.63	21.59	0.51
GR	299	Max WS	TR200_D600	242.78	125.70	130.72		131.20	0.002881	3.07	78.96	21.59	0.51
GR	299	Max WS	TR200_D650	241.20	125.70	130.68		131.16	0.002927	3.08	78.20	21.59	0.52
GR	299	Max WS	TR200_D700	238.25	125.70	130.64		131.13	0.002940	3.08	77.44	21.59	0.52
GR	298.2	Max WS	TR200_D450	254.78	125.13	130.63		131.17	0.002794	3.26	78.26	20.63	0.53
GR	298.2	Max WS	TR200_D350	255.71	125.13	130.63		131.18	0.002823	3.27	78.17	20.62	0.54
GR	298.2	Max WS	TR200_D400	255.05	125.13	130.64		131.18	0.002788	3.25	78.37	20.64	0.53
GR	298.2	Max WS	TR200_D500	255.07	125.13	130.61		131.16	0.002851	3.28	77.76	20.59	0.54
GR	298.2	Max WS	TR200_D550	252.77	125.13	130.60		131.14	0.002828	3.26	77.48	20.56	0.54
GR	298.2	Max WS	TR200_D600	251.51	125.13	130.56		131.11	0.002872	3.28	76.78	20.51	0.54
GR	298.2	Max WS	TR200_D650	250.81	125.13	130.52		131.08	0.002949	3.30	75.91	20.44	0.55
GR	298.2	Max WS	TR200_D700	248.06	125.13	130.49		131.04	0.002961	3.30	75.21	20.38	0.55
GR	298	Max WS	TR200_D450	254.46	125.13	130.54	129.13	131.35	0.002805	4.00	63.64	20.43	0.59
GR	298	Max WS	TR200_D350	255.41	125.13	130.53	129.14	131.36	0.002831	4.02	63.60	20.42	0.59
GR	298	Max WS	TR200_D400	254.75	125.13	130.54	129.13	131.36	0.002802	4.00	63.71	20.44	0.59
GR	298	Max WS	TR200_D500	255.33	125.13	130.52	129.14	131.34	0.002867	4.03	63.35	20.39	0.59
GR	298	Max WS	TR200_D550	252.44	125.13	130.50	129.11	131.32	0.002831	4.00	63.16	20.37	0.59
GR	298	Max WS	TR200_D600	251.20	125.13	130.47	129.10	131.29	0.002866	4.00	62.74	20.32	0.59
GR	298	Max WS	TR200_D650	250.61	125.13	130.43	129.10	131.26	0.002931	4.03	62.24	20.26	0.60
GR	298	Max WS	TR200_D700	247.81	125.13	130.40	129.07	131.22	0.002936	4.01	61.79	20.20	0.60
GR	297			Bridge									
GR	296	Max WS	TR200_D450	254.44	124.98	130.45		131.30	0.003110	4.08	62.31	22.81	0.61
GR	296	Max WS	TR200_D350	255.34	124.98	130.45		131.31	0.003141	4.10	62.26	22.81	0.61
GR	296	Max WS	TR200_D400	254.73	124.98	130.46		131.31	0.003105	4.08	62.38	22.82	0.61
GR	296	Max WS	TR200_D500	255.31	124.98	130.43		131.29	0.003189	4.12	61.97	22.79	0.61
GR	296	Max WS	TR200_D550	252.44	124.98	130.42		131.27	0.003141	4.08	61.84	22.77	0.61
GR	296	Max WS	TR200_D600	251.10	124.98	130.39		131.24	0.003182	4.09	61.40	22.74	0.61
GR	296	Max WS	TR200_D650	250.53	124.98	130.34		131.21	0.003267	4.12	60.83	22.69	0.62
GR	296	Max WS	TR200_D700	247.81	124.98	130.31		131.17	0.003275	4.10	60.39	22.66	0.62
GR	295.9			Lat Struct									
GR	295.85			Lat Struct									
GR	295.8	Max WS	TR200_D450	253.38	124.98	130.34		130.82	0.002696	3.08	82.36	22.73	0.52
GR	295.8	Max WS	TR200_D350	254.40	124.98	130.33		130.82	0.002730	3.09	82.24	22.72	0.52
GR	295.8	Max WS	TR200_D400	253.69	124.98	130.34		130.82	0.002692	3.08	82.48	22.73	0.52
GR	295.8	Max WS	TR200_D500	254.38	124.98	130.31		130.80	0.002778	3.11	81.75	22.70	0.52
GR	295.8	Max WS	TR200_D550	251.40	124.98	130.30		130.79	0.002732	3.08	81.56	22.69	0.52
GR	295.8	Max WS	TR200_D600	250.07	124.98	130.27		130.76	0.002776	3.09	80.82	22.65	0.52
GR	295.8	Max WS	TR200_D650	249.69	124.98	130.23		130.72	0.002867	3.13	79.86	22.60	0.53
GR	295.8	Max WS	TR200_D700	246.78	124.98	130.19		130.69	0.002875	3.12	79.14	22.57	0.53
GR	295	Max WS	TR200_D450	359.24	124.77	129.68		130.28	0.004121	3.42	104.94	37.45	0.65
GR	295	Max WS	TR200_D350	354.16	124.77	129.69		130.27	0.003969	3.36	105.26	37.47	0.64
GR	295	Max WS	TR200_D400	360.34	124.77	129.69		130.29	0.004122	3.43	105.14	37.47	0.65
GR	295	Max WS	TR200_D500	350.44	124.77	129.66		130.24	0.004009	3.36	104.17	37.40	0.64
GR	295	Max WS	TR200_D550	351.96	124.77	129.65		130.24	0.004118	3.40	103.55	37.36	0.65
GR	295	Max WS	TR200_D600	346.46	124.77	129.60		130.19	0.004179	3.40	101.97	37.26	0.66

HEC-RAS River: Greve Reach: GR 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
GR	295	Max WS	TR200_D650	333.51	124.77	129.57		130.13	0.004006	3.31	100.82	37.18	0.64
GR	295	Max WS	TR200_D700	330.51	124.77	129.53		130.09	0.004146	3.34	99.09	37.07	0.65
GR	294	Max WS	TR200_D450	357.97	124.85	129.47		130.06	0.003951	3.43	107.42	39.49	0.66
GR	294	Max WS	TR200_D350	364.43	124.85	129.48		130.08	0.004064	3.48	107.69	39.51	0.67
GR	294	Max WS	TR200_D400	359.08	124.85	129.48		130.06	0.003952	3.43	107.63	39.50	0.66
GR	294	Max WS	TR200_D500	359.20	124.85	129.45		130.05	0.004080	3.47	106.52	39.42	0.67
GR	294	Max WS	TR200_D550	350.64	124.85	129.44		130.01	0.003947	3.41	105.98	39.37	0.65
GR	294	Max WS	TR200_D600	342.04	124.85	129.40		129.96	0.003931	3.37	104.37	39.25	0.65
GR	294	Max WS	TR200_D650	341.14	124.85	129.36		129.94	0.004067	3.41	103.01	39.14	0.66
GR	294	Max WS	TR200_D700	326.98	124.85	129.32		129.87	0.003914	3.32	101.41	39.01	0.65
GR	293	Max WS	TR200_D450	327.90	124.76	129.30		129.84	0.003655	3.27	100.39	32.13	0.59
GR	293	Max WS	TR200_D350	328.23	124.76	129.29		129.84	0.003665	3.27	100.36	32.13	0.59
GR	293	Max WS	TR200_D400	328.84	124.76	129.30		129.85	0.003656	3.27	100.56	32.13	0.59
GR	293	Max WS	TR200_D500	319.33	124.76	129.28		129.80	0.003520	3.20	99.90	32.13	0.58
GR	293	Max WS	TR200_D550	321.71	124.76	129.26		129.80	0.003649	3.24	99.22	32.13	0.59
GR	293	Max WS	TR200_D600	311.79	124.76	129.23		129.74	0.003538	3.17	98.21	32.13	0.58
GR	293	Max WS	TR200_D650	305.78	124.76	129.19		129.70	0.003533	3.15	97.04	32.13	0.58
GR	293	Max WS	TR200_D700	300.26	124.76	129.15		129.65	0.003548	3.13	95.79	32.13	0.58
GR	292	Max WS	TR200_D450	320.57	125.09	128.93		129.86	0.007002	4.28	74.90	27.94	0.83
GR	292	Max WS	TR200_D350	320.43	125.09	128.93		129.86	0.007003	4.28	74.88	27.94	0.83
GR	292	Max WS	TR200_D400	321.37	125.09	128.94		129.87	0.006990	4.28	75.06	27.94	0.83
GR	292	Max WS	TR200_D500	318.69	125.09	128.92		129.85	0.007033	4.28	74.51	27.94	0.84
GR	292	Max WS	TR200_D550	315.18	125.09	128.89		129.82	0.007081	4.27	73.82	27.94	0.84
GR	292	Max WS	TR200_D600	310.77	125.09	128.86		129.78	0.007152	4.26	72.92	27.94	0.84
GR	292	Max WS	TR200_D650	305.31	125.09	128.82		129.74	0.007235	4.25	71.83	27.94	0.85
GR	292	Max WS	TR200_D700	299.52	125.09	128.78		129.69	0.007333	4.24	70.64	27.94	0.85
GR	291	Max WS	TR200_D450	318.58	124.96	128.75		129.15	0.004269	2.81	113.32	59.01	0.65
GR	291	Max WS	TR200_D350	318.47	124.96	128.75		129.15	0.004273	2.81	113.27	59.01	0.65
GR	291	Max WS	TR200_D400	319.40	124.96	128.75		129.15	0.004252	2.81	113.65	59.02	0.65
GR	291	Max WS	TR200_D500	316.61	124.96	128.73		129.14	0.004316	2.82	112.46	58.93	0.65
GR	291	Max WS	TR200_D550	313.09	124.96	128.71		129.11	0.004342	2.82	111.08	58.37	0.65
GR	291	Max WS	TR200_D600	308.74	124.96	128.68		129.08	0.004385	2.83	109.26	57.63	0.66
GR	291	Max WS	TR200_D650	303.33	124.96	128.64		129.05	0.004433	2.83	107.08	56.73	0.66
GR	291	Max WS	TR200_D700	297.61	124.96	128.60		129.01	0.004483	2.84	104.79	55.76	0.66
GR	290	Max WS	TR200_D450	322.41	124.41	128.70		129.21	0.002677	3.15	102.50	30.25	0.55
GR	290	Max WS	TR200_D350	322.31	124.41	128.70		129.21	0.002678	3.15	102.47	30.25	0.55
GR	290	Max WS	TR200_D400	323.25	124.41	128.71		129.21	0.002678	3.15	102.67	30.26	0.55
GR	290	Max WS	TR200_D500	320.23	124.41	128.69		129.19	0.002675	3.14	102.07	30.23	0.55
GR	290	Max WS	TR200_D550	316.74	124.41	128.67		129.16	0.002671	3.12	101.37	30.20	0.54
GR	290	Max WS	TR200_D600	312.12	124.41	128.63		129.13	0.002666	3.11	100.43	30.16	0.54
GR	290	Max WS	TR200_D650	306.54	124.41	128.60		129.08	0.002659	3.09	99.31	30.11	0.54
GR	290	Max WS	TR200_D700	300.66	124.41	128.56		129.04	0.002653	3.06	98.10	30.06	0.54
GR	289	Max WS	TR200_D450	328.39	123.69	128.63		129.29	0.003574	3.60	91.22	26.53	0.62
GR	289	Max WS	TR200_D350	328.28	123.69	128.62		129.28	0.003574	3.60	91.19	26.53	0.62
GR	289	Max WS	TR200_D400	329.29	123.69	128.63		129.29	0.003577	3.60	91.36	26.54	0.62
GR	289	Max WS	TR200_D500	326.05	123.69	128.61		129.27	0.003566	3.59	90.85	26.51	0.62
GR	289	Max WS	TR200_D550	322.39	123.69	128.59		129.24	0.003555	3.57	90.24	26.48	0.62
GR	289	Max WS	TR200_D600	317.44	123.69	128.56		129.20	0.003539	3.55	89.43	26.44	0.62
GR	289	Max WS	TR200_D650	311.53	123.69	128.52		129.15	0.003519	3.52	88.46	26.40	0.61
GR	289	Max WS	TR200_D700	305.28	123.69	128.48		129.10	0.003500	3.49	87.41	26.34	0.61
GR	288	Max WS	TR200_D450	340.08	122.85	128.41		128.99	0.004286	3.37	100.81	38.17	0.66
GR	288	Max WS	TR200_D350	339.94	122.85	128.41		128.99	0.004287	3.37	100.77	38.17	0.66
GR	288	Max WS	TR200_D400	341.07	122.85	128.42		129.00	0.004285	3.38	101.00	38.18	0.66
GR	288	Max WS	TR200_D500	337.62	122.85	128.40		128.97	0.004292	3.37	100.29	38.15	0.66
GR	288	Max WS	TR200_D550	333.51	122.85	128.37		128.95	0.004300	3.35	99.45	38.12	0.66
GR	288	Max WS	TR200_D600	328.13	122.85	128.35		128.91	0.004312	3.34	98.32	38.08	0.66
GR	288	Max WS	TR200_D650	321.65	122.85	128.31		128.87	0.004328	3.32	96.95	38.03	0.66
GR	288	Max WS	TR200_D700	314.77	122.85	128.27		128.82	0.004347	3.30	95.48	37.98	0.66
GR	287	Max WS	TR200_D450	346.35	122.70	128.19		128.74	0.004818	3.29	105.37	47.09	0.70
GR	287	Max WS	TR200_D350	346.20	122.70	128.19		128.74	0.004817	3.29	105.33	47.06	0.70
GR	287	Max WS	TR200_D400	347.39	122.70	128.19		128.74	0.004831	3.29	105.62	47.25	0.70
GR	287	Max WS	TR200_D500	343.73	122.70	128.17		128.72	0.004784	3.28	104.77	46.68	0.70
GR	287	Max WS	TR200_D550	339.34	122.70	128.15		128.70	0.004723	3.27	103.79	46.01	0.70
GR	287	Max WS	TR200_D600	333.65	122.70	128.12		128.66	0.004642	3.26	102.48	45.10	0.69
GR	287	Max WS	TR200_D650	326.74	122.70	128.09		128.62	0.004540	3.24	100.91	43.98	0.68
GR	287	Max WS	TR200_D700	319.42	122.70	128.05		128.58	0.004440	3.22	99.24	42.88	0.68
GR	286	Max WS	TR200_D450	346.32	122.54	127.94		128.49	0.004325	3.27	105.86	43.20	0.67
GR	286	Max WS	TR200_D350	346.17	122.54	127.94		128.49	0.004326	3.27	105.82	43.20	0.67
GR	286	Max WS	TR200_D400	347.37	122.54	127.95		128.49	0.004324	3.27	106.07	43.22	0.67
GR	286	Max WS	TR200_D500	343.69	122.54	127.93		128.47	0.004327	3.26	105.32	43.16	0.67
GR	286	Max WS	TR200_D550	339.28	122.54	127.91		128.45	0.004330	3.25	104.41	43.10	0.67
GR	286	Max WS	TR200_D600	333.56	122.54	127.88		128.41	0.004339	3.23	103.19	43.01	0.67
GR	286	Max WS	TR200_D650	326.63	122.54	127.85		128.37	0.004352	3.21	101.68	42.89	0.67
GR	286	Max WS	TR200_D700	319.31	122.54	127.81		128.33	0.004373	3.19	100.04	42.77	0.67
GR	285	Max WS	TR200_D450	348.03	122.35	127.70		128.24	0.005188	3.25	107.21	51.27	0.72
GR	285	Max WS	TR200_D350	347.90	122.35	127.70		128.24	0.005192	3.25	107.16	51.27	0.72
GR	285	Max WS	TR200_D400	349.12	122.35	127.71		128.25	0.005185	3.25	107.44	51.28	0.72
GR	285	Max WS	TR200_D500	345.41	122.35	127.69		128.23	0.005170	3.24	106.58	50.97	0.72
GR	285	Max WS	TR200_D550	341.03	122.35	127.67		128.20	0.005043	3.23	105.59	49.76	0.71
GR	285	Max WS	TR200_D600	335.34	122.35	127.65		128.17	0.004918	3.22	104.27	48.47	0.70
GR	285	Max WS	TR200_D650	328.46	122.35	127.61		128.13	0.004800	3.20	102.66	47.16	0.69
GR	285	Max WS	TR200_D700	321.17	122.35	127.57		128.09	0.004822	3.18	100.89	46.86	0.69
GR	284	Max WS	TR200_D450	331.76	121.21	127.48		127.95	0.003205	3.02	109.91	38.43	0.57
GR	284	Max WS	TR200_D350	331.65	121.21	127.48		127.94	0.003206	3.02	109.88	38.43	0.57
GR	284	Max WS	TR200_D400	332.65	121.21	127.49		127.95	0.003207	3.02	110.09	38.44	0.57
GR	284	Max WS	TR200_D500	329.59	121.21	127.47		127.93	0.003203	3.01	109.47	38.41	0.57
GR	284	Max WS	TR200_D550	326.00	121.21	127.45		127.91	0.003199	3.00	108.74	38.39	0.57

HEC-RAS River: Greve Reach: GR 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
GR	284	Max WS	TR200_D600	321.36	121.21	127.42		127.88	0.003199	2.98	107.74	38.35	0.57
GR	284	Max WS	TR200_D650	315.75	121.21	127.39		127.84	0.003203	2.97	106.48	38.30	0.57
GR	284	Max WS	TR200_D700	309.77	121.21	127.35		127.80	0.003212	2.95	105.07	38.24	0.57
GR	283	Max WS	TR200_D450	292.55	121.69	127.33		127.69	0.002496	2.65	110.42	40.01	0.51
GR	283	Max WS	TR200_D350	292.47	121.69	127.33		127.69	0.002497	2.65	110.38	40.01	0.51
GR	283	Max WS	TR200_D400	293.17	121.69	127.33		127.69	0.002494	2.65	110.60	40.02	0.51
GR	283	Max WS	TR200_D500	291.26	121.69	127.32		127.68	0.002506	2.65	109.96	39.99	0.51
GR	283	Max WS	TR200_D550	288.76	121.69	127.30		127.66	0.002515	2.64	109.22	39.97	0.51
GR	283	Max WS	TR200_D600	285.62	121.69	127.27		127.63	0.002535	2.64	108.19	39.93	0.51
GR	283	Max WS	TR200_D650	281.99	121.69	127.24		127.60	0.002567	2.64	106.86	39.88	0.51
GR	283	Max WS	TR200_D700	278.28	121.69	127.20		127.56	0.002613	2.64	105.34	39.82	0.52
GR	282	Max WS	TR200_D450	258.23	120.40	127.21		127.64	0.002621	2.91	88.83	26.00	0.50
GR	282	Max WS	TR200_D350	258.21	120.40	127.21		127.64	0.002624	2.91	88.80	26.00	0.50
GR	282	Max WS	TR200_D400	258.54	120.40	127.21		127.65	0.002616	2.91	88.95	26.00	0.50
GR	282	Max WS	TR200_D500	258.65	120.40	127.20		127.63	0.002664	2.92	88.46	26.00	0.51
GR	282	Max WS	TR200_D550	256.63	120.40	127.17		127.61	0.002672	2.92	87.91	26.00	0.51
GR	282	Max WS	TR200_D600	255.29	120.40	127.14		127.58	0.002718	2.93	87.12	26.00	0.51
GR	282	Max WS	TR200_D650	253.85	120.40	127.11		127.55	0.002784	2.95	86.13	26.00	0.52
GR	282	Max WS	TR200_D700	252.01	120.40	127.06		127.51	0.002852	2.96	85.04	26.00	0.52
GR	281	Max WS	TR200_D450	259.35	120.77	127.04		127.31	0.001685	2.28	113.57	38.07	0.42
GR	281	Max WS	TR200_D350	259.34	120.77	127.04		127.30	0.001687	2.28	113.52	38.06	0.42
GR	281	Max WS	TR200_D400	259.45	120.77	127.05		127.31	0.001677	2.28	113.80	38.10	0.42
GR	281	Max WS	TR200_D500	258.69	120.77	127.02		127.29	0.001701	2.29	112.97	37.97	0.42
GR	281	Max WS	TR200_D550	258.20	120.77	127.00		127.27	0.001734	2.31	112.01	37.81	0.43
GR	281	Max WS	TR200_D600	257.74	120.77	126.96		127.24	0.001787	2.33	110.63	37.58	0.43
GR	281	Max WS	TR200_D650	257.05	120.77	126.91		127.20	0.001857	2.36	108.87	37.29	0.44
GR	281	Max WS	TR200_D700	256.52	120.77	126.86		127.16	0.001941	2.40	106.94	36.97	0.45
GR	280	Max WS	TR200_D450	261.53	120.04	126.82		127.20	0.002098	2.71	96.48	28.10	0.47
GR	280	Max WS	TR200_D350	261.47	120.04	126.82		127.20	0.002100	2.71	96.44	28.09	0.47
GR	280	Max WS	TR200_D400	261.82	120.04	126.83		127.20	0.002094	2.71	96.65	28.13	0.47
GR	280	Max WS	TR200_D500	260.62	120.04	126.81		127.18	0.002107	2.71	96.04	28.00	0.47
GR	280	Max WS	TR200_D550	259.46	120.04	126.78		127.16	0.002127	2.72	95.32	27.85	0.47
GR	280	Max WS	TR200_D600	258.28	120.04	126.74		127.12	0.002166	2.74	94.26	27.62	0.47
GR	280	Max WS	TR200_D650	257.09	120.04	126.69		127.08	0.002225	2.77	92.87	27.32	0.48
GR	280	Max WS	TR200_D700	256.21	120.04	126.63		127.04	0.002302	2.81	91.31	26.98	0.49
GR	279	Max WS	TR200_D450	268.68	119.90	126.72		127.06	0.001876	2.56	104.81	30.86	0.44
GR	279	Max WS	TR200_D350	268.61	119.90	126.72		127.05	0.001878	2.56	104.76	30.86	0.44
GR	279	Max WS	TR200_D400	269.07	119.90	126.73		127.06	0.001871	2.56	104.99	30.86	0.44
GR	279	Max WS	TR200_D500	267.68	119.90	126.70		127.04	0.001889	2.57	104.33	30.86	0.45
GR	279	Max WS	TR200_D550	266.09	119.90	126.68		127.02	0.001912	2.57	103.52	30.86	0.45
GR	279	Max WS	TR200_D600	264.21	119.90	126.64		126.98	0.001955	2.58	102.29	30.86	0.45
GR	279	Max WS	TR200_D650	262.05	119.90	126.59		126.93	0.002020	2.60	100.68	30.86	0.46
GR	279	Max WS	TR200_D700	259.87	119.90	126.53		126.88	0.002101	2.63	98.80	30.79	0.47
GR	278.2	Max WS	TR200_D450	277.36	120.06	126.62		126.97	0.001641	2.62	105.74	27.20	0.42
GR	278.2	Max WS	TR200_D350	277.27	120.06	126.62		126.97	0.001641	2.62	105.71	27.20	0.42
GR	278.2	Max WS	TR200_D400	277.79	120.06	126.63		126.98	0.001638	2.62	105.91	27.20	0.42
GR	278.2	Max WS	TR200_D500	276.26	120.06	126.61		126.96	0.001647	2.62	105.33	27.20	0.43
GR	278.2	Max WS	TR200_D550	274.41	120.06	126.58		126.93	0.001658	2.62	104.63	27.20	0.43
GR	278.2	Max WS	TR200_D600	272.05	120.06	126.54		126.89	0.001681	2.63	103.56	27.20	0.43
GR	278.2	Max WS	TR200_D650	268.98	120.06	126.49		126.84	0.001706	2.63	102.17	27.08	0.43
GR	278.2	Max WS	TR200_D700	265.58	120.06	126.43		126.79	0.001733	2.64	100.58	26.87	0.44
GR	278	Max WS	TR200_D450	277.46	120.06	126.53	124.38	127.01	0.001521	3.06	90.55	27.20	0.44
GR	278	Max WS	TR200_D350	277.37	120.06	126.53	124.38	127.01	0.001522	3.06	90.52	27.20	0.44
GR	278	Max WS	TR200_D400	277.89	120.06	126.54	124.38	127.02	0.001518	3.06	90.68	27.20	0.43
GR	278	Max WS	TR200_D500	276.36	120.06	126.51	124.37	126.99	0.001527	3.06	90.22	27.16	0.44
GR	278	Max WS	TR200_D550	274.50	120.06	126.48	124.36	126.96	0.001539	3.06	89.65	27.05	0.44
GR	278	Max WS	TR200_D600	272.13	120.06	126.44	124.34	126.92	0.001552	3.06	88.97	26.91	0.44
GR	278	Max WS	TR200_D650	269.05	120.06	126.40	124.32	126.87	0.001567	3.05	88.10	26.73	0.44
GR	278	Max WS	TR200_D700	265.63	120.06	126.34	124.29	126.81	0.001587	3.05	87.09	26.53	0.44
GR	277			Bridge									
GR	276	Max WS	TR200_D450	277.45	119.97	125.56		126.28	0.003002	3.76	73.73	25.02	0.59
GR	276	Max WS	TR200_D350	277.37	119.97	125.56		126.28	0.003002	3.76	73.71	25.02	0.59
GR	276	Max WS	TR200_D400	277.88	119.97	125.56		126.29	0.003001	3.77	73.80	25.04	0.59
GR	276	Max WS	TR200_D500	276.36	119.97	125.55		126.27	0.003002	3.76	73.55	24.98	0.59
GR	276	Max WS	TR200_D550	274.50	119.97	125.53		126.25	0.003001	3.75	73.26	24.92	0.59
GR	276	Max WS	TR200_D600	272.13	119.97	125.51		126.22	0.003002	3.73	72.87	24.84	0.59
GR	276	Max WS	TR200_D650	269.05	119.97	125.49		126.19	0.003002	3.72	72.38	24.74	0.59
GR	276	Max WS	TR200_D700	265.63	119.97	125.45		126.15	0.003004	3.70	71.81	24.62	0.59
GR	275.9			Lat Struct									
GR	275.85			Lat Struct									
GR	275.8	Max WS	TR200_D450	277.70	119.97	125.52		126.14	0.003605	3.48	79.76	24.88	0.62
GR	275.8	Max WS	TR200_D350	277.62	119.97	125.52		126.14	0.003606	3.48	79.74	24.88	0.62
GR	275.8	Max WS	TR200_D400	278.13	119.97	125.53		126.15	0.003606	3.48	79.85	24.90	0.62
GR	275.8	Max WS	TR200_D500	276.60	119.97	125.51		126.13	0.003605	3.48	79.53	24.85	0.62
GR	275.8	Max WS	TR200_D550	274.74	119.97	125.50		126.11	0.003604	3.47	79.14	24.79	0.62
GR	275.8	Max WS	TR200_D600	272.36	119.97	125.48		126.09	0.003604	3.46	78.62	24.71	0.62
GR	275.8	Max WS	TR200_D650	269.26	119.97	125.45		126.06	0.003604	3.45	77.96	24.61	0.62
GR	275.8	Max WS	TR200_D700	265.82	119.97	125.42		126.02	0.003604	3.44	77.21	24.50	0.62
GR	275	Max WS	TR200_D450	297.15	119.67	125.27		125.64	0.002687	2.69	110.39	40.87	0.52
GR	275	Max WS	TR200_D350	297.05	119.67	125.27		125.64	0.002688	2.69	110.35	40.87	0.52
GR	275	Max WS	TR200_D400	297.66	119.67	125.27		125.64	0.002685	2.69	110.54	40.87	0.52
GR	275	Max WS	TR200_D500	295.84	119.67	125.26		125.63	0.002694	2.69	109.99	40.87	0.52
GR	275	Max WS	TR200_D550	293.61	119.67	125.24		125.61	0.002703	2.69	109.36	40.87	0.52
GR	275	Max WS	TR200_D600	290.69	119.67	125.22		125.59	0.002716	2.68	108.51	40.87	0.53
GR	275	Max WS	TR200_D650	286.91	119.67	125.20		125.56	0.002733	2.67	107.41	40.87	0.53

HEC-RAS River: Greve Reach: GR 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
GR	275	Max WS	TR200_D700	282.64	119.67	125.17		125.53	0.002753	2.66	106.15	40.87	0.53
GR	274	Max WS	TR200_D450	305.75	119.73	125.12		125.46	0.002643	2.58	118.48	46.56	0.52
GR	274	Max WS	TR200_D350	305.66	119.73	125.12		125.46	0.002645	2.58	118.44	46.56	0.52
GR	274	Max WS	TR200_D400	306.29	119.73	125.13		125.47	0.002639	2.58	118.67	46.56	0.52
GR	274	Max WS	TR200_D500	304.37	119.73	125.11		125.45	0.002652	2.58	118.03	46.56	0.52
GR	274	Max WS	TR200_D550	301.98	119.73	125.10		125.44	0.002664	2.57	117.27	46.56	0.52
GR	274	Max WS	TR200_D600	298.82	119.73	125.08		125.41	0.002682	2.57	116.27	46.56	0.52
GR	274	Max WS	TR200_D650	294.71	119.73	125.05		125.38	0.002702	2.56	114.99	46.56	0.52
GR	274	Max WS	TR200_D700	290.09	119.73	125.02		125.35	0.002730	2.56	113.50	46.56	0.52
GR	273	Max WS	TR200_D450	309.97	119.80	124.95		125.53	0.004464	3.38	91.61	35.11	0.67
GR	273	Max WS	TR200_D350	309.90	119.80	124.95		125.53	0.004468	3.38	91.56	35.11	0.67
GR	273	Max WS	TR200_D400	310.52	119.80	124.95		125.54	0.004458	3.38	91.75	35.11	0.67
GR	273	Max WS	TR200_D500	308.55	119.80	124.94		125.52	0.004479	3.38	91.24	35.11	0.67
GR	273	Max WS	TR200_D550	306.07	119.80	124.92		125.51	0.004498	3.38	90.65	35.11	0.67
GR	273	Max WS	TR200_D600	302.82	119.80	124.90		125.48	0.004525	3.37	89.87	35.11	0.67
GR	273	Max WS	TR200_D650	298.55	119.80	124.87		125.45	0.004557	3.36	88.87	35.11	0.67
GR	273	Max WS	TR200_D700	293.77	119.80	124.84		125.41	0.004601	3.35	87.70	35.11	0.68
GR	272	Max WS	TR200_D450	301.76	119.98	124.67		125.33	0.005206	3.60	83.73	32.45	0.72
GR	272	Max WS	TR200_D350	301.95	119.98	124.67		125.33	0.005216	3.61	83.68	32.45	0.72
GR	272	Max WS	TR200_D400	302.49	119.98	124.67		125.33	0.005223	3.61	83.86	32.54	0.72
GR	272	Max WS	TR200_D500	300.51	119.98	124.66		125.32	0.005184	3.60	83.41	32.23	0.72
GR	272	Max WS	TR200_D550	298.18	119.98	124.64		125.30	0.005135	3.60	82.91	31.87	0.71
GR	272	Max WS	TR200_D600	294.99	119.98	124.62		125.28	0.005027	3.59	82.26	31.20	0.71
GR	272	Max WS	TR200_D650	290.67	119.98	124.59		125.24	0.004838	3.57	81.45	30.14	0.69
GR	272	Max WS	TR200_D700	286.08	119.98	124.56		125.21	0.004626	3.55	80.54	28.92	0.68
GR	271	Max WS	TR200_D450	290.00	119.56	124.30		125.26	0.007583	4.35	66.60	24.88	0.85
GR	271	Max WS	TR200_D350	289.80	119.56	124.30		125.26	0.007588	4.35	66.56	24.88	0.85
GR	271	Max WS	TR200_D400	290.45	119.56	124.30		125.27	0.007578	4.36	66.69	24.88	0.85
GR	271	Max WS	TR200_D500	288.70	119.56	124.29		125.25	0.007593	4.35	66.38	24.87	0.85
GR	271	Max WS	TR200_D550	286.72	119.56	124.27		125.24	0.007612	4.34	66.02	24.85	0.85
GR	271	Max WS	TR200_D600	283.99	119.56	124.25		125.21	0.007636	4.33	65.53	24.83	0.85
GR	271	Max WS	TR200_D650	280.62	119.56	124.23		125.18	0.007671	4.32	64.92	24.80	0.85
GR	271	Max WS	TR200_D700	276.62	119.56	124.20		125.15	0.007703	4.31	64.22	24.77	0.85
GR	270	Max WS	TR200_D450	286.41	119.73	123.82		124.28	0.003916	2.99	95.81	42.35	0.63
GR	270	Max WS	TR200_D350	286.23	119.73	123.82		124.27	0.003921	2.99	95.73	42.35	0.64
GR	270	Max WS	TR200_D400	286.85	119.73	123.82		124.28	0.003908	2.99	95.97	42.36	0.63
GR	270	Max WS	TR200_D500	285.26	119.73	123.81		124.27	0.003936	2.99	95.41	42.34	0.64
GR	270	Max WS	TR200_D550	283.52	119.73	123.80		124.25	0.003970	2.99	94.78	42.31	0.64
GR	270	Max WS	TR200_D600	281.09	119.73	123.78		124.23	0.004013	2.99	93.93	42.27	0.64
GR	270	Max WS	TR200_D650	277.98	119.73	123.75		124.21	0.004068	2.99	92.86	42.23	0.64
GR	270	Max WS	TR200_D700	274.31	119.73	123.72		124.18	0.004133	2.99	91.61	42.18	0.65
GR	269	Max WS	TR200_D450	292.76	119.09	123.63		123.98	0.002785	2.64	110.74	44.65	0.54
GR	269	Max WS	TR200_D350	292.58	119.09	123.62		123.98	0.002789	2.64	110.64	44.65	0.54
GR	269	Max WS	TR200_D400	293.25	119.09	123.63		123.99	0.002780	2.64	110.91	44.65	0.54
GR	269	Max WS	TR200_D500	291.55	119.09	123.62		123.97	0.002800	2.64	110.26	44.65	0.54
GR	269	Max WS	TR200_D550	289.67	119.09	123.60		123.96	0.002823	2.64	109.54	44.64	0.54
GR	269	Max WS	TR200_D600	287.08	119.09	123.58		123.93	0.002854	2.64	108.55	44.63	0.54
GR	269	Max WS	TR200_D650	283.75	119.09	123.55		123.91	0.002892	2.64	107.31	44.62	0.54
GR	269	Max WS	TR200_D700	279.84	119.09	123.52		123.87	0.002937	2.64	105.87	44.61	0.55
GR	268	Max WS	TR200_D450	298.58	119.14	123.49		123.72	0.002298	2.14	139.73	69.02	0.48
GR	268	Max WS	TR200_D350	299.02	119.14	123.48		123.72	0.002316	2.14	139.52	69.01	0.48
GR	268	Max WS	TR200_D400	298.99	119.14	123.49		123.72	0.002287	2.13	140.07	69.04	0.48
GR	268	Max WS	TR200_D500	297.93	119.14	123.47		123.71	0.002332	2.15	138.89	68.98	0.48
GR	268	Max WS	TR200_D550	295.83	119.14	123.46		123.69	0.002366	2.15	137.63	68.91	0.49
GR	268	Max WS	TR200_D600	292.94	119.14	123.43		123.67	0.002413	2.16	135.93	68.82	0.49
GR	268	Max WS	TR200_D650	289.32	119.14	123.40		123.64	0.002474	2.16	133.82	68.70	0.49
GR	268	Max WS	TR200_D700	285.01	119.14	123.36		123.60	0.002547	2.17	131.33	68.57	0.50
GR	267	Max WS	TR200_D450	310.02	119.09	123.39		123.59	0.001365	1.94	160.19	61.71	0.38
GR	267	Max WS	TR200_D350	310.27	119.09	123.39		123.58	0.001373	1.94	159.96	61.71	0.38
GR	267	Max WS	TR200_D400	310.60	119.09	123.40		123.59	0.001361	1.94	160.51	61.71	0.38
GR	267	Max WS	TR200_D500	309.05	119.09	123.38		123.57	0.001379	1.94	159.36	61.71	0.39
GR	267	Max WS	TR200_D550	306.63	119.09	123.36		123.55	0.001391	1.94	158.18	61.71	0.39
GR	267	Max WS	TR200_D600	303.33	119.09	123.34		123.53	0.001408	1.94	156.54	61.71	0.39
GR	267	Max WS	TR200_D650	299.17	119.09	123.30		123.49	0.001429	1.94	154.49	61.71	0.39
GR	267	Max WS	TR200_D700	294.27	119.09	123.26		123.45	0.001454	1.93	152.10	61.71	0.39
GR	266	Max WS	TR200_D450	313.18	118.10	123.36		123.49	0.000622	1.60	206.52	68.23	0.27
GR	266	Max WS	TR200_D350	313.03	118.10	123.36		123.49	0.000624	1.60	206.29	68.23	0.27
GR	266	Max WS	TR200_D400	313.83	118.10	123.37		123.49	0.000621	1.60	206.90	68.23	0.27
GR	266	Max WS	TR200_D500	311.71	118.10	123.35		123.48	0.000625	1.60	205.61	68.23	0.27
GR	266	Max WS	TR200_D550	309.22	118.10	123.33		123.46	0.000627	1.60	204.26	68.23	0.27
GR	266	Max WS	TR200_D600	305.84	118.10	123.30		123.43	0.000630	1.60	202.43	68.23	0.27
GR	266	Max WS	TR200_D650	301.56	118.10	123.27		123.39	0.000634	1.59	200.10	68.23	0.27
GR	266	Max WS	TR200_D700	296.57	118.10	123.23		123.35	0.000638	1.59	197.39	68.23	0.27
GR	265	Max WS	TR200_D450	315.06	118.16	123.20		123.49	0.002022	2.41	130.89	47.25	0.46
GR	265	Max WS	TR200_D350	314.69	118.16	123.19		123.49	0.002025	2.41	130.74	47.25	0.46
GR	265	Max WS	TR200_D400	315.78	118.16	123.20		123.50	0.002019	2.41	131.15	47.25	0.46
GR	265	Max WS	TR200_D500	313.33	118.16	123.18		123.48	0.002031	2.41	130.27	47.25	0.46
GR	265	Max WS	TR200_D550	310.83	118.16	123.16		123.46	0.002044	2.40	129.35	47.25	0.46
GR	265	Max WS	TR200_D600	307.42	118.16	123.14		123.43	0.002064	2.40	128.09	47.25	0.47
GR	265	Max WS	TR200_D650	303.16	118.16	123.10		123.40	0.002089	2.40	126.49	47.25	0.47
GR	265	Max WS	TR200_D700	298.20	118.16	123.06		123.36	0.002120	2.39	124.61	47.25	0.47
GR	264	Max WS	TR200_D450	311.86	117.86	123.00		123.53	0.003397	3.23	96.58	31.06	0.58
GR	264	Max WS	TR200_D350	311.52	117.86	123.00		123.53	0.003401	3.23	96.48	31.06	0.59
GR	264	Max WS	TR200_D400	312.50	117.86	123.01		123.54	0.003393	3.23	96.75	31.06	0.58
GR	264	Max WS	TR200_D500	310.31	117.86	122.99		123.52	0.003408	3.23	96.17	31.06	0.59
GR	264	Max WS	TR200_D550	308.06	117.86	122.97		123.50	0.003425	3.22	95.57	31.06	0.59
GR	264	Max WS	TR200_D600	305.00	117.86	122.94		123.47	0.003450	3.22	94.73	31.06	0.59

HEC-RAS River: Greve Reach: GR 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
GR	264	Max WS	TR200_D650	301.15	117.86	122.91		123.44	0.003482	3.21	93.68	31.06	0.59
GR	264	Max WS	TR200_D700	296.66	117.86	122.87		123.39	0.003519	3.21	92.46	31.06	0.59
GR	263	Max WS	TR200_D450	323.76	117.18	122.85		123.22	0.001999	2.68	120.67	35.96	0.47
GR	263	Max WS	TR200_D350	323.36	117.18	122.85		123.22	0.002000	2.68	120.54	35.96	0.47
GR	263	Max WS	TR200_D400	324.44	117.18	122.86		123.23	0.001996	2.68	120.88	35.96	0.47
GR	263	Max WS	TR200_D500	322.09	117.18	122.84		123.20	0.002003	2.68	120.17	35.96	0.47
GR	263	Max WS	TR200_D550	319.68	117.18	122.82		123.18	0.002012	2.68	119.43	35.96	0.47
GR	263	Max WS	TR200_D600	316.40	117.18	122.79		123.15	0.002024	2.67	118.42	35.96	0.47
GR	263	Max WS	TR200_D650	312.24	117.18	122.75		123.12	0.002038	2.67	117.15	35.96	0.47
GR	263	Max WS	TR200_D700	307.34	117.18	122.71		123.07	0.002042	2.66	115.65	35.73	0.47
GR	262	Max WS	TR200_D450	318.12	116.60	122.69		123.13	0.002278	2.93	108.52	30.53	0.50
GR	262	Max WS	TR200_D350	317.73	116.60	122.69		123.12	0.002279	2.93	108.41	30.52	0.50
GR	262	Max WS	TR200_D400	318.74	116.60	122.70		123.13	0.002276	2.93	108.70	30.54	0.50
GR	262	Max WS	TR200_D500	316.58	116.60	122.68		123.11	0.002282	2.93	108.10	30.51	0.50
GR	262	Max WS	TR200_D550	314.38	116.60	122.65		123.09	0.002291	2.93	107.45	30.48	0.50
GR	262	Max WS	TR200_D600	311.35	116.60	122.63		123.06	0.002302	2.92	106.57	30.44	0.50
GR	262	Max WS	TR200_D650	307.52	116.60	122.59		123.02	0.002316	2.92	105.47	30.39	0.50
GR	262	Max WS	TR200_D700	303.02	116.60	122.55		122.98	0.002332	2.91	104.18	30.33	0.50
GR	261	Max WS	TR200_D450	300.88	116.43	122.61		122.97	0.001634	2.67	112.50	25.83	0.41
GR	261	Max WS	TR200_D350	300.47	116.43	122.61		122.97	0.001634	2.67	112.41	25.83	0.41
GR	261	Max WS	TR200_D400	301.52	116.43	122.62		122.98	0.001634	2.68	112.66	25.83	0.41
GR	261	Max WS	TR200_D500	299.28	116.43	122.60		122.96	0.001632	2.67	112.14	25.83	0.41
GR	261	Max WS	TR200_D550	297.01	116.43	122.57		122.94	0.001632	2.66	111.58	25.83	0.41
GR	261	Max WS	TR200_D600	293.92	116.43	122.55		122.90	0.001630	2.65	110.82	25.83	0.41
GR	261	Max WS	TR200_D650	290.04	116.43	122.51		122.86	0.001629	2.64	109.88	25.83	0.41
GR	261	Max WS	TR200_D700	285.59	116.43	122.47		122.82	0.001628	2.63	108.76	25.83	0.41
GR	260	Max WS	TR200_D450	296.79	116.90	122.49		122.92	0.002181	2.91	102.04	24.34	0.45
GR	260	Max WS	TR200_D350	296.60	116.90	122.48		122.92	0.002184	2.91	101.95	24.34	0.45
GR	260	Max WS	TR200_D400	297.49	116.90	122.49		122.93	0.002182	2.91	102.19	24.34	0.45
GR	260	Max WS	TR200_D500	295.57	116.90	122.47		122.90	0.002186	2.91	101.69	24.34	0.45
GR	260	Max WS	TR200_D550	293.65	116.90	122.45		122.88	0.002192	2.90	101.14	24.34	0.45
GR	260	Max WS	TR200_D600	291.01	116.90	122.42		122.85	0.002201	2.90	100.39	24.34	0.46
GR	260	Max WS	TR200_D650	287.60	116.90	122.38		122.81	0.002209	2.89	99.47	24.34	0.46
GR	260	Max WS	TR200_D700	283.62	116.90	122.34		122.76	0.002220	2.88	98.40	24.34	0.46
GR	259.2	Max WS	TR200_D450	298.50	116.35	122.43		122.67	0.001650	2.16	138.19	48.62	0.41
GR	259.2	Max WS	TR200_D350	298.34	116.35	122.43		122.67	0.001656	2.16	137.98	48.61	0.41
GR	259.2	Max WS	TR200_D400	299.17	116.35	122.44		122.68	0.001646	2.16	138.48	48.62	0.41
GR	259.2	Max WS	TR200_D500	297.37	116.35	122.42		122.65	0.001666	2.16	137.43	48.61	0.41
GR	259.2	Max WS	TR200_D550	295.60	116.35	122.39		122.63	0.001692	2.17	136.26	48.61	0.41
GR	259.2	Max WS	TR200_D600	293.15	116.35	122.36		122.60	0.001727	2.18	134.69	48.61	0.42
GR	259.2	Max WS	TR200_D650	290.04	116.35	122.32		122.56	0.001771	2.18	132.75	48.60	0.42
GR	259.2	Max WS	TR200_D700	286.40	116.35	122.27		122.52	0.001824	2.19	130.48	48.60	0.43
GR	259	Max WS	TR200_D450	298.55	116.35	122.23	120.36	122.77	0.001866	3.28	91.11	48.59	0.48
GR	259	Max WS	TR200_D350	298.40	116.35	122.22	120.36	122.77	0.001869	3.28	91.03	48.59	0.48
GR	259	Max WS	TR200_D400	299.23	116.35	122.23	120.36	122.78	0.001867	3.28	91.21	48.59	0.48
GR	259	Max WS	TR200_D500	297.43	116.35	122.21	120.35	122.76	0.001871	3.27	90.84	48.59	0.48
GR	259	Max WS	TR200_D550	295.65	116.35	122.19	120.34	122.74	0.001877	3.27	90.42	48.59	0.48
GR	259	Max WS	TR200_D600	293.20	116.35	122.16	120.33	122.70	0.001885	3.26	89.86	48.59	0.48
GR	259	Max WS	TR200_D650	290.09	116.35	122.12	120.30	122.66	0.001893	3.25	89.16	48.58	0.48
GR	259	Max WS	TR200_D700	286.45	116.35	122.08	120.28	122.62	0.001903	3.24	88.35	48.58	0.48
GR	258												
GR	257	Max WS	TR200_D450	298.46	116.45	121.71		122.38	0.002662	3.64	82.01	40.53	0.56
GR	257	Max WS	TR200_D350	298.40	116.45	121.70		122.38	0.002669	3.64	81.93	40.53	0.56
GR	257	Max WS	TR200_D400	298.94	116.45	121.71		122.38	0.002666	3.64	82.05	40.53	0.56
GR	257	Max WS	TR200_D500	297.33	116.45	121.70		122.37	0.002661	3.63	81.83	40.53	0.56
GR	257	Max WS	TR200_D550	295.55	116.45	121.68		122.35	0.002657	3.62	81.58	40.53	0.56
GR	257	Max WS	TR200_D600	293.14	116.45	121.66		122.33	0.002651	3.61	81.23	40.53	0.56
GR	257	Max WS	TR200_D650	290.04	116.45	121.64		122.30	0.002641	3.59	80.80	40.52	0.56
GR	257	Max WS	TR200_D700	286.40	116.45	121.62		122.26	0.002630	3.57	80.30	40.52	0.55
GR	256.9												
GR	256.85												
GR	256.8	Max WS	TR200_D450	298.46	116.45	121.64		122.11	0.004057	3.03	98.41	40.52	0.62
GR	256.8	Max WS	TR200_D350	298.39	116.45	121.63		122.10	0.004077	3.04	98.25	40.52	0.62
GR	256.8	Max WS	TR200_D400	298.93	116.45	121.64		122.11	0.004059	3.03	98.50	40.52	0.62
GR	256.8	Max WS	TR200_D500	297.32	116.45	121.63		122.10	0.004072	3.03	98.06	40.52	0.62
GR	256.8	Max WS	TR200_D550	295.55	116.45	121.62		122.08	0.004090	3.03	97.56	40.52	0.62
GR	256.8	Max WS	TR200_D600	293.12	116.45	121.60		122.07	0.004116	3.03	96.87	40.52	0.62
GR	256.8	Max WS	TR200_D650	290.02	116.45	121.58		122.04	0.004145	3.02	96.01	40.51	0.63
GR	256.8	Max WS	TR200_D700	286.38	116.45	121.55		122.02	0.004179	3.01	95.01	40.51	0.63
GR	256	Max WS	TR200_D450	296.77	116.54	121.46		121.93	0.002941	3.05	97.15	31.04	0.55
GR	256	Max WS	TR200_D350	296.80	116.54	121.45		121.93	0.002955	3.06	97.00	31.04	0.55
GR	256	Max WS	TR200_D400	297.28	116.54	121.46		121.94	0.002945	3.06	97.21	31.04	0.55
GR	256	Max WS	TR200_D500	295.67	116.54	121.45		121.92	0.002945	3.05	96.87	31.04	0.55
GR	256	Max WS	TR200_D550	293.98	116.54	121.43		121.91	0.002949	3.05	96.46	31.04	0.55
GR	256	Max WS	TR200_D600	291.63	116.54	121.42		121.89	0.002954	3.04	95.92	31.04	0.55
GR	256	Max WS	TR200_D650	288.64	116.54	121.40		121.86	0.002958	3.03	95.24	31.04	0.55
GR	256	Max WS	TR200_D700	285.10	116.54	121.37		121.83	0.002962	3.02	94.45	31.04	0.55
GR	255	Max WS	TR200_D450	268.84	116.22	121.32		121.66	0.002018	2.55	105.54	33.56	0.46
GR	255	Max WS	TR200_D350	269.03	116.22	121.32		121.65	0.002033	2.55	105.33	33.56	0.46
GR	255	Max WS	TR200_D400	269.33	116.22	121.33		121.66	0.002022	2.55	105.60	33.56	0.46
GR	255	Max WS	TR200_D500	267.87	116.22	121.32		121.65	0.002023	2.55	105.22	33.56	0.46
GR	255	Max WS	TR200_D550	266.50	116.22	121.30		121.63	0.002028	2.54	104.78	33.56	0.46
GR	255	Max WS	TR200_D600	264.61	116.22	121.28		121.61	0.002037	2.54	104.17	33.56	0.46
GR	255	Max WS	TR200_D650	262.21	116.22	121.26		121.59	0.002044	2.54	103.43	33.56	0.46
GR	255	Max WS	TR200_D700	259.34	116.22	121.24		121.56	0.002053	2.53	102.56	33.56	0.46

HEC-RAS River: Greve Reach: GR 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
GR	254	Max WS	TR200_D450	243.47	116.01	121.29		121.47	0.001061	1.85	131.39	42.79	0.34
GR	254	Max WS	TR200_D350	243.87	116.01	121.28		121.46	0.001073	1.86	131.07	42.79	0.34
GR	254	Max WS	TR200_D400	243.96	116.01	121.29		121.47	0.001064	1.86	131.46	42.79	0.34
GR	254	Max WS	TR200_D500	242.60	116.01	121.28		121.46	0.001065	1.85	130.97	42.79	0.34
GR	254	Max WS	TR200_D650	241.46	116.01	121.27		121.44	0.001070	1.85	130.37	42.79	0.34
GR	254	Max WS	TR200_D600	239.89	116.01	121.25		121.42	0.001077	1.85	129.55	42.79	0.34
GR	254	Max WS	TR200_D650	237.83	116.01	121.23		121.40	0.001085	1.85	128.57	42.79	0.34
GR	254	Max WS	TR200_D700	235.34	116.01	121.20		121.37	0.001093	1.85	127.41	42.79	0.34
GR	253	Max WS	TR200_D450	222.74	115.65	121.27		121.42	0.000979	1.76	126.51	40.23	0.32
GR	253	Max WS	TR200_D350	223.63	115.65	121.26		121.42	0.000995	1.77	126.15	40.23	0.32
GR	253	Max WS	TR200_D400	223.30	115.65	121.27		121.43	0.000983	1.76	126.56	40.23	0.32
GR	253	Max WS	TR200_D500	222.15	115.65	121.26		121.41	0.000984	1.76	126.09	40.23	0.32
GR	253	Max WS	TR200_D550	221.45	115.65	121.24		121.40	0.000992	1.76	125.49	40.23	0.32
GR	253	Max WS	TR200_D600	220.36	115.65	121.22		121.38	0.001003	1.77	124.68	40.23	0.32
GR	253	Max WS	TR200_D650	218.85	115.65	121.20		121.36	0.001014	1.77	123.70	40.23	0.32
GR	253	Max WS	TR200_D700	216.95	115.65	121.17		121.33	0.001026	1.77	122.57	40.23	0.32
GR	252	Max WS	TR200_D450	240.46	115.69	121.10		121.39	0.001578	2.39	100.66	29.25	0.41
GR	252	Max WS	TR200_D350	242.42	115.69	121.09		121.39	0.001621	2.42	100.32	29.25	0.42
GR	252	Max WS	TR200_D400	241.20	115.69	121.10		121.40	0.001588	2.40	100.67	29.25	0.41
GR	252	Max WS	TR200_D500	239.65	115.69	121.09		121.38	0.001582	2.39	100.35	29.25	0.41
GR	252	Max WS	TR200_D550	239.05	115.69	121.08		121.37	0.001595	2.39	99.92	29.25	0.41
GR	252	Max WS	TR200_D600	237.96	115.69	121.06		121.35	0.001610	2.40	99.32	29.25	0.42
GR	252	Max WS	TR200_D650	236.31	115.69	121.03		121.33	0.001623	2.40	98.61	29.25	0.42
GR	252	Max WS	TR200_D700	234.22	115.69	121.01		121.30	0.001635	2.39	97.81	29.25	0.42
GR	251	Max WS	TR200_D450	266.63	115.07	120.94		121.37	0.002557	2.91	91.57	26.46	0.50
GR	251	Max WS	TR200_D350	265.88	115.07	120.93		121.36	0.002560	2.91	91.37	26.46	0.50
GR	251	Max WS	TR200_D400	266.71	115.07	120.94		121.37	0.002555	2.91	91.61	26.46	0.50
GR	251	Max WS	TR200_D500	265.75	115.07	120.93		121.36	0.002562	2.91	91.31	26.46	0.50
GR	251	Max WS	TR200_D550	264.53	115.07	120.91		121.35	0.002571	2.91	90.93	26.46	0.50
GR	251	Max WS	TR200_D600	262.94	115.07	120.89		121.33	0.002585	2.91	90.42	26.46	0.50
GR	251	Max WS	TR200_D650	260.99	115.07	120.87		121.30	0.002600	2.91	89.79	26.46	0.50
GR	251	Max WS	TR200_D700	258.45	115.07	120.84		121.27	0.002613	2.90	89.08	26.46	0.50
GR	250	Max WS	TR200_D450	288.55	114.86	120.50		121.10	0.005266	3.43	84.10	34.74	0.70
GR	250	Max WS	TR200_D350	287.55	114.86	120.49		121.09	0.005297	3.43	83.77	34.74	0.71
GR	250	Max WS	TR200_D400	288.76	114.86	120.50		121.10	0.005259	3.43	84.18	34.74	0.70
GR	250	Max WS	TR200_D500	287.22	114.86	120.49		121.09	0.005304	3.43	83.67	34.74	0.71
GR	250	Max WS	TR200_D550	285.34	114.86	120.47		121.07	0.005361	3.44	83.05	34.74	0.71
GR	250	Max WS	TR200_D600	282.80	114.86	120.44		121.05	0.005440	3.44	82.20	34.74	0.71
GR	250	Max WS	TR200_D650	279.74	114.86	120.41		121.02	0.005544	3.45	81.15	34.74	0.72
GR	250	Max WS	TR200_D700	276.26	114.86	120.38		120.99	0.005671	3.46	79.94	34.74	0.73
GR	249	Max WS	TR200_D450	297.35	114.82	120.24		120.90	0.004085	3.61	82.46	26.35	0.65
GR	249	Max WS	TR200_D350	296.12	114.82	120.23		120.89	0.004067	3.60	82.20	26.20	0.65
GR	249	Max WS	TR200_D400	297.61	114.82	120.24		120.90	0.004089	3.61	82.51	26.38	0.65
GR	249	Max WS	TR200_D500	295.71	114.82	120.22		120.88	0.004061	3.60	82.13	26.16	0.65
GR	249	Max WS	TR200_D550	293.39	114.82	120.20		120.86	0.004026	3.59	81.64	25.90	0.65
GR	249	Max WS	TR200_D600	290.27	114.82	120.18		120.83	0.003978	3.58	81.00	25.53	0.64
GR	249	Max WS	TR200_D650	286.48	114.82	120.15		120.80	0.003918	3.57	80.22	25.09	0.64
GR	249	Max WS	TR200_D700	282.21	114.82	120.11		120.76	0.003848	3.56	79.33	24.57	0.63
GR	248	Max WS	TR200_D450	307.75	114.54	120.02		120.54	0.002761	3.18	96.78	28.03	0.55
GR	248	Max WS	TR200_D350	306.31	114.54	120.02		120.53	0.002758	3.17	96.51	28.02	0.55
GR	248	Max WS	TR200_D400	308.07	114.54	120.03		120.54	0.002762	3.18	96.83	28.03	0.55
GR	248	Max WS	TR200_D500	305.83	114.54	120.01		120.53	0.002756	3.17	96.43	28.02	0.55
GR	248	Max WS	TR200_D550	303.11	114.54	119.99		120.50	0.002749	3.16	95.93	28.00	0.55
GR	248	Max WS	TR200_D600	299.44	114.54	119.97		120.47	0.002741	3.14	95.25	27.98	0.54
GR	248	Max WS	TR200_D650	294.98	114.54	119.94		120.44	0.002731	3.12	94.42	27.95	0.54
GR	248	Max WS	TR200_D700	289.91	114.54	119.91		120.40	0.002721	3.10	93.44	27.92	0.54
GR	247	Max WS	TR200_D450	321.29	114.64	119.89		120.23	0.001917	2.57	124.99	38.83	0.46
GR	247	Max WS	TR200_D350	319.65	114.64	119.88		120.21	0.001914	2.56	124.64	38.83	0.46
GR	247	Max WS	TR200_D400	321.66	114.64	119.89		120.23	0.001918	2.57	125.06	38.83	0.46
GR	247	Max WS	TR200_D500	319.10	114.64	119.88		120.21	0.001912	2.56	124.54	38.83	0.46
GR	247	Max WS	TR200_D550	315.97	114.64	119.86		120.19	0.001906	2.55	123.89	38.83	0.46
GR	247	Max WS	TR200_D600	311.77	114.64	119.84		120.16	0.001898	2.53	122.99	38.83	0.45
GR	247	Max WS	TR200_D650	306.64	114.64	119.81		120.13	0.001889	2.52	121.89	38.83	0.45
GR	247	Max WS	TR200_D700	300.76	114.64	119.78		120.09	0.001879	2.49	120.59	38.83	0.45
GR	246	Max WS	TR200_D450	344.94	113.82	119.77		120.11	0.002260	2.62	131.79	42.94	0.48
GR	246	Max WS	TR200_D350	343.19	113.82	119.76		120.10	0.002259	2.61	131.39	42.94	0.48
GR	246	Max WS	TR200_D400	345.35	113.82	119.77		120.12	0.002262	2.62	131.85	42.94	0.48
GR	246	Max WS	TR200_D500	342.56	113.82	119.75		120.10	0.002256	2.61	131.30	42.94	0.48
GR	246	Max WS	TR200_D550	339.16	113.82	119.74		120.08	0.002250	2.60	130.58	42.94	0.48
GR	246	Max WS	TR200_D600	334.58	113.82	119.72		120.05	0.002241	2.58	129.63	42.94	0.47
GR	246	Max WS	TR200_D650	328.98	113.82	119.69		120.02	0.002231	2.56	128.44	42.94	0.47
GR	246	Max WS	TR200_D700	322.48	113.82	119.65		119.98	0.002220	2.54	127.04	42.94	0.47
GR	245	Max WS	TR200_D450	335.18	113.23	119.57		120.09	0.003296	3.18	105.28	34.01	0.58
GR	245	Max WS	TR200_D350	333.68	113.23	119.56		120.07	0.003297	3.18	104.96	33.99	0.58
GR	245	Max WS	TR200_D400	335.55	113.23	119.57		120.09	0.003298	3.19	105.33	34.01	0.58
GR	245	Max WS	TR200_D500	333.09	113.23	119.56		120.07	0.003292	3.18	104.88	33.98	0.58
GR	245	Max WS	TR200_D550	330.13	113.23	119.54		120.05	0.003286	3.16	104.32	33.95	0.58
GR	245	Max WS	TR200_D600	326.13	113.23	119.52		120.02	0.003278	3.15	103.57	33.91	0.58
GR	245	Max WS	TR200_D650	321.21	113.23	119.49		119.99	0.003268	3.13	102.63	33.87	0.57
GR	245	Max WS	TR200_D700	315.49	113.23	119.46		119.95	0.003258	3.11	101.53	33.81	0.57
GR	244	Max WS	TR200_D450	328.52	113.46	119.40		120.15	0.004310	3.84	85.60	23.85	0.65
GR	244	Max WS	TR200_D350	327.20	113.46	119.39		120.14	0.004307	3.83	85.38	23.83	0.65
GR	244	Max WS	TR200_D400	328.86	113.46	119.40		120.15	0.004314	3.84	85.64	23.85	0.65
GR	244	Max WS	TR200_D500	326.64	113.46	119.39		120.13	0.004298	3.83	85.34	23.83	0.65
GR	244	Max WS	TR200_D550	323.98	113.46	119.37		120.11	0.004282	3.81	84.96	23.80	0.64
GR	244	Max WS	TR200_D600	320.39	113.46	119.35		120.08	0.004261	3.79	84.45	23.77	0.64
GR	244	Max WS	TR200_D650	315.94	113.46	119.32		120.05	0.004234	3.77	83.82	23.73	0.64

HEC-RAS River: Greve Reach: GR 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
GR	244	Max WS	TR200_D700	310.76	113.46	119.29		120.00	0.004202	3.74	83.07	23.68	0.64
GR	243	Max WS	TR200_D450	319.69	113.07	119.15		119.83	0.003776	3.65	87.63	24.24	0.61
GR	243	Max WS	TR200_D350	318.60	113.07	119.15		119.82	0.003777	3.64	87.42	24.23	0.61
GR	243	Max WS	TR200_D400	320.00	113.07	119.16		119.83	0.003780	3.65	87.66	24.25	0.61
GR	243	Max WS	TR200_D500	318.06	113.07	119.14		119.82	0.003768	3.64	87.39	24.23	0.61
GR	243	Max WS	TR200_D550	315.77	113.07	119.13		119.80	0.003757	3.63	87.03	24.21	0.61
GR	243	Max WS	TR200_D600	312.68	113.07	119.11		119.77	0.003744	3.61	86.55	24.18	0.61
GR	243	Max WS	TR200_D650	308.82	113.07	119.08		119.74	0.003725	3.59	85.95	24.14	0.61
GR	243	Max WS	TR200_D700	304.31	113.07	119.06		119.71	0.003704	3.57	85.25	24.09	0.61
GR	242	Max WS	TR200_D450	316.14	113.42	118.82		119.00	0.001319	1.88	168.22	66.28	0.38
GR	242	Max WS	TR200_D350	315.26	113.42	118.81		118.99	0.001327	1.88	167.64	66.27	0.38
GR	242	Max WS	TR200_D400	316.45	113.42	118.82		119.00	0.001321	1.88	168.26	66.28	0.38
GR	242	Max WS	TR200_D500	314.72	113.42	118.81		118.99	0.001323	1.88	167.62	66.27	0.38
GR	242	Max WS	TR200_D550	312.69	113.42	118.80		118.97	0.001328	1.88	166.73	66.24	0.38
GR	242	Max WS	TR200_D600	309.96	113.42	118.78		118.96	0.001335	1.87	165.52	66.21	0.38
GR	242	Max WS	TR200_D650	306.55	113.42	118.75		118.93	0.001345	1.87	164.02	66.17	0.38
GR	242	Max WS	TR200_D700	302.59	113.42	118.73		118.91	0.001356	1.86	162.27	66.13	0.38
GR	241	Max WS	TR200_D450	310.77	113.19	118.69	117.35	118.96	0.001682	2.29	135.52	46.16	0.43
GR	241	Max WS	TR200_D350	309.62	113.19	118.68	117.35	118.95	0.001684	2.29	135.14	46.15	0.43
GR	241	Max WS	TR200_D400	310.92	113.19	118.69	117.35	118.96	0.001681	2.29	135.57	46.16	0.43
GR	241	Max WS	TR200_D500	309.50	113.19	118.68	117.35	118.95	0.001684	2.29	135.11	46.15	0.43
GR	241	Max WS	TR200_D550	307.63	113.19	118.66	117.34	118.93	0.001688	2.29	134.49	46.14	0.43
GR	241	Max WS	TR200_D600	305.09	113.19	118.65	117.33	118.91	0.001694	2.28	133.65	46.12	0.43
GR	241	Max WS	TR200_D650	301.97	113.19	118.62	117.33	118.89	0.001701	2.28	132.61	46.11	0.43
GR	241	Max WS	TR200_D700	298.31	113.19	118.60	117.30	118.86	0.001709	2.27	131.38	46.09	0.43
GR	240.5			Inl Struct									
GR	240	Max WS	TR200_D450	310.76	111.06	117.51		118.45	0.006104	4.29	72.40	21.27	0.74
GR	240	Max WS	TR200_D350	309.58	111.06	117.50		118.44	0.006098	4.29	72.24	21.26	0.74
GR	240	Max WS	TR200_D400	310.89	111.06	117.51		118.45	0.006108	4.29	72.41	21.27	0.74
GR	240	Max WS	TR200_D500	309.50	111.06	117.50		118.44	0.006090	4.28	72.26	21.26	0.74
GR	240	Max WS	TR200_D550	307.63	111.06	117.49		118.42	0.006073	4.27	72.03	21.25	0.74
GR	240	Max WS	TR200_D600	305.09	111.06	117.48		118.40	0.006048	4.25	71.73	21.24	0.74
GR	240	Max WS	TR200_D650	301.97	111.06	117.46		118.37	0.006018	4.23	71.35	21.23	0.74
GR	240	Max WS	TR200_D700	298.31	111.06	117.44		118.34	0.005983	4.21	70.91	21.21	0.73
GR	239	Max WS	TR200_D450	309.14	112.57	117.14		117.69	0.004448	3.28	94.28	38.89	0.67
GR	239	Max WS	TR200_D350	308.20	112.57	117.14		117.68	0.004464	3.28	94.00	38.89	0.67
GR	239	Max WS	TR200_D400	309.27	112.57	117.14		117.69	0.004452	3.28	94.28	38.89	0.67
GR	239	Max WS	TR200_D500	308.02	112.57	117.14		117.68	0.004450	3.27	94.06	38.89	0.67
GR	239	Max WS	TR200_D550	306.43	112.57	117.13		117.67	0.004457	3.27	93.70	38.89	0.67
GR	239	Max WS	TR200_D600	304.17	112.57	117.12		117.66	0.004467	3.26	93.20	38.89	0.67
GR	239	Max WS	TR200_D650	301.49	112.57	117.10		117.64	0.004477	3.26	92.62	38.89	0.67
GR	239	Max WS	TR200_D700	298.13	112.57	117.08		117.62	0.004486	3.24	91.91	38.89	0.67
GR	238	Max WS	TR200_D450	307.24	112.71	116.88		117.53	0.004189	3.59	85.63	29.04	0.67
GR	238	Max WS	TR200_D350	306.27	112.71	116.87		117.53	0.004193	3.59	85.41	29.03	0.67
GR	238	Max WS	TR200_D400	307.36	112.71	116.88		117.53	0.004192	3.59	85.63	29.04	0.67
GR	238	Max WS	TR200_D500	306.20	112.71	116.87		117.53	0.004183	3.58	85.47	29.03	0.67
GR	238	Max WS	TR200_D550	304.63	112.71	116.86		117.51	0.004178	3.58	85.20	29.01	0.67
GR	238	Max WS	TR200_D600	302.53	112.71	116.85		117.50	0.004172	3.57	84.84	28.98	0.67
GR	238	Max WS	TR200_D650	299.99	112.71	116.84		117.48	0.004165	3.55	84.41	28.95	0.66
GR	238	Max WS	TR200_D700	296.96	112.71	116.82		117.46	0.004157	3.54	83.88	28.92	0.66
GR	237	Max WS	TR200_D450	305.41	112.12	116.64		117.15	0.004093	3.18	95.92	38.04	0.64
GR	237	Max WS	TR200_D350	304.12	112.12	116.63		117.15	0.004099	3.18	95.62	38.04	0.64
GR	237	Max WS	TR200_D400	305.36	112.12	116.64		117.15	0.004094	3.18	95.91	38.04	0.64
GR	237	Max WS	TR200_D500	304.47	112.12	116.63		117.15	0.004095	3.18	95.72	38.04	0.64
GR	237	Max WS	TR200_D550	302.94	112.12	116.62		117.14	0.004099	3.18	95.39	38.04	0.64
GR	237	Max WS	TR200_D600	300.84	112.12	116.61		117.12	0.004104	3.17	94.94	38.04	0.64
GR	237	Max WS	TR200_D650	298.39	112.12	116.60		117.11	0.004114	3.16	94.38	38.04	0.64
GR	237	Max WS	TR200_D700	295.36	112.12	116.58		117.09	0.004123	3.15	93.71	38.04	0.64
GR	236	Max WS	TR200_D450	301.35	111.10	116.40		117.07	0.005478	3.61	83.39	33.97	0.74
GR	236	Max WS	TR200_D350	300.07	111.10	116.40		117.06	0.005492	3.61	83.10	33.97	0.74
GR	236	Max WS	TR200_D400	301.29	111.10	116.40		117.07	0.005480	3.61	83.37	33.97	0.74
GR	236	Max WS	TR200_D500	300.47	111.10	116.40		117.06	0.005485	3.61	83.21	33.97	0.74
GR	236	Max WS	TR200_D550	299.03	111.10	116.39		117.05	0.005497	3.61	82.90	33.97	0.74
GR	236	Max WS	TR200_D600	297.06	111.10	116.38		117.04	0.005514	3.60	82.47	33.97	0.74
GR	236	Max WS	TR200_D650	294.70	111.10	116.36		117.02	0.005537	3.60	81.94	33.97	0.74
GR	236	Max WS	TR200_D700	291.84	111.10	116.34		117.00	0.005558	3.59	81.32	33.94	0.74
GR	235	Max WS	TR200_D450	299.43	110.91	116.14		116.76	0.004944	3.49	85.85	32.42	0.68
GR	235	Max WS	TR200_D350	298.19	110.91	116.13		116.75	0.004955	3.49	85.56	32.42	0.69
GR	235	Max WS	TR200_D400	299.31	110.91	116.14		116.76	0.004942	3.49	85.84	32.42	0.68
GR	235	Max WS	TR200_D500	298.57	110.91	116.13		116.75	0.004950	3.49	85.66	32.42	0.68
GR	235	Max WS	TR200_D550	297.28	110.91	116.12		116.74	0.004963	3.48	85.35	32.41	0.69
GR	235	Max WS	TR200_D600	295.44	110.91	116.11		116.72	0.004981	3.48	84.92	32.41	0.69
GR	235	Max WS	TR200_D650	293.22	110.91	116.09		116.71	0.005002	3.47	84.39	32.40	0.69
GR	235	Max WS	TR200_D700	290.50	110.91	116.07		116.68	0.005027	3.47	83.76	32.39	0.69
GR	234	Max WS	TR200_D450	295.20	111.44	115.84		116.28	0.004026	2.95	100.06	44.69	0.63
GR	234	Max WS	TR200_D350	294.12	111.44	115.83		116.27	0.004050	2.95	99.64	44.68	0.63
GR	234	Max WS	TR200_D400	295.12	111.44	115.84		116.28	0.004027	2.95	100.04	44.69	0.63
GR	234	Max WS	TR200_D500	294.44	111.44	115.83		116.27	0.004040	2.95	99.79	44.68	0.63
GR	234	Max WS	TR200_D550	293.22	111.44	115.82		116.27	0.004066	2.95	99.33	44.67	0.63
GR	234	Max WS	TR200_D600	291.55	111.44	115.81		116.25	0.004102	2.95	98.70	44.65	0.63
GR	234	Max WS	TR200_D650	289.55	111.44	115.79		116.24	0.004148	2.96	97.93	44.64	0.64
GR	234	Max WS	TR200_D700	287.07	111.44	115.77		116.22	0.004201	2.96	97.02	44.61	0.64
GR	233	Max WS	TR200_D450	307.90	111.21	115.64		116.12	0.004042	3.05	100.92	44.04	0.64
GR	233	Max WS	TR200_D350	306.55	111.21	115.63		116.11	0.004063	3.05	100.45	44.00	0.64
GR	233	Max WS	TR200_D400	307.88	111.21	115.64		116.12	0.004045	3.05	100.90	44.04	0.64
GR	233	Max WS	TR200_D500	306.89	111.21	115.64		116.11	0.004051	3.05	100.63	44.01	0.64

HEC-RAS River: Greve Reach: GR 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
GR	233	Max WS	TR200_D550	305.26	111.21	115.63		116.10	0.004067	3.05	100.14	43.97	0.64
GR	233	Max WS	TR200_D600	303.06	111.21	115.61		116.08	0.004090	3.05	99.48	43.91	0.65
GR	233	Max WS	TR200_D650	300.28	111.21	115.59		116.06	0.004118	3.04	98.65	43.84	0.65
GR	233	Max WS	TR200_D700	297.03	111.21	115.57		116.04	0.004151	3.04	97.67	43.75	0.65
GR	232	Max WS	TR200_D450	312.24	110.58	115.39		115.72	0.002969	2.53	123.39	56.55	0.55
GR	232	Max WS	TR200_D350	310.73	110.58	115.38		115.71	0.002989	2.53	122.74	56.50	0.55
GR	232	Max WS	TR200_D400	312.21	110.58	115.39		115.72	0.002971	2.53	123.36	56.55	0.55
GR	232	Max WS	TR200_D500	311.17	110.58	115.38		115.71	0.002978	2.53	123.00	56.52	0.55
GR	232	Max WS	TR200_D550	309.40	110.58	115.37		115.70	0.002994	2.53	122.33	56.47	0.55
GR	232	Max WS	TR200_D600	307.01	110.58	115.35		115.68	0.003019	2.53	121.40	56.40	0.55
GR	232	Max WS	TR200_D650	303.98	110.58	115.33		115.66	0.003047	2.53	120.26	56.31	0.55
GR	232	Max WS	TR200_D700	300.46	110.58	115.31		115.64	0.003083	2.53	118.91	56.21	0.55
GR	231	Max WS	TR200_D450	313.54	110.37	115.22		115.61	0.003438	2.79	112.52	50.62	0.60
GR	231	Max WS	TR200_D350	311.89	110.37	115.20		115.60	0.003463	2.79	111.89	50.60	0.60
GR	231	Max WS	TR200_D400	313.51	110.37	115.22		115.61	0.003440	2.79	112.49	50.62	0.60
GR	231	Max WS	TR200_D500	312.37	110.37	115.21		115.60	0.003450	2.79	112.14	50.61	0.60
GR	231	Max WS	TR200_D550	310.50	110.37	115.20		115.59	0.003470	2.78	111.51	50.59	0.60
GR	231	Max WS	TR200_D600	307.94	110.37	115.18		115.57	0.003500	2.78	110.63	50.56	0.60
GR	231	Max WS	TR200_D650	304.73	110.37	115.16		115.55	0.003539	2.78	109.52	50.53	0.60
GR	231	Max WS	TR200_D700	301.02	110.37	115.13		115.53	0.003589	2.78	108.20	50.49	0.61
GR	230	Max WS	TR200_D450	313.78	110.23	115.06		115.42	0.003089	2.68	117.07	51.02	0.56
GR	230	Max WS	TR200_D350	311.94	110.23	115.04		115.41	0.003112	2.68	116.38	51.00	0.57
GR	230	Max WS	TR200_D400	313.64	110.23	115.06		115.42	0.003090	2.68	117.03	51.02	0.57
GR	230	Max WS	TR200_D500	312.64	110.23	115.05		115.41	0.003101	2.68	116.67	51.00	0.57
GR	230	Max WS	TR200_D550	310.77	110.23	115.03		115.40	0.003123	2.68	115.97	50.98	0.57
GR	230	Max WS	TR200_D600	308.20	110.23	115.02		115.38	0.003153	2.68	115.01	50.95	0.57
GR	230	Max WS	TR200_D650	305.00	110.23	114.99		115.36	0.003192	2.68	113.81	50.92	0.57
GR	230	Max WS	TR200_D700	301.33	110.23	114.96		115.33	0.003245	2.68	112.37	50.87	0.58
GR	229	Max WS	TR200_D450	299.97	109.93	114.91		115.29	0.002238	2.71	110.86	36.21	0.49
GR	229	Max WS	TR200_D350	298.40	109.93	114.90		115.27	0.002248	2.70	110.32	36.19	0.49
GR	229	Max WS	TR200_D400	299.85	109.93	114.91		115.29	0.002239	2.71	110.82	36.21	0.49
GR	229	Max WS	TR200_D500	299.00	109.93	114.91		115.28	0.002243	2.70	110.55	36.20	0.49
GR	229	Max WS	TR200_D550	297.37	109.93	114.89		115.26	0.002251	2.70	110.02	36.17	0.49
GR	229	Max WS	TR200_D600	295.18	109.93	114.87		115.24	0.002263	2.70	109.29	36.14	0.50
GR	229	Max WS	TR200_D650	292.48	109.93	114.85		115.22	0.002278	2.70	108.39	36.10	0.50
GR	229	Max WS	TR200_D700	289.43	109.93	114.82		115.19	0.002301	2.70	107.29	36.05	0.50
GR	228	Max WS	TR200_D450	276.60	110.37	114.83		115.18	0.002400	2.64	104.72	36.64	0.50
GR	228	Max WS	TR200_D350	275.34	110.37	114.81		115.17	0.002420	2.64	104.13	36.61	0.50
GR	228	Max WS	TR200_D400	276.49	110.37	114.83		115.18	0.002401	2.64	104.67	36.63	0.50
GR	228	Max WS	TR200_D500	275.81	110.37	114.82		115.17	0.002411	2.64	104.37	36.62	0.50
GR	228	Max WS	TR200_D550	274.52	110.37	114.80		115.16	0.002428	2.64	103.80	36.59	0.50
GR	228	Max WS	TR200_D600	272.81	110.37	114.78		115.14	0.002454	2.65	103.01	36.55	0.50
GR	228	Max WS	TR200_D650	270.70	110.37	114.75		115.11	0.002488	2.65	102.02	36.49	0.51
GR	228	Max WS	TR200_D700	268.42	110.37	114.72		115.08	0.002537	2.66	100.81	36.43	0.51
GR	227	Max WS	TR200_D450	250.80	109.94	114.73		115.01	0.001962	2.35	106.85	38.24	0.45
GR	227	Max WS	TR200_D350	249.76	109.94	114.72		115.00	0.001986	2.35	106.17	38.24	0.45
GR	227	Max WS	TR200_D400	250.72	109.94	114.73		115.01	0.001963	2.35	106.81	38.24	0.45
GR	227	Max WS	TR200_D500	250.13	109.94	114.72		115.00	0.001974	2.35	106.46	38.24	0.45
GR	227	Max WS	TR200_D550	249.00	109.94	114.71		114.99	0.001996	2.35	105.80	38.24	0.45
GR	227	Max WS	TR200_D600	247.50	109.94	114.68		114.97	0.002026	2.36	104.89	38.24	0.45
GR	227	Max WS	TR200_D650	245.65	109.94	114.65		114.94	0.002066	2.37	103.75	38.24	0.46
GR	227	Max WS	TR200_D700	243.77	109.94	114.61		114.90	0.002127	2.38	102.30	38.24	0.47
GR	226	Max WS	TR200_D450	254.71	109.46	114.57		114.99	0.002917	2.88	88.43	30.85	0.54
GR	226	Max WS	TR200_D350	253.14	109.46	114.55		114.98	0.002937	2.88	87.89	30.85	0.54
GR	226	Max WS	TR200_D400	254.62	109.46	114.57		114.99	0.002918	2.88	88.40	30.85	0.54
GR	226	Max WS	TR200_D500	253.64	109.46	114.56		114.98	0.002924	2.88	88.13	30.85	0.54
GR	226	Max WS	TR200_D550	251.90	109.46	114.54		114.97	0.002937	2.88	87.61	30.85	0.54
GR	226	Max WS	TR200_D600	249.56	109.46	114.52		114.94	0.002958	2.87	86.89	30.85	0.55
GR	226	Max WS	TR200_D650	246.67	109.46	114.49		114.91	0.002987	2.87	85.97	30.85	0.55
GR	226	Max WS	TR200_D700	243.62	109.46	114.45		114.87	0.003040	2.87	84.81	30.85	0.55
GR	225	Max WS	TR200_D450	231.77	108.92	114.43		114.60	0.000970	1.80	129.05	40.78	0.32
GR	225	Max WS	TR200_D350	230.35	108.92	114.41		114.58	0.000977	1.80	128.24	40.74	0.32
GR	225	Max WS	TR200_D400	231.69	108.92	114.43		114.60	0.000971	1.80	129.00	40.77	0.32
GR	225	Max WS	TR200_D500	230.89	108.92	114.42		114.59	0.000973	1.80	128.61	40.75	0.32
GR	225	Max WS	TR200_D550	229.40	108.92	114.41		114.57	0.000977	1.79	127.87	40.72	0.32
GR	225	Max WS	TR200_D600	227.38	108.92	114.38		114.54	0.000985	1.79	126.81	40.67	0.32
GR	225	Max WS	TR200_D650	224.97	108.92	114.35		114.51	0.000995	1.79	125.49	40.60	0.33
GR	225	Max WS	TR200_D700	222.56	108.92	114.31		114.47	0.001011	1.80	123.96	40.53	0.33
GR	224	Max WS	TR200_D450	231.55	109.02	114.17		114.59	0.002281	2.88	80.37	22.03	0.48
GR	224	Max WS	TR200_D350	230.37	109.02	114.15		114.57	0.002289	2.88	79.92	21.95	0.48
GR	224	Max WS	TR200_D400	231.51	109.02	114.17		114.59	0.002282	2.88	80.34	22.02	0.48
GR	224	Max WS	TR200_D500	230.79	109.02	114.16		114.58	0.002283	2.88	80.13	21.99	0.48
GR	224	Max WS	TR200_D550	229.56	109.02	114.14		114.56	0.002287	2.88	79.72	21.92	0.48
GR	224	Max WS	TR200_D600	227.85	109.02	114.11		114.53	0.002292	2.88	79.14	21.82	0.48
GR	224	Max WS	TR200_D650	225.82	109.02	114.08		114.50	0.002303	2.88	78.41	21.69	0.48
GR	224	Max WS	TR200_D700	223.67	109.02	114.04		114.46	0.002319	2.88	77.57	21.54	0.49
GR	223	Max WS	TR200_D450	250.87	108.63	114.06		114.33	0.001468	2.33	107.79	29.87	0.39
GR	223	Max WS	TR200_D350	249.25	108.63	114.03		114.31	0.001474	2.33	107.18	29.83	0.39
GR	223	Max WS	TR200_D400	250.81	108.63	114.05		114.33	0.001469	2.33	107.75	29.86	0.39
GR	223	Max WS	TR200_D500	249.93	108.63	114.04		114.32	0.001470	2.33	107.48	29.85	0.39
GR	223	Max WS	TR200_D550	248.31	108.63	114.03		114.30	0.001473	2.32	106.91	29.82	0.39
GR	223	Max WS	TR200_D600	246.05	108.63	114.00		114.27	0.001478	2.32	106.13	29.78	0.39
GR	223	Max WS	TR200_D650	243.34	108.63	113.97		114.24	0.001487	2.31	105.12	29.73	0.39
GR	223	Max WS	TR200_D700	240.29	108.63	113.93		114.20	0.001498	2.31	103.97	29.67	0.39
GR	222	Max WS	TR200_D450	266.93	108.58	114.01		114.18	0.000866	1.82	146.65	42.10	0.31
GR	222	Max WS	TR200_D350	264.90	108.58	113.99		114.16	0.000868	1.82	145.81	42.07	0.31
GR	222	Max WS	TR200_D400	266.81	108.58	114.01		114.18	0.000866	1.82	146.60	42.10	0.31

HEC-RAS River: Greve Reach: GR 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
GR	222	Max WS	TR200_D500	265.75	108.58	114.00		114.17	0.000866	1.82	146.20	42.09	0.31
GR	222	Max WS	TR200_D550	263.76	108.58	113.98		114.15	0.000868	1.81	145.42	42.06	0.31
GR	222	Max WS	TR200_D600	261.03	108.58	113.95		114.12	0.000870	1.81	144.33	42.03	0.31
GR	222	Max WS	TR200_D650	257.74	108.58	113.92		114.09	0.000874	1.80	142.91	41.98	0.31
GR	222	Max WS	TR200_D700	253.99	108.58	113.88		114.04	0.000879	1.80	141.26	41.93	0.31
GR	221	Max WS	TR200_D450	285.61	108.45	113.84		114.15	0.001560	2.46	115.97	31.10	0.41
GR	221	Max WS	TR200_D350	283.01	108.45	113.82		114.13	0.001555	2.45	115.38	31.08	0.41
GR	221	Max WS	TR200_D400	285.45	108.45	113.84		114.15	0.001560	2.46	115.93	31.10	0.41
GR	221	Max WS	TR200_D500	284.11	108.45	113.83		114.14	0.001556	2.46	115.67	31.09	0.41
GR	221	Max WS	TR200_D550	281.60	108.45	113.82		114.12	0.001549	2.45	115.13	31.07	0.41
GR	221	Max WS	TR200_D600	278.13	108.45	113.79		114.09	0.001541	2.43	114.38	31.03	0.40
GR	221	Max WS	TR200_D650	273.93	108.45	113.76		114.06	0.001533	2.42	113.41	30.99	0.40
GR	221	Max WS	TR200_D700	269.12	108.45	113.72		114.02	0.001525	2.40	112.28	30.95	0.40
GR	220	Max WS	TR200_D450	327.76	108.57	113.72		113.98	0.001544	2.25	145.85	47.12	0.41
GR	220	Max WS	TR200_D350	324.59	108.57	113.70		113.96	0.001543	2.24	144.99	47.12	0.41
GR	220	Max WS	TR200_D400	327.59	108.57	113.72		113.98	0.001545	2.25	145.79	47.12	0.41
GR	220	Max WS	TR200_D500	325.99	108.57	113.71		113.97	0.001543	2.24	145.40	47.12	0.41
GR	220	Max WS	TR200_D550	322.96	108.57	113.69		113.95	0.001540	2.23	144.61	47.12	0.41
GR	220	Max WS	TR200_D600	318.73	108.57	113.67		113.92	0.001537	2.22	143.52	47.12	0.41
GR	220	Max WS	TR200_D650	313.65	108.57	113.64		113.89	0.001537	2.21	142.07	47.12	0.41
GR	220	Max WS	TR200_D700	307.78	108.57	113.61		113.85	0.001537	2.19	140.40	47.12	0.41
GR	219	Max WS	TR200_D450	355.56	108.50	113.56		114.15	0.004810	3.40	104.58	43.24	0.70
GR	219	Max WS	TR200_D350	352.01	108.50	113.54		114.13	0.004833	3.39	103.78	43.24	0.70
GR	219	Max WS	TR200_D400	355.33	108.50	113.56		114.15	0.004812	3.40	104.53	43.24	0.70
GR	219	Max WS	TR200_D500	353.58	108.50	113.55		114.14	0.004817	3.39	104.17	43.24	0.70
GR	219	Max WS	TR200_D550	350.22	108.50	113.54		114.12	0.004833	3.39	103.45	43.24	0.70
GR	219	Max WS	TR200_D600	345.81	108.50	113.51		114.09	0.004866	3.38	102.41	43.24	0.70
GR	219	Max WS	TR200_D650	339.90	108.50	113.48		114.06	0.004904	3.36	101.06	43.24	0.70
GR	219	Max WS	TR200_D700	333.35	108.50	113.45		114.02	0.004961	3.35	99.48	43.24	0.71
GR	218	Max WS	TR200_D450	332.60	108.24	113.34		113.79	0.002821	2.98	111.68	36.67	0.54
GR	218	Max WS	TR200_D350	329.69	108.24	113.32		113.77	0.002828	2.97	110.97	36.67	0.55
GR	218	Max WS	TR200_D400	332.42	108.24	113.34		113.79	0.002823	2.98	111.62	36.67	0.55
GR	218	Max WS	TR200_D500	330.99	108.24	113.33		113.78	0.002822	2.97	111.33	36.67	0.54
GR	218	Max WS	TR200_D550	328.20	108.24	113.31		113.76	0.002825	2.96	110.70	36.67	0.54
GR	218	Max WS	TR200_D600	324.35	108.24	113.29		113.73	0.002830	2.95	109.80	36.67	0.55
GR	218	Max WS	TR200_D650	319.70	108.24	113.26		113.70	0.002844	2.94	108.62	36.67	0.55
GR	218	Max WS	TR200_D700	314.26	108.24	113.22		113.66	0.002862	2.93	107.22	36.67	0.55
GR	217	Max WS	TR200_D450	286.35	108.24	113.22		113.58	0.002373	2.67	107.26	36.67	0.50
GR	217	Max WS	TR200_D350	284.09	108.24	113.20		113.56	0.002387	2.67	106.53	36.67	0.50
GR	217	Max WS	TR200_D400	286.20	108.24	113.22		113.58	0.002375	2.67	107.21	36.67	0.50
GR	217	Max WS	TR200_D500	285.16	108.24	113.21		113.57	0.002379	2.67	106.91	36.67	0.50
GR	217	Max WS	TR200_D550	283.07	108.24	113.19		113.55	0.002389	2.66	106.26	36.67	0.50
GR	217	Max WS	TR200_D600	280.21	108.24	113.17		113.53	0.002406	2.66	105.33	36.67	0.50
GR	217	Max WS	TR200_D650	276.95	108.24	113.13		113.49	0.002441	2.66	104.08	36.67	0.50
GR	217	Max WS	TR200_D700	273.12	108.24	113.09		113.45	0.002483	2.66	102.60	36.67	0.51
GR	216	Max WS	TR200_D450	254.63	108.27	113.13		113.42	0.002033	2.37	107.43	39.08	0.46
GR	216	Max WS	TR200_D350	252.46	108.27	113.11		113.40	0.002048	2.37	106.61	39.08	0.46
GR	216	Max WS	TR200_D400	254.49	108.27	113.13		113.42	0.002036	2.37	107.36	39.08	0.46
GR	216	Max WS	TR200_D500	253.51	108.27	113.12		113.41	0.002040	2.37	107.03	39.08	0.46
GR	216	Max WS	TR200_D550	251.52	108.27	113.10		113.39	0.002051	2.37	106.31	39.08	0.46
GR	216	Max WS	TR200_D600	248.88	108.27	113.08		113.36	0.002067	2.36	105.28	39.01	0.46
GR	216	Max WS	TR200_D650	246.05	108.27	113.04		113.33	0.002053	2.37	103.89	38.15	0.46
GR	216	Max WS	TR200_D700	242.77	108.27	113.00		113.29	0.002033	2.37	102.30	37.12	0.46
GR	215	Max WS	TR200_D450	228.44	108.14	113.09		113.27	0.001083	1.86	123.11	40.51	0.34
GR	215	Max WS	TR200_D350	226.18	108.14	113.07		113.24	0.001086	1.85	122.22	40.51	0.34
GR	215	Max WS	TR200_D400	228.28	108.14	113.09		113.26	0.001083	1.86	123.04	40.51	0.34
GR	215	Max WS	TR200_D500	227.31	108.14	113.08		113.26	0.001084	1.85	122.68	40.51	0.34
GR	215	Max WS	TR200_D550	225.30	108.14	113.06		113.24	0.001086	1.85	121.91	40.51	0.34
GR	215	Max WS	TR200_D600	222.66	108.14	113.03		113.21	0.001092	1.84	120.80	40.51	0.34
GR	215	Max WS	TR200_D650	220.12	108.14	113.00		113.17	0.001108	1.84	119.38	40.51	0.34
GR	215	Max WS	TR200_D700	217.22	108.14	112.96		113.13	0.001128	1.85	117.72	40.51	0.35
GR	214	Max WS	TR200_D450	222.00	109.19	113.05	111.38	113.23	0.001198	1.88	117.78	40.03	0.35
GR	214	Max WS	TR200_D350	219.95	109.19	113.03	111.37	113.21	0.001205	1.88	116.88	40.03	0.35
GR	214	Max WS	TR200_D400	221.87	109.19	113.05	111.38	113.23	0.001199	1.88	117.71	40.03	0.35
GR	214	Max WS	TR200_D500	220.95	109.19	113.04	111.38	113.22	0.001201	1.88	117.34	40.03	0.35
GR	214	Max WS	TR200_D550	219.09	109.19	113.02	111.37	113.20	0.001206	1.88	116.56	40.03	0.35
GR	214	Max WS	TR200_D600	216.57	109.19	112.99	111.36	113.17	0.001214	1.88	115.45	40.03	0.35
GR	214	Max WS	TR200_D650	213.62	109.19	112.96	111.33	113.13	0.001227	1.87	114.07	40.03	0.35
GR	214	Max WS	TR200_D700	210.25	109.19	112.91	111.32	113.09	0.001245	1.87	112.42	40.03	0.36
GR	213.5		Inl Struct										
GR	213	Max WS	TR200_D450	222.00	107.50	112.93		113.06	0.000593	1.62	137.02	33.24	0.25
GR	213	Max WS	TR200_D350	219.94	107.50	112.91		113.04	0.000592	1.61	136.28	33.24	0.25
GR	213	Max WS	TR200_D400	221.87	107.50	112.93		113.06	0.000593	1.62	136.96	33.24	0.25
GR	213	Max WS	TR200_D500	220.95	107.50	112.92		113.05	0.000592	1.62	136.68	33.24	0.25
GR	213	Max WS	TR200_D550	219.10	107.50	112.90		113.03	0.000591	1.61	136.03	33.24	0.25
GR	213	Max WS	TR200_D600	216.57	107.50	112.87		113.00	0.000589	1.60	135.11	33.24	0.25
GR	213	Max WS	TR200_D650	213.62	107.50	112.84		112.97	0.000589	1.59	133.95	33.24	0.25
GR	213	Max WS	TR200_D700	210.25	107.50	112.79		112.92	0.000588	1.59	132.57	33.24	0.25
GR	212	Max WS	TR200_D450	228.10	106.51	112.94		113.04	0.000494	1.42	160.38	41.09	0.23
GR	212	Max WS	TR200_D350	226.09	106.51	112.91		113.02	0.000495	1.42	159.45	41.09	0.23
GR	212	Max WS	TR200_D400	227.97	106.51	112.93		113.04	0.000495	1.42	160.30	41.09	0.23
GR	212	Max WS	TR200_D500	227.06	106.51	112.92		113.03	0.000494	1.42	159.94	41.09	0.23
GR	212	Max WS	TR200_D550	225.25	106.51	112.91		113.01	0.000494	1.42	159.14	41.09	0.23
GR	212	Max WS	TR200_D600	222.77	106.51	112.88		112.98	0.000494	1.41	157.99	41.09	0.23
GR	212	Max WS	TR200_D650	219.90	106.51	112.84		112.94	0.000496	1.40	156.55	41.09	0.23
GR	212	Max WS	TR200_D700	216.61	106.51	112.80		112.90	0.000498	1.40	154.82	41.09	0.23

HEC-RAS River: Greve Reach: GR 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
GR	211	Max WS	TR200_D450	265.85	105.59	112.85		112.99	0.000644	1.64	162.03	39.99	0.26
GR	211	Max WS	TR200_D350	263.98	105.59	112.83		112.97	0.000646	1.64	161.12	39.99	0.26
GR	211	Max WS	TR200_D400	265.73	105.59	112.85		112.99	0.000644	1.64	161.96	39.99	0.26
GR	211	Max WS	TR200_D500	264.85	105.59	112.84		112.98	0.000644	1.64	161.61	39.99	0.26
GR	211	Max WS	TR200_D550	263.13	105.59	112.82		112.96	0.000646	1.64	160.80	39.99	0.26
GR	211	Max WS	TR200_D600	260.79	105.59	112.80		112.93	0.000648	1.63	159.67	39.99	0.26
GR	211	Max WS	TR200_D650	257.95	105.59	112.76		112.90	0.000652	1.63	158.24	39.99	0.26
GR	211	Max WS	TR200_D700	254.75	105.59	112.72		112.85	0.000658	1.63	156.54	39.99	0.26
GR	210.2	Max WS	TR200_D450	303.89	105.69	112.74		112.94	0.000858	1.97	153.97	36.32	0.31
GR	210.2	Max WS	TR200_D350	301.87	105.69	112.72		112.92	0.000860	1.97	153.14	36.32	0.31
GR	210.2	Max WS	TR200_D400	303.77	105.69	112.74		112.94	0.000858	1.97	153.90	36.32	0.31
GR	210.2	Max WS	TR200_D500	302.79	105.69	112.73		112.93	0.000858	1.97	153.58	36.32	0.31
GR	210.2	Max WS	TR200_D550	300.93	105.69	112.71		112.91	0.000860	1.97	152.86	36.32	0.31
GR	210.2	Max WS	TR200_D600	298.35	105.69	112.68		112.88	0.000863	1.96	151.84	36.32	0.31
GR	210.2	Max WS	TR200_D650	295.18	105.69	112.65		112.84	0.000867	1.96	150.56	36.32	0.31
GR	210.2	Max WS	TR200_D700	291.59	105.69	112.60		112.80	0.000873	1.96	149.02	36.32	0.31
GR	210	Max WS	TR200_D450	303.97	105.69	112.68	109.63	112.94	0.001338	2.26	134.60	36.32	0.37
GR	210	Max WS	TR200_D350	301.95	105.69	112.66	109.62	112.92	0.001347	2.26	133.76	36.32	0.38
GR	210	Max WS	TR200_D400	303.86	105.69	112.68	109.63	112.94	0.001340	2.26	134.52	36.32	0.37
GR	210	Max WS	TR200_D500	302.88	105.69	112.67	109.62	112.93	0.001341	2.26	134.21	36.32	0.37
GR	210	Max WS	TR200_D550	301.01	105.69	112.65	109.61	112.91	0.001347	2.26	133.48	36.32	0.38
GR	210	Max WS	TR200_D600	298.45	105.69	112.62	109.59	112.88	0.001356	2.25	132.45	36.32	0.38
GR	210	Max WS	TR200_D650	295.27	105.69	112.59	109.57	112.85	0.001368	2.25	131.17	36.32	0.38
GR	210	Max WS	TR200_D700	291.67	105.69	112.55	109.55	112.80	0.001385	2.25	129.62	36.32	0.38
GR	209			Bridge									
GR	208	Max WS	TR200_D450	303.90	106.06	111.46		112.09	0.004952	3.51	86.47	33.30	0.70
GR	208	Max WS	TR200_D350	301.95	106.06	111.44		112.07	0.004847	3.52	85.67	32.23	0.69
GR	208	Max WS	TR200_D400	303.84	106.06	111.46		112.09	0.004944	3.52	86.35	33.14	0.70
GR	208	Max WS	TR200_D500	302.75	106.06	111.45		112.08	0.004901	3.51	86.20	32.94	0.69
GR	208	Max WS	TR200_D550	300.81	106.06	111.44		112.06	0.004809	3.51	85.64	32.19	0.69
GR	208	Max WS	TR200_D600	298.19	106.06	111.41		112.04	0.004673	3.52	84.82	31.06	0.68
GR	208	Max WS	TR200_D650	294.94	106.06	111.38		112.01	0.003409	3.52	83.86	29.77	0.60
GR	208	Max WS	TR200_D700	291.40	106.06	111.33		111.97	0.003458	3.52	82.84	29.70	0.60
GR	207.9			Lat Struct									
GR	207.85			Lat Struct									
GR	207.8	Max WS	TR200_D450	304.77	106.06	111.42		111.93	0.003254	3.17	96.24	31.46	0.58
GR	207.8	Max WS	TR200_D350	302.82	106.06	111.39		111.91	0.003164	3.17	95.49	30.41	0.57
GR	207.8	Max WS	TR200_D400	304.72	106.06	111.41		111.93	0.003245	3.17	96.11	31.28	0.58
GR	207.8	Max WS	TR200_D500	303.58	106.06	111.41		111.92	0.003213	3.16	95.98	31.10	0.57
GR	207.8	Max WS	TR200_D550	301.66	106.06	111.39		111.90	0.003138	3.16	95.46	30.36	0.57
GR	207.8	Max WS	TR200_D600	298.95	106.06	111.37		111.88	0.003087	3.16	94.71	29.76	0.57
GR	207.8	Max WS	TR200_D650	295.74	106.06	111.34		111.84	0.003112	3.15	93.76	29.70	0.57
GR	207.8	Max WS	TR200_D700	292.08	106.06	111.30		111.81	0.003118	3.15	92.71	29.45	0.57
GR	207	Max WS	TR200_D450	320.09	105.30	111.13		111.70	0.004608	3.35	95.53	38.37	0.68
GR	207	Max WS	TR200_D350	317.60	105.30	111.11		111.68	0.004547	3.36	94.65	37.51	0.67
GR	207	Max WS	TR200_D400	320.07	105.30	111.13		111.70	0.004609	3.36	95.37	38.21	0.68
GR	207	Max WS	TR200_D500	318.47	105.30	111.13		111.70	0.004565	3.34	95.29	38.13	0.68
GR	207	Max WS	TR200_D550	315.78	105.30	111.11		111.68	0.004495	3.33	94.73	37.59	0.67
GR	207	Max WS	TR200_D600	312.31	105.30	111.09		111.65	0.004437	3.33	93.92	37.01	0.67
GR	207	Max WS	TR200_D650	307.92	105.30	111.06		111.62	0.004408	3.31	92.92	36.62	0.66
GR	207	Max WS	TR200_D700	303.23	105.30	111.03		111.59	0.004382	3.30	91.79	36.17	0.66
GR	206	Max WS	TR200_D450	330.06	105.18	110.88		111.39	0.003294	3.15	104.80	33.96	0.57
GR	206	Max WS	TR200_D350	327.76	105.18	110.86		111.37	0.003332	3.15	103.96	33.96	0.58
GR	206	Max WS	TR200_D400	330.25	105.18	110.88		111.39	0.003316	3.16	104.62	33.96	0.57
GR	206	Max WS	TR200_D500	328.21	105.18	110.88		111.38	0.003275	3.14	104.62	33.96	0.57
GR	206	Max WS	TR200_D550	325.08	105.18	110.86		111.36	0.003259	3.12	104.14	33.96	0.57
GR	206	Max WS	TR200_D600	320.91	105.18	110.84		111.33	0.003243	3.10	103.45	33.96	0.57
GR	206	Max WS	TR200_D650	316.45	105.18	110.82		111.30	0.003239	3.09	102.57	33.96	0.57
GR	206	Max WS	TR200_D700	311.44	105.18	110.79		111.27	0.003237	3.07	101.55	33.96	0.57
GR	205	Max WS	TR200_D450	327.86	105.15	110.74		111.24	0.003382	3.15	103.92	34.07	0.58
GR	205	Max WS	TR200_D350	324.03	105.15	110.71		111.21	0.003393	3.14	103.04	34.07	0.58
GR	205	Max WS	TR200_D400	327.16	105.15	110.73		111.24	0.003388	3.15	103.73	34.07	0.58
GR	205	Max WS	TR200_D500	326.68	105.15	110.73		111.24	0.003377	3.15	103.74	34.07	0.58
GR	205	Max WS	TR200_D550	324.12	105.15	110.72		111.22	0.003373	3.14	103.26	34.07	0.58
GR	205	Max WS	TR200_D600	320.51	105.15	110.70		111.19	0.003368	3.12	102.56	34.07	0.58
GR	205	Max WS	TR200_D650	316.16	105.15	110.67		111.16	0.003368	3.11	101.67	34.07	0.57
GR	205	Max WS	TR200_D700	311.15	105.15	110.64		111.13	0.003366	3.09	100.66	34.07	0.57
GR	204	Max WS	TR200_D450	313.73	105.25	110.57		111.07	0.003224	3.15	99.63	32.24	0.57
GR	204	Max WS	TR200_D350	310.34	105.25	110.54		111.04	0.003241	3.14	98.76	32.24	0.57
GR	204	Max WS	TR200_D400	313.17	105.25	110.56		111.07	0.003232	3.15	99.43	32.24	0.57
GR	204	Max WS	TR200_D500	312.55	105.25	110.56		111.06	0.003217	3.14	99.46	32.24	0.57
GR	204	Max WS	TR200_D550	310.10	105.25	110.55		111.05	0.003211	3.13	99.02	32.24	0.57
GR	204	Max WS	TR200_D600	306.64	105.25	110.53		111.02	0.003204	3.12	98.37	32.24	0.57
GR	204	Max WS	TR200_D650	302.60	105.25	110.50		110.99	0.003204	3.10	97.53	32.24	0.57
GR	204	Max WS	TR200_D700	297.94	105.25	110.47		110.96	0.003203	3.08	96.58	32.24	0.57
GR	203	Max WS	TR200_D450	290.89	104.86	110.39		110.86	0.003601	3.04	95.80	35.25	0.59
GR	203	Max WS	TR200_D350	288.01	104.86	110.36		110.83	0.003651	3.04	94.78	35.25	0.59
GR	203	Max WS	TR200_D400	290.46	104.86	110.38		110.85	0.003621	3.04	95.54	35.25	0.59
GR	203	Max WS	TR200_D500	289.61	104.86	110.39		110.85	0.003588	3.03	95.64	35.25	0.59
GR	203	Max WS	TR200_D550	287.27	104.86	110.37		110.84	0.003586	3.02	95.16	35.25	0.59
GR	203	Max WS	TR200_D600	284.32	104.86	110.35		110.81	0.003596	3.01	94.46	35.25	0.59
GR	203	Max WS	TR200_D650	280.78	104.86	110.33		110.79	0.003618	3.00	93.53	35.25	0.59
GR	203	Max WS	TR200_D700	276.67	104.86	110.30		110.75	0.003641	2.99	92.48	35.25	0.59
GR	202	Max WS	TR200_D450	253.28	104.94	110.18		110.73	0.003548	3.28	77.12	23.99	0.58
GR	202	Max WS	TR200_D350	251.48	104.94	110.15		110.70	0.003599	3.29	76.33	23.90	0.59

HEC-RAS River: Greve Reach: GR 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
GR	202	Max WS	TR200_D400	253.18	104.94	110.17		110.72	0.003572	3.29	76.91	23.97	0.59
GR	202	Max WS	TR200_D500	252.07	104.94	110.18		110.72	0.003522	3.27	77.06	23.98	0.58
GR	202	Max WS	TR200_D550	249.92	104.94	110.16		110.70	0.003500	3.26	76.76	23.95	0.58
GR	202	Max WS	TR200_D600	247.61	104.94	110.14		110.68	0.003496	3.25	76.27	23.90	0.58
GR	202	Max WS	TR200_D650	245.04	104.94	110.11		110.65	0.003508	3.24	75.61	23.83	0.58
GR	202	Max WS	TR200_D700	242.15	104.94	110.08		110.62	0.003523	3.24	74.85	23.74	0.58
GR	201	Max WS	TR200_D450	240.12	105.32	110.06		110.54	0.003252	3.07	78.32	26.36	0.57
GR	201	Max WS	TR200_D350	236.84	105.32	110.03		110.51	0.003276	3.06	77.36	26.26	0.57
GR	201	Max WS	TR200_D400	238.99	105.32	110.05		110.53	0.003256	3.06	78.04	26.33	0.57
GR	201	Max WS	TR200_D500	240.59	105.32	110.06		110.54	0.003267	3.07	78.31	26.36	0.57
GR	201	Max WS	TR200_D550	240.37	105.32	110.05		110.54	0.003294	3.08	78.03	26.33	0.57
GR	201	Max WS	TR200_D600	238.95	105.32	110.03		110.52	0.003315	3.08	77.52	26.28	0.57
GR	201	Max WS	TR200_D650	236.66	105.32	110.00		110.49	0.003343	3.08	76.77	26.20	0.58
GR	201	Max WS	TR200_D700	234.14	105.32	109.97		110.46	0.003375	3.08	75.93	26.11	0.58
GR	200	Max WS	TR200_D450	213.32	104.81	109.92		110.36	0.002959	2.92	73.02	24.13	0.54
GR	200	Max WS	TR200_D350	210.61	104.81	109.89		110.32	0.002993	2.92	72.09	24.06	0.54
GR	200	Max WS	TR200_D400	212.43	104.81	109.91		110.35	0.002965	2.92	72.76	24.11	0.54
GR	200	Max WS	TR200_D500	213.58	104.81	109.92		110.36	0.002970	2.93	72.98	24.12	0.54
GR	200	Max WS	TR200_D550	213.18	104.81	109.91		110.35	0.002995	2.93	72.68	24.10	0.54
GR	200	Max WS	TR200_D600	212.02	104.81	109.89		110.33	0.003026	2.94	72.16	24.07	0.54
GR	200	Max WS	TR200_D650	210.12	104.81	109.86		110.30	0.003062	2.94	71.42	24.01	0.54
GR	200	Max WS	TR200_D700	207.96	104.81	109.82		110.27	0.003103	2.95	70.59	23.96	0.55
GR	199	Max WS	TR200_D450	217.80	104.85	109.77		110.01	0.001655	2.17	100.25	35.18	0.41
GR	199	Max WS	TR200_D350	214.24	104.85	109.73		109.97	0.001673	2.17	98.80	35.09	0.41
GR	199	Max WS	TR200_D400	216.79	104.85	109.76		110.00	0.001660	2.17	99.84	35.15	0.41
GR	199	Max WS	TR200_D500	217.67	104.85	109.77		110.01	0.001658	2.17	100.15	35.17	0.41
GR	199	Max WS	TR200_D550	216.53	104.85	109.76		110.00	0.001665	2.17	99.65	35.14	0.41
GR	199	Max WS	TR200_D600	214.55	104.85	109.73		109.97	0.001676	2.17	98.82	35.09	0.41
GR	199	Max WS	TR200_D650	211.68	104.85	109.70		109.94	0.001692	2.17	97.64	35.02	0.41
GR	199	Max WS	TR200_D700	208.51	104.85	109.66		109.90	0.001711	2.16	96.32	34.93	0.42
GR	198	Max WS	TR200_D450	264.01	105.22	109.63		109.88	0.001354	2.19	120.74	35.89	0.38
GR	198	Max WS	TR200_D350	259.10	105.22	109.59		109.83	0.001353	2.17	119.34	35.89	0.38
GR	198	Max WS	TR200_D400	262.64	105.22	109.62		109.86	0.001354	2.18	120.35	35.89	0.38
GR	198	Max WS	TR200_D500	263.74	105.22	109.63		109.87	0.001354	2.19	120.66	35.89	0.38
GR	198	Max WS	TR200_D550	262.05	105.22	109.62		109.86	0.001354	2.18	120.17	35.89	0.38
GR	198	Max WS	TR200_D600	259.24	105.22	109.59		109.83	0.001353	2.17	119.37	35.89	0.38
GR	198	Max WS	TR200_D650	255.21	105.22	109.56		109.80	0.001352	2.16	118.21	35.89	0.38
GR	198	Max WS	TR200_D700	250.74	105.22	109.52		109.76	0.001351	2.15	116.89	35.89	0.38
GR	197	Max WS	TR200_D450	271.96	106.02	109.62	108.13	109.86	0.001550	2.19	124.06	41.69	0.41
GR	197	Max WS	TR200_D350	266.85	106.02	109.58	108.11	109.82	0.001557	2.18	122.42	41.69	0.41
GR	197	Max WS	TR200_D400	270.53	106.02	109.61	108.12	109.85	0.001552	2.19	123.60	41.69	0.41
GR	197	Max WS	TR200_D500	271.66	106.02	109.62	108.13	109.86	0.001551	2.19	123.97	41.69	0.41
GR	197	Max WS	TR200_D550	269.90	106.02	109.60	108.12	109.85	0.001553	2.19	123.40	41.69	0.41
GR	197	Max WS	TR200_D600	266.97	106.02	109.58	108.11	109.82	0.001557	2.18	122.46	41.69	0.41
GR	197	Max WS	TR200_D650	262.76	106.02	109.55	108.09	109.79	0.001562	2.17	121.10	41.69	0.41
GR	197	Max WS	TR200_D700	258.05	106.02	109.51	108.07	109.75	0.001568	2.16	119.57	41.69	0.41
GR	196.5			Inl Struct									
GR	196	Max WS	TR200_D450	271.95	101.58	108.48		108.58	0.000371	1.39	196.12	43.26	0.21
GR	196	Max WS	TR200_D350	266.85	101.58	108.43		108.53	0.000369	1.37	194.09	43.26	0.21
GR	196	Max WS	TR200_D400	270.53	101.58	108.47		108.56	0.000370	1.38	195.56	43.26	0.21
GR	196	Max WS	TR200_D500	271.66	101.58	108.48		108.57	0.000371	1.39	196.00	43.26	0.21
GR	196	Max WS	TR200_D550	269.90	101.58	108.46		108.56	0.000370	1.38	195.29	43.26	0.21
GR	196	Max WS	TR200_D600	266.97	101.58	108.43		108.53	0.000369	1.38	194.11	43.26	0.21
GR	196	Max WS	TR200_D650	262.50	101.58	108.39		108.49	0.000366	1.36	192.43	43.26	0.21
GR	196	Max WS	TR200_D700	257.84	101.58	108.35		108.44	0.000365	1.35	190.50	43.26	0.21
GR	195	Max WS	TR200_D450	363.32	103.07	108.32	106.82	108.60	0.001845	2.35	154.83	55.30	0.45
GR	195	Max WS	TR200_D350	356.06	103.07	108.27	106.77	108.55	0.001863	2.34	152.34	55.18	0.45
GR	195	Max WS	TR200_D400	361.30	103.07	108.30	106.80	108.58	0.001850	2.34	154.14	55.27	0.45
GR	195	Max WS	TR200_D500	362.88	103.07	108.31	106.82	108.59	0.001846	2.35	154.68	55.29	0.45
GR	195	Max WS	TR200_D550	360.34	103.07	108.30	106.80	108.58	0.001853	2.34	153.80	55.25	0.45
GR	195	Max WS	TR200_D600	356.16	103.07	108.27	106.77	108.55	0.001863	2.34	152.37	55.18	0.45
GR	195	Max WS	TR200_D650	350.16	103.07	108.23	106.75	108.51	0.001878	2.33	150.30	55.09	0.45
GR	195	Max WS	TR200_D700	343.44	103.07	108.19	106.54	108.47	0.001897	2.32	147.96	54.97	0.45
GR	194.5			Inl Struct									
GR	194	Max WS	TR200_D450	363.32	101.80	106.93		107.63	0.004782	3.70	98.07	34.49	0.70
GR	194	Max WS	TR200_D350	356.05	101.80	106.88		107.57	0.004584	3.70	96.34	32.79	0.69
GR	194	Max WS	TR200_D400	361.29	101.80	106.91		107.61	0.004728	3.70	97.55	33.99	0.70
GR	194	Max WS	TR200_D500	362.87	101.80	106.93		107.63	0.004770	3.70	97.95	34.37	0.70
GR	194	Max WS	TR200_D550	360.33	101.80	106.91		107.61	0.004703	3.70	97.35	33.80	0.70
GR	194	Max WS	TR200_D600	356.15	101.80	106.88		107.58	0.004587	3.70	96.36	32.81	0.69
GR	194	Max WS	TR200_D650	350.15	101.80	106.84		107.53	0.004412	3.69	95.02	31.43	0.68
GR	194	Max WS	TR200_D700	343.43	101.80	106.79		107.48	0.004291	3.67	93.64	30.46	0.67
GR	193	Max WS	TR200_D450	378.35	101.11	106.70		107.47	0.005069	3.90	97.08	33.67	0.73
GR	193	Max WS	TR200_D350	370.43	101.11	106.65		107.42	0.005033	3.88	95.56	33.24	0.73
GR	193	Max WS	TR200_D400	376.11	101.11	106.68		107.45	0.005061	3.89	96.63	33.55	0.73
GR	193	Max WS	TR200_D500	377.84	101.11	106.69		107.47	0.005067	3.90	96.98	33.64	0.73
GR	193	Max WS	TR200_D550	375.09	101.11	106.68		107.45	0.005054	3.89	96.45	33.50	0.73
GR	193	Max WS	TR200_D600	370.55	101.11	106.65		107.42	0.005034	3.88	95.58	33.25	0.73
GR	193	Max WS	TR200_D650	364.03	101.11	106.61		107.37	0.005000	3.86	94.35	32.90	0.73
GR	193	Max WS	TR200_D700	356.76	101.11	106.57		107.32	0.004957	3.84	93.00	32.51	0.72
GR	192	Max WS	TR200_D450	378.79	101.26	106.41		107.02	0.004004	3.47	109.26	38.84	0.66
GR	192	Max WS	TR200_D350	370.91	101.26	106.36		106.97	0.003991	3.45	107.56	38.44	0.66
GR	192	Max WS	TR200_D400	376.57	101.26	106.39		107.01	0.004010	3.46	108.74	38.76	0.66
GR	192	Max WS	TR200_D500	378.27	101.26	106.40		107.02	0.004006	3.47	109.14	38.83	0.66
GR	192	Max WS	TR200_D550	375.57	101.26	106.39		107.00	0.004004	3.46	108.56	38.71	0.66
GR	192	Max WS	TR200_D600	371.16	101.26	106.36		106.97	0.003994	3.45	107.59	38.45	0.66

HEC-RAS River: Greve Reach: GR 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
GR	192	Max WS	TR200_D650	364.62	101.26	106.33		106.93	0.003971	3.43	106.23	38.08	0.66
GR	192	Max WS	TR200_D700	357.40	101.26	106.29		106.88	0.003944	3.41	104.74	37.68	0.65
GR	191	Max WS	TR200_D450	378.74	100.63	106.25		106.82	0.003390	3.34	113.33	37.13	0.61
GR	191	Max WS	TR200_D350	370.88	100.63	106.21		106.77	0.003390	3.32	111.71	36.97	0.61
GR	191	Max WS	TR200_D400	376.56	100.63	106.24		106.81	0.003394	3.34	112.84	37.08	0.61
GR	191	Max WS	TR200_D500	378.21	100.63	106.25		106.82	0.003390	3.34	113.22	37.12	0.61
GR	191	Max WS	TR200_D550	375.53	100.63	106.23		106.80	0.003390	3.33	112.67	37.07	0.61
GR	191	Max WS	TR200_D600	371.17	100.63	106.21		106.77	0.003393	3.32	111.73	36.97	0.61
GR	191	Max WS	TR200_D650	364.61	100.63	106.17		106.73	0.003388	3.30	110.42	36.85	0.61
GR	191	Max WS	TR200_D700	357.39	100.63	106.13		106.68	0.003382	3.28	108.98	36.70	0.61
GR	190	Max WS	TR200_D450	378.47	100.19	106.04		106.72	0.003921	3.65	103.74	32.30	0.65
GR	190	Max WS	TR200_D350	370.56	100.19	106.00		106.67	0.003900	3.62	102.36	32.11	0.65
GR	190	Max WS	TR200_D400	375.89	100.19	106.03		106.70	0.003912	3.64	103.31	32.24	0.65
GR	190	Max WS	TR200_D500	377.69	100.19	106.04		106.71	0.003915	3.64	103.64	32.29	0.65
GR	190	Max WS	TR200_D550	375.15	100.19	106.02		106.70	0.003910	3.64	103.18	32.23	0.65
GR	190	Max WS	TR200_D600	370.75	100.19	106.00		106.67	0.003903	3.62	102.37	32.11	0.65
GR	190	Max WS	TR200_D650	364.27	100.19	105.96		106.62	0.003882	3.60	101.26	31.96	0.65
GR	190	Max WS	TR200_D700	357.09	100.19	105.93		106.57	0.003855	3.57	100.06	31.79	0.64
GR	189	Max WS	TR200_D450	377.32	99.48	105.81		106.28	0.002796	3.05	123.59	38.17	0.54
GR	189	Max WS	TR200_D350	369.80	99.48	105.76		106.23	0.002797	3.03	121.98	38.13	0.54
GR	189	Max WS	TR200_D400	375.22	99.48	105.79		106.27	0.002800	3.05	123.09	38.16	0.54
GR	189	Max WS	TR200_D500	376.79	99.48	105.80		106.28	0.002795	3.05	123.48	38.17	0.54
GR	189	Max WS	TR200_D550	374.28	99.48	105.79		106.26	0.002797	3.04	122.93	38.16	0.54
GR	189	Max WS	TR200_D600	369.80	99.48	105.76		106.23	0.002796	3.03	121.99	38.14	0.54
GR	189	Max WS	TR200_D650	363.44	99.48	105.73		106.19	0.002788	3.01	120.74	38.11	0.54
GR	189	Max WS	TR200_D700	356.21	99.48	105.69		106.15	0.002775	2.98	119.37	38.07	0.54
GR	188	Max WS	TR200_D450	347.68	99.77	105.62		106.42	0.003765	3.96	87.82	20.52	0.61
GR	188	Max WS	TR200_D350	341.42	99.77	105.58		106.37	0.003731	3.92	86.99	20.52	0.61
GR	188	Max WS	TR200_D400	345.46	99.77	105.61		106.40	0.003748	3.95	87.57	20.52	0.61
GR	188	Max WS	TR200_D500	347.13	99.77	105.62		106.42	0.003759	3.96	87.77	20.52	0.61
GR	188	Max WS	TR200_D550	345.27	99.77	105.60		106.40	0.003755	3.95	87.48	20.52	0.61
GR	188	Max WS	TR200_D600	341.50	99.77	105.58		106.37	0.003733	3.93	86.99	20.52	0.61
GR	188	Max WS	TR200_D650	336.23	99.77	105.55		106.32	0.003696	3.89	86.35	20.52	0.61
GR	188	Max WS	TR200_D700	330.23	99.77	105.52		106.27	0.003650	3.86	85.66	20.52	0.60
GR	187	Max WS	TR200_D450	285.25	99.08	105.37		105.83	0.002189	3.01	94.80	21.50	0.46
GR	187	Max WS	TR200_D350	280.94	99.08	105.34		105.79	0.002176	2.99	94.00	21.50	0.46
GR	187	Max WS	TR200_D400	283.38	99.08	105.36		105.82	0.002177	3.00	94.56	21.50	0.46
GR	187	Max WS	TR200_D500	284.52	99.08	105.37		105.83	0.002181	3.00	94.75	21.50	0.46
GR	187	Max WS	TR200_D550	283.93	99.08	105.36		105.82	0.002191	3.01	94.47	21.50	0.46
GR	187	Max WS	TR200_D600	281.27	99.08	105.34		105.79	0.002181	2.99	94.01	21.50	0.46
GR	187	Max WS	TR200_D650	277.71	99.08	105.31		105.76	0.002166	2.97	93.41	21.50	0.46
GR	187	Max WS	TR200_D700	273.71	99.08	105.28		105.72	0.002147	2.95	92.77	21.50	0.45
GR	186	Max WS	TR200_D450	325.75	98.48	104.09		104.86	0.004899	3.88	84.01	25.52	0.68
GR	186	Max WS	TR200_D350	320.02	98.48	104.04		104.80	0.004935	3.86	82.85	25.52	0.68
GR	186	Max WS	TR200_D400	324.70	98.48	104.08		104.85	0.004901	3.87	83.83	25.52	0.68
GR	186	Max WS	TR200_D500	326.01	98.48	104.09		104.86	0.004920	3.88	83.94	25.52	0.68
GR	186	Max WS	TR200_D550	323.70	98.48	104.08		104.84	0.004875	3.86	83.80	25.52	0.68
GR	186	Max WS	TR200_D600	320.33	98.48	104.06		104.82	0.004853	3.84	83.35	25.52	0.68
GR	186	Max WS	TR200_D650	317.56	98.48	104.01		104.78	0.005003	3.87	82.06	25.52	0.69
GR	186	Max WS	TR200_D700	314.52	98.48	103.95		104.73	0.005206	3.91	80.49	25.52	0.70
GR	185	Max WS	TR200_D450	334.00	96.25	103.30		103.80	0.002217	3.14	106.36	22.59	0.46
GR	185	Max WS	TR200_D350	327.28	96.25	103.26		103.75	0.002182	3.10	105.46	22.59	0.46
GR	185	Max WS	TR200_D400	331.87	96.25	103.30		103.80	0.002185	3.12	106.42	22.59	0.46
GR	185	Max WS	TR200_D500	329.89	96.25	103.30		103.79	0.002161	3.10	106.40	22.59	0.46
GR	185	Max WS	TR200_D550	329.89	96.25	103.30		103.79	0.002158	3.10	106.44	22.59	0.46
GR	185	Max WS	TR200_D600	327.65	96.25	103.29		103.77	0.002143	3.08	106.21	22.59	0.45
GR	185	Max WS	TR200_D650	325.80	96.25	103.22		103.71	0.002219	3.12	104.54	22.59	0.46
GR	185	Max WS	TR200_D700	322.37	96.25	103.12		103.63	0.002304	3.15	102.45	22.59	0.47
GR	184	Max WS	TR200_D450	375.46	95.61	102.94		103.27	0.001245	2.52	148.95	30.39	0.36
GR	184	Max WS	TR200_D350	371.61	95.61	102.90		103.22	0.001255	2.52	147.51	30.39	0.37
GR	184	Max WS	TR200_D400	390.47	95.61	102.94		103.29	0.001347	2.62	148.93	30.39	0.38
GR	184	Max WS	TR200_D500	375.53	95.61	102.94		103.27	0.001245	2.52	148.96	30.39	0.36
GR	184	Max WS	TR200_D550	389.26	95.61	102.95		103.29	0.001337	2.61	148.98	30.39	0.38
GR	184	Max WS	TR200_D600	373.75	95.61	102.93		103.26	0.001241	2.51	148.66	30.39	0.36
GR	184	Max WS	TR200_D650	367.47	95.61	102.86		103.18	0.001259	2.51	146.28	30.39	0.37
GR	184	Max WS	TR200_D700	360.42	95.61	102.76		103.08	0.001290	2.52	143.21	30.39	0.37
GR	183.91*	Max WS	TR200_D450	377.13	95.56	102.93		103.24	0.001084	2.48	152.16	28.68	0.34
GR	183.91*	Max WS	TR200_D350	372.27	95.56	102.88		103.19	0.001085	2.47	150.80	28.68	0.34
GR	183.91*	Max WS	TR200_D400	375.85	95.56	102.93		103.24	0.001078	2.47	152.13	28.68	0.34
GR	183.91*	Max WS	TR200_D500	375.15	95.56	102.93		103.24	0.001073	2.47	152.16	28.68	0.34
GR	183.91*	Max WS	TR200_D550	375.41	95.56	102.93		103.24	0.001076	2.47	152.10	28.68	0.34
GR	183.91*	Max WS	TR200_D600	375.18	95.56	102.92		103.23	0.001080	2.47	151.85	28.68	0.34
GR	183.91*	Max WS	TR200_D650	368.83	95.56	102.84		103.15	0.001090	2.47	149.61	28.68	0.34
GR	183.91*	Max WS	TR200_D700	361.48	95.56	102.74		103.05	0.001109	2.46	146.70	28.68	0.35
GR	183.82*	Max WS	TR200_D450	376.87	95.51	102.92		103.21	0.000953	2.39	157.73	28.16	0.32
GR	183.82*	Max WS	TR200_D350	371.68	95.51	102.88		103.16	0.000950	2.38	156.38	28.16	0.32
GR	183.82*	Max WS	TR200_D400	375.43	95.51	102.92		103.21	0.000946	2.38	157.69	28.16	0.32
GR	183.82*	Max WS	TR200_D500	377.22	95.51	102.92		103.21	0.000955	2.39	157.72	28.16	0.32
GR	183.82*	Max WS	TR200_D550	375.12	95.51	102.92		103.21	0.000945	2.38	157.67	28.16	0.32
GR	183.82*	Max WS	TR200_D600	374.14	95.51	102.91		103.20	0.000945	2.38	157.40	28.16	0.32
GR	183.82*	Max WS	TR200_D650	368.14	95.51	102.83		103.12	0.000953	2.37	155.19	28.16	0.32
GR	183.82*	Max WS	TR200_D700	360.99	95.51	102.73		103.02	0.000967	2.37	152.35	28.16	0.33
GR	183.73*	Max WS	TR200_D450	377.02	95.46	102.93		103.18	0.000803	2.20	171.70	31.76	0.30
GR	183.73*	Max WS	TR200_D350	368.53	95.46	102.88		103.12	0.000788	2.17	170.19	31.76	0.30
GR	183.73*	Max WS	TR200_D400	375.44	95.46	102.93		103.17	0.000797	2.19	171.65	31.76	0.30
GR	183.73*	Max WS	TR200_D500	377.39	95.46	102.93		103.18	0.000805	2.20	171.69	31.76	0.30
GR	183.73*	Max WS	TR200_D550	375.22	95.46	102.93		103.17	0.000797	2.19	171.63	31.76	0.30

HEC-RAS River: Greve Reach: GR 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
GR	183.73*	Max WS	TR200_D600	374.36	95.46	102.92		103.16	0.000797	2.18	171.36	31.76	0.30
GR	183.73*	Max WS	TR200_D650	364.91	95.46	102.84		103.08	0.000791	2.16	168.84	31.76	0.30
GR	183.73*	Max WS	TR200_D700	360.95	95.46	102.74		102.98	0.000819	2.18	165.63	31.76	0.30
GR	183.64*	Max WS	TR200_D450	376.28	95.41	102.93		103.15	0.000695	2.06	182.94	33.72	0.28
GR	183.64*	Max WS	TR200_D350	369.44	95.41	102.89		103.10	0.000686	2.04	181.48	33.72	0.28
GR	183.64*	Max WS	TR200_D400	373.28	95.41	102.94		103.15	0.000683	2.04	182.95	33.72	0.28
GR	183.64*	Max WS	TR200_D500	375.66	95.41	102.93		103.15	0.000692	2.05	182.92	33.72	0.28
GR	183.64*	Max WS	TR200_D550	373.09	95.41	102.94		103.15	0.000683	2.04	182.96	33.72	0.28
GR	183.64*	Max WS	TR200_D600	372.25	95.41	102.93		103.14	0.000682	2.04	182.70	33.72	0.28
GR	183.64*	Max WS	TR200_D650	365.87	95.41	102.85		103.06	0.000689	2.03	180.04	33.72	0.28
GR	183.64*	Max WS	TR200_D700	358.65	95.41	102.75		102.96	0.000701	2.03	176.60	33.72	0.28
GR	183.56*	Max WS	TR200_D450	373.58	95.36	102.94		103.13	0.000598	1.92	194.25	35.12	0.26
GR	183.56*	Max WS	TR200_D350	368.84	95.36	102.90		103.09	0.000596	1.91	192.81	35.12	0.26
GR	183.56*	Max WS	TR200_D400	373.27	95.36	102.94		103.13	0.000597	1.92	194.27	35.12	0.26
GR	183.56*	Max WS	TR200_D500	374.13	95.36	102.94		103.13	0.000600	1.93	194.30	35.12	0.26
GR	183.56*	Max WS	TR200_D550	373.12	95.36	102.94		103.13	0.000597	1.92	194.28	35.12	0.26
GR	183.56*	Max WS	TR200_D600	371.68	95.36	102.94		103.12	0.000594	1.92	194.08	35.12	0.26
GR	183.56*	Max WS	TR200_D650	365.32	95.36	102.86		103.04	0.000599	1.91	191.31	35.12	0.26
GR	183.56*	Max WS	TR200_D700	358.07	95.36	102.76		102.94	0.000609	1.91	187.74	35.12	0.26
GR	183.47*	Max WS	TR200_D450	373.24	95.31	102.95		103.12	0.000534	1.83	203.93	36.54	0.25
GR	183.47*	Max WS	TR200_D350	368.72	95.31	102.91		103.08	0.000533	1.82	202.47	36.54	0.25
GR	183.47*	Max WS	TR200_D400	370.90	95.31	102.95		103.12	0.000528	1.82	203.94	36.54	0.25
GR	183.47*	Max WS	TR200_D500	374.31	95.31	102.95		103.12	0.000537	1.83	204.00	36.54	0.25
GR	183.47*	Max WS	TR200_D550	371.04	95.31	102.95		103.12	0.000528	1.82	203.94	36.54	0.25
GR	183.47*	Max WS	TR200_D600	371.57	95.31	102.94		103.11	0.000531	1.82	203.79	36.54	0.25
GR	183.47*	Max WS	TR200_D650	365.29	95.31	102.87		103.03	0.000535	1.82	200.90	36.54	0.25
GR	183.47*	Max WS	TR200_D700	358.03	95.31	102.76		102.93	0.000544	1.82	197.17	36.54	0.25
GR	183.38*	Max WS	TR200_D450	373.26	95.27	102.95		103.11	0.000491	1.76	212.09	37.95	0.24
GR	183.38*	Max WS	TR200_D350	369.15	95.27	102.91		103.07	0.000491	1.75	210.58	37.95	0.24
GR	183.38*	Max WS	TR200_D400	371.06	95.27	102.95		103.11	0.000485	1.75	212.07	37.95	0.24
GR	183.38*	Max WS	TR200_D500	374.37	95.27	102.95		103.11	0.000494	1.76	212.14	37.95	0.24
GR	183.38*	Max WS	TR200_D550	373.80	95.27	102.95		103.11	0.000493	1.76	212.10	37.95	0.24
GR	183.38*	Max WS	TR200_D600	371.88	95.27	102.95		103.10	0.000488	1.75	211.96	37.95	0.24
GR	183.38*	Max WS	TR200_D650	365.92	95.27	102.87		103.02	0.000494	1.75	208.95	37.95	0.24
GR	183.38*	Max WS	TR200_D700	358.89	95.27	102.77		102.92	0.000503	1.75	205.07	37.95	0.24
GR	183.29*	Max WS	TR200_D450	374.89	95.22	102.95		103.09	0.000461	1.71	219.27	39.36	0.23
GR	183.29*	Max WS	TR200_D350	371.26	95.22	102.91		103.05	0.000462	1.71	217.72	39.36	0.23
GR	183.29*	Max WS	TR200_D400	373.24	95.22	102.94		103.09	0.000457	1.70	219.23	39.36	0.23
GR	183.29*	Max WS	TR200_D500	376.02	95.22	102.95		103.10	0.000464	1.71	219.31	39.36	0.23
GR	183.29*	Max WS	TR200_D550	375.52	95.22	102.95		103.10	0.000463	1.71	219.29	39.36	0.23
GR	183.29*	Max WS	TR200_D600	373.75	95.22	102.94		103.09	0.000459	1.71	219.15	39.36	0.23
GR	183.29*	Max WS	TR200_D650	368.34	95.22	102.86		103.01	0.000466	1.71	216.01	39.36	0.23
GR	183.29*	Max WS	TR200_D700	361.66	95.22	102.76		102.91	0.000476	1.71	211.97	39.36	0.23
GR	183.2	Max WS	TR200_D450	373.27	95.17	102.93		103.09	0.000470	1.72	216.91	40.78	0.24
GR	183.2	Max WS	TR200_D350	369.77	95.17	102.89		103.05	0.000472	1.72	215.29	40.78	0.24
GR	183.2	Max WS	TR200_D400	373.13	95.17	102.93		103.08	0.000470	1.72	216.88	40.78	0.24
GR	183.2	Max WS	TR200_D500	374.03	95.17	102.94		103.09	0.000472	1.72	216.94	40.78	0.24
GR	183.2	Max WS	TR200_D550	374.02	95.17	102.93		103.09	0.000472	1.72	216.92	40.78	0.24
GR	183.2	Max WS	TR200_D600	372.01	95.17	102.93		103.08	0.000468	1.72	216.81	40.78	0.24
GR	183.2	Max WS	TR200_D650	367.05	95.17	102.85		103.00	0.000477	1.72	213.50	40.78	0.24
GR	183.2	Max WS	TR200_D700	360.69	95.17	102.75		102.90	0.000490	1.72	209.29	40.78	0.24
GR	183	Max WS	TR200_D450	388.19	95.17	102.76	99.53	103.37	0.001890	3.47	111.72	40.78	0.47
GR	183	Max WS	TR200_D350	369.15	95.17	102.55	99.40	103.14	0.001242	3.42	108.09	40.63	0.41
GR	183	Max WS	TR200_D400	388.60	95.17	102.76	99.53	103.37	0.001898	3.48	111.64	40.78	0.47
GR	183	Max WS	TR200_D500	387.60	95.17	102.76	99.52	103.37	0.001885	3.47	111.72	40.78	0.47
GR	183	Max WS	TR200_D550	388.42	95.17	102.76	99.53	103.37	0.001896	3.48	111.66	40.78	0.47
GR	183	Max WS	TR200_D600	371.41	95.17	102.58	99.42	103.18	0.001237	3.42	108.64	40.68	0.41
GR	183	Max WS	TR200_D650	366.41	95.17	102.51	99.38	103.10	0.001248	3.41	107.45	40.52	0.41
GR	183	Max WS	TR200_D700	360.01	95.17	102.41	99.34	103.00	0.001264	3.40	105.93	40.25	0.41
GR	182		Bridge										
GR	181	Max WS	TR200_D450	385.40	95.21	101.47		102.36	0.002099	4.19	91.99	54.58	0.55
GR	181	Max WS	TR200_D350	368.92	95.21	101.34		102.20	0.002067	4.10	90.02	53.96	0.54
GR	181	Max WS	TR200_D400	387.70	95.21	101.46		102.37	0.002141	4.22	91.77	54.51	0.55
GR	181	Max WS	TR200_D500	385.21	95.21	101.47		102.36	0.002097	4.19	91.98	54.58	0.55
GR	181	Max WS	TR200_D550	387.67	95.21	101.46		102.37	0.002138	4.22	91.80	54.52	0.55
GR	181	Max WS	TR200_D600	371.18	95.21	101.37		102.23	0.002061	4.10	90.44	54.09	0.54
GR	181	Max WS	TR200_D650	366.28	95.21	101.31		102.17	0.002070	4.09	89.59	53.82	0.54
GR	181	Max WS	TR200_D700	359.91	95.21	101.26		102.10	0.002065	4.06	88.72	53.54	0.54
GR	180.9		Lat Struct										
GR	180.85		Lat Struct										
GR	180.8	Max WS	TR200_D450	383.14	95.21	101.36		101.60	0.001212	2.14	179.40	54.05	0.37
GR	180.8	Max WS	TR200_D350	368.89	95.21	101.25		101.48	0.001239	2.13	173.46	53.51	0.38
GR	180.8	Max WS	TR200_D400	384.35	95.21	101.34		101.58	0.001241	2.16	178.31	53.95	0.38
GR	180.8	Max WS	TR200_D500	383.06	95.21	101.36		101.60	0.001209	2.13	179.49	54.06	0.37
GR	180.8	Max WS	TR200_D550	384.35	95.21	101.35		101.58	0.001238	2.15	178.49	53.97	0.38
GR	180.8	Max WS	TR200_D600	371.15	95.21	101.28		101.51	0.001224	2.12	174.92	53.64	0.38
GR	180.8	Max WS	TR200_D650	363.97	95.21	101.23		101.45	0.001236	2.12	172.03	53.38	0.38
GR	180.8	Max WS	TR200_D700	357.86	95.21	101.17		101.40	0.001252	2.11	169.30	53.13	0.38
GR	180	Max WS	TR200_D450	376.89	94.46	101.31		101.55	0.001254	2.14	176.51	53.07	0.37
GR	180	Max WS	TR200_D350	361.45	94.46	101.21		101.44	0.001278	2.12	170.84	52.93	0.38
GR	180	Max WS	TR200_D400	377.92	94.46	101.29		101.53	0.001287	2.16	175.34	53.05	0.38
GR	180	Max WS	TR200_D500	376.84	94.46	101.32		101.55	0.001251	2.13	176.64	53.08	0.37
GR	180	Max WS	TR200_D550	377.77	94.46	101.29		101.53	0.001283	2.15	175.49	53.05	0.38
GR	180	Max WS	TR200_D600	363.72	94.46	101.23		101.46	0.001260	2.11	172.29	52.97	0.37
GR	180	Max WS	TR200_D650	358.84	94.46	101.18		101.41	0.001293	2.12	169.39	52.90	0.38

HEC-RAS River: Greve Reach: GR 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
GR	180	Max WS	TR200_D700	352.48	94.46	101.13		101.36	0.001314	2.12	166.63	52.83	0.38
GR	179	Max WS	TR200_D450	373.25	94.13	101.25		101.48	0.001338	2.12	176.32	55.36	0.38
GR	179	Max WS	TR200_D350	359.96	94.13	101.14		101.37	0.001395	2.12	170.14	55.36	0.39
GR	179	Max WS	TR200_D400	373.65	94.13	101.23		101.46	0.001371	2.13	175.12	55.36	0.38
GR	179	Max WS	TR200_D500	372.48	94.13	101.26		101.49	0.001327	2.11	176.57	55.36	0.38
GR	179	Max WS	TR200_D550	373.82	94.13	101.23		101.47	0.001369	2.13	175.22	55.36	0.38
GR	179	Max WS	TR200_D600	362.21	94.13	101.17		101.40	0.001371	2.11	171.73	55.36	0.38
GR	179	Max WS	TR200_D650	357.42	94.13	101.11		101.34	0.001418	2.12	168.54	55.36	0.39
GR	179	Max WS	TR200_D700	351.51	94.13	101.06		101.29	0.001452	2.12	165.54	55.36	0.39
GR	178	Max WS	TR200_D450	337.84	94.22	101.24		101.42	0.000879	1.92	175.76	43.61	0.31
GR	178	Max WS	TR200_D350	326.58	94.22	101.12		101.31	0.000900	1.91	170.67	43.61	0.31
GR	178	Max WS	TR200_D400	338.35	94.22	101.21		101.40	0.000899	1.94	174.69	43.61	0.31
GR	178	Max WS	TR200_D500	337.29	94.22	101.24		101.43	0.000873	1.92	175.96	43.61	0.30
GR	178	Max WS	TR200_D550	338.40	94.22	101.21		101.40	0.000897	1.94	174.77	43.61	0.31
GR	178	Max WS	TR200_D600	328.53	94.22	101.15		101.34	0.000890	1.91	171.98	43.61	0.31
GR	178	Max WS	TR200_D650	324.40	94.22	101.09		101.28	0.000910	1.92	169.37	43.61	0.31
GR	178	Max WS	TR200_D700	319.35	94.22	101.03		101.22	0.000923	1.91	166.92	43.61	0.31
GR	177	Max WS	TR200_D450	311.43	93.69	101.17		101.41	0.001077	2.17	143.64	31.89	0.33
GR	177	Max WS	TR200_D350	301.88	93.69	101.05		101.29	0.001098	2.16	139.84	31.89	0.33
GR	177	Max WS	TR200_D400	311.75	93.69	101.14		101.39	0.001100	2.18	142.72	31.89	0.33
GR	177	Max WS	TR200_D500	310.86	93.69	101.18		101.41	0.001070	2.16	143.78	31.89	0.33
GR	177	Max WS	TR200_D550	311.19	93.69	101.15		101.39	0.001092	2.18	142.91	31.89	0.33
GR	177	Max WS	TR200_D600	303.66	93.69	101.08		101.32	0.001087	2.16	140.81	31.89	0.33
GR	177	Max WS	TR200_D650	299.96	93.69	101.02		101.26	0.001107	2.16	138.88	31.89	0.33
GR	177	Max WS	TR200_D700	295.42	93.69	100.97		101.20	0.001117	2.16	137.08	31.89	0.33
GR	176	Max WS	TR200_D450	348.21	93.60	100.99		101.33	0.001292	2.60	134.14	26.62	0.37
GR	176	Max WS	TR200_D350	337.47	93.60	100.87		101.21	0.001299	2.58	131.01	26.62	0.37
GR	176	Max WS	TR200_D400	346.66	93.60	100.96		101.30	0.001300	2.60	133.44	26.62	0.37
GR	176	Max WS	TR200_D500	348.27	93.60	100.99		101.33	0.001291	2.59	134.21	26.62	0.37
GR	176	Max WS	TR200_D550	346.54	93.60	100.97		101.31	0.001295	2.59	133.58	26.62	0.37
GR	176	Max WS	TR200_D600	339.86	93.60	100.90		101.24	0.001295	2.58	131.78	26.62	0.37
GR	176	Max WS	TR200_D650	335.04	93.60	100.84		101.18	0.001302	2.57	130.23	26.62	0.37
GR	176	Max WS	TR200_D700	329.37	93.60	100.79		101.12	0.001299	2.56	128.81	26.62	0.37
GR	175.2	Max WS	TR200_D450	380.56	93.20	100.86		101.22	0.001787	2.66	143.21	34.35	0.42
GR	175.2	Max WS	TR200_D350	367.99	93.20	100.74		101.09	0.001805	2.64	139.17	33.82	0.42
GR	175.2	Max WS	TR200_D400	377.78	93.20	100.83		101.19	0.001788	2.65	142.40	34.24	0.42
GR	175.2	Max WS	TR200_D500	380.81	93.20	100.86		101.22	0.001787	2.66	143.28	34.36	0.42
GR	175.2	Max WS	TR200_D550	378.26	93.20	100.84		101.19	0.001789	2.65	142.51	34.26	0.42
GR	175.2	Max WS	TR200_D600	370.97	93.20	100.77		101.12	0.001800	2.65	140.16	33.95	0.42
GR	175.2	Max WS	TR200_D650	365.02	93.20	100.71		101.06	0.001811	2.64	138.18	33.69	0.42
GR	175.2	Max WS	TR200_D700	358.29	93.20	100.66		101.01	0.001806	2.63	136.42	33.46	0.42
GR	175	Max WS	TR200_D450	380.55	93.20	100.84	98.23	101.21	0.001871	2.72	139.89	34.26	0.42
GR	175	Max WS	TR200_D350	367.99	93.20	100.72	98.16	101.09	0.001887	2.71	135.99	33.74	0.42
GR	175	Max WS	TR200_D400	377.76	93.20	100.81	98.22	101.19	0.001871	2.72	139.11	34.16	0.42
GR	175	Max WS	TR200_D500	380.80	93.20	100.84	98.23	101.22	0.001871	2.72	139.95	34.27	0.42
GR	175	Max WS	TR200_D550	378.25	93.20	100.82	98.22	101.19	0.001872	2.72	139.22	34.17	0.42
GR	175	Max WS	TR200_D600	370.96	93.20	100.75	98.18	101.12	0.001882	2.71	136.94	33.87	0.42
GR	175	Max WS	TR200_D650	365.02	93.20	100.69	98.13	101.06	0.001893	2.70	135.03	33.61	0.42
GR	175	Max WS	TR200_D700	358.29	93.20	100.64	98.08	101.01	0.001886	2.69	133.32	33.37	0.42
GR	174			Bridge									
GR	173	Max WS	TR200_D450	380.47	93.08	99.25		100.38	0.008217	4.71	80.79	25.56	0.83
GR	173	Max WS	TR200_D350	367.97	93.08	99.17		100.28	0.008221	4.67	78.87	25.33	0.83
GR	173	Max WS	TR200_D400	377.58	93.08	99.23		100.36	0.008237	4.70	80.29	25.50	0.83
GR	173	Max WS	TR200_D500	380.75	93.08	99.25		100.38	0.008212	4.71	80.85	25.56	0.83
GR	173	Max WS	TR200_D550	378.16	93.08	99.23		100.36	0.008226	4.70	80.41	25.51	0.83
GR	173	Max WS	TR200_D600	370.96	93.08	99.19		100.31	0.008205	4.67	79.39	25.39	0.83
GR	173	Max WS	TR200_D650	365.02	93.08	99.15		100.26	0.008212	4.65	78.45	25.28	0.83
GR	173	Max WS	TR200_D700	358.29	93.08	99.11		100.20	0.008224	4.63	77.37	25.15	0.83
GR	172.85			Lat Struct									
GR	172.83			Lat Struct									
GR	172.8	Max WS	TR200_D450	380.47	93.08	99.22		100.34	0.008327	4.68	81.37	25.47	0.84
GR	172.8	Max WS	TR200_D350	367.99	93.08	99.14		100.24	0.008351	4.64	79.39	25.25	0.83
GR	172.8	Max WS	TR200_D400	377.58	93.08	99.20		100.31	0.008351	4.67	80.85	25.41	0.84
GR	172.8	Max WS	TR200_D500	380.75	93.08	99.22		100.34	0.008320	4.68	81.44	25.48	0.84
GR	172.8	Max WS	TR200_D550	378.15	93.08	99.21		100.32	0.008338	4.67	80.98	25.43	0.84
GR	172.8	Max WS	TR200_D600	370.96	93.08	99.16		100.26	0.008328	4.64	79.92	25.31	0.83
GR	172.8	Max WS	TR200_D650	365.02	93.08	99.13		100.22	0.008345	4.62	78.96	25.20	0.83
GR	172.8	Max WS	TR200_D700	358.28	93.08	99.08		100.16	0.008371	4.60	77.84	25.07	0.83
GR	172	Max WS	TR200_D450	380.23	92.70	98.68		99.48	0.004338	3.98	95.56	27.45	0.68
GR	172	Max WS	TR200_D350	367.94	92.70	98.60		99.39	0.004324	3.94	93.43	27.20	0.68
GR	172	Max WS	TR200_D400	377.04	92.70	98.65		99.46	0.004340	3.97	94.97	27.38	0.68
GR	172	Max WS	TR200_D500	380.60	92.70	98.68		99.49	0.004337	3.98	95.63	27.46	0.68
GR	172	Max WS	TR200_D550	377.74	92.70	98.66		99.46	0.004336	3.97	95.12	27.40	0.68
GR	172	Max WS	TR200_D600	370.93	92.70	98.62		99.41	0.004318	3.95	94.02	27.27	0.68
GR	172	Max WS	TR200_D650	364.99	92.70	98.58		99.37	0.004312	3.93	92.98	27.14	0.68
GR	172	Max WS	TR200_D700	358.35	92.70	98.54		99.31	0.004310	3.90	91.78	27.00	0.68
GR	171.83*	Max WS	TR200_D450	380.22	92.65	98.63		99.50	0.004931	4.15	91.66	27.65	0.73
GR	171.83*	Max WS	TR200_D350	367.94	92.65	98.55		99.41	0.004928	4.11	89.52	27.37	0.73
GR	171.83*	Max WS	TR200_D400	377.03	92.65	98.60		99.48	0.004936	4.14	91.07	27.57	0.73
GR	171.83*	Max WS	TR200_D500	380.59	92.65	98.63		99.51	0.004929	4.15	91.75	27.66	0.73
GR	171.83*	Max WS	TR200_D550	377.74	92.65	98.61		99.48	0.004931	4.14	91.23	27.59	0.73
GR	171.83*	Max WS	TR200_D600	370.93	92.65	98.57		99.43	0.004916	4.12	90.13	27.45	0.73
GR	171.83*	Max WS	TR200_D650	364.99	92.65	98.53		99.39	0.004917	4.10	89.07	27.31	0.72
GR	171.83*	Max WS	TR200_D700	358.33	92.65	98.49		99.34	0.004921	4.08	87.86	27.16	0.72

HEC-RAS River: Greve Reach: GR 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
GR	171.67*	Max WS	TR200_D450	380.21	92.60	98.57		99.54	0.005805	4.38	86.90	27.42	0.78
GR	171.67*	Max WS	TR200_D350	367.94	92.60	98.49		99.45	0.005796	4.34	84.79	27.03	0.78
GR	171.67*	Max WS	TR200_D400	377.02	92.60	98.55		99.52	0.005811	4.37	86.31	27.31	0.78
GR	171.67*	Max WS	TR200_D500	380.58	92.60	98.57		99.55	0.005804	4.38	86.98	27.43	0.78
GR	171.67*	Max WS	TR200_D550	377.73	92.60	98.55		99.52	0.005805	4.37	86.47	27.34	0.78
GR	171.67*	Max WS	TR200_D600	370.93	92.60	98.51		99.47	0.005783	4.34	85.39	27.14	0.78
GR	171.67*	Max WS	TR200_D650	364.99	92.60	98.47		99.43	0.005781	4.33	84.34	26.95	0.78
GR	171.67*	Max WS	TR200_D700	358.32	92.60	98.43		99.38	0.005781	4.31	83.15	26.73	0.78
GR	171.50*	Max WS	TR200_D450	380.20	92.55	98.50		99.61	0.007014	4.67	81.39	26.59	0.85
GR	171.50*	Max WS	TR200_D350	367.94	92.55	98.42		99.51	0.007008	4.64	79.34	26.17	0.85
GR	171.50*	Max WS	TR200_D400	377.01	92.55	98.47		99.58	0.007022	4.66	80.82	26.47	0.85
GR	171.50*	Max WS	TR200_D500	380.52	92.55	98.50		99.61	0.007008	4.67	81.48	26.61	0.85
GR	171.50*	Max WS	TR200_D550	377.73	92.55	98.48		99.59	0.007015	4.66	80.97	26.51	0.85
GR	171.50*	Max WS	TR200_D600	370.93	92.55	98.44		99.54	0.006990	4.64	79.94	26.29	0.85
GR	171.50*	Max WS	TR200_D650	364.99	92.55	98.40		99.49	0.006990	4.62	78.92	26.08	0.85
GR	171.50*	Max WS	TR200_D700	358.30	92.55	98.36		99.44	0.006993	4.61	77.77	25.84	0.85
GR	171.33*	Max WS	TR200_D450	380.14	92.51	98.41		99.69	0.008215	5.01	75.80	24.51	0.91
GR	171.33*	Max WS	TR200_D350	367.91	92.51	98.33		99.60	0.008147	4.98	73.93	23.99	0.91
GR	171.33*	Max WS	TR200_D400	377.00	92.51	98.39		99.67	0.008210	5.01	75.27	24.36	0.91
GR	171.33*	Max WS	TR200_D500	380.51	92.51	98.41		99.70	0.008213	5.01	75.88	24.53	0.91
GR	171.33*	Max WS	TR200_D550	377.72	92.51	98.39		99.67	0.008207	5.01	75.42	24.40	0.91
GR	171.33*	Max WS	TR200_D600	370.93	92.51	98.36		99.62	0.008144	4.98	74.48	24.14	0.91
GR	171.33*	Max WS	TR200_D650	364.99	92.51	98.32		99.57	0.008113	4.96	73.55	23.88	0.90
GR	171.33*	Max WS	TR200_D700	358.29	92.51	98.27		99.52	0.008075	4.94	72.51	23.58	0.90
GR	171.17*	Max WS	TR200_D450	380.14	92.46	98.32		99.73	0.008508	5.25	72.36	21.67	0.92
GR	171.17*	Max WS	TR200_D350	367.90	92.46	98.25		99.63	0.008471	5.20	70.72	21.42	0.91
GR	171.17*	Max WS	TR200_D400	376.98	92.46	98.30		99.70	0.008512	5.24	71.90	21.60	0.92
GR	171.17*	Max WS	TR200_D500	380.51	92.46	98.33		99.73	0.008504	5.25	72.42	21.68	0.92
GR	171.17*	Max WS	TR200_D550	377.71	92.46	98.31		99.71	0.008505	5.24	72.02	21.62	0.92
GR	171.17*	Max WS	TR200_D600	370.93	92.46	98.27		99.65	0.008455	5.21	71.21	21.49	0.91
GR	171.17*	Max WS	TR200_D650	364.99	92.46	98.23		99.60	0.008441	5.18	70.40	21.37	0.91
GR	171.17*	Max WS	TR200_D700	358.29	92.46	98.19		99.54	0.008425	5.16	69.47	21.23	0.91
GR	171	Max WS	TR200_D450	380.14	92.41	98.23	98.08	99.72	0.009172	5.41	70.31	21.04	0.94
GR	171	Max WS	TR200_D350	367.90	92.41	98.16	98.01	99.62	0.009145	5.35	68.73	20.85	0.94
GR	171	Max WS	TR200_D400	376.97	92.41	98.21	98.07	99.70	0.009183	5.40	69.86	20.99	0.94
GR	171	Max WS	TR200_D500	380.51	92.41	98.24	98.09	99.73	0.009167	5.41	70.38	21.05	0.94
GR	171	Max WS	TR200_D550	377.69	92.41	98.22	98.06	99.70	0.009172	5.40	69.98	21.00	0.94
GR	171	Max WS	TR200_D600	370.93	92.41	98.18	98.02	99.65	0.009123	5.36	69.21	20.91	0.94
GR	171	Max WS	TR200_D650	364.99	92.41	98.14		99.60	0.009114	5.33	68.42	20.81	0.94
GR	171	Max WS	TR200_D700	358.28	92.41	98.10		99.54	0.009108	5.31	67.53	20.70	0.94
GR	170	Max WS	TR200_D450	375.40	92.32	97.70		98.53	0.004360	4.03	93.10	26.05	0.68
GR	170	Max WS	TR200_D350	363.62	92.32	97.63		98.44	0.004339	3.98	91.26	25.98	0.68
GR	170	Max WS	TR200_D400	372.24	92.32	97.68		98.50	0.004361	4.02	92.56	26.03	0.68
GR	170	Max WS	TR200_D500	375.76	92.32	97.70		98.53	0.004356	4.03	93.18	26.05	0.68
GR	170	Max WS	TR200_D550	372.89	92.32	97.69		98.51	0.004353	4.02	92.72	26.03	0.68
GR	170	Max WS	TR200_D600	366.54	92.32	97.65		98.46	0.004325	3.99	91.85	26.00	0.68
GR	170	Max WS	TR200_D650	360.78	92.32	97.62		98.42	0.004317	3.97	90.92	25.96	0.68
GR	170	Max WS	TR200_D700	354.23	92.32	97.58		98.37	0.004310	3.94	89.86	25.92	0.68
GR	169	Max WS	TR200_D450	380.59	91.45	97.43		97.98	0.002842	3.31	115.15	33.08	0.57
GR	169	Max WS	TR200_D350	368.50	91.45	97.36		97.90	0.002805	3.26	112.93	32.74	0.56
GR	169	Max WS	TR200_D400	377.20	91.45	97.41		97.96	0.002835	3.29	114.48	32.97	0.56
GR	169	Max WS	TR200_D500	381.10	91.45	97.43		97.99	0.002842	3.31	115.26	33.09	0.57
GR	169	Max WS	TR200_D550	377.81	91.45	97.41		97.97	0.002829	3.29	114.71	33.01	0.56
GR	169	Max WS	TR200_D600	371.88	91.45	97.38		97.93	0.002806	3.27	113.69	32.86	0.56
GR	169	Max WS	TR200_D650	365.97	91.45	97.35		97.89	0.002790	3.25	112.57	32.69	0.56
GR	169	Max WS	TR200_D700	359.28	91.45	97.31		97.84	0.002772	3.23	111.27	32.49	0.56
GR	168	Max WS	TR200_D450	380.40	91.18	97.25		97.82	0.002978	3.35	113.70	31.89	0.57
GR	168	Max WS	TR200_D350	368.49	91.18	97.19		97.74	0.002917	3.30	111.63	31.43	0.56
GR	168	Max WS	TR200_D400	376.99	91.18	97.23		97.80	0.002974	3.33	113.06	31.84	0.57
GR	168	Max WS	TR200_D500	380.99	91.18	97.26		97.83	0.002979	3.35	113.80	31.90	0.57
GR	168	Max WS	TR200_D550	377.70	91.18	97.24		97.81	0.002966	3.33	113.31	31.86	0.56
GR	168	Max WS	TR200_D600	371.87	91.18	97.21		97.77	0.002938	3.31	112.35	31.70	0.56
GR	168	Max WS	TR200_D650	365.97	91.18	97.18		97.73	0.002890	3.29	111.33	31.32	0.56
GR	168	Max WS	TR200_D700	359.27	91.18	97.14		97.68	0.002835	3.26	110.16	30.88	0.55
GR	167	Max WS	TR200_D450	380.17	91.30	97.09		97.71	0.004414	3.50	108.74	30.23	0.67
GR	167	Max WS	TR200_D350	368.33	91.30	97.02		97.64	0.004472	3.47	106.14	30.23	0.67
GR	167	Max WS	TR200_D400	376.78	91.30	97.07		97.69	0.004440	3.49	107.92	30.23	0.67
GR	167	Max WS	TR200_D500	380.59	91.30	97.09		97.72	0.004405	3.50	108.88	30.23	0.67
GR	167	Max WS	TR200_D550	377.35	91.30	97.08		97.70	0.004410	3.49	108.26	30.23	0.67
GR	167	Max WS	TR200_D600	371.68	91.30	97.05		97.66	0.004428	3.47	107.09	30.23	0.67
GR	167	Max WS	TR200_D650	365.80	91.30	97.02		97.63	0.004455	3.46	105.81	30.23	0.67
GR	167	Max WS	TR200_D700	359.14	91.30	96.98		97.58	0.004488	3.44	104.35	30.23	0.67
GR	166	Max WS	TR200_D450	378.89	90.71	96.83		97.40	0.004879	3.32	114.22	48.39	0.69
GR	166	Max WS	TR200_D350	367.03	90.71	96.77		97.32	0.004903	3.31	111.02	47.43	0.69
GR	166	Max WS	TR200_D400	375.32	90.71	96.81		97.37	0.004893	3.32	113.19	48.08	0.69
GR	166	Max WS	TR200_D500	379.42	90.71	96.84		97.40	0.004874	3.32	114.40	48.44	0.69
GR	166	Max WS	TR200_D550	376.08	90.71	96.82		97.38	0.004863	3.31	113.68	48.23	0.69
GR	166	Max WS	TR200_D600	370.51	90.71	96.79		97.35	0.004868	3.30	112.23	47.79	0.69
GR	166	Max WS	TR200_D650	364.61	90.71	96.76		97.31	0.004875	3.29	110.68	47.32	0.69
GR	166	Max WS	TR200_D700	357.87	90.71	96.72		97.27	0.004882	3.29	108.91	46.78	0.69
GR	165	Max WS	TR200_D450	367.94	90.59	96.58		97.44	0.004968	4.12	89.35	24.75	0.69
GR	165	Max WS	TR200_D350	357.06	90.59	96.51		97.36	0.004944	4.07	87.73	24.75	0.69
GR	165	Max WS	TR200_D400	364.63	90.59	96.56		97.42	0.004966	4.11	88.82	24.75	0.69
GR	165	Max WS	TR200_D500	368.56	90.59	96.58		97.45	0.004970	4.12	89.44	24.75	0.69
GR	165	Max WS	TR200_D550	365.56	90.59	96.57		97.43	0.004946	4.10	89.10	24.75	0.69
GR	165	Max WS	TR200_D600	360.59	90.59	96.54		97.39	0.004931	4.08	88.38	24.75	0.69
GR	165	Max WS	TR200_D650	355.41	90.59	96.51		97.35	0.004922	4.06	87.59	24.75	0.69
GR	165	Max WS	TR200_D700	349.39	90.59	96.47		97.30	0.004909	4.03	86.68	24.75	0.69

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
GR	164	Max WS	TR200_D450	368.20	90.63	96.31		97.15	0.005035	4.05	90.82	27.40	0.71
GR	164	Max WS	TR200_D350	357.61	90.63	96.25		97.07	0.005031	4.01	89.09	27.32	0.71
GR	164	Max WS	TR200_D400	364.92	90.63	96.29		97.12	0.005039	4.04	90.26	27.37	0.71
GR	164	Max WS	TR200_D500	368.72	90.63	96.32		97.15	0.005033	4.06	90.92	27.40	0.71
GR	164	Max WS	TR200_D550	365.95	90.63	96.30		97.14	0.005014	4.04	90.58	27.39	0.71
GR	164	Max WS	TR200_D600	361.09	90.63	96.28		97.10	0.005006	4.02	89.81	27.35	0.71
GR	164	Max WS	TR200_D650	355.93	90.63	96.24		97.06	0.005006	4.00	88.96	27.32	0.71
GR	164	Max WS	TR200_D700	349.95	90.63	96.21		97.01	0.005000	3.98	87.98	27.27	0.71
GR	163	Max WS	TR200_D450	377.90	90.44	96.02		96.55	0.003698	3.22	117.45	43.02	0.62
GR	163	Max WS	TR200_D350	366.55	90.44	95.96		96.48	0.003735	3.19	114.80	42.90	0.62
GR	163	Max WS	TR200_D400	374.34	90.44	96.00		96.53	0.003714	3.21	116.58	42.98	0.62
GR	163	Max WS	TR200_D500	378.09	90.44	96.03		96.55	0.003687	3.21	117.61	43.02	0.62
GR	163	Max WS	TR200_D550	375.54	90.44	96.02		96.54	0.003684	3.21	117.13	43.00	0.62
GR	163	Max WS	TR200_D600	370.36	90.44	95.99		96.51	0.003696	3.19	115.96	42.95	0.62
GR	163	Max WS	TR200_D650	364.80	90.44	95.96		96.48	0.003714	3.18	114.65	42.90	0.62
GR	163	Max WS	TR200_D700	358.37	90.44	95.92		96.44	0.003732	3.17	113.16	42.83	0.62
GR	162	Max WS	TR200_D450	379.49	89.92	95.85		96.55	0.004048	3.70	102.43	31.16	0.65
GR	162	Max WS	TR200_D350	368.04	89.92	95.79		96.47	0.004021	3.66	100.53	31.02	0.65
GR	162	Max WS	TR200_D400	375.89	89.92	95.83		96.53	0.004044	3.69	101.80	31.11	0.65
GR	162	Max WS	TR200_D500	379.36	89.92	95.86		96.55	0.004029	3.70	102.57	31.17	0.65
GR	162	Max WS	TR200_D550	377.12	89.92	95.84		96.54	0.004020	3.69	102.23	31.14	0.65
GR	162	Max WS	TR200_D600	371.90	89.92	95.82		96.50	0.004003	3.67	101.41	31.08	0.65
GR	162	Max WS	TR200_D650	366.27	89.92	95.79		96.46	0.003989	3.65	100.47	31.02	0.65
GR	162	Max WS	TR200_D700	359.76	89.92	95.75		96.42	0.003970	3.62	99.41	30.95	0.64
GR	161	Max WS	TR200_D450	374.19	89.51	95.59		96.03	0.002587	2.93	127.59	41.04	0.53
GR	161	Max WS	TR200_D350	363.48	89.51	95.53		95.96	0.002591	2.90	125.20	41.04	0.53
GR	161	Max WS	TR200_D400	370.46	89.51	95.57		96.01	0.002586	2.92	126.79	41.04	0.53
GR	161	Max WS	TR200_D500	374.06	89.51	95.60		96.04	0.002571	2.93	127.82	41.04	0.53
GR	161	Max WS	TR200_D550	371.97	89.51	95.59		96.02	0.002568	2.92	127.40	41.04	0.53
GR	161	Max WS	TR200_D600	367.04	89.51	95.56		95.99	0.002565	2.90	126.38	41.04	0.53
GR	161	Max WS	TR200_D650	361.72	89.51	95.53		95.96	0.002566	2.89	125.20	41.04	0.53
GR	161	Max WS	TR200_D700	355.53	89.51	95.50		95.92	0.002563	2.87	123.88	41.04	0.53
GR	160	Max WS	TR200_D450	371.07	89.81	95.37		96.09	0.004998	3.76	98.69	35.15	0.72
GR	160	Max WS	TR200_D350	361.52	89.81	95.31		96.02	0.005068	3.74	96.59	35.06	0.72
GR	160	Max WS	TR200_D400	368.13	89.81	95.35		96.07	0.005028	3.76	97.99	35.12	0.72
GR	160	Max WS	TR200_D500	371.46	89.81	95.37		96.09	0.004971	3.75	98.94	35.17	0.71
GR	160	Max WS	TR200_D550	369.46	89.81	95.36		96.08	0.004971	3.75	98.59	35.15	0.71
GR	160	Max WS	TR200_D600	364.82	89.81	95.34		96.05	0.004982	3.73	97.71	35.11	0.71
GR	160	Max WS	TR200_D650	359.76	89.81	95.31		96.02	0.005003	3.72	96.68	35.06	0.72
GR	160	Max WS	TR200_D700	353.84	89.81	95.28		95.98	0.005017	3.70	95.55	35.01	0.72
GR	159	Max WS	TR200_D450	371.88	89.45	95.13		95.79	0.004062	3.61	102.93	33.11	0.65
GR	159	Max WS	TR200_D350	363.35	89.45	95.06		95.73	0.004127	3.60	100.84	33.03	0.66
GR	159	Max WS	TR200_D400	369.59	89.45	95.11		95.77	0.004098	3.62	102.21	33.09	0.66
GR	159	Max WS	TR200_D500	372.68	89.45	95.13		95.80	0.004048	3.61	103.19	33.12	0.65
GR	159	Max WS	TR200_D550	370.44	89.45	95.13		95.79	0.004038	3.60	102.87	33.11	0.65
GR	159	Max WS	TR200_D600	366.35	89.45	95.10		95.76	0.004048	3.59	102.03	33.08	0.65
GR	159	Max WS	TR200_D650	361.52	89.45	95.07		95.72	0.004062	3.58	101.04	33.04	0.65
GR	159	Max WS	TR200_D700	355.74	89.45	95.04		95.68	0.004064	3.56	99.95	32.99	0.65
GR	158	Max WS	TR200_D450	372.34	89.57	94.88		95.65	0.005058	3.87	96.32	33.18	0.72
GR	158	Max WS	TR200_D350	365.44	89.57	94.81		95.58	0.005243	3.89	94.01	33.06	0.74
GR	158	Max WS	TR200_D400	371.75	89.57	94.86		95.63	0.005179	3.89	95.48	33.14	0.73
GR	158	Max WS	TR200_D500	374.93	89.57	94.89		95.66	0.005087	3.88	96.59	33.20	0.73
GR	158	Max WS	TR200_D550	372.72	89.57	94.88		95.65	0.005075	3.87	96.28	33.18	0.73
GR	158	Max WS	TR200_D600	368.65	89.57	94.86		95.62	0.005104	3.86	95.40	33.13	0.73
GR	158	Max WS	TR200_D650	363.62	89.57	94.82		95.58	0.005133	3.85	94.36	33.08	0.73
GR	158	Max WS	TR200_D700	357.55	89.57	94.79		95.54	0.005141	3.83	93.27	33.02	0.73
GR	157	Max WS	TR200_D450	370.87	89.08	94.62		95.51	0.005876	4.19	88.60	29.80	0.78
GR	157	Max WS	TR200_D350	355.79	89.08	94.54		95.41	0.005829	4.12	86.35	29.62	0.77
GR	157	Max WS	TR200_D400	372.87	89.08	94.58		95.50	0.006162	4.26	87.49	29.71	0.79
GR	157	Max WS	TR200_D500	376.11	89.08	94.62		95.53	0.006034	4.24	88.65	29.80	0.79
GR	157	Max WS	TR200_D550	374.04	89.08	94.61		95.52	0.006018	4.23	88.39	29.78	0.78
GR	157	Max WS	TR200_D600	369.97	89.08	94.58		95.49	0.006052	4.23	87.56	29.71	0.79
GR	157	Max WS	TR200_D650	364.75	89.08	94.55		95.45	0.006074	4.21	86.60	29.64	0.79
GR	157	Max WS	TR200_D700	358.26	89.08	94.52		95.41	0.006056	4.18	85.63	29.56	0.78
GR	156	Max WS	TR200_D450	349.98	89.01	94.36	93.84	95.47	0.005864	4.66	75.03	23.95	0.79
GR	156	Max WS	TR200_D350	341.49	89.01	94.27	93.79	95.38	0.006086	4.67	73.12	23.67	0.80
GR	156	Max WS	TR200_D400	350.80	89.01	94.29	93.84	95.45	0.006293	4.77	73.56	23.74	0.82
GR	156	Max WS	TR200_D500	357.28	89.01	94.33	93.88	95.50	0.006288	4.80	74.39	23.86	0.82
GR	156	Max WS	TR200_D550	373.99	89.01	94.27	93.98	95.60	0.007254	5.11	73.25	23.69	0.88
GR	156	Max WS	TR200_D600	370.10	89.01	94.24	93.95	95.57	0.007299	5.09	72.66	23.61	0.88
GR	156	Max WS	TR200_D650	345.73	89.01	94.22	93.81	95.39	0.006499	4.79	72.22	23.54	0.83
GR	156	Max WS	TR200_D700	357.36	89.01	94.19	93.88	95.46	0.007194	5.00	71.46	23.43	0.87
GR	155			Bridge									
GR	154	Max WS	TR200_D450	385.26	88.93	94.62		95.66	0.004499	4.51	85.40	26.23	0.72
GR	154	Max WS	TR200_D350	366.76	88.93	94.55		95.52	0.004348	4.38	83.77	26.03	0.70
GR	154	Max WS	TR200_D400	376.13	88.93	94.59		95.60	0.004400	4.44	84.75	26.15	0.71
GR	154	Max WS	TR200_D500	376.83	88.93	94.62		95.62	0.004303	4.41	85.41	26.23	0.70
GR	154	Max WS	TR200_D550	374.74	88.93	94.61		95.60	0.004292	4.40	85.19	26.20	0.70
GR	154	Max WS	TR200_D600	370.18	88.93	94.59		95.56	0.004285	4.38	84.61	26.13	0.70
GR	154	Max WS	TR200_D650	365.05	88.93	94.55		95.52	0.004283	4.35	83.92	26.05	0.70
GR	154	Max WS	TR200_D700	358.87	88.93	94.52		95.47	0.004265	4.32	83.16	25.95	0.69
GR	153.7			Lat Struct									
GR	153	Max WS	TR200_D450	385.11	88.74	94.48	92.99	95.10	0.002713	3.47	110.94	39.79	0.56
GR	153	Max WS	TR200_D350	366.76	88.74	94.41	92.89	94.99	0.002614	3.37	108.95	39.52	0.55
GR	153	Max WS	TR200_D400	376.12	88.74	94.46	92.94	95.05	0.002648	3.41	110.18	39.68	0.55

HEC-RAS River: Greve Reach: GR 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
GR	153	Max WS	TR200_D500	376.58	88.74	94.49	92.95	95.08	0.002581	3.39	111.12	39.81	0.55
GR	153	Max WS	TR200_D550	374.38	88.74	94.48	92.93	95.06	0.002572	3.38	110.84	39.78	0.55
GR	153	Max WS	TR200_D600	370.18	88.74	94.45	92.91	95.03	0.002572	3.36	110.09	39.67	0.55
GR	153	Max WS	TR200_D650	364.96	88.74	94.42	92.88	94.99	0.002569	3.34	109.20	39.55	0.55
GR	153	Max WS	TR200_D700	358.70	88.74	94.39	92.84	94.95	0.002556	3.31	108.23	39.42	0.54
GR	152		Bridge										
GR	151	Max WS	TR200_D450	385.11	89.07	94.61		95.10	0.002668	3.07	125.28	51.56	0.55
GR	151	Max WS	TR200_D350	366.75	89.07	94.53		94.99	0.002610	3.01	121.85	51.05	0.55
GR	151	Max WS	TR200_D400	376.12	89.07	94.58		95.05	0.002624	3.04	123.89	51.35	0.55
GR	151	Max WS	TR200_D500	376.82	89.07	94.61		95.07	0.002557	3.01	125.23	51.55	0.54
GR	151	Max WS	TR200_D550	374.74	89.07	94.60		95.06	0.002554	3.00	124.77	51.48	0.54
GR	151	Max WS	TR200_D600	370.18	89.07	94.57		95.03	0.002560	3.00	123.56	51.30	0.54
GR	151	Max WS	TR200_D650	365.05	89.07	94.53		94.99	0.002570	2.99	122.13	51.09	0.54
GR	151	Max WS	TR200_D700	358.86	89.07	94.49		94.95	0.002572	2.98	120.57	50.86	0.54
GR	150.9		Lat Struct										
GR	150.7		Lat Struct										
GR	150	Max WS	TR200_D450	382.00	88.58	94.45		95.13	0.004311	3.64	104.82	33.82	0.66
GR	150	Max WS	TR200_D350	366.74	88.58	94.36		95.02	0.004333	3.60	101.92	33.73	0.66
GR	150	Max WS	TR200_D400	375.74	88.58	94.42		95.09	0.004316	3.62	103.66	33.78	0.66
GR	150	Max WS	TR200_D500	376.63	88.58	94.45		95.11	0.004173	3.59	104.97	33.82	0.65
GR	150	Max WS	TR200_D550	374.54	88.58	94.44		95.10	0.004174	3.58	104.57	33.81	0.65
GR	150	Max WS	TR200_D600	370.17	88.58	94.41		95.06	0.004207	3.58	103.51	33.78	0.65
GR	150	Max WS	TR200_D650	365.02	88.58	94.37		95.02	0.004248	3.57	102.26	33.74	0.65
GR	150	Max WS	TR200_D700	358.71	88.58	94.33		94.98	0.004275	3.56	100.90	33.71	0.66
GR	149	Max WS	TR200_D450	379.42	88.55	94.20		94.73	0.004144	3.23	117.57	47.63	0.66
GR	149	Max WS	TR200_D350	366.71	88.55	94.11		94.64	0.004328	3.23	113.50	47.52	0.67
GR	149	Max WS	TR200_D400	373.47	88.55	94.16		94.69	0.004189	3.22	116.01	47.59	0.66
GR	149	Max WS	TR200_D500	376.52	88.55	94.21		94.73	0.004015	3.19	118.18	47.65	0.65
GR	149	Max WS	TR200_D550	374.38	88.55	94.20		94.71	0.004027	3.18	117.65	47.63	0.65
GR	149	Max WS	TR200_D600	370.15	88.55	94.16		94.68	0.004109	3.19	116.06	47.59	0.65
GR	149	Max WS	TR200_D650	364.85	88.55	94.12		94.65	0.004201	3.19	114.21	47.54	0.66
GR	149	Max WS	TR200_D700	358.52	88.55	94.08		94.60	0.004284	3.19	112.25	47.48	0.66
GR	148	Max WS	TR200_D450	372.37	88.23	93.89		94.51	0.004622	3.47	107.20	40.08	0.68
GR	148	Max WS	TR200_D350	363.91	88.23	93.79		94.42	0.005035	3.54	102.86	40.07	0.71
GR	148	Max WS	TR200_D400	370.14	88.23	93.85		94.48	0.004811	3.51	105.46	40.08	0.69
GR	148	Max WS	TR200_D500	372.92	88.23	93.91		94.52	0.004536	3.45	107.94	40.08	0.67
GR	148	Max WS	TR200_D550	370.96	88.23	93.90		94.51	0.004554	3.45	107.45	40.08	0.67
GR	148	Max WS	TR200_D600	366.96	88.23	93.86		94.47	0.004677	3.47	105.82	40.08	0.68
GR	148	Max WS	TR200_D650	361.74	88.23	93.81		94.43	0.004812	3.48	103.94	40.07	0.69
GR	148	Max WS	TR200_D700	355.34	88.23	93.77		94.38	0.004928	3.48	102.01	40.07	0.70
GR	147	Max WS	TR200_D450	375.81	88.52	93.63		94.33	0.004920	3.72	101.10	36.13	0.71
GR	147	Max WS	TR200_D350	366.68	88.52	93.49		94.23	0.005481	3.81	96.18	36.12	0.75
GR	147	Max WS	TR200_D400	372.72	88.52	93.57		94.29	0.005160	3.76	99.07	36.12	0.73
GR	147	Max WS	TR200_D500	376.47	88.52	93.65		94.35	0.004806	3.69	101.97	36.13	0.70
GR	147	Max WS	TR200_D550	374.44	88.52	93.64		94.33	0.004826	3.69	101.49	36.13	0.70
GR	147	Max WS	TR200_D600	370.23	88.52	93.59		94.29	0.004985	3.71	99.73	36.12	0.71
GR	147	Max WS	TR200_D650	364.99	88.52	93.53		94.25	0.005167	3.74	97.71	36.12	0.73
GR	147	Max WS	TR200_D700	357.64	88.52	93.48		94.19	0.005288	3.74	95.75	36.12	0.73
GR	146.90*	Max WS	TR200_D450	381.61	88.39	93.53		94.27	0.005174	3.83	99.68	35.56	0.73
GR	146.90*	Max WS	TR200_D350	371.63	88.39	93.38		94.17	0.005825	3.94	94.40	35.55	0.77
GR	146.90*	Max WS	TR200_D400	378.16	88.39	93.47		94.23	0.005448	3.88	97.50	35.56	0.75
GR	146.90*	Max WS	TR200_D500	383.70	88.39	93.55		94.29	0.005083	3.81	100.59	35.57	0.72
GR	146.90*	Max WS	TR200_D550	382.49	88.39	93.54		94.28	0.005132	3.82	100.09	35.56	0.73
GR	146.90*	Max WS	TR200_D600	378.85	88.39	93.48		94.24	0.005345	3.86	98.20	35.56	0.74
GR	146.90*	Max WS	TR200_D650	374.96	88.39	93.42		94.20	0.005619	3.90	96.02	35.55	0.76
GR	146.90*	Max WS	TR200_D700	369.84	88.39	93.36		94.16	0.005862	3.94	93.92	35.55	0.77
GR	146.80*	Max WS	TR200_D450	381.57	88.26	93.42		94.19	0.005293	3.88	98.38	35.07	0.74
GR	146.80*	Max WS	TR200_D350	371.59	88.26	93.26		94.08	0.006060	4.01	92.67	35.05	0.79
GR	146.80*	Max WS	TR200_D400	378.14	88.26	93.36		94.15	0.005611	3.94	96.02	35.06	0.76
GR	146.80*	Max WS	TR200_D500	383.00	88.26	93.45		94.21	0.005168	3.85	99.38	35.07	0.73
GR	146.80*	Max WS	TR200_D550	382.42	88.26	93.44		94.20	0.005245	3.87	98.81	35.07	0.74
GR	146.80*	Max WS	TR200_D600	378.83	88.26	93.38		94.16	0.005490	3.91	96.80	35.07	0.75
GR	146.80*	Max WS	TR200_D650	374.78	88.26	93.31		94.11	0.005809	3.97	94.43	35.06	0.77
GR	146.80*	Max WS	TR200_D700	369.83	88.26	93.25		94.07	0.006109	4.01	92.15	35.05	0.79
GR	146.70*	Max WS	TR200_D450	381.43	88.14	93.32		94.10	0.005418	3.93	97.16	34.58	0.75
GR	146.70*	Max WS	TR200_D350	371.56	88.14	93.14		93.99	0.006333	4.09	90.92	34.56	0.80
GR	146.70*	Max WS	TR200_D400	378.04	88.14	93.24		94.06	0.005790	4.00	94.58	34.57	0.77
GR	146.70*	Max WS	TR200_D500	382.95	88.14	93.35		94.12	0.005278	3.90	98.22	34.58	0.74
GR	146.70*	Max WS	TR200_D550	382.29	88.14	93.33		94.11	0.005362	3.92	97.62	34.58	0.74
GR	146.70*	Max WS	TR200_D600	378.79	88.14	93.27		94.07	0.005651	3.97	95.44	34.57	0.76
GR	146.70*	Max WS	TR200_D650	374.73	88.14	93.19		94.02	0.006028	4.04	92.86	34.56	0.79
GR	146.70*	Max WS	TR200_D700	369.84	88.14	93.12		93.98	0.006390	4.09	90.39	34.56	0.81
GR	146.60*	Max WS	TR200_D450	381.42	88.01	93.21		94.01	0.005550	3.97	96.00	34.09	0.76
GR	146.60*	Max WS	TR200_D350	371.52	88.01	93.01		93.89	0.006204	4.16	89.41	32.33	0.80
GR	146.60*	Max WS	TR200_D400	377.81	88.01	93.13		93.97	0.005921	4.05	93.23	33.83	0.78
GR	146.60*	Max WS	TR200_D500	382.90	88.01	93.24		94.04	0.005390	3.94	97.14	34.09	0.75
GR	146.60*	Max WS	TR200_D550	381.91	88.01	93.22		94.02	0.005477	3.96	96.49	34.09	0.75
GR	146.60*	Max WS	TR200_D600	378.73	88.01	93.16		93.98	0.005814	4.02	94.16	34.08	0.77
GR	146.60*	Max WS	TR200_D650	374.70	88.01	93.07		93.93	0.006050	4.10	91.41	33.13	0.79
GR	146.60*	Max WS	TR200_D700	369.83	88.01	93.00		93.88	0.006213	4.16	88.90	32.13	0.80
GR	146.50*	Max WS	TR200_D450	381.40	87.88	93.10		93.92	0.005237	4.01	95.23	31.52	0.74
GR	146.50*	Max WS	TR200_D350	371.48	87.88	92.90		93.78	0.005554	4.17	89.08	28.93	0.76
GR	146.50*	Max WS	TR200_D400	377.81	87.88	93.02		93.87	0.005290	4.08	92.59	29.94	0.74
GR	146.50*	Max WS	TR200_D500	382.89	87.88	93.14		93.94	0.005178	3.97	96.36	32.03	0.73
GR	146.50*	Max WS	TR200_D550	381.88	87.88	93.12		93.93	0.005209	3.99	95.70	31.73	0.73

HEC-RAS River: Greve Reach: GR 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
GR	146.50*	Max WS	TR200_D600	378.70	87.88	93.05		93.88	0.005282	4.05	93.48	30.55	0.74
GR	146.50*	Max WS	TR200_D650	374.66	87.88	92.96		93.83	0.005316	4.12	90.94	29.04	0.74
GR	146.50*	Max WS	TR200_D700	369.82	87.88	92.88		93.77	0.005587	4.17	88.63	28.90	0.76
GR	146.40*	Max WS	TR200_D450	381.36	87.75	93.01		93.82	0.004701	3.99	95.49	28.68	0.70
GR	146.40*	Max WS	TR200_D350	371.44	87.75	92.79		93.67	0.005437	4.16	89.34	28.37	0.75
GR	146.40*	Max WS	TR200_D400	377.80	87.75	92.92		93.76	0.005002	4.07	92.93	28.55	0.72
GR	146.40*	Max WS	TR200_D500	382.85	87.75	93.04		93.84	0.004582	3.96	96.58	28.73	0.69
GR	146.40*	Max WS	TR200_D550	381.86	87.75	93.02		93.83	0.004646	3.98	95.96	28.70	0.69
GR	146.40*	Max WS	TR200_D600	378.64	87.75	92.95		93.78	0.004886	4.04	93.81	28.59	0.71
GR	146.40*	Max WS	TR200_D650	374.63	87.75	92.86		93.72	0.005194	4.11	91.24	28.46	0.73
GR	146.40*	Max WS	TR200_D700	369.83	87.75	92.77		93.66	0.005475	4.16	88.87	28.35	0.75
GR	146.30*	Max WS	TR200_D450	381.32	87.62	92.91		93.71	0.004572	3.97	96.14	28.19	0.69
GR	146.30*	Max WS	TR200_D350	371.40	87.62	92.68		93.56	0.005339	4.14	89.71	27.98	0.74
GR	146.30*	Max WS	TR200_D400	377.66	87.62	92.82		93.65	0.004876	4.04	93.48	28.08	0.71
GR	146.30*	Max WS	TR200_D500	382.81	87.62	92.95		93.74	0.004450	3.94	97.26	28.24	0.68
GR	146.30*	Max WS	TR200_D550	381.85	87.62	92.93		93.73	0.004517	3.95	96.62	28.21	0.68
GR	146.30*	Max WS	TR200_D600	378.64	87.62	92.85		93.67	0.004760	4.01	94.39	28.12	0.70
GR	146.30*	Max WS	TR200_D650	374.58	87.62	92.75		93.61	0.005077	4.08	91.72	28.01	0.72
GR	146.30*	Max WS	TR200_D700	369.82	87.62	92.67		93.54	0.005381	4.14	89.23	27.98	0.74
GR	146.20*	Max WS	TR200_D450	381.32	87.50	92.82		93.61	0.004450	3.94	96.90	27.80	0.67
GR	146.20*	Max WS	TR200_D350	371.40	87.50	92.58		93.44	0.005264	4.12	90.14	27.76	0.73
GR	146.20*	Max WS	TR200_D400	377.43	87.50	92.72		93.54	0.004765	4.01	94.11	27.78	0.70
GR	146.20*	Max WS	TR200_D500	382.79	87.50	92.86		93.64	0.004326	3.90	98.07	27.84	0.66
GR	146.20*	Max WS	TR200_D550	381.83	87.50	92.84		93.62	0.004394	3.92	97.40	27.82	0.67
GR	146.20*	Max WS	TR200_D600	378.62	87.50	92.76		93.56	0.004648	3.98	95.08	27.78	0.69
GR	146.20*	Max WS	TR200_D650	374.57	87.50	92.65		93.49	0.004986	4.06	92.27	27.77	0.71
GR	146.20*	Max WS	TR200_D700	369.82	87.50	92.56		93.43	0.005308	4.13	89.65	27.75	0.73
GR	146.10*	Max WS	TR200_D450	381.30	87.37	92.73		93.51	0.004345	3.90	97.74	27.57	0.66
GR	146.10*	Max WS	TR200_D350	371.35	87.37	92.47		93.33	0.005189	4.10	90.64	27.54	0.72
GR	146.10*	Max WS	TR200_D400	377.38	87.37	92.63		93.43	0.004668	3.98	94.83	27.56	0.69
GR	146.10*	Max WS	TR200_D500	382.74	87.37	92.78		93.54	0.004214	3.87	98.98	27.58	0.65
GR	146.10*	Max WS	TR200_D550	381.80	87.37	92.75		93.52	0.004286	3.89	98.27	27.58	0.66
GR	146.10*	Max WS	TR200_D600	378.59	87.37	92.66		93.46	0.004547	3.95	95.84	27.57	0.68
GR	146.10*	Max WS	TR200_D650	374.57	87.37	92.55		93.38	0.004899	4.03	92.88	27.55	0.70
GR	146.10*	Max WS	TR200_D700	369.82	87.37	92.45		93.31	0.005237	4.10	90.12	27.54	0.72
GR	146	Max WS	TR200_D450	381.27	87.24	92.64		93.41	0.004246	3.87	98.65	27.36	0.65
GR	146	Max WS	TR200_D350	371.33	87.24	92.37		93.22	0.005120	4.07	91.18	27.33	0.71
GR	146	Max WS	TR200_D400	377.36	87.24	92.53		93.33	0.004578	3.95	95.59	27.35	0.67
GR	146	Max WS	TR200_D500	382.74	87.24	92.69		93.44	0.004113	3.83	99.93	27.36	0.64
GR	146	Max WS	TR200_D550	381.78	87.24	92.66		93.42	0.004184	3.85	99.21	27.36	0.65
GR	146	Max WS	TR200_D600	378.58	87.24	92.57		93.35	0.004453	3.92	96.66	27.35	0.67
GR	146	Max WS	TR200_D650	374.52	87.24	92.46		93.27	0.004816	4.00	93.55	27.34	0.69
GR	146	Max WS	TR200_D700	369.81	87.24	92.35		93.20	0.005170	4.08	90.65	27.33	0.72
GR	145.90*	Max WS	TR200_D450	381.25	87.10	92.56		93.32	0.004092	3.86	98.78	26.70	0.64
GR	145.90*	Max WS	TR200_D350	371.33	87.10	92.27		93.12	0.004971	4.08	91.05	26.66	0.70
GR	145.90*	Max WS	TR200_D400	377.32	87.10	92.44		93.24	0.004421	3.95	95.63	26.68	0.67
GR	145.90*	Max WS	TR200_D500	382.69	87.10	92.61		93.36	0.003962	3.82	100.10	26.73	0.63
GR	145.90*	Max WS	TR200_D550	381.76	87.10	92.58		93.34	0.004033	3.84	99.35	26.71	0.64
GR	145.90*	Max WS	TR200_D600	378.54	87.10	92.49		93.27	0.004297	3.91	96.74	26.69	0.66
GR	145.90*	Max WS	TR200_D650	374.52	87.10	92.36		93.18	0.004662	4.00	93.52	26.67	0.68
GR	145.90*	Max WS	TR200_D700	369.81	87.10	92.25		93.10	0.005023	4.09	90.49	26.66	0.71
GR	145.80*	Max WS	TR200_D450	381.18	86.96	92.48		93.24	0.003993	3.86	98.86	26.23	0.63
GR	145.80*	Max WS	TR200_D350	371.29	86.96	92.17		93.03	0.004880	4.09	90.83	26.01	0.70
GR	145.80*	Max WS	TR200_D400	377.29	86.96	92.36		93.15	0.004322	3.95	95.61	26.14	0.66
GR	145.80*	Max WS	TR200_D500	382.70	86.96	92.53		93.28	0.003864	3.82	100.22	26.26	0.62
GR	145.80*	Max WS	TR200_D550	381.77	86.96	92.50		93.26	0.003934	3.84	99.45	26.24	0.63
GR	145.80*	Max WS	TR200_D600	378.54	86.96	92.40		93.18	0.004198	3.91	96.76	26.17	0.65
GR	145.80*	Max WS	TR200_D650	374.50	86.96	92.27		93.09	0.004565	4.01	93.41	26.08	0.68
GR	145.80*	Max WS	TR200_D700	369.81	86.96	92.15		93.01	0.004933	4.10	90.27	26.00	0.70
GR	145.70*	Max WS	TR200_D450	381.19	86.82	92.40		93.16	0.003908	3.85	98.90	25.76	0.63
GR	145.70*	Max WS	TR200_D350	371.28	86.82	92.08		92.94	0.004821	4.10	90.56	25.51	0.69
GR	145.70*	Max WS	TR200_D400	377.29	86.82	92.27		93.07	0.004242	3.95	95.55	25.67	0.65
GR	145.70*	Max WS	TR200_D500	382.67	86.82	92.46		93.20	0.003779	3.82	100.30	25.80	0.62
GR	145.70*	Max WS	TR200_D550	381.75	86.82	92.43		93.18	0.003849	3.84	99.51	25.78	0.62
GR	145.70*	Max WS	TR200_D600	378.52	86.82	92.32		93.10	0.004116	3.91	96.74	25.70	0.64
GR	145.70*	Max WS	TR200_D650	374.48	86.82	92.18		93.01	0.004493	4.02	93.26	25.60	0.67
GR	145.70*	Max WS	TR200_D700	369.81	86.82	92.06		92.92	0.004875	4.11	89.98	25.49	0.70
GR	145.60*	Max WS	TR200_D450	381.12	86.68	92.33		93.09	0.003868	3.85	98.90	25.53	0.63
GR	145.60*	Max WS	TR200_D350	371.27	86.68	91.98		92.85	0.004775	4.11	90.25	25.00	0.69
GR	145.60*	Max WS	TR200_D400	377.28	86.68	92.19		92.99	0.004181	3.95	95.43	25.21	0.65
GR	145.60*	Max WS	TR200_D500	382.64	86.68	92.38		93.13	0.003756	3.81	100.34	25.72	0.62
GR	145.60*	Max WS	TR200_D550	381.72	86.68	92.35		93.10	0.003818	3.84	99.53	25.61	0.62
GR	145.60*	Max WS	TR200_D600	378.50	86.68	92.24		93.02	0.004052	3.92	96.67	25.26	0.64
GR	145.60*	Max WS	TR200_D650	374.48	86.68	92.10		92.92	0.004433	4.02	93.06	25.10	0.67
GR	145.60*	Max WS	TR200_D700	369.81	86.68	91.96		92.83	0.004831	4.12	89.65	24.99	0.70
GR	145.50*	Max WS	TR200_D450	381.10	86.54	92.25		93.01	0.003869	3.85	98.96	25.62	0.63
GR	145.50*	Max WS	TR200_D350	371.23	86.54	91.89		92.76	0.004753	4.13	89.87	24.59	0.69
GR	145.50*	Max WS	TR200_D400	377.26	86.54	92.11		92.91	0.004193	3.96	95.32	25.21	0.65
GR	145.50*	Max WS	TR200_D500	382.62	86.54	92.31		93.05	0.003747	3.81	100.46	25.78	0.62
GR	145.50*	Max WS	TR200_D550	381.70	86.54	92.28		93.03	0.003814	3.83	99.61	25.69	0.62
GR	145.50*	Max WS	TR200_D600	378.51	86.54	92.16		92.94	0.004071	3.92	96.61	25.35	0.64
GR	145.50*	Max WS	TR200_D650	374.46	86.54	92.01		92.84	0.004435	4.03	92.83	24.93	0.67
GR	145.50*	Max WS	TR200_D700	369.80	86.54	91.87		92.74	0.004812	4.14	89.26	24.56	0.69
GR	145.40*	Max WS	TR200_D450	381.09	86.41	92.18		92.93	0.003849	3.85	99.03	25.56	0.62
GR	145.40*	Max WS	TR200_D350	371.23	86.41	91.80		92.67	0.004816	4.15	89.48	24.59	0.69
GR	145.40*	Max WS	TR200_D400	377.23	86.41	92.03		92.83	0.004196	3.96	95.22	25.18	0.65
GR	145.40*	Max WS	TR200_D500	382.60	86.41	92.24		92.97	0.003720	3.80	100.57	25.71	0.61

HEC-RAS River: Greve Reach: GR 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
GR	145.40*	Max WS	TR200_D550	381.69	86.41	92.20		92.95	0.003791	3.83	99.70	25.62	0.62
GR	145.40*	Max WS	TR200_D600	378.51	86.41	92.08		92.86	0.004064	3.92	96.59	25.31	0.64
GR	145.40*	Max WS	TR200_D650	374.45	86.41	91.92		92.76	0.004461	4.04	92.61	24.91	0.67
GR	145.40*	Max WS	TR200_D700	369.80	86.41	91.77		92.65	0.004874	4.16	88.84	24.53	0.70
GR	145.30*	Max WS	TR200_D450	381.06	86.27	92.10		92.86	0.003822	3.85	99.08	25.41	0.62
GR	145.30*	Max WS	TR200_D350	371.22	86.27	91.70		92.59	0.004863	4.17	89.08	24.49	0.70
GR	145.30*	Max WS	TR200_D400	377.23	86.27	91.94		92.75	0.004189	3.97	95.13	25.05	0.65
GR	145.30*	Max WS	TR200_D500	382.58	86.27	92.16		92.90	0.003686	3.80	100.69	25.55	0.61
GR	145.30*	Max WS	TR200_D550	381.68	86.27	92.13		92.87	0.003761	3.83	99.78	25.47	0.62
GR	145.30*	Max WS	TR200_D600	378.49	86.27	92.00		92.78	0.004048	3.92	96.56	25.18	0.64
GR	145.30*	Max WS	TR200_D650	374.46	86.27	91.83		92.67	0.004474	4.05	92.39	24.80	0.67
GR	145.30*	Max WS	TR200_D700	369.80	86.27	91.67		92.56	0.004928	4.18	88.41	24.42	0.70
GR	145.20*	Max WS	TR200_D450	381.05	86.13	92.03		92.78	0.003795	3.84	99.12	25.21	0.62
GR	145.20*	Max WS	TR200_D350	371.21	86.13	91.60		92.50	0.004910	4.19	88.65	24.31	0.70
GR	145.20*	Max WS	TR200_D400	377.22	86.13	91.86		92.67	0.004182	3.97	95.01	24.86	0.65
GR	145.20*	Max WS	TR200_D500	382.57	86.13	92.09		92.83	0.003654	3.80	100.77	25.35	0.61
GR	145.20*	Max WS	TR200_D550	381.67	86.13	92.06		92.80	0.003731	3.82	99.84	25.27	0.61
GR	145.20*	Max WS	TR200_D600	378.48	86.13	91.92		92.71	0.004032	3.92	96.50	24.99	0.64
GR	145.20*	Max WS	TR200_D650	374.44	86.13	91.75		92.59	0.004487	4.06	92.14	24.62	0.67
GR	145.20*	Max WS	TR200_D700	369.80	86.13	91.58		92.48	0.004981	4.20	87.95	24.25	0.71
GR	145.10*	Max WS	TR200_D450	381.04	85.99	91.95		92.71	0.003776	3.84	99.11	24.98	0.62
GR	145.10*	Max WS	TR200_D350	371.20	85.99	91.51		92.41	0.004967	4.21	88.16	24.09	0.70
GR	145.10*	Max WS	TR200_D400	377.20	85.99	91.78		92.59	0.004183	3.98	94.84	24.63	0.65
GR	145.10*	Max WS	TR200_D500	382.55	85.99	92.02		92.75	0.003630	3.79	100.81	25.11	0.60
GR	145.10*	Max WS	TR200_D550	381.64	85.99	91.98		92.73	0.003710	3.82	99.85	25.03	0.61
GR	145.10*	Max WS	TR200_D600	378.48	85.99	91.84		92.63	0.004025	3.93	96.39	24.76	0.64
GR	145.10*	Max WS	TR200_D650	374.44	85.99	91.66		92.51	0.004509	4.08	91.84	24.39	0.67
GR	145.10*	Max WS	TR200_D700	369.80	85.99	91.48		92.39	0.005046	4.23	87.43	24.03	0.71
GR	145	Max WS	TR200_D450	381.01	85.85	91.88		92.63	0.003773	3.85	99.04	24.72	0.61
GR	145	Max WS	TR200_D350	371.19	85.85	91.41		92.32	0.005051	4.24	87.59	23.83	0.71
GR	145	Max WS	TR200_D400	377.19	85.85	91.70		92.51	0.004203	3.99	94.60	24.38	0.65
GR	145	Max WS	TR200_D500	382.54	85.85	91.95		92.68	0.003621	3.80	100.80	24.85	0.60
GR	145	Max WS	TR200_D550	381.66	85.85	91.91		92.65	0.003705	3.82	99.81	24.77	0.61
GR	145	Max WS	TR200_D600	378.47	85.85	91.76		92.55	0.004036	3.93	96.22	24.50	0.63
GR	145	Max WS	TR200_D650	374.43	85.85	91.57		92.42	0.004551	4.09	91.47	24.13	0.67
GR	145	Max WS	TR200_D700	369.79	85.85	91.37		92.30	0.005137	4.26	86.83	23.77	0.71
GR	144	Max WS	TR200_D450	380.96	85.62	91.21	89.64	91.85	0.004030	3.55	107.41	30.27	0.59
GR	144	Max WS	TR200_D350	371.15	85.62	90.52	89.59	91.41	0.006145	4.20	88.47	25.94	0.71
GR	144	Max WS	TR200_D400	377.13	85.62	90.95	89.62	91.68	0.004794	3.77	99.98	29.08	0.64
GR	144	Max WS	TR200_D500	382.47	85.62	91.31	89.65	91.92	0.003778	3.47	110.33	30.72	0.57
GR	144	Max WS	TR200_D550	381.60	85.62	91.25	89.65	91.88	0.003916	3.51	108.69	30.47	0.58
GR	144	Max WS	TR200_D600	378.45	85.62	91.05	89.63	91.74	0.004487	3.68	102.72	29.52	0.62
GR	144	Max WS	TR200_D650	374.40	85.62	90.76	89.61	91.56	0.005393	3.95	94.76	27.86	0.67
GR	144	Max WS	TR200_D700	369.71	85.62	90.47	89.58	91.38	0.006357	4.24	87.27	25.93	0.72
GR	143		Bridge										
GR	142	Max WS	TR200_D450	380.96	85.58	90.54		91.44	0.005992	4.20	90.63	25.82	0.70
GR	142	Max WS	TR200_D350	371.16	85.58	90.48		91.37	0.005945	4.16	89.21	25.67	0.70
GR	142	Max WS	TR200_D400	377.13	85.58	90.52		91.41	0.005982	4.19	90.07	25.79	0.70
GR	142	Max WS	TR200_D500	382.47	85.58	90.55		91.45	0.005997	4.21	90.85	25.83	0.70
GR	142	Max WS	TR200_D550	381.60	85.58	90.55		91.45	0.005993	4.21	90.73	25.83	0.70
GR	142	Max WS	TR200_D600	378.45	85.58	90.53		91.42	0.005982	4.19	90.28	25.80	0.70
GR	142	Max WS	TR200_D650	374.40	85.58	90.50		91.39	0.005967	4.17	89.68	25.75	0.70
GR	142	Max WS	TR200_D700	369.72	85.58	90.48		91.36	0.005937	4.15	88.98	25.63	0.70
GR	141	Max WS	TR200_D450	380.90	85.56	90.28	87.85	90.45	0.000933	1.84	207.45	67.23	0.32
GR	141	Max WS	TR200_D350	371.12	85.56	90.23	87.82	90.40	0.000923	1.82	204.24	66.74	0.32
GR	141	Max WS	TR200_D400	377.09	85.56	90.26	87.84	90.43	0.000924	1.83	206.18	66.75	0.32
GR	141	Max WS	TR200_D500	382.43	85.56	90.29	87.85	90.46	0.000941	1.84	207.96	67.63	0.32
GR	141	Max WS	TR200_D550	381.56	85.56	90.28	87.85	90.46	0.000936	1.84	207.68	67.41	0.32
GR	141	Max WS	TR200_D600	378.43	85.56	90.27	87.84	90.44	0.000924	1.83	206.65	66.75	0.32
GR	141	Max WS	TR200_D650	374.39	85.56	90.24	87.83	90.41	0.000924	1.82	205.30	66.75	0.32
GR	141	Max WS	TR200_D700	369.68	85.56	90.22	87.81	90.39	0.000923	1.81	203.72	66.74	0.32
GR	140		Bridge										
GR	139	Max WS	TR200_D450	380.90	85.09	90.33		90.45	0.000506	1.53	249.48	64.36	0.24
GR	139	Max WS	TR200_D350	371.14	85.09	90.28		90.39	0.000497	1.51	246.24	63.96	0.24
GR	139	Max WS	TR200_D400	377.10	85.09	90.31		90.43	0.000503	1.52	248.18	64.20	0.24
GR	139	Max WS	TR200_D500	382.44	85.09	90.34		90.46	0.000507	1.53	249.98	64.43	0.24
GR	139	Max WS	TR200_D550	381.57	85.09	90.33		90.45	0.000506	1.53	249.70	64.39	0.24
GR	139	Max WS	TR200_D600	378.44	85.09	90.32		90.44	0.000504	1.52	248.67	64.26	0.24
GR	139	Max WS	TR200_D650	374.40	85.09	90.30		90.41	0.000500	1.51	247.33	64.10	0.24
GR	139	Max WS	TR200_D700	369.70	85.09	90.27		90.38	0.000496	1.50	245.72	63.90	0.24
GR	138.6	Max WS	TR200_D450	380.92	85.09	90.33		90.44	0.000463	1.46	260.39	64.37	0.23
GR	138.6	Max WS	TR200_D350	371.14	85.09	90.28		90.39	0.000456	1.44	257.01	63.97	0.23
GR	138.6	Max WS	TR200_D400	377.09	85.09	90.31		90.42	0.000460	1.46	259.04	64.21	0.23
GR	138.6	Max WS	TR200_D500	382.44	85.09	90.34		90.45	0.000464	1.47	260.92	64.43	0.23
GR	138.6	Max WS	TR200_D550	381.58	85.09	90.34		90.44	0.000464	1.46	260.63	64.40	0.23
GR	138.6	Max WS	TR200_D600	378.44	85.09	90.32		90.43	0.000461	1.46	259.55	64.27	0.23
GR	138.6	Max WS	TR200_D650	374.39	85.09	90.30		90.40	0.000458	1.45	258.12	64.10	0.23
GR	138.6	Max WS	TR200_D700	369.70	85.09	90.27		90.38	0.000455	1.44	256.46	63.90	0.23
GR	138.5		Lat Struct										
GR	138	Max WS	TR200_D450	375.31	84.79	89.95		90.55	0.002748	3.45	108.94	26.90	0.55
GR	138	Max WS	TR200_D350	366.20	84.79	89.90		90.49	0.002717	3.40	107.57	26.90	0.54
GR	138	Max WS	TR200_D400	371.76	84.79	89.93		90.53	0.002736	3.43	108.41	26.90	0.55
GR	138	Max WS	TR200_D500	376.72	84.79	89.96		90.56	0.002753	3.45	109.15	26.90	0.55
GR	138	Max WS	TR200_D550	375.92	84.79	89.95		90.56	0.002750	3.45	109.04	26.90	0.55
GR	138	Max WS	TR200_D600	373.01	84.79	89.94		90.54	0.002740	3.43	108.60	26.90	0.55

HEC-RAS River: Greve Reach: GR 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
GR	138	Max WS	TR200_D650	369.25	84.79	89.92		90.51	0.002727	3.42	108.04	26.90	0.54
GR	138	Max WS	TR200_D700	364.87	84.79	89.89		90.48	0.002713	3.40	107.37	26.90	0.54
GR	137.2	Max WS	TR200_D450	370.72	84.71	89.49		89.88	0.001714	2.77	133.86	33.55	0.44
GR	137.2	Max WS	TR200_D350	362.02	84.71	89.44		89.83	0.001689	2.73	132.42	33.54	0.44
GR	137.2	Max WS	TR200_D400	367.31	84.71	89.47		89.86	0.001704	2.76	133.28	33.54	0.44
GR	137.2	Max WS	TR200_D500	372.06	84.71	89.49		89.89	0.001718	2.78	134.07	33.55	0.44
GR	137.2	Max WS	TR200_D550	371.30	84.71	89.49		89.88	0.001716	2.77	133.95	33.55	0.44
GR	137.2	Max WS	TR200_D600	368.55	84.71	89.48		89.87	0.001707	2.76	133.51	33.54	0.44
GR	137.2	Max WS	TR200_D650	364.95	84.71	89.46		89.84	0.001697	2.75	132.91	33.54	0.44
GR	137.2	Max WS	TR200_D700	360.74	84.71	89.44		89.82	0.001686	2.73	132.19	33.54	0.44
GR	137	Max WS	TR200_D450	370.72	84.71	89.44	87.86	89.90	0.002122	3.02	122.60	33.54	0.49
GR	137	Max WS	TR200_D350	362.02	84.71	89.39	87.81	89.85	0.002092	2.99	121.27	33.53	0.49
GR	137	Max WS	TR200_D400	367.32	84.71	89.42	87.84	89.88	0.002110	3.01	122.08	33.53	0.49
GR	137	Max WS	TR200_D500	372.06	84.71	89.44	87.86	89.91	0.002126	3.03	122.81	33.54	0.49
GR	137	Max WS	TR200_D550	371.29	84.71	89.44	87.86	89.91	0.002123	3.03	122.70	33.54	0.49
GR	137	Max WS	TR200_D600	368.55	84.71	89.43	87.85	89.89	0.002114	3.01	122.28	33.53	0.49
GR	137	Max WS	TR200_D650	364.95	84.71	89.41	87.83	89.87	0.002102	3.00	121.73	33.53	0.49
GR	137	Max WS	TR200_D700	360.75	84.71	89.39	87.80	89.84	0.002088	2.98	121.06	33.53	0.49
GR	136		Bridge										
GR	135	Max WS	TR200_D450	370.72	84.50	89.44		89.87	0.001911	2.92	126.83	33.51	0.47
GR	135	Max WS	TR200_D350	362.03	84.50	89.39		89.82	0.001882	2.88	125.50	33.51	0.46
GR	135	Max WS	TR200_D400	367.31	84.50	89.42		89.85	0.001899	2.91	126.31	33.51	0.46
GR	135	Max WS	TR200_D500	372.06	84.50	89.44		89.88	0.001915	2.93	127.04	33.52	0.47
GR	135	Max WS	TR200_D550	371.29	84.50	89.44		89.87	0.001912	2.93	126.93	33.51	0.47
GR	135	Max WS	TR200_D600	368.54	84.50	89.42		89.86	0.001903	2.91	126.52	33.51	0.46
GR	135	Max WS	TR200_D650	364.96	84.50	89.41		89.84	0.001891	2.90	125.96	33.51	0.46
GR	135	Max WS	TR200_D700	360.75	84.50	89.39		89.81	0.001877	2.88	125.29	33.51	0.46
GR	134.9		Lat Struct										
GR	134.85		Lat Struct										
GR	134.8	Max WS	TR200_D450	370.71	84.50	89.44		89.81	0.001618	2.72	136.23	33.51	0.43
GR	134.8	Max WS	TR200_D350	362.02	84.50	89.39		89.76	0.001592	2.69	134.83	33.51	0.43
GR	134.8	Max WS	TR200_D400	367.31	84.50	89.42		89.79	0.001607	2.71	135.68	33.51	0.43
GR	134.8	Max WS	TR200_D500	372.07	84.50	89.44		89.82	0.001621	2.73	136.45	33.52	0.43
GR	134.8	Max WS	TR200_D550	371.29	84.50	89.44		89.82	0.001619	2.72	136.33	33.51	0.43
GR	134.8	Max WS	TR200_D600	368.55	84.50	89.43		89.80	0.001611	2.71	135.90	33.51	0.43
GR	134.8	Max WS	TR200_D650	364.95	84.50	89.41		89.78	0.001600	2.70	135.32	33.51	0.43
GR	134.8	Max WS	TR200_D700	360.72	84.50	89.39		89.75	0.001588	2.68	134.61	33.51	0.43
GR	134	Max WS	TR200_D450	365.83	84.18	89.16		89.61	0.002562	2.97	123.38	38.28	0.53
GR	134	Max WS	TR200_D350	358.24	84.18	89.12		89.56	0.002559	2.94	121.78	38.28	0.53
GR	134	Max WS	TR200_D400	362.88	84.18	89.15		89.59	0.002562	2.96	122.75	38.28	0.53
GR	134	Max WS	TR200_D500	367.00	84.18	89.17		89.62	0.002563	2.97	123.62	38.28	0.53
GR	134	Max WS	TR200_D550	366.34	84.18	89.17		89.62	0.002562	2.97	123.50	38.28	0.53
GR	134	Max WS	TR200_D600	363.96	84.18	89.15		89.60	0.002561	2.96	122.99	38.28	0.53
GR	134	Max WS	TR200_D650	360.83	84.18	89.14		89.58	0.002560	2.95	122.33	38.28	0.53
GR	134	Max WS	TR200_D700	357.08	84.18	89.12		89.56	0.002559	2.94	121.54	38.28	0.53
GR	133	Max WS	TR200_D450	352.69	84.19	88.96		89.41	0.002435	3.00	117.68	33.97	0.51
GR	133	Max WS	TR200_D350	345.57	84.19	88.91		89.37	0.002426	2.97	116.28	33.97	0.51
GR	133	Max WS	TR200_D400	349.90	84.19	88.94		89.39	0.002431	2.99	117.13	33.97	0.51
GR	133	Max WS	TR200_D500	353.80	84.19	88.96		89.42	0.002437	3.00	117.89	33.97	0.51
GR	133	Max WS	TR200_D550	353.19	84.19	88.96		89.42	0.002436	3.00	117.77	33.97	0.51
GR	133	Max WS	TR200_D600	350.98	84.19	88.95		89.40	0.002433	2.99	117.34	33.97	0.51
GR	133	Max WS	TR200_D650	348.02	84.19	88.93		89.38	0.002429	2.98	116.76	33.97	0.51
GR	133	Max WS	TR200_D700	344.48	84.19	88.91		89.36	0.002424	2.97	116.06	33.97	0.51
GR	132	Max WS	TR200_D450	349.58	84.34	88.89	87.45	89.14	0.001603	2.22	157.73	52.98	0.41
GR	132	Max WS	TR200_D350	342.93	84.34	88.85	87.43	89.10	0.001612	2.20	155.59	52.98	0.41
GR	132	Max WS	TR200_D400	346.97	84.34	88.87	87.44	89.12	0.001606	2.21	156.89	52.98	0.41
GR	132	Max WS	TR200_D500	350.61	84.34	88.90	87.45	89.15	0.001602	2.22	158.06	52.98	0.41
GR	132	Max WS	TR200_D550	350.05	84.34	88.89	87.45	89.14	0.001603	2.22	157.88	52.98	0.41
GR	132	Max WS	TR200_D600	347.99	84.34	88.88	87.44	89.13	0.001605	2.21	157.22	52.98	0.41
GR	132	Max WS	TR200_D650	345.22	84.34	88.86	87.43	89.11	0.001609	2.21	156.33	52.98	0.41
GR	132	Max WS	TR200_D700	341.91	84.34	88.84	87.42	89.09	0.001613	2.20	155.26	52.98	0.41
GR	131.5		Inl Struct										
GR	131	Max WS	TR200_D450	349.53	82.21	87.50		87.65	0.000921	1.71	204.55	67.91	0.31
GR	131	Max WS	TR200_D350	342.88	82.21	87.47		87.61	0.000922	1.70	202.11	67.91	0.31
GR	131	Max WS	TR200_D400	346.93	82.21	87.49		87.64	0.000922	1.70	203.58	67.91	0.31
GR	131	Max WS	TR200_D500	350.55	82.21	87.51		87.66	0.000921	1.71	204.97	67.91	0.31
GR	131	Max WS	TR200_D550	350.03	82.21	87.51		87.65	0.000920	1.71	204.82	67.91	0.31
GR	131	Max WS	TR200_D600	347.98	82.21	87.50		87.64	0.000919	1.70	204.16	67.91	0.31
GR	131	Max WS	TR200_D650	345.16	82.21	87.48		87.63	0.000917	1.70	203.27	67.91	0.31
GR	131	Max WS	TR200_D700	341.65	82.21	87.47		87.61	0.000912	1.69	202.32	67.91	0.31
GR	130	Max WS	TR200_D450	365.88	81.49	87.27		87.66	0.002362	2.75	133.03	44.87	0.51
GR	130	Max WS	TR200_D350	358.69	81.49	87.24		87.62	0.002352	2.73	131.46	44.74	0.51
GR	130	Max WS	TR200_D400	363.07	81.49	87.26		87.64	0.002359	2.74	132.40	44.82	0.51
GR	130	Max WS	TR200_D500	366.97	81.49	87.28		87.66	0.002362	2.75	133.30	44.90	0.51
GR	130	Max WS	TR200_D550	366.40	81.49	87.28		87.66	0.002359	2.75	133.22	44.89	0.51
GR	130	Max WS	TR200_D600	364.19	81.49	87.27		87.65	0.002353	2.74	132.78	44.85	0.51
GR	130	Max WS	TR200_D650	361.12	81.49	87.25		87.63	0.002343	2.73	132.22	44.80	0.51
GR	130	Max WS	TR200_D700	357.27	81.49	87.24		87.62	0.002324	2.71	131.64	44.75	0.51
GR	129	Max WS	TR200_D450	347.44	81.38	87.00		87.78	0.006459	3.90	89.20	35.38	0.78
GR	129	Max WS	TR200_D350	341.14	81.38	86.97		87.73	0.006522	3.88	87.91	35.38	0.79
GR	129	Max WS	TR200_D400	344.93	81.38	86.99		87.76	0.006485	3.89	88.68	35.38	0.78
GR	129	Max WS	TR200_D500	348.44	81.38	87.01		87.78	0.006442	3.90	89.44	35.38	0.78
GR	129	Max WS	TR200_D550	348.07	81.38	87.01		87.78	0.006445	3.90	89.36	35.38	0.78
GR	129	Max WS	TR200_D600	346.37	81.38	87.00		87.77	0.006464	3.89	89.01	35.38	0.78

HEC-RAS River: Greve Reach: GR 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
GR	129	Max WS	TR200_D650	344.17	81.38	86.98		87.75	0.006488	3.89	88.54	35.38	0.78
GR	129	Max WS	TR200_D700	341.96	81.38	86.97		87.74	0.006518	3.88	88.06	35.38	0.79
GR	128	Max WS	TR200_D450	353.73	81.39	86.69		87.07	0.003144	2.73	129.81	54.15	0.56
GR	128	Max WS	TR200_D350	347.73	81.39	86.65		87.03	0.003197	2.72	127.78	54.15	0.57
GR	128	Max WS	TR200_D400	351.35	81.39	86.67		87.05	0.003166	2.72	128.98	54.15	0.56
GR	128	Max WS	TR200_D500	354.61	81.39	86.69		87.07	0.003130	2.72	130.19	54.15	0.56
GR	128	Max WS	TR200_D550	354.28	81.39	86.69		87.07	0.003133	2.72	130.07	54.15	0.56
GR	128	Max WS	TR200_D600	352.72	81.39	86.68		87.06	0.003150	2.72	129.50	54.15	0.56
GR	128	Max WS	TR200_D650	350.63	81.39	86.67		87.05	0.003170	2.72	128.77	54.15	0.56
GR	128	Max WS	TR200_D700	348.45	81.39	86.65		87.03	0.003192	2.72	127.99	54.15	0.57
GR	127	Max WS	TR200_D450	331.85	81.33	86.53		86.80	0.001814	2.30	144.28	51.09	0.44
GR	127	Max WS	TR200_D350	326.96	81.33	86.49		86.76	0.001847	2.30	142.15	51.09	0.44
GR	127	Max WS	TR200_D400	329.96	81.33	86.52		86.79	0.001828	2.30	143.42	51.09	0.44
GR	127	Max WS	TR200_D500	332.50	81.33	86.54		86.81	0.001805	2.30	144.69	51.09	0.44
GR	127	Max WS	TR200_D550	332.19	81.33	86.54		86.81	0.001806	2.30	144.56	51.09	0.44
GR	127	Max WS	TR200_D600	331.01	81.33	86.53		86.80	0.001818	2.30	143.95	51.09	0.44
GR	127	Max WS	TR200_D650	329.22	81.33	86.51		86.78	0.001829	2.30	143.19	51.09	0.44
GR	127	Max WS	TR200_D700	327.21	81.33	86.50		86.76	0.001840	2.30	142.38	51.09	0.44
GR	126	Max WS	TR200_D450	325.84	80.89	86.47		86.71	0.001334	2.16	150.97	46.27	0.38
GR	126	Max WS	TR200_D350	320.83	80.89	86.43		86.66	0.001335	2.15	149.02	45.87	0.38
GR	126	Max WS	TR200_D400	323.96	80.89	86.45		86.69	0.001336	2.16	150.17	46.11	0.38
GR	126	Max WS	TR200_D500	326.59	80.89	86.48		86.71	0.001332	2.16	151.35	46.35	0.38
GR	126	Max WS	TR200_D550	326.26	80.89	86.47		86.71	0.001332	2.16	151.24	46.33	0.38
GR	126	Max WS	TR200_D600	324.98	80.89	86.46		86.70	0.001334	2.16	150.67	46.21	0.38
GR	126	Max WS	TR200_D650	323.15	80.89	86.45		86.68	0.001333	2.15	149.98	46.07	0.38
GR	126	Max WS	TR200_D700	321.02	80.89	86.43		86.67	0.001332	2.15	149.24	45.91	0.38
GR	125	Max WS	TR200_D450	334.14	81.22	86.42		86.61	0.001125	1.94	172.62	56.07	0.35
GR	125	Max WS	TR200_D350	328.55	81.22	86.38		86.57	0.001137	1.93	170.25	56.07	0.35
GR	125	Max WS	TR200_D400	332.05	81.22	86.40		86.59	0.001132	1.93	171.65	56.07	0.35
GR	125	Max WS	TR200_D500	335.06	81.22	86.43		86.62	0.001122	1.94	173.09	56.07	0.35
GR	125	Max WS	TR200_D550	334.64	81.22	86.42		86.62	0.001122	1.93	172.95	56.07	0.35
GR	125	Max WS	TR200_D600	333.26	81.22	86.41		86.60	0.001127	1.93	172.27	56.07	0.35
GR	125	Max WS	TR200_D650	331.16	81.22	86.40		86.59	0.001130	1.93	171.43	56.07	0.35
GR	125	Max WS	TR200_D700	328.77	81.22	86.38		86.57	0.001133	1.93	170.52	56.07	0.35
GR	124	Max WS	TR200_D450	340.50	81.08	86.32		86.59	0.001897	2.29	148.97	56.90	0.45
GR	124	Max WS	TR200_D350	334.60	81.08	86.28		86.54	0.001926	2.28	146.54	56.74	0.45
GR	124	Max WS	TR200_D400	338.31	81.08	86.30		86.57	0.001911	2.29	147.98	56.83	0.45
GR	124	Max WS	TR200_D500	341.57	81.08	86.33		86.59	0.001890	2.29	149.45	56.93	0.45
GR	124	Max WS	TR200_D550	341.14	81.08	86.33		86.59	0.001890	2.28	149.31	56.92	0.45
GR	124	Max WS	TR200_D600	339.64	81.08	86.31		86.58	0.001901	2.29	148.60	56.87	0.45
GR	124	Max WS	TR200_D650	337.46	81.08	86.30		86.56	0.001911	2.28	147.74	56.82	0.45
GR	124	Max WS	TR200_D700	334.91	81.08	86.28		86.55	0.001918	2.28	146.84	56.76	0.45
GR	123	Max WS	TR200_D450	330.00	80.50	86.21		86.54	0.002070	2.54	129.85	42.69	0.47
GR	123	Max WS	TR200_D350	325.03	80.50	86.17		86.50	0.002102	2.54	127.96	42.64	0.47
GR	123	Max WS	TR200_D400	328.29	80.50	86.20		86.53	0.002087	2.54	129.07	42.67	0.47
GR	123	Max WS	TR200_D500	331.04	80.50	86.22		86.55	0.002065	2.54	130.21	42.70	0.46
GR	123	Max WS	TR200_D550	330.69	80.50	86.22		86.55	0.002066	2.54	130.11	42.70	0.46
GR	123	Max WS	TR200_D600	329.51	80.50	86.21		86.54	0.002079	2.54	129.55	42.69	0.47
GR	123	Max WS	TR200_D650	327.82	80.50	86.19		86.52	0.002093	2.54	128.85	42.66	0.47
GR	123	Max WS	TR200_D700	325.71	80.50	86.17		86.50	0.002101	2.54	128.15	42.64	0.47
GR	122	Max WS	TR200_D450	306.09	80.17	86.12		86.39	0.001620	2.30	132.99	42.46	0.42
GR	122	Max WS	TR200_D350	302.20	80.17	86.08		86.35	0.001656	2.31	130.98	42.40	0.42
GR	122	Max WS	TR200_D400	304.88	80.17	86.10		86.38	0.001640	2.31	132.14	42.43	0.42
GR	122	Max WS	TR200_D500	306.96	80.17	86.13		86.40	0.001615	2.30	133.38	42.47	0.41
GR	122	Max WS	TR200_D550	306.67	80.17	86.13		86.40	0.001616	2.30	133.28	42.47	0.41
GR	122	Max WS	TR200_D600	305.84	80.17	86.12		86.39	0.001630	2.31	132.66	42.45	0.42
GR	122	Max WS	TR200_D650	304.84	80.17	86.10		86.37	0.001649	2.31	131.88	42.43	0.42
GR	122	Max WS	TR200_D700	303.11	80.17	86.08		86.35	0.001659	2.31	131.14	42.41	0.42
GR	121	Max WS	TR200_D450	291.54	80.12	86.04		86.36	0.001672	2.51	116.01	30.38	0.41
GR	121	Max WS	TR200_D350	287.68	80.12	86.00		86.32	0.001691	2.51	114.58	30.38	0.41
GR	121	Max WS	TR200_D400	290.25	80.12	86.02		86.35	0.001684	2.52	115.40	30.38	0.41
GR	121	Max WS	TR200_D500	292.41	80.12	86.05		86.37	0.001670	2.51	116.28	30.38	0.41
GR	121	Max WS	TR200_D550	292.02	80.12	86.05		86.37	0.001669	2.51	116.21	30.38	0.41
GR	121	Max WS	TR200_D600	291.20	80.12	86.03		86.36	0.001679	2.52	115.77	30.38	0.41
GR	121	Max WS	TR200_D650	289.02	80.12	86.02		86.34	0.001671	2.51	115.37	30.38	0.41
GR	121	Max WS	TR200_D700	287.36	80.12	86.00		86.32	0.001676	2.50	114.85	30.38	0.41
GR	120	Max WS	TR200_D450	283.86	80.27	86.01		86.19	0.001159	1.87	151.67	50.94	0.35
GR	120	Max WS	TR200_D350	279.28	80.27	85.96		86.14	0.001182	1.87	149.18	50.94	0.35
GR	120	Max WS	TR200_D400	282.39	80.27	85.99		86.17	0.001173	1.88	150.58	50.94	0.35
GR	120	Max WS	TR200_D500	285.05	80.27	86.02		86.20	0.001158	1.87	152.10	50.94	0.35
GR	120	Max WS	TR200_D550	284.64	80.27	86.02		86.20	0.001158	1.87	151.98	50.94	0.35
GR	120	Max WS	TR200_D600	283.57	80.27	86.00		86.18	0.001167	1.88	151.22	50.94	0.35
GR	120	Max WS	TR200_D650	283.36	80.27	85.98		86.16	0.001194	1.89	150.10	50.94	0.35
GR	120	Max WS	TR200_D700	281.52	80.27	85.96		86.15	0.001201	1.89	149.20	50.94	0.35
GR	119	Max WS	TR200_D450	263.98	80.17	85.97		86.14	0.001089	1.81	145.47	48.13	0.33
GR	119	Max WS	TR200_D350	259.48	80.17	85.93		86.09	0.001108	1.81	143.10	48.13	0.34
GR	119	Max WS	TR200_D400	262.46	80.17	85.95		86.12	0.001101	1.82	144.43	48.13	0.33
GR	119	Max WS	TR200_D500	264.96	80.17	85.98		86.15	0.001086	1.82	145.90	48.13	0.33
GR	119	Max WS	TR200_D550	264.55	80.17	85.98		86.15	0.001086	1.81	145.80	48.13	0.33
GR	119	Max WS	TR200_D600	263.59	80.17	85.97		86.13	0.001096	1.82	145.05	48.13	0.33
GR	119	Max WS	TR200_D650	261.15	80.17	85.95		86.12	0.001088	1.81	144.51	48.13	0.33
GR	119	Max WS	TR200_D700	259.26	80.17	85.94		86.10	0.001093	1.80	143.64	48.13	0.33
GR	118	Max WS	TR200_D450	238.13	81.20	85.90		86.13	0.001418	2.13	111.76	35.68	0.38
GR	118	Max WS	TR200_D350	233.50	81.20	85.85		86.08	0.001432	2.12	110.02	35.68	0.39
GR	118	Max WS	TR200_D400	236.37	81.20	85.88		86.11	0.001428	2.13	111.00	35.68	0.39
GR	118	Max WS	TR200_D500	238.87	81.20	85.91		86.14	0.001414	2.13	112.09	35.68	0.38
GR	118	Max WS	TR200_D550	238.57	81.20	85.91		86.14	0.001414	2.13	112.01	35.68	0.38

HEC-RAS River: Greve Reach: GR 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
GR	118	Max WS	TR200_D600	237.52	81.20	85.89		86.12	0.001423	2.13	111.45	35.68	0.39
GR	118	Max WS	TR200_D650	236.35	81.20	85.87		86.11	0.001433	2.13	110.86	35.68	0.39
GR	118	Max WS	TR200_D700	234.74	81.20	85.86		86.09	0.001440	2.13	110.20	35.68	0.39
GR	117	Max WS	TR200_D450	232.79	81.69	85.91	84.17	86.09	0.001152	1.87	124.34	42.77	0.35
GR	117	Max WS	TR200_D350	228.90	81.69	85.86	84.15	86.04	0.001165	1.87	122.38	42.54	0.35
GR	117	Max WS	TR200_D400	231.79	81.69	85.89	84.17	86.07	0.001163	1.88	123.55	42.68	0.35
GR	117	Max WS	TR200_D500	234.07	81.69	85.92	84.18	86.10	0.001150	1.87	124.92	42.84	0.35
GR	117	Max WS	TR200_D550	233.91	81.69	85.92	84.18	86.10	0.001151	1.87	124.79	42.83	0.35
GR	117	Max WS	TR200_D600	232.89	81.69	85.90	84.17	86.08	0.001159	1.88	124.11	42.75	0.35
GR	117	Max WS	TR200_D650	231.32	81.69	85.89	84.16	86.07	0.001163	1.87	123.38	42.66	0.35
GR	117	Max WS	TR200_D700	230.60	81.69	85.86	84.16	86.05	0.001180	1.88	122.46	42.55	0.35
GR	116.5			Inl Struct									
GR	116	Max WS	TR200_D450	232.79	79.11	85.67		85.79	0.000613	1.54	151.18	40.74	0.26
GR	116	Max WS	TR200_D350	228.89	79.11	85.61		85.74	0.000619	1.54	149.07	40.74	0.26
GR	116	Max WS	TR200_D400	231.76	79.11	85.64		85.76	0.000620	1.54	150.15	40.74	0.26
GR	116	Max WS	TR200_D500	234.01	79.11	85.68		85.80	0.000612	1.54	151.76	40.74	0.26
GR	116	Max WS	TR200_D550	233.80	79.11	85.68		85.80	0.000613	1.54	151.60	40.74	0.26
GR	116	Max WS	TR200_D600	232.82	79.11	85.66		85.78	0.000618	1.54	150.77	40.74	0.26
GR	116	Max WS	TR200_D650	231.31	79.11	85.64		85.76	0.000620	1.54	150.01	40.74	0.26
GR	116	Max WS	TR200_D700	228.91	79.11	85.62		85.74	0.000618	1.53	149.14	40.74	0.26
GR	115	Max WS	TR200_D450	263.79	79.35	85.59		85.76	0.000793	1.82	144.81	36.36	0.29
GR	115	Max WS	TR200_D350	259.45	79.35	85.53		85.70	0.000802	1.82	142.71	36.36	0.29
GR	115	Max WS	TR200_D400	262.19	79.35	85.56		85.73	0.000801	1.82	143.77	36.36	0.29
GR	115	Max WS	TR200_D500	265.45	79.35	85.60		85.77	0.000798	1.83	145.06	36.36	0.29
GR	115	Max WS	TR200_D550	264.32	79.35	85.60		85.77	0.000790	1.82	145.13	36.36	0.29
GR	115	Max WS	TR200_D600	263.18	79.35	85.58		85.75	0.000797	1.82	144.36	36.36	0.29
GR	115	Max WS	TR200_D650	262.15	79.35	85.55		85.72	0.000805	1.83	143.49	36.36	0.29
GR	115	Max WS	TR200_D700	259.61	79.35	85.54		85.71	0.000798	1.82	142.97	36.36	0.29
GR	114	Max WS	TR200_D450	317.97	78.88	85.35		85.66	0.001608	2.47	128.66	33.85	0.40
GR	114	Max WS	TR200_D350	310.91	78.88	85.30		85.61	0.001599	2.45	127.03	33.85	0.40
GR	114	Max WS	TR200_D400	316.00	78.88	85.32		85.63	0.001622	2.47	127.76	33.85	0.41
GR	114	Max WS	TR200_D500	317.76	78.88	85.36		85.67	0.001587	2.46	129.15	33.85	0.40
GR	114	Max WS	TR200_D550	318.79	78.88	85.36		85.67	0.001604	2.47	128.96	33.85	0.40
GR	114	Max WS	TR200_D600	317.42	78.88	85.34		85.65	0.001618	2.48	128.25	33.85	0.41
GR	114	Max WS	TR200_D650	314.20	78.88	85.32		85.63	0.001606	2.46	127.72	33.85	0.40
GR	114	Max WS	TR200_D700	312.53	78.88	85.30		85.61	0.001613	2.46	127.08	33.85	0.41
GR	113	Max WS	TR200_D450	317.56	78.36	85.28		85.57	0.001228	2.39	132.95	27.68	0.35
GR	113	Max WS	TR200_D350	313.49	78.36	85.23		85.52	0.001236	2.38	131.53	27.68	0.35
GR	113	Max WS	TR200_D400	316.24	78.36	85.25		85.54	0.001240	2.39	132.16	27.68	0.35
GR	113	Max WS	TR200_D500	321.20	78.36	85.29		85.59	0.001248	2.41	133.24	27.68	0.35
GR	113	Max WS	TR200_D550	318.52	78.36	85.29		85.58	0.001228	2.39	133.22	27.68	0.35
GR	113	Max WS	TR200_D600	317.46	78.36	85.27		85.56	0.001238	2.39	132.58	27.68	0.35
GR	113	Max WS	TR200_D650	317.41	78.36	85.25		85.54	0.001253	2.40	132.03	27.68	0.35
GR	113	Max WS	TR200_D700	312.54	78.36	85.23		85.52	0.001225	2.37	131.64	27.68	0.35
GR	112	Max WS	TR200_D450	302.82	78.78	85.15		85.62	0.002536	3.03	99.83	26.36	0.50
GR	112	Max WS	TR200_D350	298.99	78.78	85.09		85.56	0.002579	3.04	98.45	26.36	0.50
GR	112	Max WS	TR200_D400	302.33	78.78	85.12		85.59	0.002591	3.05	99.03	26.36	0.50
GR	112	Max WS	TR200_D500	303.90	78.78	85.16		85.63	0.002528	3.03	100.18	26.36	0.50
GR	112	Max WS	TR200_D550	302.77	78.78	85.16		85.62	0.002518	3.03	100.07	26.36	0.50
GR	112	Max WS	TR200_D600	303.18	78.78	85.13		85.61	0.002572	3.05	99.46	26.36	0.50
GR	112	Max WS	TR200_D650	302.10	78.78	85.11		85.59	0.002591	3.05	98.98	26.36	0.50
GR	112	Max WS	TR200_D700	299.34	78.78	85.10		85.57	0.002579	3.04	98.52	26.36	0.50
GR	111	Max WS	TR200_D450	342.60	78.28	84.78		85.28	0.002842	3.14	109.02	30.67	0.53
GR	111	Max WS	TR200_D350	338.91	78.28	84.72		85.23	0.002929	3.16	107.21	30.67	0.54
GR	111	Max WS	TR200_D400	342.10	78.28	84.74		85.26	0.002922	3.17	107.95	30.67	0.54
GR	111	Max WS	TR200_D500	343.20	78.28	84.79		85.29	0.002821	3.14	109.41	30.67	0.53
GR	111	Max WS	TR200_D550	342.77	78.28	84.79		85.29	0.002818	3.13	109.36	30.67	0.53
GR	111	Max WS	TR200_D600	342.79	78.28	84.76		85.27	0.002889	3.16	108.49	30.67	0.54
GR	111	Max WS	TR200_D650	340.92	78.28	84.74		85.25	0.002911	3.16	107.83	30.67	0.54
GR	111	Max WS	TR200_D700	339.65	78.28	84.72		85.24	0.002932	3.16	107.32	30.67	0.54
GR	110	Max WS	TR200_D450	357.55	78.53	84.53	82.09	84.76	0.000799	2.10	169.92	56.31	0.31
GR	110	Max WS	TR200_D350	353.69	78.53	84.47	82.07	84.69	0.000821	2.11	167.44	56.12	0.32
GR	110	Max WS	TR200_D400	356.01	78.53	84.49	82.08	84.72	0.000818	2.12	168.25	56.18	0.32
GR	110	Max WS	TR200_D500	358.59	78.53	84.55	82.09	84.77	0.000795	2.10	170.43	56.35	0.31
GR	110	Max WS	TR200_D550	358.30	78.53	84.54	82.09	84.77	0.000795	2.10	170.36	56.35	0.31
GR	110	Max WS	TR200_D600	358.20	78.53	84.51	82.09	84.74	0.000815	2.12	169.07	56.25	0.32
GR	110	Max WS	TR200_D650	355.53	78.53	84.49	82.08	84.71	0.000817	2.11	168.19	56.18	0.32
GR	110	Max WS	TR200_D700	354.50	78.53	84.47	82.07	84.70	0.000823	2.12	167.54	56.13	0.32
GR	109			Bridge									
GR	108	Max WS	TR200_D450	357.55	78.87	84.51		84.74	0.000834	2.13	167.77	55.00	0.32
GR	108	Max WS	TR200_D350	353.92	78.87	84.44		84.67	0.000860	2.14	165.20	54.92	0.33
GR	108	Max WS	TR200_D400	356.01	78.87	84.46		84.70	0.000856	2.14	166.04	54.94	0.33
GR	108	Max WS	TR200_D500	358.59	78.87	84.52		84.75	0.000830	2.13	168.29	55.01	0.32
GR	108	Max WS	TR200_D550	358.30	78.87	84.52		84.75	0.000830	2.13	168.22	55.01	0.32
GR	108	Max WS	TR200_D600	358.20	78.87	84.48		84.72	0.000852	2.15	166.88	54.97	0.33
GR	108	Max WS	TR200_D650	355.52	78.87	84.46		84.69	0.000855	2.14	165.98	54.94	0.33
GR	108	Max WS	TR200_D700	354.50	78.87	84.44		84.68	0.000861	2.14	165.31	54.92	0.33
GR	107.9			Lat Struct									
GR	107.7			Lat Struct									
GR	107	Max WS	TR200_D450	348.80	78.66	84.50	81.96	84.70	0.000688	2.00	174.72	55.03	0.30
GR	107	Max WS	TR200_D350	346.60	78.66	84.43	81.95	84.64	0.000713	2.01	172.21	54.96	0.30
GR	107	Max WS	TR200_D400	347.28	78.66	84.45	81.95	84.66	0.000706	2.01	172.97	54.98	0.30
GR	107	Max WS	TR200_D500	349.63	78.66	84.51	81.96	84.72	0.000684	1.99	175.32	55.05	0.30
GR	107	Max WS	TR200_D550	350.59	78.66	84.51	81.96	84.71	0.000689	2.00	175.23	55.05	0.30

HEC-RAS River: Greve Reach: GR 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
GR	107	Max WS	TR200_D600	349.60	78.66	84.47	81.96	84.68	0.000704	2.01	173.82	55.01	0.30
GR	107	Max WS	TR200_D650	346.75	78.66	84.45	81.95	84.66	0.000704	2.01	172.91	54.98	0.30
GR	107	Max WS	TR200_D700	347.05	78.66	84.43	81.95	84.64	0.000714	2.01	172.31	54.96	0.30
GR	106		Bridge										
GR	105	Max WS	TR200_D450	348.80	78.09	84.47		84.67	0.000701	1.99	175.21	52.79	0.30
GR	105	Max WS	TR200_D350	346.60	78.09	84.41		84.62	0.000724	2.00	172.87	52.62	0.30
GR	105	Max WS	TR200_D400	347.28	78.09	84.43		84.63	0.000717	2.00	173.59	52.67	0.30
GR	105	Max WS	TR200_D500	349.17	78.09	84.48		84.68	0.000698	1.99	175.57	52.82	0.30
GR	105	Max WS	TR200_D550	349.12	78.09	84.48		84.68	0.000699	1.99	175.52	52.81	0.30
GR	105	Max WS	TR200_D600	349.60	78.09	84.45		84.66	0.000715	2.00	174.41	52.73	0.30
GR	105	Max WS	TR200_D650	346.75	78.09	84.43		84.63	0.000716	2.00	173.55	52.67	0.30
GR	105	Max WS	TR200_D700	347.05	78.09	84.41		84.62	0.000725	2.01	172.95	52.63	0.30
GR	104.9		Lat Struct										
GR	104.85		Lat Struct										
GR	104.83*	Max WS	TR200_D450	343.35	78.10	84.49		84.64	0.000638	1.75	196.13	43.79	0.26
GR	104.83*	Max WS	TR200_D350	341.46	78.10	84.43		84.58	0.000659	1.77	193.45	43.79	0.27
GR	104.83*	Max WS	TR200_D400	341.99	78.10	84.44		84.60	0.000652	1.76	194.27	43.79	0.27
GR	104.83*	Max WS	TR200_D500	343.79	78.10	84.50		84.65	0.000635	1.75	196.57	43.79	0.26
GR	104.83*	Max WS	TR200_D550	343.75	78.10	84.50		84.65	0.000636	1.75	196.51	43.79	0.26
GR	104.83*	Max WS	TR200_D600	344.20	78.10	84.47		84.62	0.000651	1.76	195.21	43.79	0.27
GR	104.83*	Max WS	TR200_D650	341.41	78.10	84.44		84.60	0.000651	1.76	194.21	43.79	0.27
GR	104.83*	Max WS	TR200_D700	341.88	78.10	84.43		84.59	0.000659	1.77	193.54	43.79	0.27
GR	104.67*	Max WS	TR200_D450	327.49	78.11	84.49		84.67	0.000701	1.86	176.14	37.36	0.27
GR	104.67*	Max WS	TR200_D350	323.32	78.11	84.43		84.60	0.000712	1.86	173.81	37.36	0.28
GR	104.67*	Max WS	TR200_D400	323.53	78.11	84.45		84.62	0.000704	1.85	174.51	37.36	0.27
GR	104.67*	Max WS	TR200_D500	325.54	78.11	84.50		84.67	0.000688	1.84	176.51	37.36	0.27
GR	104.67*	Max WS	TR200_D550	326.65	78.11	84.50		84.67	0.000694	1.85	176.46	37.36	0.27
GR	104.67*	Max WS	TR200_D600	325.55	78.11	84.47		84.64	0.000703	1.86	175.32	37.36	0.27
GR	104.67*	Max WS	TR200_D650	323.00	78.11	84.44		84.62	0.000702	1.85	174.45	37.36	0.27
GR	104.67*	Max WS	TR200_D700	323.70	78.11	84.43		84.61	0.000712	1.86	173.89	37.36	0.28
GR	104.50*	Max WS	TR200_D450	332.22	78.12	84.45		84.66	0.000853	2.05	161.69	34.32	0.30
GR	104.50*	Max WS	TR200_D350	328.12	78.12	84.39		84.60	0.000866	2.06	159.54	34.32	0.30
GR	104.50*	Max WS	TR200_D400	328.37	78.12	84.40		84.62	0.000858	2.05	160.16	34.32	0.30
GR	104.50*	Max WS	TR200_D500	330.65	78.12	84.46		84.67	0.000839	2.04	162.05	34.32	0.30
GR	104.50*	Max WS	TR200_D550	331.70	78.12	84.46		84.67	0.000845	2.05	162.00	34.32	0.30
GR	104.50*	Max WS	TR200_D600	330.28	78.12	84.43		84.64	0.000855	2.05	160.91	34.32	0.30
GR	104.50*	Max WS	TR200_D650	327.83	78.12	84.40		84.62	0.000856	2.05	160.10	34.32	0.30
GR	104.50*	Max WS	TR200_D700	328.60	78.12	84.39		84.60	0.000868	2.06	159.61	34.32	0.30
GR	104.33*	Max WS	TR200_D450	327.30	78.13	84.39		84.64	0.001032	2.21	147.94	32.25	0.33
GR	104.33*	Max WS	TR200_D350	323.91	78.13	84.33		84.58	0.001054	2.22	145.89	32.25	0.33
GR	104.33*	Max WS	TR200_D400	324.04	78.13	84.35		84.60	0.001043	2.21	146.45	32.25	0.33
GR	104.33*	Max WS	TR200_D500	326.20	78.13	84.40		84.65	0.001017	2.20	148.30	32.25	0.33
GR	104.33*	Max WS	TR200_D550	327.15	78.13	84.40		84.65	0.001024	2.21	148.25	32.25	0.33
GR	104.33*	Max WS	TR200_D600	325.68	78.13	84.37		84.62	0.001038	2.21	147.18	32.25	0.33
GR	104.33*	Max WS	TR200_D650	323.51	78.13	84.34		84.59	0.001040	2.21	146.40	32.25	0.33
GR	104.33*	Max WS	TR200_D700	324.35	78.13	84.33		84.58	0.001056	2.22	145.94	32.25	0.33
GR	104.17*	Max WS	TR200_D450	317.72	78.15	84.28		84.63	0.001515	2.62	121.11	25.88	0.39
GR	104.17*	Max WS	TR200_D350	315.18	78.15	84.22		84.57	0.001552	2.64	119.50	25.88	0.39
GR	104.17*	Max WS	TR200_D400	315.25	78.15	84.23		84.59	0.001536	2.63	119.93	25.88	0.39
GR	104.17*	Max WS	TR200_D500	317.37	78.15	84.29		84.64	0.001501	2.61	121.42	25.88	0.39
GR	104.17*	Max WS	TR200_D550	316.90	78.15	84.29		84.64	0.001498	2.61	121.39	25.88	0.38
GR	104.17*	Max WS	TR200_D600	315.36	78.15	84.26		84.60	0.001515	2.62	120.52	25.88	0.39
GR	104.17*	Max WS	TR200_D650	314.73	78.15	84.23		84.58	0.001532	2.62	119.91	25.88	0.39
GR	104.17*	Max WS	TR200_D700	315.48	78.15	84.22		84.57	0.001553	2.64	119.55	25.88	0.39
GR	104	Max WS	TR200_D450	307.44	78.16	84.19		84.75	0.002656	3.29	93.53	19.47	0.48
GR	104	Max WS	TR200_D350	305.54	78.16	84.13		84.69	0.002720	3.31	92.36	19.47	0.49
GR	104	Max WS	TR200_D400	305.99	78.16	84.15		84.71	0.002703	3.30	92.66	19.47	0.48
GR	104	Max WS	TR200_D500	307.54	78.16	84.21		84.75	0.002641	3.28	93.74	19.47	0.48
GR	104	Max WS	TR200_D550	307.99	78.16	84.21		84.76	0.002649	3.29	93.73	19.47	0.48
GR	104	Max WS	TR200_D600	306.80	78.16	84.17		84.73	0.002679	3.29	93.11	19.47	0.48
GR	104	Max WS	TR200_D650	305.41	78.16	84.15		84.70	0.002693	3.30	92.65	19.47	0.48
GR	104	Max WS	TR200_D700	305.70	78.16	84.14		84.69	0.002721	3.31	92.39	19.47	0.49
GR	103	Max WS	TR200_D450	427.81	77.48	83.96		84.84	0.004167	4.15	102.97	22.72	0.62
GR	103	Max WS	TR200_D350	422.09	77.48	83.90		84.78	0.004227	4.16	101.54	22.72	0.63
GR	103	Max WS	TR200_D400	423.73	77.48	83.92		84.80	0.004214	4.16	101.91	22.72	0.63
GR	103	Max WS	TR200_D500	428.65	77.48	83.98		84.86	0.004151	4.15	103.24	22.72	0.62
GR	103	Max WS	TR200_D550	428.50	77.48	83.98		84.85	0.004150	4.15	103.23	22.72	0.62
GR	103	Max WS	TR200_D600	423.72	77.48	83.94		84.82	0.004141	4.13	102.52	22.72	0.62
GR	103	Max WS	TR200_D650	421.32	77.48	83.92		84.79	0.004160	4.13	101.96	22.72	0.62
GR	103	Max WS	TR200_D700	422.45	77.48	83.90		84.79	0.004230	4.16	101.58	22.72	0.63
GR	102	Max WS	TR200_D450	414.91	77.72	83.52	81.42	83.91	0.004189	2.78	149.35		0.37
GR	102	Max WS	TR200_D350	409.72	77.72	83.45	81.41	83.84	0.004085	2.74	149.35		0.37
GR	102	Max WS	TR200_D400	411.54	77.72	83.47	81.41	83.86	0.004121	2.76	149.35		0.37
GR	102	Max WS	TR200_D500	415.46	77.72	83.53	81.43	83.92	0.004200	2.78	149.35		0.37
GR	102	Max WS	TR200_D550	415.34	77.72	83.53	81.43	83.92	0.004198	2.78	149.35		0.37
GR	102	Max WS	TR200_D600	410.39	77.72	83.50	81.41	83.89	0.004098	2.75	149.35		0.36
GR	102	Max WS	TR200_D650	408.31	77.72	83.48	81.40	83.86	0.004057	2.73	149.35		0.36
GR	102	Max WS	TR200_D700	410.60	77.72	83.45	81.41	83.84	0.004102	2.75	149.35		0.37
GR	100	Max WS	TR200_D450	414.87	77.06	83.36	81.85	83.84	0.005352	3.05	135.87	4.36	0.39
GR	100	Max WS	TR200_D350	409.67	77.06	83.31	81.83	83.77	0.004874	3.02	135.50	8.63	0.39
GR	100	Max WS	TR200_D400	411.50	77.06	83.32	81.84	83.79	0.004999	3.03	135.61	7.61	0.39
GR	100	Max WS	TR200_D500	415.42	77.06	83.37	81.86	83.85	0.005442	3.06	135.92	3.49	0.39
GR	100	Max WS	TR200_D550	415.30	77.06	83.37	81.86	83.85	0.005435	3.06	135.92	3.53	0.39
GR	100	Max WS	TR200_D600	410.13	77.06	83.36	81.83	83.82	0.005209	3.02	135.86	4.61	0.38
GR	100	Max WS	TR200_D650	408.04	77.06	83.34	81.83	83.80	0.005025	3.01	135.74	6.21	0.38

HEC-RAS River: Greve Reach: GR 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
GR	100	Max WS	TR200_D700	410.56	77.06	83.31	81.84	83.77	0.004896	3.03	135.50	8.63	0.39
GR	99.9		Lat Struct										
GR	99.7		Lat Struct										
GR	99.333*	Max WS	TR200_D450	407.39	77.09	83.33		83.77	0.002094	2.91	139.85	44.64	0.48
GR	99.333*	Max WS	TR200_D350	401.37	77.09	83.28		83.71	0.002124	2.91	137.87	44.54	0.48
GR	99.333*	Max WS	TR200_D400	403.33	77.09	83.29		83.73	0.002122	2.92	138.34	44.56	0.48
GR	99.333*	Max WS	TR200_D500	408.27	77.09	83.35		83.78	0.002084	2.91	140.27	44.66	0.48
GR	99.333*	Max WS	TR200_D550	408.11	77.09	83.35		83.78	0.002082	2.91	140.26	44.66	0.48
GR	99.333*	Max WS	TR200_D600	408.07	77.09	83.33		83.76	0.002114	2.92	139.58	44.62	0.48
GR	99.333*	Max WS	TR200_D650	405.96	77.09	83.31		83.74	0.002127	2.92	138.83	44.59	0.48
GR	99.333*	Max WS	TR200_D700	402.09	77.09	83.28		83.71	0.002133	2.92	137.84	44.54	0.48
GR	99	Max WS	TR200_D450	406.96	77.11	83.29	81.84	83.77	0.005367	3.07	132.60	5.38	0.39
GR	99	Max WS	TR200_D350	400.93	77.11	83.24	81.82	83.71	0.004967	3.03	132.30	8.37	0.39
GR	99	Max WS	TR200_D400	402.87	77.11	83.26	81.82	83.73	0.005072	3.04	132.38	7.66	0.39
GR	99	Max WS	TR200_D500	407.82	77.11	83.30	81.84	83.78	0.005445	3.07	132.65	4.75	0.39
GR	99	Max WS	TR200_D550	407.68	77.11	83.30	81.85	83.78	0.005441	3.07	132.65	4.75	0.39
GR	99	Max WS	TR200_D600	406.82	77.11	83.28	81.84	83.76	0.005327	3.07	132.57	5.81	0.39
GR	99	Max WS	TR200_D650	404.70	77.11	83.27	81.83	83.74	0.005176	3.06	132.46	6.95	0.39
GR	99	Max WS	TR200_D700	401.64	77.11	83.24	81.82	83.71	0.004982	3.04	132.29	8.41	0.39
GR	97	Max WS	TR200_D450	404.89	75.67	83.22	81.70	83.74	0.005706	3.18	127.41	12.44	0.37
GR	97	Max WS	TR200_D350	398.89	75.67	83.18	81.66	83.69	0.005358	3.14	126.85	14.91	0.37
GR	97	Max WS	TR200_D400	400.82	75.67	83.19	81.68	83.70	0.005454	3.16	127.00	14.30	0.37
GR	97	Max WS	TR200_D500	405.74	75.67	83.23	81.70	83.75	0.005770	3.18	127.51	11.94	0.37
GR	97	Max WS	TR200_D550	405.61	75.67	83.23	81.70	83.75	0.005766	3.18	127.51	11.94	0.37
GR	97	Max WS	TR200_D600	404.08	75.67	83.21	81.69	83.73	0.005630	3.18	127.27	13.14	0.37
GR	97	Max WS	TR200_D650	402.10	75.67	83.20	81.68	83.71	0.005505	3.16	127.05	14.08	0.37
GR	97	Max WS	TR200_D700	399.55	75.67	83.18	81.67	83.69	0.005377	3.15	126.86	14.89	0.37
GR	96.9		Lat Struct										
GR	96.85		Lat Struct										
GR	96.840*	Max WS	TR200_D450	398.39	75.90	83.19		83.64	0.002916	2.98	133.49	40.25	0.52
GR	96.840*	Max WS	TR200_D350	392.85	75.90	83.15		83.60	0.002940	2.98	131.96	40.25	0.52
GR	96.840*	Max WS	TR200_D400	394.41	75.90	83.16		83.61	0.002936	2.98	132.34	40.25	0.52
GR	96.840*	Max WS	TR200_D500	399.20	75.90	83.19		83.65	0.002907	2.98	133.79	40.25	0.52
GR	96.840*	Max WS	TR200_D550	398.89	75.90	83.19		83.65	0.002902	2.98	133.79	40.25	0.52
GR	96.840*	Max WS	TR200_D600	397.27	75.90	83.17		83.63	0.002935	2.99	132.97	40.25	0.52
GR	96.840*	Max WS	TR200_D650	395.31	75.90	83.16		83.61	0.002946	2.99	132.39	40.25	0.53
GR	96.840*	Max WS	TR200_D700	393.17	75.90	83.15		83.60	0.002944	2.98	131.98	40.25	0.53
GR	96.680*	Max WS	TR200_D450	391.65	76.14	83.18		83.64	0.002742	3.02	129.59	35.67	0.51
GR	96.680*	Max WS	TR200_D350	386.27	76.14	83.14		83.60	0.002754	3.01	128.26	35.67	0.51
GR	96.680*	Max WS	TR200_D400	387.82	76.14	83.15		83.61	0.002754	3.02	128.59	35.67	0.51
GR	96.680*	Max WS	TR200_D500	392.48	76.14	83.18		83.65	0.002735	3.02	129.86	35.67	0.51
GR	96.680*	Max WS	TR200_D550	392.13	76.14	83.18		83.65	0.002730	3.02	129.87	35.67	0.51
GR	96.680*	Max WS	TR200_D600	390.23	76.14	83.16		83.63	0.002754	3.02	129.10	35.67	0.51
GR	96.680*	Max WS	TR200_D650	388.30	76.14	83.15		83.61	0.002761	3.02	128.59	35.67	0.51
GR	96.680*	Max WS	TR200_D700	386.62	76.14	83.14		83.60	0.002759	3.01	128.26	35.67	0.51
GR	96.520*	Max WS	TR200_D450	391.33	76.37	83.14		83.67	0.002925	3.21	121.81	31.10	0.52
GR	96.520*	Max WS	TR200_D350	385.92	76.37	83.11		83.63	0.002926	3.20	120.70	31.10	0.52
GR	96.520*	Max WS	TR200_D400	387.68	76.37	83.11		83.64	0.002934	3.21	120.95	31.10	0.52
GR	96.520*	Max WS	TR200_D500	392.14	76.37	83.15		83.68	0.002919	3.21	122.05	31.10	0.52
GR	96.520*	Max WS	TR200_D550	391.67	76.37	83.15		83.68	0.002910	3.21	122.08	31.10	0.52
GR	96.520*	Max WS	TR200_D600	389.68	76.37	83.13		83.65	0.002932	3.21	121.38	31.10	0.52
GR	96.520*	Max WS	TR200_D650	387.80	76.37	83.11		83.64	0.002937	3.21	120.93	31.10	0.52
GR	96.520*	Max WS	TR200_D700	386.52	76.37	83.11		83.63	0.002937	3.20	120.68	31.10	0.52
GR	96.360*	Max WS	TR200_D450	403.26	76.61	83.03		83.78	0.003837	3.83	105.18	23.06	0.57
GR	96.360*	Max WS	TR200_D350	397.90	76.61	83.00		83.74	0.003822	3.81	104.38	23.06	0.57
GR	96.360*	Max WS	TR200_D400	399.72	76.61	83.00		83.75	0.003837	3.82	104.56	23.06	0.57
GR	96.360*	Max WS	TR200_D500	403.99	76.61	83.04		83.79	0.003833	3.83	105.35	23.06	0.57
GR	96.360*	Max WS	TR200_D550	403.47	76.61	83.04		83.79	0.003821	3.83	105.37	23.06	0.57
GR	96.360*	Max WS	TR200_D600	401.48	76.61	83.02		83.76	0.003837	3.83	104.86	23.06	0.57
GR	96.360*	Max WS	TR200_D650	399.58	76.61	83.00		83.75	0.003836	3.82	104.54	23.06	0.57
GR	96.360*	Max WS	TR200_D700	398.57	76.61	82.99		83.74	0.003837	3.82	104.36	23.06	0.57
GR	96.2	Max WS	TR200_D450	426.71	76.84	82.96		83.98	0.005732	4.48	95.34	22.40	0.69
GR	96.2	Max WS	TR200_D350	421.06	76.84	82.93		83.94	0.005718	4.45	94.56	22.40	0.69
GR	96.2	Max WS	TR200_D400	423.07	76.84	82.94		83.95	0.005742	4.47	94.73	22.40	0.69
GR	96.2	Max WS	TR200_D500	427.47	76.84	82.97		83.99	0.005724	4.48	95.50	22.40	0.69
GR	96.2	Max WS	TR200_D550	426.71	76.84	82.97		83.99	0.005698	4.47	95.53	22.40	0.69
GR	96.2	Max WS	TR200_D600	424.68	76.84	82.95		83.97	0.005733	4.47	95.03	22.40	0.69
GR	96.2	Max WS	TR200_D650	422.72	76.84	82.94		83.95	0.005735	4.46	94.72	22.40	0.69
GR	96.2	Max WS	TR200_D700	421.87	76.84	82.93		83.94	0.005745	4.46	94.54	22.40	0.69
GR	96	Max WS	TR200_D450	425.52	76.84	82.93	81.56	84.02	0.005255	4.61	92.33	16.81	0.60
GR	96	Max WS	TR200_D350	419.89	76.84	82.90	81.53	83.97	0.005202	4.57	91.78	16.84	0.59
GR	96	Max WS	TR200_D400	421.90	76.84	82.91	81.54	83.98	0.005233	4.59	91.90	16.84	0.60
GR	96	Max WS	TR200_D500	426.29	76.84	82.94	81.57	84.03	0.005255	4.61	92.45	16.81	0.60
GR	96	Max WS	TR200_D550	425.51	76.84	82.94	81.56	84.02	0.005232	4.60	92.48	16.81	0.59
GR	96	Max WS	TR200_D600	423.48	76.84	82.92	81.55	84.00	0.005239	4.60	92.11	16.83	0.60
GR	96	Max WS	TR200_D650	421.52	76.84	82.91	81.53	83.98	0.005225	4.59	91.89	16.84	0.59
GR	96	Max WS	TR200_D700	420.71	76.84	82.90	81.53	83.97	0.005226	4.58	91.76	16.84	0.59
GR	94	Max WS	TR200_D450	421.13	76.76	82.82	81.04	83.74	0.003231	4.25	99.12	16.94	0.55
GR	94	Max WS	TR200_D350	415.50	76.76	82.79	81.01	83.69	0.003190	4.21	98.58	16.97	0.55
GR	94	Max WS	TR200_D400	417.57	76.76	82.79	81.02	83.70	0.003213	4.23	98.69	16.96	0.55
GR	94	Max WS	TR200_D500	421.90	76.76	82.82	81.04	83.75	0.003233	4.25	99.24	16.93	0.55
GR	94	Max WS	TR200_D550	421.03	76.76	82.83	81.04	83.74	0.003217	4.24	99.27	16.93	0.55
GR	94	Max WS	TR200_D600	419.00	76.76	82.80	81.02	83.72	0.003217	4.24	98.90	16.95	0.55
GR	94	Max WS	TR200_D650	417.08	76.76	82.79	81.02	83.70	0.003206	4.23	98.68	16.96	0.55

HEC-RAS River: Greve Reach: GR 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
GR	94	Max WS	TR200_D700	416.39	76.76	82.78	81.01	83.69	0.003206	4.23	98.55	16.97	0.55
GR	93.9			Lat Struct									
GR	93.85			Lat Struct									
GR	93.8	Max WS	TR200_D450	420.29	76.76	82.73		83.22	0.001893	3.09	136.04	29.57	0.46
GR	93.8	Max WS	TR200_D350	414.53	76.76	82.71		83.19	0.001873	3.07	135.23	29.54	0.46
GR	93.8	Max WS	TR200_D400	416.74	76.76	82.71		83.19	0.001889	3.08	135.35	29.54	0.46
GR	93.8	Max WS	TR200_D500	421.05	76.76	82.74		83.23	0.001891	3.09	136.25	29.57	0.46
GR	93.8	Max WS	TR200_D550	420.14	76.76	82.75		83.23	0.001878	3.08	136.37	29.58	0.46
GR	93.8	Max WS	TR200_D600	418.14	76.76	82.72		83.21	0.001887	3.08	135.71	29.55	0.46
GR	93.8	Max WS	TR200_D650	416.23	76.76	82.71		83.19	0.001884	3.08	135.36	29.54	0.46
GR	93.8	Max WS	TR200_D700	415.56	76.76	82.70		83.19	0.001887	3.08	135.12	29.53	0.46
GR	93.720*	Max WS	TR200_D450	401.54	76.62	82.68		83.14	0.001788	3.01	133.31	28.78	0.45
GR	93.720*	Max WS	TR200_D350	403.32	76.62	82.66		83.13	0.001823	3.04	132.82	28.76	0.45
GR	93.720*	Max WS	TR200_D400	398.45	76.62	82.66		83.12	0.001787	3.00	132.62	28.75	0.45
GR	93.720*	Max WS	TR200_D500	402.23	76.62	82.69		83.15	0.001787	3.01	133.51	28.79	0.45
GR	93.720*	Max WS	TR200_D550	408.61	76.62	82.70		83.18	0.001827	3.05	133.92	28.80	0.45
GR	93.720*	Max WS	TR200_D600	399.36	76.62	82.67		83.13	0.001782	3.00	132.96	28.77	0.45
GR	93.720*	Max WS	TR200_D650	397.68	76.62	82.66		83.11	0.001780	3.00	132.61	28.75	0.45
GR	93.720*	Max WS	TR200_D700	397.40	76.62	82.65		83.11	0.001786	3.00	132.40	28.74	0.45
GR	93.640*	Max WS	TR200_D450	400.67	76.48	82.66		83.13	0.001813	3.05	131.51	28.09	0.45
GR	93.640*	Max WS	TR200_D350	397.37	76.48	82.63		83.10	0.001812	3.04	130.77	28.06	0.45
GR	93.640*	Max WS	TR200_D400	397.42	76.48	82.63		83.11	0.001810	3.04	130.83	28.06	0.45
GR	93.640*	Max WS	TR200_D500	401.44	76.48	82.67		83.14	0.001812	3.05	131.70	28.09	0.45
GR	93.640*	Max WS	TR200_D550	402.77	76.48	82.67		83.15	0.001819	3.06	131.83	28.10	0.45
GR	93.640*	Max WS	TR200_D600	398.52	76.48	82.65		83.12	0.001807	3.04	131.17	28.07	0.45
GR	93.640*	Max WS	TR200_D650	396.74	76.48	82.63		83.10	0.001804	3.03	130.83	28.06	0.45
GR	93.640*	Max WS	TR200_D700	396.31	76.48	82.63		83.10	0.001808	3.03	130.63	28.05	0.45
GR	93.560*	Max WS	TR200_D450	394.79	76.35	82.65		83.10	0.001723	2.96	133.42	27.95	0.43
GR	93.560*	Max WS	TR200_D350	390.42	76.35	82.62		83.06	0.001717	2.95	132.56	27.95	0.43
GR	93.560*	Max WS	TR200_D400	391.61	76.35	82.63		83.07	0.001720	2.95	132.76	27.95	0.43
GR	93.560*	Max WS	TR200_D500	395.57	76.35	82.66		83.10	0.001722	2.96	133.62	27.95	0.43
GR	93.560*	Max WS	TR200_D550	395.68	76.35	82.66		83.11	0.001723	2.96	133.62	27.95	0.43
GR	93.560*	Max WS	TR200_D600	392.71	76.35	82.64		83.08	0.001717	2.95	133.10	27.95	0.43
GR	93.560*	Max WS	TR200_D650	390.95	76.35	82.63		83.07	0.001714	2.94	132.77	27.95	0.43
GR	93.560*	Max WS	TR200_D700	390.34	76.35	82.62		83.06	0.001717	2.94	132.55	27.95	0.43
GR	93.480*	Max WS	TR200_D450	397.74	76.21	82.58		83.13	0.002126	3.29	121.04	24.43	0.47
GR	93.480*	Max WS	TR200_D350	393.11	76.21	82.55		83.09	0.002114	3.27	120.27	24.40	0.47
GR	93.480*	Max WS	TR200_D400	394.58	76.21	82.56		83.10	0.002120	3.28	120.46	24.41	0.47
GR	93.480*	Max WS	TR200_D500	398.55	76.21	82.59		83.14	0.002127	3.29	121.20	24.44	0.47
GR	93.480*	Max WS	TR200_D550	398.37	76.21	82.59		83.14	0.002126	3.29	121.17	24.44	0.47
GR	93.480*	Max WS	TR200_D600	395.63	76.21	82.57		83.12	0.002117	3.28	120.75	24.42	0.47
GR	93.480*	Max WS	TR200_D650	393.90	76.21	82.56		83.10	0.002112	3.27	120.47	24.41	0.47
GR	93.480*	Max WS	TR200_D700	393.26	76.21	82.55		83.10	0.002114	3.27	120.29	24.40	0.47
GR	93.400*	Max WS	TR200_D450	413.05	76.07	82.49		83.10	0.002402	3.47	118.98	23.83	0.50
GR	93.400*	Max WS	TR200_D350	407.97	76.07	82.46		83.07	0.002385	3.45	118.25	23.83	0.49
GR	93.400*	Max WS	TR200_D400	409.68	76.07	82.47		83.08	0.002394	3.46	118.44	23.83	0.50
GR	93.400*	Max WS	TR200_D500	413.85	76.07	82.50		83.11	0.002402	3.47	119.14	23.83	0.50
GR	93.400*	Max WS	TR200_D550	413.64	76.07	82.49		83.11	0.002401	3.47	119.10	23.83	0.50
GR	93.400*	Max WS	TR200_D600	410.78	76.07	82.48		83.09	0.002390	3.46	118.72	23.83	0.50
GR	93.400*	Max WS	TR200_D650	408.94	76.07	82.47		83.07	0.002385	3.45	118.45	23.83	0.49
GR	93.400*	Max WS	TR200_D700	408.23	76.07	82.46		83.07	0.002387	3.45	118.28	23.83	0.49
GR	93.320*	Max WS	TR200_D450	394.67	75.93	82.42		82.95	0.002093	3.23	122.01	24.83	0.47
GR	93.320*	Max WS	TR200_D350	390.21	75.93	82.39		82.92	0.002085	3.22	121.22	24.83	0.47
GR	93.320*	Max WS	TR200_D400	391.64	75.93	82.40		82.93	0.002089	3.22	121.44	24.83	0.47
GR	93.320*	Max WS	TR200_D500	395.49	75.93	82.43		82.96	0.002093	3.24	122.18	24.83	0.47
GR	93.320*	Max WS	TR200_D550	395.16	75.93	82.43		82.96	0.002092	3.24	122.13	24.83	0.47
GR	93.320*	Max WS	TR200_D600	392.81	75.93	82.41		82.94	0.002087	3.23	121.73	24.83	0.47
GR	93.320*	Max WS	TR200_D650	391.18	75.93	82.40		82.93	0.002084	3.22	121.44	24.83	0.47
GR	93.320*	Max WS	TR200_D700	390.33	75.93	82.39		82.92	0.002083	3.22	121.28	24.83	0.47
GR	93.240*	Max WS	TR200_D450	399.12	75.79	82.35		83.06	0.002749	3.72	107.38	19.71	0.51
GR	93.240*	Max WS	TR200_D350	394.80	75.79	82.32		83.02	0.002735	3.70	106.75	19.71	0.51
GR	93.240*	Max WS	TR200_D400	396.08	75.79	82.33		83.03	0.002739	3.70	106.93	19.71	0.51
GR	93.240*	Max WS	TR200_D500	399.88	75.79	82.36		83.06	0.002750	3.72	107.50	19.71	0.51
GR	93.240*	Max WS	TR200_D550	399.63	75.79	82.36		83.06	0.002749	3.72	107.47	19.71	0.51
GR	93.240*	Max WS	TR200_D600	397.38	75.79	82.34		83.04	0.002742	3.71	107.14	19.71	0.51
GR	93.240*	Max WS	TR200_D650	395.74	75.79	82.33		83.03	0.002735	3.70	106.92	19.71	0.51
GR	93.240*	Max WS	TR200_D700	394.76	75.79	82.32		83.02	0.002731	3.70	106.80	19.71	0.51
GR	93.160*	Max WS	TR200_D450	410.76	75.66	82.28		83.07	0.003155	3.94	104.16	19.10	0.54
GR	93.160*	Max WS	TR200_D350	406.37	75.66	82.25		83.03	0.003139	3.92	103.55	19.10	0.54
GR	93.160*	Max WS	TR200_D400	407.62	75.66	82.26		83.05	0.003144	3.93	103.73	19.10	0.54
GR	93.160*	Max WS	TR200_D500	411.55	75.66	82.29		83.08	0.003157	3.95	104.28	19.10	0.54
GR	93.160*	Max WS	TR200_D550	411.29	75.66	82.29		83.08	0.003156	3.95	104.25	19.10	0.54
GR	93.160*	Max WS	TR200_D600	409.04	75.66	82.27		83.06	0.003148	3.94	103.94	19.10	0.54
GR	93.160*	Max WS	TR200_D650	407.33	75.66	82.26		83.04	0.003140	3.93	103.72	19.10	0.54
GR	93.160*	Max WS	TR200_D700	406.23	75.66	82.25		83.04	0.003133	3.92	103.60	19.10	0.54
GR	93.080*	Max WS	TR200_D450	412.79	75.52	82.21		83.00	0.003153	3.93	105.12	19.76	0.54
GR	93.080*	Max WS	TR200_D350	408.47	75.52	82.18		82.96	0.003140	3.91	104.50	19.76	0.54
GR	93.080*	Max WS	TR200_D400	409.64	75.52	82.19		82.97	0.003142	3.91	104.68	19.76	0.54
GR	93.080*	Max WS	TR200_D500	413.58	75.52	82.22		83.01	0.003155	3.93	105.25	19.76	0.54
GR	93.080*</												

HEC-RAS River: Greve Reach: GR 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
GR	93	Max WS	TR200_D400	408.02	75.38	82.10		82.98	0.003642	4.15	98.40	18.94	0.58
GR	93	Max WS	TR200_D500	412.02	75.38	82.13		83.02	0.003657	4.16	98.95	18.94	0.58
GR	93	Max WS	TR200_D550	411.75	75.38	82.13		83.01	0.003656	4.16	98.91	18.94	0.58
GR	93	Max WS	TR200_D600	409.56	75.38	82.11		82.99	0.003649	4.15	98.61	18.94	0.58
GR	93	Max WS	TR200_D650	407.85	75.38	82.10		82.98	0.003640	4.14	98.40	18.94	0.58
GR	93	Max WS	TR200_D700	406.61	75.38	82.10		82.97	0.003630	4.14	98.28	18.94	0.58
GR	92.900*	Max WS	TR200_D450	411.88	75.42	82.04		82.83	0.003218	3.94	104.52	20.45	0.56
GR	92.900*	Max WS	TR200_D350	407.59	75.42	82.01		82.79	0.003205	3.92	103.89	20.45	0.56
GR	92.900*	Max WS	TR200_D400	408.58	75.42	82.02		82.80	0.003205	3.93	104.07	20.45	0.56
GR	92.900*	Max WS	TR200_D500	412.75	75.42	82.05		82.84	0.003220	3.94	104.65	20.45	0.56
GR	92.900*	Max WS	TR200_D550	412.49	75.42	82.04		82.84	0.003219	3.94	104.62	20.45	0.56
GR	92.900*	Max WS	TR200_D600	410.34	75.42	82.03		82.82	0.003213	3.93	104.29	20.45	0.56
GR	92.900*	Max WS	TR200_D650	408.78	75.42	82.02		82.80	0.003208	3.93	104.07	20.45	0.56
GR	92.900*	Max WS	TR200_D700	407.88	75.42	82.01		82.80	0.003203	3.92	103.97	20.45	0.56
GR	92.800*	Max WS	TR200_D450	418.61	75.46	81.96		82.67	0.002913	3.74	112.06	23.63	0.55
GR	92.800*	Max WS	TR200_D350	414.06	75.46	81.93		82.63	0.002903	3.72	111.34	23.63	0.55
GR	92.800*	Max WS	TR200_D400	414.86	75.46	81.94		82.64	0.002897	3.72	111.57	23.63	0.55
GR	92.800*	Max WS	TR200_D500	419.53	75.46	81.96		82.68	0.002914	3.74	112.21	23.63	0.55
GR	92.800*	Max WS	TR200_D550	419.27	75.46	81.96		82.67	0.002914	3.74	112.17	23.63	0.55
GR	92.800*	Max WS	TR200_D600	416.98	75.46	81.95		82.66	0.002909	3.73	111.80	23.63	0.55
GR	92.800*	Max WS	TR200_D650	415.32	75.46	81.94		82.64	0.002905	3.72	111.55	23.63	0.55
GR	92.800*	Max WS	TR200_D700	414.11	75.46	81.93		82.64	0.002897	3.72	111.44	23.63	0.55
GR	92.700*	Max WS	TR200_D450	421.06	75.49	81.88		82.52	0.002661	3.54	119.10	26.80	0.54
GR	92.700*	Max WS	TR200_D350	416.37	75.49	81.85		82.48	0.002654	3.52	118.30	26.80	0.53
GR	92.700*	Max WS	TR200_D400	416.49	75.49	81.86		82.49	0.002636	3.51	118.61	26.80	0.53
GR	92.700*	Max WS	TR200_D500	422.00	75.49	81.88		82.52	0.002662	3.54	119.27	26.80	0.54
GR	92.700*	Max WS	TR200_D550	421.74	75.49	81.88		82.52	0.002661	3.54	119.23	26.80	0.54
GR	92.700*	Max WS	TR200_D600	419.37	75.49	81.87		82.50	0.002658	3.53	118.82	26.80	0.54
GR	92.700*	Max WS	TR200_D650	417.67	75.49	81.86		82.49	0.002655	3.52	118.54	26.80	0.53
GR	92.700*	Max WS	TR200_D700	415.73	75.49	81.85		82.48	0.002635	3.51	118.47	26.80	0.53
GR	92.600*	Max WS	TR200_D450	420.65	75.53	81.81		82.37	0.002445	3.34	126.11	30.61	0.52
GR	92.600*	Max WS	TR200_D350	415.87	75.53	81.78		82.34	0.002440	3.32	125.22	30.58	0.52
GR	92.600*	Max WS	TR200_D400	415.98	75.53	81.79		82.35	0.002418	3.31	125.64	30.60	0.52
GR	92.600*	Max WS	TR200_D500	421.59	75.53	81.81		82.38	0.002446	3.34	126.29	30.62	0.52
GR	92.600*	Max WS	TR200_D550	421.35	75.53	81.81		82.38	0.002446	3.34	126.25	30.62	0.52
GR	92.600*	Max WS	TR200_D600	418.93	75.53	81.80		82.36	0.002444	3.33	125.79	30.60	0.52
GR	92.600*	Max WS	TR200_D650	417.20	75.53	81.79		82.35	0.002441	3.32	125.48	30.59	0.52
GR	92.600*	Max WS	TR200_D700	415.20	75.53	81.79		82.34	0.002417	3.31	125.49	30.59	0.52
GR	92.500*	Max WS	TR200_D450	417.17	75.57	81.75		82.26	0.002215	3.15	132.27	32.82	0.50
GR	92.500*	Max WS	TR200_D350	412.54	75.57	81.72		82.23	0.002213	3.14	131.33	32.79	0.50
GR	92.500*	Max WS	TR200_D400	415.56	75.57	81.73		82.24	0.002225	3.15	131.72	32.80	0.50
GR	92.500*	Max WS	TR200_D500	418.09	75.57	81.76		82.27	0.002215	3.16	132.47	32.83	0.50
GR	92.500*	Max WS	TR200_D550	417.85	75.57	81.76		82.26	0.002215	3.16	132.42	32.83	0.50
GR	92.500*	Max WS	TR200_D600	415.48	75.57	81.74		82.25	0.002214	3.15	131.93	32.81	0.50
GR	92.500*	Max WS	TR200_D650	413.83	75.57	81.73		82.24	0.002213	3.14	131.60	32.80	0.50
GR	92.500*	Max WS	TR200_D700	414.76	75.57	81.73		82.24	0.002225	3.15	131.55	32.80	0.50
GR	92.400*	Max WS	TR200_D450	416.28	75.61	81.71		82.17	0.002028	3.00	138.73	35.04	0.48
GR	92.400*	Max WS	TR200_D350	411.71	75.61	81.68		82.14	0.002027	2.99	137.74	35.00	0.48
GR	92.400*	Max WS	TR200_D400	413.48	75.61	81.69		82.15	0.002031	3.00	138.05	35.01	0.48
GR	92.400*	Max WS	TR200_D500	417.23	75.61	81.72		82.18	0.002028	3.00	138.95	35.05	0.48
GR	92.400*	Max WS	TR200_D550	416.96	75.61	81.71		82.17	0.002028	3.00	138.89	35.04	0.48
GR	92.400*	Max WS	TR200_D600	414.60	75.61	81.70		82.16	0.002027	3.00	138.38	35.03	0.48
GR	92.400*	Max WS	TR200_D650	413.00	75.61	81.69		82.15	0.002027	2.99	138.03	35.01	0.48
GR	92.400*	Max WS	TR200_D700	412.70	75.61	81.69		82.14	0.002031	2.99	137.87	35.01	0.48
GR	92.300*	Max WS	TR200_D450	415.98	75.65	81.68		82.09	0.001865	2.86	145.35	37.26	0.46
GR	92.300*	Max WS	TR200_D350	411.42	75.65	81.65		82.06	0.001866	2.85	144.29	37.23	0.46
GR	92.300*	Max WS	TR200_D400	412.77	75.65	81.65		82.07	0.001867	2.86	144.57	37.24	0.46
GR	92.300*	Max WS	TR200_D500	416.88	75.65	81.68		82.10	0.001865	2.86	145.57	37.26	0.46
GR	92.300*	Max WS	TR200_D550	416.66	75.65	81.68		82.10	0.001865	2.86	145.51	37.26	0.46
GR	92.300*	Max WS	TR200_D600	414.31	75.65	81.67		82.08	0.001865	2.86	144.97	37.25	0.46
GR	92.300*	Max WS	TR200_D650	412.71	75.65	81.66		82.07	0.001865	2.85	144.59	37.24	0.46
GR	92.300*	Max WS	TR200_D700	411.99	75.65	81.65		82.06	0.001867	2.85	144.39	37.24	0.46
GR	92.200*	Max WS	TR200_D450	415.84	75.68	81.65		82.03	0.001724	2.73	152.05	39.55	0.45
GR	92.200*	Max WS	TR200_D350	411.35	75.68	81.62		82.00	0.001724	2.73	150.92	39.49	0.45
GR	92.200*	Max WS	TR200_D400	412.57	75.68	81.62		82.00	0.001725	2.73	151.22	39.51	0.45
GR	92.200*	Max WS	TR200_D500	416.80	75.68	81.65		82.03	0.001723	2.74	152.29	39.56	0.45
GR	92.200*	Max WS	TR200_D550	416.52	75.68	81.65		82.03	0.001723	2.74	152.23	39.56	0.45
GR	92.200*	Max WS	TR200_D600	414.23	75.68	81.64		82.02	0.001724	2.73	151.65	39.54	0.45
GR	92.200*	Max WS	TR200_D650	412.64	75.68	81.63		82.00	0.001724	2.73	151.25	39.52	0.45
GR	92.200*	Max WS	TR200_D700	411.79	75.68	81.62		82.00	0.001725	2.73	151.03	39.50	0.45
GR	92.100*	Max WS	TR200_D450	413.82	75.72	81.62		81.99	0.001675	2.73	151.85	36.32	0.43
GR	92.100*	Max WS	TR200_D350	409.41	75.72	81.59		81.96	0.001675	2.71	150.81	36.32	0.43
GR	92.100*	Max WS	TR200_D400	410.52	75.72	81.59		81.97	0.001675	2.72	151.08	36.32	0.43
GR	92.100*	Max WS	TR200_D500	414.77	75.72	81.62		82.00	0.001675	2.73	152.07	36.32	0.43
GR	92.100*	Max WS	TR200_D550	414.54	75.72	81.62		82.00	0.001676	2.73	152.01	36.32	0.43
GR	92.100*	Max WS	TR200_D600	412.24	75.72	81.61		81.98	0.001675	2.72	151.47	36.32	0.43
GR	92.100*	Max WS	TR200_D650	410.68	75.72	81.60		81.97	0.001675	2.72	151.11	36.32	0.43
GR	92.100*	Max WS	TR200_D700	409.76	75.72	81.59		81.97	0.001675	2.72	150.90	36.32	0.43
GR	92	Max WS	TR200_D450	415.80	75.76	81.60		81.92	0.001461	2.51	165.87	43.55	0.41
GR	92	Max WS	TR200_D350	411.30	75.76	81.57		81.89	0.001461	2.50	164.61	43.46	0.41
GR	92	Max WS	TR200_D400	412.47	75.76	81.58		81.89	0.001461	2.50	164.94	43.48	0.41
GR	92	Max WS	TR200_D500	416.73	75.76	81.60		81.92	0.001460	2.51	166.14	43.58	0.41
GR	92	Max WS	TR200_D550	416.48	75.76	81.60		81.92	0.001461	2.51	166.06	43.57	0.41
GR	92	Max WS	TR200_D600	414.17	75.76	81.59		81.91	0.001461	2.50	165.42	43.52	0.41
GR	92	Max WS	TR200_D650	412.60	75.76	81.58		81.89	0.001461	2.50	164.98	43.48	0.41
GR	92	Max WS	TR200_D700	411.69	75.76	81.57		81.89	0.001461	2.50	164.73	43.46	0.41
GR	91	Max WS	TR200_D450	415.78	75.66	81.58	79.68	81.91	0.001496	2.51	165.38	45.56	0.42

HEC-RAS River: Greve Reach: GR 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
GR	91	Max WS	TR200_D350	411.29	76.56	81.55	79.66	81.87	0.001496	2.51	164.06	45.40	0.42
GR	91	Max WS	TR200_D400	412.45	76.56	81.56	79.66	81.88	0.001496	2.51	164.41	45.44	0.42
GR	91	Max WS	TR200_D500	416.72	76.56	81.59	79.68	81.91	0.001496	2.52	165.66	45.60	0.42
GR	91	Max WS	TR200_D550	416.47	76.56	81.59	79.68	81.91	0.001496	2.52	165.59	45.59	0.42
GR	91	Max WS	TR200_D600	414.16	76.56	81.57	79.67	81.89	0.001496	2.51	164.91	45.50	0.42
GR	91	Max WS	TR200_D650	412.59	76.56	81.56	79.67	81.88	0.001496	2.51	164.45	45.45	0.42
GR	91	Max WS	TR200_D700	411.68	76.56	81.56	79.66	81.88	0.001496	2.51	164.19	45.41	0.42
GR	90.5			Inl Struct									
GR	90	Max WS	TR200_D450	415.69	75.00	79.87		80.46	0.003215	3.39	122.45	36.89	0.60
GR	90	Max WS	TR200_D350	411.29	75.00	79.84		80.43	0.003228	3.39	121.41	36.82	0.60
GR	90	Max WS	TR200_D400	412.43	75.00	79.85		80.44	0.003227	3.39	121.65	36.84	0.60
GR	90	Max WS	TR200_D500	416.65	75.00	79.88		80.47	0.003214	3.40	122.65	36.91	0.60
GR	90	Max WS	TR200_D550	416.44	75.00	79.88		80.47	0.003208	3.39	122.70	36.91	0.59
GR	90	Max WS	TR200_D600	413.87	75.00	79.87		80.45	0.003203	3.39	122.25	36.88	0.59
GR	90	Max WS	TR200_D650	412.43	75.00	79.86		80.45	0.003188	3.38	122.15	36.87	0.59
GR	90	Max WS	TR200_D700	411.68	75.00	79.86		80.44	0.003185	3.37	122.04	36.86	0.59
GR	89.857*	Max WS	TR200_D450	414.68	74.84	79.81		80.42	0.003202	3.45	120.26	35.20	0.60
GR	89.857*	Max WS	TR200_D350	410.30	74.84	79.78		80.39	0.003216	3.44	119.26	35.15	0.60
GR	89.857*	Max WS	TR200_D400	411.43	74.84	79.79		80.39	0.003214	3.44	119.49	35.16	0.60
GR	89.857*	Max WS	TR200_D500	415.62	74.84	79.82		80.42	0.003202	3.45	120.45	35.21	0.60
GR	89.857*	Max WS	TR200_D550	415.42	74.84	79.82		80.42	0.003196	3.45	120.49	35.21	0.60
GR	89.857*	Max WS	TR200_D600	412.85	74.84	79.81		80.41	0.003190	3.44	120.07	35.19	0.59
GR	89.857*	Max WS	TR200_D650	411.42	74.84	79.80		80.40	0.003174	3.43	119.99	35.19	0.59
GR	89.857*	Max WS	TR200_D700	410.67	74.84	79.80		80.40	0.003170	3.43	119.89	35.18	0.59
GR	89.714*	Max WS	TR200_D450	413.29	74.67	79.75		80.37	0.003305	3.48	118.87	35.38	0.61
GR	89.714*	Max WS	TR200_D350	408.97	74.67	79.72		80.33	0.003317	3.47	117.85	35.29	0.61
GR	89.714*	Max WS	TR200_D400	410.10	74.67	79.73		80.34	0.003316	3.47	118.09	35.31	0.61
GR	89.714*	Max WS	TR200_D500	414.26	74.67	79.75		80.37	0.003304	3.48	119.06	35.39	0.61
GR	89.714*	Max WS	TR200_D550	414.05	74.67	79.76		80.37	0.003298	3.48	119.10	35.40	0.61
GR	89.714*	Max WS	TR200_D600	411.49	74.67	79.74		80.36	0.003290	3.47	118.68	35.36	0.60
GR	89.714*	Max WS	TR200_D650	410.03	74.67	79.74		80.35	0.003272	3.46	118.62	35.36	0.60
GR	89.714*	Max WS	TR200_D700	409.28	74.67	79.74		80.35	0.003269	3.45	118.51	35.35	0.60
GR	89.571*	Max WS	TR200_D450	411.27	74.51	79.69		80.31	0.003363	3.51	117.19	34.81	0.61
GR	89.571*	Max WS	TR200_D350	407.00	74.51	79.66		80.28	0.003380	3.50	116.18	34.75	0.61
GR	89.571*	Max WS	TR200_D400	408.11	74.51	79.66		80.29	0.003378	3.51	116.41	34.77	0.61
GR	89.571*	Max WS	TR200_D500	412.23	74.51	79.69		80.32	0.003363	3.51	117.37	34.82	0.61
GR	89.571*	Max WS	TR200_D550	412.01	74.51	79.69		80.32	0.003355	3.51	117.42	34.82	0.61
GR	89.571*	Max WS	TR200_D600	409.44	74.51	79.68		80.31	0.003348	3.50	117.02	34.80	0.61
GR	89.571*	Max WS	TR200_D650	407.98	74.51	79.68		80.30	0.003328	3.49	116.96	34.80	0.61
GR	89.571*	Max WS	TR200_D700	407.23	74.51	79.68		80.30	0.003324	3.48	116.87	34.79	0.61
GR	89.429*	Max WS	TR200_D450	408.55	74.35	79.62		80.29	0.003405	3.62	112.84	30.38	0.60
GR	89.429*	Max WS	TR200_D350	404.29	74.35	79.59		80.25	0.003416	3.61	111.95	30.38	0.60
GR	89.429*	Max WS	TR200_D400	405.40	74.35	79.60		80.26	0.003415	3.61	112.16	30.38	0.60
GR	89.429*	Max WS	TR200_D500	409.50	74.35	79.62		80.29	0.003407	3.62	113.00	30.38	0.60
GR	89.429*	Max WS	TR200_D550	409.28	74.35	79.63		80.29	0.003398	3.62	113.05	30.38	0.60
GR	89.429*	Max WS	TR200_D600	404.96	74.35	79.61		80.27	0.003356	3.59	112.73	30.38	0.60
GR	89.429*	Max WS	TR200_D650	405.21	74.35	79.61		80.27	0.003365	3.60	112.67	30.38	0.60
GR	89.429*	Max WS	TR200_D700	404.47	74.35	79.61		80.27	0.003360	3.59	112.59	30.38	0.60
GR	89.286*	Max WS	TR200_D450	410.81	74.19	79.55		80.27	0.003561	3.75	109.56	28.06	0.61
GR	89.286*	Max WS	TR200_D350	406.37	74.19	79.52		80.23	0.003565	3.74	108.74	28.06	0.61
GR	89.286*	Max WS	TR200_D400	407.52	74.19	79.53		80.24	0.003566	3.74	108.93	28.06	0.61
GR	89.286*	Max WS	TR200_D500	411.80	74.19	79.55		80.27	0.003564	3.75	109.71	28.06	0.61
GR	89.286*	Max WS	TR200_D550	411.58	74.19	79.56		80.27	0.003555	3.75	109.76	28.06	0.61
GR	89.286*	Max WS	TR200_D600	407.17	74.19	79.55		80.25	0.003506	3.72	109.49	28.06	0.60
GR	89.286*	Max WS	TR200_D650	407.40	74.19	79.54		80.25	0.003516	3.72	109.43	28.06	0.60
GR	89.286*	Max WS	TR200_D700	406.64	74.19	79.54		80.25	0.003509	3.72	109.36	28.06	0.60
GR	89.143*	Max WS	TR200_D450	407.08	74.02	79.48		80.23	0.003701	3.85	105.70	26.00	0.61
GR	89.143*	Max WS	TR200_D350	403.12	74.02	79.45		80.20	0.003709	3.84	104.93	26.00	0.61
GR	89.143*	Max WS	TR200_D400	404.17	74.02	79.45		80.21	0.003710	3.85	105.11	26.00	0.61
GR	89.143*	Max WS	TR200_D500	407.99	74.02	79.48		80.24	0.003704	3.86	105.83	26.00	0.61
GR	89.143*	Max WS	TR200_D550	407.61	74.02	79.48		80.24	0.003691	3.85	105.89	26.00	0.61
GR	89.143*	Max WS	TR200_D600	403.65	74.02	79.48		80.22	0.003643	3.82	105.66	26.00	0.61
GR	89.143*	Max WS	TR200_D650	403.87	74.02	79.47		80.22	0.003654	3.82	105.59	26.00	0.61
GR	89.143*	Max WS	TR200_D700	403.16	74.02	79.47		80.21	0.003647	3.82	105.54	26.00	0.61
GR	89	Max WS	TR200_D450	410.75	73.86	79.39		80.23	0.004750	4.07	100.90	27.72	0.68
GR	89	Max WS	TR200_D350	406.63	73.86	79.36		80.20	0.004691	4.06	100.09	27.27	0.68
GR	89	Max WS	TR200_D400	407.69	73.86	79.37		80.21	0.004707	4.07	100.27	27.38	0.68
GR	89	Max WS	TR200_D500	411.67	73.86	79.39		80.24	0.004765	4.07	101.04	27.81	0.68
GR	89	Max WS	TR200_D550	411.21	73.86	79.40		80.24	0.004751	4.07	101.11	27.84	0.68
GR	89	Max WS	TR200_D600	407.21	73.86	79.39		80.22	0.004669	4.04	100.90	27.72	0.68
GR	89	Max WS	TR200_D650	407.41	73.86	79.39		80.22	0.004676	4.04	100.83	27.69	0.68
GR	89	Max WS	TR200_D700	406.71	73.86	79.38		80.22	0.004663	4.04	100.77	27.65	0.68
GR	88	Max WS	TR200_D450	409.98	73.57	79.18		80.21	0.005415	4.49	91.23	23.16	0.72
GR	88	Max WS	TR200_D350	405.86	73.57	79.15		80.17	0.005414	4.48	90.58	23.11	0.72
GR	88	Max WS	TR200_D400	406.90	73.57	79.15		80.18	0.005418	4.49	90.72	23.12	0.72
GR	88	Max WS	TR200_D500	410.90	73.57	79.18		80.21	0.005423	4.50	91.33	23.17	0.72
GR	88	Max WS	TR200_D550	410.08	73.57	79.18		80.21	0.005386	4.49	91.42	23.18	0.72
GR	88	Max WS	TR200_D600	405.95	73.57	79.18		80.19	0.005293	4.44	91.33	23.17	0.71
GR	88	Max WS	TR200_D650	406.19	73.57	79.18		80.19	0.005310	4.45	91.27	23.17	0.72
GR	88	Max WS	TR200_D700	405.48	73.57	79.18		80.18	0.005298	4.44	91.23	23.16	0.72
GR	87.519*	Max WS	TR200_D450	409.67	73.92	79.12		80.04	0.004890	4.26	96.10	26.06	0.71
GR	87.519*	Max WS	TR200_D350	405.56	73.92	79.09		80.01	0.004874	4.25	95.38	25.90	0.71
GR	87.519*	Max WS	TR200_D400	406.59	73.92	79.09		80.02	0.004879	4.26	95.54	26.93	0.71
GR	87.519*	Max WS	TR200_D500	410.59	73.92	79.12		80.05	0.004901	4.27	96.22	26.10	0.71
GR	87.519*	Max WS	TR200_D550	409.68	73.92	79.12		80.05	0.004871	4.25	96.32	26.14	0.71
GR	87.519*	Max WS	TR200_D600	405.50	73.92	79.12		80.03	0.004779	4.21	96.24	26.11	0.70
GR	87.519*	Max WS	TR200_D650	405.79	73.92	79.12		80.03	0.004792	4.22	96.16	26.08	0.70

HEC-RAS River: Greve Reach: GR 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
GR	87.519*	Max WS	TR200_D700	405.07	73.92	79.12		80.02	0.004779	4.21	96.13	26.07	0.70
GR	87	Max WS	TR200_D450	409.50	74.30	79.04		79.81	0.004520	3.87	105.84	31.98	0.68
GR	87	Max WS	TR200_D350	405.40	74.30	79.02		79.78	0.004546	3.86	104.96	31.98	0.68
GR	87	Max WS	TR200_D400	406.42	74.30	79.02		79.78	0.004542	3.86	105.16	31.98	0.68
GR	87	Max WS	TR200_D500	410.42	74.30	79.05		79.81	0.004522	3.87	105.98	31.98	0.68
GR	87	Max WS	TR200_D550	409.41	74.30	79.05		79.81	0.004482	3.86	106.11	31.98	0.68
GR	87	Max WS	TR200_D600	405.20	74.30	79.05		79.80	0.004398	3.82	106.06	31.98	0.67
GR	87	Max WS	TR200_D650	405.38	74.30	79.05		79.79	0.004415	3.83	105.96	31.98	0.67
GR	87	Max WS	TR200_D700	404.79	74.30	79.05		79.79	0.004408	3.82	105.91	31.98	0.67
GR	86	Max WS	TR200_D450	408.94	73.08	78.95		79.84	0.006746	4.18	97.73	34.33	0.79
GR	86	Max WS	TR200_D350	405.01	73.08	78.92		79.81	0.006791	4.19	96.77	34.16	0.79
GR	86	Max WS	TR200_D400	405.97	73.08	78.93		79.82	0.006797	4.19	96.98	34.25	0.79
GR	86	Max WS	TR200_D500	409.83	73.08	78.95		79.85	0.006744	4.19	97.88	34.33	0.79
GR	86	Max WS	TR200_D550	408.14	73.08	78.96		79.84	0.006645	4.16	98.08	34.33	0.79
GR	86	Max WS	TR200_D600	403.79	73.08	78.96		79.82	0.006500	4.12	98.10	34.33	0.78
GR	86	Max WS	TR200_D650	404.02	73.08	78.95		79.82	0.006536	4.12	97.96	34.33	0.78
GR	86	Max WS	TR200_D700	403.45	73.08	78.95		79.82	0.006526	4.12	97.92	34.33	0.78
GR	85	Max WS	TR200_D450	390.20	73.07	78.76		79.64	0.005053	4.16	93.82	26.18	0.70
GR	85	Max WS	TR200_D350	387.13	73.07	78.73		79.61	0.005088	4.16	93.03	26.10	0.70
GR	85	Max WS	TR200_D400	388.10	73.07	78.73		79.62	0.005094	4.16	93.19	26.14	0.70
GR	85	Max WS	TR200_D500	390.83	73.07	78.76		79.64	0.005051	4.16	93.93	26.18	0.70
GR	85	Max WS	TR200_D550	391.92	73.07	78.77		79.65	0.005048	4.16	94.12	26.18	0.70
GR	85	Max WS	TR200_D600	387.50	73.07	78.77		79.63	0.004916	4.11	94.24	26.18	0.69
GR	85	Max WS	TR200_D650	387.85	73.07	78.77		79.63	0.004944	4.12	94.12	26.18	0.69
GR	85	Max WS	TR200_D700	387.29	73.07	78.77		79.63	0.004933	4.12	94.10	26.18	0.69
GR	84.833*	Max WS	TR200_D450	385.12	73.00	78.68		79.44	0.004380	3.87	99.60	28.96	0.67
GR	84.833*	Max WS	TR200_D350	382.20	73.00	78.65		79.41	0.004401	3.87	98.73	28.76	0.67
GR	84.833*	Max WS	TR200_D400	383.20	73.00	78.65		79.42	0.004407	3.87	98.90	28.80	0.67
GR	84.833*	Max WS	TR200_D500	385.72	73.00	78.68		79.45	0.004382	3.87	99.72	28.99	0.67
GR	84.833*	Max WS	TR200_D550	381.54	73.00	78.69		79.43	0.004265	3.82	99.95	29.04	0.66
GR	84.833*	Max WS	TR200_D600	381.95	73.00	78.70		79.44	0.004260	3.82	100.10	29.07	0.66
GR	84.833*	Max WS	TR200_D650	382.33	73.00	78.69		79.44	0.004282	3.82	99.96	29.04	0.66
GR	84.833*	Max WS	TR200_D700	381.77	73.00	78.69		79.43	0.004272	3.82	99.93	29.04	0.66
GR	84.667*	Max WS	TR200_D450	378.98	72.93	78.62		79.30	0.003608	3.65	103.80	27.81	0.60
GR	84.667*	Max WS	TR200_D350	376.34	72.93	78.59		79.27	0.003648	3.66	102.95	27.81	0.61
GR	84.667*	Max WS	TR200_D400	377.31	72.93	78.59		79.28	0.003649	3.66	103.11	27.81	0.61
GR	84.667*	Max WS	TR200_D500	379.55	72.93	78.62		79.30	0.003608	3.65	103.91	27.81	0.60
GR	84.667*	Max WS	TR200_D550	375.00	72.93	78.63		79.29	0.003496	3.60	104.16	27.81	0.59
GR	84.667*	Max WS	TR200_D600	375.36	72.93	78.64		79.30	0.003488	3.60	104.31	27.81	0.59
GR	84.667*	Max WS	TR200_D650	375.77	72.93	78.63		79.30	0.003510	3.61	104.16	27.81	0.60
GR	84.667*	Max WS	TR200_D700	375.24	72.93	78.63		79.29	0.003502	3.60	104.14	27.81	0.59
GR	84.500*	Max WS	TR200_D450	376.00	72.86	78.57		79.19	0.003440	3.50	107.57	29.59	0.59
GR	84.500*	Max WS	TR200_D350	373.29	72.86	78.54		79.16	0.003480	3.50	106.66	29.59	0.59
GR	84.500*	Max WS	TR200_D400	374.49	72.86	78.55		79.17	0.003484	3.51	106.84	29.59	0.59
GR	84.500*	Max WS	TR200_D500	376.57	72.86	78.57		79.20	0.003439	3.50	107.69	29.59	0.59
GR	84.500*	Max WS	TR200_D550	371.19	72.86	78.59		79.19	0.003310	3.44	108.02	29.59	0.57
GR	84.500*	Max WS	TR200_D600	371.48	72.86	78.59		79.19	0.003300	3.43	108.19	29.59	0.57
GR	84.500*	Max WS	TR200_D650	372.00	72.86	78.59		79.19	0.003325	3.44	108.01	29.59	0.58
GR	84.500*	Max WS	TR200_D700	371.40	72.86	78.59		79.19	0.003315	3.44	108.01	29.59	0.57
GR	84.333*	Max WS	TR200_D450	381.24	72.78	78.53		79.12	0.003315	3.40	112.28	31.70	0.58
GR	84.333*	Max WS	TR200_D350	378.31	72.78	78.50		79.09	0.003356	3.40	111.28	31.70	0.58
GR	84.333*	Max WS	TR200_D400	379.62	72.78	78.50		79.10	0.003362	3.41	111.47	31.70	0.58
GR	84.333*	Max WS	TR200_D500	381.68	72.78	78.53		79.12	0.003312	3.40	112.41	31.70	0.58
GR	84.333*	Max WS	TR200_D550	376.08	72.78	78.55		79.11	0.003179	3.33	112.82	31.70	0.56
GR	84.333*	Max WS	TR200_D600	376.36	72.78	78.55		79.12	0.003168	3.33	113.00	31.70	0.56
GR	84.333*	Max WS	TR200_D650	376.93	72.78	78.55		79.12	0.003195	3.34	112.80	31.70	0.57
GR	84.333*	Max WS	TR200_D700	376.32	72.78	78.55		79.11	0.003186	3.34	112.79	31.70	0.56
GR	84.167*	Max WS	TR200_D450	380.06	72.71	78.48		78.98	0.003038	3.14	121.11	38.21	0.56
GR	84.167*	Max WS	TR200_D350	376.77	72.71	78.45		78.95	0.003066	3.14	119.87	38.01	0.57
GR	84.167*	Max WS	TR200_D400	378.33	72.71	78.45		78.96	0.003078	3.15	120.08	38.04	0.57
GR	84.167*	Max WS	TR200_D500	380.51	72.71	78.48		78.99	0.003036	3.14	121.26	38.24	0.56
GR	84.167*	Max WS	TR200_D550	374.76	72.71	78.50		78.98	0.002904	3.07	121.91	38.35	0.55
GR	84.167*	Max WS	TR200_D600	374.98	72.71	78.51		78.99	0.002892	3.07	122.14	38.39	0.55
GR	84.167*	Max WS	TR200_D650	375.57	72.71	78.50		78.98	0.002918	3.08	121.88	38.34	0.55
GR	84.167*	Max WS	TR200_D700	375.03	72.71	78.50		78.98	0.002910	3.08	121.88	38.34	0.55
GR	84	Max WS	TR200_D450	368.03	72.64	78.42		78.86	0.002751	2.94	125.32	40.52	0.53
GR	84	Max WS	TR200_D350	372.19	72.64	78.39		78.85	0.002911	3.00	123.96	40.50	0.55
GR	84	Max WS	TR200_D400	365.87	72.64	78.39		78.84	0.002793	2.94	124.24	40.50	0.54
GR	84	Max WS	TR200_D500	363.82	72.64	78.43		78.85	0.002675	2.90	125.53	40.53	0.53
GR	84	Max WS	TR200_D550	363.52	72.64	78.44		78.87	0.002619	2.88	126.31	40.54	0.52
GR	84	Max WS	TR200_D600	363.72	72.64	78.45		78.87	0.002605	2.87	126.57	40.55	0.52
GR	84	Max WS	TR200_D650	364.08	72.64	78.44		78.87	0.002630	2.88	126.27	40.54	0.52
GR	84	Max WS	TR200_D700	363.78	72.64	78.44		78.87	0.002626	2.88	126.26	40.54	0.52
GR	83	Max WS	TR200_D450	369.52	72.46	78.26		78.82	0.002763	3.32	111.28	28.89	0.54
GR	83	Max WS	TR200_D350	364.80	72.46	78.23		78.79	0.002759	3.30	110.40	28.89	0.54
GR	83	Max WS	TR200_D400	364.62	72.46	78.23		78.79	0.002751	3.30	110.47	28.89	0.54
GR	83	Max WS	TR200_D500	367.43	72.46	78.26		78.82	0.002727	3.30	111.35	28.89	0.54
GR	83	Max WS	TR200_D550	370.86	72.46	78.28		78.84	0.002743	3.32	111.82	28.89	0.54
GR	83	Max WS	TR200_D600	371.31	72.46	78.28		78.84	0.002737	3.32	111.99	28.89	0.54
GR	83	Max WS	TR200_D650	372.02	72.46	78.28		78.84	0.002766	3.33	111.75	28.89	0.54
GR	83	Max WS	TR200_D700	370.79	72.46	78.28		78.84	0.002744	3.32	111.79	28.89	0.54
GR	82	Max WS	TR200_D450	386.45	72.71	78.16		78.65	0.002291	3.10	124.76	30.83	0.49
GR	82	Max WS	TR200_D350	377.62	72.71	78.12		78.59	0.002257	3.06	123.48	30.83	0.49
GR	82	Max WS	TR200_D400	385.72	72.71	78.13		78.62	0.002336	3.12	123.81	30.83	0.50
GR	82	Max WS	TR200_D500	388.56	72.71	78.16		78.65	0.002314	3.11	124.79	30.83	0.49
GR	82	Max WS	TR200_D550	388.10	72.71	78.18		78.67	0.002279	3.10	125.33	30.83	0.49
GR	82	Max WS	TR200_D600	388.63	72.71	78.18		78.67	0.002274	3.10	125.53	30.83	0.49

HEC-RAS River: Greve Reach: GR 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
GR	82	Max WS	TR200_D650	389.78	72.71	78.17		78.67	0.002304	3.11	125.23	30.83	0.49
GR	82	Max WS	TR200_D700	388.01	72.71	78.18		78.67	0.002279	3.10	125.30	30.83	0.49
GR	81	Max WS	TR200_D450	396.81	72.46	77.88		79.06	0.005951	4.81	82.51	18.40	0.73
GR	81	Max WS	TR200_D350	391.06	72.46	77.84		79.00	0.005930	4.78	81.78	18.40	0.72
GR	81	Max WS	TR200_D400	393.15	72.46	77.85		79.02	0.005960	4.80	81.94	18.40	0.73
GR	81	Max WS	TR200_D500	397.60	72.46	77.88		79.06	0.005974	4.82	82.52	18.40	0.73
GR	81	Max WS	TR200_D550	399.43	72.46	77.90		79.08	0.005960	4.82	82.85	18.40	0.73
GR	81	Max WS	TR200_D600	400.22	72.46	77.90		79.09	0.005961	4.82	82.96	18.40	0.73
GR	81	Max WS	TR200_D650	399.45	72.46	77.89		79.08	0.005978	4.83	82.77	18.40	0.73
GR	81	Max WS	TR200_D700	399.22	72.46	77.89		79.08	0.005957	4.82	82.83	18.40	0.73
GR	80.800*	Max WS	TR200_D450	422.53	72.54	77.75		78.85	0.005326	4.64	91.03	21.65	0.72
GR	80.800*	Max WS	TR200_D350	416.27	72.54	77.71		78.80	0.005313	4.62	90.18	21.65	0.72
GR	80.800*	Max WS	TR200_D400	418.57	72.54	77.72		78.82	0.005341	4.63	90.36	21.65	0.72
GR	80.800*	Max WS	TR200_D500	423.66	72.54	77.75		78.86	0.005354	4.65	91.03	21.65	0.72
GR	80.800*	Max WS	TR200_D550	425.67	72.54	77.77		78.88	0.005337	4.66	91.43	21.65	0.72
GR	80.800*	Max WS	TR200_D600	426.64	72.54	77.78		78.88	0.005339	4.66	91.56	21.65	0.72
GR	80.800*	Max WS	TR200_D650	426.08	72.54	77.77		78.88	0.005364	4.67	91.33	21.65	0.73
GR	80.800*	Max WS	TR200_D700	425.56	72.54	77.77		78.87	0.005338	4.66	91.41	21.65	0.72
GR	80.600*	Max WS	TR200_D450	435.70	72.62	77.63		78.63	0.004846	4.43	98.35	24.73	0.71
GR	80.600*	Max WS	TR200_D350	429.29	72.62	77.59		78.58	0.004840	4.41	97.40	24.70	0.71
GR	80.600*	Max WS	TR200_D400	432.83	72.62	77.60		78.60	0.004888	4.43	97.62	24.70	0.71
GR	80.600*	Max WS	TR200_D500	438.21	72.62	77.63		78.64	0.004899	4.45	98.37	24.73	0.71
GR	80.600*	Max WS	TR200_D550	438.84	72.62	77.64		78.65	0.004853	4.44	98.79	24.75	0.71
GR	80.600*	Max WS	TR200_D600	439.85	72.62	77.65		78.66	0.004854	4.45	98.94	24.75	0.71
GR	80.600*	Max WS	TR200_D650	440.62	72.62	77.64		78.66	0.004905	4.46	98.70	24.74	0.71
GR	80.600*	Max WS	TR200_D700	438.72	72.62	77.64		78.65	0.004853	4.44	98.77	24.74	0.71
GR	80.400*	Max WS	TR200_D450	439.13	72.69	77.50		78.39	0.004339	4.18	105.03	27.25	0.68
GR	80.400*	Max WS	TR200_D350	432.61	72.69	77.46		78.35	0.004337	4.16	103.99	27.22	0.68
GR	80.400*	Max WS	TR200_D400	430.75	72.69	77.47		78.34	0.004291	4.14	104.06	27.22	0.68
GR	80.400*	Max WS	TR200_D500	436.10	72.69	77.50		78.38	0.004298	4.16	104.88	27.25	0.68
GR	80.400*	Max WS	TR200_D550	442.24	72.69	77.52		78.42	0.004343	4.19	105.50	27.27	0.68
GR	80.400*	Max WS	TR200_D600	443.25	72.69	77.53		78.42	0.004344	4.19	105.66	27.27	0.68
GR	80.400*	Max WS	TR200_D650	438.39	72.69	77.51		78.40	0.004301	4.17	105.23	27.26	0.68
GR	80.400*	Max WS	TR200_D700	442.11	72.69	77.52		78.42	0.004343	4.19	105.48	27.27	0.68
GR	80.200*	Max WS	TR200_D450	433.93	72.77	77.39		78.16	0.003818	3.90	111.38	29.76	0.64
GR	80.200*	Max WS	TR200_D350	427.36	72.77	77.35		78.12	0.003816	3.88	110.26	29.73	0.64
GR	80.200*	Max WS	TR200_D400	422.96	72.77	77.35		78.10	0.003733	3.83	110.31	29.73	0.64
GR	80.200*	Max WS	TR200_D500	427.88	72.77	77.38		78.14	0.003732	3.85	111.18	29.76	0.64
GR	80.200*	Max WS	TR200_D550	436.96	72.77	77.41		78.18	0.003818	3.91	111.89	29.78	0.64
GR	80.200*	Max WS	TR200_D600	437.98	72.77	77.41		78.19	0.003818	3.91	112.07	29.79	0.64
GR	80.200*	Max WS	TR200_D650	430.01	72.77	77.39		78.15	0.003732	3.85	111.55	29.77	0.64
GR	80.200*	Max WS	TR200_D700	436.83	72.77	77.40		78.18	0.003818	3.90	111.87	29.78	0.64
GR	80	Max WS	TR200_D450	426.87	72.85	77.29		77.96	0.003354	3.62	117.79	32.18	0.60
GR	80	Max WS	TR200_D350	420.62	72.85	77.25		77.92	0.003357	3.61	116.60	32.14	0.60
GR	80	Max WS	TR200_D400	420.92	72.85	77.26		77.92	0.003343	3.60	116.82	32.15	0.60
GR	80	Max WS	TR200_D500	425.77	72.85	77.29		77.96	0.003340	3.62	117.75	32.18	0.60
GR	80	Max WS	TR200_D550	429.72	72.85	77.31		77.98	0.003351	3.63	118.34	32.20	0.60
GR	80	Max WS	TR200_D600	430.70	72.85	77.31		77.99	0.003352	3.63	118.51	32.21	0.60
GR	80	Max WS	TR200_D650	427.86	72.85	77.30		77.97	0.003337	3.62	118.16	32.20	0.60
GR	80	Max WS	TR200_D700	429.59	72.85	77.31		77.98	0.003352	3.63	118.31	32.20	0.60
GR	79.2	Max WS	TR200_D450	426.17	73.05	77.26		77.85	0.002971	3.39	125.53	33.42	0.56
GR	79.2	Max WS	TR200_D350	419.96	73.05	77.22		77.80	0.002973	3.38	124.30	33.40	0.56
GR	79.2	Max WS	TR200_D400	420.73	73.05	77.23		77.81	0.002967	3.38	124.53	33.41	0.56
GR	79.2	Max WS	TR200_D500	425.58	73.05	77.26		77.84	0.002965	3.39	125.50	33.42	0.56
GR	79.2	Max WS	TR200_D550	429.03	73.05	77.28		77.87	0.002969	3.40	126.10	33.43	0.56
GR	79.2	Max WS	TR200_D600	429.95	73.05	77.28		77.87	0.002969	3.40	126.28	33.43	0.56
GR	79.2	Max WS	TR200_D650	427.69	73.05	77.27		77.86	0.002963	3.40	125.93	33.42	0.56
GR	79.2	Max WS	TR200_D700	428.87	73.05	77.28		77.87	0.002970	3.40	126.06	33.43	0.56
GR	79	Max WS	TR200_D450	425.56	73.05	77.25	76.02	77.84	0.002976	3.40	125.33	33.42	0.56
GR	79	Max WS	TR200_D350	419.38	73.05	77.22	75.99	77.80	0.002980	3.38	124.09	33.40	0.56
GR	79	Max WS	TR200_D400	420.56	73.05	77.22	76.00	77.81	0.002979	3.38	124.34	33.40	0.56
GR	79	Max WS	TR200_D500	425.41	73.05	77.25	76.02	77.84	0.002977	3.40	125.29	33.42	0.56
GR	79	Max WS	TR200_D550	428.43	73.05	77.27	76.03	77.86	0.002975	3.40	125.90	33.42	0.56
GR	79	Max WS	TR200_D600	429.35	73.05	77.28	76.03	77.87	0.002975	3.41	126.08	33.43	0.56
GR	79	Max WS	TR200_D650	427.54	73.05	77.26	76.02	77.85	0.002976	3.40	125.72	33.42	0.56
GR	79	Max WS	TR200_D700	428.25	73.05	77.27	76.03	77.86	0.002975	3.40	125.86	33.42	0.56
GR	78.5		Inl Struct										
GR	78	Max WS	TR200_D450	425.55	70.89	75.97		76.56	0.002856	3.39	125.35	33.11	0.56
GR	78	Max WS	TR200_D350	419.38	70.89	75.94		76.52	0.002850	3.38	124.23	33.07	0.56
GR	78	Max WS	TR200_D400	420.56	70.89	75.95		76.53	0.002837	3.37	124.65	33.08	0.56
GR	78	Max WS	TR200_D500	425.41	70.89	75.98		76.56	0.002841	3.39	125.54	33.11	0.56
GR	78	Max WS	TR200_D550	428.29	70.89	75.99		76.58	0.002850	3.40	125.97	33.13	0.56
GR	78	Max WS	TR200_D600	429.35	70.89	76.00		76.59	0.002847	3.40	126.22	33.14	0.56
GR	78	Max WS	TR200_D650	427.54	70.89	75.99		76.58	0.002830	3.39	126.12	33.13	0.55
GR	78	Max WS	TR200_D700	428.25	70.89	75.99		76.58	0.002843	3.40	126.06	33.13	0.56
GR	77.909*	Max WS	TR200_D450	424.13	70.76	75.91		76.49	0.002745	3.37	125.97	33.02	0.55
GR	77.909*	Max WS	TR200_D350	418.05	70.76	75.88		76.45	0.002738	3.35	124.87	32.97	0.55
GR	77.909*	Max WS	TR200_D400	420.18	70.76	75.90		76.47	0.002734	3.35	125.35	32.99	0.55
GR	77.909*	Max WS	TR200_D500	425.01	70.76	75.92		76.50	0.002740	3.37	126.24	33.03	0.55
GR	77.909*	Max WS	TR200_D550	426.86	70.76	75.93		76.51	0.002739	3.37	126.61	33.05	0.55
GR	77.909*	Max WS	TR200_D600	427.94	70.76	75.94		76.52	0.002737	3.37	126.85	33.06	0.55
GR	77.909*	Max WS	TR200_D650	427.18	70.76	75.94		76.52	0.002729	3.37	126.83	33.06	0.55
GR	77.909*	Max WS	TR200_D700	426.83	70.76	75.94		76.52	0.002733	3.37	126.70	33.05	0.55
GR	77.818*	Max WS	TR200_D450	423.58	70.63	75.86		76.43	0.002637	3.33	127.18	33.23	0.54
GR	77.818*	Max WS	TR200_D350	417.54	70.63	75.83		76.39	0.002629	3.31	126.09	33.18	0.54
GR	77.818*	Max WS	TR200_D400	420.05	70.63	75.84		76.40	0.002629	3.32	126.59	33.21	0.54

HEC-RAS River: Greve Reach: GR 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
GR	77.818*	Max WS	TR200_D500	424.88	70.63	75.87		76.44	0.002636	3.33	127.48	33.24	0.54
GR	77.818*	Max WS	TR200_D550	426.29	70.63	75.88		76.45	0.002631	3.33	127.83	33.26	0.54
GR	77.818*	Max WS	TR200_D600	427.34	70.63	75.89		76.46	0.002630	3.34	128.07	33.27	0.54
GR	77.818*	Max WS	TR200_D650	427.03	70.63	75.89		76.45	0.002625	3.33	128.08	33.27	0.54
GR	77.818*	Max WS	TR200_D700	426.25	70.63	75.88		76.45	0.002625	3.33	127.92	33.26	0.54
GR	77.727*	Max WS	TR200_D450	423.36	70.51	75.81		76.37	0.002597	3.32	127.62	33.09	0.54
GR	77.727*	Max WS	TR200_D350	417.33	70.51	75.78		76.33	0.002587	3.30	126.53	33.03	0.54
GR	77.727*	Max WS	TR200_D400	420.00	70.51	75.79		76.35	0.002589	3.31	127.04	33.06	0.54
GR	77.727*	Max WS	TR200_D500	424.83	70.51	75.82		76.38	0.002597	3.32	127.92	33.10	0.54
GR	77.727*	Max WS	TR200_D550	426.06	70.51	75.83		76.39	0.002591	3.32	128.26	33.12	0.54
GR	77.727*	Max WS	TR200_D600	427.11	70.51	75.84		76.40	0.002590	3.32	128.51	33.14	0.54
GR	77.727*	Max WS	TR200_D650	426.95	70.51	75.84		76.40	0.002587	3.32	128.53	33.14	0.54
GR	77.727*	Max WS	TR200_D700	426.03	70.51	75.83		76.39	0.002585	3.32	128.37	33.13	0.54
GR	77.636*	Max WS	TR200_D450	423.27	70.38	75.73		76.45	0.003210	3.77	112.16	25.49	0.57
GR	77.636*	Max WS	TR200_D350	417.25	70.38	75.69		76.41	0.003190	3.75	111.32	25.49	0.57
GR	77.636*	Max WS	TR200_D400	419.97	70.38	75.71		76.43	0.003198	3.76	111.72	25.49	0.57
GR	77.636*	Max WS	TR200_D500	424.80	70.38	75.73		76.46	0.003214	3.78	112.39	25.49	0.57
GR	77.636*	Max WS	TR200_D550	426.01	70.38	75.74		76.47	0.003211	3.78	112.64	25.49	0.57
GR	77.636*	Max WS	TR200_D600	427.00	70.38	75.75		76.48	0.003210	3.78	112.84	25.49	0.57
GR	77.636*	Max WS	TR200_D650	426.92	70.38	75.75		76.48	0.003207	3.78	112.85	25.49	0.57
GR	77.636*	Max WS	TR200_D700	425.93	70.38	75.75		76.48	0.003203	3.78	112.72	25.49	0.57
GR	77.545*	Max WS	TR200_D450	423.22	70.25	75.64		76.24	0.002696	3.43	123.40	30.84	0.55
GR	77.545*	Max WS	TR200_D350	417.20	70.25	75.61		76.20	0.002682	3.41	122.45	30.82	0.55
GR	77.545*	Max WS	TR200_D400	419.95	70.25	75.63		76.22	0.002687	3.42	122.91	30.83	0.55
GR	77.545*	Max WS	TR200_D500	424.79	70.25	75.65		76.25	0.002697	3.43	123.69	30.85	0.55
GR	77.545*	Max WS	TR200_D550	425.91	70.25	75.66		76.26	0.002691	3.43	124.00	30.86	0.55
GR	77.545*	Max WS	TR200_D600	426.94	70.25	75.67		76.27	0.002689	3.44	124.22	30.86	0.55
GR	77.545*	Max WS	TR200_D650	426.88	70.25	75.67		76.27	0.002687	3.44	124.24	30.86	0.55
GR	77.545*	Max WS	TR200_D700	425.87	70.25	75.66		76.26	0.002685	3.43	124.09	30.86	0.55
GR	77.455*	Max WS	TR200_D450	423.19	70.13	75.59		76.20	0.002780	3.48	121.75	30.39	0.55
GR	77.455*	Max WS	TR200_D350	417.17	70.13	75.56		76.16	0.002765	3.45	120.81	30.36	0.55
GR	77.455*	Max WS	TR200_D400	419.94	70.13	75.57		76.18	0.002771	3.46	121.26	30.37	0.55
GR	77.455*	Max WS	TR200_D500	424.77	70.13	75.60		76.21	0.002782	3.48	122.03	30.40	0.55
GR	77.455*	Max WS	TR200_D550	425.87	70.13	75.61		76.22	0.002776	3.48	122.34	30.41	0.55
GR	77.455*	Max WS	TR200_D600	426.91	70.13	75.61		76.23	0.002774	3.48	122.56	30.42	0.55
GR	77.455*	Max WS	TR200_D650	426.88	70.13	75.61		76.23	0.002772	3.48	122.59	30.42	0.55
GR	77.455*	Max WS	TR200_D700	425.85	70.13	75.61		76.23	0.002769	3.48	122.44	30.42	0.55
GR	77.364*	Max WS	TR200_D450	423.18	70.00	75.53		76.16	0.002879	3.51	120.69	30.66	0.56
GR	77.364*	Max WS	TR200_D350	417.16	70.00	75.50		76.12	0.002859	3.48	119.75	30.56	0.56
GR	77.364*	Max WS	TR200_D400	419.93	70.00	75.51		76.14	0.002867	3.49	120.21	30.61	0.56
GR	77.364*	Max WS	TR200_D500	424.77	70.00	75.54		76.17	0.002882	3.51	120.97	30.69	0.56
GR	77.364*	Max WS	TR200_D550	425.85	70.00	75.55		76.18	0.002877	3.51	121.28	30.72	0.56
GR	77.364*	Max WS	TR200_D600	426.90	70.00	75.56		76.19	0.002876	3.51	121.51	30.74	0.56
GR	77.364*	Max WS	TR200_D650	426.87	70.00	75.56		76.19	0.002873	3.51	121.54	30.75	0.56
GR	77.364*	Max WS	TR200_D700	425.83	70.00	75.55		76.18	0.002869	3.51	121.39	30.73	0.56
GR	77.273*	Max WS	TR200_D450	423.17	69.87	75.47		76.10	0.002976	3.51	120.41	31.50	0.57
GR	77.273*	Max WS	TR200_D350	417.15	69.87	75.44		76.07	0.002960	3.49	119.45	31.45	0.57
GR	77.273*	Max WS	TR200_D400	419.93	69.87	75.46		76.08	0.002966	3.50	119.91	31.48	0.57
GR	77.273*	Max WS	TR200_D500	424.76	69.87	75.48		76.12	0.002978	3.52	120.69	31.51	0.57
GR	77.273*	Max WS	TR200_D550	425.85	69.87	75.49		76.13	0.002969	3.52	121.01	31.53	0.57
GR	77.273*	Max WS	TR200_D600	426.89	69.87	75.50		76.13	0.002967	3.52	121.25	31.54	0.57
GR	77.273*	Max WS	TR200_D650	426.87	69.87	75.50		76.13	0.002964	3.52	121.28	31.54	0.57
GR	77.273*	Max WS	TR200_D700	425.82	69.87	75.50		76.13	0.002961	3.52	121.13	31.53	0.57
GR	77.182*	Max WS	TR200_D450	421.93	69.74	75.42		76.05	0.003055	3.52	119.84	30.87	0.57
GR	77.182*	Max WS	TR200_D350	416.03	69.74	75.39		76.01	0.003042	3.50	118.90	30.87	0.57
GR	77.182*	Max WS	TR200_D400	418.76	69.74	75.40		76.03	0.003047	3.51	119.35	30.87	0.57
GR	77.182*	Max WS	TR200_D500	423.49	69.74	75.43		76.06	0.003057	3.53	120.12	30.87	0.57
GR	77.182*	Max WS	TR200_D550	424.54	69.74	75.44		76.07	0.003047	3.53	120.44	30.87	0.57
GR	77.182*	Max WS	TR200_D600	425.55	69.74	75.44		76.08	0.003043	3.53	120.67	30.87	0.57
GR	77.182*	Max WS	TR200_D650	425.52	69.74	75.45		76.08	0.003040	3.53	120.71	30.87	0.57
GR	77.182*	Max WS	TR200_D700	424.49	69.74	75.44		76.07	0.003037	3.52	120.56	30.87	0.57
GR	77.091*	Max WS	TR200_D450	412.53	69.62	75.36		75.95	0.002955	3.42	120.60	31.24	0.56
GR	77.091*	Max WS	TR200_D350	406.99	69.62	75.33		75.92	0.002945	3.40	119.67	31.24	0.56
GR	77.091*	Max WS	TR200_D400	409.54	69.62	75.34		75.93	0.002948	3.41	120.12	31.24	0.56
GR	77.091*	Max WS	TR200_D500	413.99	69.62	75.37		75.96	0.002956	3.42	120.87	31.24	0.56
GR	77.091*	Max WS	TR200_D550	414.90	69.62	75.38		75.97	0.002943	3.42	121.22	31.24	0.56
GR	77.091*	Max WS	TR200_D600	415.81	69.62	75.38		75.98	0.002938	3.42	121.45	31.24	0.56
GR	77.091*	Max WS	TR200_D650	415.78	69.62	75.38		75.98	0.002935	3.42	121.49	31.24	0.56
GR	77.091*	Max WS	TR200_D700	414.80	69.62	75.38		75.98	0.002932	3.42	121.35	31.24	0.56
GR	77	Max WS	TR200_D450	399.90	69.49	75.27		75.63	0.001924	2.69	153.55	46.33	0.45
GR	77	Max WS	TR200_D350	394.74	69.49	75.24		75.60	0.001925	2.68	152.26	46.33	0.45
GR	77	Max WS	TR200_D400	397.11	69.49	75.26		75.61	0.001923	2.68	152.89	46.33	0.45
GR	77	Max WS	TR200_D500	400.48	69.49	75.28		75.64	0.001914	2.69	153.96	46.33	0.45
GR	77	Max WS	TR200_D550	401.96	69.49	75.29		75.65	0.001906	2.69	154.51	46.33	0.45
GR	77	Max WS	TR200_D600	402.80	69.49	75.30		75.66	0.001900	2.69	154.88	46.33	0.45
GR	77	Max WS	TR200_D650	402.75	69.49	75.30		75.66	0.001897	2.68	154.95	46.33	0.45
GR	77	Max WS	TR200_D700	401.83	69.49	75.30		75.65	0.001896	2.68	154.77	46.33	0.45
GR	76.900*	Max WS	TR200_D450	388.91	69.41	75.17		75.73	0.002815	3.31	117.50	30.52	0.54
GR	76.900*	Max WS	TR200_D350	383.96	69.41	75.14		75.70	0.002806	3.29	116.64	30.52	0.54
GR	76.900*	Max WS	TR200_D400	386.32	69.41	75.16		75.71	0.002810	3.30	117.06	30.52	0.54
GR	76.900*	Max WS	TR200_D500	390.43	69.41	75.18		75.74	0.002819	3.32	117.75	30.52	0.54
GR	76.900*	Max WS	TR200_D550	393.06	69.41	75.19		75.76	0.002834	3.33	118.06	30.52	0.54
GR	76.900*	Max WS	TR200_D600	394.29	69.41	75.20		75.76	0.002835	3.33	118.29	30.52	0.54
GR	76.900*	Max WS	TR200_D650	394.35	69.41	75.20		75.77	0.002833	3.33	118.33	30.52	0.54
GR	76.900*	Max WS	TR200_D700	393.38	69.41	75.19		75.76	0.002828	3.33	118.20	30.52	0.54
GR	76.800*	Max WS	TR200_D450	377.07	69.33	75.12		75.64	0.002568	3.19	118.08	30.36	0.52
GR	76.800*	Max WS	TR200_D350	372.43	69.33	75.09		75.61	0.002560	3.18	117.24	30.36	0.52

HEC-RAS River: Greve Reach: GR 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
GR	76.800*	Max WS	TR200_D400	374.64	69.33	75.11		75.62	0.002563	3.18	117.65	30.36	0.52
GR	76.800*	Max WS	TR200_D500	378.50	69.33	75.13		75.65	0.002571	3.20	118.33	30.36	0.52
GR	76.800*	Max WS	TR200_D550	380.90	69.33	75.14		75.67	0.002584	3.21	118.62	30.36	0.52
GR	76.800*	Max WS	TR200_D600	382.13	69.33	75.15		75.67	0.002585	3.22	118.85	30.36	0.52
GR	76.800*	Max WS	TR200_D650	382.11	69.33	75.15		75.68	0.002582	3.21	118.89	30.36	0.52
GR	76.800*	Max WS	TR200_D700	381.25	69.33	75.14		75.67	0.002579	3.21	118.77	30.36	0.52
GR	76.700*	Max WS	TR200_D450	366.74	69.24	75.08		75.57	0.002362	3.09	118.67	30.20	0.50
GR	76.700*	Max WS	TR200_D350	362.36	69.24	75.05		75.53	0.002356	3.07	117.85	30.20	0.50
GR	76.700*	Max WS	TR200_D400	364.45	69.24	75.07		75.55	0.002358	3.08	118.26	30.20	0.50
GR	76.700*	Max WS	TR200_D500	368.10	69.24	75.09		75.58	0.002365	3.10	118.92	30.20	0.50
GR	76.700*	Max WS	TR200_D550	370.37	69.24	75.10		75.59	0.002377	3.11	119.21	30.20	0.50
GR	76.700*	Max WS	TR200_D600	371.49	69.24	75.10		75.60	0.002378	3.11	119.43	30.20	0.50
GR	76.700*	Max WS	TR200_D650	371.52	69.24	75.11		75.60	0.002375	3.11	119.47	30.20	0.50
GR	76.700*	Max WS	TR200_D700	370.71	69.24	75.10		75.59	0.002371	3.11	119.36	30.20	0.50
GR	76.600*	Max WS	TR200_D450	357.87	69.16	75.04		75.50	0.002197	3.00	119.19	30.04	0.48
GR	76.600*	Max WS	TR200_D350	353.68	69.16	75.02		75.47	0.002192	2.99	118.37	30.04	0.48
GR	76.600*	Max WS	TR200_D400	355.68	69.16	75.03		75.49	0.002194	2.99	118.77	30.04	0.48
GR	76.600*	Max WS	TR200_D500	359.17	69.16	75.05		75.51	0.002200	3.01	119.43	30.04	0.48
GR	76.600*	Max WS	TR200_D550	361.35	69.16	75.06		75.52	0.002211	3.02	119.71	30.04	0.48
GR	76.600*	Max WS	TR200_D600	362.41	69.16	75.07		75.53	0.002211	3.02	119.93	30.04	0.48
GR	76.600*	Max WS	TR200_D650	362.43	69.16	75.07		75.53	0.002209	3.02	119.98	30.04	0.48
GR	76.600*	Max WS	TR200_D700	361.66	69.16	75.07		75.53	0.002206	3.02	119.87	30.04	0.48
GR	76.500*	Max WS	TR200_D450	351.18	69.08	75.01		75.45	0.002085	2.95	119.08	29.88	0.47
GR	76.500*	Max WS	TR200_D350	347.14	69.08	74.98		75.42	0.002081	2.94	118.26	29.88	0.47
GR	76.500*	Max WS	TR200_D400	349.06	69.08	74.99		75.44	0.002082	2.94	118.66	29.88	0.47
GR	76.500*	Max WS	TR200_D500	352.45	69.08	75.02		75.46	0.002088	2.95	119.31	29.88	0.47
GR	76.500*	Max WS	TR200_D550	354.56	69.08	75.03		75.47	0.002099	2.97	119.58	29.88	0.47
GR	76.500*	Max WS	TR200_D600	355.52	69.08	75.03		75.48	0.002098	2.97	119.80	29.88	0.47
GR	76.500*	Max WS	TR200_D650	355.60	69.08	75.03		75.48	0.002097	2.97	119.85	29.88	0.47
GR	76.500*	Max WS	TR200_D700	354.85	69.08	75.03		75.48	0.002094	2.96	119.74	29.88	0.47
GR	76.400*	Max WS	TR200_D450	353.12	69.00	74.96		75.41	0.002102	2.96	119.38	29.72	0.47
GR	76.400*	Max WS	TR200_D350	349.06	69.00	74.94		75.38	0.002097	2.94	118.57	29.72	0.47
GR	76.400*	Max WS	TR200_D400	351.00	69.00	74.95		75.39	0.002099	2.95	118.97	29.72	0.47
GR	76.400*	Max WS	TR200_D500	354.38	69.00	74.97		75.42	0.002104	2.96	119.62	29.72	0.47
GR	76.400*	Max WS	TR200_D550	356.51	69.00	74.98		75.43	0.002116	2.97	119.87	29.72	0.47
GR	76.400*	Max WS	TR200_D600	357.52	69.00	74.99		75.44	0.002116	2.98	120.09	29.72	0.47
GR	76.400*	Max WS	TR200_D650	357.52	69.00	74.99		75.44	0.002113	2.98	120.15	29.72	0.47
GR	76.400*	Max WS	TR200_D700	356.80	69.00	74.99		75.44	0.002111	2.97	120.04	29.72	0.47
GR	76.300*	Max WS	TR200_D450	362.53	68.92	74.90		75.38	0.002269	3.07	117.92	29.55	0.49
GR	76.300*	Max WS	TR200_D350	358.29	68.92	74.87		75.35	0.002262	3.06	117.13	29.55	0.49
GR	76.300*	Max WS	TR200_D400	360.31	68.92	74.89		75.36	0.002265	3.07	117.52	29.55	0.49
GR	76.300*	Max WS	TR200_D500	363.83	68.92	74.91		75.39	0.002272	3.08	118.15	29.55	0.49
GR	76.300*	Max WS	TR200_D550	366.05	68.92	74.91		75.40	0.002286	3.09	118.40	29.55	0.49
GR	76.300*	Max WS	TR200_D600	367.09	68.92	74.92		75.41	0.002285	3.09	118.62	29.55	0.49
GR	76.300*	Max WS	TR200_D650	367.10	68.92	74.92		75.41	0.002282	3.09	118.68	29.55	0.49
GR	76.300*	Max WS	TR200_D700	366.33	68.92	74.92		75.41	0.002279	3.09	118.57	29.55	0.49
GR	76.200*	Max WS	TR200_D450	374.92	68.83	74.82		75.36	0.002458	3.24	115.79	27.67	0.51
GR	76.200*	Max WS	TR200_D350	370.42	68.83	74.80		75.32	0.002445	3.22	115.07	27.67	0.50
GR	76.200*	Max WS	TR200_D400	372.58	68.83	74.81		75.34	0.002451	3.23	115.43	27.67	0.50
GR	76.200*	Max WS	TR200_D500	376.30	68.83	74.83		75.37	0.002463	3.24	116.00	27.67	0.51
GR	76.200*	Max WS	TR200_D550	378.63	68.83	74.84		75.38	0.002479	3.26	116.22	27.67	0.51
GR	76.200*	Max WS	TR200_D600	379.73	68.83	74.85		75.39	0.002481	3.26	116.43	27.67	0.51
GR	76.200*	Max WS	TR200_D650	379.76	68.83	74.85		75.39	0.002478	3.26	116.48	27.67	0.51
GR	76.200*	Max WS	TR200_D700	378.94	68.83	74.84		75.38	0.002473	3.26	116.38	27.67	0.51
GR	76.100*	Max WS	TR200_D450	389.66	68.75	74.75		75.34	0.002737	3.41	114.43	27.42	0.53
GR	76.100*	Max WS	TR200_D350	384.84	68.75	74.72		75.30	0.002720	3.38	113.72	27.42	0.53
GR	76.100*	Max WS	TR200_D400	387.16	68.75	74.73		75.32	0.002728	3.39	114.07	27.42	0.53
GR	76.100*	Max WS	TR200_D500	391.13	68.75	74.75		75.35	0.002743	3.41	114.64	27.42	0.53
GR	76.100*	Max WS	TR200_D550	393.58	68.75	74.76		75.36	0.002761	3.43	114.85	27.42	0.53
GR	76.100*	Max WS	TR200_D600	394.75	68.75	74.77		75.37	0.002763	3.43	115.06	27.42	0.53
GR	76.100*	Max WS	TR200_D650	394.81	68.75	74.77		75.37	0.002761	3.43	115.11	27.42	0.53
GR	76.100*	Max WS	TR200_D700	393.94	68.75	74.77		75.36	0.002755	3.43	115.01	27.42	0.53
GR	76	Max WS	TR200_D450	397.27	68.67	74.68		75.31	0.003015	3.51	113.17	27.93	0.56
GR	76	Max WS	TR200_D350	392.30	68.67	74.65		75.27	0.002952	3.49	112.45	27.52	0.55
GR	76	Max WS	TR200_D400	394.69	68.67	74.66		75.29	0.002982	3.50	112.81	27.72	0.55
GR	76	Max WS	TR200_D500	398.79	68.67	74.69		75.32	0.003034	3.52	113.38	28.05	0.56
GR	76	Max WS	TR200_D550	401.26	68.67	74.69		75.33	0.003068	3.53	113.60	28.17	0.56
GR	76	Max WS	TR200_D600	402.47	68.67	74.70		75.34	0.003083	3.54	113.81	28.28	0.56
GR	76	Max WS	TR200_D650	402.54	68.67	74.70		75.34	0.003083	3.54	113.86	28.31	0.56
GR	76	Max WS	TR200_D700	401.66	68.67	74.70		75.33	0.003071	3.53	113.76	28.26	0.56
GR	75.920*	Max WS	TR200_D450	392.37	68.61	74.62		75.20	0.002726	3.39	115.66	28.06	0.53
GR	75.920*	Max WS	TR200_D350	387.48	68.61	74.59		75.17	0.002707	3.37	114.96	28.06	0.53
GR	75.920*	Max WS	TR200_D400	389.84	68.61	74.60		75.19	0.002715	3.38	115.30	28.06	0.53
GR	75.920*	Max WS	TR200_D500	393.85	68.61	74.62		75.21	0.002732	3.40	115.86	28.06	0.53
GR	75.920*	Max WS	TR200_D550	396.23	68.61	74.63		75.23	0.002751	3.41	116.06	28.06	0.54
GR	75.920*	Max WS	TR200_D600	397.43	68.61	74.64		75.23	0.002753	3.42	116.25	28.06	0.54
GR	75.920*	Max WS	TR200_D650	397.47	68.61	74.64		75.24	0.002750	3.42	116.31	28.06	0.54
GR	75.920*	Max WS	TR200_D700	396.65	68.61	74.64		75.23	0.002745	3.41	116.22	28.06	0.54
GR	75.840*	Max WS	TR200_D450	387.04	68.55	74.57		75.12	0.002529	3.29	117.67	28.63	0.52
GR	75.840*	Max WS	TR200_D350	382.30	68.55	74.54		75.09	0.002512	3.27	116.98	28.63	0.52
GR	75.840*	Max WS	TR200_D400	384.59	68.55	74.55		75.10	0.002520	3.28	117.32	28.63	0.52
GR	75.840*	Max WS	TR200_D500	388.48	68.55	74.57		75.13	0.002535	3.30	117.87	28.63	0.52
GR	75.840*	Max WS	TR200_D550	390.79	68.55	74.58		75.14	0.002554	3.31	118.06	28.63	0.52
GR	75.840*	Max WS	TR200_D600	391.95	68.55	74.59		75.15	0.002556	3.31	118.26	28.63	0.52
GR	75.840*	Max WS	TR200_D650	391.99	68.55	74.59		75.15	0.002552	3.31	118.32	28.63	0.52
GR	75.840*	Max WS	TR200_D700	391.19	68.55	74.59		75.14	0.002547	3.31	118.23	28.63	0.52
GR	75.760*	Max WS	TR200_D450	381.68	68.49	74.52		75.07	0.002345	3.29	116.15	25.75	0.49

HEC-RAS River: Greve Reach: GR 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
GR	75.760*	Max WS	TR200_D350	377.09	68.49	74.50		75.04	0.002325	3.26	115.54	25.75	0.49
GR	75.760*	Max WS	TR200_D400	379.33	68.49	74.51		75.06	0.002334	3.27	115.85	25.75	0.49
GR	75.760*	Max WS	TR200_D500	383.07	68.49	74.53		75.08	0.002351	3.29	116.34	25.75	0.49
GR	75.760*	Max WS	TR200_D550	385.29	68.49	74.54		75.09	0.002369	3.31	116.49	25.75	0.50
GR	75.760*	Max WS	TR200_D600	386.37	68.49	74.54		75.10	0.002372	3.31	116.67	25.75	0.50
GR	75.760*	Max WS	TR200_D650	386.42	68.49	74.55		75.10	0.002369	3.31	116.73	25.75	0.50
GR	75.760*	Max WS	TR200_D700	385.66	68.49	74.54		75.10	0.002364	3.31	116.65	25.75	0.50
GR	75.680*	Max WS	TR200_D450	377.98	68.43	74.48		75.00	0.002188	3.17	119.12	26.56	0.48
GR	75.680*	Max WS	TR200_D350	373.48	68.43	74.46		74.97	0.002169	3.15	118.51	26.56	0.48
GR	75.680*	Max WS	TR200_D400	375.68	68.43	74.47		74.98	0.002178	3.16	118.82	26.56	0.48
GR	75.680*	Max WS	TR200_D500	379.34	68.43	74.49		75.01	0.002194	3.18	119.31	26.56	0.48
GR	75.680*	Max WS	TR200_D550	381.43	68.43	74.50		75.02	0.002210	3.19	119.46	26.56	0.48
GR	75.680*	Max WS	TR200_D600	382.55	68.43	74.50		75.02	0.002213	3.20	119.64	26.56	0.48
GR	75.680*	Max WS	TR200_D650	382.62	68.43	74.51		75.03	0.002210	3.20	119.70	26.56	0.48
GR	75.680*	Max WS	TR200_D700	381.87	68.43	74.50		75.02	0.002206	3.19	119.63	26.56	0.48
GR	75.600*	Max WS	TR200_D450	379.07	68.37	74.44		74.93	0.002097	3.10	122.31	27.78	0.47
GR	75.600*	Max WS	TR200_D350	374.55	68.37	74.42		74.90	0.002079	3.08	121.68	27.78	0.47
GR	75.600*	Max WS	TR200_D400	376.75	68.37	74.43		74.92	0.002087	3.09	121.99	27.78	0.47
GR	75.600*	Max WS	TR200_D500	380.43	68.37	74.45		74.94	0.002102	3.11	122.49	27.78	0.47
GR	75.600*	Max WS	TR200_D550	382.53	68.37	74.45		74.95	0.002118	3.12	122.64	27.78	0.47
GR	75.600*	Max WS	TR200_D600	383.67	68.37	74.46		74.96	0.002121	3.12	122.82	27.78	0.47
GR	75.600*	Max WS	TR200_D650	383.71	68.37	74.46		74.96	0.002118	3.12	122.89	27.78	0.47
GR	75.600*	Max WS	TR200_D700	382.96	68.37	74.46		74.96	0.002114	3.12	122.81	27.78	0.47
GR	75.520*	Max WS	TR200_D450	377.88	68.31	74.41		74.87	0.002022	3.03	124.86	28.59	0.46
GR	75.520*	Max WS	TR200_D350	373.44	68.31	74.38		74.84	0.002005	3.01	124.22	28.59	0.46
GR	75.520*	Max WS	TR200_D400	375.60	68.31	74.39		74.86	0.002013	3.02	124.54	28.59	0.46
GR	75.520*	Max WS	TR200_D500	379.21	68.31	74.41		74.88	0.002027	3.03	125.04	28.59	0.46
GR	75.520*	Max WS	TR200_D550	381.30	68.31	74.42		74.89	0.002043	3.05	125.18	28.59	0.46
GR	75.520*	Max WS	TR200_D600	382.39	68.31	74.42		74.90	0.002045	3.05	125.38	28.59	0.47
GR	75.520*	Max WS	TR200_D650	382.45	68.31	74.43		74.90	0.002042	3.05	125.45	28.59	0.46
GR	75.520*	Max WS	TR200_D700	381.72	68.31	74.42		74.90	0.002038	3.04	125.37	28.59	0.46
GR	75.440*	Max WS	TR200_D450	371.73	68.25	74.38		74.83	0.001935	2.98	124.77	27.42	0.45
GR	75.440*	Max WS	TR200_D350	367.53	68.25	74.35		74.80	0.001919	2.96	124.16	27.42	0.44
GR	75.440*	Max WS	TR200_D400	369.58	68.25	74.36		74.81	0.001927	2.97	124.46	27.42	0.45
GR	75.440*	Max WS	TR200_D500	372.99	68.25	74.38		74.84	0.001940	2.99	124.94	27.42	0.45
GR	75.440*	Max WS	TR200_D550	375.00	68.25	74.39		74.84	0.001956	3.00	125.06	27.42	0.45
GR	75.440*	Max WS	TR200_D600	376.02	68.25	74.39		74.85	0.001957	3.00	125.25	27.42	0.45
GR	75.440*	Max WS	TR200_D650	376.05	68.25	74.40		74.85	0.001954	3.00	125.32	27.42	0.45
GR	75.440*	Max WS	TR200_D700	375.35	68.25	74.39		74.85	0.001950	3.00	125.25	27.42	0.45
GR	75.360*	Max WS	TR200_D450	366.42	68.19	74.35		74.77	0.001865	2.86	128.14	29.05	0.43
GR	75.360*	Max WS	TR200_D350	362.84	68.19	74.33		74.74	0.001858	2.85	127.48	29.05	0.43
GR	75.360*	Max WS	TR200_D400	364.57	68.19	74.34		74.75	0.001860	2.85	127.82	29.05	0.43
GR	75.360*	Max WS	TR200_D500	367.51	68.19	74.36		74.77	0.001868	2.86	128.34	29.05	0.44
GR	75.360*	Max WS	TR200_D550	369.49	68.19	74.36		74.78	0.001883	2.88	128.45	29.05	0.44
GR	75.360*	Max WS	TR200_D600	370.30	68.19	74.37		74.79	0.001882	2.88	128.66	29.05	0.44
GR	75.360*	Max WS	TR200_D650	370.24	68.19	74.37		74.79	0.001878	2.88	128.74	29.05	0.44
GR	75.360*	Max WS	TR200_D700	369.60	68.19	74.37		74.79	0.001874	2.87	128.67	29.05	0.44
GR	75.280*	Max WS	TR200_D450	371.35	68.13	74.31		74.72	0.001898	2.86	129.99	29.64	0.44
GR	75.280*	Max WS	TR200_D350	368.26	68.13	74.28		74.70	0.001898	2.85	129.29	29.64	0.44
GR	75.280*	Max WS	TR200_D400	369.73	68.13	74.30		74.71	0.001897	2.85	129.65	29.64	0.44
GR	75.280*	Max WS	TR200_D500	372.32	68.13	74.32		74.73	0.001899	2.86	130.19	29.64	0.44
GR	75.280*	Max WS	TR200_D550	374.24	68.13	74.32		74.74	0.001914	2.87	130.30	29.64	0.44
GR	75.280*	Max WS	TR200_D600	374.98	68.13	74.33		74.75	0.001912	2.87	130.52	29.64	0.44
GR	75.280*	Max WS	TR200_D650	374.85	68.13	74.33		74.75	0.001907	2.87	130.61	29.64	0.44
GR	75.280*	Max WS	TR200_D700	374.23	68.13	74.33		74.75	0.001904	2.87	130.54	29.64	0.44
GR	75.2	Max WS	TR200_D450	371.06	68.07	74.28		74.66	0.001887	2.73	135.90	34.74	0.44
GR	75.2	Max WS	TR200_D350	368.13	68.07	74.25		74.63	0.001890	2.73	135.06	34.68	0.44
GR	75.2	Max WS	TR200_D400	369.52	68.07	74.27		74.65	0.001887	2.73	135.49	34.71	0.44
GR	75.2	Max WS	TR200_D500	371.99	68.07	74.28		74.67	0.001886	2.73	136.14	34.76	0.44
GR	75.2	Max WS	TR200_D550	373.85	68.07	74.29		74.67	0.001901	2.74	136.25	34.76	0.44
GR	75.2	Max WS	TR200_D600	374.58	68.07	74.30		74.68	0.001898	2.74	136.51	34.78	0.44
GR	75.2	Max WS	TR200_D650	374.44	68.07	74.30		74.68	0.001892	2.74	136.62	34.79	0.44
GR	75.2	Max WS	TR200_D700	373.83	68.07	74.30		74.68	0.001889	2.74	136.53	34.78	0.44
GR	75	Max WS	TR200_D450	370.58	68.07	74.25	72.02	74.66	0.001797	2.83	131.15	34.67	0.43
GR	75	Max WS	TR200_D350	367.66	68.07	74.23	72.00	74.63	0.001800	2.82	130.43	34.61	0.43
GR	75	Max WS	TR200_D400	369.05	68.07	74.24	72.01	74.65	0.001797	2.82	130.80	34.64	0.43
GR	75	Max WS	TR200_D500	371.49	68.07	74.26	72.02	74.67	0.001797	2.83	131.36	34.69	0.43
GR	75	Max WS	TR200_D550	373.28	68.07	74.26	72.03	74.67	0.001810	2.84	131.45	34.70	0.44
GR	75	Max WS	TR200_D600	374.06	68.07	74.27	72.03	74.68	0.001808	2.84	131.68	34.72	0.43
GR	75	Max WS	TR200_D650	373.93	68.07	74.27	72.03	74.68	0.001802	2.84	131.77	34.72	0.43
GR	75	Max WS	TR200_D700	373.32	68.07	74.27	72.03	74.68	0.001800	2.83	131.70	34.72	0.43
GR	74			Bridge									
GR	73	Max WS	TR200_D450	370.54	68.13	73.76		74.38	0.002822	3.50	105.97	27.22	0.53
GR	73	Max WS	TR200_D350	367.24	68.13	73.75		74.36	0.002804	3.48	105.59	27.17	0.52
GR	73	Max WS	TR200_D400	368.93	68.13	73.75		74.37	0.002813	3.49	105.79	27.20	0.52
GR	73	Max WS	TR200_D500	371.43	68.13	73.77		74.39	0.002827	3.50	106.07	27.24	0.53
GR	73	Max WS	TR200_D550	371.58	68.13	73.77		74.39	0.002828	3.50	106.10	27.24	0.53
GR	73	Max WS	TR200_D600	372.74	68.13	73.77		74.40	0.002841	3.51	106.15	27.25	0.53
GR	73	Max WS	TR200_D650	373.46	68.13	73.77		74.40	0.002846	3.52	106.22	27.26	0.53
GR	73	Max WS	TR200_D700	373.14	68.13	73.77		74.40	0.002843	3.51	106.20	27.26	0.53
GR	72.9			Lat Struct									
GR	72.85			Lat Struct									
GR	72.8	Max WS	TR200_D450	370.47	68.13	73.75		74.35	0.003123	3.44	107.83	27.19	0.55
GR	72.8	Max WS	TR200_D350	367.15	68.13	73.73		74.33	0.003100	3.42	107.40	27.14	0.55
GR	72.8	Max WS	TR200_D400	368.84	68.13	73.74		74.34	0.003112	3.43	107.62	27.16	0.55

HEC-RAS River: Greve Reach: GR 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
GR	72.8	Max WS	TR200_D500	371.36	68.13	73.75		74.36	0.003130	3.44	107.94	27.20	0.55
GR	72.8	Max WS	TR200_D550	371.50	68.13	73.76		74.36	0.003130	3.44	107.97	27.21	0.55
GR	72.8	Max WS	TR200_D600	372.61	68.13	73.76		74.36	0.003144	3.45	108.03	27.21	0.55
GR	72.8	Max WS	TR200_D650	373.36	68.13	73.76		74.37	0.003150	3.45	108.11	27.22	0.55
GR	72.8	Max WS	TR200_D700	373.06	68.13	73.76		74.37	0.003147	3.45	108.09	27.22	0.55
GR	72.667*	Max WS	TR200_D450	369.43	68.05	73.69		74.27	0.002870	3.37	109.47	26.82	0.53
GR	72.667*	Max WS	TR200_D350	366.23	68.05	73.68		74.25	0.002852	3.36	109.06	26.82	0.53
GR	72.667*	Max WS	TR200_D400	367.86	68.05	73.69		74.26	0.002861	3.37	109.27	26.82	0.53
GR	72.667*	Max WS	TR200_D500	370.29	68.05	73.70		74.28	0.002874	3.38	109.58	26.82	0.53
GR	72.667*	Max WS	TR200_D550	370.45	68.05	73.70		74.28	0.002874	3.38	109.61	26.82	0.53
GR	72.667*	Max WS	TR200_D600	371.46	68.05	73.70		74.28	0.002887	3.39	109.65	26.82	0.54
GR	72.667*	Max WS	TR200_D650	372.17	68.05	73.70		74.29	0.002891	3.39	109.73	26.82	0.54
GR	72.667*	Max WS	TR200_D700	371.87	68.05	73.70		74.29	0.002888	3.39	109.71	26.82	0.54
GR	72.533*	Max WS	TR200_D450	367.13	67.96	73.64		74.19	0.002662	3.29	111.44	27.01	0.52
GR	72.533*	Max WS	TR200_D350	364.12	67.96	73.63		74.17	0.002648	3.28	111.03	27.01	0.52
GR	72.533*	Max WS	TR200_D400	365.66	67.96	73.63		74.18	0.002655	3.29	111.25	27.01	0.52
GR	72.533*	Max WS	TR200_D500	367.93	67.96	73.64		74.20	0.002666	3.30	111.55	27.01	0.52
GR	72.533*	Max WS	TR200_D550	368.07	67.96	73.65		74.20	0.002666	3.30	111.57	27.01	0.52
GR	72.533*	Max WS	TR200_D600	368.93	67.96	73.65		74.20	0.002676	3.31	111.61	27.01	0.52
GR	72.533*	Max WS	TR200_D650	369.62	67.96	73.65		74.21	0.002681	3.31	111.69	27.01	0.52
GR	72.533*	Max WS	TR200_D700	369.41	67.96	73.65		74.21	0.002678	3.31	111.68	27.01	0.52
GR	72.400*	Max WS	TR200_D450	364.00	67.88	73.59		74.12	0.002456	3.20	113.66	27.19	0.50
GR	72.400*	Max WS	TR200_D350	361.25	67.88	73.58		74.10	0.002445	3.19	113.26	27.19	0.50
GR	72.400*	Max WS	TR200_D400	362.66	67.88	73.59		74.11	0.002450	3.20	113.47	27.19	0.50
GR	72.400*	Max WS	TR200_D500	364.72	67.88	73.60		74.12	0.002459	3.21	113.77	27.19	0.50
GR	72.400*	Max WS	TR200_D550	364.86	67.88	73.60		74.12	0.002459	3.21	113.80	27.19	0.50
GR	72.400*	Max WS	TR200_D600	365.66	67.88	73.60		74.13	0.002467	3.21	113.83	27.19	0.50
GR	72.400*	Max WS	TR200_D650	366.23	67.88	73.60		74.13	0.002470	3.22	113.90	27.19	0.50
GR	72.400*	Max WS	TR200_D700	366.09	67.88	73.60		74.13	0.002469	3.21	113.90	27.19	0.50
GR	72.267*	Max WS	TR200_D450	359.86	67.79	73.55		74.04	0.002246	3.10	116.16	27.38	0.48
GR	72.267*	Max WS	TR200_D350	357.37	67.79	73.54		74.03	0.002239	3.09	115.76	27.38	0.48
GR	72.267*	Max WS	TR200_D400	358.63	67.79	73.55		74.04	0.002242	3.09	115.97	27.38	0.48
GR	72.267*	Max WS	TR200_D500	360.49	67.79	73.56		74.05	0.002248	3.10	116.27	27.38	0.48
GR	72.267*	Max WS	TR200_D550	360.63	67.79	73.56		74.05	0.002248	3.10	116.30	27.38	0.48
GR	72.267*	Max WS	TR200_D600	361.23	67.79	73.56		74.05	0.002254	3.11	116.32	27.38	0.48
GR	72.267*	Max WS	TR200_D650	361.82	67.79	73.56		74.06	0.002257	3.11	116.40	27.38	0.48
GR	72.267*	Max WS	TR200_D700	361.70	67.79	73.56		74.06	0.002257	3.11	116.38	27.38	0.48
GR	72.133*	Max WS	TR200_D450	354.13	67.70	73.52		73.97	0.002030	2.98	118.97	27.57	0.46
GR	72.133*	Max WS	TR200_D350	351.95	67.70	73.51		73.96	0.002026	2.97	118.56	27.57	0.46
GR	72.133*	Max WS	TR200_D400	353.05	67.70	73.52		73.97	0.002027	2.97	118.78	27.57	0.46
GR	72.133*	Max WS	TR200_D500	354.69	67.70	73.53		73.98	0.002031	2.98	119.08	27.57	0.46
GR	72.133*	Max WS	TR200_D550	354.81	67.70	73.53		73.98	0.002031	2.98	119.11	27.57	0.46
GR	72.133*	Max WS	TR200_D600	355.26	67.70	73.53		73.98	0.002035	2.98	119.13	27.57	0.46
GR	72.133*	Max WS	TR200_D650	355.85	67.70	73.53		73.99	0.002037	2.99	119.21	27.57	0.46
GR	72.133*	Max WS	TR200_D700	355.79	67.70	73.53		73.98	0.002038	2.99	119.19	27.57	0.46
GR	72	Max WS	TR200_D450	347.63	67.62	73.50		73.91	0.001859	2.83	122.97	29.19	0.44
GR	72	Max WS	TR200_D350	345.76	67.62	73.48		73.89	0.001859	2.82	122.52	29.19	0.44
GR	72	Max WS	TR200_D400	346.72	67.62	73.49		73.90	0.001859	2.82	122.75	29.19	0.44
GR	72	Max WS	TR200_D500	348.11	67.62	73.50		73.91	0.001859	2.83	123.08	29.19	0.44
GR	72	Max WS	TR200_D550	348.22	67.62	73.50		73.91	0.001859	2.83	123.11	29.19	0.44
GR	72	Max WS	TR200_D600	348.56	67.62	73.50		73.91	0.001861	2.83	123.14	29.19	0.44
GR	72	Max WS	TR200_D650	349.04	67.62	73.51		73.92	0.001863	2.83	123.22	29.19	0.44
GR	72	Max WS	TR200_D700	349.03	67.62	73.51		73.92	0.001863	2.83	123.20	29.19	0.44
GR	71.889*	Max WS	TR200_D450	341.45	67.47	73.47		73.87	0.001782	2.78	122.96	29.00	0.43
GR	71.889*	Max WS	TR200_D350	339.90	67.47	73.46		73.85	0.001786	2.77	122.50	29.00	0.43
GR	71.889*	Max WS	TR200_D400	340.69	67.47	73.47		73.86	0.001784	2.78	122.74	29.00	0.43
GR	71.889*	Max WS	TR200_D500	341.85	67.47	73.48		73.87	0.001781	2.78	123.08	29.00	0.43
GR	71.889*	Max WS	TR200_D550	341.95	67.47	73.48		73.87	0.001781	2.78	123.10	29.00	0.43
GR	71.889*	Max WS	TR200_D600	342.21	67.47	73.48		73.87	0.001783	2.78	123.13	29.00	0.43
GR	71.889*	Max WS	TR200_D650	342.68	67.47	73.48		73.88	0.001784	2.78	123.21	29.00	0.43
GR	71.889*	Max WS	TR200_D700	342.64	67.47	73.48		73.88	0.001784	2.78	123.20	29.00	0.43
GR	71.778*	Max WS	TR200_D450	334.50	67.32	73.45		73.83	0.001702	2.71	123.21	29.14	0.42
GR	71.778*	Max WS	TR200_D350	333.27	67.32	73.44		73.81	0.001709	2.72	122.74	29.14	0.42
GR	71.778*	Max WS	TR200_D400	333.91	67.32	73.45		73.82	0.001705	2.71	122.99	29.14	0.42
GR	71.778*	Max WS	TR200_D500	334.84	67.32	73.46		73.83	0.001700	2.71	123.33	29.14	0.42
GR	71.778*	Max WS	TR200_D550	334.92	67.32	73.46		73.83	0.001699	2.71	123.37	29.14	0.42
GR	71.778*	Max WS	TR200_D600	335.13	67.32	73.46		73.84	0.001701	2.72	123.39	29.14	0.42
GR	71.778*	Max WS	TR200_D650	335.52	67.32	73.46		73.84	0.001701	2.72	123.47	29.14	0.42
GR	71.778*	Max WS	TR200_D700	335.49	67.32	73.46		73.84	0.001701	2.72	123.46	29.14	0.42
GR	71.667*	Max WS	TR200_D450	327.25	67.18	73.43		73.81	0.001632	2.71	120.80	27.45	0.41
GR	71.667*	Max WS	TR200_D350	326.29	67.18	73.42		73.79	0.001641	2.71	120.34	27.45	0.41
GR	71.667*	Max WS	TR200_D400	326.80	67.18	73.42		73.80	0.001636	2.71	120.58	27.45	0.41
GR	71.667*	Max WS	TR200_D500	327.53	67.18	73.44		73.81	0.001629	2.71	120.92	27.45	0.41
GR	71.667*	Max WS	TR200_D550	327.61	67.18	73.44		73.81	0.001629	2.71	120.95	27.45	0.41
GR	71.667*	Max WS	TR200_D600	327.81	67.18	73.44		73.81	0.001630	2.71	120.97	27.45	0.41
GR	71.667*	Max WS	TR200_D650	328.13	67.18	73.44		73.82	0.001630	2.71	121.05	27.45	0.41
GR	71.667*	Max WS	TR200_D700	328.12	67.18	73.44		73.82	0.001631	2.71	121.04	27.45	0.41
GR	71.556*	Max WS	TR200_D450	321.19	67.03	73.42		73.76	0.001587	2.60	123.32	29.41	0.41
GR	71.556*	Max WS	TR200_D350	320.10	67.03	73.40		73.75	0.001595	2.61	122.82	29.41	0.41
GR	71.556*	Max WS	TR200_D400	320.66	67.03	73.41		73.75	0.001591	2.61	123.08	29.41	0.41
GR	71.556*	Max WS	TR200_D500	321.49	67.03	73.42		73.77	0.001585	2.60	123.44	29.41	0.41
GR	71.556*	Max WS	TR200_D550	321.56	67.03	73.42		73.77	0.001584	2.60	123.48	29.41	0.41
GR	71.556*	Max WS	TR200_D600	321.77	67.03	73.42		73.77	0.001585	2.61	123.50	29.41	0.41
GR	71.556*	Max WS	TR200_D650	322.05	67.03	73.43		73.77	0.001585	2.61	123.59	29.41	0.41
GR	71.556*	Max WS	TR200_D700	322.03	67.03	73.42		73.77	0.001585	2.61	123.57	29.41	0.41
GR	71.444*	Max WS	TR200_D450	315.99	66.88	73.40		73.73	0.001561	2.57	122.84	29.54	0.40
GR	71.444*	Max WS	TR200_D350	315.07	66.88	73.38		73.72	0.001572	2.58	122.33	29.54	0.40

HEC-RAS River: Greve Reach: GR 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
GR	71.444*	Max WS	TR200_D400	315.54	66.88	73.39		73.73	0.001566	2.57	122.60	29.54	0.40
GR	71.444*	Max WS	TR200_D500	316.25	66.88	73.40		73.74	0.001559	2.57	122.98	29.54	0.40
GR	71.444*	Max WS	TR200_D550	316.32	66.88	73.40		73.74	0.001558	2.57	123.01	29.54	0.40
GR	71.444*	Max WS	TR200_D600	316.49	66.88	73.40		73.74	0.001559	2.57	123.03	29.54	0.40
GR	71.444*	Max WS	TR200_D650	316.74	66.88	73.41		73.74	0.001558	2.57	123.13	29.54	0.40
GR	71.444*	Max WS	TR200_D700	316.75	66.88	73.40		73.74	0.001558	2.57	123.11	29.54	0.40
GR	71.333*	Max WS	TR200_D450	310.87	66.73	73.38		73.70	0.001548	2.53	122.95	30.08	0.40
GR	71.333*	Max WS	TR200_D350	310.13	66.73	73.36		73.69	0.001561	2.53	122.41	30.08	0.40
GR	71.333*	Max WS	TR200_D400	310.51	66.73	73.37		73.69	0.001554	2.53	122.69	30.08	0.40
GR	71.333*	Max WS	TR200_D500	311.08	66.73	73.38		73.71	0.001544	2.53	123.09	30.08	0.40
GR	71.333*	Max WS	TR200_D550	311.14	66.73	73.38		73.71	0.001544	2.53	123.12	30.08	0.40
GR	71.333*	Max WS	TR200_D600	311.30	66.73	73.38		73.71	0.001544	2.53	123.15	30.08	0.40
GR	71.333*	Max WS	TR200_D650	311.50	66.73	73.39		73.71	0.001542	2.53	123.25	30.08	0.40
GR	71.333*	Max WS	TR200_D700	311.50	66.73	73.39		73.71	0.001543	2.53	123.23	30.08	0.40
GR	71.222*	Max WS	TR200_D450	307.08	66.59	73.35		73.68	0.001568	2.52	121.96	29.81	0.40
GR	71.222*	Max WS	TR200_D350	306.50	66.59	73.33		73.66	0.001584	2.52	121.41	29.81	0.40
GR	71.222*	Max WS	TR200_D400	306.79	66.59	73.34		73.67	0.001575	2.52	121.70	29.81	0.40
GR	71.222*	Max WS	TR200_D500	307.25	66.59	73.36		73.68	0.001564	2.52	122.11	29.81	0.40
GR	71.222*	Max WS	TR200_D550	307.30	66.59	73.36		73.68	0.001563	2.52	122.15	29.81	0.40
GR	71.222*	Max WS	TR200_D600	307.45	66.59	73.36		73.68	0.001564	2.52	122.17	29.81	0.40
GR	71.222*	Max WS	TR200_D650	307.60	66.59	73.36		73.69	0.001561	2.52	122.27	29.81	0.40
GR	71.222*	Max WS	TR200_D700	307.62	66.59	73.36		73.69	0.001562	2.52	122.25	29.81	0.40
GR	71.111*	Max WS	TR200_D450	302.75	66.44	73.33		73.65	0.001548	2.54	119.37	27.81	0.39
GR	71.111*	Max WS	TR200_D350	302.35	66.44	73.31		73.64	0.001565	2.54	118.84	27.81	0.39
GR	71.111*	Max WS	TR200_D400	302.56	66.44	73.32		73.65	0.001556	2.54	119.11	27.81	0.39
GR	71.111*	Max WS	TR200_D500	302.88	66.44	73.33		73.66	0.001544	2.53	119.51	27.81	0.39
GR	71.111*	Max WS	TR200_D550	302.92	66.44	73.33		73.66	0.001543	2.53	119.54	27.81	0.39
GR	71.111*	Max WS	TR200_D600	303.04	66.44	73.33		73.66	0.001544	2.53	119.56	27.81	0.39
GR	71.111*	Max WS	TR200_D650	303.17	66.44	73.34		73.66	0.001541	2.53	119.67	27.81	0.39
GR	71.111*	Max WS	TR200_D700	303.18	66.44	73.34		73.66	0.001542	2.53	119.64	27.81	0.39
GR	71	Max WS	TR200_D450	301.20	66.29	73.21	70.70	73.69	0.003283	3.07	98.11	30.52	0.55
GR	71	Max WS	TR200_D350	300.87	66.29	73.19	70.70	73.68	0.003337	3.09	97.52	30.52	0.55
GR	71	Max WS	TR200_D400	301.04	66.29	73.20	70.70	73.69	0.003308	3.08	97.83	30.52	0.55
GR	71	Max WS	TR200_D500	301.30	66.29	73.22	70.70	73.70	0.003269	3.07	98.26	30.52	0.55
GR	71	Max WS	TR200_D550	301.34	66.29	73.22	70.70	73.70	0.003266	3.07	98.30	30.52	0.55
GR	71	Max WS	TR200_D600	301.45	66.29	73.22	70.70	73.70	0.003266	3.07	98.32	30.52	0.55
GR	71	Max WS	TR200_D650	301.55	66.29	73.22	70.70	73.70	0.003257	3.06	98.44	30.52	0.54
GR	71	Max WS	TR200_D700	301.58	66.29	73.22	70.70	73.70	0.003260	3.06	98.41	30.52	0.54
GR	70		Bridge										
GR	69	Max WS	TR200_D450	301.19	66.47	71.87		72.85	0.003966	4.39	68.68	23.24	0.67
GR	69	Max WS	TR200_D350	300.87	66.47	71.84		72.83	0.004023	4.40	68.34	23.16	0.67
GR	69	Max WS	TR200_D400	301.04	66.47	71.86		72.84	0.003994	4.39	68.51	23.20	0.67
GR	69	Max WS	TR200_D500	301.30	66.47	71.88		72.85	0.003942	4.38	68.82	23.28	0.67
GR	69	Max WS	TR200_D550	301.30	66.47	71.89		72.86	0.003908	4.37	68.99	23.32	0.66
GR	69	Max WS	TR200_D600	301.42	66.47	71.90		72.87	0.003868	4.35	69.22	23.37	0.66
GR	69	Max WS	TR200_D650	301.55	66.47	71.91		72.88	0.003838	4.34	69.40	23.42	0.66
GR	69	Max WS	TR200_D700	301.58	66.47	71.92		72.88	0.003827	4.34	69.47	23.43	0.66
GR	68.9		Lat Struct										
GR	68.8		Lat Struct										
GR	68	Max WS	TR200_D450	304.85	66.70	71.58		71.89	0.002001	2.46	123.72	41.87	0.46
GR	68	Max WS	TR200_D350	304.33	66.70	71.55		71.87	0.002044	2.48	122.72	41.80	0.46
GR	68	Max WS	TR200_D400	304.63	66.70	71.56		71.88	0.002023	2.47	123.23	41.84	0.46
GR	68	Max WS	TR200_D500	305.03	66.70	71.59		71.89	0.001984	2.46	124.14	41.91	0.46
GR	68	Max WS	TR200_D550	304.85	66.70	71.60		71.90	0.001956	2.45	124.68	41.95	0.45
GR	68	Max WS	TR200_D600	304.99	66.70	71.62		71.92	0.001926	2.43	125.37	42.00	0.45
GR	68	Max WS	TR200_D650	305.25	66.70	71.63		71.93	0.001905	2.42	125.92	42.05	0.45
GR	68	Max WS	TR200_D700	305.32	66.70	71.63		71.93	0.001896	2.42	126.13	42.06	0.45
GR	67	Max WS	TR200_D450	309.56	67.20	71.53		71.98	0.003403	2.96	104.54	41.21	0.59
GR	67	Max WS	TR200_D350	307.83	67.20	71.51		71.96	0.003457	2.97	103.62	41.16	0.60
GR	67	Max WS	TR200_D400	308.77	67.20	71.52		71.97	0.003431	2.97	104.09	41.18	0.60
GR	67	Max WS	TR200_D500	312.00	67.20	71.54		71.99	0.003418	2.97	104.93	41.23	0.60
GR	67	Max WS	TR200_D550	315.09	67.20	71.56		72.01	0.003430	2.99	105.48	41.26	0.60
GR	67	Max WS	TR200_D600	318.45	67.20	71.57		72.03	0.003436	3.00	106.15	41.29	0.60
GR	67	Max WS	TR200_D650	319.66	67.20	71.58		72.04	0.003412	3.00	106.65	41.32	0.60
GR	67	Max WS	TR200_D700	320.18	67.20	71.59		72.05	0.003406	3.00	106.83	41.33	0.60
GR	66	Max WS	TR200_D450	309.88	66.31	71.51		71.95	0.003587	2.95	105.07	41.38	0.59
GR	66	Max WS	TR200_D350	308.14	66.31	71.49		71.93	0.003635	2.96	104.13	41.19	0.59
GR	66	Max WS	TR200_D400	309.01	66.31	71.50		71.94	0.003610	2.95	104.60	41.29	0.59
GR	66	Max WS	TR200_D500	311.05	66.31	71.52		71.96	0.003578	2.95	105.46	41.45	0.59
GR	66	Max WS	TR200_D550	315.42	66.31	71.53		71.99	0.003628	2.98	106.01	41.56	0.59
GR	66	Max WS	TR200_D600	318.78	66.31	71.55		72.01	0.003643	2.99	106.68	41.69	0.60
GR	66	Max WS	TR200_D650	320.01	66.31	71.56		72.02	0.003624	2.99	107.19	41.79	0.60
GR	66	Max WS	TR200_D700	320.53	66.31	71.57		72.02	0.003618	2.99	107.38	41.83	0.59
GR	65	Max WS	TR200_D450	254.51	65.49	71.05		71.34	0.001452	2.38	106.89	29.63	0.40
GR	65	Max WS	TR200_D350	254.33	65.49	71.02		71.31	0.001490	2.40	105.92	29.58	0.41
GR	65	Max WS	TR200_D400	254.46	65.49	71.04		71.33	0.001472	2.39	106.41	29.60	0.40
GR	65	Max WS	TR200_D500	255.05	65.49	71.06		71.35	0.001446	2.38	107.22	29.64	0.40
GR	65	Max WS	TR200_D550	256.48	65.49	71.07		71.36	0.001454	2.39	107.42	29.65	0.40
GR	65	Max WS	TR200_D600	258.85	65.49	71.08		71.38	0.001466	2.40	107.79	29.67	0.40
GR	65	Max WS	TR200_D650	259.85	65.49	71.10		71.39	0.001461	2.40	108.20	29.69	0.40
GR	65	Max WS	TR200_D700	260.95	65.49	71.10		71.40	0.001469	2.41	108.31	29.70	0.40
GR	64	Max WS	TR200_D450	334.30	65.13	70.63		71.05	0.002384	2.88	116.05	34.84	0.50
GR	64	Max WS	TR200_D350	330.42	65.13	70.60		71.02	0.002398	2.87	114.96	34.84	0.51
GR	64	Max WS	TR200_D400	332.37	65.13	70.61		71.03	0.002391	2.88	115.51	34.84	0.50
GR	64	Max WS	TR200_D500	335.80	65.13	70.64		71.06	0.002382	2.88	116.41	34.84	0.50

HEC-RAS River: Greve Reach: GR 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
GR	64	Max WS	TR200_D550	336.91	65.13	70.65		71.07	0.002384	2.89	116.64	34.84	0.50
GR	64	Max WS	TR200_D600	339.23	65.13	70.66		71.08	0.002391	2.90	117.04	34.84	0.50
GR	64	Max WS	TR200_D650	341.28	65.13	70.67		71.10	0.002391	2.90	117.50	34.84	0.51
GR	64	Max WS	TR200_D700	341.92	65.13	70.67		71.10	0.002390	2.91	117.65	34.84	0.51
GR	63	Max WS	TR200_D450	350.58	65.24	70.48		71.09	0.003653	3.44	101.80	31.63	0.61
GR	63	Max WS	TR200_D350	345.78	65.24	70.45		71.05	0.003664	3.43	100.79	31.63	0.61
GR	63	Max WS	TR200_D400	348.20	65.24	70.47		71.07	0.003660	3.44	101.29	31.63	0.61
GR	63	Max WS	TR200_D500	351.94	65.24	70.49		71.10	0.003645	3.45	102.12	31.63	0.61
GR	63	Max WS	TR200_D550	353.02	65.24	70.50		71.11	0.003644	3.45	102.34	31.63	0.61
GR	63	Max WS	TR200_D600	355.15	65.24	70.51		71.12	0.003648	3.46	102.69	31.63	0.61
GR	63	Max WS	TR200_D650	357.27	65.24	70.52		71.14	0.003646	3.47	103.11	31.63	0.61
GR	63	Max WS	TR200_D700	357.52	65.24	70.53		71.14	0.003637	3.46	103.24	31.63	0.61
GR	62	Max WS	TR200_D450	365.40	64.71	70.29		70.99	0.003161	3.70	98.72	23.56	0.58
GR	62	Max WS	TR200_D350	360.43	64.71	70.26		70.95	0.003140	3.68	97.99	23.51	0.58
GR	62	Max WS	TR200_D400	363.03	64.71	70.27		70.97	0.003153	3.69	98.35	23.53	0.58
GR	62	Max WS	TR200_D500	366.87	64.71	70.30		71.00	0.003164	3.71	98.96	23.57	0.58
GR	62	Max WS	TR200_D550	367.90	64.71	70.30		71.01	0.003169	3.71	99.11	23.58	0.58
GR	62	Max WS	TR200_D600	369.91	64.71	70.32		71.02	0.003180	3.72	99.37	23.60	0.58
GR	62	Max WS	TR200_D650	372.12	64.71	70.33		71.04	0.003192	3.73	99.67	23.62	0.58
GR	62	Max WS	TR200_D700	372.29	64.71	70.33		71.04	0.003186	3.73	99.77	23.62	0.58
GR	61	Max WS	TR200_D450	369.40	64.61	70.12		70.81	0.004234	3.68	100.33	30.13	0.64
GR	61	Max WS	TR200_D350	364.71	64.61	70.09		70.78	0.004244	3.67	99.42	30.13	0.64
GR	61	Max WS	TR200_D400	367.23	64.61	70.10		70.79	0.004245	3.68	99.86	30.13	0.65
GR	61	Max WS	TR200_D500	370.95	64.61	70.13		70.82	0.004230	3.69	100.63	30.13	0.64
GR	61	Max WS	TR200_D550	371.78	64.61	70.14		70.83	0.004224	3.69	100.82	30.13	0.64
GR	61	Max WS	TR200_D600	373.89	64.61	70.15		70.84	0.004232	3.70	101.13	30.13	0.64
GR	61	Max WS	TR200_D650	375.72	64.61	70.16		70.86	0.004228	3.70	101.49	30.13	0.64
GR	61	Max WS	TR200_D700	376.38	64.61	70.16		70.86	0.004226	3.70	101.61	30.13	0.64
GR	60	Max WS	TR200_D450	360.66	64.90	69.88		70.61	0.004972	3.77	95.77	32.03	0.70
GR	60	Max WS	TR200_D350	356.14	64.90	69.85		70.57	0.005011	3.76	94.77	32.03	0.70
GR	60	Max WS	TR200_D400	358.42	64.90	69.87		70.59	0.004996	3.76	95.24	32.03	0.70
GR	60	Max WS	TR200_D500	361.93	64.90	69.89		70.62	0.004952	3.77	96.11	32.03	0.69
GR	60	Max WS	TR200_D550	362.93	64.90	69.90		70.62	0.004944	3.77	96.34	32.03	0.69
GR	60	Max WS	TR200_D600	365.04	64.90	69.91		70.64	0.004952	3.78	96.64	32.03	0.69
GR	60	Max WS	TR200_D650	366.80	64.90	69.92		70.65	0.004936	3.78	97.04	32.03	0.69
GR	60	Max WS	TR200_D700	367.26	64.90	69.93		70.66	0.004925	3.78	97.19	32.03	0.69
GR	59	Max WS	TR200_D450	352.90	64.59	69.63		70.14	0.002938	3.18	111.03	32.94	0.55
GR	59	Max WS	TR200_D350	348.32	64.59	69.59		70.10	0.002950	3.17	109.96	32.94	0.55
GR	59	Max WS	TR200_D400	350.71	64.59	69.61		70.12	0.002949	3.18	110.46	32.94	0.55
GR	59	Max WS	TR200_D500	354.14	64.59	69.64		70.15	0.002928	3.18	111.41	32.94	0.55
GR	59	Max WS	TR200_D550	355.22	64.59	69.64		70.16	0.002927	3.18	111.65	32.94	0.55
GR	59	Max WS	TR200_D600	356.80	64.59	69.65		70.17	0.002927	3.19	111.96	32.94	0.55
GR	59	Max WS	TR200_D650	358.68	64.59	69.67		70.19	0.002923	3.19	112.39	32.94	0.55
GR	59	Max WS	TR200_D700	359.50	64.59	69.67		70.19	0.002924	3.19	112.54	32.94	0.55
GR	58	Max WS	TR200_D450	335.82	64.51	69.46		69.99	0.003531	3.24	103.74	34.23	0.59
GR	58	Max WS	TR200_D350	331.51	64.51	69.42		69.96	0.003566	3.23	102.56	34.23	0.60
GR	58	Max WS	TR200_D400	333.76	64.51	69.44		69.97	0.003557	3.24	103.09	34.23	0.60
GR	58	Max WS	TR200_D500	336.98	64.51	69.47		70.00	0.003510	3.24	104.16	34.23	0.59
GR	58	Max WS	TR200_D550	337.77	64.51	69.48		70.01	0.003500	3.23	104.41	34.23	0.59
GR	58	Max WS	TR200_D600	339.61	64.51	69.49		70.02	0.003505	3.24	104.73	34.23	0.59
GR	58	Max WS	TR200_D650	341.41	64.51	69.50		70.04	0.003493	3.25	105.20	34.23	0.59
GR	58	Max WS	TR200_D700	342.03	64.51	69.51		70.04	0.003489	3.25	105.36	34.23	0.59
GR	57	Max WS	TR200_D450	306.29	64.76	69.24		69.83	0.003764	3.40	90.00	28.56	0.61
GR	57	Max WS	TR200_D350	302.42	64.76	69.21		69.80	0.003804	3.40	88.95	28.55	0.62
GR	57	Max WS	TR200_D400	304.50	64.76	69.22		69.81	0.003796	3.41	89.41	28.55	0.61
GR	57	Max WS	TR200_D500	307.06	64.76	69.26		69.85	0.003732	3.40	90.40	28.56	0.61
GR	57	Max WS	TR200_D550	307.79	64.76	69.26		69.85	0.003721	3.40	90.62	28.56	0.61
GR	57	Max WS	TR200_D600	309.09	64.76	69.27		69.86	0.003719	3.40	90.88	28.56	0.61
GR	57	Max WS	TR200_D650	310.86	64.76	69.29		69.88	0.003711	3.41	91.29	28.56	0.61
GR	57	Max WS	TR200_D700	311.04	64.76	69.29		69.88	0.003695	3.40	91.45	28.56	0.61
GR	56.900*	Max WS	TR200_D450	301.94	64.91	69.19		69.71	0.003379	3.20	94.28	30.94	0.59
GR	56.900*	Max WS	TR200_D350	298.16	64.91	69.15		69.68	0.003421	3.20	93.15	30.94	0.59
GR	56.900*	Max WS	TR200_D400	300.20	64.91	69.17		69.69	0.003410	3.21	93.65	30.94	0.59
GR	56.900*	Max WS	TR200_D500	302.71	64.91	69.20		69.72	0.003347	3.20	94.72	30.94	0.58
GR	56.900*	Max WS	TR200_D550	303.43	64.91	69.21		69.73	0.003335	3.19	94.98	30.94	0.58
GR	56.900*	Max WS	TR200_D600	304.68	64.91	69.22		69.74	0.003333	3.20	95.25	30.94	0.58
GR	56.900*	Max WS	TR200_D650	306.35	64.91	69.24		69.76	0.003320	3.20	95.70	30.94	0.58
GR	56.900*	Max WS	TR200_D700	305.88	64.91	69.24		69.76	0.003291	3.19	95.88	30.94	0.58
GR	56.800*	Max WS	TR200_D450	301.60	65.05	69.15		69.62	0.003124	3.05	98.78	33.38	0.57
GR	56.800*	Max WS	TR200_D350	297.49	65.05	69.11		69.59	0.003164	3.05	97.52	33.37	0.57
GR	56.800*	Max WS	TR200_D400	299.68	65.05	69.13		69.60	0.003155	3.06	98.07	33.37	0.57
GR	56.800*	Max WS	TR200_D500	302.53	65.05	69.16		69.64	0.003094	3.05	99.28	33.38	0.56
GR	56.800*	Max WS	TR200_D550	303.30	65.05	69.17		69.65	0.003082	3.05	99.57	33.38	0.56
GR	56.800*	Max WS	TR200_D600	304.59	65.05	69.18		69.66	0.003080	3.05	99.86	33.38	0.56
GR	56.800*	Max WS	TR200_D650	306.09	65.05	69.20		69.67	0.003063	3.05	100.36	33.39	0.56
GR	56.800*	Max WS	TR200_D700	305.72	65.05	69.20		69.67	0.003035	3.04	100.58	33.39	0.56
GR	56.700*	Max WS	TR200_D450	305.10	65.20	69.11		69.56	0.002970	2.95	103.38	35.70	0.55
GR	56.700*	Max WS	TR200_D350	300.83	65.20	69.08		69.52	0.003010	2.95	102.02	35.70	0.56
GR	56.700*	Max WS	TR200_D400	303.13	65.20	69.09		69.54	0.003002	2.95	102.61	35.70	0.56
GR	56.700*	Max WS	TR200_D500	306.08	65.20	69.13		69.57	0.002940	2.94	103.94	35.70	0.55
GR	56.700*	Max WS	TR200_D550	306.92	65.20	69.14		69.58	0.002929	2.94	104.24	35.71	0.55
GR	56.700*	Max WS	TR200_D600	308.22	65.20	69.15		69.59	0.002926	2.95	104.56	35.71	0.55
GR	56.700*	Max WS	TR200_D650	309.80	65.20	69.16		69.60	0.002908	2.95	105.10	35.71	0.55
GR	56.700*	Max WS	TR200_D700	309.46	65.20	69.17		69.61	0.002881	2.94	105.34	35.71	0.55
GR	56.600*	Max WS	TR200_D450	308.44	65.35	69.08		69.50	0.002830	2.85	108.05	38.12	0.54
GR	56.600*	Max WS	TR200_D350	304.16	65.35	69.04		69.46	0.002874	2.85	106.57	38.11	0.54
GR	56.600*	Max WS	TR200_D400	306.51	65.35	69.06		69.48	0.002865	2.86	107.20	38.11	0.54

HEC-RAS River: Greve Reach: GR 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
GR	56.600*	Max WS	TR200_D500	309.59	65.35	69.10		69.51	0.002802	2.85	108.65	38.12	0.54
GR	56.600*	Max WS	TR200_D550	310.27	65.35	69.11		69.52	0.002788	2.85	108.98	38.12	0.54
GR	56.600*	Max WS	TR200_D600	311.78	65.35	69.12		69.53	0.002787	2.85	109.32	38.12	0.54
GR	56.600*	Max WS	TR200_D650	313.36	65.35	69.13		69.54	0.002768	2.85	109.90	38.12	0.54
GR	56.600*	Max WS	TR200_D700	313.06	65.35	69.14		69.55	0.002742	2.84	110.17	38.12	0.53
GR	56.500*	Max WS	TR200_D450	309.08	65.50	69.05		69.44	0.002658	2.74	112.74	40.50	0.52
GR	56.500*	Max WS	TR200_D350	304.76	65.50	69.01		69.40	0.002704	2.74	111.14	40.49	0.53
GR	56.500*	Max WS	TR200_D400	307.17	65.50	69.03		69.41	0.002694	2.75	111.82	40.50	0.53
GR	56.500*	Max WS	TR200_D500	310.26	65.50	69.07		69.45	0.002629	2.74	113.40	40.50	0.52
GR	56.500*	Max WS	TR200_D550	310.93	65.50	69.08		69.46	0.002614	2.73	113.77	40.50	0.52
GR	56.500*	Max WS	TR200_D600	312.39	65.50	69.09		69.47	0.002612	2.74	114.13	40.50	0.52
GR	56.500*	Max WS	TR200_D650	313.97	65.50	69.10		69.48	0.002593	2.74	114.76	40.51	0.52
GR	56.500*	Max WS	TR200_D700	313.70	65.50	69.11		69.49	0.002567	2.73	115.07	40.51	0.52
GR	56.2	Max WS	TR200_D450	310.65	65.95	68.98		69.28	0.002224	2.44	127.15	47.68	0.48
GR	56.2	Max WS	TR200_D350	306.38	65.95	68.94		69.24	0.002275	2.45	125.18	47.68	0.48
GR	56.2	Max WS	TR200_D400	308.82	65.95	68.96		69.26	0.002263	2.45	125.99	47.68	0.48
GR	56.2	Max WS	TR200_D500	312.10	65.95	69.00		69.30	0.002199	2.44	127.98	47.68	0.48
GR	56.2	Max WS	TR200_D550	312.79	65.95	69.01		69.31	0.002183	2.44	128.45	47.68	0.47
GR	56.2	Max WS	TR200_D600	313.78	65.95	69.02		69.32	0.002173	2.43	128.88	47.68	0.47
GR	56.2	Max WS	TR200_D650	315.02	65.95	69.03		69.33	0.002148	2.43	129.68	47.69	0.47
GR	56.2	Max WS	TR200_D700	315.49	65.95	69.04		69.34	0.002133	2.43	130.09	47.69	0.47
GR	56	Max WS	TR200_D450	311.59	65.95	68.97	67.94	69.28	0.002253	2.46	126.88	47.68	0.48
GR	56	Max WS	TR200_D350	307.35	65.95	68.93	67.92	69.24	0.002305	2.46	124.90	47.68	0.49
GR	56	Max WS	TR200_D400	309.74	65.95	68.95	67.93	69.26	0.002293	2.46	125.71	47.68	0.48
GR	56	Max WS	TR200_D500	313.05	65.95	68.99	67.94	69.30	0.002227	2.45	127.72	47.68	0.48
GR	56	Max WS	TR200_D550	313.74	65.95	69.00	67.95	69.31	0.002211	2.45	128.18	47.68	0.48
GR	56	Max WS	TR200_D600	314.74	65.95	69.01	67.95	69.32	0.002202	2.45	128.61	47.68	0.48
GR	56	Max WS	TR200_D650	315.99	65.95	69.03	67.95	69.33	0.002176	2.44	129.40	47.69	0.47
GR	56	Max WS	TR200_D700	316.47	65.95	69.04	67.95	69.34	0.002160	2.44	129.81	47.69	0.47
GR	55.5		Inl Struct										
GR	55	Max WS	TR200_D450	311.44	63.40	69.01		69.11	0.000385	1.38	226.22	50.90	0.21
GR	55	Max WS	TR200_D350	307.24	63.40	68.96		69.06	0.000387	1.37	223.94	50.90	0.21
GR	55	Max WS	TR200_D400	309.70	63.40	68.98		69.08	0.000388	1.38	224.84	50.90	0.21
GR	55	Max WS	TR200_D500	312.85	63.40	69.03		69.13	0.000384	1.38	227.21	50.90	0.21
GR	55	Max WS	TR200_D550	313.55	63.40	69.04		69.14	0.000382	1.38	227.77	50.90	0.21
GR	55	Max WS	TR200_D600	314.64	63.40	69.05		69.15	0.000382	1.38	228.27	50.90	0.21
GR	55	Max WS	TR200_D650	315.97	63.40	69.07		69.16	0.000381	1.38	229.17	50.90	0.21
GR	55	Max WS	TR200_D700	316.45	63.40	69.08		69.17	0.000380	1.38	229.62	50.90	0.21
GR	54	Max WS	TR200_D450	316.20	61.90	69.02		69.09	0.000250	1.19	264.64	51.97	0.17
GR	54	Max WS	TR200_D350	312.03	61.90	68.97		69.04	0.000250	1.19	262.31	51.97	0.17
GR	54	Max WS	TR200_D400	314.51	61.90	68.99		69.06	0.000251	1.19	263.23	51.97	0.17
GR	54	Max WS	TR200_D500	317.57	61.90	69.04		69.11	0.000249	1.20	265.66	51.97	0.17
GR	54	Max WS	TR200_D550	318.28	61.90	69.05		69.12	0.000248	1.20	266.23	51.97	0.17
GR	54	Max WS	TR200_D600	319.33	61.90	69.06		69.13	0.000248	1.20	266.73	51.97	0.17
GR	54	Max WS	TR200_D650	320.63	61.90	69.08		69.15	0.000248	1.20	267.67	51.97	0.17
GR	54	Max WS	TR200_D700	321.09	61.90	69.08		69.16	0.000247	1.20	268.11	51.97	0.17
GR	53	Max WS	TR200_D450	324.97	62.33	68.97		69.08	0.000433	1.50	216.52	47.42	0.22
GR	53	Max WS	TR200_D350	320.76	62.33	68.92		69.03	0.000435	1.50	214.38	47.42	0.22
GR	53	Max WS	TR200_D400	323.17	62.33	68.94		69.05	0.000436	1.50	215.21	47.42	0.23
GR	53	Max WS	TR200_D500	326.27	62.33	68.99		69.10	0.000431	1.50	217.44	47.42	0.22
GR	53	Max WS	TR200_D550	326.95	62.33	69.00		69.11	0.000429	1.50	217.98	47.42	0.22
GR	53	Max WS	TR200_D600	328.04	62.33	69.01		69.12	0.000429	1.50	218.42	47.42	0.22
GR	53	Max WS	TR200_D650	329.26	62.33	69.02		69.14	0.000427	1.50	219.28	47.42	0.22
GR	53	Max WS	TR200_D700	329.76	62.33	69.03		69.15	0.000426	1.50	219.70	47.42	0.22
GR	52	Max WS	TR200_D450	345.57	61.80	68.76		69.09	0.001486	2.57	134.25	28.58	0.38
GR	52	Max WS	TR200_D350	341.12	61.80	68.71		69.05	0.001489	2.56	133.00	28.58	0.38
GR	52	Max WS	TR200_D400	343.88	61.80	68.73		69.07	0.001497	2.58	133.46	28.58	0.38
GR	52	Max WS	TR200_D500	346.77	61.80	68.78		69.11	0.001477	2.57	134.82	28.58	0.38
GR	52	Max WS	TR200_D550	347.37	61.80	68.79		69.12	0.001472	2.57	135.14	28.58	0.38
GR	52	Max WS	TR200_D600	348.43	61.80	68.80		69.13	0.001472	2.57	135.41	28.58	0.38
GR	52	Max WS	TR200_D650	349.01	61.80	68.81		69.15	0.001460	2.57	135.92	28.58	0.38
GR	52	Max WS	TR200_D700	349.33	61.80	68.82		69.16	0.001454	2.56	136.19	28.58	0.38
GR	51	Max WS	TR200_D450	373.07	61.83	68.68		68.98	0.001374	2.44	152.62	38.53	0.39
GR	51	Max WS	TR200_D350	368.13	61.83	68.63		68.94	0.001385	2.44	150.92	38.53	0.39
GR	51	Max WS	TR200_D400	371.20	61.83	68.65		68.95	0.001391	2.45	151.52	38.53	0.39
GR	51	Max WS	TR200_D500	374.39	61.83	68.70		69.00	0.001362	2.44	153.41	38.53	0.39
GR	51	Max WS	TR200_D550	375.04	61.83	68.71		69.01	0.001354	2.44	153.85	38.53	0.39
GR	51	Max WS	TR200_D600	376.12	61.83	68.72		69.02	0.001352	2.44	154.22	38.53	0.39
GR	51	Max WS	TR200_D650	376.63	61.83	68.74		69.04	0.001336	2.43	154.95	38.53	0.39
GR	51	Max WS	TR200_D700	376.83	61.83	68.75		69.05	0.001328	2.43	155.31	38.53	0.39
GR	50.833*	Max WS	TR200_D450	365.13	61.74	68.59		68.98	0.001552	2.79	131.10	27.76	0.41
GR	50.833*	Max WS	TR200_D350	360.79	61.74	68.54		68.93	0.001562	2.78	129.76	27.76	0.41
GR	50.833*	Max WS	TR200_D400	363.67	61.74	68.56		68.96	0.001568	2.79	130.28	27.76	0.41
GR	50.833*	Max WS	TR200_D500	366.33	61.74	68.61		69.00	0.001542	2.78	131.67	27.76	0.41
GR	50.833*	Max WS	TR200_D550	366.82	61.74	68.62		69.01	0.001535	2.78	132.00	27.76	0.41
GR	50.833*	Max WS	TR200_D600	367.50	61.74	68.63		69.02	0.001532	2.78	132.26	27.76	0.41
GR	50.833*	Max WS	TR200_D650	367.69	61.74	68.65		69.04	0.001514	2.77	132.81	27.76	0.40
GR	50.833*	Max WS	TR200_D700	367.85	61.74	68.66		69.05	0.001507	2.76	133.08	27.76	0.40
GR	50.800*	Max WS	TR200_D450	361.31	61.72	68.57		68.86	0.001292	2.41	150.16	36.68	0.38
GR	50.800*	Max WS	TR200_D350	357.29	61.72	68.52		68.81	0.001313	2.41	148.28	36.68	0.38
GR	50.800*	Max WS	TR200_D400	360.09	61.72	68.54		68.84	0.001313	2.42	149.04	36.68	0.38
GR	50.800*	Max WS	TR200_D500	362.40	61.72	68.59		68.88	0.001279	2.40	150.96	36.68	0.38
GR	50.800*	Max WS	TR200_D550	362.83	61.72	68.60		68.90	0.001270	2.40	151.43	36.68	0.38
GR	50.800*	Max WS	TR200_D600	363.38	61.72	68.61		68.91	0.001264	2.39	151.80	36.68	0.38
GR	50.800*	Max WS	TR200_D650	363.45	61.72	68.63		68.92	0.001245	2.38	152.57	36.68	0.37
GR	50.800*	Max WS	TR200_D700	363.53	61.72	68.65		68.93	0.001236	2.38	152.96	36.68	0.37

HEC-RAS River: Greve Reach: GR 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
GR	50.667*	Max WS	TR200_D450	355.03	61.64	68.47		68.89	0.001720	2.88	123.12	25.52	0.42
GR	50.667*	Max WS	TR200_D350	351.15	61.64	68.42		68.84	0.001737	2.88	121.79	25.52	0.42
GR	50.667*	Max WS	TR200_D400	353.89	61.64	68.44		68.86	0.001742	2.89	122.31	25.52	0.42
GR	50.667*	Max WS	TR200_D500	355.99	61.64	68.49		68.91	0.001706	2.88	123.71	25.52	0.42
GR	50.667*	Max WS	TR200_D550	356.37	61.64	68.51		68.93	0.001696	2.87	124.04	25.52	0.42
GR	50.667*	Max WS	TR200_D600	356.74	61.64	68.52		68.94	0.001689	2.87	124.31	25.52	0.42
GR	50.667*	Max WS	TR200_D650	356.77	61.64	68.54		68.95	0.001666	2.86	124.87	25.52	0.41
GR	50.667*	Max WS	TR200_D700	356.73	61.64	68.55		68.96	0.001655	2.85	125.16	25.52	0.41
GR	50.600*	Max WS	TR200_D450	365.66	61.60	68.42		68.74	0.001438	2.53	144.56	34.82	0.40
GR	50.600*	Max WS	TR200_D350	361.75	61.60	68.37		68.69	0.001464	2.53	142.71	34.82	0.40
GR	50.600*	Max WS	TR200_D400	364.55	61.60	68.39		68.71	0.001464	2.54	143.41	34.82	0.40
GR	50.600*	Max WS	TR200_D500	366.40	61.60	68.44		68.77	0.001419	2.52	145.38	34.82	0.39
GR	50.600*	Max WS	TR200_D550	366.94	61.60	68.46		68.78	0.001409	2.52	145.85	34.82	0.39
GR	50.600*	Max WS	TR200_D600	367.21	61.60	68.47		68.79	0.001400	2.51	146.22	34.82	0.39
GR	50.600*	Max WS	TR200_D650	367.28	61.60	68.49		68.81	0.001377	2.50	147.05	34.82	0.39
GR	50.600*	Max WS	TR200_D700	367.17	61.60	68.50		68.82	0.001364	2.49	147.46	34.82	0.39
GR	50.500*	Max WS	TR200_D450	349.71	61.55	68.29		68.74	0.001928	2.97	117.67	25.29	0.44
GR	50.500*	Max WS	TR200_D350	346.84	61.55	68.23		68.69	0.001963	2.98	116.30	25.29	0.44
GR	50.500*	Max WS	TR200_D400	349.20	61.55	68.25		68.71	0.001964	2.99	116.80	25.29	0.44
GR	50.500*	Max WS	TR200_D500	349.95	61.55	68.31		68.76	0.001901	2.96	118.29	25.29	0.44
GR	50.500*	Max WS	TR200_D550	350.23	61.55	68.33		68.77	0.001887	2.95	118.65	25.29	0.44
GR	50.500*	Max WS	TR200_D600	350.25	61.55	68.34		68.78	0.001874	2.94	118.94	25.29	0.43
GR	50.500*	Max WS	TR200_D650	349.81	61.55	68.36		68.80	0.001840	2.93	119.56	25.29	0.43
GR	50.500*	Max WS	TR200_D700	349.43	61.55	68.38		68.81	0.001822	2.91	119.89	25.29	0.43
GR	50.400*	Max WS	TR200_D450	343.08	61.49	68.26		68.58	0.001451	2.50	137.15	32.97	0.39
GR	50.400*	Max WS	TR200_D350	340.78	61.49	68.20		68.52	0.001494	2.52	135.25	32.97	0.40
GR	50.400*	Max WS	TR200_D400	342.96	61.49	68.22		68.55	0.001491	2.52	135.92	32.97	0.40
GR	50.400*	Max WS	TR200_D500	343.22	61.49	68.28		68.60	0.001425	2.49	138.02	32.97	0.39
GR	50.400*	Max WS	TR200_D550	343.15	61.49	68.30		68.61	0.001408	2.48	138.54	32.97	0.39
GR	50.400*	Max WS	TR200_D600	343.24	61.49	68.31		68.62	0.001397	2.47	138.94	32.97	0.38
GR	50.400*	Max WS	TR200_D650	342.43	61.49	68.34		68.65	0.001363	2.45	139.84	32.97	0.38
GR	50.400*	Max WS	TR200_D700	341.89	61.49	68.35		68.66	0.001345	2.44	140.31	32.97	0.38
GR	50.333*	Max WS	TR200_D450	333.13	61.45	68.14		68.59	0.002015	2.97	112.06	24.34	0.44
GR	50.333*	Max WS	TR200_D350	331.77	61.45	68.06		68.52	0.002107	3.01	110.07	24.34	0.45
GR	50.333*	Max WS	TR200_D400	333.50	61.45	68.10		68.56	0.002072	3.00	111.10	24.34	0.45
GR	50.333*	Max WS	TR200_D500	332.90	61.45	68.17		68.61	0.001976	2.95	112.74	24.34	0.44
GR	50.333*	Max WS	TR200_D550	332.63	61.45	68.18		68.62	0.001953	2.94	113.14	24.34	0.44
GR	50.333*	Max WS	TR200_D600	332.51	61.45	68.20		68.63	0.001936	2.93	113.46	24.34	0.43
GR	50.333*	Max WS	TR200_D650	331.16	61.45	68.23		68.65	0.001885	2.90	114.18	24.34	0.43
GR	50.333*	Max WS	TR200_D700	330.40	61.45	68.24		68.66	0.001858	2.88	114.54	24.34	0.42
GR	50.200*	Max WS	TR200_D450	323.09	61.38	68.11		68.43	0.001542	2.51	128.63	31.12	0.39
GR	50.200*	Max WS	TR200_D350	322.78	61.38	68.02		68.35	0.001650	2.57	125.73	31.12	0.41
GR	50.200*	Max WS	TR200_D400	323.92	61.38	68.06		68.40	0.001602	2.55	127.27	31.12	0.40
GR	50.200*	Max WS	TR200_D500	322.47	61.38	68.14		68.46	0.001501	2.49	129.61	31.12	0.39
GR	50.200*	Max WS	TR200_D550	321.98	61.38	68.16		68.47	0.001477	2.47	130.18	31.12	0.39
GR	50.200*	Max WS	TR200_D600	321.61	61.38	68.17		68.48	0.001458	2.46	130.62	31.12	0.38
GR	50.200*	Max WS	TR200_D650	319.86	61.38	68.21		68.51	0.001408	2.43	131.67	31.12	0.38
GR	50.200*	Max WS	TR200_D700	318.86	61.38	68.22		68.52	0.001382	2.41	132.20	31.12	0.37
GR	50.167*	Max WS	TR200_D450	317.20	61.36	67.94		68.50	0.002445	3.29	96.43	18.79	0.46
GR	50.167*	Max WS	TR200_D350	317.49	61.36	67.85		68.42	0.002581	3.35	94.66	18.79	0.48
GR	50.167*	Max WS	TR200_D400	318.22	61.36	67.90		68.46	0.002522	3.33	95.59	18.79	0.47
GR	50.167*	Max WS	TR200_D500	316.43	61.36	67.98		68.52	0.002391	3.26	97.02	18.79	0.46
GR	50.167*	Max WS	TR200_D550	315.87	61.36	67.99		68.53	0.002359	3.24	97.37	18.79	0.46
GR	50.167*	Max WS	TR200_D600	315.44	61.36	68.01		68.54	0.002334	3.23	97.64	18.79	0.45
GR	50.167*	Max WS	TR200_D650	313.64	61.36	68.04		68.56	0.002265	3.19	98.29	18.79	0.45
GR	50.167*	Max WS	TR200_D700	312.63	61.36	68.06		68.57	0.002229	3.17	98.62	18.79	0.44
GR	50	Max WS	TR200_D450	304.64	61.26	67.91		68.25	0.001823	2.60	117.04	29.27	0.42
GR	50	Max WS	TR200_D350	306.68	61.26	67.80		68.17	0.002010	2.69	113.83	29.27	0.44
GR	50	Max WS	TR200_D400	306.36	61.26	67.85		68.21	0.001919	2.65	115.50	29.27	0.43
GR	50	Max WS	TR200_D500	303.37	61.26	67.94		68.28	0.001757	2.57	118.12	29.27	0.41
GR	50	Max WS	TR200_D550	302.54	61.26	67.96		68.30	0.001719	2.55	118.76	29.27	0.40
GR	50	Max WS	TR200_D600	301.86	61.26	67.98		68.31	0.001690	2.53	119.26	29.27	0.40
GR	50	Max WS	TR200_D650	299.40	61.26	68.02		68.34	0.001612	2.49	120.46	29.27	0.39
GR	50	Max WS	TR200_D700	298.05	61.26	68.04		68.35	0.001573	2.46	121.08	29.27	0.39
GR	49	Max WS	TR200_D450	438.89	61.19	67.34	65.53	67.86	0.001802	3.18	138.18	37.52	0.47
GR	49	Max WS	TR200_D350	429.74	61.19	67.24	65.49	67.75	0.001865	3.18	135.04	37.26	0.48
GR	49	Max WS	TR200_D400	434.46	61.19	67.29	65.51	67.81	0.001829	3.18	136.71	37.40	0.48
GR	49	Max WS	TR200_D500	441.98	61.19	67.38	65.54	67.89	0.001783	3.18	139.20	37.61	0.47
GR	49	Max WS	TR200_D550	443.74	61.19	67.40	65.55	67.91	0.001771	3.17	139.81	37.66	0.47
GR	49	Max WS	TR200_D600	445.10	61.19	67.41	65.56	67.93	0.001762	3.17	140.29	37.69	0.47
GR	49	Max WS	TR200_D650	446.85	61.19	67.45	65.57	67.96	0.001726	3.16	141.49	37.79	0.47
GR	49	Max WS	TR200_D700	447.63	61.19	67.47	65.57	67.98	0.001707	3.15	142.11	37.85	0.46
GR	48		Bridge										
GR	47	Max WS	TR200_D450	438.87	61.01	67.23		67.75	0.002142	3.20	137.01	33.98	0.48
GR	47	Max WS	TR200_D350	429.74	61.01	67.15		67.67	0.002161	3.19	134.82	33.88	0.48
GR	47	Max WS	TR200_D400	434.45	61.01	67.19		67.71	0.002149	3.19	135.99	33.94	0.48
GR	47	Max WS	TR200_D500	441.97	61.01	67.25		67.77	0.002137	3.21	137.72	34.01	0.48
GR	47	Max WS	TR200_D550	443.73	61.01	67.26		67.79	0.002134	3.21	138.12	34.03	0.48
GR	47	Max WS	TR200_D600	445.09	61.01	67.27		67.80	0.002131	3.21	138.45	34.04	0.48
GR	47	Max WS	TR200_D650	446.85	61.01	67.29		67.82	0.002127	3.22	138.87	34.06	0.48
GR	47	Max WS	TR200_D700	447.62	61.01	67.29		67.82	0.002126	3.22	139.06	34.07	0.48
GR	46.9		Lat Struct										
GR	46.7		Lat Struct										
GR	46	Max WS	TR200_D450	427.21	61.08	67.14		67.73	0.002861	3.42	124.86	32.28	0.56
GR	46	Max WS	TR200_D350	418.79	61.08	67.06		67.66	0.002834	3.42	122.48	31.47	0.55

HEC-RAS River: Greve Reach: GR 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
GR	46	Max WS	TR200_D400	423.10	61.08	67.10		67.70	0.002884	3.42	123.74	32.28	0.56
GR	46	Max WS	TR200_D500	430.10	61.08	67.16		67.76	0.002845	3.42	125.63	32.28	0.55
GR	46	Max WS	TR200_D550	431.74	61.08	67.17		67.77	0.002835	3.42	126.09	32.28	0.55
GR	46	Max WS	TR200_D600	433.00	61.08	67.18		67.78	0.002828	3.42	126.44	32.28	0.55
GR	46	Max WS	TR200_D650	434.67	61.08	67.20		67.80	0.002817	3.42	126.91	32.28	0.55
GR	46	Max WS	TR200_D700	435.40	61.08	67.21		67.80	0.002813	3.43	127.11	32.28	0.55
GR	45	Max WS	TR200_D450	406.20	59.89	66.98		67.48	0.002164	3.11	130.57	30.74	0.48
GR	45	Max WS	TR200_D350	398.83	59.89	66.91		67.40	0.002203	3.11	128.24	30.73	0.49
GR	45	Max WS	TR200_D400	402.56	59.89	66.95		67.44	0.002183	3.11	129.43	30.74	0.48
GR	45	Max WS	TR200_D500	408.75	59.89	67.01		67.50	0.002152	3.11	131.35	30.74	0.48
GR	45	Max WS	TR200_D550	410.21	59.89	67.02		67.52	0.002145	3.11	131.81	30.74	0.48
GR	45	Max WS	TR200_D600	411.33	59.89	67.03		67.53	0.002139	3.11	132.17	30.74	0.48
GR	45	Max WS	TR200_D650	412.80	59.89	67.05		67.54	0.002131	3.11	132.65	30.74	0.48
GR	45	Max WS	TR200_D700	413.45	59.89	67.06		67.55	0.002128	3.11	132.85	30.74	0.48
GR	44	Max WS	TR200_D450	399.59	59.90	66.91		67.36	0.001982	2.97	134.55	29.55	0.44
GR	44	Max WS	TR200_D350	392.64	59.90	66.83		67.28	0.002011	2.97	132.26	29.44	0.45
GR	44	Max WS	TR200_D400	396.19	59.90	66.87		67.32	0.001996	2.97	133.44	29.50	0.45
GR	44	Max WS	TR200_D500	401.97	59.90	66.94		67.39	0.001973	2.97	135.33	29.59	0.44
GR	44	Max WS	TR200_D550	403.32	59.90	66.95		67.40	0.001967	2.97	135.79	29.62	0.44
GR	44	Max WS	TR200_D600	404.36	59.90	66.96		67.41	0.001962	2.97	136.14	29.64	0.44
GR	44	Max WS	TR200_D650	405.74	59.90	66.98		67.43	0.001956	2.97	136.62	29.67	0.44
GR	44	Max WS	TR200_D700	406.33	59.90	66.99		67.44	0.001954	2.97	136.82	29.68	0.44
GR	43	Max WS	TR200_D450	401.20	59.82	66.83		67.25	0.001840	2.88	139.24	31.72	0.44
GR	43	Max WS	TR200_D350	393.96	59.82	66.75		67.17	0.001867	2.88	136.75	31.55	0.44
GR	43	Max WS	TR200_D400	397.68	59.82	66.79		67.21	0.001852	2.88	138.02	31.62	0.44
GR	43	Max WS	TR200_D500	403.64	59.82	66.86		67.28	0.001831	2.88	140.09	31.79	0.44
GR	43	Max WS	TR200_D550	405.04	59.82	66.87		67.29	0.001826	2.88	140.59	31.83	0.44
GR	43	Max WS	TR200_D600	406.10	59.82	66.88		67.31	0.001822	2.88	140.98	31.87	0.44
GR	43	Max WS	TR200_D650	407.51	59.82	66.90		67.32	0.001816	2.88	141.50	31.91	0.44
GR	43	Max WS	TR200_D700	408.11	59.82	66.91		67.33	0.001813	2.88	141.72	31.93	0.44
GR	42	Max WS	TR200_D450	429.95	60.00	66.65		67.24	0.002490	3.40	126.27	29.27	0.52
GR	42	Max WS	TR200_D350	421.54	60.00	66.57		67.16	0.002512	3.40	124.01	29.05	0.53
GR	42	Max WS	TR200_D400	425.86	60.00	66.61		67.20	0.002501	3.40	125.16	29.16	0.52
GR	42	Max WS	TR200_D500	432.79	60.00	66.67		67.26	0.002483	3.41	127.04	29.35	0.52
GR	42	Max WS	TR200_D550	434.42	60.00	66.69		67.28	0.002478	3.41	127.50	29.39	0.52
GR	42	Max WS	TR200_D600	435.66	60.00	66.70		67.29	0.002474	3.41	127.86	29.43	0.52
GR	42	Max WS	TR200_D650	437.31	60.00	66.72		67.31	0.002469	3.41	128.32	29.47	0.52
GR	42	Max WS	TR200_D700	438.01	60.00	66.72		67.32	0.002466	3.41	128.53	29.49	0.52
GR	41	Max WS	TR200_D450	438.73	60.06	66.50	63.92	67.03	0.004879	3.22	136.10		0.41
GR	41	Max WS	TR200_D350	429.67	60.06	66.42	63.88	66.93	0.004679	3.16	136.10		0.40
GR	41	Max WS	TR200_D400	434.32	60.06	66.46	63.89	66.98	0.004781	3.19	136.10		0.40
GR	41	Max WS	TR200_D500	441.80	60.06	66.53	63.93	67.07	0.004947	3.25	136.10		0.41
GR	41	Max WS	TR200_D550	443.56	60.06	66.55	63.94	67.09	0.004987	3.26	136.10		0.41
GR	41	Max WS	TR200_D600	444.90	60.06	66.56	63.94	67.10	0.005017	3.27	136.10		0.41
GR	41	Max WS	TR200_D650	446.69	60.06	66.57	63.95	67.12	0.005057	3.28	136.10		0.41
GR	41	Max WS	TR200_D700	447.46	60.06	66.58	63.95	67.13	0.005075	3.29	136.10		0.41
GR	39	Max WS	TR200_D450	438.72	59.99	65.87	64.29	66.77	0.010892	4.21	104.28		0.55
GR	39	Max WS	TR200_D350	429.66	59.99	65.82	64.25	66.68	0.010447	4.12	104.28		0.55
GR	39	Max WS	TR200_D400	434.31	59.99	65.85	64.27	66.73	0.010674	4.16	104.28		0.55
GR	39	Max WS	TR200_D500	441.79	59.99	65.89	64.30	66.81	0.011045	4.24	104.28		0.56
GR	39	Max WS	TR200_D550	443.55	59.99	65.90	64.31	66.82	0.011133	4.25	104.28		0.56
GR	39	Max WS	TR200_D600	444.90	59.99	65.91	64.32	66.84	0.011201	4.27	104.28		0.56
GR	39	Max WS	TR200_D650	446.69	59.99	65.92	64.32	66.86	0.011291	4.28	104.28		0.56
GR	39	Max WS	TR200_D700	447.46	59.99	65.93	64.33	66.86	0.011330	4.29	104.28		0.56
GR	38.9			Lat Struct									
GR	38.577*	Max WS	TR200_D450	438.71	59.91	65.83		66.43	0.002794	3.42	128.43	29.25	0.52
GR	38.577*	Max WS	TR200_D350	429.66	59.91	65.78		66.37	0.002774	3.38	126.97	29.23	0.52
GR	38.577*	Max WS	TR200_D400	434.31	59.91	65.81		66.40	0.002784	3.40	127.72	29.24	0.52
GR	38.577*	Max WS	TR200_D500	441.78	59.91	65.85		66.45	0.002800	3.43	128.93	29.25	0.52
GR	38.577*	Max WS	TR200_D550	443.55	59.91	65.86		66.46	0.002804	3.43	129.22	29.26	0.52
GR	38.577*	Max WS	TR200_D600	444.90	59.91	65.87		66.47	0.002805	3.44	129.46	29.26	0.52
GR	38.577*	Max WS	TR200_D650	446.69	59.91	65.88		66.48	0.002808	3.44	129.76	29.26	0.52
GR	38.577*	Max WS	TR200_D700	447.46	59.91	65.88		66.49	0.002809	3.44	129.89	29.26	0.52
GR	38	Max WS	TR200_D450	438.71	59.80	65.81	64.13	66.33	0.002521	3.22	136.44	31.87	0.42
GR	38	Max WS	TR200_D350	429.66	59.80	65.76	64.09	66.27	0.002505	3.19	134.88	31.88	0.42
GR	38	Max WS	TR200_D400	434.30	59.80	65.78	64.11	66.30	0.002513	3.20	135.67	31.87	0.42
GR	38	Max WS	TR200_D500	441.79	59.80	65.82	64.15	66.35	0.002526	3.23	136.98	31.87	0.42
GR	38	Max WS	TR200_D550	443.55	59.80	65.83	64.15	66.37	0.002529	3.23	137.29	31.87	0.42
GR	38	Max WS	TR200_D600	444.90	59.80	65.84	64.16	66.37	0.002530	3.23	137.54	31.87	0.42
GR	38	Max WS	TR200_D650	446.69	59.80	65.85	64.16	66.39	0.002532	3.24	137.87	31.87	0.42
GR	38	Max WS	TR200_D700	447.46	59.80	65.86	64.17	66.39	0.002533	3.24	138.01	31.87	0.42
GR	36	Max WS	TR200_D450	438.71	59.95	65.78	64.32	66.28	0.002665	3.14	139.67	35.28	0.42
GR	36	Max WS	TR200_D350	429.66	59.95	65.73	64.29	66.22	0.002655	3.11	137.96	35.28	0.41
GR	36	Max WS	TR200_D400	434.30	59.95	65.75	64.31	66.25	0.002661	3.13	138.83	35.28	0.41
GR	36	Max WS	TR200_D500	441.79	59.95	65.79	64.34	66.30	0.002667	3.15	140.26	35.27	0.42
GR	36	Max WS	TR200_D550	443.55	59.95	65.80	64.34	66.31	0.002669	3.15	140.59	35.27	0.42
GR	36	Max WS	TR200_D600	444.90	59.95	65.81	64.35	66.32	0.002669	3.16	140.87	35.27	0.42
GR	36	Max WS	TR200_D650	446.69	59.95	65.82	64.36	66.33	0.002669	3.16	141.24	35.27	0.42
GR	36	Max WS	TR200_D700	447.46	59.95	65.83	64.36	66.34	0.002668	3.16	141.40	35.27	0.42
GR	35.9			Lat Struct									
GR	35.7			Lat Struct									
GR	35	Max WS	TR200_D450	435.02	59.16	65.63		66.35	0.003671	3.75	115.87	30.68	0.62
GR	35	Max WS	TR200_D350	426.31	59.16	65.58		66.29	0.003657	3.73	114.44	30.61	0.62
GR	35	Max WS	TR200_D400	430.78	59.16	65.61		66.32	0.003664	3.74	115.18	30.64	0.62
GR	35	Max WS	TR200_D500	437.98	59.16	65.64		66.37	0.003710	3.76	116.35	30.96	0.62

HEC-RAS River: Greve Reach: GR 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
GR	35	Max WS	TR200_D550	439.68	59.16	65.65		66.38	0.003733	3.77	116.64	31.13	0.62
GR	35	Max WS	TR200_D600	440.97	59.16	65.66		66.39	0.003750	3.77	116.88	31.28	0.62
GR	35	Max WS	TR200_D650	442.69	59.16	65.67		66.40	0.003772	3.78	117.19	31.46	0.63
GR	35	Max WS	TR200_D700	443.42	59.16	65.68		66.40	0.003782	3.78	117.32	31.54	0.63
GR	34	Max WS	TR200_D450	429.98	59.23	65.47		66.19	0.003659	3.76	114.27	27.73	0.59
GR	34	Max WS	TR200_D350	421.56	59.23	65.42		66.13	0.003633	3.73	113.05	27.73	0.59
GR	34	Max WS	TR200_D400	425.88	59.23	65.45		66.16	0.003647	3.75	113.68	27.73	0.59
GR	34	Max WS	TR200_D500	432.83	59.23	65.48		66.21	0.003668	3.77	114.68	27.73	0.59
GR	34	Max WS	TR200_D550	434.48	59.23	65.49		66.22	0.003673	3.78	114.92	27.73	0.59
GR	34	Max WS	TR200_D600	435.72	59.23	65.50		66.23	0.003674	3.78	115.12	27.73	0.59
GR	34	Max WS	TR200_D650	437.37	59.23	65.51		66.24	0.003677	3.79	115.39	27.73	0.59
GR	34	Max WS	TR200_D700	438.08	59.23	65.51		66.25	0.003678	3.79	115.50	27.73	0.59
GR	33	Max WS	TR200_D450	438.67	59.76	65.34	63.89	65.90	0.002643	3.31	132.62	32.26	0.45
GR	33	Max WS	TR200_D350	429.64	59.76	65.30	63.85	65.84	0.002615	3.27	131.27	32.26	0.44
GR	33	Max WS	TR200_D400	434.27	59.76	65.32	63.87	65.87	0.002630	3.29	131.96	32.26	0.45
GR	33	Max WS	TR200_D500	441.74	59.76	65.35	63.90	65.92	0.002652	3.32	133.07	32.26	0.45
GR	33	Max WS	TR200_D550	443.53	59.76	65.36	63.91	65.93	0.002657	3.33	133.34	32.26	0.45
GR	33	Max WS	TR200_D600	444.86	59.76	65.37	63.92	65.93	0.002659	3.33	133.58	32.26	0.45
GR	33	Max WS	TR200_D650	446.65	59.76	65.38	63.92	65.95	0.002663	3.34	133.86	32.26	0.45
GR	33	Max WS	TR200_D700	447.42	59.76	65.38	63.93	65.95	0.002664	3.34	134.00	32.26	0.45
GR	31	Max WS	TR200_D450	438.67	59.68	65.13	62.94	65.41	0.001151	2.33	188.58	45.80	0.32
GR	31	Max WS	TR200_D350	429.63	59.68	65.09	62.90	65.36	0.001134	2.30	186.91	45.72	0.32
GR	31	Max WS	TR200_D400	434.26	59.68	65.11	62.92	65.38	0.001143	2.31	187.77	45.76	0.32
GR	31	Max WS	TR200_D500	441.74	59.68	65.14	62.95	65.42	0.001157	2.34	189.15	45.83	0.32
GR	31	Max WS	TR200_D550	443.53	59.68	65.15	62.95	65.43	0.001160	2.34	189.49	45.84	0.32
GR	31	Max WS	TR200_D600	444.86	59.68	65.16	62.96	65.44	0.001161	2.34	189.80	45.86	0.32
GR	31	Max WS	TR200_D650	446.65	59.68	65.16	62.97	65.45	0.001164	2.35	190.18	45.87	0.32
GR	31	Max WS	TR200_D700	447.40	59.68	65.17	62.97	65.45	0.001165	2.35	190.34	45.88	0.32
GR	30.9		Lat Struct										
GR	30.8		Lat Struct										
GR	30.750*	Max WS	TR200_D450	423.99	59.51	65.11		65.32	0.000906	2.04	208.11	53.79	0.33
GR	30.750*	Max WS	TR200_D350	415.52	59.51	65.07		65.28	0.000896	2.02	206.16	53.73	0.33
GR	30.750*	Max WS	TR200_D400	419.86	59.51	65.09		65.30	0.000901	2.03	207.16	53.76	0.33
GR	30.750*	Max WS	TR200_D500	426.86	59.51	65.12		65.33	0.000910	2.04	208.77	53.81	0.33
GR	30.750*	Max WS	TR200_D550	428.53	59.51	65.13		65.34	0.000912	2.05	209.16	53.82	0.33
GR	30.750*	Max WS	TR200_D600	429.76	59.51	65.14		65.35	0.000912	2.05	209.52	53.83	0.33
GR	30.750*	Max WS	TR200_D650	431.42	59.51	65.14		65.36	0.000913	2.05	209.96	53.85	0.33
GR	30.750*	Max WS	TR200_D700	432.12	59.51	65.15		65.36	0.000913	2.06	210.16	53.85	0.33
GR	30.625*	Max WS	TR200_D450	420.80	59.43	65.07		65.31	0.000978	2.15	195.57	48.69	0.34
GR	30.625*	Max WS	TR200_D350	412.51	59.43	65.03		65.26	0.000966	2.13	193.83	48.63	0.34
GR	30.625*	Max WS	TR200_D400	416.76	59.43	65.05		65.29	0.000973	2.14	194.72	48.66	0.34
GR	30.625*	Max WS	TR200_D500	423.61	59.43	65.08		65.32	0.000983	2.16	196.16	48.71	0.34
GR	30.625*	Max WS	TR200_D550	425.24	59.43	65.09		65.33	0.000985	2.16	196.52	48.72	0.34
GR	30.625*	Max WS	TR200_D600	426.44	59.43	65.10		65.33	0.000985	2.17	196.85	48.73	0.34
GR	30.625*	Max WS	TR200_D650	428.05	59.43	65.10		65.34	0.000987	2.17	197.23	48.74	0.34
GR	30.625*	Max WS	TR200_D700	428.72	59.43	65.11		65.35	0.000987	2.17	197.43	48.75	0.34
GR	30.500*	Max WS	TR200_D450	415.04	59.34	65.02		65.29	0.001087	2.29	180.90	43.51	0.36
GR	30.500*	Max WS	TR200_D350	406.98	59.34	64.99		65.25	0.001072	2.27	179.37	43.46	0.36
GR	30.500*	Max WS	TR200_D400	411.11	59.34	65.01		65.27	0.001080	2.28	180.15	43.48	0.36
GR	30.500*	Max WS	TR200_D500	417.77	59.34	65.04		65.31	0.001092	2.30	181.40	43.52	0.36
GR	30.500*	Max WS	TR200_D550	419.36	59.34	65.04		65.31	0.001095	2.31	181.72	43.53	0.36
GR	30.500*	Max WS	TR200_D600	420.50	59.34	65.05		65.32	0.001096	2.31	182.00	43.54	0.36
GR	30.500*	Max WS	TR200_D650	422.07	59.34	65.06		65.33	0.001097	2.31	182.36	43.55	0.36
GR	30.500*	Max WS	TR200_D700	422.70	59.34	65.06		65.33	0.001098	2.32	182.52	43.56	0.36
GR	30.375*	Max WS	TR200_D450	409.35	59.26	64.97		65.28	0.001243	2.45	166.92	39.94	0.38
GR	30.375*	Max WS	TR200_D350	401.49	59.26	64.94		65.24	0.001226	2.43	165.55	39.90	0.38
GR	30.375*	Max WS	TR200_D400	405.51	59.26	64.96		65.26	0.001235	2.44	166.25	39.92	0.38
GR	30.375*	Max WS	TR200_D500	412.02	59.26	64.98		65.29	0.001249	2.46	167.37	39.96	0.38
GR	30.375*	Max WS	TR200_D550	413.56	59.26	64.99		65.30	0.001252	2.47	167.65	39.97	0.38
GR	30.375*	Max WS	TR200_D600	414.66	59.26	65.00		65.31	0.001253	2.47	167.92	39.97	0.38
GR	30.375*	Max WS	TR200_D650	416.18	59.26	65.01		65.32	0.001255	2.47	168.24	39.98	0.39
GR	30.375*	Max WS	TR200_D700	416.79	59.26	65.01		65.32	0.001255	2.48	168.39	39.99	0.39
GR	30.250*	Max WS	TR200_D450	405.75	59.18	64.89		65.27	0.001560	2.72	149.34	35.70	0.42
GR	30.250*	Max WS	TR200_D350	398.01	59.18	64.86		65.23	0.001534	2.69	148.16	35.61	0.42
GR	30.250*	Max WS	TR200_D400	401.96	59.18	64.88		65.25	0.001547	2.70	148.76	35.66	0.42
GR	30.250*	Max WS	TR200_D500	408.39	59.18	64.90		65.28	0.001568	2.73	149.73	35.74	0.43
GR	30.250*	Max WS	TR200_D550	409.90	59.18	64.91		65.29	0.001573	2.73	149.97	35.76	0.43
GR	30.250*	Max WS	TR200_D600	410.98	59.18	64.92		65.30	0.001575	2.74	150.21	35.78	0.43
GR	30.250*	Max WS	TR200_D650	412.45	59.18	64.93		65.31	0.001578	2.74	150.50	35.80	0.43
GR	30.250*	Max WS	TR200_D700	413.03	59.18	64.93		65.31	0.001578	2.74	150.63	35.81	0.43
GR	30.125*	Max WS	TR200_D450	397.92	59.09	64.80		65.28	0.002118	3.09	128.94	31.30	0.49
GR	30.125*	Max WS	TR200_D350	390.65	59.09	64.76		65.24	0.002084	3.05	127.89	31.16	0.48
GR	30.125*	Max WS	TR200_D400	394.41	59.09	64.78		65.26	0.002102	3.07	128.42	31.23	0.48
GR	30.125*	Max WS	TR200_D500	400.39	59.09	64.81		65.30	0.002129	3.10	129.29	31.34	0.49
GR	30.125*	Max WS	TR200_D550	401.80	59.09	64.82		65.31	0.002135	3.10	129.51	31.37	0.49
GR	30.125*	Max WS	TR200_D600	402.81	59.09	64.82		65.31	0.002137	3.11	129.71	31.39	0.49
GR	30.125*	Max WS	TR200_D650	404.23	59.09	64.83		65.32	0.002142	3.11	129.96	31.43	0.49
GR	30.125*	Max WS	TR200_D700	404.79	59.09	64.83		65.33	0.002143	3.11	130.07	31.44	0.49
GR	30	Max WS	TR200_D450	387.85	59.01	64.73		65.35	0.003050	3.51	110.57	28.37	0.57
GR	30	Max WS	TR200_D350	381.00	59.01	64.69		65.31	0.003015	3.48	109.61	28.29	0.56
GR	30	Max WS	TR200_D400	384.61	59.01	64.71		65.33	0.003035	3.49	110.09	28.33	0.57
GR	30	Max WS	TR200_D500	390.18	59.01	64.74		65.37	0.003062	3.52	110.89	28.40	0.57
GR	30	Max WS	TR200_D550	391.52	59.01	64.74		65.38	0.003068	3.52	111.08	28.41	0.57
GR	30	Max WS	TR200_D600	392.47	59.01	64.75		65.39	0.003068	3.53	111.27	28.43	0.57
GR	30	Max WS	TR200_D650	393.78	59.01	64.76		65.40	0.003072	3.53	111.50	28.45	0.57
GR	30	Max WS	TR200_D700	394.33	59.01	64.76		65.40	0.003072	3.53	111.60	28.46	0.57

HEC-RAS River: Greve Reach: GR 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
GR	29.900*	Max WS	TR200_D450	379.92	59.01	64.67		65.34	0.003158	3.85	104.17	24.10	0.56
GR	29.900*	Max WS	TR200_D350	373.10	59.01	64.63		65.30	0.003114	3.61	103.39	24.10	0.56
GR	29.900*	Max WS	TR200_D400	376.73	59.01	64.65		65.32	0.003140	3.63	103.77	24.10	0.56
GR	29.900*	Max WS	TR200_D500	382.23	59.01	64.68		65.36	0.003173	3.66	104.43	24.10	0.56
GR	29.900*	Max WS	TR200_D550	383.55	59.01	64.68		65.37	0.003180	3.67	104.59	24.10	0.56
GR	29.900*	Max WS	TR200_D600	384.41	59.01	64.69		65.38	0.003180	3.67	104.75	24.10	0.56
GR	29.900*	Max WS	TR200_D650	385.61	59.01	64.70		65.39	0.003184	3.67	104.93	24.10	0.56
GR	29.900*	Max WS	TR200_D700	386.10	59.01	64.70		65.39	0.003184	3.68	105.02	24.10	0.56
GR	29.800*	Max WS	TR200_D450	382.12	59.02	64.59		65.36	0.003747	3.88	98.42	22.85	0.60
GR	29.800*	Max WS	TR200_D350	374.96	59.02	64.56		65.31	0.003688	3.84	97.69	22.85	0.59
GR	29.800*	Max WS	TR200_D400	378.89	59.02	64.57		65.33	0.003726	3.86	98.05	22.85	0.60
GR	29.800*	Max WS	TR200_D500	384.53	59.02	64.60		65.37	0.003767	3.90	98.67	22.85	0.60
GR	29.800*	Max WS	TR200_D550	385.89	59.02	64.61		65.38	0.003776	3.90	98.82	22.85	0.60
GR	29.800*	Max WS	TR200_D600	386.74	59.02	64.61		65.39	0.003776	3.91	98.97	22.85	0.60
GR	29.800*	Max WS	TR200_D650	387.96	59.02	64.62		65.40	0.003780	3.91	99.15	22.85	0.60
GR	29.800*	Max WS	TR200_D700	388.41	59.02	64.62		65.41	0.003779	3.91	99.23	22.85	0.60
GR	29.700*	Max WS	TR200_D450	378.34	59.02	64.51		65.32	0.004025	3.98	95.18	22.54	0.62
GR	29.700*	Max WS	TR200_D350	371.26	59.02	64.48		65.27	0.003959	3.93	94.49	22.54	0.61
GR	29.700*	Max WS	TR200_D400	375.09	59.02	64.49		65.29	0.004000	3.96	94.82	22.54	0.62
GR	29.700*	Max WS	TR200_D500	380.72	59.02	64.52		65.33	0.004046	3.99	95.41	22.54	0.62
GR	29.700*	Max WS	TR200_D550	382.04	59.02	64.53		65.34	0.004056	4.00	95.56	22.54	0.62
GR	29.700*	Max WS	TR200_D600	382.83	59.02	64.53		65.35	0.004054	4.00	95.71	22.54	0.62
GR	29.700*	Max WS	TR200_D650	383.96	59.02	64.54		65.36	0.004056	4.00	95.89	22.54	0.62
GR	29.700*	Max WS	TR200_D700	384.34	59.02	64.54		65.36	0.004053	4.00	95.97	22.54	0.62
GR	29.600*	Max WS	TR200_D450	361.89	59.02	64.43		65.21	0.004030	3.92	92.38	22.34	0.62
GR	29.600*	Max WS	TR200_D350	355.86	59.02	64.40		65.16	0.003978	3.88	91.74	22.34	0.61
GR	29.600*	Max WS	TR200_D400	358.24	59.02	64.41		65.18	0.003995	3.89	92.02	22.34	0.61
GR	29.600*	Max WS	TR200_D500	363.95	59.02	64.44		65.22	0.004049	3.93	92.59	22.34	0.62
GR	29.600*	Max WS	TR200_D550	365.07	59.02	64.44		65.23	0.004056	3.94	92.73	22.34	0.62
GR	29.600*	Max WS	TR200_D600	365.72	59.02	64.45		65.24	0.004051	3.94	92.88	22.34	0.62
GR	29.600*	Max WS	TR200_D650	366.65	59.02	64.46		65.25	0.004050	3.94	93.05	22.34	0.62
GR	29.600*	Max WS	TR200_D700	366.94	59.02	64.46		65.25	0.004046	3.94	93.13	22.34	0.62
GR	29.500*	Max WS	TR200_D450	366.99	59.03	64.34		65.18	0.004470	4.08	89.99	22.13	0.65
GR	29.500*	Max WS	TR200_D350	360.96	59.03	64.31		65.14	0.004412	4.04	89.38	22.13	0.64
GR	29.500*	Max WS	TR200_D400	363.43	59.03	64.32		65.16	0.004432	4.05	89.65	22.13	0.64
GR	29.500*	Max WS	TR200_D500	369.03	59.03	64.35		65.20	0.004489	4.09	90.20	22.13	0.65
GR	29.500*	Max WS	TR200_D550	370.15	59.03	64.35		65.21	0.004497	4.10	90.33	22.13	0.65
GR	29.500*	Max WS	TR200_D600	370.80	59.03	64.36		65.21	0.004491	4.10	90.48	22.13	0.65
GR	29.500*	Max WS	TR200_D650	371.68	59.03	64.37		65.22	0.004487	4.10	90.64	22.13	0.65
GR	29.500*	Max WS	TR200_D700	371.96	59.03	64.37		65.23	0.004483	4.10	90.73	22.13	0.65
GR	29.400*	Max WS	TR200_D450	355.34	59.03	64.24		65.07	0.004572	4.03	88.18	22.28	0.65
GR	29.400*	Max WS	TR200_D350	350.08	59.03	64.22		65.03	0.004523	4.00	87.62	22.28	0.64
GR	29.400*	Max WS	TR200_D400	348.56	59.03	64.22		65.03	0.004459	3.97	87.78	22.28	0.64
GR	29.400*	Max WS	TR200_D500	357.11	59.03	64.25		65.08	0.004587	4.04	88.38	22.28	0.65
GR	29.400*	Max WS	TR200_D550	358.02	59.03	64.26		65.09	0.004591	4.05	88.50	22.28	0.65
GR	29.400*	Max WS	TR200_D600	358.46	59.03	64.26		65.10	0.004580	4.04	88.65	22.28	0.65
GR	29.400*	Max WS	TR200_D650	359.12	59.03	64.27		65.10	0.004572	4.04	88.81	22.28	0.65
GR	29.400*	Max WS	TR200_D700	359.30	59.03	64.27		65.11	0.004563	4.04	88.90	22.28	0.65
GR	29.300*	Max WS	TR200_D450	338.68	59.03	64.15		64.98	0.004680	4.04	83.84	20.99	0.65
GR	29.300*	Max WS	TR200_D350	333.92	59.03	64.13		64.95	0.004634	4.01	83.32	20.99	0.64
GR	29.300*	Max WS	TR200_D400	333.76	59.03	64.13		64.95	0.004602	4.00	83.49	20.99	0.64
GR	29.300*	Max WS	TR200_D500	340.28	59.03	64.16		65.00	0.004695	4.05	84.02	20.99	0.65
GR	29.300*	Max WS	TR200_D550	341.08	59.03	64.17		65.00	0.004698	4.05	84.14	20.99	0.65
GR	29.300*	Max WS	TR200_D600	341.38	59.03	64.17		65.01	0.004683	4.05	84.28	20.99	0.65
GR	29.300*	Max WS	TR200_D650	341.83	59.03	64.18		65.02	0.004668	4.05	84.44	20.99	0.64
GR	29.300*	Max WS	TR200_D700	341.83	59.03	64.18		65.02	0.004654	4.04	84.53	20.99	0.64
GR	29.200*	Max WS	TR200_D450	320.88	59.03	64.06		64.87	0.004698	4.00	80.19	19.67	0.63
GR	29.200*	Max WS	TR200_D350	316.63	59.03	64.03		64.84	0.004653	3.97	79.73	19.67	0.63
GR	29.200*	Max WS	TR200_D400	317.44	59.03	64.04		64.85	0.004645	3.97	79.92	19.67	0.63
GR	29.200*	Max WS	TR200_D500	322.31	59.03	64.06		64.88	0.004713	4.01	80.35	19.67	0.63
GR	29.200*	Max WS	TR200_D550	322.99	59.03	64.07		64.89	0.004715	4.01	80.46	19.67	0.63
GR	29.200*	Max WS	TR200_D600	323.12	59.03	64.08		64.90	0.004695	4.01	80.59	19.67	0.63
GR	29.200*	Max WS	TR200_D650	323.29	59.03	64.08		64.90	0.004673	4.00	80.75	19.67	0.63
GR	29.200*	Max WS	TR200_D700	323.18	59.03	64.09		64.90	0.004656	4.00	80.83	19.67	0.63
GR	29.100*	Max WS	TR200_D450	307.82	59.04	63.96		64.75	0.004695	3.94	78.05	19.24	0.63
GR	29.100*	Max WS	TR200_D350	304.14	59.04	63.93		64.72	0.004658	3.92	77.62	19.24	0.62
GR	29.100*	Max WS	TR200_D400	305.40	59.04	63.95		64.73	0.004661	3.92	77.82	19.24	0.62
GR	29.100*	Max WS	TR200_D500	309.06	59.04	63.96		64.76	0.004708	3.95	78.19	19.24	0.63
GR	29.100*	Max WS	TR200_D550	309.53	59.04	63.97		64.77	0.004705	3.95	78.29	19.24	0.63
GR	29.100*	Max WS	TR200_D600	309.41	59.04	63.98		64.77	0.004676	3.94	78.43	19.24	0.62
GR	29.100*	Max WS	TR200_D650	309.33	59.04	63.98		64.77	0.004647	3.94	78.59	19.24	0.62
GR	29.100*	Max WS	TR200_D700	309.06	59.04	63.99		64.78	0.004624	3.93	78.67	19.24	0.62
GR	29	Max WS	TR200_D450	298.31	59.04	63.85		64.60	0.004751	3.83	77.87	20.60	0.63
GR	29	Max WS	TR200_D350	295.10	59.04	63.83		64.57	0.004727	3.81	77.44	20.60	0.63
GR	29	Max WS	TR200_D400	296.14	59.04	63.84		64.58	0.004721	3.81	77.66	20.60	0.63
GR	29	Max WS	TR200_D500	299.40	59.04	63.86		64.61	0.004760	3.84	78.01	20.60	0.63
GR	29	Max WS	TR200_D550	299.64	59.04	63.86		64.61	0.004748	3.84	78.12	20.60	0.63
GR	29	Max WS	TR200_D600	299.38	59.04	63.87		64.62	0.004712	3.82	78.28	20.60	0.63
GR	29	Max WS	TR200_D650	298.96	59.04	63.88		64.62	0.004667	3.81	78.45	20.60	0.62
GR	29	Max WS	TR200_D700	298.44	59.04	63.88		64.62	0.004633	3.80	78.55	20.60	0.62
GR	28.900*	Max WS	TR200_D450	294.64	58.96	63.74		64.40	0.004327	3.80	81.93	23.24	0.61
GR	28.900*	Max WS	TR200_D350	291.74	58.96	63.72		64.37	0.004315	3.58	81.46	23.24	0.61
GR	28.900*	Max WS	TR200_D400	292.70	58.96	63.73		64.38	0.004305	3.58	81.71	23.24	0.61
GR	28.900*	Max WS	TR200_D500	295.63	58.96	63.74		64.40	0.004331	3.60	82.08	23.24	0.61
GR	28.900*	Max WS	TR200_D550	296.99	58.96	63.75		64.41	0.004346	3.61	82.24	23.24	0.61
GR	28.900*	Max WS	TR200_D600	299.30	58.96	63.76		64.43	0.004372	3.63	82.49	23.24	0.62
GR	28.900*	Max WS	TR200_D650	301.78	58.96	63.77		64.45	0.004400	3.65	82.77	23.24	0.62

HEC-RAS River: Greve Reach: GR 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
GR	25	Max WS	TR200_D450	245.77	59.17	62.72		63.22	0.003474	3.13	78.53	24.71	0.56
GR	25	Max WS	TR200_D350	244.55	59.17	62.71		63.21	0.003475	3.12	78.27	24.71	0.56
GR	25	Max WS	TR200_D400	245.18	59.17	62.72		63.21	0.003474	3.13	78.41	24.71	0.56
GR	25	Max WS	TR200_D500	246.18	59.17	62.72		63.22	0.003474	3.13	78.62	24.71	0.56
GR	25	Max WS	TR200_D550	246.55	59.17	62.73		63.23	0.003474	3.13	78.69	24.71	0.56
GR	25	Max WS	TR200_D600	247.13	59.17	62.73		63.23	0.003473	3.14	78.82	24.71	0.56
GR	25	Max WS	TR200_D650	247.79	59.17	62.74		63.24	0.003473	3.14	78.96	24.71	0.56
GR	25	Max WS	TR200_D700	248.20	59.17	62.74		63.24	0.003473	3.14	79.05	24.71	0.56
GR	24.8	Max WS	TR200_D450	244.31	59.17	62.72	61.69	63.21	0.003445	3.11	78.44	24.71	0.56
GR	24.8	Max WS	TR200_D350	243.11	59.17	62.71	61.68	63.20	0.003447	3.11	78.17	24.71	0.56
GR	24.8	Max WS	TR200_D400	243.72	59.17	62.71	61.68	63.21	0.003446	3.11	78.31	24.71	0.56
GR	24.8	Max WS	TR200_D500	244.71	59.17	62.72	61.70	63.22	0.003446	3.12	78.52	24.71	0.56
GR	24.8	Max WS	TR200_D550	245.08	59.17	62.72	61.70	63.22	0.003445	3.12	78.60	24.71	0.56
GR	24.8	Max WS	TR200_D600	245.66	59.17	62.73	61.70	63.23	0.003445	3.12	78.72	24.71	0.56
GR	24.8	Max WS	TR200_D650	246.30	59.17	62.73	61.71	63.23	0.003444	3.12	78.87	24.71	0.56
GR	24.8	Max WS	TR200_D700	246.71	59.17	62.74	61.71	63.24	0.003444	3.12	78.95	24.71	0.56
GR	24.5			Inl Struct									
GR	24	Max WS	TR200_D450	244.25	57.05	60.74		61.13	0.002597	2.77	88.20	27.97	0.50
GR	24	Max WS	TR200_D350	243.10	57.05	60.68		61.08	0.002730	2.81	86.52	27.97	0.51
GR	24	Max WS	TR200_D400	243.67	57.05	60.71		61.11	0.002657	2.79	87.41	27.97	0.50
GR	24	Max WS	TR200_D500	244.68	57.05	60.76		61.15	0.002554	2.76	88.78	27.97	0.49
GR	24	Max WS	TR200_D550	245.05	57.05	60.78		61.16	0.002516	2.74	89.30	27.97	0.49
GR	24	Max WS	TR200_D600	245.60	57.05	60.80		61.18	0.002478	2.73	89.88	27.97	0.49
GR	24	Max WS	TR200_D650	246.25	57.05	60.82		61.20	0.002442	2.72	90.46	27.97	0.48
GR	24	Max WS	TR200_D700	246.66	57.05	60.83		61.21	0.002420	2.72	90.82	27.97	0.48
GR	23.857*	Max WS	TR200_D450	248.72	56.79	60.73		61.05	0.002015	2.53	98.27	30.88	0.45
GR	23.857*	Max WS	TR200_D350	247.35	56.79	60.66		61.00	0.002118	2.57	96.35	30.88	0.46
GR	23.857*	Max WS	TR200_D400	248.04	56.79	60.70		61.03	0.002062	2.55	97.38	30.88	0.46
GR	23.857*	Max WS	TR200_D500	249.22	56.79	60.75		61.07	0.001982	2.52	98.93	30.88	0.45
GR	23.857*	Max WS	TR200_D550	249.63	56.79	60.77		61.09	0.001952	2.51	99.52	30.88	0.45
GR	23.857*	Max WS	TR200_D600	250.29	56.79	60.79		61.11	0.001922	2.50	100.19	30.88	0.44
GR	23.857*	Max WS	TR200_D650	251.03	56.79	60.81		61.13	0.001895	2.49	100.84	30.88	0.44
GR	23.857*	Max WS	TR200_D700	251.49	56.79	60.82		61.14	0.001878	2.48	101.25	30.88	0.44
GR	23.714*	Max WS	TR200_D450	254.61	56.54	60.72		60.99	0.001577	2.31	110.28	33.78	0.41
GR	23.714*	Max WS	TR200_D350	252.89	56.54	60.66		60.94	0.001654	2.34	108.14	33.78	0.42
GR	23.714*	Max WS	TR200_D400	253.82	56.54	60.69		60.97	0.001612	2.32	109.28	33.78	0.41
GR	23.714*	Max WS	TR200_D500	255.18	56.54	60.74		61.01	0.001552	2.30	111.01	33.78	0.40
GR	23.714*	Max WS	TR200_D550	255.66	56.54	60.76		61.03	0.001529	2.29	111.67	33.78	0.40
GR	23.714*	Max WS	TR200_D600	256.37	56.54	60.78		61.05	0.001507	2.28	112.41	33.78	0.40
GR	23.714*	Max WS	TR200_D650	257.10	56.54	60.81		61.07	0.001486	2.27	113.13	33.78	0.40
GR	23.714*	Max WS	TR200_D700	257.57	56.54	60.82		61.08	0.001472	2.27	113.59	33.78	0.39
GR	23.571*	Max WS	TR200_D450	261.56	56.28	60.72		60.95	0.001235	2.11	124.20	36.69	0.37
GR	23.571*	Max WS	TR200_D350	259.61	56.28	60.66		60.89	0.001291	2.13	121.86	36.69	0.37
GR	23.571*	Max WS	TR200_D400	260.69	56.28	60.69		60.92	0.001261	2.12	123.10	36.69	0.37
GR	23.571*	Max WS	TR200_D500	261.99	56.28	60.74		60.97	0.001214	2.10	125.01	36.69	0.36
GR	23.571*	Max WS	TR200_D550	262.35	56.28	60.76		60.98	0.001196	2.09	125.74	36.69	0.36
GR	23.571*	Max WS	TR200_D600	263.32	56.28	60.78		61.00	0.001181	2.08	126.54	36.69	0.36
GR	23.571*	Max WS	TR200_D650	264.14	56.28	60.81		61.02	0.001166	2.07	127.32	36.69	0.36
GR	23.571*	Max WS	TR200_D700	264.67	56.28	60.82		61.04	0.001156	2.07	127.84	36.69	0.35
GR	23.429*	Max WS	TR200_D450	269.01	56.03	60.72		60.91	0.000965	1.92	139.99	39.60	0.33
GR	23.429*	Max WS	TR200_D350	267.28	56.03	60.66		60.85	0.001009	1.94	137.44	39.60	0.33
GR	23.429*	Max WS	TR200_D400	268.19	56.03	60.69		60.88	0.000985	1.93	138.79	39.60	0.33
GR	23.429*	Max WS	TR200_D500	269.69	56.03	60.74		60.93	0.000951	1.91	140.87	39.60	0.32
GR	23.429*	Max WS	TR200_D550	270.09	56.03	60.76		60.95	0.000938	1.91	141.65	39.60	0.32
GR	23.429*	Max WS	TR200_D600	271.15	56.03	60.79		60.97	0.000927	1.90	142.52	39.60	0.32
GR	23.429*	Max WS	TR200_D650	271.99	56.03	60.81		60.99	0.000916	1.90	143.37	39.60	0.32
GR	23.429*	Max WS	TR200_D700	272.66	56.03	60.82		61.00	0.000909	1.89	143.92	39.60	0.32
GR	23.286*	Max WS	TR200_D450	277.44	55.77	60.72		60.88	0.000758	1.76	157.62	42.51	0.29
GR	23.286*	Max WS	TR200_D350	275.65	55.77	60.66		60.82	0.000791	1.78	154.88	42.51	0.30
GR	23.286*	Max WS	TR200_D400	276.55	55.77	60.69		60.85	0.000773	1.77	156.33	42.51	0.29
GR	23.286*	Max WS	TR200_D500	278.23	55.77	60.74		60.90	0.000748	1.75	158.56	42.51	0.29
GR	23.286*	Max WS	TR200_D550	278.72	55.77	60.76		60.92	0.000739	1.75	159.40	42.51	0.29
GR	23.286*	Max WS	TR200_D600	279.81	55.77	60.79		60.94	0.000731	1.75	160.32	42.51	0.29
GR	23.286*	Max WS	TR200_D650	280.77	55.77	60.81		60.96	0.000723	1.74	161.24	42.51	0.29
GR	23.286*	Max WS	TR200_D700	281.50	55.77	60.82		60.98	0.000719	1.74	161.83	42.51	0.28
GR	23.143*	Max WS	TR200_D450	288.34	55.52	60.72		60.86	0.000608	1.63	176.95	45.41	0.26
GR	23.143*	Max WS	TR200_D350	286.38	55.52	60.66		60.80	0.000632	1.65	174.03	45.41	0.27
GR	23.143*	Max WS	TR200_D400	287.37	55.52	60.69		60.83	0.000619	1.64	175.58	45.41	0.27
GR	23.143*	Max WS	TR200_D500	289.29	55.52	60.74		60.88	0.000602	1.63	177.95	45.41	0.26
GR	23.143*	Max WS	TR200_D550	289.73	55.52	60.76		60.90	0.000594	1.62	178.86	45.41	0.26
GR	23.143*	Max WS	TR200_D600	290.95	55.52	60.79		60.92	0.000589	1.62	179.83	45.41	0.26
GR	23.143*	Max WS	TR200_D650	292.14	55.52	60.81		60.94	0.000584	1.62	180.81	45.41	0.26
GR	23.143*	Max WS	TR200_D700	292.83	55.52	60.82		60.95	0.000580	1.61	181.43	45.41	0.26
GR	23	Max WS	TR200_D450	301.99	55.26	60.72		60.84	0.000499	1.53	197.98	48.32	0.24
GR	23	Max WS	TR200_D350	299.82	55.26	60.65		60.78	0.000517	1.54	194.86	48.32	0.24
GR	23	Max WS	TR200_D400	300.91	55.26	60.69		60.81	0.000508	1.53	196.50	48.32	0.24
GR	23	Max WS	TR200_D500	303.07	55.26	60.74		60.86	0.000495	1.52	199.02	48.32	0.24
GR	23	Max WS	TR200_D550	303.52	55.26	60.76		60.88	0.000489	1.52	200.00	48.32	0.24
GR	23	Max WS	TR200_D600	304.81	55.26	60.78		60.90	0.000485	1.52	201.03	48.32	0.24
GR	23	Max WS	TR200_D650	306.15	55.26	60.80		60.92	0.000481	1.52	202.06	48.32	0.24
GR	23	Max WS	TR200_D700	306.98	55.26	60.82		60.93	0.000479	1.51	202.72	48.32	0.24
GR	22.941*	Max WS	TR200_D450	311.49	55.21	60.70		60.83	0.000555	1.61	193.67	47.33	0.25
GR	22.941*	Max WS	TR200_D350	309.12	55.21	60.63		60.77	0.000574	1.62	190.61	47.33	0.26
GR	22.941*	Max WS	TR200_D400	310.32	55.21	60.67		60.80	0.000563	1.61	192.24	47.33	0.26
GR	22.941*	Max WS	TR200_D500	312.43	55.21	60.72		60.85	0.000549	1.60	194.69	47.33	0.25
GR	22.941*	Max WS	TR200_D550	313.14	55.21	60.74		60.87	0.000543	1.60	195.66	47.33	0.25
GR	22.941*	Max WS	TR200_D600	314.66	55.21	60.76		60.89	0.000540	1.60	196.65	47.33	0.25

HEC-RAS River: Greve Reach: GR 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
GR	22.941*	Max WS	TR200_D650	316.37	55.21	60.78		60.91	0.000537	1.60	197.65	47.33	0.25
GR	22.941*	Max WS	TR200_D700	317.56	55.21	60.80		60.93	0.000536	1.60	198.26	47.33	0.25
GR	22.882*	Max WS	TR200_D450	318.12	55.15	60.68		60.83	0.000604	1.68	189.47	46.33	0.27
GR	22.882*	Max WS	TR200_D350	315.57	55.15	60.62		60.76	0.000624	1.69	186.47	46.33	0.27
GR	22.882*	Max WS	TR200_D400	316.87	55.15	60.65		60.80	0.000613	1.68	188.07	46.33	0.27
GR	22.882*	Max WS	TR200_D500	319.11	55.15	60.70		60.85	0.000597	1.68	190.48	46.33	0.26
GR	22.882*	Max WS	TR200_D550	319.86	55.15	60.72		60.87	0.000591	1.67	191.43	46.33	0.26
GR	22.882*	Max WS	TR200_D600	321.22	55.15	60.74		60.89	0.000587	1.67	192.39	46.33	0.26
GR	22.882*	Max WS	TR200_D650	323.36	55.15	60.77		60.91	0.000585	1.67	193.36	46.33	0.26
GR	22.882*	Max WS	TR200_D700	324.64	55.15	60.78		60.92	0.000584	1.67	193.94	46.33	0.26
GR	22.824*	Max WS	TR200_D450	325.37	55.10	60.66		60.82	0.000661	1.76	185.11	45.33	0.28
GR	22.824*	Max WS	TR200_D350	322.42	55.10	60.60		60.76	0.000683	1.77	182.17	45.33	0.28
GR	22.824*	Max WS	TR200_D400	324.05	55.10	60.63		60.79	0.000671	1.76	183.73	45.33	0.28
GR	22.824*	Max WS	TR200_D500	326.37	55.10	60.68		60.84	0.000654	1.75	186.11	45.33	0.28
GR	22.824*	Max WS	TR200_D550	327.19	55.10	60.70		60.86	0.000648	1.75	187.04	45.33	0.28
GR	22.824*	Max WS	TR200_D600	328.65	55.10	60.73		60.88	0.000643	1.75	187.97	45.33	0.27
GR	22.824*	Max WS	TR200_D650	330.97	55.10	60.75		60.90	0.000642	1.75	188.91	45.33	0.27
GR	22.824*	Max WS	TR200_D700	332.36	55.10	60.76		60.92	0.000642	1.75	189.48	45.33	0.27
GR	22.765*	Max WS	TR200_D450	332.65	55.05	60.64		60.81	0.000727	1.84	180.61	44.34	0.29
GR	22.765*	Max WS	TR200_D350	330.21	55.05	60.58		60.75	0.000753	1.86	177.75	44.34	0.30
GR	22.765*	Max WS	TR200_D400	331.65	55.05	60.61		60.78	0.000740	1.85	179.28	44.34	0.29
GR	22.765*	Max WS	TR200_D500	333.87	55.05	60.66		60.83	0.000720	1.84	181.59	44.34	0.29
GR	22.765*	Max WS	TR200_D550	334.73	55.05	60.68		60.85	0.000713	1.83	182.51	44.34	0.29
GR	22.765*	Max WS	TR200_D600	336.80	55.05	60.70		60.88	0.000711	1.84	183.41	44.34	0.29
GR	22.765*	Max WS	TR200_D650	338.80	55.05	60.72		60.90	0.000708	1.84	184.33	44.34	0.29
GR	22.765*	Max WS	TR200_D700	340.32	55.05	60.74		60.91	0.000708	1.84	184.87	44.34	0.29
GR	22.706*	Max WS	TR200_D450	340.18	54.99	60.62		60.81	0.000802	1.93	176.06	43.34	0.31
GR	22.706*	Max WS	TR200_D350	336.87	54.99	60.56		60.75	0.000825	1.94	173.35	43.34	0.31
GR	22.706*	Max WS	TR200_D400	338.36	54.99	60.59		60.78	0.000811	1.94	174.85	43.34	0.31
GR	22.706*	Max WS	TR200_D500	341.55	54.99	60.64		60.83	0.000795	1.93	177.03	43.34	0.30
GR	22.706*	Max WS	TR200_D550	342.22	54.99	60.66		60.85	0.000786	1.92	177.91	43.34	0.30
GR	22.706*	Max WS	TR200_D600	343.97	54.99	60.68		60.87	0.000781	1.92	178.82	43.34	0.30
GR	22.706*	Max WS	TR200_D650	346.22	54.99	60.70		60.89	0.000780	1.93	179.69	43.34	0.30
GR	22.706*	Max WS	TR200_D700	347.89	54.99	60.71		60.90	0.000780	1.93	180.20	43.34	0.30
GR	22.647*	Max WS	TR200_D450	347.22	54.94	60.59		60.80	0.000885	2.03	171.40	42.35	0.32
GR	22.647*	Max WS	TR200_D350	343.64	54.94	60.53		60.74	0.000908	2.04	168.83	42.35	0.33
GR	22.647*	Max WS	TR200_D400	345.22	54.94	60.57		60.78	0.000892	2.03	170.29	42.35	0.32
GR	22.647*	Max WS	TR200_D500	348.66	54.94	60.62		60.83	0.000877	2.02	172.35	42.35	0.32
GR	22.647*	Max WS	TR200_D550	349.35	54.94	60.64		60.84	0.000866	2.02	173.23	42.35	0.32
GR	22.647*	Max WS	TR200_D600	350.98	54.94	60.66		60.87	0.000861	2.02	174.11	42.35	0.32
GR	22.647*	Max WS	TR200_D650	353.60	54.94	60.68		60.89	0.000861	2.02	174.93	42.35	0.32
GR	22.647*	Max WS	TR200_D700	355.28	54.94	60.69		60.90	0.000862	2.03	175.41	42.35	0.32
GR	22.588*	Max WS	TR200_D450	351.31	54.89	60.57		60.80	0.000959	2.11	166.85	41.35	0.33
GR	22.588*	Max WS	TR200_D350	347.82	54.89	60.51		60.74	0.000985	2.12	164.35	41.35	0.34
GR	22.588*	Max WS	TR200_D400	349.43	54.89	60.55		60.77	0.000968	2.11	165.77	41.35	0.34
GR	22.588*	Max WS	TR200_D500	352.76	54.89	60.60		60.82	0.000950	2.10	167.79	41.35	0.33
GR	22.588*	Max WS	TR200_D550	353.48	54.89	60.62		60.84	0.000939	2.10	168.64	41.35	0.33
GR	22.588*	Max WS	TR200_D600	355.14	54.89	60.64		60.86	0.000933	2.10	169.51	41.35	0.33
GR	22.588*	Max WS	TR200_D650	357.70	54.89	60.66		60.88	0.000933	2.10	170.32	41.35	0.33
GR	22.588*	Max WS	TR200_D700	359.18	54.89	60.67		60.90	0.000932	2.10	170.79	41.35	0.33
GR	22.529*	Max WS	TR200_D450	353.32	54.83	60.56		60.80	0.001028	2.18	162.37	40.36	0.35
GR	22.529*	Max WS	TR200_D350	350.44	54.83	60.49		60.74	0.001062	2.19	159.82	40.36	0.35
GR	22.529*	Max WS	TR200_D400	351.97	54.83	60.53		60.77	0.001043	2.18	161.21	40.36	0.35
GR	22.529*	Max WS	TR200_D500	354.66	54.83	60.58		60.82	0.001018	2.17	163.29	40.36	0.34
GR	22.529*	Max WS	TR200_D550	355.41	54.83	60.60		60.84	0.001006	2.17	164.13	40.36	0.34
GR	22.529*	Max WS	TR200_D600	357.25	54.83	60.62		60.86	0.001001	2.17	164.97	40.36	0.34
GR	22.529*	Max WS	TR200_D650	359.37	54.83	60.64		60.88	0.000997	2.17	165.79	40.36	0.34
GR	22.529*	Max WS	TR200_D700	360.45	54.83	60.65		60.89	0.000994	2.17	166.28	40.36	0.34
GR	22.471*	Max WS	TR200_D450	353.87	54.78	60.54		60.80	0.001096	2.24	157.87	39.36	0.36
GR	22.471*	Max WS	TR200_D350	351.16	54.78	60.48		60.74	0.001135	2.26	155.32	39.36	0.36
GR	22.471*	Max WS	TR200_D400	352.66	54.78	60.51		60.77	0.001114	2.25	156.69	39.36	0.36
GR	22.471*	Max WS	TR200_D500	355.04	54.78	60.56		60.82	0.001084	2.24	158.78	39.36	0.36
GR	22.471*	Max WS	TR200_D550	355.66	54.78	60.58		60.84	0.001071	2.23	159.61	39.36	0.35
GR	22.471*	Max WS	TR200_D600	357.46	54.78	60.61		60.86	0.001064	2.23	160.43	39.36	0.35
GR	22.471*	Max WS	TR200_D650	359.44	54.78	60.63		60.88	0.001060	2.23	161.24	39.36	0.35
GR	22.471*	Max WS	TR200_D700	360.47	54.78	60.64		60.89	0.001056	2.23	161.74	39.36	0.35
GR	22.412*	Max WS	TR200_D450	353.89	54.73	60.52		60.80	0.001170	2.31	153.31	38.37	0.37
GR	22.412*	Max WS	TR200_D350	351.20	54.73	60.46		60.73	0.001213	2.33	150.79	38.37	0.38
GR	22.412*	Max WS	TR200_D400	352.43	54.73	60.49		60.77	0.001189	2.32	152.13	38.37	0.37
GR	22.412*	Max WS	TR200_D500	355.11	54.73	60.55		60.82	0.001158	2.30	154.18	38.37	0.37
GR	22.412*	Max WS	TR200_D550	355.59	54.73	60.57		60.84	0.001142	2.29	155.00	38.37	0.36
GR	22.412*	Max WS	TR200_D600	357.26	54.73	60.59		60.86	0.001134	2.29	155.82	38.37	0.36
GR	22.412*	Max WS	TR200_D650	359.21	54.73	60.61		60.88	0.001129	2.29	156.63	38.37	0.36
GR	22.412*	Max WS	TR200_D700	360.24	54.73	60.62		60.89	0.001124	2.29	157.12	38.37	0.36
GR	22.353*	Max WS	TR200_D450	354.37	54.67	60.51		60.80	0.001259	2.38	148.66	37.37	0.38
GR	22.353*	Max WS	TR200_D350	351.41	54.67	60.44		60.73	0.001304	2.40	146.17	37.37	0.39
GR	22.353*	Max WS	TR200_D400	352.74	54.67	60.47		60.77	0.001278	2.39	147.50	37.37	0.38
GR	22.353*	Max WS	TR200_D500	355.25	54.67	60.53		60.82	0.001243	2.38	149.51	37.37	0.38
GR	22.353*	Max WS	TR200_D550	356.06	54.67	60.55		60.84	0.001228	2.37	150.31	37.37	0.38
GR	22.353*	Max WS	TR200_D600	357.32	54.67	60.57		60.86	0.001217	2.36	151.12	37.37	0.38
GR	22.353*	Max WS	TR200_D650	359.21	54.67	60.59		60.88	0.001210	2.36	151.90	37.37	0.37
GR	22.353*	Max WS	TR200_D700	360.22	54.67	60.61		60.89	0.001205	2.36	152.39	37.37	0.37
GR	22.294*	Max WS	TR200_D450	354.85	54.62	60.49		60.80	0.001362	2.47	143.90	36.38	0.40
GR	22.294*	Max WS	TR200_D350	351.82	54.62	60.42		60.73	0.001410	2.49	141.47	36.38	0.40
GR	22.294*	Max WS	TR200_D400	353.23	54.62	60.45		60.77	0.001383	2.47	142.77	36.38	0.40
GR	22.294*	Max WS	TR200_D500	355.68	54.62	60.51		60.82	0.001344	2.46	144.73	36.38	0.39
GR	22.294*	Max WS	TR200_D550	356.12	54.62	60.53		60.84	0.001325	2.45	145.52	36.38	0.39

HEC-RAS River: Greve Reach: GR 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
GR	22.294*	Max WS	TR200_D600	357.65	54.62	60.55		60.86	0.001315	2.44	146.31	36.38	0.39
GR	22.294*	Max WS	TR200_D650	359.50	54.62	60.57		60.88	0.001307	2.44	147.07	36.38	0.39
GR	22.294*	Max WS	TR200_D700	360.53	54.62	60.59		60.89	0.001302	2.44	147.55	36.38	0.39
GR	22.235*	Max WS	TR200_D450	355.41	54.56	60.46		60.80	0.001484	2.56	139.03	35.38	0.41
GR	22.235*	Max WS	TR200_D350	352.41	54.56	60.40		60.74	0.001537	2.58	136.67	35.38	0.42
GR	22.235*	Max WS	TR200_D400	353.82	54.56	60.43		60.77	0.001507	2.57	137.93	35.38	0.41
GR	22.235*	Max WS	TR200_D500	356.06	54.56	60.49		60.82	0.001462	2.55	139.85	35.38	0.41
GR	22.235*	Max WS	TR200_D550	356.67	54.56	60.51		60.84	0.001443	2.54	140.62	35.38	0.41
GR	22.235*	Max WS	TR200_D600	358.15	54.56	60.53		60.86	0.001431	2.53	141.39	35.38	0.40
GR	22.235*	Max WS	TR200_D650	359.97	54.56	60.55		60.88	0.001423	2.53	142.13	35.38	0.40
GR	22.235*	Max WS	TR200_D700	361.04	54.56	60.57		60.89	0.001417	2.53	142.59	35.38	0.40
GR	22.176*	Max WS	TR200_D450	356.07	54.51	60.44		60.80	0.001629	2.66	134.07	34.39	0.43
GR	22.176*	Max WS	TR200_D350	353.09	54.51	60.37		60.74	0.001689	2.68	131.77	34.39	0.44
GR	22.176*	Max WS	TR200_D400	354.50	54.51	60.41		60.77	0.001654	2.67	133.00	34.39	0.43
GR	22.176*	Max WS	TR200_D500	356.68	54.51	60.47		60.82	0.001605	2.64	134.87	34.39	0.43
GR	22.176*	Max WS	TR200_D550	357.32	54.51	60.49		60.84	0.001583	2.63	135.63	34.39	0.42
GR	22.176*	Max WS	TR200_D600	358.85	54.51	60.51		60.86	0.001571	2.63	136.36	34.39	0.42
GR	22.176*	Max WS	TR200_D650	360.58	54.51	60.53		60.88	0.001560	2.63	137.09	34.39	0.42
GR	22.176*	Max WS	TR200_D700	361.67	54.51	60.54		60.90	0.001554	2.63	137.54	34.39	0.42
GR	22.118*	Max WS	TR200_D450	356.83	54.46	60.42		60.81	0.001802	2.77	129.03	33.39	0.45
GR	22.118*	Max WS	TR200_D350	353.89	54.46	60.35		60.75	0.001869	2.79	126.80	33.39	0.46
GR	22.118*	Max WS	TR200_D400	355.25	54.46	60.39		60.78	0.001831	2.78	127.99	33.39	0.45
GR	22.118*	Max WS	TR200_D500	357.42	54.46	60.44		60.83	0.001775	2.75	129.80	33.39	0.45
GR	22.118*	Max WS	TR200_D550	358.07	54.46	60.46		60.85	0.001751	2.74	130.53	33.39	0.44
GR	22.118*	Max WS	TR200_D600	359.60	54.46	60.48		60.87	0.001737	2.74	131.25	33.39	0.44
GR	22.118*	Max WS	TR200_D650	361.31	54.46	60.51		60.89	0.001725	2.74	131.96	33.39	0.44
GR	22.118*	Max WS	TR200_D700	362.42	54.46	60.52		60.90	0.001718	2.74	132.39	33.39	0.44
GR	22.059*	Max WS	TR200_D450	357.67	54.40	60.39		60.82	0.002011	2.89	123.89	32.40	0.47
GR	22.059*	Max WS	TR200_D350	354.74	54.40	60.32		60.76	0.002088	2.91	121.73	32.40	0.48
GR	22.059*	Max WS	TR200_D400	356.10	54.40	60.36		60.79	0.002044	2.90	122.88	32.40	0.48
GR	22.059*	Max WS	TR200_D500	358.27	54.40	60.41		60.84	0.001981	2.87	124.64	32.40	0.47
GR	22.059*	Max WS	TR200_D550	358.91	54.40	60.44		60.85	0.001954	2.86	125.35	32.40	0.46
GR	22.059*	Max WS	TR200_D600	360.47	54.40	60.46		60.87	0.001938	2.86	126.04	32.40	0.46
GR	22.059*	Max WS	TR200_D650	362.16	54.40	60.48		60.90	0.001925	2.86	126.73	32.40	0.46
GR	22.059*	Max WS	TR200_D700	363.30	54.40	60.49		60.91	0.001917	2.86	127.15	32.40	0.46
GR	22	Max WS	TR200_D450	358.55	54.35	60.36		60.83	0.002264	3.02	118.70	31.36	0.50
GR	22	Max WS	TR200_D350	355.63	54.35	60.30		60.77	0.002349	3.05	116.62	31.30	0.50
GR	22	Max WS	TR200_D400	356.98	54.35	60.33		60.80	0.002300	3.03	117.73	31.33	0.50
GR	22	Max WS	TR200_D500	359.16	54.35	60.39		60.85	0.002230	3.01	119.42	31.37	0.49
GR	22	Max WS	TR200_D550	359.81	54.35	60.41		60.87	0.002200	3.00	120.10	31.39	0.49
GR	22	Max WS	TR200_D600	361.39	54.35	60.43		60.89	0.002183	2.99	120.77	31.40	0.49
GR	22	Max WS	TR200_D650	363.10	54.35	60.45		60.91	0.002167	2.99	121.43	31.40	0.49
GR	22	Max WS	TR200_D700	364.24	54.35	60.47		60.92	0.002158	2.99	121.85	31.40	0.48
GR	21	Max WS	TR200_D450	368.31	53.69	60.27		60.61	0.001763	2.60	141.63	39.27	0.44
GR	21	Max WS	TR200_D350	365.07	53.69	60.19		60.55	0.001846	2.63	138.78	39.27	0.45
GR	21	Max WS	TR200_D400	366.53	53.69	60.23		60.58	0.001798	2.61	140.30	39.27	0.44
GR	21	Max WS	TR200_D500	369.07	53.69	60.29		60.63	0.001732	2.59	142.63	39.27	0.43
GR	21	Max WS	TR200_D550	369.72	53.69	60.32		60.65	0.001703	2.57	143.58	39.27	0.43
GR	21	Max WS	TR200_D600	371.31	53.69	60.34		60.68	0.001685	2.57	144.47	39.27	0.43
GR	21	Max WS	TR200_D650	373.31	53.69	60.36		60.70	0.001671	2.57	145.34	39.27	0.43
GR	21	Max WS	TR200_D700	374.46	53.69	60.37		60.71	0.001662	2.57	145.89	39.27	0.43
GR	20	Max WS	TR200_D450	382.65	53.48	60.07		60.64	0.002527	3.36	114.00	26.53	0.52
GR	20	Max WS	TR200_D350	378.82	53.48	60.00		60.58	0.002602	3.38	112.13	26.52	0.52
GR	20	Max WS	TR200_D400	380.70	53.48	60.04		60.61	0.002559	3.37	113.13	26.52	0.52
GR	20	Max WS	TR200_D500	383.73	53.48	60.09		60.66	0.002499	3.35	114.65	26.54	0.51
GR	20	Max WS	TR200_D550	384.70	53.48	60.12		60.68	0.002471	3.34	115.28	26.54	0.51
GR	20	Max WS	TR200_D600	386.84	53.48	60.14		60.71	0.002462	3.34	115.85	26.55	0.51
GR	20	Max WS	TR200_D650	389.55	53.48	60.16		60.73	0.002461	3.35	116.42	26.55	0.51
GR	20	Max WS	TR200_D700	391.35	53.48	60.17		60.75	0.002462	3.35	116.76	26.56	0.51
GR	19	Max WS	TR200_D450	393.88	53.24	59.93		60.44	0.002835	3.14	125.55	37.12	0.54
GR	19	Max WS	TR200_D350	389.46	53.24	59.86		60.37	0.002970	3.17	122.74	37.02	0.56
GR	19	Max WS	TR200_D400	391.64	53.24	59.90		60.41	0.002893	3.15	124.26	37.07	0.55
GR	19	Max WS	TR200_D500	395.05	53.24	59.96		60.46	0.002784	3.12	126.56	37.16	0.54
GR	19	Max WS	TR200_D550	396.46	53.24	59.99		60.48	0.002741	3.11	127.50	37.20	0.54
GR	19	Max WS	TR200_D600	398.73	53.24	60.01		60.50	0.002718	3.11	128.34	37.23	0.53
GR	19	Max WS	TR200_D650	401.68	53.24	60.03		60.52	0.002708	3.11	129.12	37.26	0.53
GR	19	Max WS	TR200_D700	403.70	53.24	60.04		60.54	0.002704	3.11	129.61	37.28	0.53
GR	18	Max WS	TR200_D450	402.19	53.39	59.74		60.30	0.002309	3.31	121.46	27.68	0.50
GR	18	Max WS	TR200_D350	397.21	53.39	59.66		60.23	0.002376	3.33	119.30	27.68	0.51
GR	18	Max WS	TR200_D400	399.80	53.39	59.71		60.27	0.002338	3.32	120.48	27.68	0.51
GR	18	Max WS	TR200_D500	403.75	53.39	59.77		60.33	0.002283	3.30	122.24	27.68	0.50
GR	18	Max WS	TR200_D550	405.41	53.39	59.80		60.35	0.002263	3.30	122.95	27.68	0.50
GR	18	Max WS	TR200_D600	408.05	53.39	59.82		60.37	0.002259	3.30	123.57	27.68	0.50
GR	18	Max WS	TR200_D650	411.25	53.39	59.84		60.40	0.002264	3.31	124.12	27.68	0.50
GR	18	Max WS	TR200_D700	413.43	53.39	59.85		60.41	0.002270	3.32	124.46	27.68	0.50
GR	17	Max WS	TR200_D450	405.56	53.35	59.61		60.28	0.003463	3.61	112.39	31.08	0.61
GR	17	Max WS	TR200_D350	400.10	53.35	59.53		60.21	0.003617	3.64	109.79	31.00	0.62
GR	17	Max WS	TR200_D400	402.92	53.35	59.58		60.25	0.003528	3.62	111.21	31.04	0.61
GR	17	Max WS	TR200_D500	407.43	53.35	59.64		60.30	0.003410	3.60	113.31	31.10	0.60
GR	17	Max WS	TR200_D550	409.35	53.35	59.67		60.33	0.003368	3.59	114.13	31.13	0.60
GR	17	Max WS	TR200_D600	412.19	53.35	59.69		60.35	0.003354	3.59	114.82	31.15	0.60
GR	17	Max WS	TR200_D650	415.60	53.35	59.71		60.37	0.003354	3.60	115.45	31.17	0.60
GR	17	Max WS	TR200_D700	417.92	53.35	59.73		60.39	0.003357	3.61	115.84	31.18	0.60
GR	16	Max WS	TR200_D450	412.77	53.33	59.42		60.06	0.003613	3.56	116.07	34.03	0.61
GR	16	Max WS	TR200_D350	406.57	53.33	59.33		59.99	0.003813	3.60	112.96	34.03	0.63
GR	16	Max WS	TR200_D400	409.61	53.33	59.38		60.03	0.003694	3.57	114.67	34.03	0.62
GR	16	Max WS	TR200_D500	414.21	53.33	59.45		60.09	0.003530	3.53	117.20	34.03	0.61

HEC-RAS River: Greve Reach: GR 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
GR	16	Max WS	TR200_D550	416.71	53.33	59.48		60.11	0.003483	3.53	118.18	34.03	0.60
GR	16	Max WS	TR200_D600	419.79	53.33	59.50		60.14	0.003463	3.53	118.95	34.03	0.60
GR	16	Max WS	TR200_D650	423.44	53.33	59.52		60.16	0.003461	3.54	119.65	34.03	0.60
GR	16	Max WS	TR200_D700	425.89	53.33	59.53		60.18	0.003464	3.55	120.05	34.03	0.60
GR	15	Max WS	TR200_D450	422.03	52.92	59.30		59.92	0.002918	3.48	121.24	31.28	0.56
GR	15	Max WS	TR200_D350	415.62	52.92	59.20		59.83	0.003025	3.52	118.21	30.92	0.57
GR	15	Max WS	TR200_D400	418.99	52.92	59.26		59.88	0.002963	3.50	119.87	31.12	0.57
GR	15	Max WS	TR200_D500	423.88	52.92	59.34		59.95	0.002865	3.46	122.36	31.32	0.56
GR	15	Max WS	TR200_D550	426.42	52.92	59.37		59.98	0.002833	3.46	123.30	31.32	0.56
GR	15	Max WS	TR200_D600	429.71	52.92	59.39		60.00	0.002824	3.46	124.05	31.32	0.56
GR	15	Max WS	TR200_D650	433.52	52.92	59.41		60.03	0.002830	3.48	124.69	31.32	0.56
GR	15	Max WS	TR200_D700	436.06	52.92	59.42		60.04	0.002838	3.49	125.06	31.32	0.56
GR	14	Max WS	TR200_D450	432.92	52.70	59.15		59.65	0.002144	3.14	137.94	33.95	0.50
GR	14	Max WS	TR200_D350	425.90	52.70	59.04		59.55	0.002233	3.17	134.36	33.67	0.51
GR	14	Max WS	TR200_D400	429.54	52.70	59.10		59.60	0.002180	3.15	136.34	33.83	0.50
GR	14	Max WS	TR200_D500	435.62	52.70	59.18		59.68	0.002114	3.13	139.26	34.05	0.49
GR	14	Max WS	TR200_D550	438.30	52.70	59.22		59.71	0.002093	3.12	140.36	34.14	0.49
GR	14	Max WS	TR200_D600	442.05	52.70	59.24		59.74	0.002095	3.13	141.19	34.20	0.49
GR	14	Max WS	TR200_D650	446.14	52.70	59.26		59.77	0.002106	3.14	141.86	34.25	0.49
GR	14	Max WS	TR200_D700	448.85	52.70	59.27		59.78	0.002115	3.16	142.25	34.28	0.49
GR	13	Max WS	TR200_D450	440.82	52.51	58.95		59.65	0.003771	3.69	119.59	33.71	0.62
GR	13	Max WS	TR200_D350	433.64	52.51	58.84		59.56	0.003768	3.74	115.95	31.84	0.63
GR	13	Max WS	TR200_D400	437.48	52.51	58.90		59.60	0.003882	3.71	117.90	33.71	0.63
GR	13	Max WS	TR200_D500	443.29	52.51	59.00		59.68	0.003674	3.66	121.04	33.71	0.62
GR	13	Max WS	TR200_D550	447.43	52.51	59.03		59.71	0.003635	3.66	122.19	33.71	0.61
GR	13	Max WS	TR200_D600	451.43	52.51	59.05		59.74	0.003624	3.67	123.02	33.71	0.61
GR	13	Max WS	TR200_D650	455.77	52.51	59.07		59.77	0.003636	3.69	123.65	33.71	0.61
GR	13	Max WS	TR200_D700	458.63	52.51	59.08		59.78	0.003650	3.70	124.00	33.71	0.62
GR	12	Max WS	TR200_D450	437.71	52.34	58.78		59.55	0.004294	3.88	112.93	32.04	0.66
GR	12	Max WS	TR200_D350	432.01	52.34	58.67		59.46	0.004627	3.96	109.19	31.87	0.68
GR	12	Max WS	TR200_D400	435.66	52.34	58.73		59.51	0.004458	3.92	111.17	31.96	0.67
GR	12	Max WS	TR200_D500	440.13	52.34	58.83		59.58	0.004164	3.84	114.47	32.05	0.65
GR	12	Max WS	TR200_D550	444.63	52.34	58.87		59.62	0.004120	3.85	115.63	32.05	0.65
GR	12	Max WS	TR200_D600	448.70	52.34	58.89		59.65	0.004108	3.85	116.42	32.05	0.65
GR	12	Max WS	TR200_D650	452.88	52.34	58.91		59.67	0.004121	3.87	117.01	32.05	0.65
GR	12	Max WS	TR200_D700	455.69	52.34	58.92		59.69	0.004138	3.88	117.32	32.05	0.65
GR	11	Max WS	TR200_D450	429.96	52.58	58.53		59.17	0.003750	3.55	121.20	37.86	0.63
GR	11	Max WS	TR200_D350	425.61	52.58	58.40		59.08	0.003655	3.65	116.68	34.06	0.63
GR	11	Max WS	TR200_D400	429.75	52.58	58.47		59.13	0.003531	3.61	118.96	34.30	0.62
GR	11	Max WS	TR200_D500	433.87	52.58	58.58		59.21	0.003634	3.52	123.14	37.86	0.62
GR	11	Max WS	TR200_D550	439.46	52.58	58.62		59.25	0.003597	3.53	124.56	37.86	0.62
GR	11	Max WS	TR200_D600	444.13	52.58	58.64		59.28	0.003586	3.54	125.52	37.86	0.62
GR	11	Max WS	TR200_D650	448.56	52.58	58.66		59.31	0.003599	3.55	126.18	37.86	0.62
GR	11	Max WS	TR200_D700	451.54	52.58	58.67		59.32	0.003616	3.57	126.52	37.86	0.62
GR	10	Max WS	TR200_D450	413.01	52.44	58.30		58.62	0.001294	2.51	164.63	37.47	0.38
GR	10	Max WS	TR200_D350	409.61	52.44	58.16		58.50	0.001405	2.57	159.42	37.47	0.40
GR	10	Max WS	TR200_D400	413.36	52.44	58.23		58.56	0.001359	2.55	162.10	37.47	0.39
GR	10	Max WS	TR200_D500	418.10	52.44	58.35		58.67	0.001279	2.51	166.59	37.47	0.38
GR	10	Max WS	TR200_D550	422.65	52.44	58.39		58.71	0.001274	2.52	168.01	37.47	0.38
GR	10	Max WS	TR200_D600	427.50	52.44	58.41		58.74	0.001281	2.53	168.97	37.47	0.38
GR	10	Max WS	TR200_D650	431.64	52.44	58.43		58.76	0.001292	2.55	169.56	37.47	0.38
GR	10	Max WS	TR200_D700	434.46	52.44	58.44		58.77	0.001302	2.56	169.85	37.47	0.38
GR	9	Max WS	TR200_D450	403.42	51.95	58.33		58.45	0.000360	1.48	273.47	55.18	0.21
GR	9	Max WS	TR200_D350	399.46	51.95	58.19		58.30	0.000388	1.51	265.36	55.18	0.22
GR	9	Max WS	TR200_D400	402.01	51.95	58.26		58.38	0.000374	1.49	269.62	55.18	0.22
GR	9	Max WS	TR200_D500	409.70	51.95	58.39		58.50	0.000359	1.48	276.41	55.18	0.21
GR	9	Max WS	TR200_D550	414.62	51.95	58.43		58.54	0.000359	1.49	278.55	55.18	0.21
GR	9	Max WS	TR200_D600	419.35	51.95	58.45		58.57	0.000362	1.50	279.93	55.18	0.21
GR	9	Max WS	TR200_D650	423.41	51.95	58.47		58.58	0.000365	1.51	280.78	55.18	0.21
GR	9	Max WS	TR200_D700	426.17	51.95	58.47		58.59	0.000369	1.52	281.17	55.18	0.21
GR	8	Max WS	TR200_D450	403.73	51.21	58.33		58.46	0.000387	1.59	254.47	46.44	0.22
GR	8	Max WS	TR200_D350	401.11	51.21	58.18		58.32	0.000415	1.62	247.66	46.44	0.22
GR	8	Max WS	TR200_D400	401.98	51.21	58.26		58.39	0.000399	1.60	251.20	46.44	0.22
GR	8	Max WS	TR200_D500	409.11	51.21	58.38		58.51	0.000385	1.59	256.95	46.44	0.22
GR	8	Max WS	TR200_D550	413.04	51.21	58.42		58.55	0.000385	1.60	258.73	46.44	0.22
GR	8	Max WS	TR200_D600	416.99	51.21	58.45		58.58	0.000387	1.60	259.91	46.44	0.22
GR	8	Max WS	TR200_D650	420.70	51.21	58.46		58.60	0.000390	1.61	260.63	46.44	0.22
GR	8	Max WS	TR200_D700	423.30	51.21	58.47		58.60	0.000394	1.62	260.94	46.44	0.22
GR	7	Max WS	TR200_D450	370.42	50.58	58.14		58.47	0.001190	2.56	144.42	25.07	0.34
GR	7	Max WS	TR200_D350	373.59	50.58	57.97		58.34	0.001313	2.66	140.40	25.07	0.36
GR	7	Max WS	TR200_D400	368.98	50.58	58.06		58.40	0.001227	2.59	142.52	25.07	0.35
GR	7	Max WS	TR200_D500	374.44	50.58	58.19		58.53	0.001183	2.57	145.79	25.07	0.34
GR	7	Max WS	TR200_D550	378.62	50.58	58.23		58.57	0.001187	2.58	146.75	25.07	0.34
GR	7	Max WS	TR200_D600	382.10	50.58	58.25		58.60	0.001194	2.59	147.37	25.07	0.34
GR	7	Max WS	TR200_D650	385.27	50.58	58.27		58.61	0.001206	2.61	147.73	25.07	0.34
GR	7	Max WS	TR200_D700	387.69	50.58	58.27		58.62	0.001218	2.62	147.86	25.07	0.34
GR	6	Max WS	TR200_D450	397.37	50.91	58.06		58.38	0.001263	2.50	158.97	33.99	0.37
GR	6	Max WS	TR200_D350	402.74	50.91	57.88		58.23	0.001459	2.63	152.94	33.99	0.40
GR	6	Max WS	TR200_D400	388.62	50.91	57.98		58.29	0.001274	2.49	156.21	33.99	0.37
GR	6	Max WS	TR200_D500	401.71	50.91	58.12		58.43	0.001244	2.50	160.92	33.99	0.37
GR	6	Max WS	TR200_D550	406.67	50.91	58.16		58.48	0.001243	2.51	162.26	33.99	0.37
GR	6	Max WS	TR200_D600	410.53	50.91	58.18		58.50	0.001247	2.52	163.11	33.99	0.37
GR	6	Max WS	TR200_D650	414.04	50.91	58.19		58.52	0.001258	2.53	163.58	33.99	0.37
GR	6	Max WS	TR200_D700	416.69	50.91	58.20		58.53	0.001270	2.54	163.73	33.99	0.37
GR	5	Max WS	TR200_D450	388.71	50.09	57.94		58.30	0.001422	2.66	146.02	29.29	0.38
GR	5	Max WS	TR200_D350	360.94	50.09	57.76		58.10	0.001370	2.57	140.66	29.29	0.37
GR	5	Max WS	TR200_D400	374.11	50.09	57.86		58.21	0.001382	2.60	143.69	29.29	0.38

HEC-RAS River: Greve Reach: GR 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
GR	5	Max WS	TR200_D500	393.18	50.09	58.00		58.36	0.001405	2.66	147.73	29.29	0.38
GR	5	Max WS	TR200_D550	398.79	50.09	58.04		58.41	0.001412	2.68	148.88	29.29	0.38
GR	5	Max WS	TR200_D600	402.80	50.09	58.07		58.43	0.001420	2.69	149.60	29.29	0.38
GR	5	Max WS	TR200_D650	406.26	50.09	58.08		58.45	0.001433	2.71	150.00	29.29	0.38
GR	5	Max WS	TR200_D700	408.84	50.09	58.08		58.46	0.001449	2.72	150.10	29.29	0.38
GR	4.9714*	Max WS	TR200_D450	388.84	50.08	57.94		58.28	0.001293	2.57	151.03	29.98	0.37
GR	4.9714*	Max WS	TR200_D350	361.11	50.08	57.76		58.07	0.001246	2.48	145.53	29.98	0.36
GR	4.9714*	Max WS	TR200_D400	374.41	50.08	57.86		58.19	0.001257	2.52	148.63	29.98	0.36
GR	4.9714*	Max WS	TR200_D500	393.37	50.08	58.00		58.34	0.001278	2.57	152.79	29.98	0.36
GR	4.9714*	Max WS	TR200_D550	399.04	50.08	58.04		58.38	0.001286	2.59	153.97	29.98	0.37
GR	4.9714*	Max WS	TR200_D600	402.98	50.08	58.06		58.41	0.001293	2.60	154.71	29.98	0.37
GR	4.9714*	Max WS	TR200_D650	406.51	50.08	58.08		58.43	0.001305	2.62	155.11	29.98	0.37
GR	4.9714*	Max WS	TR200_D700	409.10	50.08	58.08		58.44	0.001319	2.64	155.22	29.98	0.37
GR	4.9429*	Max WS	TR200_D450	388.95	50.06	57.94		58.26	0.001179	2.49	156.12	30.68	0.35
GR	4.9429*	Max WS	TR200_D350	361.76	50.06	57.76		58.05	0.001139	2.40	150.47	30.68	0.35
GR	4.9429*	Max WS	TR200_D400	375.05	50.06	57.86		58.16	0.001150	2.44	153.66	30.68	0.35
GR	4.9429*	Max WS	TR200_D500	393.98	50.06	58.00		58.32	0.001169	2.49	157.92	30.68	0.35
GR	4.9429*	Max WS	TR200_D550	399.48	50.06	58.04		58.36	0.001175	2.51	159.13	30.68	0.35
GR	4.9429*	Max WS	TR200_D600	403.64	50.06	58.06		58.39	0.001183	2.52	159.89	30.68	0.35
GR	4.9429*	Max WS	TR200_D650	407.15	50.06	58.08		58.41	0.001194	2.54	160.30	30.68	0.35
GR	4.9429*	Max WS	TR200_D700	409.75	50.06	58.08		58.41	0.001207	2.55	160.41	30.68	0.36
GR	4.9143*	Max WS	TR200_D450	389.46	50.05	57.94		58.24	0.001081	2.42	161.26	31.37	0.34
GR	4.9143*	Max WS	TR200_D350	362.45	50.05	57.76		58.03	0.001044	2.33	155.49	31.37	0.33
GR	4.9143*	Max WS	TR200_D400	375.78	50.05	57.86		58.15	0.001054	2.37	158.75	31.37	0.34
GR	4.9143*	Max WS	TR200_D500	394.54	50.05	58.00		58.30	0.001072	2.42	163.12	31.37	0.34
GR	4.9143*	Max WS	TR200_D550	400.14	50.05	58.04		58.34	0.001078	2.43	164.36	31.37	0.34
GR	4.9143*	Max WS	TR200_D600	404.28	50.05	58.06		58.37	0.001085	2.45	165.13	31.37	0.34
GR	4.9143*	Max WS	TR200_D650	407.83	50.05	58.08		58.39	0.001096	2.46	165.56	31.37	0.34
GR	4.9143*	Max WS	TR200_D700	410.45	50.05	58.08		58.39	0.001108	2.48	165.66	31.37	0.34
GR	4.8857*	Max WS	TR200_D450	390.17	50.03	57.94		58.22	0.000993	2.34	166.49	32.06	0.33
GR	4.8857*	Max WS	TR200_D350	363.25	50.03	57.76		58.02	0.000959	2.26	160.57	32.06	0.32
GR	4.8857*	Max WS	TR200_D400	376.49	50.03	57.86		58.13	0.000969	2.30	163.91	32.06	0.32
GR	4.8857*	Max WS	TR200_D500	395.23	50.03	58.00		58.28	0.000985	2.35	168.38	32.06	0.33
GR	4.8857*	Max WS	TR200_D550	400.84	50.03	58.04		58.32	0.000991	2.36	169.66	32.06	0.33
GR	4.8857*	Max WS	TR200_D600	404.95	50.03	58.06		58.35	0.000998	2.38	170.45	32.06	0.33
GR	4.8857*	Max WS	TR200_D650	408.54	50.03	58.08		58.37	0.001008	2.39	170.87	32.06	0.33
GR	4.8857*	Max WS	TR200_D700	411.16	50.03	58.08		58.38	0.001019	2.40	170.98	32.06	0.33
GR	4.8571*	Max WS	TR200_D450	390.96	50.02	57.94		58.21	0.000916	2.28	171.77	32.76	0.32
GR	4.8571*	Max WS	TR200_D350	364.11	50.02	57.76		58.00	0.000884	2.20	165.71	32.76	0.31
GR	4.8571*	Max WS	TR200_D400	377.13	50.02	57.86		58.11	0.000892	2.23	169.14	32.76	0.31
GR	4.8571*	Max WS	TR200_D500	395.70	50.02	58.00		58.27	0.000907	2.28	173.72	32.76	0.32
GR	4.8571*	Max WS	TR200_D550	401.63	50.02	58.04		58.31	0.000914	2.29	175.01	32.76	0.32
GR	4.8571*	Max WS	TR200_D600	405.74	50.02	58.07		58.34	0.000920	2.31	175.83	32.76	0.32
GR	4.8571*	Max WS	TR200_D650	409.02	50.02	58.08		58.35	0.000928	2.32	176.26	32.76	0.32
GR	4.8571*	Max WS	TR200_D700	411.67	50.02	58.08		58.36	0.000938	2.33	176.38	32.76	0.32
GR	4.8286*	Max WS	TR200_D450	391.58	50.00	57.94		58.19	0.000845	2.21	177.13	33.45	0.31
GR	4.8286*	Max WS	TR200_D350	364.92	50.00	57.76		57.99	0.000816	2.13	170.93	33.45	0.30
GR	4.8286*	Max WS	TR200_D400	378.00	50.00	57.86		58.10	0.000824	2.17	174.45	33.45	0.30
GR	4.8286*	Max WS	TR200_D500	396.25	50.00	58.00		58.25	0.000837	2.21	179.12	33.45	0.31
GR	4.8286*	Max WS	TR200_D550	402.14	50.00	58.04		58.30	0.000843	2.23	180.45	33.45	0.31
GR	4.8286*	Max WS	TR200_D600	406.27	50.00	58.07		58.32	0.000849	2.24	181.28	33.45	0.31
GR	4.8286*	Max WS	TR200_D650	409.90	50.00	58.08		58.34	0.000858	2.26	181.73	33.45	0.31
GR	4.8286*	Max WS	TR200_D700	412.55	50.00	58.08		58.35	0.000867	2.27	181.84	33.45	0.31
GR	4.8000*	Max WS	TR200_D450	392.12	49.99	57.94		58.18	0.000781	2.15	182.55	34.15	0.30
GR	4.8000*	Max WS	TR200_D350	365.73	49.99	57.76		57.98	0.000755	2.08	176.22	34.15	0.29
GR	4.8000*	Max WS	TR200_D400	378.44	49.99	57.86		58.09	0.000761	2.10	179.81	34.15	0.29
GR	4.8000*	Max WS	TR200_D500	397.05	49.99	58.00		58.24	0.000775	2.15	184.59	34.15	0.30
GR	4.8000*	Max WS	TR200_D550	402.82	49.99	58.04		58.28	0.000780	2.17	185.95	34.15	0.30
GR	4.8000*	Max WS	TR200_D600	407.08	49.99	58.07		58.31	0.000786	2.18	186.79	34.15	0.30
GR	4.8000*	Max WS	TR200_D650	410.69	49.99	58.08		58.33	0.000794	2.19	187.25	34.15	0.30
GR	4.8000*	Max WS	TR200_D700	413.35	49.99	58.09		58.33	0.000803	2.21	187.37	34.15	0.30
GR	4.7714*	Max WS	TR200_D450	392.64	49.98	57.95		58.17	0.000723	2.09	188.04	34.84	0.29
GR	4.7714*	Max WS	TR200_D350	366.23	49.98	57.76		57.97	0.000699	2.02	181.57	34.84	0.28
GR	4.7714*	Max WS	TR200_D400	379.09	49.98	57.87		58.08	0.000705	2.05	185.24	34.84	0.28
GR	4.7714*	Max WS	TR200_D500	397.69	49.98	58.01		58.23	0.000718	2.09	190.12	34.84	0.29
GR	4.7714*	Max WS	TR200_D550	403.41	49.98	58.05		58.27	0.000723	2.11	191.51	34.84	0.29
GR	4.7714*	Max WS	TR200_D600	407.70	49.98	58.07		58.30	0.000729	2.12	192.37	34.84	0.29
GR	4.7714*	Max WS	TR200_D650	411.32	49.98	58.08		58.32	0.000736	2.13	192.84	34.84	0.29
GR	4.7714*	Max WS	TR200_D700	413.97	49.98	58.09		58.32	0.000744	2.15	192.96	34.84	0.29
GR	4.7429*	Max WS	TR200_D450	393.38	49.96	57.95		58.16	0.000672	2.03	193.59	35.53	0.28
GR	4.7429*	Max WS	TR200_D350	366.36	49.96	57.76		57.96	0.000647	1.96	186.98	35.53	0.27
GR	4.7429*	Max WS	TR200_D400	379.58	49.96	57.87		58.07	0.000654	1.99	190.73	35.53	0.27
GR	4.7429*	Max WS	TR200_D500	398.23	49.96	58.01		58.22	0.000666	2.03	195.71	35.53	0.28
GR	4.7429*	Max WS	TR200_D550	403.88	49.96	58.05		58.26	0.000671	2.05	197.13	35.53	0.28
GR	4.7429*	Max WS	TR200_D600	408.20	49.96	58.07		58.29	0.000676	2.06	198.02	35.53	0.28
GR	4.7429*	Max WS	TR200_D650	411.87	49.96	58.09		58.30	0.000684	2.08	198.48	35.53	0.28
GR	4.7429*	Max WS	TR200_D700	414.53	49.96	58.09		58.31	0.000691	2.09	198.61	35.53	0.28
GR	4.7143*	Max WS	TR200_D450	393.61	49.95	57.95		58.15	0.000624	1.98	199.20	36.22	0.27
GR	4.7143*	Max WS	TR200_D350	366.81	49.95	57.76		57.95	0.000600	1.91	192.46	36.22	0.26
GR	4.7143*	Max WS	TR200_D400	380.18	49.95	57.87		58.06	0.000608	1.94	196.28	36.22	0.27
GR	4.7143*	Max WS	TR200_D500	398.69	49.95	58.01		58.21	0.000619	1.98	201.37	36.22	0.27
GR	4.7143*	Max WS	TR200_D550	404.40	49.95	58.05		58.25	0.000624	1.99	202.82	36.22	0.27
GR	4.7143*	Max WS	TR200_D600	408.71	49.95	58.07		58.28	0.000629	2.01	203.73	36.22	0.27
GR	4.7143*	Max WS	TR200_D650	412.38	49.95	58.09		58.30	0.000635	2.02	204.20	36.22	0.27
GR	4.7143*	Max WS	TR200_D700	415.06	49.95	58.09		58.30	0.000643	2.03	204.32	36.22	0.27
GR	4.6857*	Max WS	TR200_D450	394.38	49.93	57.95		58.14	0.000581	1.93	204.84	36.92	0.26
GR	4.6857*	Max WS	TR200_D350	367.47	49.93	57.77		57.94	0.000559	1.86	197.99	36.92	0.26

HEC-RAS River: Greve Reach: GR 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
GR	4.6857*	Max WS	TR200_D400	380.90	49.93	57.87		58.05	0.000567	1.89	201.88	36.92	0.26
GR	4.6857*	Max WS	TR200_D500	399.61	49.93	58.01		58.20	0.000578	1.93	207.07	36.92	0.26
GR	4.6857*	Max WS	TR200_D550	405.33	49.93	58.05		58.24	0.000582	1.94	208.54	36.92	0.26
GR	4.6857*	Max WS	TR200_D600	409.61	49.93	58.08		58.27	0.000587	1.96	209.45	36.92	0.26
GR	4.6857*	Max WS	TR200_D650	413.30	49.93	58.09		58.29	0.000593	1.97	209.95	36.92	0.26
GR	4.6857*	Max WS	TR200_D700	415.98	49.93	58.09		58.29	0.000600	1.98	210.07	36.92	0.27
GR	4.6571*	Max WS	TR200_D450	394.82	49.92	57.95		58.13	0.000542	1.87	210.57	37.61	0.25
GR	4.6571*	Max WS	TR200_D350	367.86	49.92	57.77		57.93	0.000521	1.81	203.58	37.61	0.25
GR	4.6571*	Max WS	TR200_D400	381.32	49.92	57.87		58.04	0.000528	1.84	207.54	37.61	0.25
GR	4.6571*	Max WS	TR200_D500	400.04	49.92	58.01		58.19	0.000539	1.88	212.83	37.61	0.25
GR	4.6571*	Max WS	TR200_D550	405.75	49.92	58.05		58.24	0.000543	1.89	214.33	37.61	0.25
GR	4.6571*	Max WS	TR200_D600	410.01	49.92	58.08		58.26	0.000547	1.90	215.27	37.61	0.25
GR	4.6571*	Max WS	TR200_D650	413.73	49.92	58.09		58.28	0.000553	1.92	215.77	37.61	0.26
GR	4.6571*	Max WS	TR200_D700	416.42	49.92	58.09		58.28	0.000559	1.93	215.90	37.61	0.26
GR	4.6286*	Max WS	TR200_D450	395.23	49.90	57.95		58.12	0.000506	1.83	216.35	38.31	0.25
GR	4.6286*	Max WS	TR200_D350	368.20	49.90	57.77		57.93	0.000485	1.76	209.23	38.31	0.24
GR	4.6286*	Max WS	TR200_D400	381.63	49.90	57.87		58.04	0.000492	1.79	213.27	38.31	0.24
GR	4.6286*	Max WS	TR200_D500	400.14	49.90	58.02		58.19	0.000502	1.83	218.66	38.31	0.24
GR	4.6286*	Max WS	TR200_D550	406.13	49.90	58.05		58.23	0.000507	1.84	220.19	38.31	0.25
GR	4.6286*	Max WS	TR200_D600	410.38	49.90	58.08		58.26	0.000511	1.86	221.15	38.31	0.25
GR	4.6286*	Max WS	TR200_D650	414.10	49.90	58.09		58.27	0.000516	1.87	221.66	38.31	0.25
GR	4.6286*	Max WS	TR200_D700	416.81	49.90	58.10		58.28	0.000522	1.88	221.79	38.31	0.25
GR	4.6000*	Max WS	TR200_D450	395.75	49.89	57.96		58.12	0.000473	1.78	222.19	39.00	0.24
GR	4.6000*	Max WS	TR200_D350	368.57	49.89	57.77		57.92	0.000453	1.71	214.94	39.00	0.23
GR	4.6000*	Max WS	TR200_D400	382.11	49.89	57.88		58.03	0.000460	1.74	219.05	39.00	0.24
GR	4.6000*	Max WS	TR200_D500	400.64	49.89	58.02		58.18	0.000470	1.78	224.54	39.00	0.24
GR	4.6000*	Max WS	TR200_D550	406.63	49.89	58.06		58.22	0.000474	1.80	226.10	39.00	0.24
GR	4.6000*	Max WS	TR200_D600	410.88	49.89	58.08		58.25	0.000478	1.81	227.07	39.00	0.24
GR	4.6000*	Max WS	TR200_D650	414.64	49.89	58.10		58.26	0.000483	1.82	227.60	39.00	0.24
GR	4.6000*	Max WS	TR200_D700	417.34	49.89	58.10		58.27	0.000489	1.83	227.73	39.00	0.24
GR	4.5714*	Max WS	TR200_D450	395.94	49.88	57.96		58.11	0.000442	1.74	228.08	39.69	0.23
GR	4.5714*	Max WS	TR200_D350	368.69	49.88	57.77		57.91	0.000423	1.67	220.70	39.69	0.23
GR	4.5714*	Max WS	TR200_D400	382.29	49.88	57.88		58.03	0.000430	1.70	224.88	39.69	0.23
GR	4.5714*	Max WS	TR200_D500	400.74	49.88	58.02		58.17	0.000439	1.74	230.48	39.69	0.23
GR	4.5714*	Max WS	TR200_D550	406.76	49.88	58.06		58.22	0.000443	1.75	232.07	39.69	0.23
GR	4.5714*	Max WS	TR200_D600	411.01	49.88	58.08		58.24	0.000447	1.76	233.06	39.69	0.23
GR	4.5714*	Max WS	TR200_D650	414.74	49.88	58.10		58.26	0.000452	1.78	233.59	39.69	0.23
GR	4.5714*	Max WS	TR200_D700	417.47	49.88	58.10		58.26	0.000457	1.79	233.73	39.69	0.24
GR	4.5429*	Max WS	TR200_D450	395.36	49.86	57.96		58.11	0.000412	1.69	234.08	40.39	0.22
GR	4.5429*	Max WS	TR200_D350	368.35	49.86	57.77		57.91	0.000395	1.63	226.54	40.39	0.22
GR	4.5429*	Max WS	TR200_D400	381.79	49.86	57.88		58.02	0.000401	1.65	230.81	40.39	0.22
GR	4.5429*	Max WS	TR200_D500	400.06	49.86	58.02		58.17	0.000409	1.69	236.51	40.39	0.22
GR	4.5429*	Max WS	TR200_D550	406.07	49.86	58.06		58.21	0.000413	1.71	238.14	40.39	0.22
GR	4.5429*	Max WS	TR200_D600	410.23	49.86	58.09		58.24	0.000416	1.72	239.15	40.39	0.23
GR	4.5429*	Max WS	TR200_D650	413.96	49.86	58.10		58.25	0.000421	1.73	239.69	40.39	0.23
GR	4.5429*	Max WS	TR200_D700	416.69	49.86	58.10		58.26	0.000426	1.74	239.83	40.39	0.23
GR	4.5143*	Max WS	TR200_D450	392.63	49.85	57.97		58.10	0.000380	1.63	240.21	41.08	0.22
GR	4.5143*	Max WS	TR200_D350	366.15	49.85	57.78		57.91	0.000365	1.57	232.52	41.08	0.21
GR	4.5143*	Max WS	TR200_D400	379.32	49.85	57.89		58.02	0.000370	1.60	236.88	41.08	0.21
GR	4.5143*	Max WS	TR200_D500	397.15	49.85	58.03		58.16	0.000377	1.64	242.70	41.08	0.21
GR	4.5143*	Max WS	TR200_D550	402.93	49.85	58.07		58.21	0.000380	1.65	244.35	41.08	0.22
GR	4.5143*	Max WS	TR200_D600	407.05	49.85	58.09		58.23	0.000383	1.66	245.39	41.08	0.22
GR	4.5143*	Max WS	TR200_D650	410.76	49.85	58.11		58.25	0.000388	1.67	245.94	41.08	0.22
GR	4.5143*	Max WS	TR200_D700	413.48	49.85	58.11		58.25	0.000392	1.68	246.08	41.08	0.22
GR	4.4857*	Max WS	TR200_D450	382.75	49.83	57.98		58.10	0.000337	1.55	246.68	41.77	0.20
GR	4.4857*	Max WS	TR200_D350	358.15	49.83	57.79		57.90	0.000326	1.50	238.78	41.77	0.20
GR	4.4857*	Max WS	TR200_D400	370.25	49.83	57.90		58.01	0.000329	1.52	243.25	41.77	0.20
GR	4.4857*	Max WS	TR200_D500	386.67	49.83	58.04		58.16	0.000334	1.55	249.24	41.77	0.20
GR	4.4857*	Max WS	TR200_D550	392.07	49.83	58.08		58.20	0.000336	1.56	250.94	41.77	0.20
GR	4.4857*	Max WS	TR200_D600	395.90	49.83	58.11		58.23	0.000338	1.57	252.00	41.77	0.20
GR	4.4857*	Max WS	TR200_D650	399.55	49.83	58.12		58.25	0.000342	1.58	252.57	41.77	0.21
GR	4.4857*	Max WS	TR200_D700	402.24	49.83	58.12		58.25	0.000346	1.59	252.71	41.77	0.21
GR	4.4571*	Max WS	TR200_D450	367.63	49.82	57.99		58.10	0.000290	1.45	253.39	42.47	0.19
GR	4.4571*	Max WS	TR200_D350	346.12	49.82	57.80		57.90	0.000284	1.41	245.25	42.47	0.19
GR	4.4571*	Max WS	TR200_D400	356.52	49.82	57.91		58.01	0.000285	1.43	249.86	42.47	0.19
GR	4.4571*	Max WS	TR200_D500	370.69	49.82	58.06		58.16	0.000286	1.45	256.02	42.47	0.19
GR	4.4571*	Max WS	TR200_D550	375.67	49.82	58.10		58.20	0.000288	1.46	257.77	42.47	0.19
GR	4.4571*	Max WS	TR200_D600	379.17	49.82	58.12		58.23	0.000289	1.46	258.87	42.47	0.19
GR	4.4571*	Max WS	TR200_D650	382.64	49.82	58.14		58.25	0.000293	1.47	259.45	42.47	0.19
GR	4.4571*	Max WS	TR200_D700	385.26	49.82	58.14		58.25	0.000296	1.48	259.60	42.47	0.19
GR	4.4286*	Max WS	TR200_D450	351.19	49.80	58.01		58.10	0.000247	1.35	260.17	43.16	0.18
GR	4.4286*	Max WS	TR200_D350	332.57	49.80	57.81		57.90	0.000245	1.32	251.79	43.16	0.17
GR	4.4286*	Max WS	TR200_D400	341.17	49.80	57.92		58.01	0.000243	1.33	256.54	43.16	0.17
GR	4.4286*	Max WS	TR200_D500	353.29	49.80	58.07		58.16	0.000243	1.34	262.87	43.16	0.17
GR	4.4286*	Max WS	TR200_D550	357.65	49.80	58.11		58.21	0.000243	1.35	264.67	43.16	0.17
GR	4.4286*	Max WS	TR200_D600	360.82	49.80	58.14		58.23	0.000245	1.36	265.80	43.16	0.17
GR	4.4286*	Max WS	TR200_D650	364.13	49.80	58.15		58.25	0.000247	1.37	266.41	43.16	0.18
GR	4.4286*	Max WS	TR200_D700	366.74	49.80	58.16		58.25	0.000251	1.38	266.57	43.16	0.18
GR	4.4000*	Max WS	TR200_D450	341.49	49.79	58.02		58.10	0.000219	1.28	266.76	43.85	0.17
GR	4.4000*	Max WS	TR200_D350	324.86	49.79	57.82		57.90	0.000219	1.26	258.17	43.85	0.17
GR	4.4000*	Max WS	TR200_D400	332.41	49.79	57.93		58.01	0.000217	1.26	263.03	43.85	0.16
GR	4.4000*	Max WS	TR200_D500	342.95	49.79	58.08		58.16	0.000214	1.27	269.52	43.85	0.16
GR	4.4000*	Max WS	TR200_D550	346.90	49.79	58.12		58.21	0.000215	1.28	271.36	43.85	0.16
GR	4.4000*	Max WS	TR200_D600	349.80	49.79	58.15		58.23	0.000216	1.28	272.51	43.85	0.16
GR	4.4000*	Max WS	TR200_D650	352.98	49.79	58.16		58.25	0.000218	1.29	273.14	43.85	0.17
GR	4.4000*	Max WS	TR200_D700	355.49	49.79	58.17		58.25	0.000221	1.30	273.30	43.85	0.17
GR	4.3714*	Max WS	TR200_D450	339.22	49.78	58.02		58.10	0.000204	1.24	273.14	44.55	0.16

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
GR	4.3714*	Max WS	TR200_D350	322.98	49.78	57.82		57.90	0.000204	1.22	264.39	44.55	0.16
GR	4.3714*	Max WS	TR200_D400	330.23	49.78	57.94		58.01	0.000201	1.23	269.35	44.55	0.16
GR	4.3714*	Max WS	TR200_D500	340.27	49.78	58.08		58.16	0.000199	1.23	275.95	44.55	0.16
GR	4.3714*	Max WS	TR200_D550	344.07	49.78	58.13		58.20	0.000199	1.24	277.82	44.55	0.16
GR	4.3714*	Max WS	TR200_D600	346.88	49.78	58.15		58.23	0.000200	1.24	279.00	44.55	0.16
GR	4.3714*	Max WS	TR200_D650	350.03	49.78	58.17		58.25	0.000202	1.25	279.63	44.55	0.16
GR	4.3714*	Max WS	TR200_D700	352.52	49.78	58.17		58.25	0.000204	1.26	279.80	44.55	0.16
GR	4.3429*	Max WS	TR200_D450	337.25	49.76	58.02		58.10	0.000190	1.21	279.58	45.24	0.15
GR	4.3429*	Max WS	TR200_D350	321.45	49.76	57.83		57.90	0.000190	1.19	270.67	45.24	0.16
GR	4.3429*	Max WS	TR200_D400	328.36	49.76	57.94		58.01	0.000188	1.19	275.70	45.24	0.15
GR	4.3429*	Max WS	TR200_D500	337.91	49.76	58.09		58.16	0.000185	1.20	282.43	45.24	0.15
GR	4.3429*	Max WS	TR200_D550	341.56	49.76	58.13		58.20	0.000185	1.20	284.33	45.24	0.15
GR	4.3429*	Max WS	TR200_D600	344.28	49.76	58.16		58.23	0.000185	1.21	285.53	45.24	0.15
GR	4.3429*	Max WS	TR200_D650	347.35	49.76	58.17		58.25	0.000188	1.21	286.18	45.24	0.15
GR	4.3429*	Max WS	TR200_D700	349.87	49.76	58.17		58.25	0.000190	1.22	286.35	45.24	0.16
GR	4.3143*	Max WS	TR200_D450	334.99	49.75	58.03		58.10	0.000177	1.17	286.05	45.93	0.15
GR	4.3143*	Max WS	TR200_D350	320.07	49.75	57.83		57.90	0.000178	1.16	276.97	45.93	0.15
GR	4.3143*	Max WS	TR200_D400	326.57	49.75	57.94		58.01	0.000175	1.16	282.11	45.93	0.15
GR	4.3143*	Max WS	TR200_D500	335.70	49.75	58.09		58.16	0.000172	1.16	288.94	45.93	0.15
GR	4.3143*	Max WS	TR200_D550	339.26	49.75	58.13		58.20	0.000172	1.17	290.89	45.93	0.15
GR	4.3143*	Max WS	TR200_D600	341.83	49.75	58.16		58.23	0.000173	1.17	292.11	45.93	0.15
GR	4.3143*	Max WS	TR200_D650	344.86	49.75	58.17		58.24	0.000174	1.18	292.77	45.93	0.15
GR	4.3143*	Max WS	TR200_D700	347.34	49.75	58.18		58.25	0.000177	1.19	292.95	45.93	0.15
GR	4.2857*	Max WS	TR200_D450	333.45	49.73	58.03		58.09	0.000165	1.14	292.55	46.63	0.15
GR	4.2857*	Max WS	TR200_D350	318.84	49.73	57.83		57.90	0.000166	1.13	283.34	46.63	0.15
GR	4.2857*	Max WS	TR200_D400	325.02	49.73	57.94		58.01	0.000164	1.13	288.54	46.63	0.14
GR	4.2857*	Max WS	TR200_D500	334.07	49.73	58.09		58.16	0.000161	1.13	295.50	46.63	0.14
GR	4.2857*	Max WS	TR200_D550	337.11	49.73	58.13		58.20	0.000161	1.13	297.48	46.63	0.14
GR	4.2857*	Max WS	TR200_D600	339.59	49.73	58.16		58.23	0.000161	1.14	298.72	46.63	0.14
GR	4.2857*	Max WS	TR200_D650	342.59	49.73	58.18		58.24	0.000163	1.14	299.38	46.63	0.14
GR	4.2857*	Max WS	TR200_D700	345.06	49.73	58.18		58.25	0.000165	1.15	299.57	46.63	0.15
GR	4.2571*	Max WS	TR200_D450	331.76	49.72	58.03		58.09	0.000155	1.11	299.12	47.32	0.14
GR	4.2571*	Max WS	TR200_D350	317.61	49.72	57.83		57.89	0.000156	1.10	289.75	47.32	0.14
GR	4.2571*	Max WS	TR200_D400	323.49	49.72	57.94		58.01	0.000153	1.10	295.05	47.32	0.14
GR	4.2571*	Max WS	TR200_D500	332.16	49.72	58.09		58.16	0.000150	1.10	302.12	47.32	0.14
GR	4.2571*	Max WS	TR200_D550	335.00	49.72	58.14		58.20	0.000150	1.10	304.13	47.32	0.14
GR	4.2571*	Max WS	TR200_D600	337.36	49.72	58.16		58.23	0.000150	1.10	305.39	47.32	0.14
GR	4.2571*	Max WS	TR200_D650	340.34	49.72	58.18		58.24	0.000152	1.11	306.07	47.32	0.14
GR	4.2571*	Max WS	TR200_D700	342.80	49.72	58.18		58.25	0.000154	1.12	306.26	47.32	0.14
GR	4.2286*	Max WS	TR200_D450	329.17	49.70	58.03		58.09	0.000144	1.08	305.78	48.02	0.14
GR	4.2286*	Max WS	TR200_D350	315.48	49.70	57.84		57.89	0.000146	1.06	296.25	48.02	0.14
GR	4.2286*	Max WS	TR200_D400	320.98	49.70	57.95		58.01	0.000143	1.06	301.64	48.02	0.14
GR	4.2286*	Max WS	TR200_D500	329.03	49.70	58.10		58.15	0.000140	1.07	308.82	48.02	0.13
GR	4.2286*	Max WS	TR200_D550	331.73	49.70	58.14		58.20	0.000139	1.07	310.87	48.02	0.13
GR	4.2286*	Max WS	TR200_D600	333.92	49.70	58.17		58.22	0.000139	1.07	312.16	48.02	0.13
GR	4.2286*	Max WS	TR200_D650	336.82	49.70	58.18		58.24	0.000141	1.08	312.85	48.02	0.13
GR	4.2286*	Max WS	TR200_D700	339.26	49.70	58.18		58.24	0.000143	1.08	313.04	48.02	0.14
GR	4.2	Max WS	TR200_D450	326.54	49.69	58.04		58.09	0.000134	1.05	312.46	48.71	0.13
GR	4.2	Max WS	TR200_D350	313.56	49.69	57.84		57.89	0.000136	1.04	302.78	48.71	0.13
GR	4.2	Max WS	TR200_D400	318.72	49.69	57.95		58.00	0.000133	1.03	308.25	48.71	0.13
GR	4.2	Max WS	TR200_D500	326.28	49.69	58.10		58.15	0.000130	1.03	315.56	48.71	0.13
GR	4.2	Max WS	TR200_D550	328.84	49.69	58.14		58.20	0.000130	1.04	317.64	48.71	0.13
GR	4.2	Max WS	TR200_D600	330.94	49.69	58.17		58.22	0.000130	1.04	318.94	48.71	0.13
GR	4.2	Max WS	TR200_D650	333.80	49.69	58.18		58.24	0.000131	1.04	319.66	48.71	0.13
GR	4.2	Max WS	TR200_D700	336.23	49.69	58.19		58.24	0.000133	1.05	319.85	48.71	0.13
GR	4	Max WS	TR200_D450	631.11	49.69	57.69	54.13	57.96	0.000727	2.27	278.13	48.71	0.30
GR	4	Max WS	TR200_D350	607.30	49.69	57.52	54.05	57.78	0.000740	2.25	269.67	48.64	0.31
GR	4	Max WS	TR200_D400	619.72	49.69	57.61	54.09	57.87	0.000733	2.26	274.18	48.68	0.30
GR	4	Max WS	TR200_D500	639.46	49.69	57.75	54.16	58.02	0.000724	2.28	280.93	48.71	0.30
GR	4	Max WS	TR200_D550	645.35	49.69	57.79	54.18	58.06	0.000722	2.28	282.89	48.71	0.30
GR	4	Max WS	TR200_D600	649.16	49.69	57.82	54.19	58.08	0.000721	2.28	284.13	48.71	0.30
GR	4	Max WS	TR200_D650	651.39	49.69	57.83	54.20	58.10	0.000720	2.29	284.85	48.71	0.30
GR	4	Max WS	TR200_D700	652.19	49.69	57.84	54.21	58.10	0.000720	2.29	285.09	48.71	0.30
GR	3		Bridge										
GR	2	Max WS	TR200_D450	631.10	49.85	57.13		57.44	0.000935	2.46	256.50	48.84	0.34
GR	2	Max WS	TR200_D350	607.30	49.85	56.98		57.28	0.000885	2.44	249.35	48.69	0.34
GR	2	Max WS	TR200_D400	619.72	49.85	57.06		57.37	0.000881	2.45	253.13	48.79	0.34
GR	2	Max WS	TR200_D500	639.46	49.85	57.19		57.50	0.000931	2.47	259.01	48.85	0.34
GR	2	Max WS	TR200_D550	645.35	49.85	57.22		57.53	0.000930	2.48	260.72	48.85	0.34
GR	2	Max WS	TR200_D600	649.13	49.85	57.24		57.56	0.000928	2.48	261.82	48.85	0.34
GR	2	Max WS	TR200_D650	651.36	49.85	57.26		57.57	0.000928	2.48	262.45	48.85	0.34
GR	2	Max WS	TR200_D700	652.16	49.85	57.26		57.57	0.000928	2.48	262.65	48.85	0.34
GR	1.9		Lat Struct										
GR	1.85		Lat Struct										
GR	1.8	Max WS	TR200_D450	631.31	49.85	57.15		57.42	0.000764	2.32	272.56	48.85	0.31
GR	1.8	Max WS	TR200_D350	607.44	49.85	56.99		57.26	0.000769	2.29	265.11	48.70	0.31
GR	1.8	Max WS	TR200_D400	619.89	49.85	57.08		57.35	0.000766	2.30	269.09	48.81	0.31
GR	1.8	Max WS	TR200_D500	639.68	49.85	57.20		57.47	0.000763	2.33	275.05	48.85	0.31
GR	1.8	Max WS	TR200_D550	645.60	49.85	57.23		57.51	0.000763	2.33	276.76	48.85	0.31
GR	1.8	Max WS	TR200_D600	649.39	49.85	57.25		57.53	0.000762	2.34	277.86	48.85	0.31
GR	1.8	Max WS	TR200_D650	651.62	49.85	57.27		57.55	0.000763	2.34	278.47	48.85	0.31
GR	1.8	Max WS	TR200_D700	652.42	49.85	57.27		57.55	0.000763	2.34	278.70	48.85	0.31
GR	1.7704*	Max WS	TR200_D450	632.16	49.82	57.13		57.42	0.000788	2.36	267.78	46.77	0.32
GR	1.7704*	Max WS	TR200_D350	607.99	49.82	56.98		57.26	0.000791	2.33	260.69	46.76	0.32
GR	1.7704*	Max WS	TR200_D400	620.60	49.82	57.06		57.34	0.000789	2.35	264.47	46.76	0.32

HEC-RAS River: Greve Reach: GR 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
GR	1.7704*	Max WS	TR200_D500	640.65	49.82	57.18		57.47	0.000788	2.37	270.14	46.77	0.32
GR	1.7704*	Max WS	TR200_D550	646.64	49.82	57.22		57.51	0.000788	2.38	271.77	46.78	0.32
GR	1.7704*	Max WS	TR200_D600	650.50	49.82	57.24		57.53	0.000788	2.38	272.81	46.78	0.32
GR	1.7704*	Max WS	TR200_D650	652.80	49.82	57.25		57.54	0.000789	2.39	273.39	46.78	0.32
GR	1.7704*	Max WS	TR200_D700	653.64	49.82	57.26		57.55	0.000789	2.39	273.59	46.78	0.32
GR	1.7407*	Max WS	TR200_D450	632.24	49.79	57.12		57.41	0.000812	2.39	264.36	46.34	0.32
GR	1.7407*	Max WS	TR200_D350	608.02	49.79	56.97		57.26	0.000815	2.36	257.34	46.33	0.32
GR	1.7407*	Max WS	TR200_D400	620.65	49.79	57.05		57.34	0.000813	2.38	261.10	46.34	0.32
GR	1.7407*	Max WS	TR200_D500	640.75	49.79	57.17		57.47	0.000812	2.40	266.71	46.35	0.32
GR	1.7407*	Max WS	TR200_D550	646.77	49.79	57.21		57.50	0.000812	2.41	268.32	46.35	0.32
GR	1.7407*	Max WS	TR200_D600	650.64	49.79	57.23		57.53	0.000813	2.42	269.35	46.35	0.32
GR	1.7407*	Max WS	TR200_D650	652.93	49.79	57.24		57.54	0.000813	2.42	269.93	46.35	0.32
GR	1.7407*	Max WS	TR200_D700	653.78	49.79	57.25		57.55	0.000813	2.42	270.13	46.35	0.32
GR	1.7111*	Max WS	TR200_D450	633.67	49.76	57.10		57.41	0.000864	2.46	257.91	44.44	0.33
GR	1.7111*	Max WS	TR200_D350	609.06	49.76	56.95		57.25	0.000864	2.42	251.23	44.44	0.33
GR	1.7111*	Max WS	TR200_D400	621.91	49.76	57.03		57.34	0.000863	2.44	254.79	44.44	0.33
GR	1.7111*	Max WS	TR200_D500	642.27	49.76	57.16		57.47	0.000864	2.47	260.14	44.44	0.33
GR	1.7111*	Max WS	TR200_D550	648.33	49.76	57.19		57.50	0.000865	2.48	261.67	44.44	0.33
GR	1.7111*	Max WS	TR200_D600	652.24	49.76	57.21		57.53	0.000866	2.48	262.65	44.44	0.33
GR	1.7111*	Max WS	TR200_D650	654.54	49.76	57.22		57.54	0.000866	2.49	263.20	44.44	0.33
GR	1.7111*	Max WS	TR200_D700	655.41	49.76	57.23		57.54	0.000867	2.49	263.39	44.44	0.33
GR	1.6815*	Max WS	TR200_D450	635.79	49.73	57.09		57.41	0.000887	2.49	255.16	45.09	0.33
GR	1.6815*	Max WS	TR200_D350	610.43	49.73	56.94		57.25	0.000887	2.46	248.43	45.09	0.33
GR	1.6815*	Max WS	TR200_D400	623.73	49.73	57.02		57.33	0.000887	2.47	252.03	45.09	0.33
GR	1.6815*	Max WS	TR200_D500	644.54	49.73	57.14		57.46	0.000888	2.50	257.43	45.09	0.33
GR	1.6815*	Max WS	TR200_D550	650.66	49.73	57.18		57.50	0.000888	2.51	258.98	45.09	0.33
GR	1.6815*	Max WS	TR200_D600	654.59	49.73	57.20		57.52	0.000889	2.52	259.97	45.09	0.33
GR	1.6815*	Max WS	TR200_D650	656.92	49.73	57.21		57.54	0.000889	2.52	260.54	45.09	0.33
GR	1.6815*	Max WS	TR200_D700	657.79	49.73	57.22		57.54	0.000890	2.52	260.73	45.09	0.34
GR	1.6519*	Max WS	TR200_D450	637.11	49.69	57.08		57.40	0.000915	2.52	253.23	44.68	0.34
GR	1.6519*	Max WS	TR200_D350	611.28	49.69	56.93		57.25	0.000913	2.48	246.60	44.68	0.34
GR	1.6519*	Max WS	TR200_D400	624.86	49.69	57.01		57.33	0.000914	2.50	250.14	44.68	0.34
GR	1.6519*	Max WS	TR200_D500	645.98	49.69	57.13		57.46	0.000916	2.53	255.46	44.68	0.34
GR	1.6519*	Max WS	TR200_D550	652.16	49.69	57.17		57.49	0.000917	2.54	256.99	44.68	0.34
GR	1.6519*	Max WS	TR200_D600	656.12	49.69	57.19		57.52	0.000917	2.54	257.97	44.68	0.34
GR	1.6519*	Max WS	TR200_D650	658.46	49.69	57.20		57.53	0.000918	2.55	258.53	44.68	0.34
GR	1.6519*	Max WS	TR200_D700	659.30	49.69	57.20		57.54	0.000918	2.55	258.72	44.68	0.34
GR	1.6222*	Max WS	TR200_D450	637.58	49.66	57.07		57.40	0.000946	2.55	249.85	44.26	0.34
GR	1.6222*	Max WS	TR200_D350	611.52	49.66	56.92		57.24	0.000944	2.51	243.29	44.26	0.34
GR	1.6222*	Max WS	TR200_D400	625.23	49.66	57.00		57.33	0.000945	2.53	246.78	44.26	0.34
GR	1.6222*	Max WS	TR200_D500	646.52	49.66	57.12		57.46	0.000948	2.57	252.04	44.26	0.34
GR	1.6222*	Max WS	TR200_D550	652.73	49.66	57.15		57.49	0.000949	2.57	253.56	44.26	0.34
GR	1.6222*	Max WS	TR200_D600	656.71	49.66	57.18		57.52	0.000949	2.58	254.53	44.26	0.34
GR	1.6222*	Max WS	TR200_D650	659.07	49.66	57.19		57.53	0.000950	2.58	255.07	44.26	0.34
GR	1.6222*	Max WS	TR200_D700	659.94	49.66	57.19		57.53	0.000950	2.59	255.26	44.26	0.34
GR	1.5926*	Max WS	TR200_D450	638.11	49.63	57.06		57.40	0.000976	2.59	246.80	44.06	0.35
GR	1.5926*	Max WS	TR200_D350	611.81	49.63	56.91		57.24	0.000973	2.55	240.29	44.06	0.35
GR	1.5926*	Max WS	TR200_D400	625.65	49.63	56.99		57.33	0.000974	2.57	243.76	44.06	0.35
GR	1.5926*	Max WS	TR200_D500	647.12	49.63	57.11		57.45	0.000977	2.60	248.97	44.06	0.35
GR	1.5926*	Max WS	TR200_D550	653.37	49.63	57.14		57.49	0.000978	2.61	250.49	44.06	0.35
GR	1.5926*	Max WS	TR200_D600	657.38	49.63	57.16		57.51	0.000979	2.61	251.44	44.06	0.35
GR	1.5926*	Max WS	TR200_D650	659.74	49.63	57.18		57.53	0.000979	2.62	251.99	44.06	0.35
GR	1.5926*	Max WS	TR200_D700	660.61	49.63	57.18		57.53	0.000980	2.62	252.17	44.06	0.35
GR	1.5630*	Max WS	TR200_D450	638.61	49.60	57.05		57.40	0.001006	2.62	243.80	43.88	0.35
GR	1.5630*	Max WS	TR200_D350	612.10	49.60	56.90		57.24	0.001002	2.58	237.35	43.88	0.35
GR	1.5630*	Max WS	TR200_D400	626.05	49.60	56.98		57.32	0.001004	2.60	240.79	43.88	0.35
GR	1.5630*	Max WS	TR200_D500	647.68	49.60	57.10		57.45	0.001007	2.63	245.96	43.88	0.36
GR	1.5630*	Max WS	TR200_D550	653.97	49.60	57.13		57.49	0.001008	2.64	247.46	43.88	0.36
GR	1.5630*	Max WS	TR200_D600	658.00	49.60	57.15		57.51	0.001009	2.65	248.41	43.88	0.36
GR	1.5630*	Max WS	TR200_D650	660.38	49.60	57.16		57.52	0.001009	2.65	248.96	43.88	0.36
GR	1.5630*	Max WS	TR200_D700	661.24	49.60	57.17		57.53	0.001010	2.65	249.13	43.88	0.36
GR	1.5333*	Max WS	TR200_D450	639.06	49.57	57.03		57.39	0.001042	2.66	240.41	43.46	0.36
GR	1.5333*	Max WS	TR200_D350	612.35	49.57	56.89		57.24	0.001038	2.62	234.05	43.46	0.36
GR	1.5333*	Max WS	TR200_D400	626.41	49.57	56.96		57.32	0.001039	2.64	237.44	43.46	0.36
GR	1.5333*	Max WS	TR200_D500	648.19	49.57	57.08		57.45	0.001043	2.67	242.56	43.46	0.36
GR	1.5333*	Max WS	TR200_D550	654.53	49.57	57.12		57.48	0.001045	2.68	244.03	43.46	0.36
GR	1.5333*	Max WS	TR200_D600	658.58	49.57	57.14		57.51	0.001045	2.69	244.97	43.46	0.36
GR	1.5333*	Max WS	TR200_D650	660.97	49.57	57.15		57.52	0.001046	2.69	245.51	43.46	0.36
GR	1.5333*	Max WS	TR200_D700	661.85	49.57	57.15		57.52	0.001046	2.69	245.68	43.46	0.36
GR	1.5037*	Max WS	TR200_D450	639.40	49.54	57.02		57.39	0.001079	2.70	237.04	43.05	0.37
GR	1.5037*	Max WS	TR200_D350	612.52	49.54	56.87		57.23	0.001075	2.65	230.76	43.05	0.37
GR	1.5037*	Max WS	TR200_D400	626.67	49.54	56.95		57.32	0.001077	2.68	234.10	43.05	0.37
GR	1.5037*	Max WS	TR200_D500	648.60	49.54	57.07		57.44	0.001081	2.71	239.15	43.05	0.37
GR	1.5037*	Max WS	TR200_D550	654.96	49.54	57.10		57.48	0.001082	2.72	240.61	43.05	0.37
GR	1.5037*	Max WS	TR200_D600	659.04	49.54	57.12		57.50	0.001083	2.73	241.54	43.05	0.37
GR	1.5037*	Max WS	TR200_D650	661.45	49.54	57.14		57.52	0.001084	2.73	242.07	43.05	0.37
GR	1.5037*	Max WS	TR200_D700	662.33	49.54	57.14		57.52	0.001084	2.73	242.25	43.05	0.37
GR	1.4741*	Max WS	TR200_D450	639.64	49.51	57.01		57.39	0.001118	2.74	233.67	42.63	0.37
GR	1.4741*	Max WS	TR200_D350	612.61	49.51	56.86		57.23	0.001113	2.69	227.45	42.63	0.37
GR	1.4741*	Max WS	TR200_D400	626.84	49.51	56.94		57.31	0.001115	2.72	230.77	42.63	0.37
GR	1.4741*	Max WS	TR200_D500	648.89	49.51	57.06		57.44	0.001120	2.75	235.74	42.63	0.37
GR	1.4741*	Max WS	TR200_D550	655.29	49.51	57.09		57.48	0.001122	2.76	237.19	42.63	0.37
GR	1.4741*	Max WS	TR200_D600	659.39	49.51	57.11		57.50	0.001123	2.77	238.11	42.63	0.37
GR	1.4741*	Max WS	TR200_D650	661.81	49.51	57.12		57.52	0.001123	2.77	238.63	42.63	0.37
GR	1.4741*	Max WS	TR200_D700	662.68	49.51	57.13		57.52	0.001124	2.78	238.80	42.63	0.37
GR	1.4444*	Max WS	TR200_D450	639.86	49.48	56.99		57.39	0.001164	2.78	229.94	41.98	0.38
GR	1.4444*	Max WS	TR200_D350	612.69	49.48	56.85		57.23	0.001158	2.74	223.85	41.98	0.38

HEC-RAS River: Greve Reach: GR 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
GR	1.4444*	Max WS	TR200_D400	626.99	49.48	56.92		57.31	0.001160	2.76	227.10	41.98	0.38
GR	1.4444*	Max WS	TR200_D500	649.16	49.48	57.04		57.44	0.001166	2.80	231.98	41.98	0.38
GR	1.4444*	Max WS	TR200_D600	655.59	49.48	57.07		57.48	0.001168	2.81	233.39	41.98	0.38
GR	1.4444*	Max WS	TR200_D700	659.71	49.48	57.10		57.50	0.001169	2.82	234.29	41.98	0.38
GR	1.4444*	Max WS	TR200_D400	662.14	49.48	57.11		57.51	0.001170	2.82	234.80	41.98	0.38
GR	1.4444*	Max WS	TR200_D500	663.00	49.48	57.11		57.52	0.001170	2.82	234.98	41.98	0.38
GR	1.4148*	Max WS	TR200_D450	640.00	49.45	56.98		57.38	0.001206	2.82	226.62	41.56	0.39
GR	1.4148*	Max WS	TR200_D350	612.72	49.45	56.83		57.23	0.001199	2.78	220.61	41.56	0.38
GR	1.4148*	Max WS	TR200_D400	627.07	49.45	56.91		57.31	0.001203	2.80	223.82	41.56	0.39
GR	1.4148*	Max WS	TR200_D500	649.34	49.45	57.03		57.44	0.001209	2.84	228.63	41.56	0.39
GR	1.4148*	Max WS	TR200_D600	655.79	49.45	57.06		57.47	0.001211	2.85	230.03	41.56	0.39
GR	1.4148*	Max WS	TR200_D700	659.93	49.45	57.08		57.50	0.001212	2.86	230.91	41.56	0.39
GR	1.4148*	Max WS	TR200_D450	662.36	49.45	57.09		57.51	0.001213	2.86	231.42	41.56	0.39
GR	1.4148*	Max WS	TR200_D350	663.24	49.45	57.10		57.52	0.001213	2.86	231.60	41.56	0.39
GR	1.3852*	Max WS	TR200_D450	639.93	49.41	56.96		57.38	0.001250	2.87	223.33	41.14	0.39
GR	1.3852*	Max WS	TR200_D350	612.69	49.41	56.82		57.22	0.001243	2.82	217.38	41.14	0.39
GR	1.3852*	Max WS	TR200_D400	627.02	49.41	56.90		57.31	0.001246	2.84	220.55	41.14	0.39
GR	1.3852*	Max WS	TR200_D500	649.28	49.41	57.01		57.44	0.001253	2.88	225.32	41.14	0.39
GR	1.3852*	Max WS	TR200_D600	655.74	49.41	57.05		57.47	0.001254	2.89	226.70	41.14	0.39
GR	1.3852*	Max WS	TR200_D700	659.88	49.41	57.07		57.50	0.001256	2.90	227.58	41.14	0.39
GR	1.3852*	Max WS	TR200_D450	662.32	49.41	57.08		57.51	0.001257	2.90	228.08	41.14	0.39
GR	1.3852*	Max WS	TR200_D350	663.20	49.41	57.08		57.51	0.001257	2.91	228.24	41.14	0.39
GR	1.3556*	Max WS	TR200_D450	639.81	49.38	56.93		57.39	0.001354	3.02	212.15	36.90	0.40
GR	1.3556*	Max WS	TR200_D350	612.62	49.38	56.79		57.23	0.001338	2.96	206.89	36.90	0.40
GR	1.3556*	Max WS	TR200_D400	626.94	49.38	56.86		57.32	0.001346	2.99	209.70	36.90	0.40
GR	1.3556*	Max WS	TR200_D500	649.15	49.38	56.98		57.45	0.001359	3.03	213.91	36.90	0.40
GR	1.3556*	Max WS	TR200_D600	655.61	49.38	57.01		57.48	0.001363	3.05	215.13	36.90	0.40
GR	1.3556*	Max WS	TR200_D700	659.74	49.38	57.03		57.51	0.001366	3.06	215.92	36.90	0.40
GR	1.3556*	Max WS	TR200_D450	662.19	49.38	57.04		57.52	0.001368	3.06	216.36	36.90	0.40
GR	1.3556*	Max WS	TR200_D350	663.05	49.38	57.05		57.52	0.001368	3.06	216.50	36.90	0.40
GR	1.3259*	Max WS	TR200_D450	639.54	49.35	56.92		57.39	0.001390	3.02	211.85	38.02	0.41
GR	1.3259*	Max WS	TR200_D350	612.47	49.35	56.78		57.23	0.001378	2.97	206.40	38.02	0.41
GR	1.3259*	Max WS	TR200_D400	626.73	49.35	56.85		57.31	0.001384	2.99	209.30	38.02	0.41
GR	1.3259*	Max WS	TR200_D500	648.83	49.35	56.97		57.44	0.001394	3.04	213.68	38.02	0.41
GR	1.3259*	Max WS	TR200_D600	655.26	49.35	57.00		57.48	0.001397	3.05	214.93	38.02	0.41
GR	1.3259*	Max WS	TR200_D700	659.39	49.35	57.02		57.50	0.001399	3.06	215.74	38.02	0.41
GR	1.3259*	Max WS	TR200_D450	661.83	49.35	57.04		57.51	0.001400	3.06	216.19	38.02	0.41
GR	1.3259*	Max WS	TR200_D350	662.71	49.35	57.04		57.52	0.001401	3.06	216.35	38.02	0.41
GR	1.2963*	Max WS	TR200_D450	639.38	49.32	56.91		57.38	0.001425	3.06	208.91	37.52	0.41
GR	1.2963*	Max WS	TR200_D350	612.54	49.32	56.76		57.22	0.001414	3.01	203.54	37.52	0.41
GR	1.2963*	Max WS	TR200_D400	626.63	49.32	56.84		57.31	0.001419	3.04	206.41	37.52	0.41
GR	1.2963*	Max WS	TR200_D500	648.62	49.32	56.95		57.44	0.001429	3.08	210.72	37.52	0.41
GR	1.2963*	Max WS	TR200_D600	655.03	49.32	56.99		57.47	0.001432	3.09	211.97	37.52	0.42
GR	1.2963*	Max WS	TR200_D700	659.15	49.32	57.01		57.50	0.001434	3.10	212.75	37.52	0.42
GR	1.2963*	Max WS	TR200_D450	661.58	49.32	57.02		57.51	0.001436	3.10	213.21	37.52	0.42
GR	1.2963*	Max WS	TR200_D350	662.46	49.32	57.03		57.52	0.001437	3.10	213.36	37.52	0.42
GR	1.2667*	Max WS	TR200_D450	639.24	49.29	56.89		57.38	0.001472	3.10	206.15	37.36	0.42
GR	1.2667*	Max WS	TR200_D350	612.49	49.29	56.75		57.22	0.001463	3.05	200.80	37.36	0.42
GR	1.2667*	Max WS	TR200_D400	626.54	49.29	56.83		57.31	0.001467	3.08	203.66	37.36	0.42
GR	1.2667*	Max WS	TR200_D500	648.46	49.29	56.94		57.44	0.001476	3.12	207.95	37.36	0.42
GR	1.2667*	Max WS	TR200_D600	654.86	49.29	56.97		57.47	0.001479	3.13	209.19	37.36	0.42
GR	1.2667*	Max WS	TR200_D700	658.98	49.29	56.99		57.50	0.001481	3.14	209.98	37.36	0.42
GR	1.2667*	Max WS	TR200_D450	661.40	49.29	57.01		57.51	0.001483	3.14	210.42	37.36	0.42
GR	1.2667*	Max WS	TR200_D350	662.27	49.29	57.01		57.51	0.001483	3.14	210.58	37.36	0.42
GR	1.2370*	Max WS	TR200_D450	639.13	49.26	56.89		57.37	0.001504	3.09	207.16	39.28	0.43
GR	1.2370*	Max WS	TR200_D350	612.43	49.26	56.74		57.21	0.001501	3.04	201.52	39.28	0.43
GR	1.2370*	Max WS	TR200_D400	626.44	49.26	56.82		57.30	0.001501	3.06	204.52	39.28	0.43
GR	1.2370*	Max WS	TR200_D500	648.33	49.26	56.93		57.42	0.001505	3.10	209.05	39.28	0.43
GR	1.2370*	Max WS	TR200_D600	654.73	49.26	56.97		57.46	0.001507	3.11	210.35	39.28	0.43
GR	1.2370*	Max WS	TR200_D700	658.84	49.26	56.99		57.48	0.001508	3.12	211.18	39.28	0.43
GR	1.2370*	Max WS	TR200_D450	661.26	49.26	57.00		57.50	0.001509	3.12	211.65	39.28	0.43
GR	1.2370*	Max WS	TR200_D350	662.14	49.26	57.00		57.50	0.001509	3.13	211.81	39.28	0.43
GR	1.2074*	Max WS	TR200_D450	639.06	49.23	56.87		57.37	0.001578	3.11	205.38	40.30	0.44
GR	1.2074*	Max WS	TR200_D350	612.39	49.23	56.73		57.21	0.001581	3.07	199.57	40.30	0.44
GR	1.2074*	Max WS	TR200_D400	626.39	49.23	56.81		57.29	0.001578	3.09	202.68	40.30	0.44
GR	1.2074*	Max WS	TR200_D500	648.26	49.23	56.92		57.42	0.001578	3.13	207.33	40.30	0.44
GR	1.2074*	Max WS	TR200_D600	654.65	49.23	56.96		57.46	0.001578	3.14	208.68	40.30	0.44
GR	1.2074*	Max WS	TR200_D700	658.76	49.23	56.98		57.48	0.001578	3.14	209.52	40.30	0.44
GR	1.2074*	Max WS	TR200_D450	661.18	49.23	56.99		57.49	0.001579	3.15	210.02	40.30	0.44
GR	1.2074*	Max WS	TR200_D350	662.05	49.23	56.99		57.50	0.001579	3.15	210.18	40.30	0.44
GR	1.1778*	Max WS	TR200_D450	638.75	49.20	56.86		57.37	0.001642	3.16	202.15	39.88	0.45
GR	1.1778*	Max WS	TR200_D350	612.12	49.20	56.71		57.21	0.001646	3.12	196.40	39.88	0.45
GR	1.1778*	Max WS	TR200_D400	626.10	49.20	56.79		57.29	0.001643	3.14	199.47	39.88	0.45
GR	1.1778*	Max WS	TR200_D500	647.94	49.20	56.91		57.42	0.001642	3.18	204.07	39.88	0.45
GR	1.1778*	Max WS	TR200_D600	654.33	49.20	56.94		57.46	0.001642	3.19	205.40	39.88	0.45
GR	1.1778*	Max WS	TR200_D700	658.42	49.20	56.96		57.48	0.001642	3.19	206.24	39.88	0.45
GR	1.1778*	Max WS	TR200_D450	660.84	49.20	56.97		57.49	0.001643	3.20	206.72	39.88	0.45
GR	1.1778*	Max WS	TR200_D350	661.72	49.20	56.98		57.50	0.001643	3.20	206.88	39.88	0.45
GR	1.1481*	Max WS	TR200_D450	638.50	49.17	56.84		57.37	0.001711	3.21	198.97	39.45	0.46
GR	1.1481*	Max WS	TR200_D350	611.91	49.17	56.70		57.21	0.001716	3.17	193.30	39.45	0.46
GR	1.1481*	Max WS	TR200_D400	625.87	49.17	56.77		57.29	0.001712	3.19	196.33	39.45	0.46
GR	1.1481*	Max WS	TR200_D500	647.68	49.17	56.89		57.42	0.001710	3.22	200.87	39.45	0.46
GR	1.1481*	Max WS	TR200_D600	654.05	49.17	56.92		57.46	0.001710	3.23	202.18	39.45	0.46
GR	1.1481*	Max WS	TR200_D700	658.16	49.17	56.94		57.48	0.001710	3.24	203.02	39.45	0.46
GR	1.1481*	Max WS	TR200_D450	660.57	49.17	56.96		57.49	0.001711	3.25	203.49	39.45	0.46
GR	1.1481*	Max WS	TR200_D350	661.44	49.17	56.96		57.50	0.001711	3.25	203.65	39.45	0.46
GR	1.1185*	Max WS	TR200_D450	638.04	49.13	56.82		57.37	0.001782	3.26	195.77	39.02	0.46

HEC-RAS River: Greve Reach: GR 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
GR	1.1185*	Max WS	TR200_D350	611.57	49.13	56.68		57.21	0.001789	3.22	190.14	39.02	0.47
GR	1.1185*	Max WS	TR200_D400	625.49	49.13	56.76		57.29	0.001784	3.24	193.15	39.02	0.46
GR	1.1185*	Max WS	TR200_D500	647.15	49.13	56.87		57.42	0.001781	3.27	197.65	39.02	0.46
GR	1.1185*	Max WS	TR200_D550	653.48	49.13	56.91		57.46	0.001781	3.28	198.94	39.02	0.46
GR	1.1185*	Max WS	TR200_D600	657.55	49.13	56.93		57.48	0.001780	3.29	199.77	39.02	0.46
GR	1.1185*	Max WS	TR200_D650	659.94	49.13	56.94		57.49	0.001781	3.30	200.24	39.02	0.46
GR	1.1185*	Max WS	TR200_D700	660.80	49.13	56.94		57.50	0.001781	3.30	200.40	39.02	0.46
GR	1.0889*	Max WS	TR200_D450	637.63	49.10	56.81		57.37	0.001858	3.31	192.63	38.59	0.47
GR	1.0889*	Max WS	TR200_D350	611.19	49.10	56.66		57.21	0.001866	3.27	187.08	38.59	0.47
GR	1.0889*	Max WS	TR200_D400	625.17	49.10	56.74		57.29	0.001862	3.29	190.03	38.59	0.47
GR	1.0889*	Max WS	TR200_D500	646.63	49.10	56.86		57.42	0.001857	3.32	194.49	38.59	0.47
GR	1.0889*	Max WS	TR200_D550	652.87	49.10	56.89		57.46	0.001855	3.33	195.78	38.59	0.47
GR	1.0889*	Max WS	TR200_D600	656.90	49.10	56.91		57.48	0.001854	3.34	196.60	38.59	0.47
GR	1.0889*	Max WS	TR200_D650	659.27	49.10	56.92		57.49	0.001855	3.35	197.06	38.59	0.47
GR	1.0889*	Max WS	TR200_D700	660.12	49.10	56.93		57.50	0.001855	3.35	197.22	38.59	0.47
GR	1.0593*	Max WS	TR200_D450	637.58	49.07	56.79		57.37	0.001966	3.36	190.04	38.94	0.48
GR	1.0593*	Max WS	TR200_D350	611.23	49.07	56.65		57.21	0.001979	3.31	184.42	38.94	0.49
GR	1.0593*	Max WS	TR200_D400	625.23	49.07	56.72		57.29	0.001972	3.34	187.42	38.94	0.49
GR	1.0593*	Max WS	TR200_D500	646.52	49.07	56.84		57.42	0.001962	3.37	191.93	38.94	0.48
GR	1.0593*	Max WS	TR200_D550	652.71	49.07	56.87		57.46	0.001958	3.38	193.23	38.94	0.48
GR	1.0593*	Max WS	TR200_D600	656.67	49.07	56.90		57.48	0.001957	3.38	194.06	38.94	0.48
GR	1.0593*	Max WS	TR200_D650	658.95	49.07	56.91		57.49	0.001956	3.39	194.54	38.94	0.48
GR	1.0593*	Max WS	TR200_D700	659.75	49.07	56.91		57.50	0.001955	3.39	194.70	38.94	0.48
GR	1	Max WS	TR200_D450	638.97	49.01	56.75	54.55	57.37	0.002164	3.48	183.86	38.08	0.51
GR	1	Max WS	TR200_D350	612.33	49.01	56.61	54.43	57.21	0.002178	3.43	178.39	38.08	0.51
GR	1	Max WS	TR200_D400	626.57	49.01	56.69	54.50	57.30	0.002171	3.46	181.29	38.08	0.51
GR	1	Max WS	TR200_D500	647.90	49.01	56.80	54.59	57.42	0.002158	3.49	185.70	38.08	0.50
GR	1	Max WS	TR200_D550	654.07	49.01	56.84	54.62	57.46	0.002155	3.50	186.97	38.08	0.50
GR	1	Max WS	TR200_D600	658.01	49.01	56.86	54.62	57.48	0.002152	3.50	187.78	38.08	0.50
GR	1	Max WS	TR200_D650	660.27	49.01	56.87	54.63	57.50	0.002151	3.51	188.24	38.08	0.50
GR	1	Max WS	TR200_D700	661.03	49.01	56.87	54.64	57.50	0.002150	3.51	188.41	38.08	0.50