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COMUNE DI POSADA

Provincia di Nuoro



Studio idrologico e idraulico di dettaglio finalizzato
all'individuazione di aree a pericolosità idrauliche non
individuate nell'ambito dell'adeguamento del PUC al PAI
VARIANTE AL PAI

Allegati Hec - Ras
Aste in variante

ALLEGATO

B

Tecnici incaricati:

Dott. Ing. Arianna Melis

Dott. Ing. Carla Maria Antonia Attene

Committente: Comune di POSADA

Data: Luglio 2016

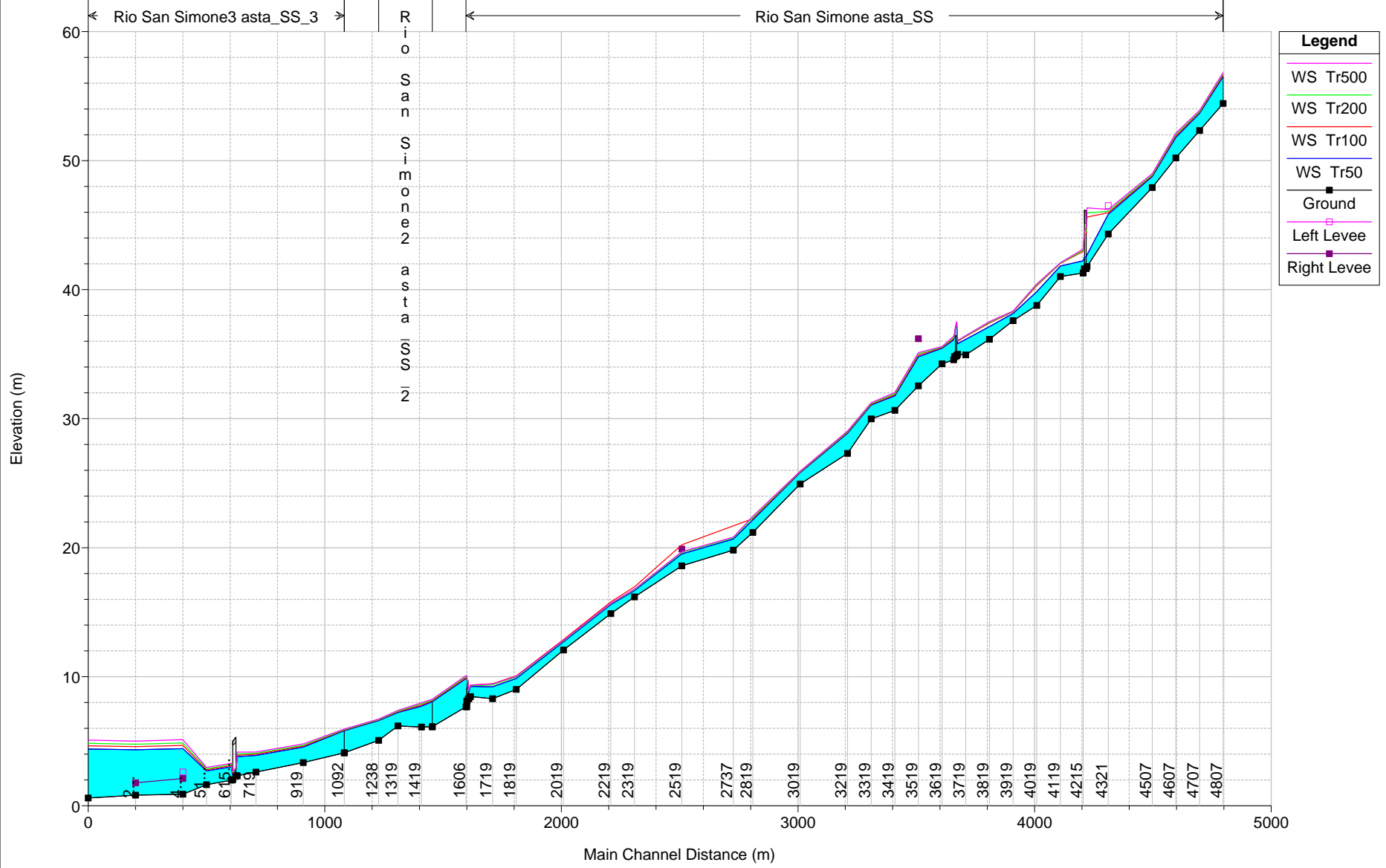
SUB BACINO 05 POSADA CEDRINO

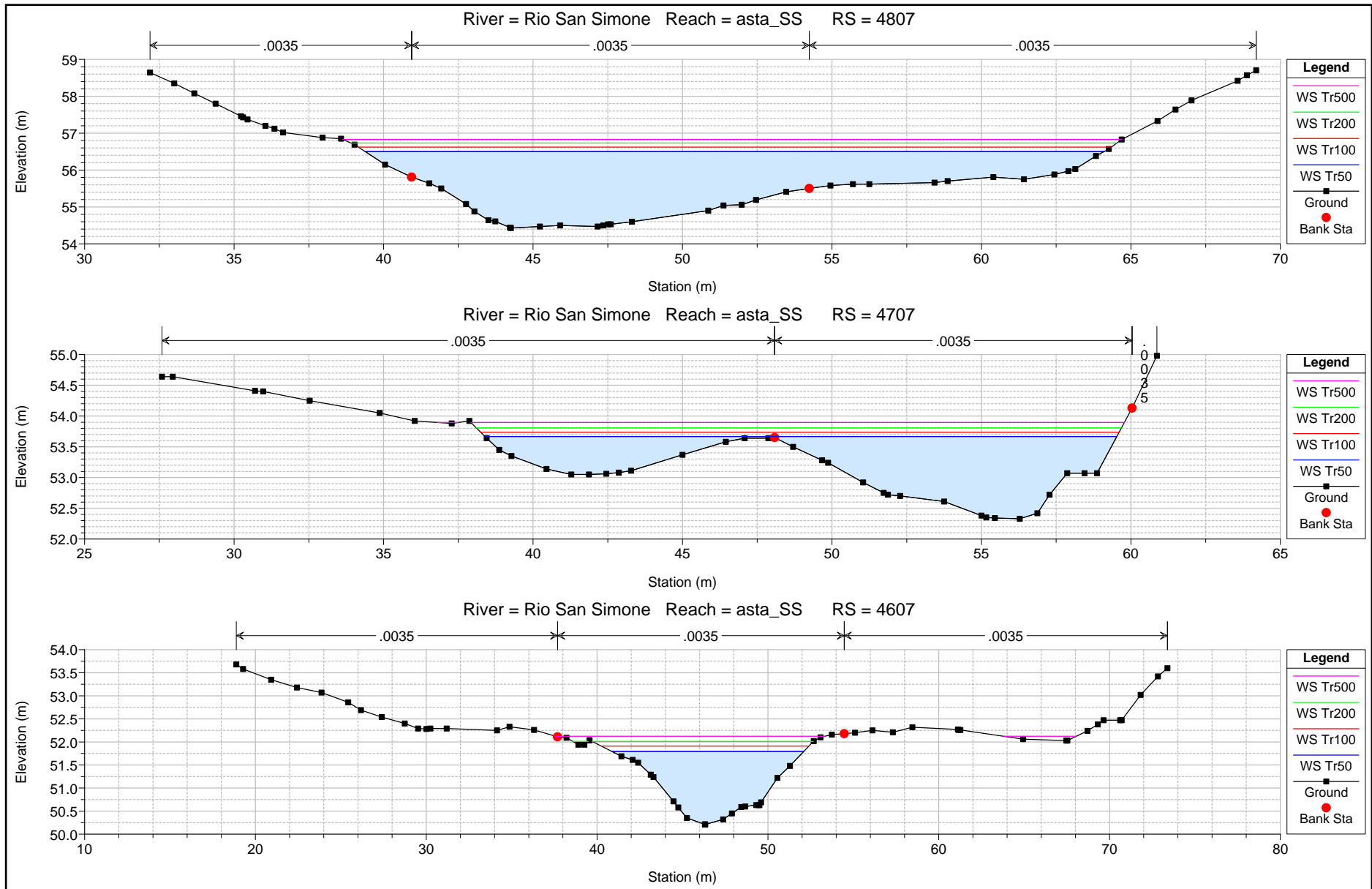
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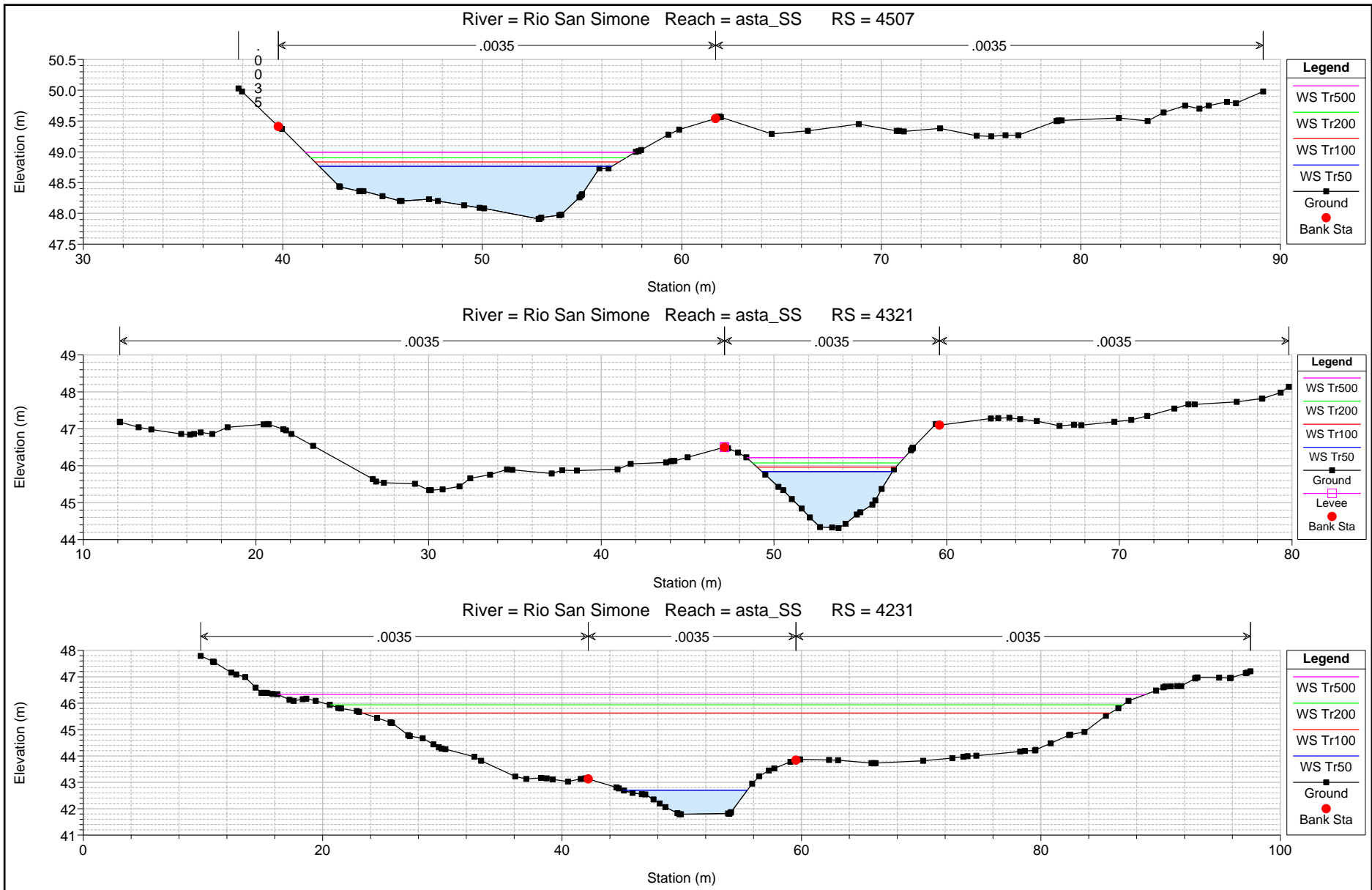
1. Riu San Simone

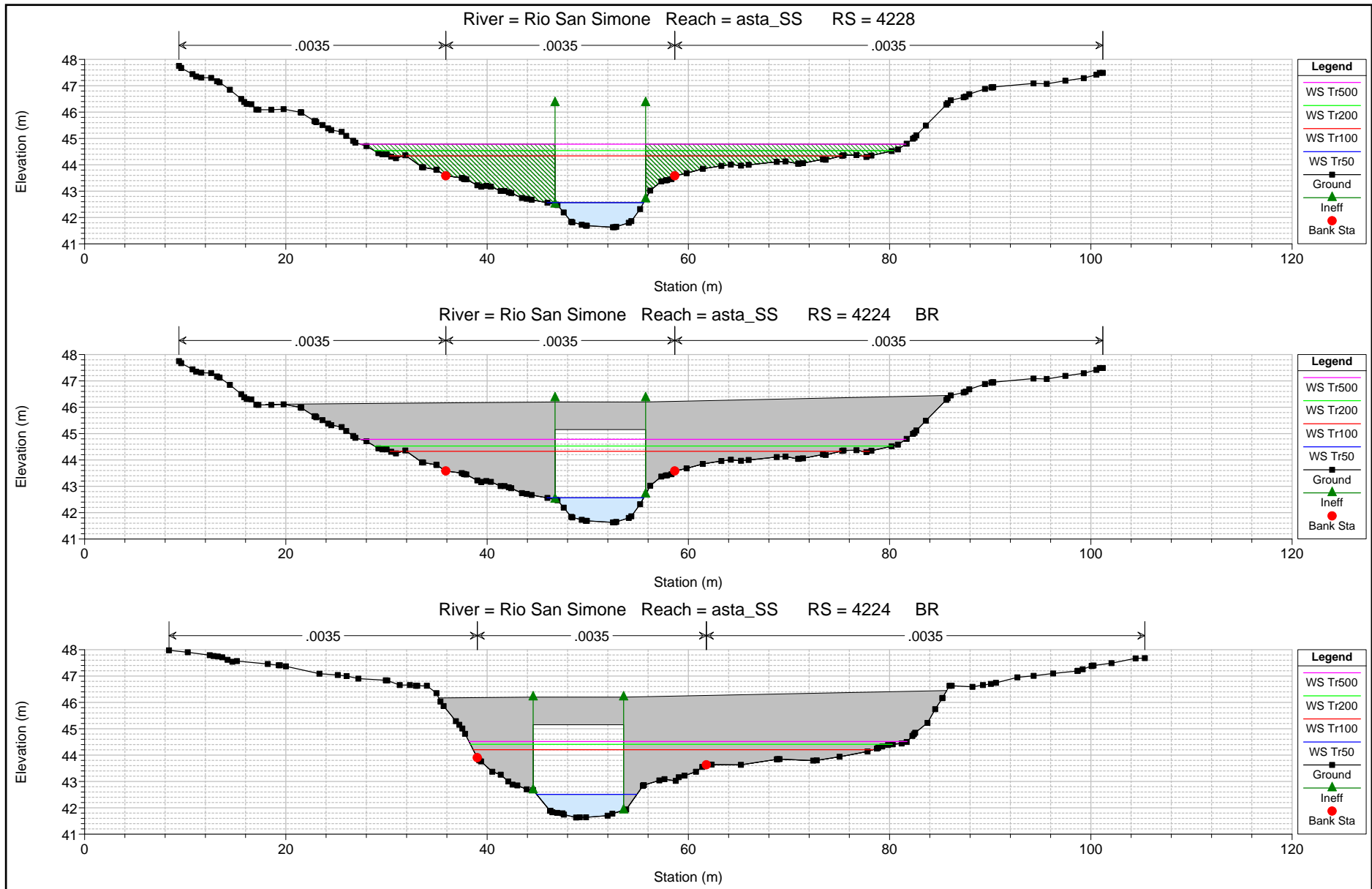
- Profilo
 - Sezioni
 - Tabelle dati
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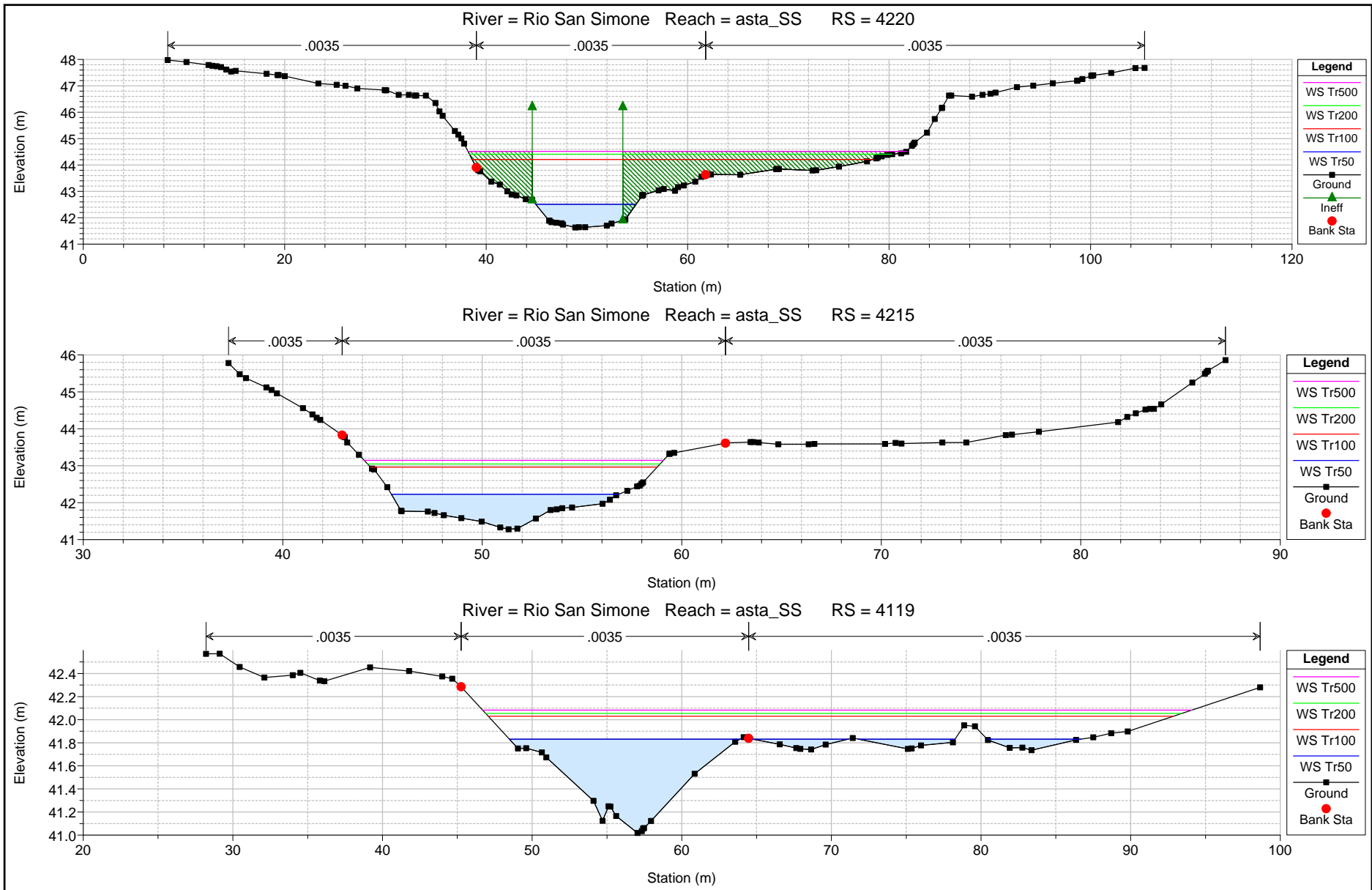
Riu San Simone

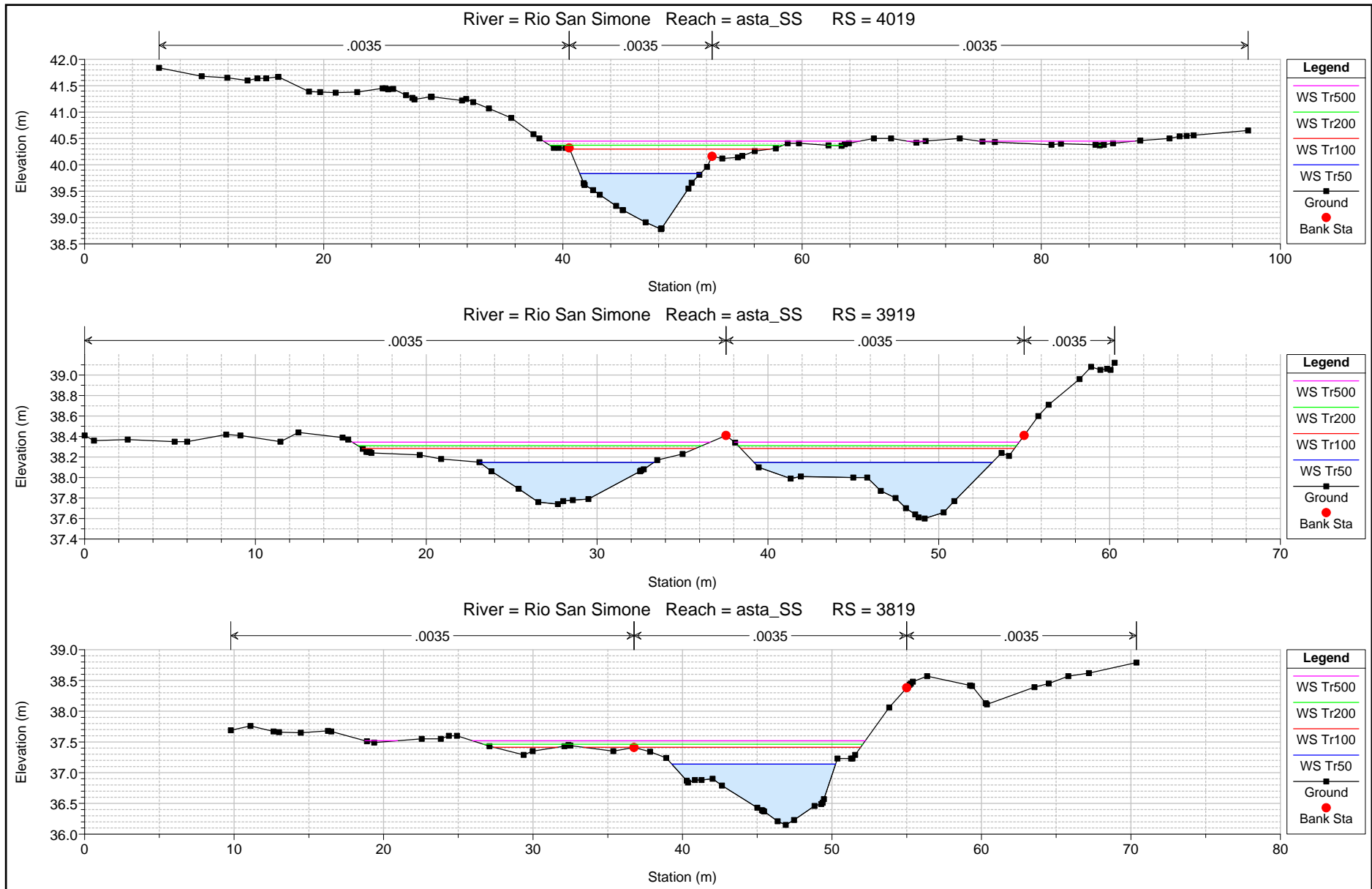


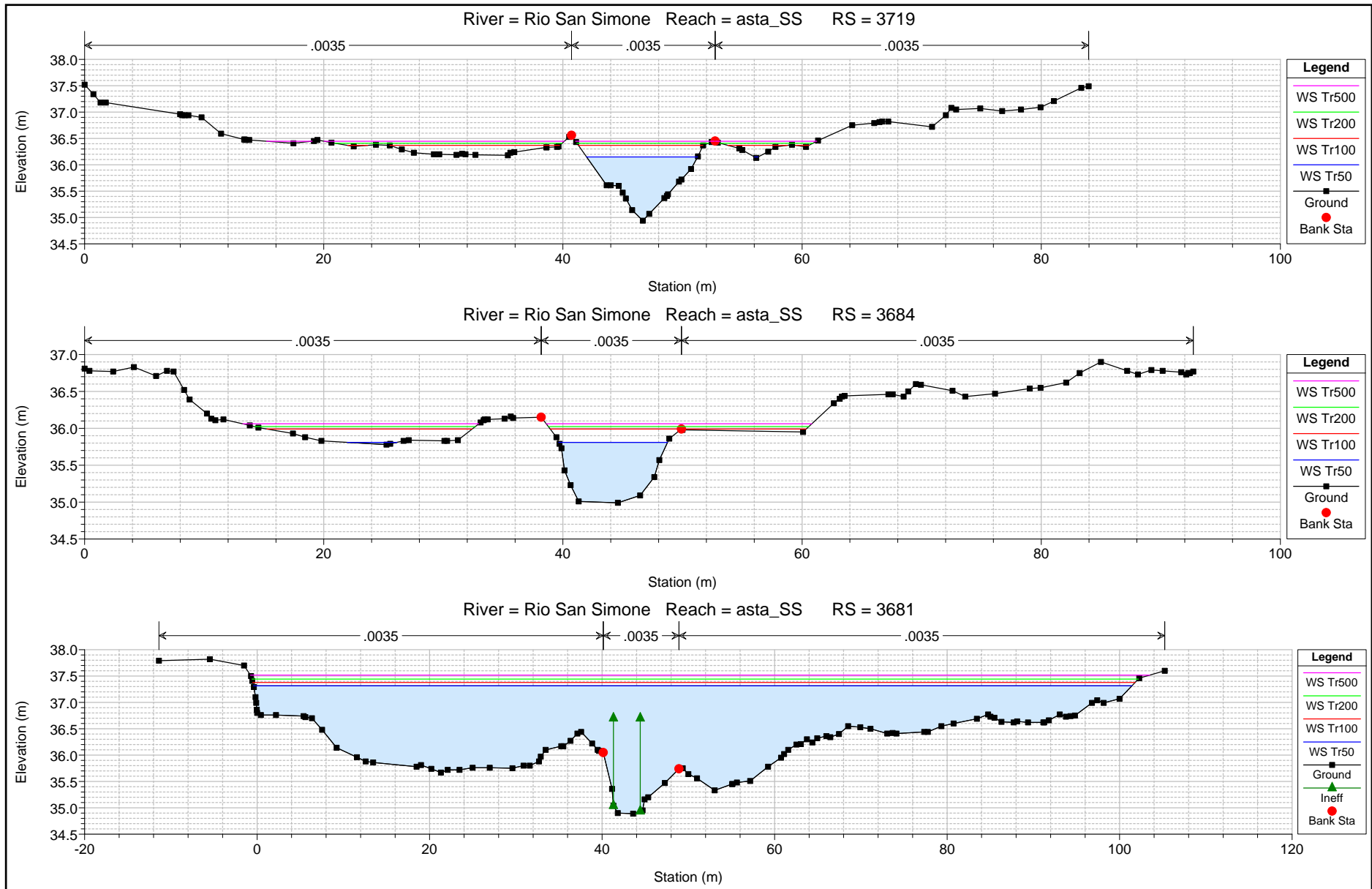


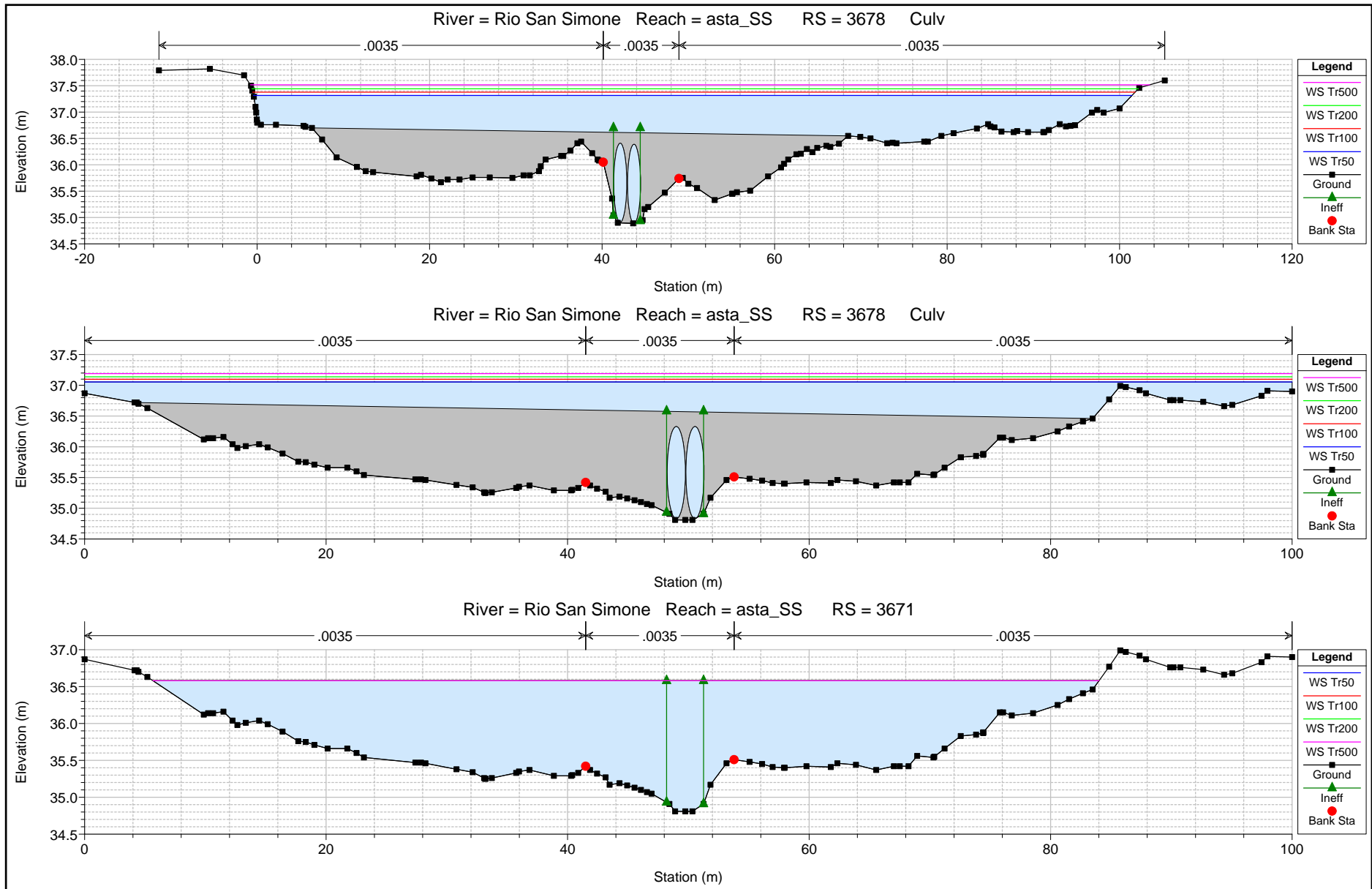


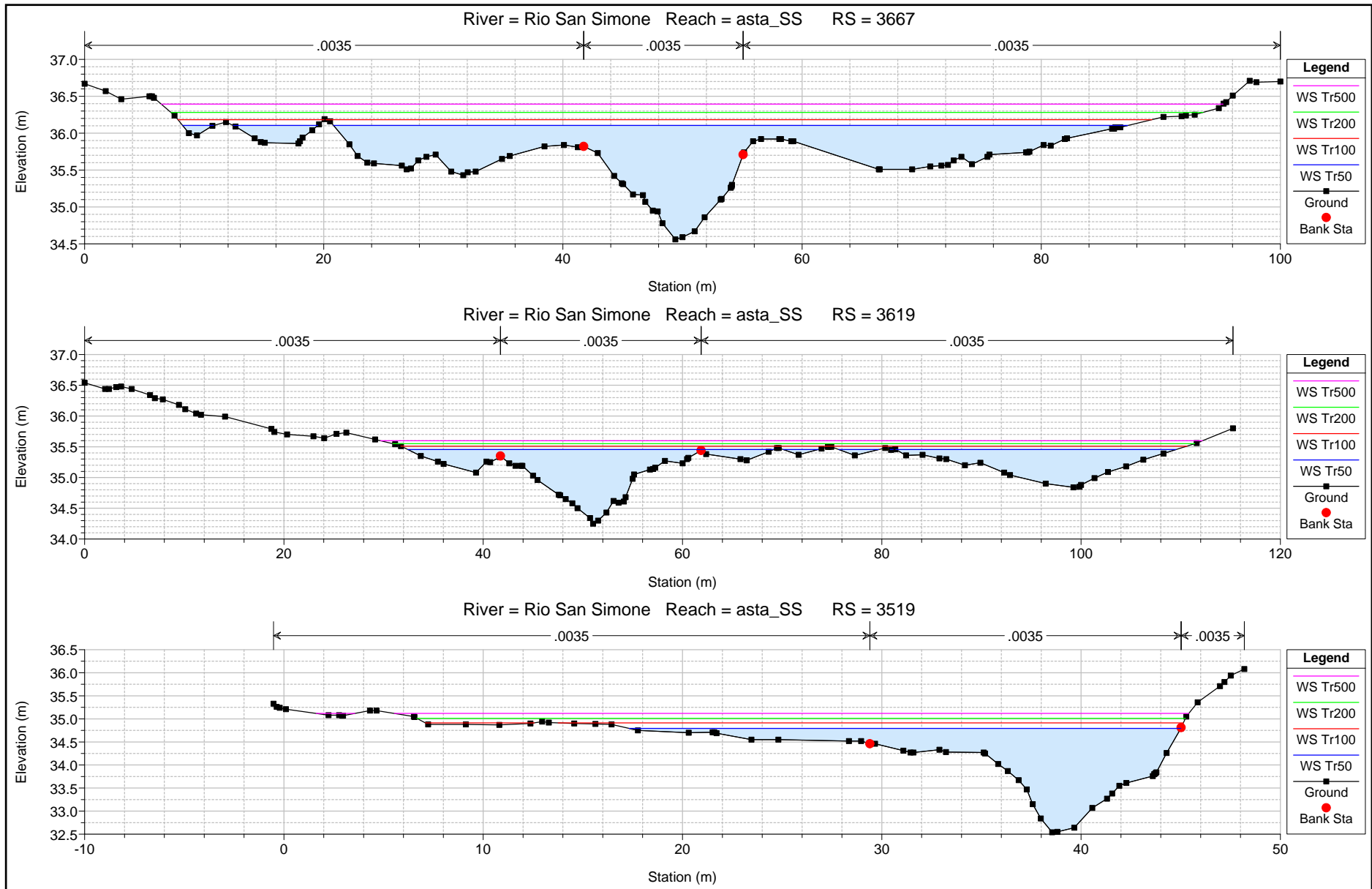


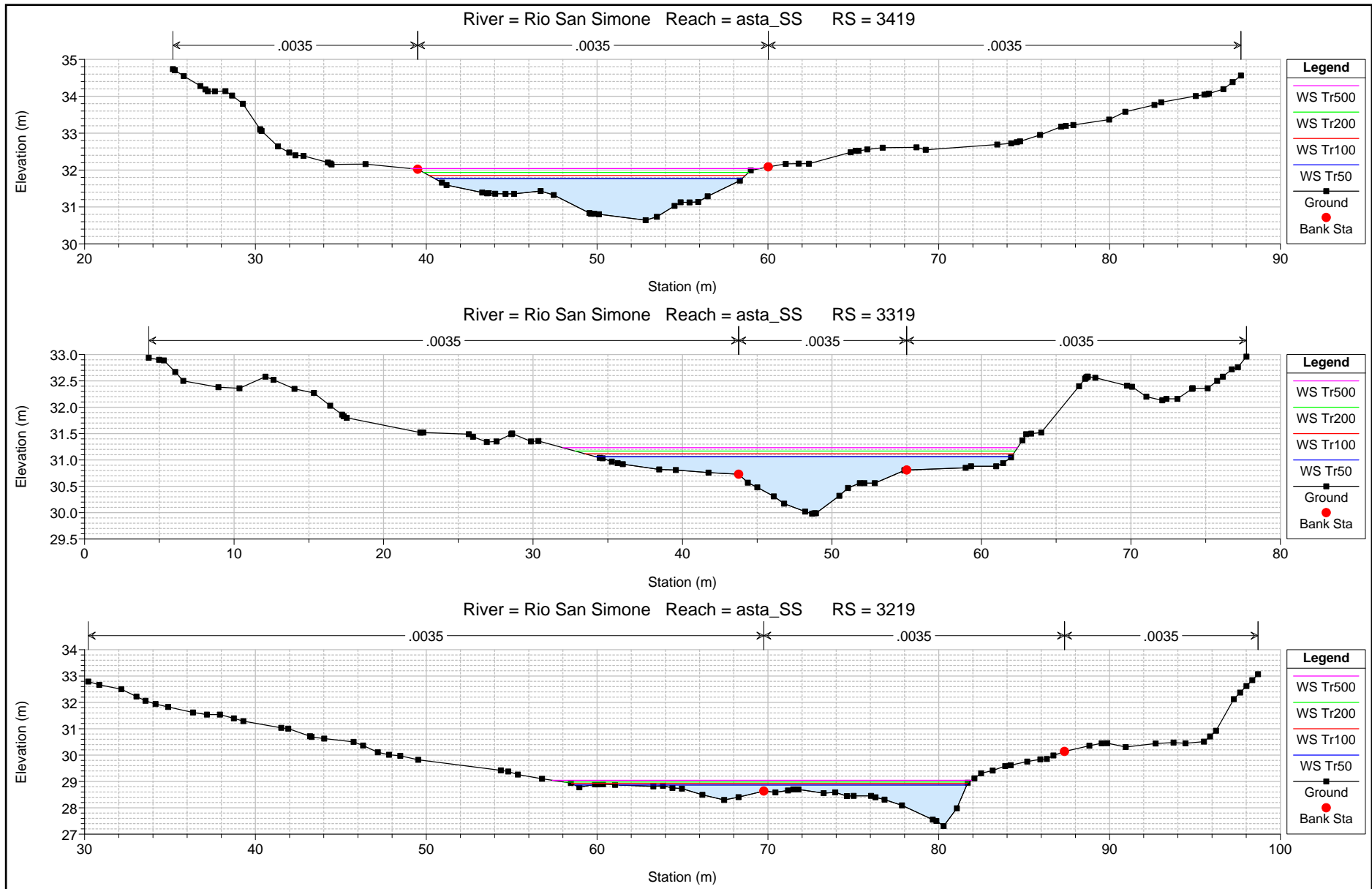


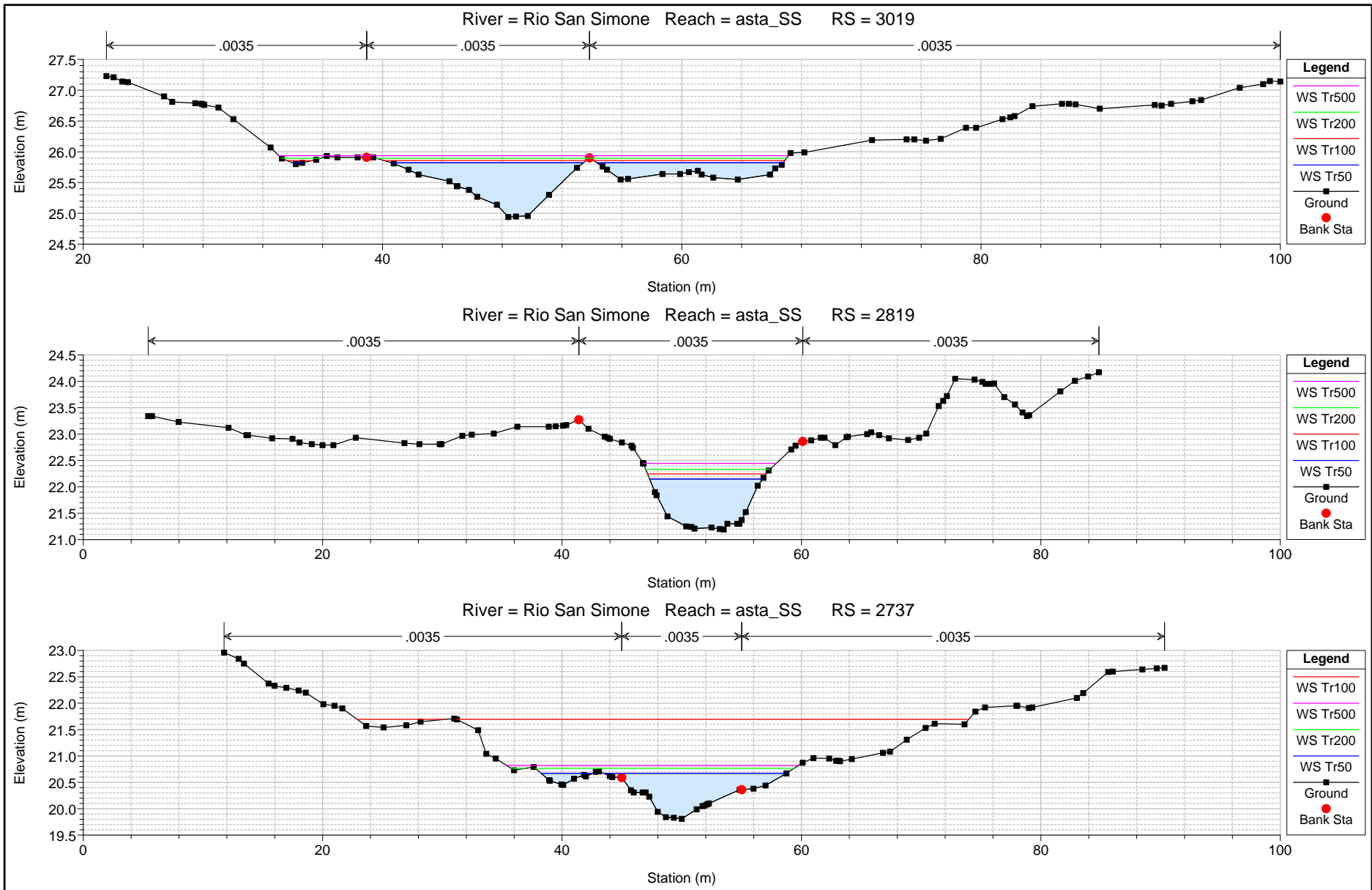


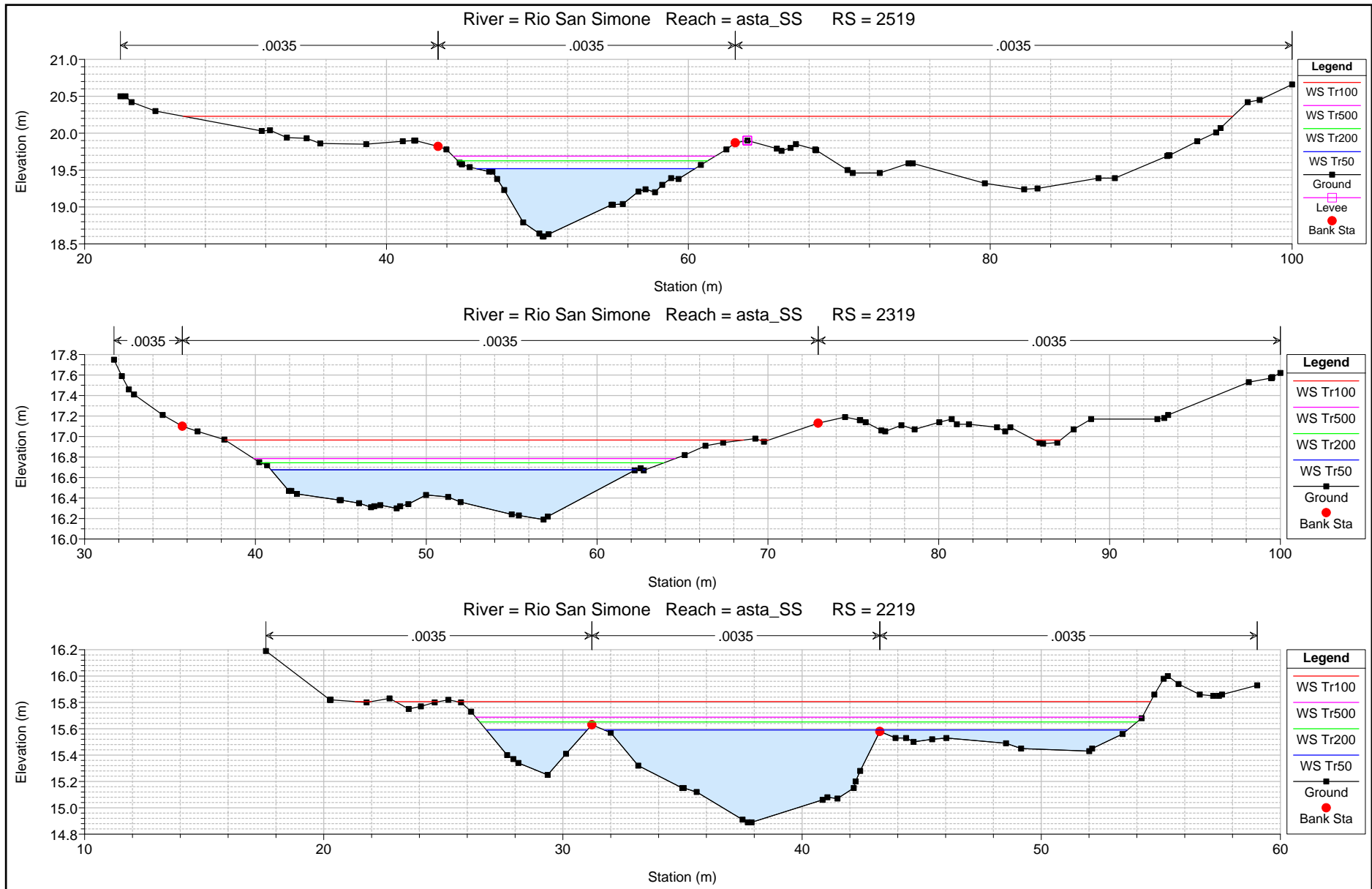


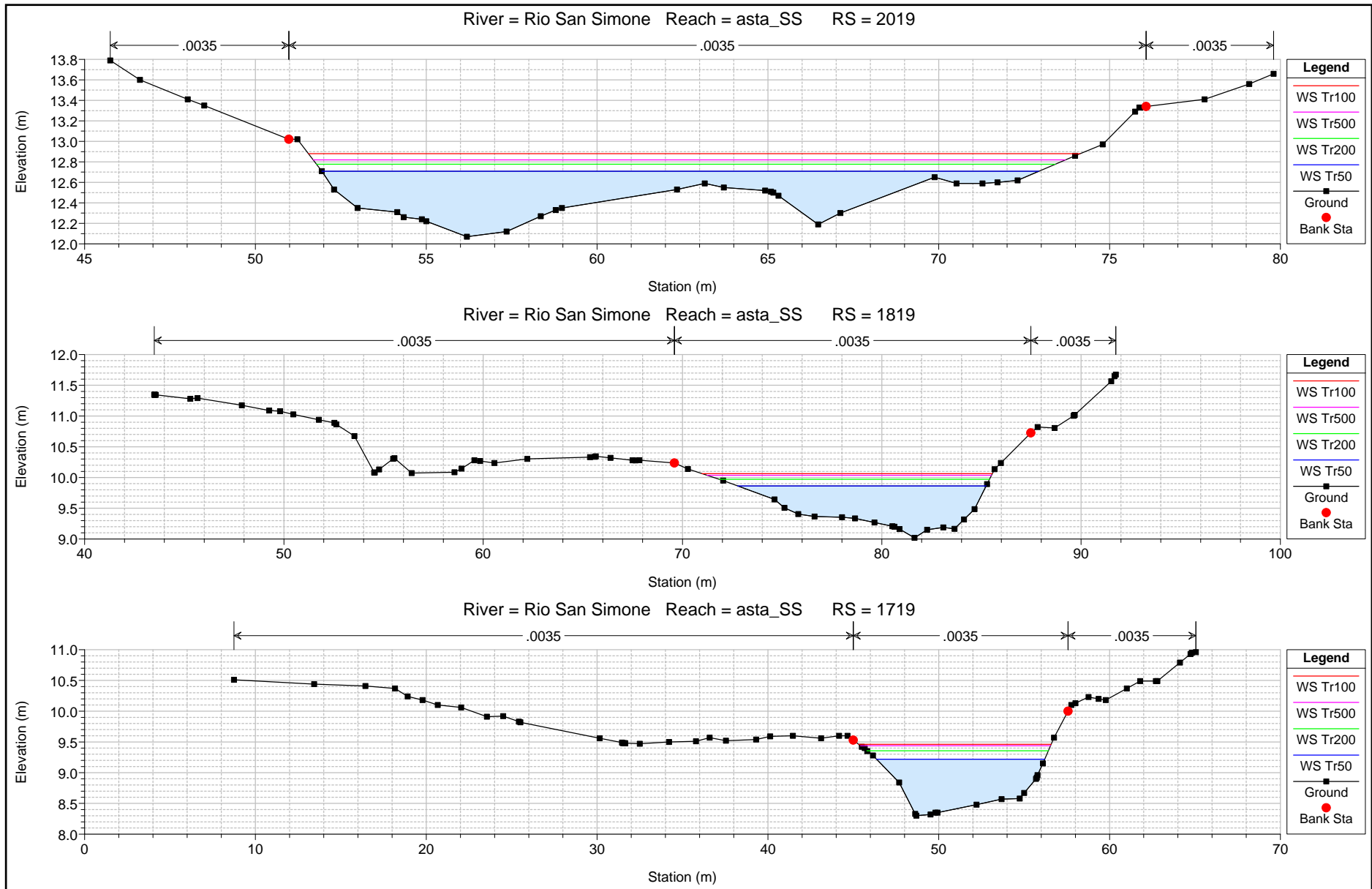


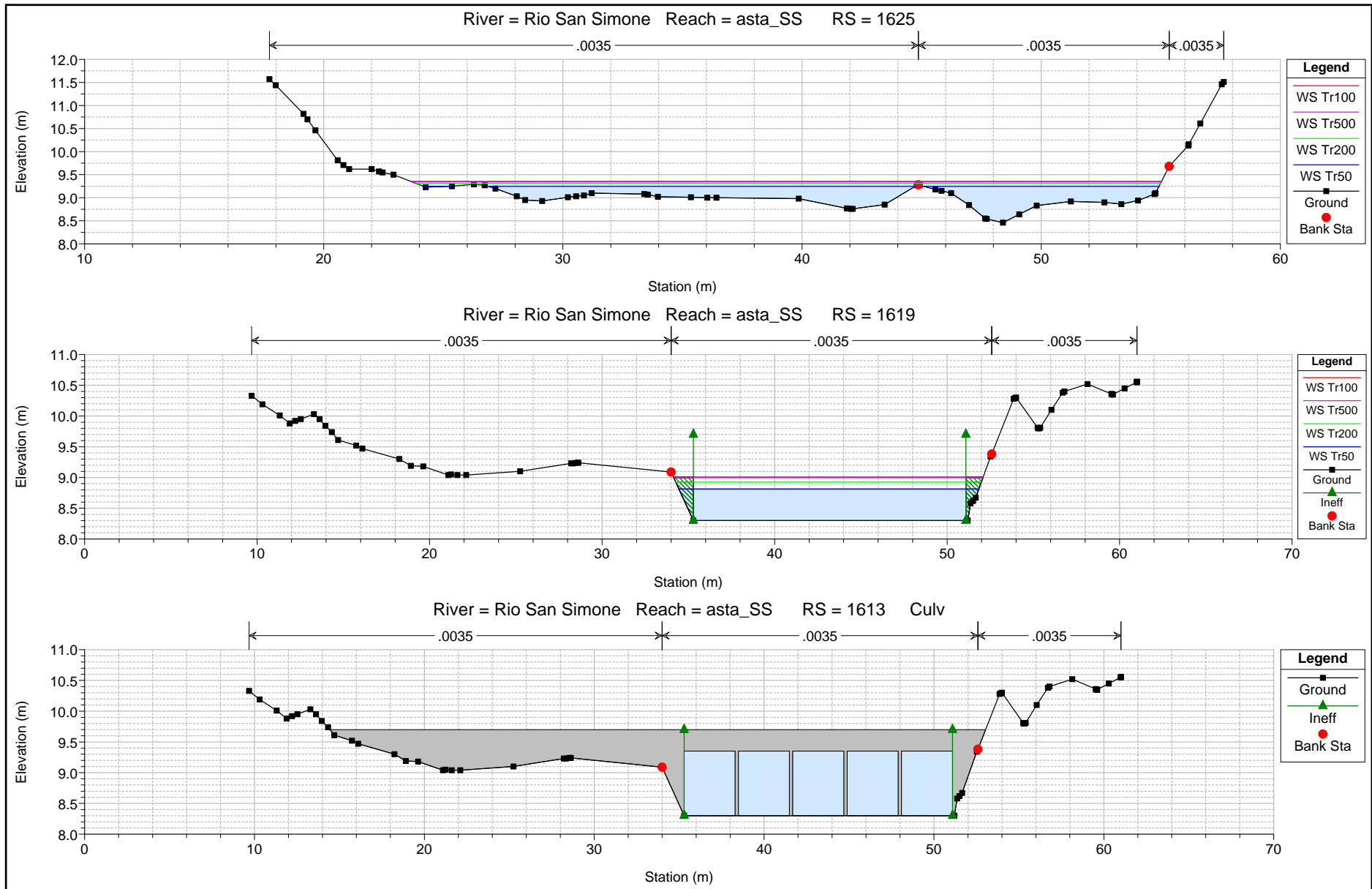


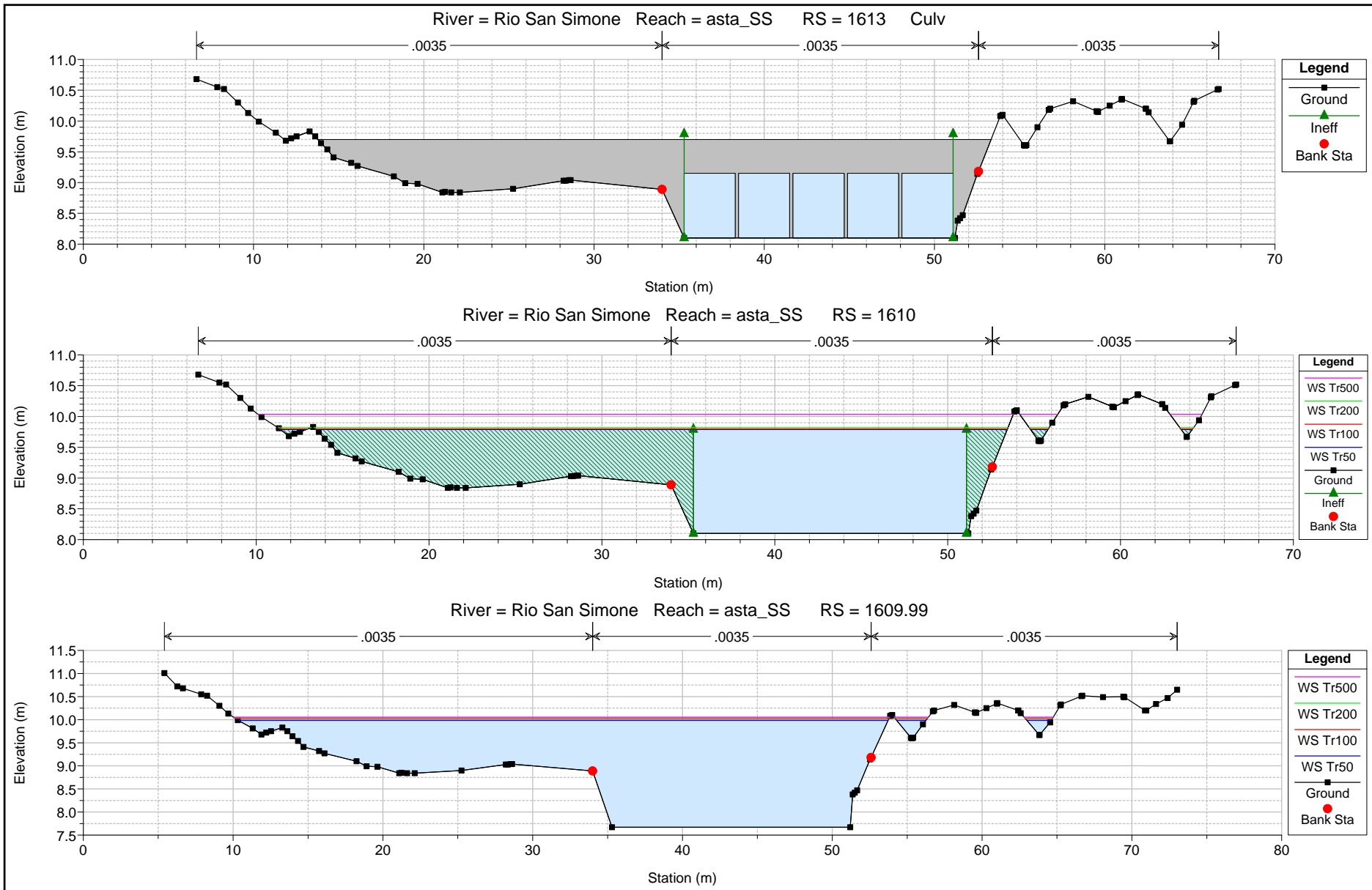


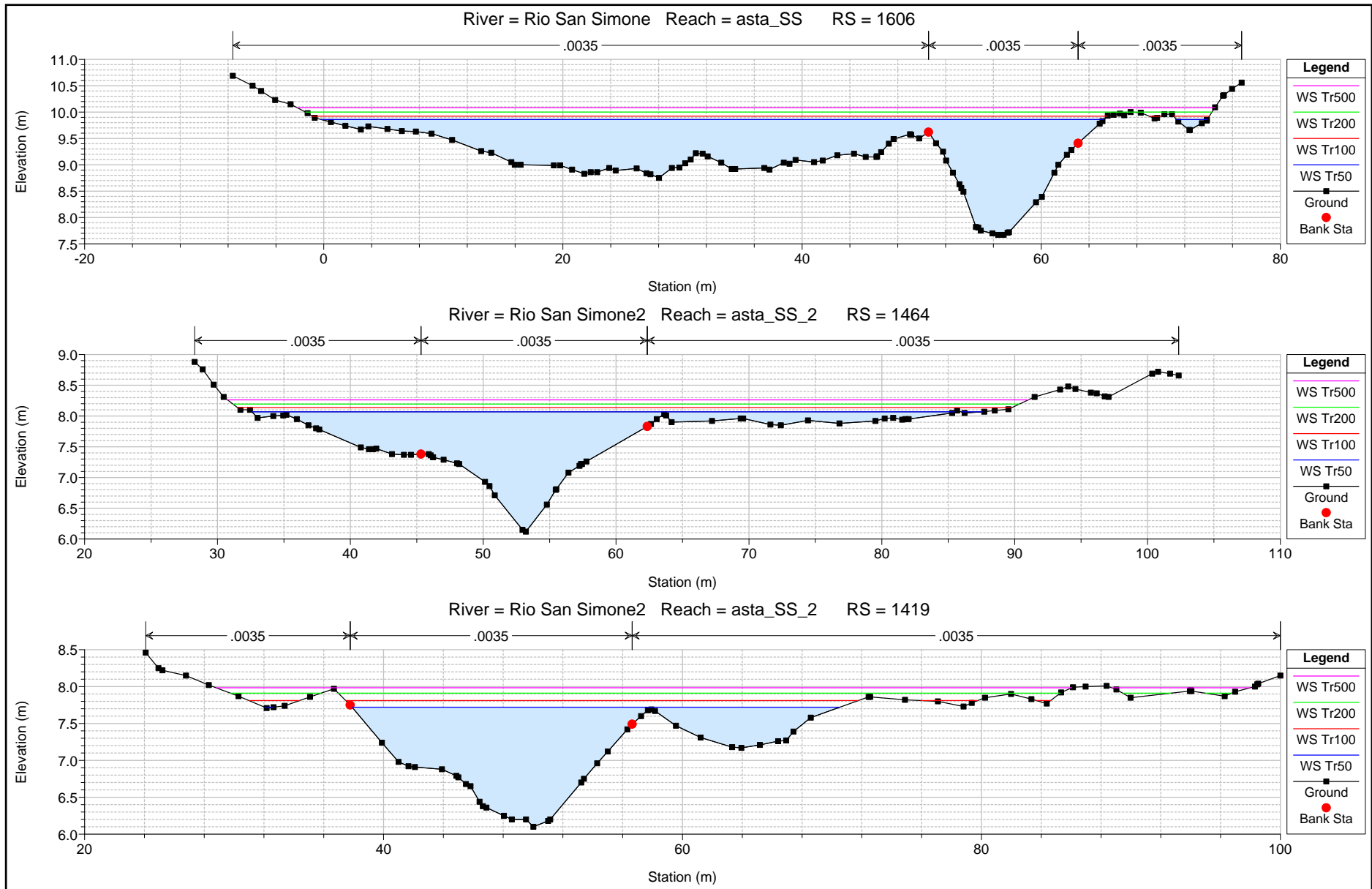


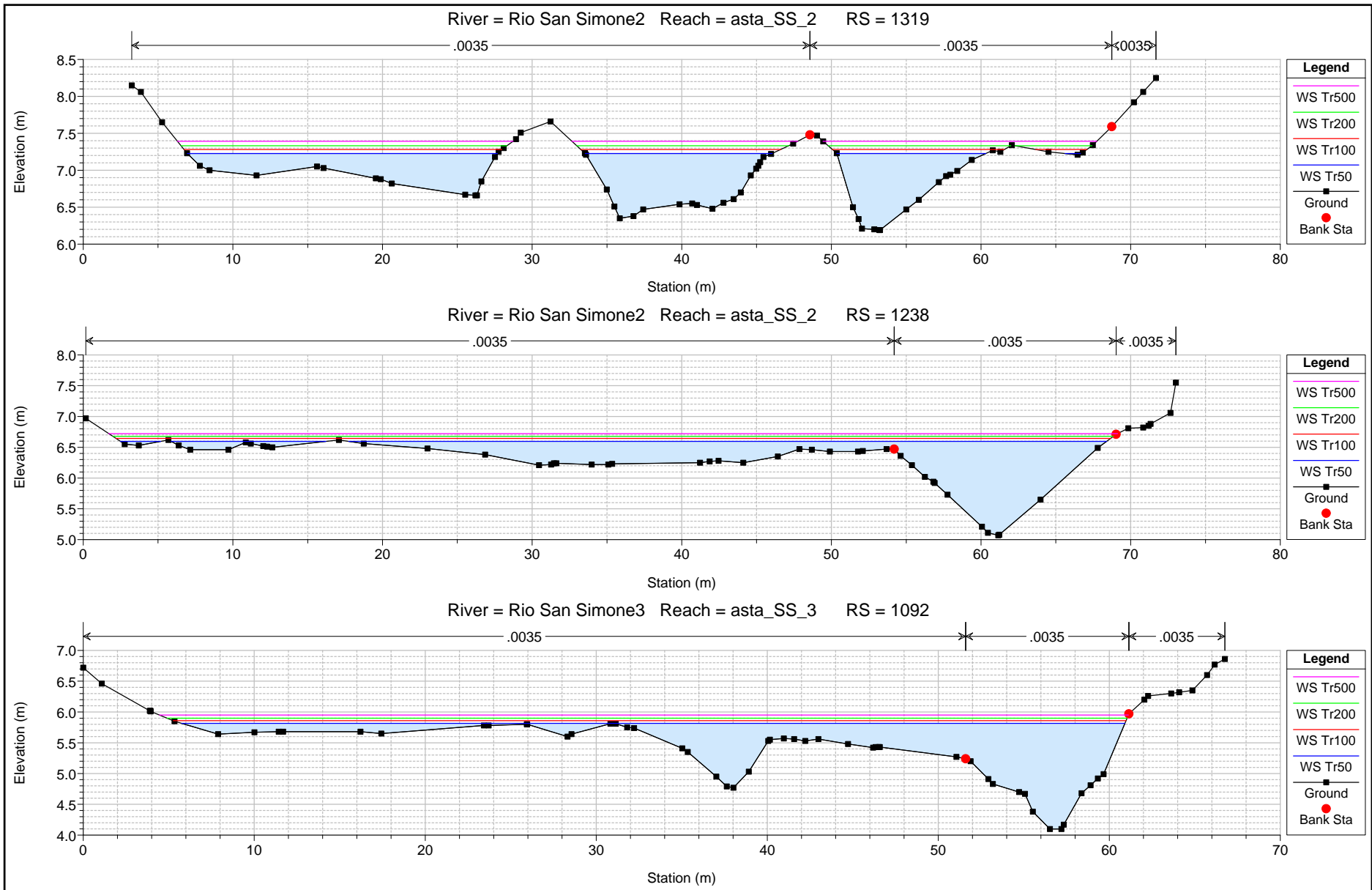


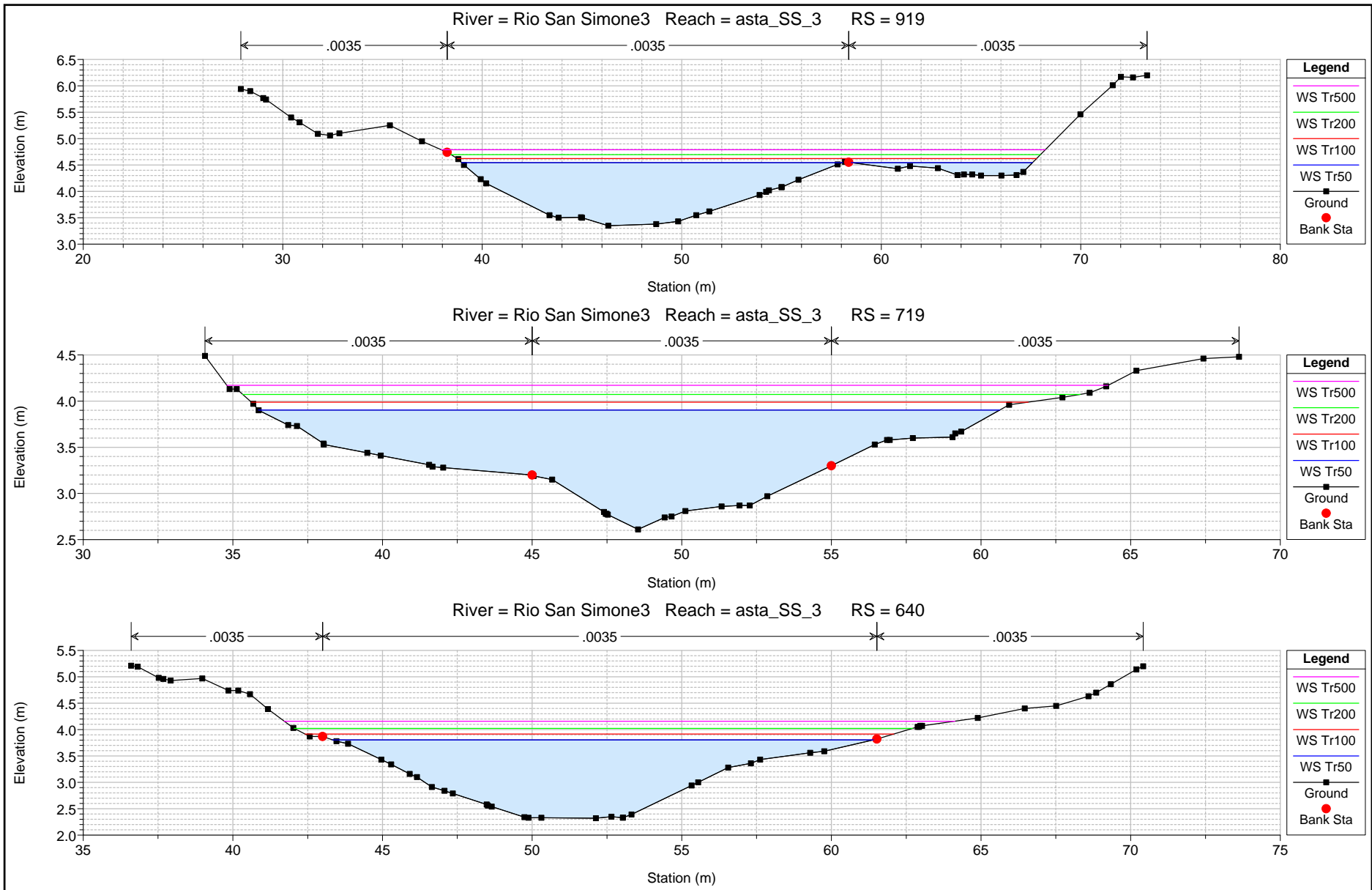


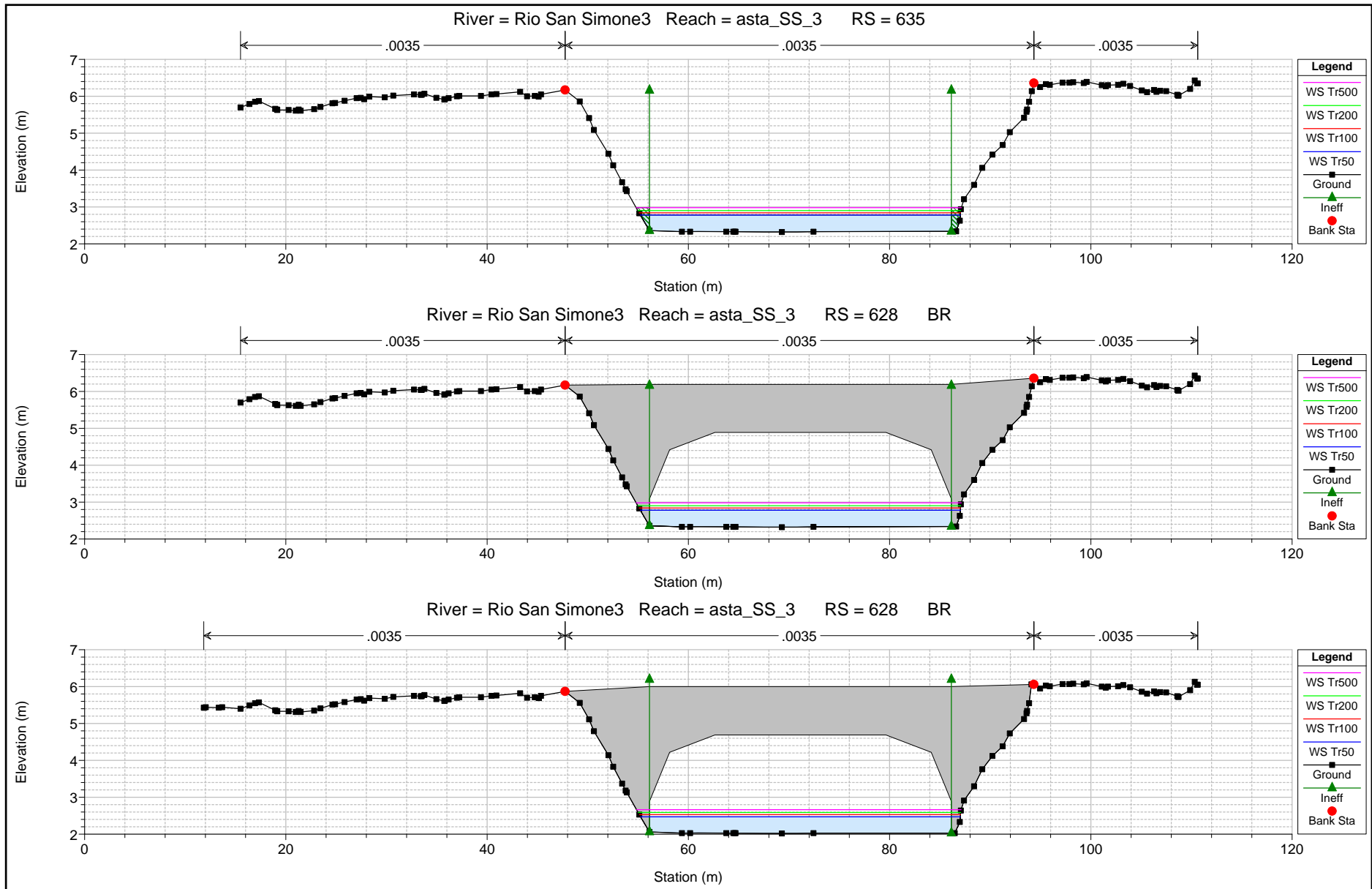


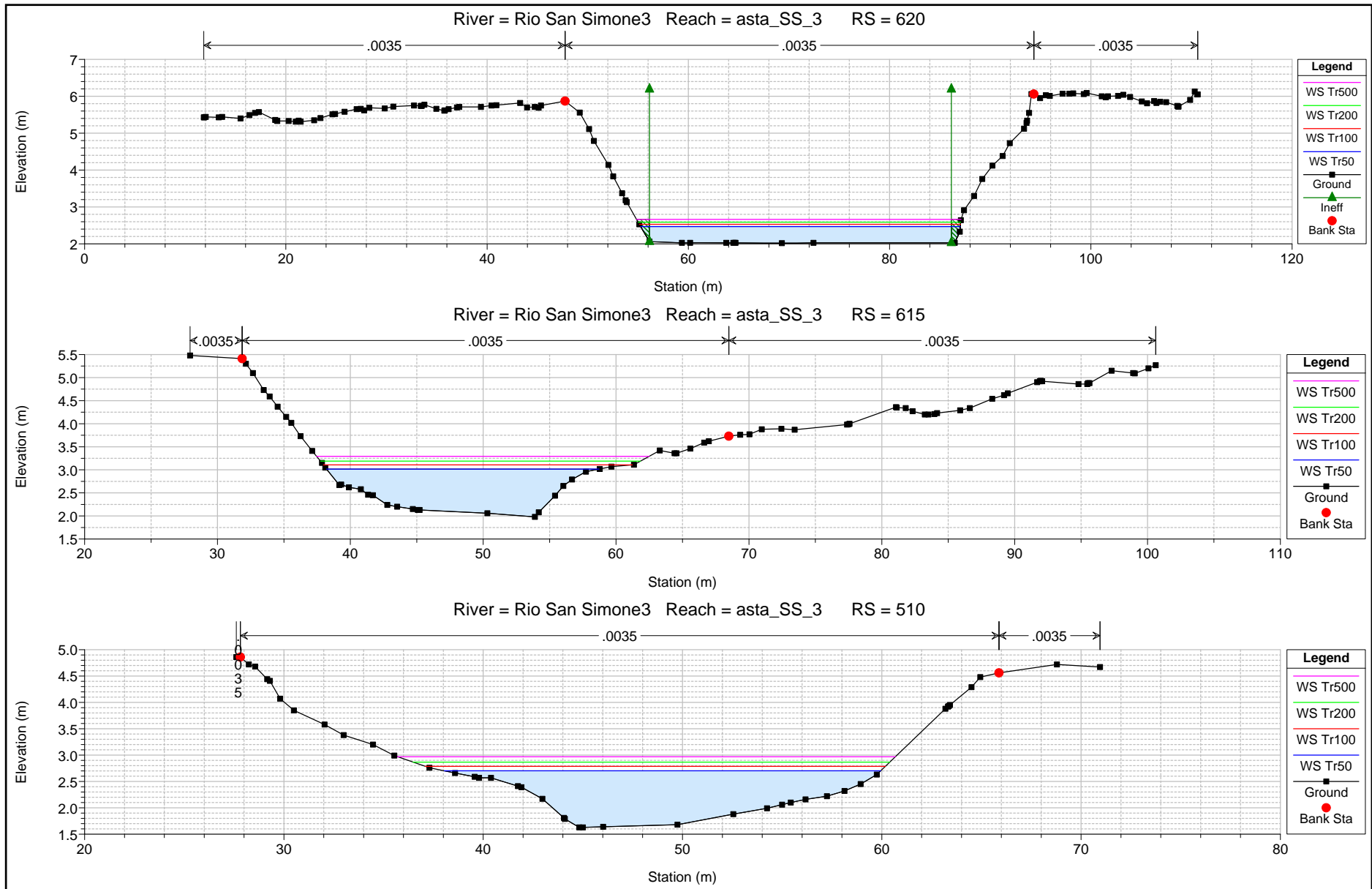


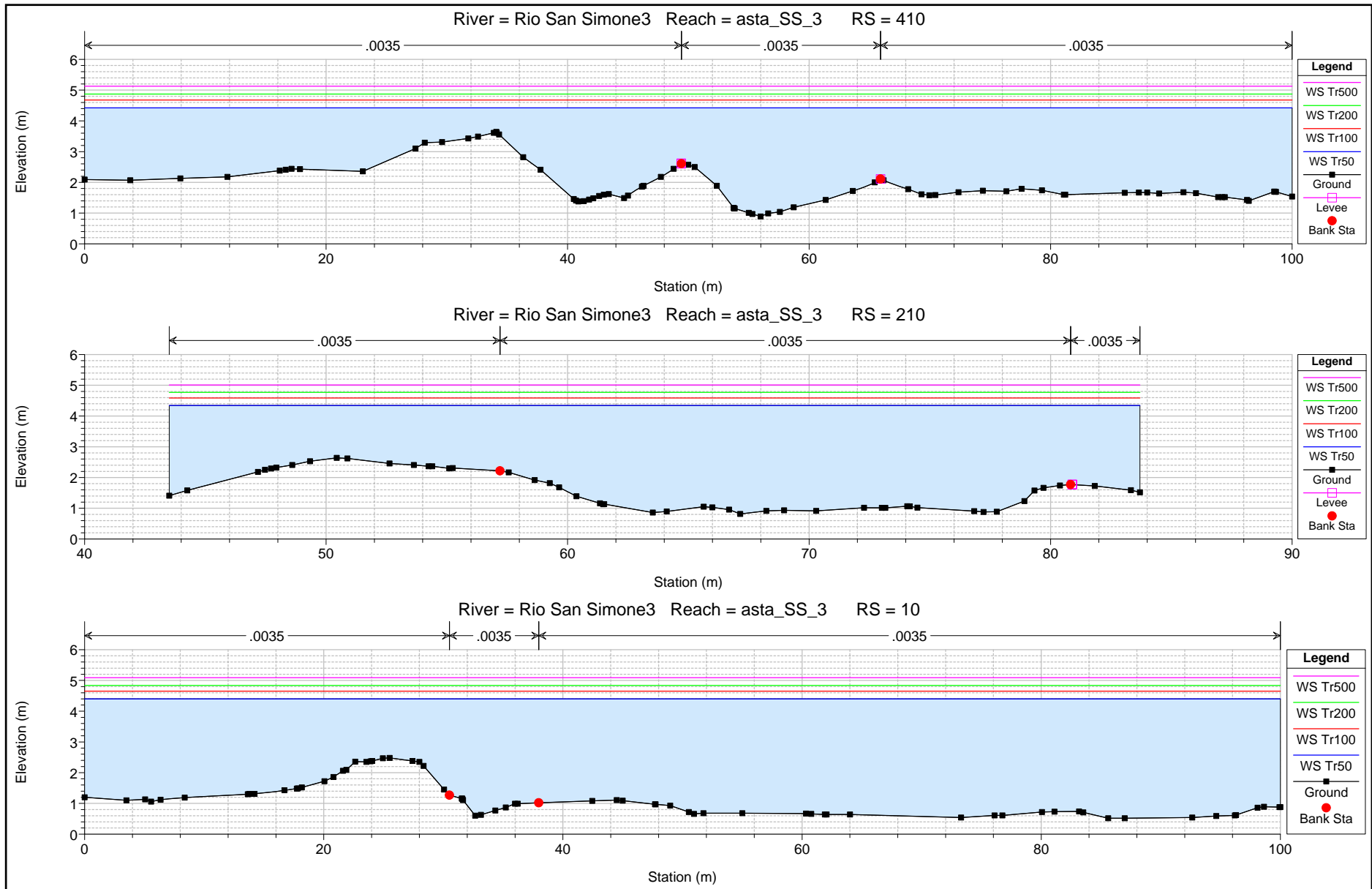












HEC-RAS Plan: Plan 02 Locations: User Defined

River	Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Rio San Simone	asta_SS	4807	Tr50	94.52	54.43	56.50	56.50	57.10	0.000088	3.62	29.41	24.73	0.91
Rio San Simone	asta_SS	4807	Tr100	108.01	54.43	56.62	56.62	57.26	0.000087	3.77	32.32	25.18	0.91
Rio San Simone	asta_SS	4807	Tr200	121.50	54.43	56.73	56.73	57.41	0.000086	3.91	35.18	25.62	0.92
Rio San Simone	asta_SS	4807	Tr500	139.33	54.43	56.83	56.83	57.61	0.000092	4.19	37.69	26.06	0.96
Rio San Simone	asta_SS	4707	Tr50	94.52	52.33	53.67	54.39	56.82	0.001207	8.36	12.71	21.13	2.96
Rio San Simone	asta_SS	4707	Tr100	108.01	52.33	53.74	54.52	56.98	0.001131	8.52	14.22	21.36	2.90
Rio San Simone	asta_SS	4707	Tr200	121.50	52.33	53.81	54.58	57.13	0.001064	8.64	15.71	21.58	2.84
Rio San Simone	asta_SS	4707	Tr500	139.33	52.33	53.90	54.78	57.32	0.000990	8.79	17.64	22.58	2.78
Rio San Simone	asta_SS	4607	Tr50	94.52	50.21	51.80	52.74	56.53	0.001459	9.64	9.81	11.25	3.29
Rio San Simone	asta_SS	4607	Tr100	108.01	50.21	51.91	52.82	56.70	0.001379	9.69	11.14	12.15	3.23
Rio San Simone	asta_SS	4607	Tr200	121.50	50.21	52.01	52.90	56.85	0.001427	9.75	12.46	13.86	3.28
Rio San Simone	asta_SS	4607	Tr500	139.33	50.21	52.12	52.99	57.05	0.001445	9.85	14.37	20.06	3.31
Rio San Simone	asta_SS	4507	Tr50	94.52	47.91	48.76	49.80	56.04	0.004076	11.95	7.91	14.68	5.20
Rio San Simone	asta_SS	4507	Tr100	108.01	47.91	48.84	49.91	56.23	0.003687	12.04	8.97	15.26	5.01
Rio San Simone	asta_SS	4507	Tr200	121.50	47.91	48.90	49.97	56.38	0.003373	12.12	10.03	15.81	4.86
Rio San Simone	asta_SS	4507	Tr500	139.33	47.91	48.99	50.05	56.58	0.003056	12.21	11.41	16.51	4.69
Rio San Simone	asta_SS	4321	Tr50	94.52	44.31	45.84	46.66	55.21	0.002835	13.56	6.97	7.55	4.51
Rio San Simone	asta_SS	4321	Tr100	108.01	44.31	45.96	46.74	55.44	0.002633	13.64	7.92	8.03	4.39
Rio San Simone	asta_SS	4321	Tr200	121.50	44.31	46.08	46.82	55.64	0.002472	13.70	8.87	8.52	4.29
Rio San Simone	asta_SS	4321	Tr500	139.33	44.31	46.22	46.95	55.88	0.002296	13.77	10.12	9.12	4.17
Rio San Simone	asta_SS	4231	Tr50	94.52	41.79	42.70	43.97	54.60	0.005956	15.28	6.18	10.36	6.31
Rio San Simone	asta_SS	4231	Tr100	108.01	41.79	45.62	44.09	45.67	0.000003	1.10	123.08	62.44	0.20
Rio San Simone	asta_SS	4231	Tr200	121.50	41.79	45.94	44.21	45.98	0.000003	1.07	143.26	66.25	0.19
Rio San Simone	asta_SS	4231	Tr500	139.33	41.79	46.33	44.34	46.37	0.000002	1.04	170.77	72.50	0.17
Rio San Simone	asta_SS	4228	Tr50	94.52	41.63	42.56	44.12	54.57	0.004906	15.35	6.16	9.60	5.86
Rio San Simone	asta_SS	4228	Tr100	108.01	41.63	44.34	44.33	45.55	0.000093	4.88	22.12	45.60	0.99
Rio San Simone	asta_SS	4228	Tr200	121.50	41.63	44.54	44.53	45.85	0.000091	5.08	23.91	51.62	0.99
Rio San Simone	asta_SS	4228	Tr500	139.33	41.63	44.78	44.78	46.23	0.000089	5.34	26.12	54.24	1.00
Rio San Simone	asta_SS	4224		Bridge									
Rio San Simone	asta_SS	4220	Tr50	94.52	41.63	42.51	44.07	54.53	0.004680	15.36	6.15	9.97	5.82

HEC-RAS Plan: Plan 02 Locations: User Defined (Continued)

River	Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	
Rio San Simone	asta_SS	4220	Tr100	108.01	41.63	44.21	44.28	45.51	0.000102	5.05	21.39	39.76	1.05
Rio San Simone	asta_SS	4220	Tr200	121.50	41.63	44.41	44.48	45.81	0.000098	5.24	23.20	41.92	1.04
Rio San Simone	asta_SS	4220	Tr500	139.33	41.63	44.51	44.73	46.21	0.000113	5.77	24.16	43.53	1.12
Rio San Simone	asta_SS	4215	Tr50	94.52	41.28	42.23	43.70	54.48	0.007054	15.51	6.10	11.41	6.77
Rio San Simone	asta_SS	4215	Tr100	108.01	41.28	42.96	43.85	45.39	0.000557	6.90	15.65	14.37	2.11
Rio San Simone	asta_SS	4215	Tr200	121.50	41.28	43.05	43.98	45.68	0.000561	7.19	16.91	14.67	2.14
Rio San Simone	asta_SS	4215	Tr500	139.33	41.28	43.15	44.13	46.09	0.000581	7.60	18.34	15.00	2.19
Rio San Simone	asta_SS	4119	Tr50	94.52	41.02	41.83	42.49	53.48	0.010568	15.39	6.83	34.57	7.94
Rio San Simone	asta_SS	4119	Tr100	108.01	41.02	42.03	42.56	45.22	0.002212	8.74	15.07	45.78	3.83
Rio San Simone	asta_SS	4119	Tr200	121.50	41.02	42.05	42.62	45.50	0.002305	9.14	16.20	46.52	3.94
Rio San Simone	asta_SS	4119	Tr500	139.33	41.02	42.08	42.69	45.90	0.002444	9.66	17.54	47.38	4.08
Rio San Simone	asta_SS	4019	Tr50	94.52	38.78	39.83	40.96	52.56	0.006393	15.81	5.98	10.11	6.56
Rio San Simone	asta_SS	4019	Tr100	108.01	38.78	40.30	41.02	44.91	0.001285	9.56	11.68	16.78	3.15
Rio San Simone	asta_SS	4019	Tr200	121.50	38.78	40.37	41.08	45.20	0.001233	9.84	13.08	20.95	3.13
Rio San Simone	asta_SS	4019	Tr500	139.33	38.78	40.45	41.15	45.60	0.001215	10.26	15.57	41.07	3.14
Rio San Simone	asta_SS	3919	Tr50	94.52	37.60	38.15	38.81	51.43	0.021261	16.03	5.85	24.15	10.44
Rio San Simone	asta_SS	3919	Tr100	108.01	37.60	38.28	38.88	44.49	0.007599	11.98	9.98	35.55	6.60
Rio San Simone	asta_SS	3919	Tr200	121.50	37.60	38.31	38.94	44.79	0.007280	12.22	10.97	36.48	6.52
Rio San Simone	asta_SS	3919	Tr500	139.33	37.60	38.34	39.01	45.18	0.006988	12.54	12.22	37.63	6.47
Rio San Simone	asta_SS	3819	Tr50	94.52	36.15	37.14	38.12	50.22	0.007480	16.02	5.90	10.96	6.97
Rio San Simone	asta_SS	3819	Tr100	108.01	36.15	37.41	38.19	44.00	0.003119	11.41	9.74	22.79	4.62
Rio San Simone	asta_SS	3819	Tr200	121.50	36.15	37.46	38.27	44.31	0.002994	11.70	10.99	25.40	4.58
Rio San Simone	asta_SS	3819	Tr500	139.33	36.15	37.52	38.36	44.73	0.002919	12.11	12.48	28.48	4.57
Rio San Simone	asta_SS	3719	Tr50	94.52	34.94	36.15	36.98	49.51	0.006279	16.19	5.84	9.59	6.52
Rio San Simone	asta_SS	3719	Tr100	108.01	34.94	36.37	37.01	43.64	0.002836	12.41	10.35	32.37	4.52
Rio San Simone	asta_SS	3719	Tr200	121.50	34.94	36.41	37.07	43.94	0.003033	12.81	11.80	37.80	4.68
Rio San Simone	asta_SS	3719	Tr500	139.33	34.94	36.45	37.22	44.35	0.003310	13.36	13.33	44.00	4.89
Rio San Simone	asta_SS	3684	Tr50	94.52	34.99	35.81	36.64	49.28	0.006209	16.27	5.87	13.27	6.50
Rio San Simone	asta_SS	3684	Tr100	108.01	34.99	35.99	36.70	43.50	0.003406	12.74	10.27	38.58	4.89
Rio San Simone	asta_SS	3684	Tr200	121.50	34.99	36.02	36.74	43.81	0.003478	13.17	11.59	40.26	4.97
Rio San Simone	asta_SS	3684	Tr500	139.33	34.99	36.06	36.78	44.20	0.003594	13.70	13.12	41.95	5.08

HEC-RAS Plan: Plan 02 Locations: User Defined (Continued)

River	Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Rio San Simone	asta_SS	3681	Tr50	96.26	34.89	37.32	36.70	37.35	0.000006	1.12	118.06	101.86	0.25
Rio San Simone	asta_SS	3681	Tr100	109.99	34.89	37.38	36.70	37.42	0.000007	1.21	124.43	102.32	0.26
Rio San Simone	asta_SS	3681	Tr200	123.72	34.89	37.44	36.70	37.49	0.000008	1.28	131.08	102.79	0.28
Rio San Simone	asta_SS	3681	Tr500	141.86	34.89	37.52	36.73	37.57	0.000008	1.38	138.74	104.26	0.29
Rio San Simone	asta_SS	3678		Culvert									
Rio San Simone	asta_SS	3671	Tr50	96.26	34.81	36.58	36.58	36.67	0.000019	1.62	76.15	78.35	0.43
Rio San Simone	asta_SS	3671	Tr100	109.99	34.81	36.58	36.58	36.69	0.000025	1.85	76.15	78.35	0.49
Rio San Simone	asta_SS	3671	Tr200	123.72	34.81	36.58	36.58	36.73	0.000032	2.08	76.15	78.35	0.55
Rio San Simone	asta_SS	3671	Tr500	141.86	34.81	36.58	36.58	36.77	0.000042	2.38	76.15	78.35	0.63
Rio San Simone	asta_SS	3667	Tr50	96.26	34.56	36.10	36.28	36.62	0.000200	3.92	34.74	76.07	1.27
Rio San Simone	asta_SS	3667	Tr100	109.99	34.56	36.18	36.33	36.66	0.000171	3.82	40.95	81.30	1.19
Rio San Simone	asta_SS	3667	Tr200	123.72	34.56	36.28	36.37	36.70	0.000138	3.64	49.20	86.31	1.08
Rio San Simone	asta_SS	3667	Tr500	141.86	34.56	36.39	36.41	36.75	0.000107	3.41	59.05	88.79	0.97
Rio San Simone	asta_SS	3619	Tr50	96.26	34.25	35.46	35.76	36.55	0.000806	5.33	22.44	72.69	2.32
Rio San Simone	asta_SS	3619	Tr100	109.99	34.25	35.51	35.81	36.59	0.000728	5.41	26.74	78.91	2.24
Rio San Simone	asta_SS	3619	Tr200	123.72	34.25	35.55	35.85	36.62	0.000675	5.43	29.81	80.48	2.18
Rio San Simone	asta_SS	3619	Tr500	141.86	34.25	35.60	35.90	36.67	0.000621	5.47	33.72	82.45	2.12
Rio San Simone	asta_SS	3519	Tr50	96.26	32.54	34.79	35.34	36.44	0.000435	5.79	18.07	27.68	1.83
Rio San Simone	asta_SS	3519	Tr100	109.99	32.54	34.91	35.41	36.49	0.000370	5.74	21.68	36.83	1.72
Rio San Simone	asta_SS	3519	Tr200	123.72	32.54	35.01	35.48	36.53	0.000329	5.72	25.43	38.56	1.64
Rio San Simone	asta_SS	3519	Tr500	141.86	32.54	35.12	35.57	36.59	0.000297	5.74	29.65	41.79	1.58
Rio San Simone	asta_SS	3419	Tr50	96.26	30.64	31.77	32.66	36.09	0.002180	9.21	10.45	17.98	3.86
Rio San Simone	asta_SS	3419	Tr100	109.99	30.64	31.85	32.78	36.14	0.001877	9.18	11.99	18.50	3.64
Rio San Simone	asta_SS	3419	Tr200	123.72	30.64	31.94	32.87	36.19	0.001645	9.14	13.53	19.02	3.46
Rio San Simone	asta_SS	3419	Tr500	141.86	30.64	32.04	32.97	36.26	0.001449	9.10	15.59	20.45	3.29
Rio San Simone	asta_SS	3319	Tr50	96.26	29.98	31.06	31.81	35.82	0.002288	10.42	11.12	27.85	4.05
Rio San Simone	asta_SS	3319	Tr100	109.99	29.98	31.12	31.89	35.89	0.002125	10.57	12.63	28.66	3.95
Rio San Simone	asta_SS	3319	Tr200	123.72	29.98	31.17	31.96	35.96	0.001984	10.69	14.12	29.44	3.86
Rio San Simone	asta_SS	3319	Tr500	141.86	29.98	31.23	32.04	36.04	0.001824	10.81	16.07	30.43	3.76

HEC-RAS Plan: Plan 02 Locations: User Defined (Continued)

River	Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Rio San Simone	asta_SS	3219	Tr50	96.26	27.31	28.87	29.71	35.36	0.003949	11.89	8.99	21.36	4.98
Rio San Simone	asta_SS	3219	Tr100	109.99	27.31	28.93	29.82	35.45	0.003561	12.03	10.38	23.18	4.80
Rio San Simone	asta_SS	3219	Tr200	123.72	27.31	28.98	29.90	35.53	0.003298	12.13	11.59	23.69	4.67
Rio San Simone	asta_SS	3219	Tr500	141.86	27.31	29.05	30.02	35.63	0.003016	12.24	13.19	24.53	4.53
Rio San Simone	asta_SS	3019	Tr50	96.26	24.94	25.82	26.55	34.13	0.007181	13.73	8.01	25.95	6.66
Rio San Simone	asta_SS	3019	Tr100	109.99	24.94	25.86	26.64	34.29	0.007026	13.87	9.02	28.09	6.63
Rio San Simone	asta_SS	3019	Tr200	123.72	24.94	25.89	26.69	34.42	0.006846	13.96	10.03	29.91	6.58
Rio San Simone	asta_SS	3019	Tr500	141.86	24.94	25.94	26.72	34.57	0.006528	14.05	11.42	34.06	6.47
Rio San Simone	asta_SS	2819	Tr50	96.26	21.19	22.15	23.42	32.80	0.004300	14.46	6.66	9.44	5.50
Rio San Simone	asta_SS	2819	Tr100	109.99	21.19	22.24	23.47	33.02	0.003919	14.54	7.56	9.90	5.31
Rio San Simone	asta_SS	2819	Tr200	123.72	21.19	22.33	23.52	33.21	0.003626	14.61	8.47	10.37	5.16
Rio San Simone	asta_SS	2819	Tr500	141.86	21.19	22.44	23.61	33.43	0.003367	14.68	9.66	11.10	5.02
Rio San Simone	asta_SS	2737	Tr50	96.26	19.81	20.67	21.55	32.27	0.006726	15.68	6.89	19.57	6.72
Rio San Simone	asta_SS	2737	Tr100	109.99	19.81	21.69	21.69	22.14	0.000086	3.55	40.96	50.16	0.90
Rio San Simone	asta_SS	2737	Tr200	123.72	19.81	20.76	21.65	32.72	0.005872	16.25	8.86	22.80	6.44
Rio San Simone	asta_SS	2737	Tr500	141.86	19.81	20.82	21.88	32.96	0.005457	16.57	10.21	24.41	6.30
Rio San Simone	asta_SS	2519	Tr50	96.26	18.60	19.52	20.17	30.52	0.007747	14.70	6.55	14.47	6.97
Rio San Simone	asta_SS	2519	Tr100	109.99	18.60	20.23	20.23	20.56	0.000102	2.87	46.12	70.13	0.92
Rio San Simone	asta_SS	2519	Tr200	123.72	18.60	19.62	20.29	31.19	0.007198	15.07	8.21	16.55	6.83
Rio San Simone	asta_SS	2519	Tr500	141.86	18.60	19.69	20.36	31.57	0.006690	15.27	9.29	17.37	6.67
Rio San Simone	asta_SS	2319	Tr50	96.26	16.19	16.68	17.48	28.39	0.014378	15.16	6.35	21.50	8.91
Rio San Simone	asta_SS	2319	Tr100	109.99	16.19	16.97	17.53	20.21	0.002298	7.98	13.81	32.41	3.81
Rio San Simone	asta_SS	2319	Tr200	123.72	16.19	16.74	17.60	29.22	0.012934	15.65	7.91	23.60	8.63
Rio San Simone	asta_SS	2319	Tr500	141.86	16.19	16.79	17.68	29.70	0.012135	15.92	8.91	24.68	8.46
Rio San Simone	asta_SS	2219	Tr50	96.26	14.89	15.59	16.34	27.22	0.009247	15.98	7.02	26.10	7.61
Rio San Simone	asta_SS	2219	Tr100	109.99	14.89	15.81	16.42	19.90	0.002218	9.96	13.26	35.90	3.96
Rio San Simone	asta_SS	2219	Tr200	123.72	14.89	15.65	16.49	28.13	0.009185	16.87	8.64	27.49	7.70
Rio San Simone	asta_SS	2219	Tr500	141.86	14.89	15.69	16.58	28.67	0.008819	17.35	9.67	27.87	7.64
Rio San Simone	asta_SS	2019	Tr50	96.26	12.07	12.71	13.66	24.86	0.014913	15.44	6.23	20.98	9.04
Rio San Simone	asta_SS	2019	Tr100	109.99	12.07	12.88	13.77	19.08	0.004492	11.03	9.97	22.58	5.30
Rio San Simone	asta_SS	2019	Tr200	123.72	12.07	12.78	13.86	25.92	0.012676	16.06	7.70	21.62	8.59

HEC-RAS Plan: Plan 02 Locations: User Defined (Continued)

River	Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Rio San Simone	asta_SS	2019	Tr500	141.86	12.07	12.82	13.97	26.57	0.011676	16.43	8.63	22.02	8.38
Rio San Simone	asta_SS	1819	Tr50	96.26	9.02	9.86	10.89	22.63	0.008205	15.83	6.08	12.47	7.24
Rio San Simone	asta_SS	1819	Tr100	109.99	9.02	10.06	10.99	18.06	0.003886	12.53	8.79	15.54	5.15
Rio San Simone	asta_SS	1819	Tr200	123.72	9.02	9.97	11.09	23.91	0.007614	16.54	7.48	13.57	7.11
Rio San Simone	asta_SS	1819	Tr500	141.86	9.02	10.04	11.20	24.66	0.007354	16.94	8.37	14.27	7.06
Rio San Simone	asta_SS	1719	Tr50	96.26	8.30	9.22	10.34	21.91	0.006047	15.78	6.10	9.85	6.40
Rio San Simone	asta_SS	1719	Tr100	109.99	8.30	9.46	10.34	17.70	0.002967	12.71	8.65	11.27	4.63
Rio San Simone	asta_SS	1719	Tr200	123.72	8.30	9.36	10.37	23.25	0.005589	16.51	7.49	10.62	6.28
Rio San Simone	asta_SS	1719	Tr500	141.86	8.30	9.44	10.72	24.02	0.005381	16.92	8.38	11.13	6.22
Rio San Simone	asta_SS	1625	Tr50	123.55	8.46	9.25	10.13	20.73	0.012690	16.72	8.43	28.96	8.61
Rio San Simone	asta_SS	1625	Tr100	141.14	8.46	9.36	10.24	17.16	0.006578	13.88	11.67	31.40	6.41
Rio San Simone	asta_SS	1625	Tr200	158.75	8.46	9.31	10.34	22.16	0.012388	17.93	10.29	31.14	8.67
Rio San Simone	asta_SS	1625	Tr500	181.94	8.46	9.35	10.46	23.00	0.011828	18.39	11.38	31.35	8.57
Rio San Simone	asta_SS	1619	Tr50	123.55	8.30	8.81	9.89	20.64	0.006926	15.24	8.11	17.39	6.79
Rio San Simone	asta_SS	1619	Tr100	141.14	8.30	9.01	10.00	17.10	0.003080	12.60	11.20	17.96	4.78
Rio San Simone	asta_SS	1619	Tr200	158.75	8.30	8.93	10.11	22.08	0.005916	16.07	9.88	17.72	6.49
Rio San Simone	asta_SS	1619	Tr500	181.94	8.30	9.00	10.24	22.93	0.005427	16.54	11.00	17.93	6.33
Rio San Simone	asta_SS	1613		Culvert									
Rio San Simone	asta_SS	1610	Tr50	123.55	8.10	9.79	9.79	10.21	0.000065	3.11	46.14	43.16	0.78
Rio San Simone	asta_SS	1610	Tr100	141.14	8.10	9.80	9.80	10.33	0.000083	3.52	46.51	43.41	0.88
Rio San Simone	asta_SS	1610	Tr200	158.75	8.10	9.82	9.82	10.47	0.000100	3.89	47.40	44.02	0.97
Rio San Simone	asta_SS	1610	Tr500	181.94	8.10	10.03	10.03	10.63	0.000079	3.77	57.33	47.74	0.88
Rio San Simone	asta_SS	1609.99	Tr50	123.55	7.67	9.98		10.23	0.000026	2.37	62.06	46.95	0.51
Rio San Simone	asta_SS	1609.99	Tr100	141.14	7.67	10.02		10.32	0.000032	2.63	63.91	47.56	0.56
Rio San Simone	asta_SS	1609.99	Tr200	158.75	7.67	10.04		10.41	0.000039	2.92	64.79	47.84	0.62
Rio San Simone	asta_SS	1609.99	Tr500	181.94	7.67	10.05		10.53	0.000050	3.32	65.41	48.04	0.70
Rio San Simone	asta_SS	1606	Tr50	123.55	7.67	9.86	9.86	10.21	0.000088	3.24	51.35	68.04	0.87
Rio San Simone	asta_SS	1606	Tr100	141.14	7.67	9.92	9.92	10.31	0.000091	3.39	55.71	70.40	0.89
Rio San Simone	asta_SS	1606	Tr200	158.75	7.67	10.00	10.00	10.40	0.000088	3.45	61.35	75.75	0.89
Rio San Simone	asta_SS	1606	Tr500	181.94	7.67	10.08	10.08	10.51	0.000088	3.58	67.63	76.71	0.89

HEC-RAS Plan: Plan 02 Locations: User Defined (Continued)

River	Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Rio San Simone2	asta_SS_2	1464	Tr50	137.96	6.12	8.07	8.58	10.03	0.000544	6.64	25.44	54.48	2.11
Rio San Simone2	asta_SS_2	1464	Tr100	157.59	6.12	8.14	8.66	10.12	0.000524	6.81	29.32	58.28	2.09
Rio San Simone2	asta_SS_2	1464	Tr200	177.20	6.12	8.19	8.71	10.21	0.000511	6.96	32.67	59.18	2.08
Rio San Simone2	asta_SS_2	1464	Tr500	203.09	6.12	8.26	8.82	10.32	0.000496	7.13	36.87	60.30	2.07
Rio San Simone2	asta_SS_2	1419	Tr50	137.96	6.10	7.72	8.33	9.97	0.000644	6.93	22.17	33.22	2.27
Rio San Simone2	asta_SS_2	1419	Tr100	157.59	6.10	7.81	8.39	10.07	0.000590	7.02	25.52	42.42	2.20
Rio San Simone2	asta_SS_2	1419	Tr200	177.20	6.10	7.91	8.46	10.17	0.000533	7.10	30.62	59.33	2.13
Rio San Simone2	asta_SS_2	1419	Tr500	203.09	6.10	7.98	8.54	10.28	0.000517	7.28	35.25	66.53	2.11
Rio San Simone2	asta_SS_2	1319	Tr50	137.96	6.19	7.23	7.75	9.83	0.001791	7.51	19.32	44.22	3.37
Rio San Simone2	asta_SS_2	1319	Tr100	157.59	6.19	7.28	7.83	9.94	0.001842	6.76	21.87	49.55	3.33
Rio San Simone2	asta_SS_2	1319	Tr200	177.20	6.19	7.33	7.90	10.03	0.001780	6.53	24.47	53.33	3.26
Rio San Simone2	asta_SS_2	1319	Tr500	203.09	6.19	7.39	7.98	10.15	0.001656	6.69	27.74	55.82	3.20
Rio San Simone2	asta_SS_2	1238	Tr50	137.96	5.07	6.60	7.09	9.66	0.001275	8.77	21.31	63.70	3.10
Rio San Simone2	asta_SS_2	1238	Tr100	157.59	5.07	6.64	7.16	9.77	0.001278	9.01	24.44	66.47	3.13
Rio San Simone2	asta_SS_2	1238	Tr200	177.20	5.07	6.68	7.23	9.86	0.001292	9.22	26.74	66.88	3.16
Rio San Simone2	asta_SS_2	1238	Tr500	203.09	5.07	6.72	7.30	9.98	0.001289	9.45	29.69	67.43	3.17
Rio San Simone3	asta_SS_3	1092	Tr50	142.78	4.10	5.82	6.38	9.43	0.001171	9.82	21.51	55.16	3.03
Rio San Simone3	asta_SS_3	1092	Tr100	163.10	4.10	5.86	6.47	9.53	0.001185	10.09	23.91	55.72	3.06
Rio San Simone3	asta_SS_3	1092	Tr200	183.39	4.10	5.90	6.53	9.63	0.001192	10.32	26.18	56.14	3.08
Rio San Simone3	asta_SS_3	1092	Tr500	210.18	4.10	5.95	6.62	9.74	0.001191	10.56	29.06	56.66	3.10
Rio San Simone3	asta_SS_3	919	Tr50	142.78	3.35	4.54	5.41	9.10	0.001646	9.57	15.78	28.19	3.51
Rio San Simone3	asta_SS_3	919	Tr100	163.10	3.35	4.62	5.53	9.21	0.001530	9.69	18.02	29.04	3.42
Rio San Simone3	asta_SS_3	919	Tr200	183.39	3.35	4.70	5.64	9.31	0.001420	9.78	20.18	29.55	3.34
Rio San Simone3	asta_SS_3	919	Tr500	210.18	3.35	4.79	5.80	9.44	0.001281	9.88	22.99	30.28	3.22
Rio San Simone3	asta_SS_3	719	Tr50	142.78	2.61	3.90	4.88	8.76	0.001461	10.73	15.91	24.77	3.45
Rio San Simone3	asta_SS_3	719	Tr100	163.10	2.61	3.99	4.97	8.89	0.001340	10.86	18.06	25.96	3.35
Rio San Simone3	asta_SS_3	719	Tr200	183.39	2.61	4.07	5.06	9.02	0.001237	10.97	20.33	27.98	3.26
Rio San Simone3	asta_SS_3	719	Tr500	210.18	2.61	4.17	5.17	9.17	0.001141	11.13	23.18	29.45	3.18
Rio San Simone3	asta_SS_3	640	Tr50	142.78	2.32	3.81	4.87	8.63	0.001571	9.73	14.67	18.08	3.45
Rio San Simone3	asta_SS_3	640	Tr100	163.10	2.32	3.92	5.04	8.77	0.001374	9.76	16.75	19.67	3.28

HEC-RAS Plan: Plan 02 Locations: User Defined (Continued)

River	Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Rio San Simone3	asta_SS_3	640	Tr200	183.39	2.32	4.02	5.17	8.90	0.001193	9.80	18.89	20.67	3.12
Rio San Simone3	asta_SS_3	640	Tr500	210.18	2.32	4.16	5.36	9.05	0.001015	9.84	21.82	22.41	2.93
Rio San Simone3	asta_SS_3	635	Tr50	142.78	2.32	2.78	3.65	8.53	0.004029	10.62	13.44	31.79	5.06
Rio San Simone3	asta_SS_3	635	Tr100	163.10	2.32	2.84	3.78	8.66	0.003449	10.69	15.26	31.94	4.79
Rio San Simone3	asta_SS_3	635	Tr200	183.39	2.32	2.90	3.89	8.79	0.003006	10.75	17.06	32.09	4.55
Rio San Simone3	asta_SS_3	635	Tr500	210.18	2.32	2.98	4.04	8.94	0.002555	10.81	19.44	32.31	4.29
Rio San Simone3	asta_SS_3	628		Bridge									
Rio San Simone3	asta_SS_3	620	Tr50	142.78	2.02	2.47	3.35	8.44	0.004298	10.83	13.19	31.77	5.21
Rio San Simone3	asta_SS_3	620	Tr100	163.10	2.02	2.53	3.47	8.59	0.003684	10.90	14.96	31.91	4.93
Rio San Simone3	asta_SS_3	620	Tr200	183.39	2.02	2.59	3.59	8.72	0.003217	10.97	16.71	32.05	4.69
Rio San Simone3	asta_SS_3	620	Tr500	210.18	2.02	2.66	3.74	8.87	0.002738	11.04	19.04	32.26	4.42
Rio San Simone3	asta_SS_3	615	Tr50	142.94	1.98	3.02	4.00	8.19	0.002063	10.07	14.19	20.52	3.87
Rio San Simone3	asta_SS_3	615	Tr100	163.27	1.98	3.11	4.13	8.32	0.002069	10.11	16.14	23.27	3.88
Rio San Simone3	asta_SS_3	615	Tr200	183.58	1.98	3.19	4.25	8.44	0.001880	10.16	18.08	24.08	3.74
Rio San Simone3	asta_SS_3	615	Tr500	210.40	1.98	3.29	4.42	8.59	0.001673	10.19	20.64	25.03	3.58
Rio San Simone3	asta_SS_3	510	Tr50	142.94	1.63	2.70	3.67	7.95	0.002300	10.15	14.08	21.90	4.04
Rio San Simone3	asta_SS_3	510	Tr100	163.27	1.63	2.79	3.80	8.09	0.002103	10.20	16.00	23.09	3.91
Rio San Simone3	asta_SS_3	510	Tr200	183.58	1.63	2.87	3.92	8.23	0.001925	10.26	17.89	23.92	3.79
Rio San Simone3	asta_SS_3	510	Tr500	210.40	1.63	2.97	4.07	8.39	0.001734	10.32	20.39	24.99	3.65
Rio San Simone3	asta_SS_3	410	Tr50	142.94	0.89	4.42	2.57	4.44	0.000001	0.67	242.04	100.00	0.13
Rio San Simone3	asta_SS_3	410	Tr100	163.27	0.89	4.68	2.62	4.70	0.000001	0.69	267.36	100.00	0.12
Rio San Simone3	asta_SS_3	410	Tr200	183.58	0.89	4.87	2.62	4.89	0.000001	0.72	286.76	100.00	0.13
Rio San Simone3	asta_SS_3	410	Tr500	210.40	0.89	5.13	2.70	5.15	0.000001	0.76	312.26	100.00	0.13
Rio San Simone3	asta_SS_3	210	Tr50	142.94	0.82	4.34	2.71	4.43	0.000006	1.45	111.57	40.19	0.26
Rio San Simone3	asta_SS_3	210	Tr100	163.27	0.82	4.59	2.82	4.69	0.000006	1.52	121.39	40.19	0.26
Rio San Simone3	asta_SS_3	210	Tr200	183.58	0.82	4.77	2.92	4.88	0.000006	1.61	128.72	40.19	0.27
Rio San Simone3	asta_SS_3	210	Tr500	210.40	0.82	5.01	3.05	5.14	0.000006	1.72	138.37	40.19	0.28
Rio San Simone3	asta_SS_3	10	Tr50	142.94	0.60	4.40	1.49	4.41	0.000000	0.43	341.01	100.00	0.07
Rio San Simone3	asta_SS_3	10	Tr100	163.27	0.60	4.65	1.56	4.66	0.000000	0.46	366.00	100.00	0.08
Rio San Simone3	asta_SS_3	10	Tr200	183.58	0.60	4.84	1.62	4.85	0.000001	0.50	384.99	100.00	0.08

HEC-RAS Plan: Plan 02 Locations: User Defined (Continued)

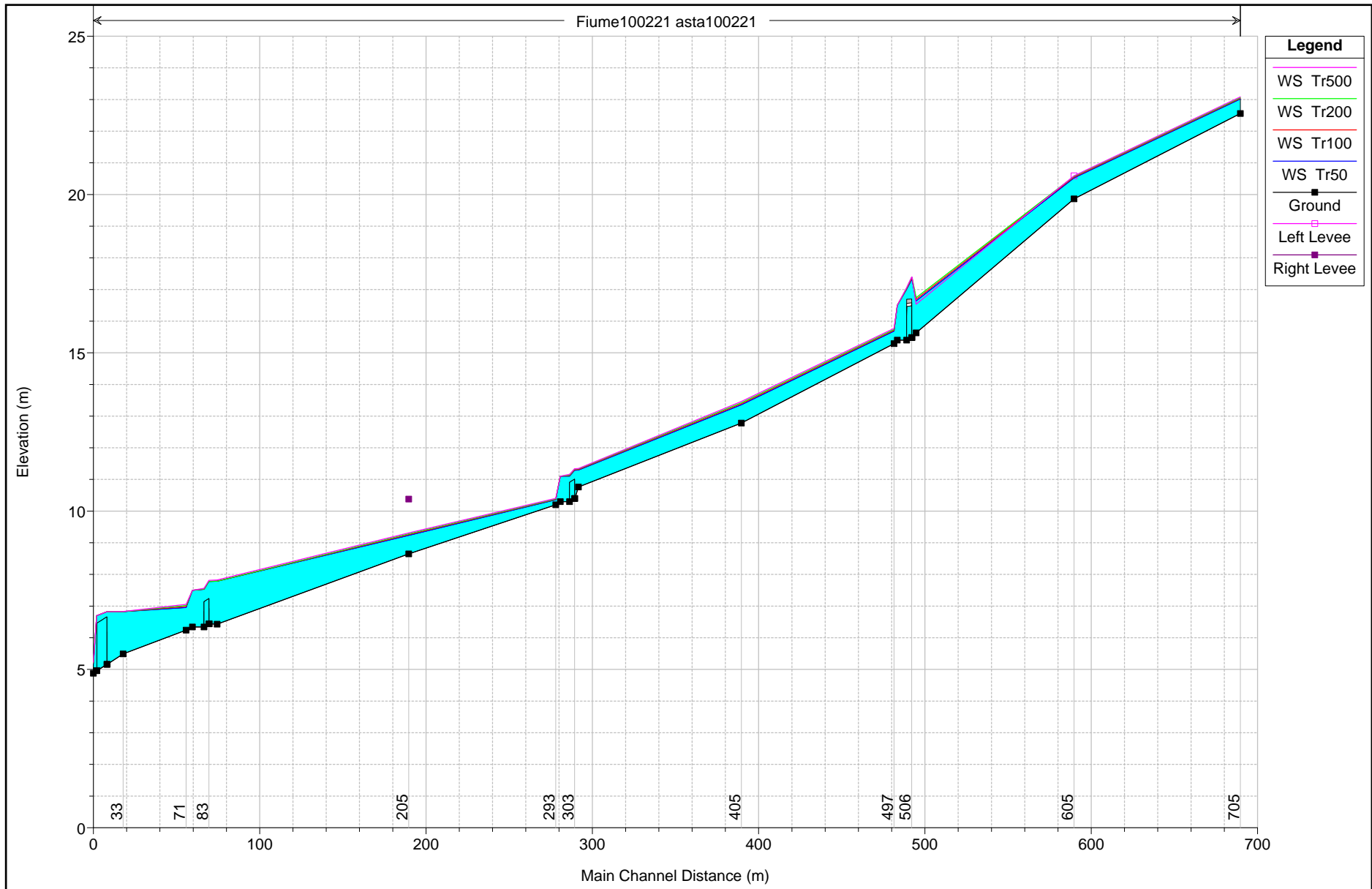
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				(m ³ /s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m ²)	(m)	
Rio San Simone3	asta_SS_3	10	Tr500	210.40	0.60	5.09	1.69	5.10	0.000001	0.54	409.99	100.00	0.08

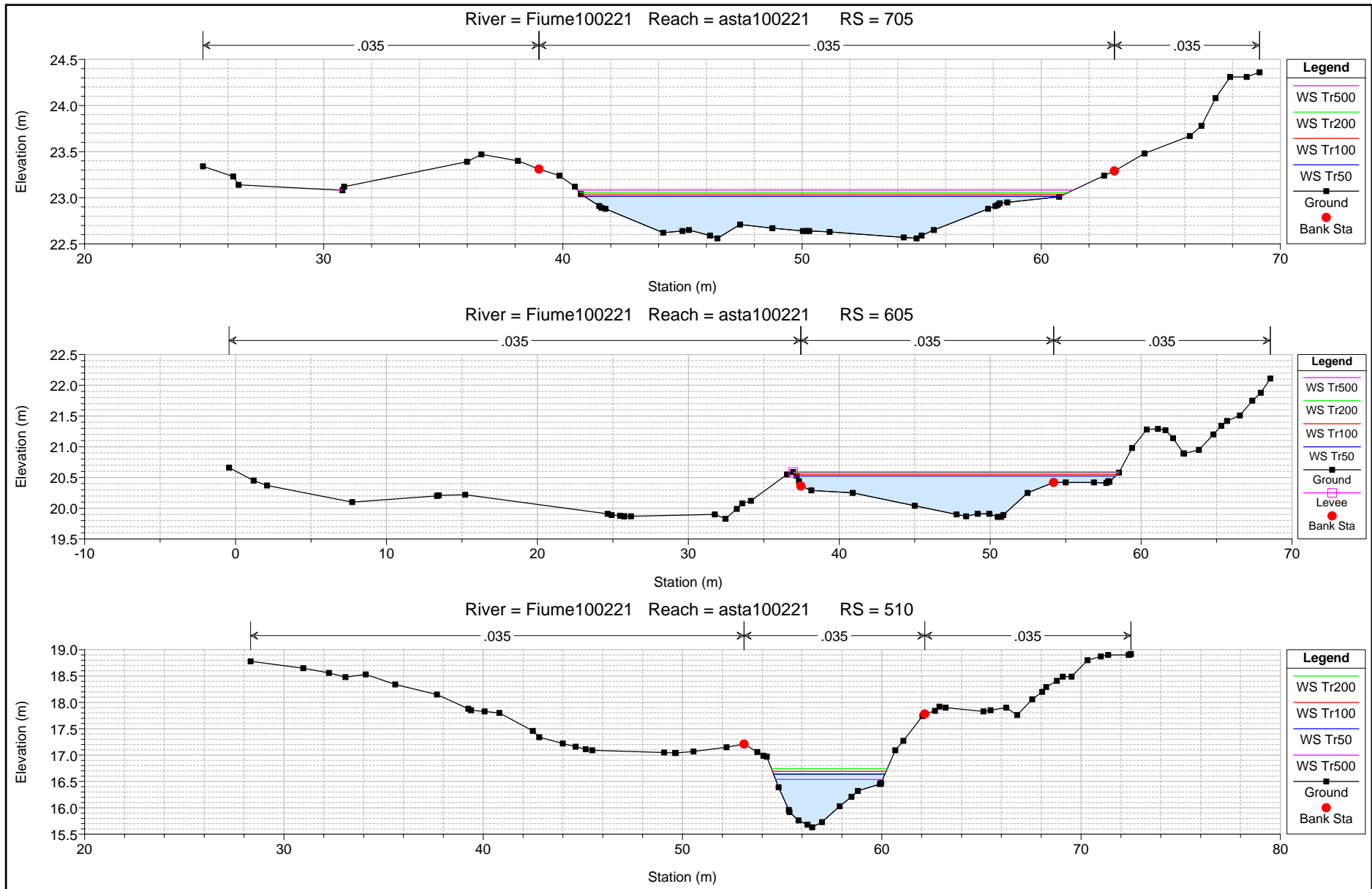
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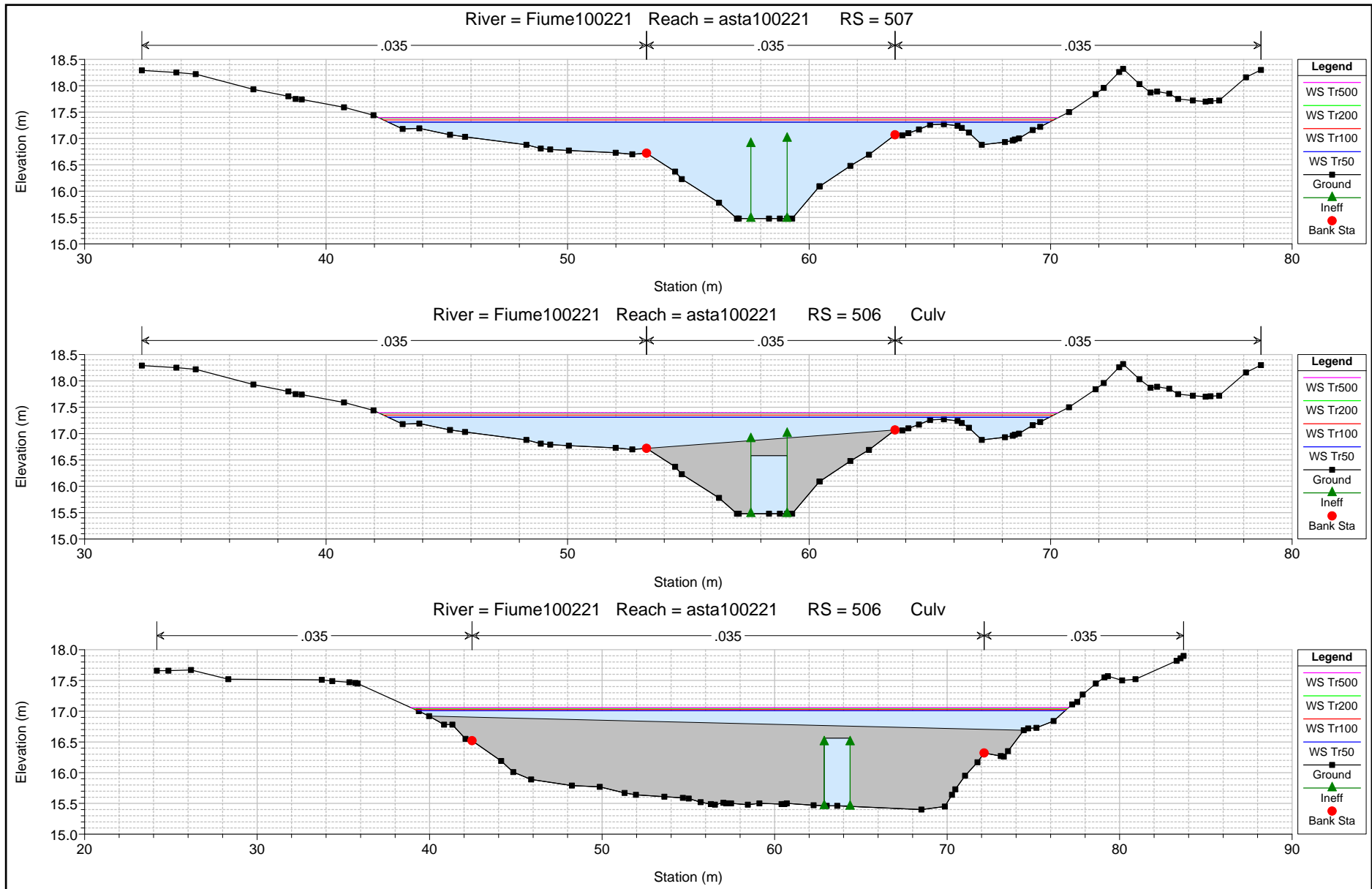
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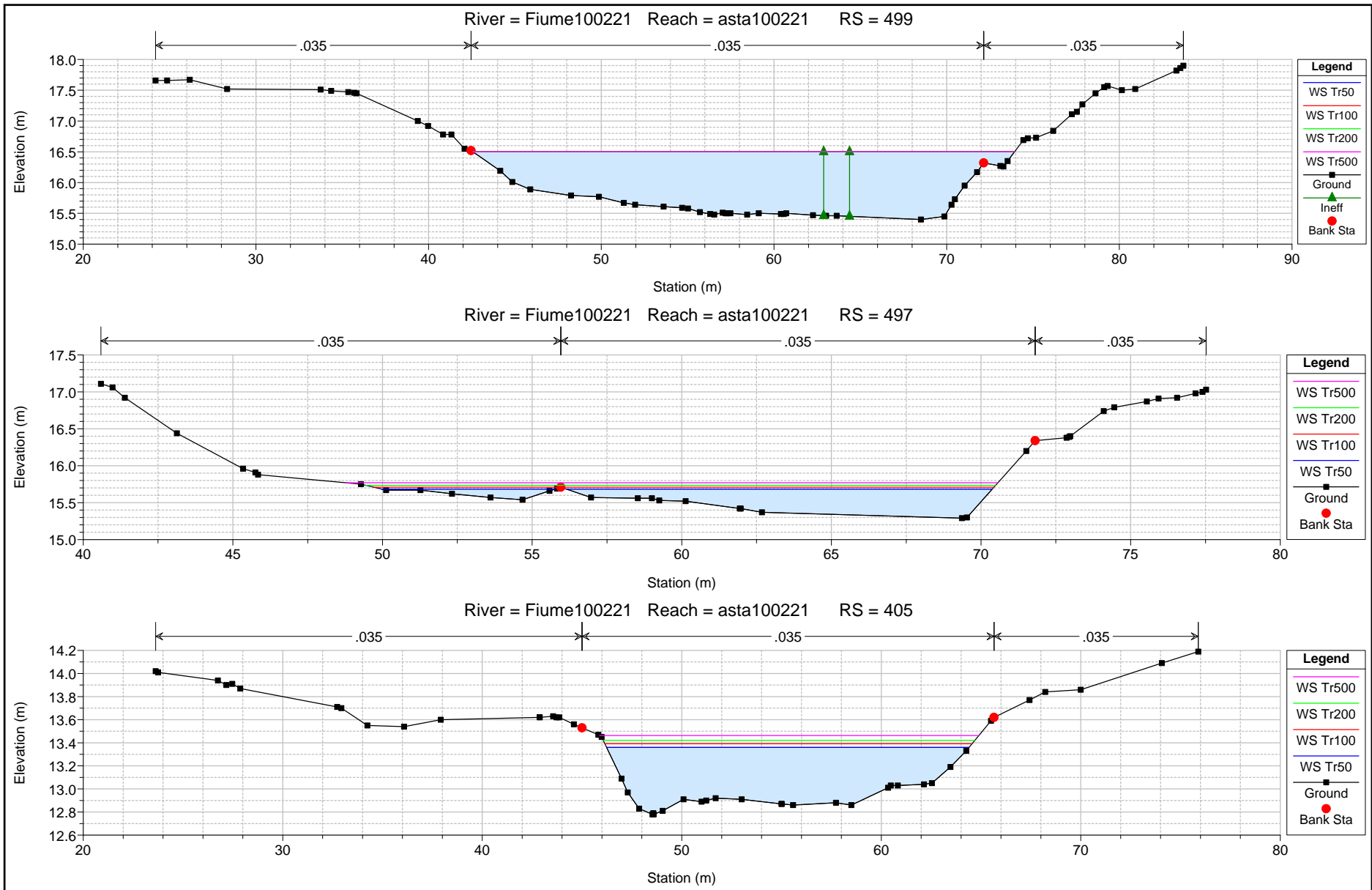
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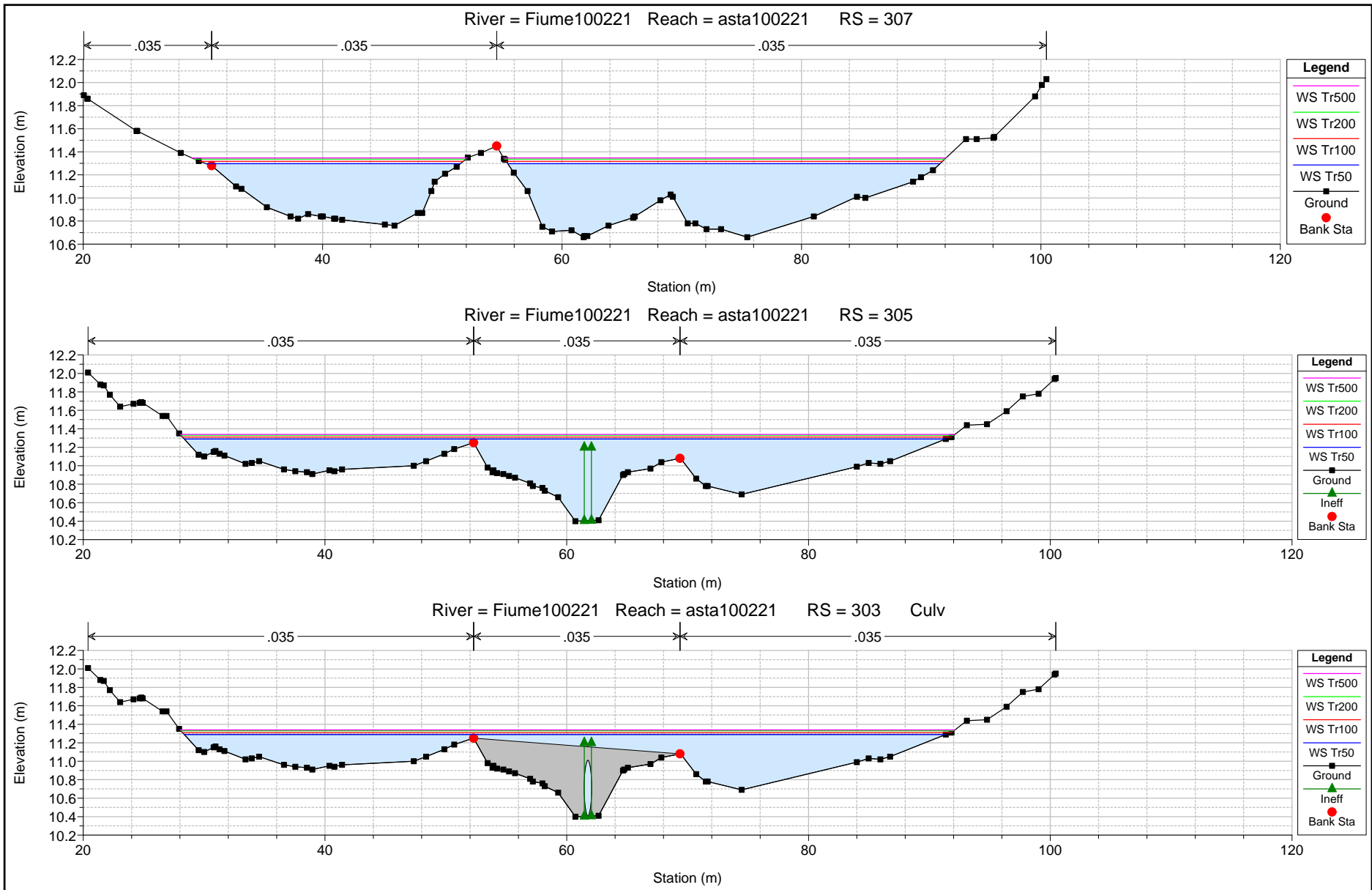
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 - Sezioni
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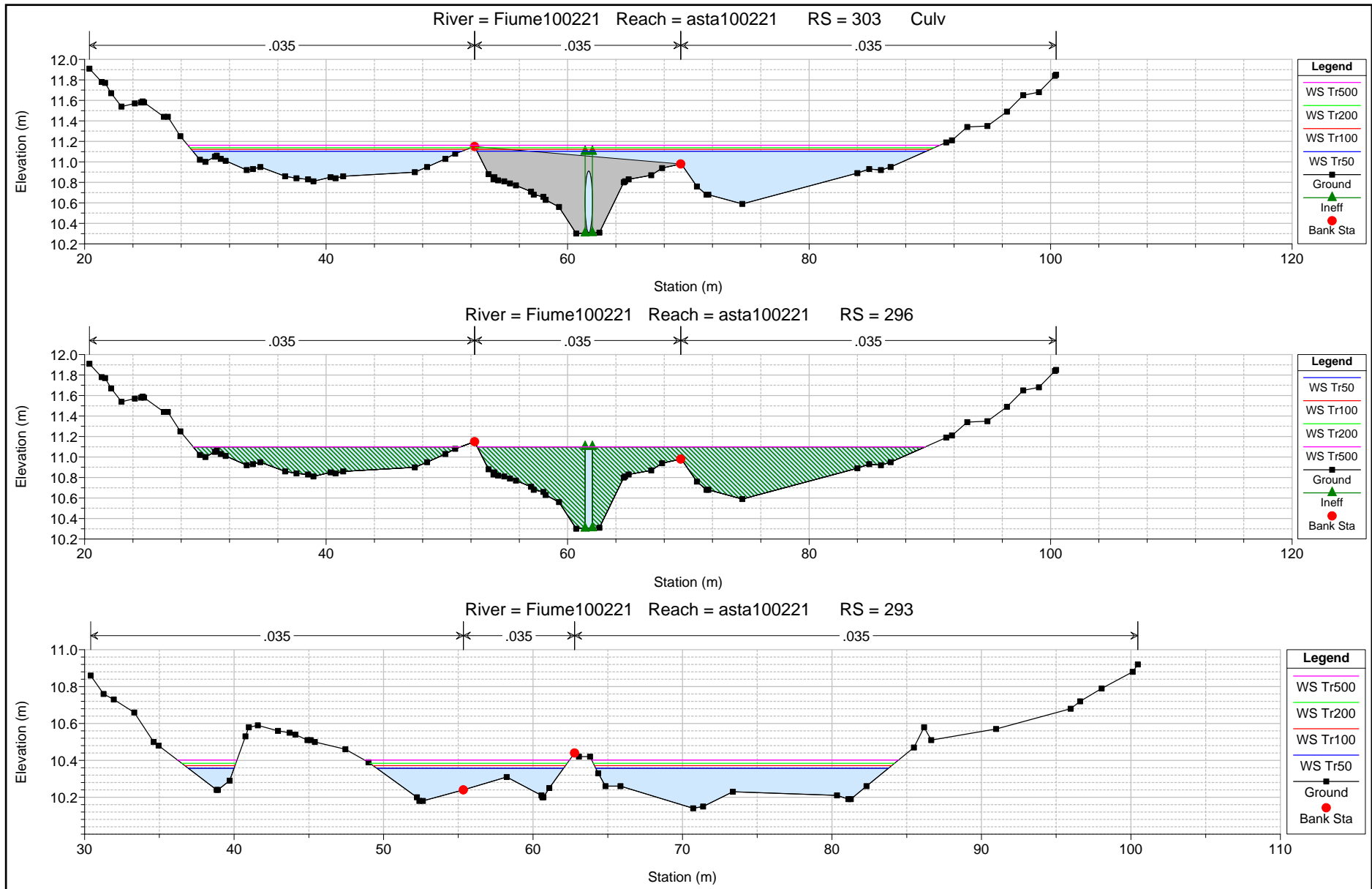


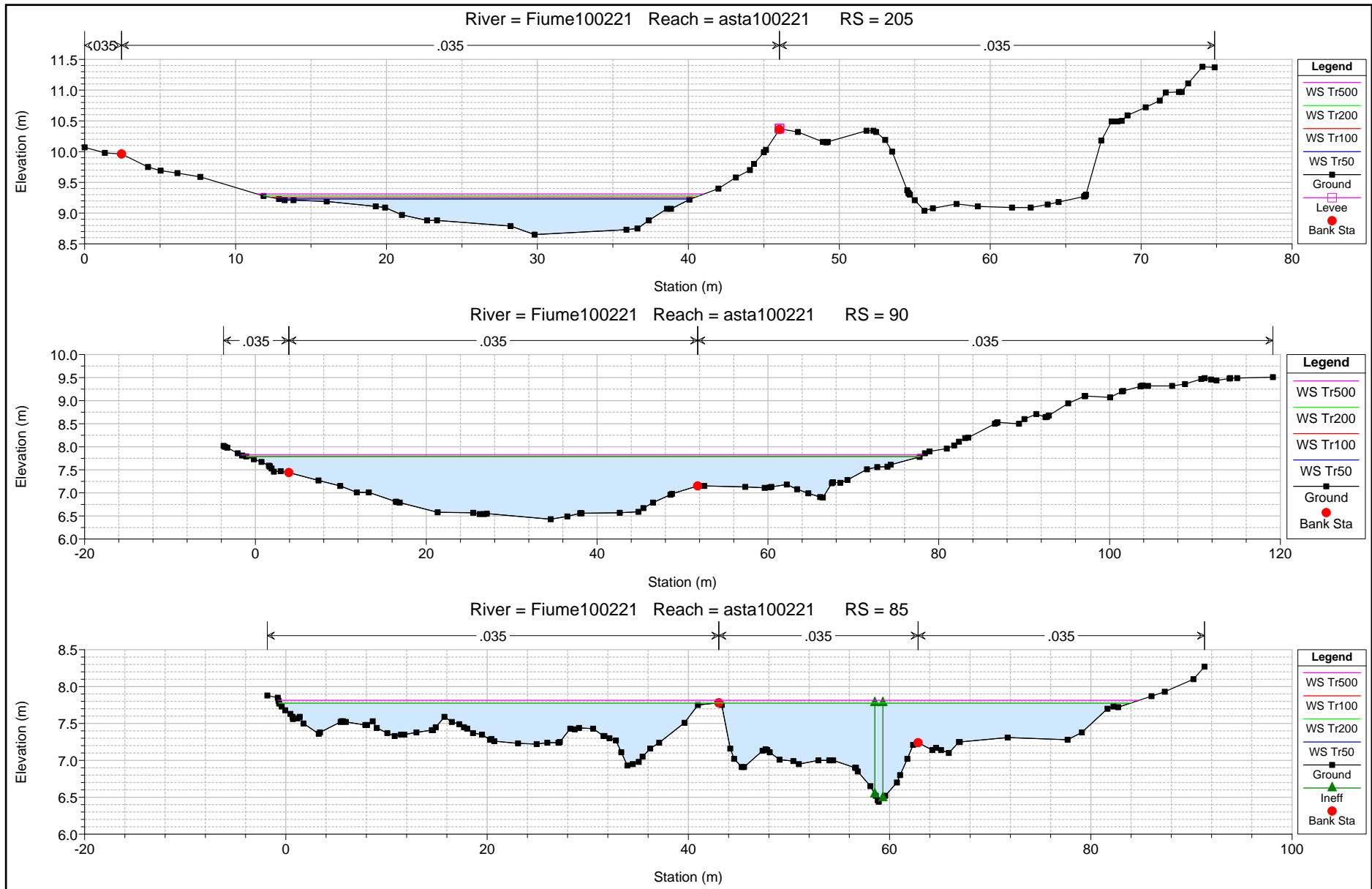


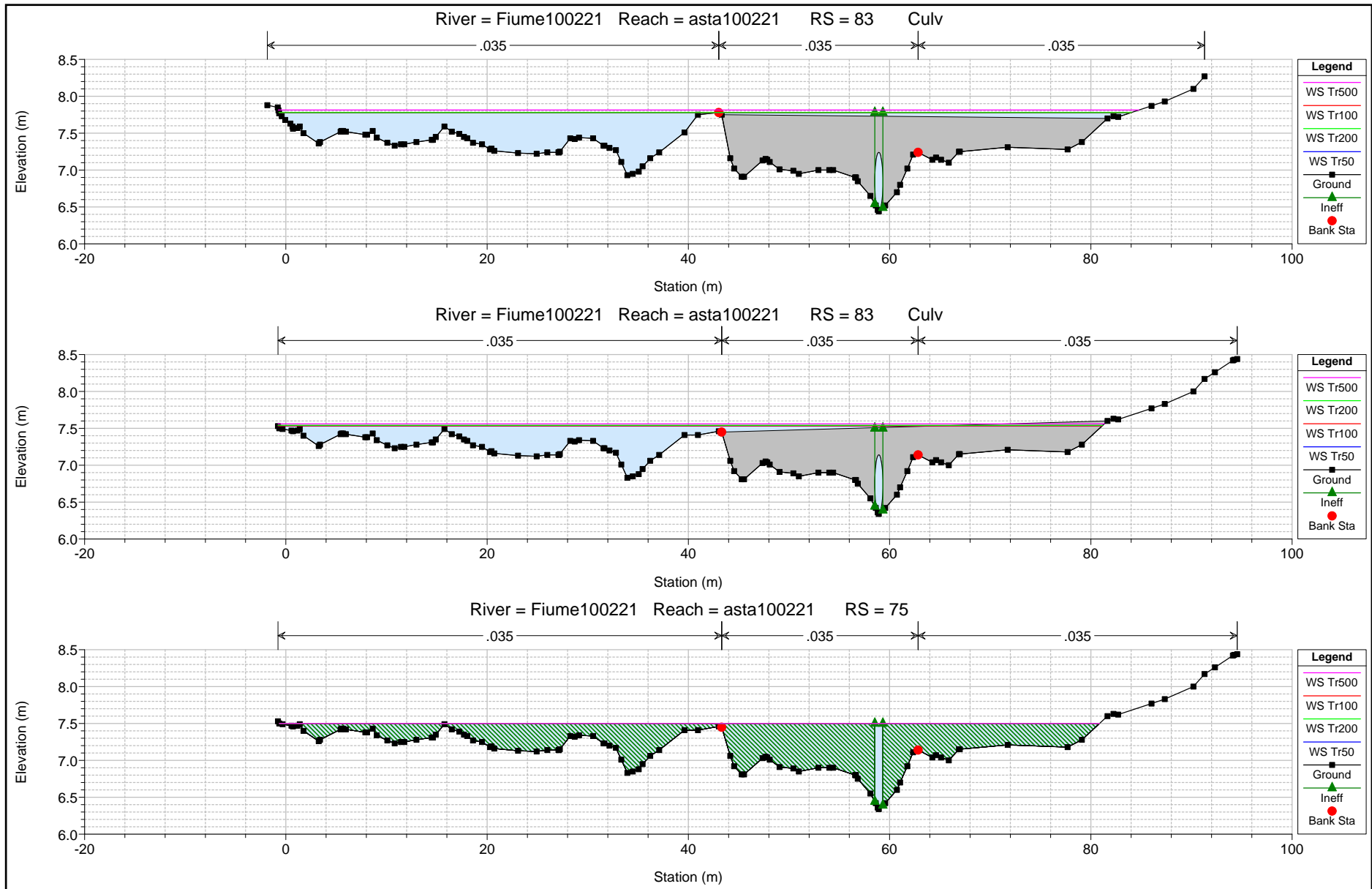


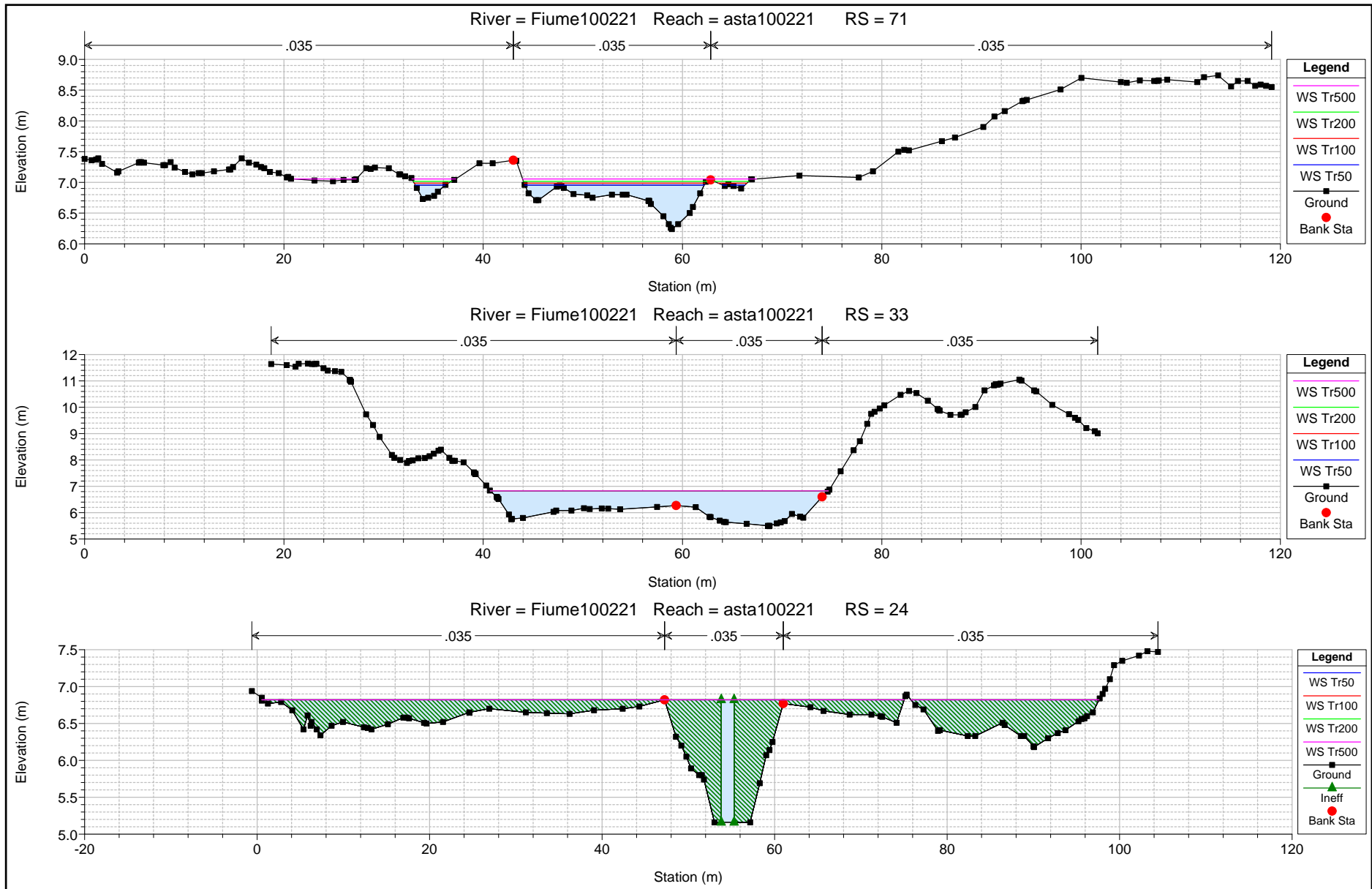


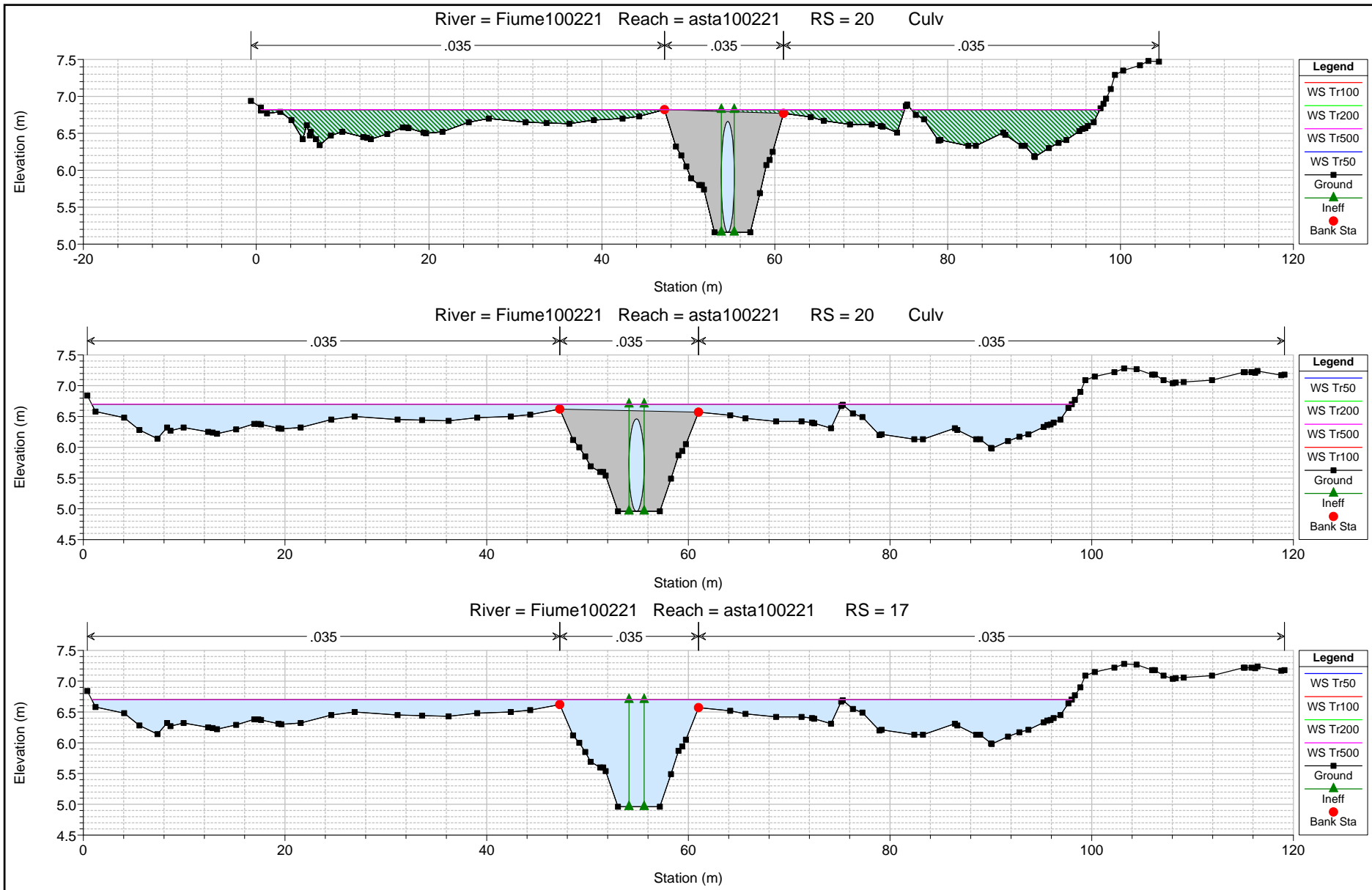


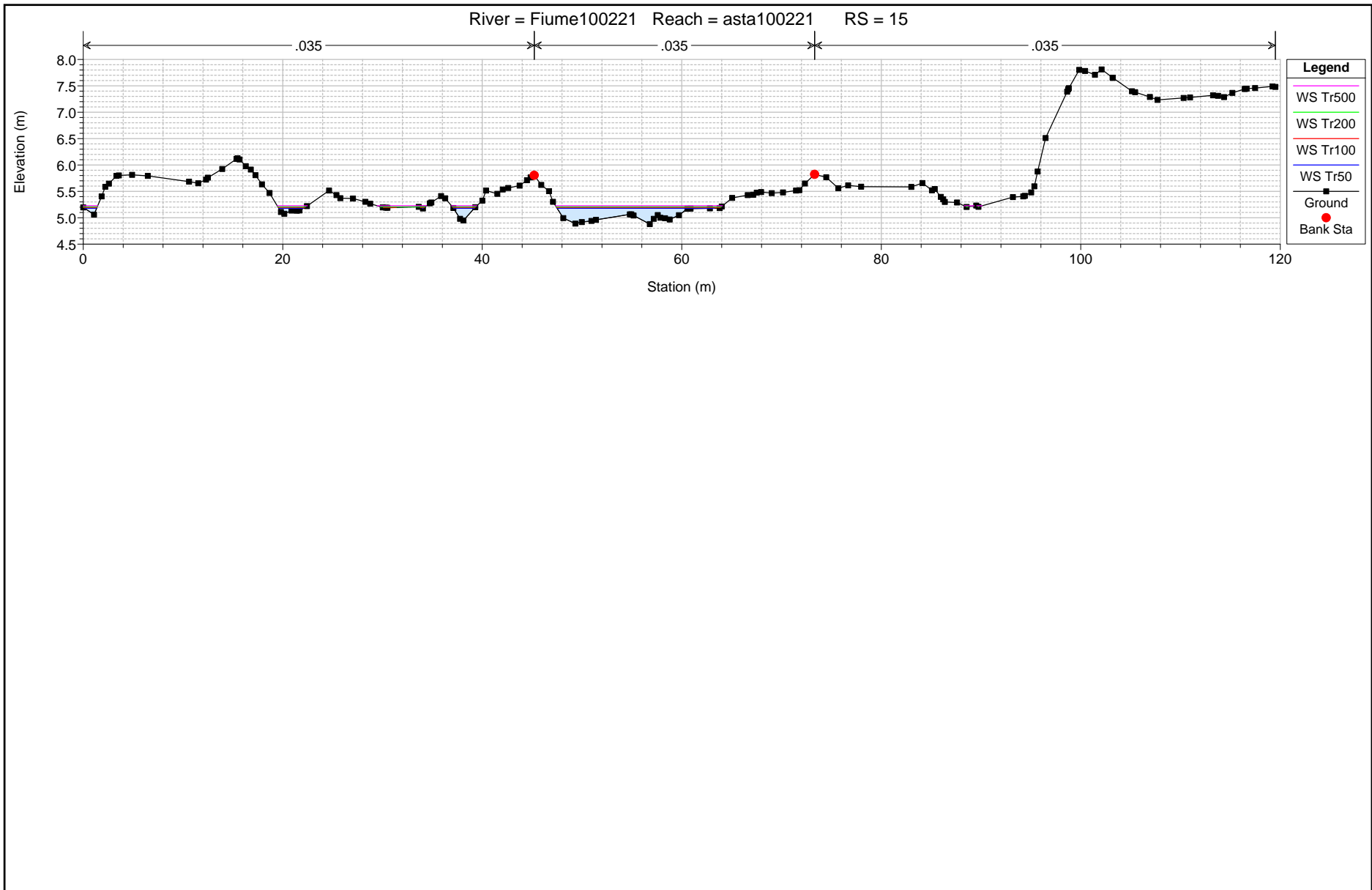












HEC-RAS Plan: Plan 02 Locations: User Defined

River	Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Fiume100221	asta100221	705	Tr50	15.01	22.56	23.02	23.11	23.35	0.041058	2.56	5.87	19.93	1.50
Fiume100221	asta100221	705	Tr100	16.68	22.56	23.04	23.16	23.40	0.041030	2.65	6.29	20.22	1.52
Fiume100221	asta100221	705	Tr200	18.34	22.56	23.06	23.20	23.44	0.041026	2.74	6.69	20.45	1.53
Fiume100221	asta100221	705	Tr500	20.57	22.56	23.08	23.23	23.50	0.041039	2.85	7.21	20.96	1.55
Fiume100221	asta100221	605	Tr50	15.01	19.86	20.53	20.55	20.75	0.017593	2.11	7.40	21.12	1.04
Fiume100221	asta100221	605	Tr100	16.68	19.86	20.55	20.59	20.79	0.017619	2.19	7.93	21.31	1.05
Fiume100221	asta100221	605	Tr200	18.34	19.86	20.57	20.59	20.83	0.017634	2.27	8.44	21.50	1.06
Fiume100221	asta100221	605	Tr500	20.57	19.86	20.59	20.59	20.62	0.002105	0.80	26.27	58.44	0.37
Fiume100221	asta100221	510	Tr50	15.01	15.63	16.64	16.99	17.77	0.064559	4.71	3.18	5.59	1.99
Fiume100221	asta100221	510	Tr100	16.68	15.63	16.69	17.19	17.86	0.061228	4.79	3.48	5.70	1.96
Fiume100221	asta100221	510	Tr200	18.34	15.63	16.74	17.25	17.95	0.058375	4.86	3.77	5.81	1.93
Fiume100221	asta100221	510	Tr500	20.57	15.63	16.54	17.31	19.66	0.215291	7.83	2.63	5.37	3.57
Fiume100221	asta100221	507	Tr50	15.01	15.48	17.31	17.00	17.36	0.000975	0.99	18.19	27.40	0.29
Fiume100221	asta100221	507	Tr100	16.68	15.48	17.35	16.92	17.40	0.001042	1.05	19.27	27.75	0.30
Fiume100221	asta100221	507	Tr200	18.34	15.48	17.39	16.99	17.44	0.001106	1.10	20.28	28.07	0.31
Fiume100221	asta100221	507	Tr500	20.57	15.48	17.39	17.00	17.46	0.001353	1.22	20.51	28.14	0.34
Fiume100221	asta100221	506		Culvert									
Fiume100221	asta100221	499	Tr50	15.01	15.40	16.50	16.50	16.52	0.000560	0.60	25.23	31.37	0.21
Fiume100221	asta100221	499	Tr100	16.68	15.40	16.50	16.50	16.52	0.000692	0.67	25.23	31.37	0.23
Fiume100221	asta100221	499	Tr200	18.34	15.40	16.50	16.50	16.53	0.000836	0.73	25.23	31.37	0.25
Fiume100221	asta100221	499	Tr500	20.57	15.40	16.50	16.50	16.53	0.001052	0.82	25.23	31.37	0.29
Fiume100221	asta100221	497	Tr50	15.01	15.29	15.68	15.89	16.44	0.115870	3.92	4.06	20.05	2.47
Fiume100221	asta100221	497	Tr100	16.68	15.29	15.71	15.92	16.45	0.102961	3.89	4.58	20.73	2.35
Fiume100221	asta100221	497	Tr200	18.34	15.29	15.74	15.94	16.45	0.090752	3.86	5.10	21.05	2.24
Fiume100221	asta100221	497	Tr500	20.57	15.29	15.77	15.97	16.46	0.077508	3.82	5.83	21.79	2.10
Fiume100221	asta100221	405	Tr50	15.01	12.78	13.36	13.36	13.57	0.016687	2.02	7.42	18.17	1.01
Fiume100221	asta100221	405	Tr100	16.68	12.78	13.39	13.39	13.61	0.016292	2.08	8.01	18.41	1.01
Fiume100221	asta100221	405	Tr200	18.34	12.78	13.42	13.42	13.66	0.016122	2.15	8.55	18.63	1.01
Fiume100221	asta100221	405	Tr500	20.57	12.78	13.46	13.46	13.71	0.015528	2.20	9.34	19.02	1.00
Fiume100221	asta100221	307	Tr50	15.01	10.76	11.30	11.05	11.32	0.001813	0.62	22.73	57.34	0.33
Fiume100221	asta100221	307	Tr100	16.68	10.76	11.32	11.07	11.34	0.001918	0.66	23.93	58.47	0.34
Fiume100221	asta100221	307	Tr200	18.34	10.76	11.34	11.08	11.36	0.002021	0.69	25.05	59.47	0.35

HEC-RAS Plan: Plan 02 Locations: User Defined (Continued)

River	Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m ²)	Top Width (m)	Froude # Chl
Fiume100221	asta100221	307	Tr500	20.57	10.76	11.35	11.11	11.38	0.002362	0.76	25.68	60.01	0.38
Fiume100221	asta100221	305	Tr50	15.01	10.40	11.29	11.20	11.31	0.002024	0.79	22.44	63.01	0.36
Fiume100221	asta100221	305	Tr100	16.68	10.40	11.31	11.20	11.34	0.002113	0.83	23.74	63.63	0.37
Fiume100221	asta100221	305	Tr200	18.34	10.40	11.33	11.20	11.36	0.002187	0.87	24.96	63.95	0.38
Fiume100221	asta100221	305	Tr500	20.57	10.40	11.34	11.20	11.37	0.002556	0.95	25.56	64.11	0.41
Fiume100221	asta100221	303		Culvert									
Fiume100221	asta100221	296	Tr50	15.01	10.30	11.10	11.10	11.14	0.004629	1.06	16.90	59.28	0.53
Fiume100221	asta100221	296	Tr100	16.68	10.30	11.10	11.10	11.15	0.005716	1.18	16.90	59.28	0.59
Fiume100221	asta100221	296	Tr200	18.34	10.30	11.10	11.10	11.17	0.006910	1.29	16.90	59.28	0.65
Fiume100221	asta100221	296	Tr500	20.57	10.30	11.10	11.10	11.18	0.008693	1.45	16.90	59.28	0.73
Fiume100221	asta100221	293	Tr50	15.01	10.20	10.36	10.51	11.04	0.262242	2.89	4.16	35.15	3.11
Fiume100221	asta100221	293	Tr100	16.68	10.20	10.37	10.53	11.05	0.231599	2.96	4.65	36.09	2.99
Fiume100221	asta100221	293	Tr200	18.34	10.20	10.38	10.54	11.05	0.208973	3.02	5.13	36.99	2.89
Fiume100221	asta100221	293	Tr500	20.57	10.20	10.40	10.58	11.06	0.183898	3.08	5.80	38.24	2.77
Fiume100221	asta100221	205	Tr50	15.01	8.65	9.23	9.23	9.39	0.017575	1.75	8.59	27.37	1.00
Fiume100221	asta100221	205	Tr100	16.68	8.65	9.26	9.26	9.42	0.017275	1.79	9.31	28.17	1.00
Fiume100221	asta100221	205	Tr200	18.34	8.65	9.28	9.28	9.45	0.017174	1.84	9.97	28.88	1.00
Fiume100221	asta100221	205	Tr500	20.57	8.65	9.31	9.31	9.49	0.016802	1.89	10.86	29.62	1.00
Fiume100221	asta100221	90	Tr50	15.01	6.43	7.79	6.86	7.79	0.000080	0.26	63.56	78.80	0.08
Fiume100221	asta100221	90	Tr100	16.68	6.43	7.79	6.89	7.79	0.000098	0.29	63.67	78.83	0.09
Fiume100221	asta100221	90	Tr200	18.34	6.43	7.79	6.91	7.79	0.000118	0.32	63.78	78.86	0.10
Fiume100221	asta100221	90	Tr500	20.57	6.43	7.82	6.93	7.83	0.000131	0.34	66.49	79.77	0.11
Fiume100221	asta100221	85	Tr50	15.01	6.44	7.78	7.78	7.79	0.000340	0.46	42.56	84.73	0.16
Fiume100221	asta100221	85	Tr100	16.68	6.44	7.78	7.78	7.79	0.000420	0.51	42.56	84.73	0.18
Fiume100221	asta100221	85	Tr200	18.34	6.44	7.78	7.78	7.79	0.000508	0.56	42.56	84.73	0.20
Fiume100221	asta100221	85	Tr500	20.57	6.44	7.81	7.78	7.83	0.000527	0.58	45.43	85.54	0.20
Fiume100221	asta100221	83		Culvert									
Fiume100221	asta100221	75	Tr50	15.01	6.34	7.50	7.50	7.52	0.001075	0.70	28.58	81.51	0.28
Fiume100221	asta100221	75	Tr100	16.68	6.34	7.50	7.50	7.52	0.001327	0.78	28.58	81.51	0.31
Fiume100221	asta100221	75	Tr200	18.34	6.34	7.50	7.50	7.53	0.001605	0.86	28.58	81.51	0.34
Fiume100221	asta100221	75	Tr500	20.57	6.34	7.50	7.50	7.53	0.002017	0.96	28.58	81.51	0.38

HEC-RAS Plan: Plan 02 Locations: User Defined (Continued)

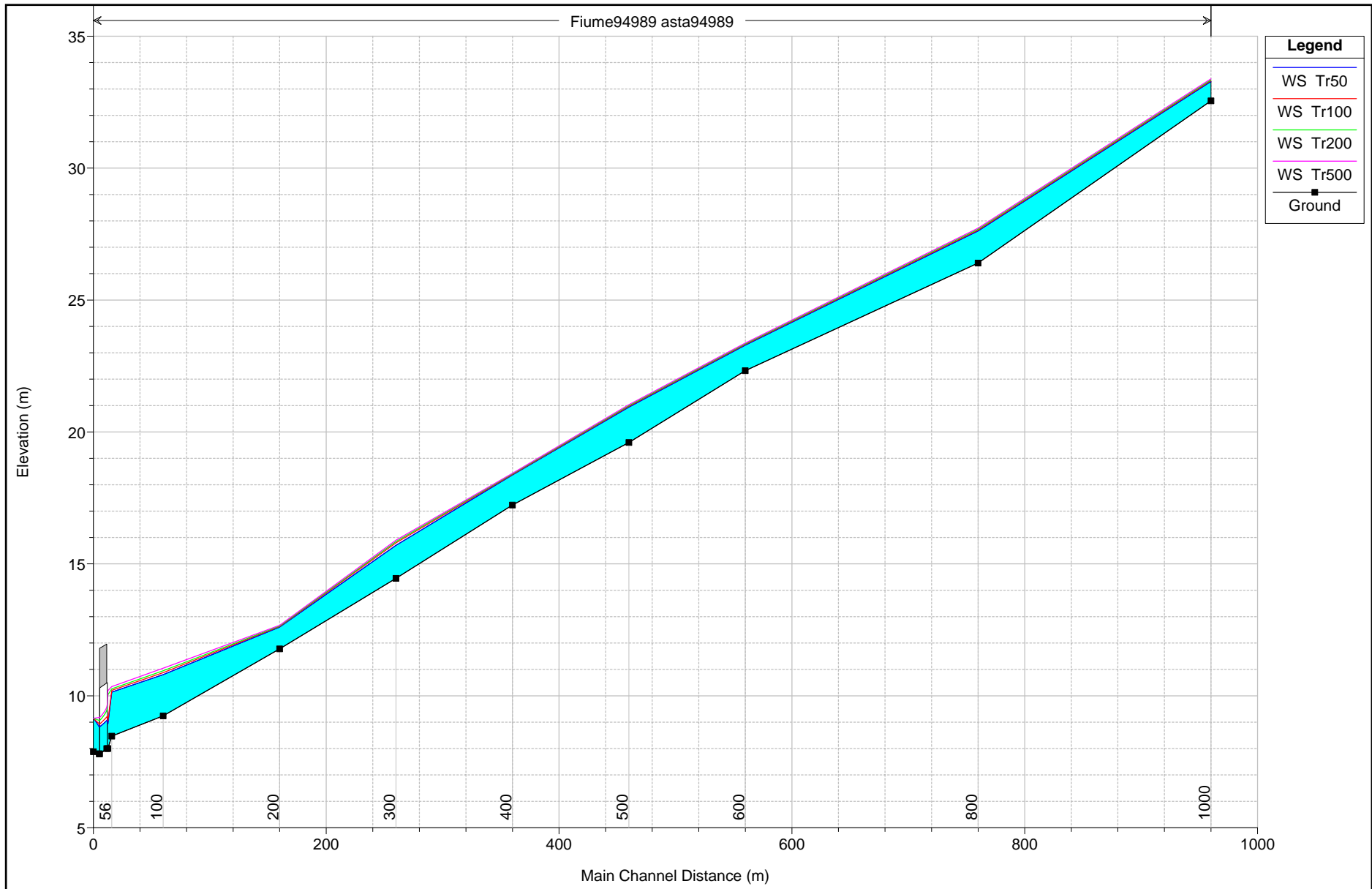
River	Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Fiume100221	asta100221	71	Tr50	15.01	6.24	6.96	7.13	7.46	0.081773	3.18	4.88	22.86	2.05
Fiume100221	asta100221	71	Tr100	16.68	6.24	6.99	7.16	7.46	0.068253	3.12	5.60	24.46	1.91
Fiume100221	asta100221	71	Tr200	18.34	6.24	7.02	7.18	7.47	0.057603	3.05	6.36	25.79	1.78
Fiume100221	asta100221	71	Tr500	20.57	6.24	7.06	7.21	7.47	0.047815	2.97	7.53	34.08	1.65
Fiume100221	asta100221	33	Tr50	15.01	5.49	6.82	6.27	6.84	0.000464	0.60	27.64	33.91	0.19
Fiume100221	asta100221	33	Tr100	16.68	5.49	6.83	6.29	6.84	0.000570	0.67	27.68	33.92	0.21
Fiume100221	asta100221	33	Tr200	18.34	5.49	6.83	6.31	6.85	0.000686	0.73	27.72	33.93	0.24
Fiume100221	asta100221	33	Tr500	20.57	5.49	6.83	6.34	6.86	0.000857	0.82	27.78	33.93	0.26
Fiume100221	asta100221	24	Tr50	15.01	5.16	6.82	6.82	6.84	0.000504	0.65	35.05	96.27	0.20
Fiume100221	asta100221	24	Tr100	16.68	5.16	6.82	6.82	6.84	0.000622	0.72	35.05	96.27	0.22
Fiume100221	asta100221	24	Tr200	18.34	5.16	6.82	6.82	6.84	0.000752	0.80	35.05	96.27	0.25
Fiume100221	asta100221	24	Tr500	20.57	5.16	6.82	6.82	6.85	0.000946	0.89	35.05	96.27	0.28
Fiume100221	asta100221	20		Culvert									
Fiume100221	asta100221	17	Tr50	15.01	4.96	6.70	6.70	6.71	0.000313	0.54	42.87	97.19	0.16
Fiume100221	asta100221	17	Tr100	16.68	4.96	6.70	6.70	6.71	0.000387	0.60	42.87	97.19	0.18
Fiume100221	asta100221	17	Tr200	18.34	4.96	6.70	6.70	6.71	0.000468	0.66	42.87	97.19	0.20
Fiume100221	asta100221	17	Tr500	20.57	4.96	6.70	6.70	6.72	0.000588	0.74	42.87	97.19	0.22
Fiume100221	asta100221	15	Tr50	15.01	4.88	5.18	5.40	6.57	0.428322	5.39	2.92	21.63	4.36
Fiume100221	asta100221	15	Tr100	16.68	4.88	5.19	5.42	6.57	0.396689	5.38	3.27	24.39	4.24
Fiume100221	asta100221	15	Tr200	18.34	4.88	5.21	5.44	6.58	0.361778	5.39	3.64	27.91	4.10
Fiume100221	asta100221	15	Tr500	20.57	4.88	5.23	5.48	6.58	0.324127	5.40	4.15	30.25	3.93

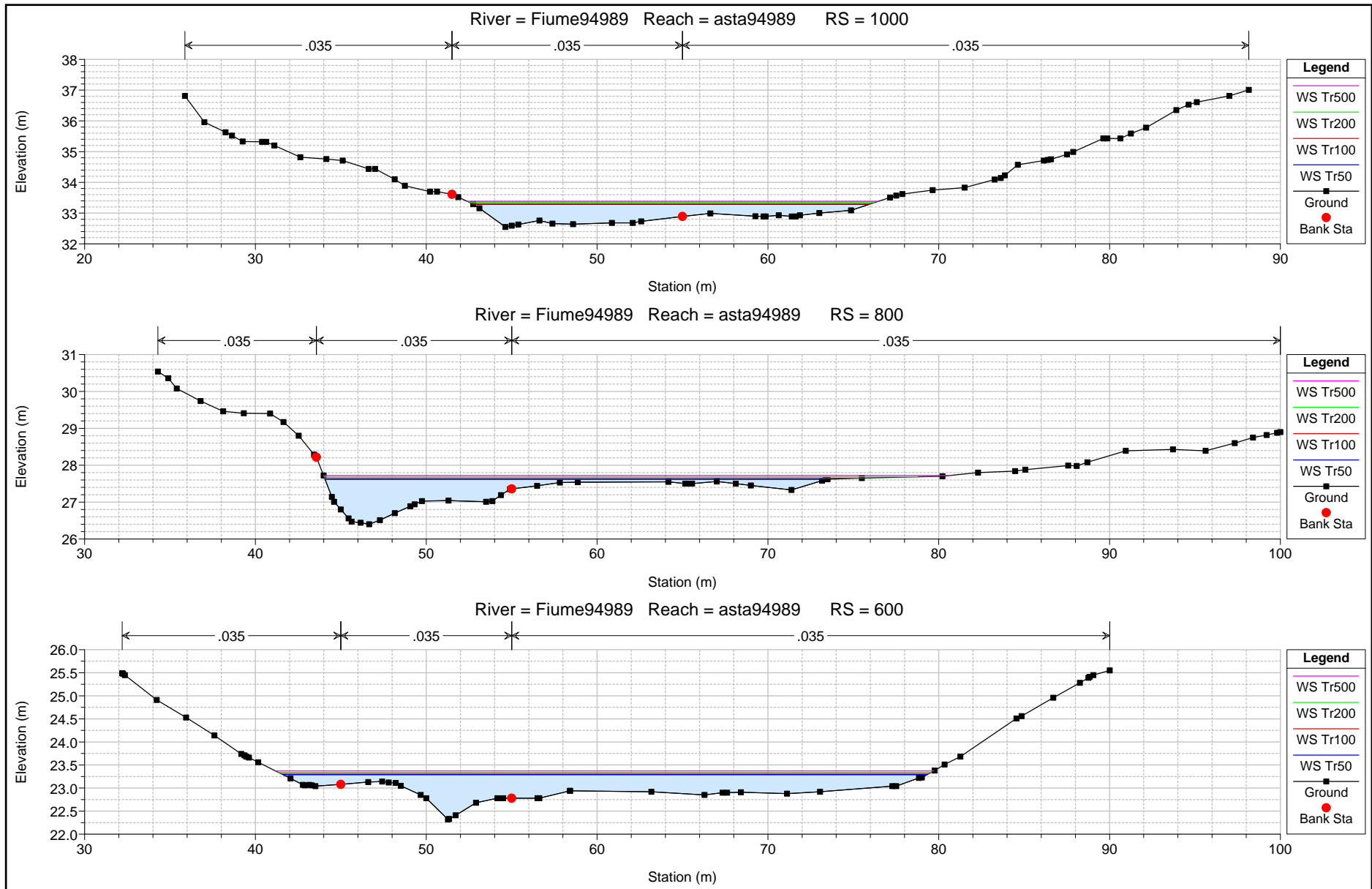
SUB BACINO 05 POSADA CEDRINO

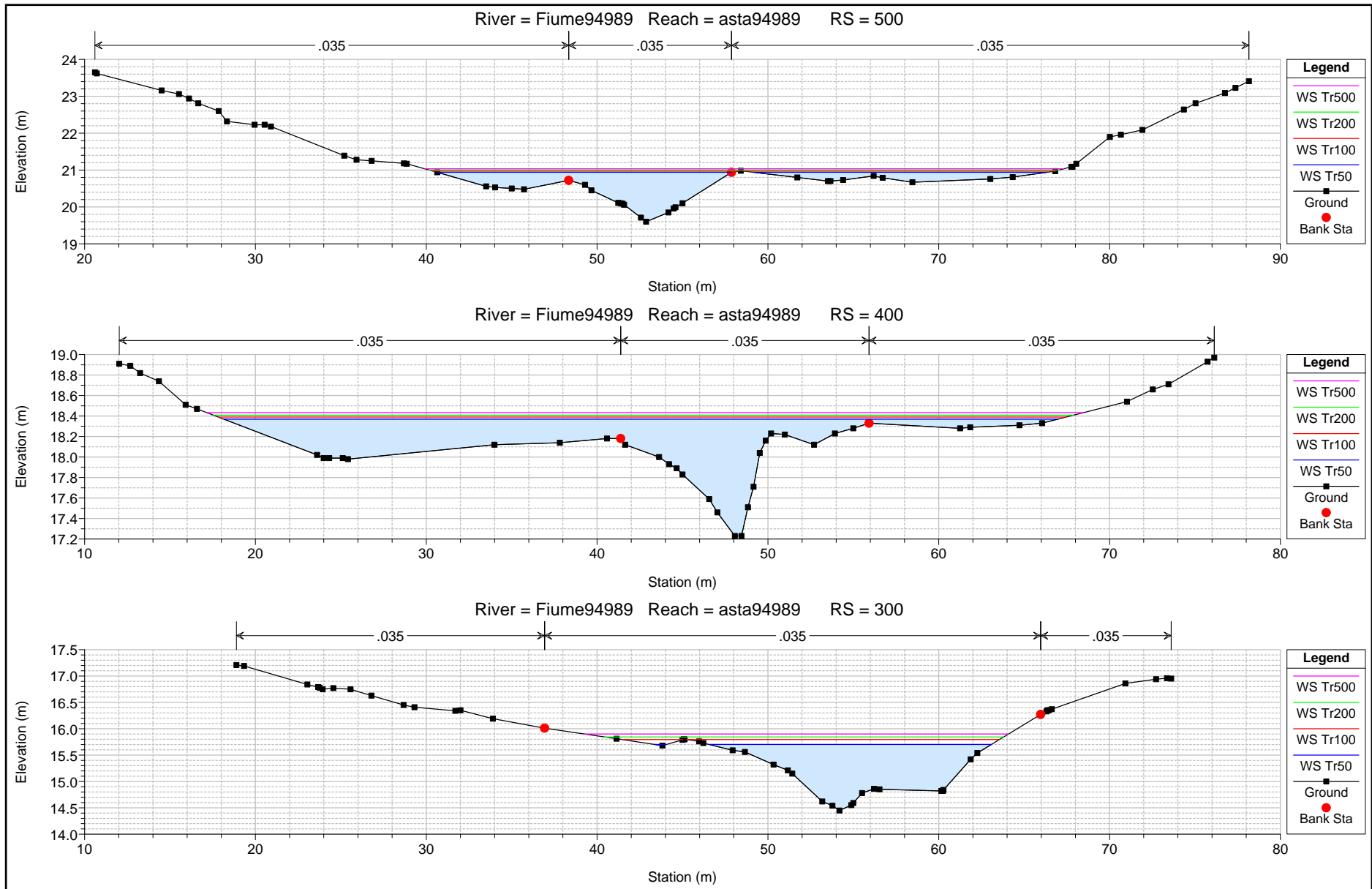
Corso d'acqua

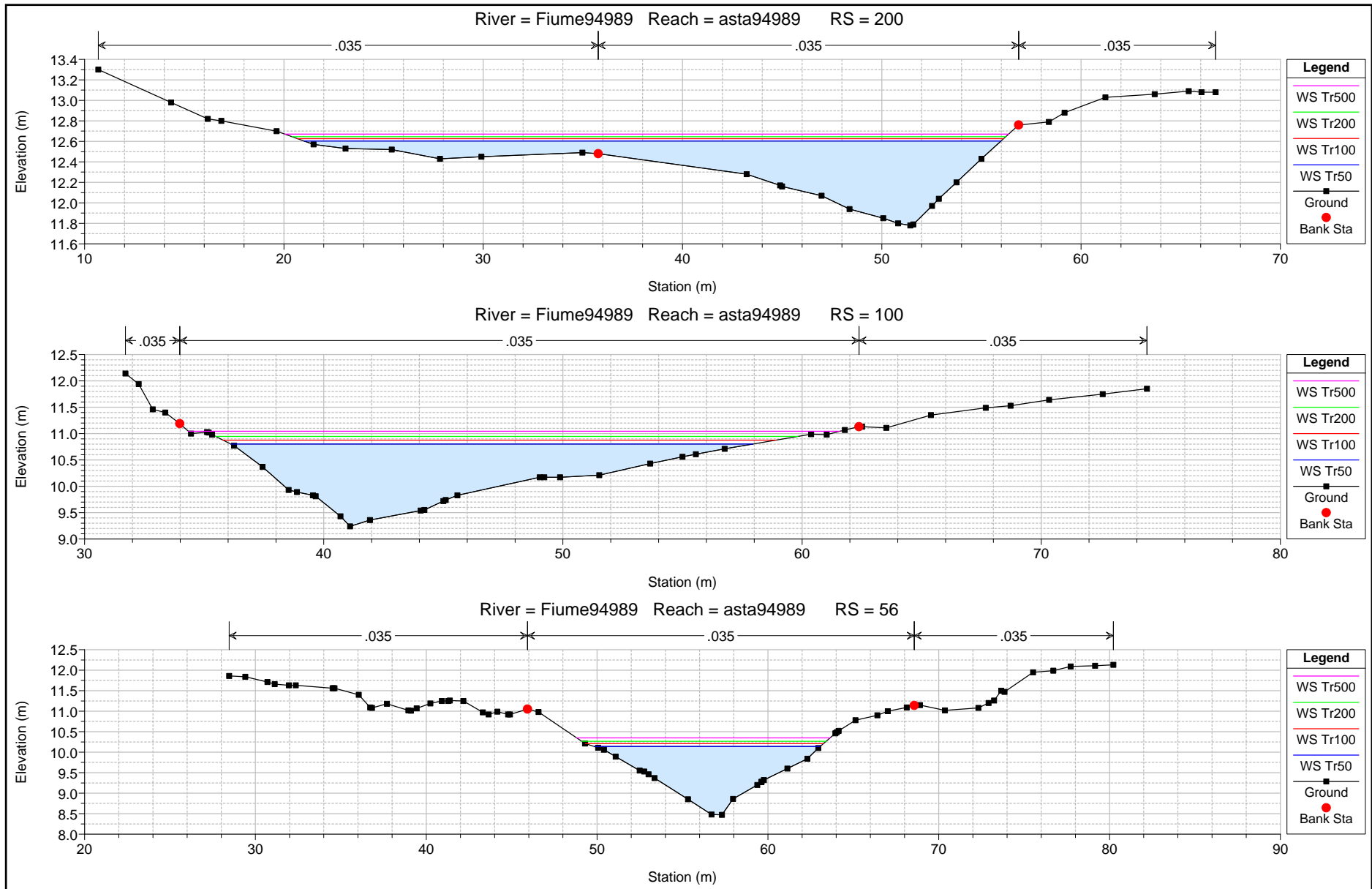
3. Fiume 94989

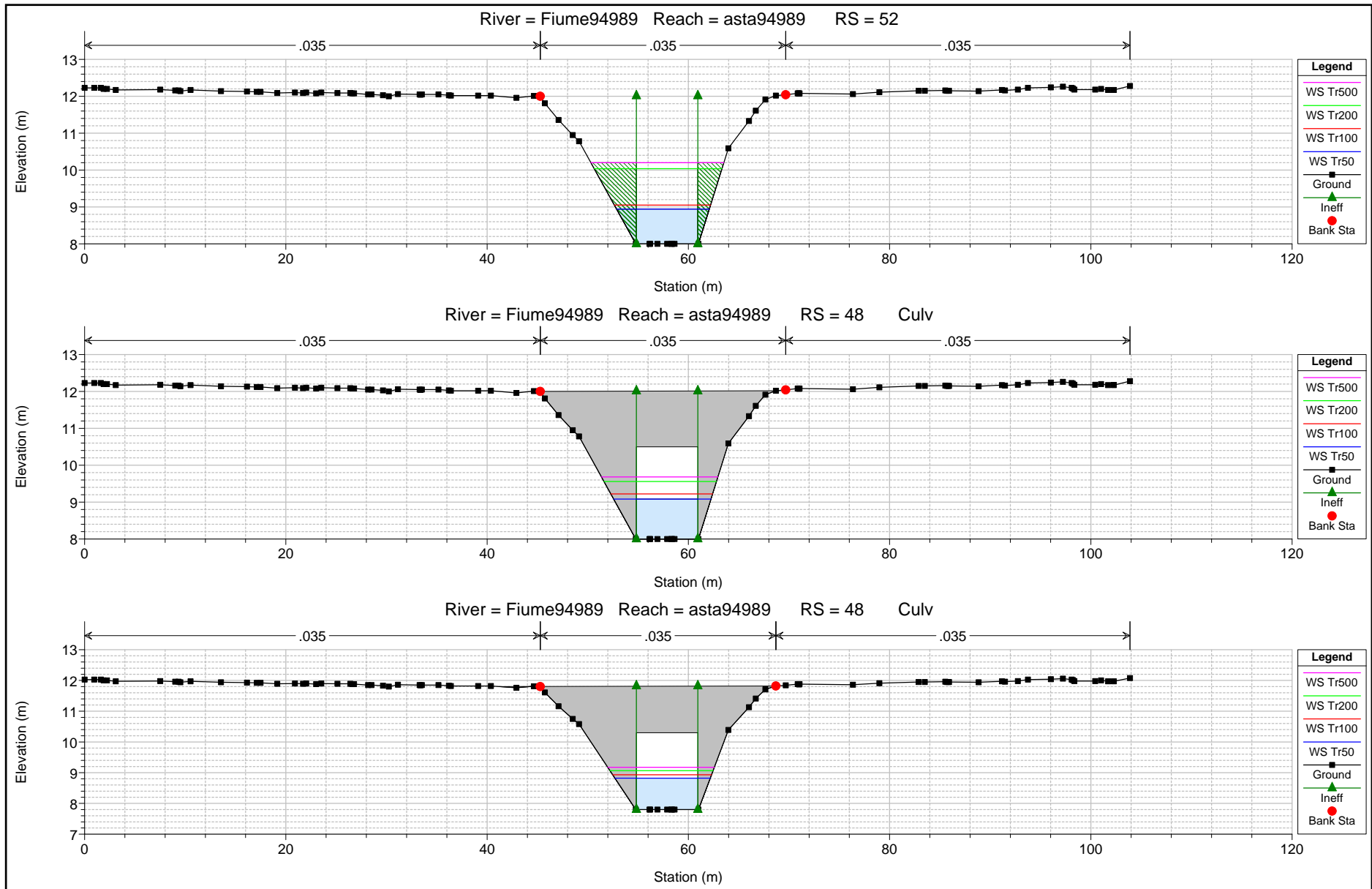
- Profilo
 - Sezioni
 - Tabelle dati
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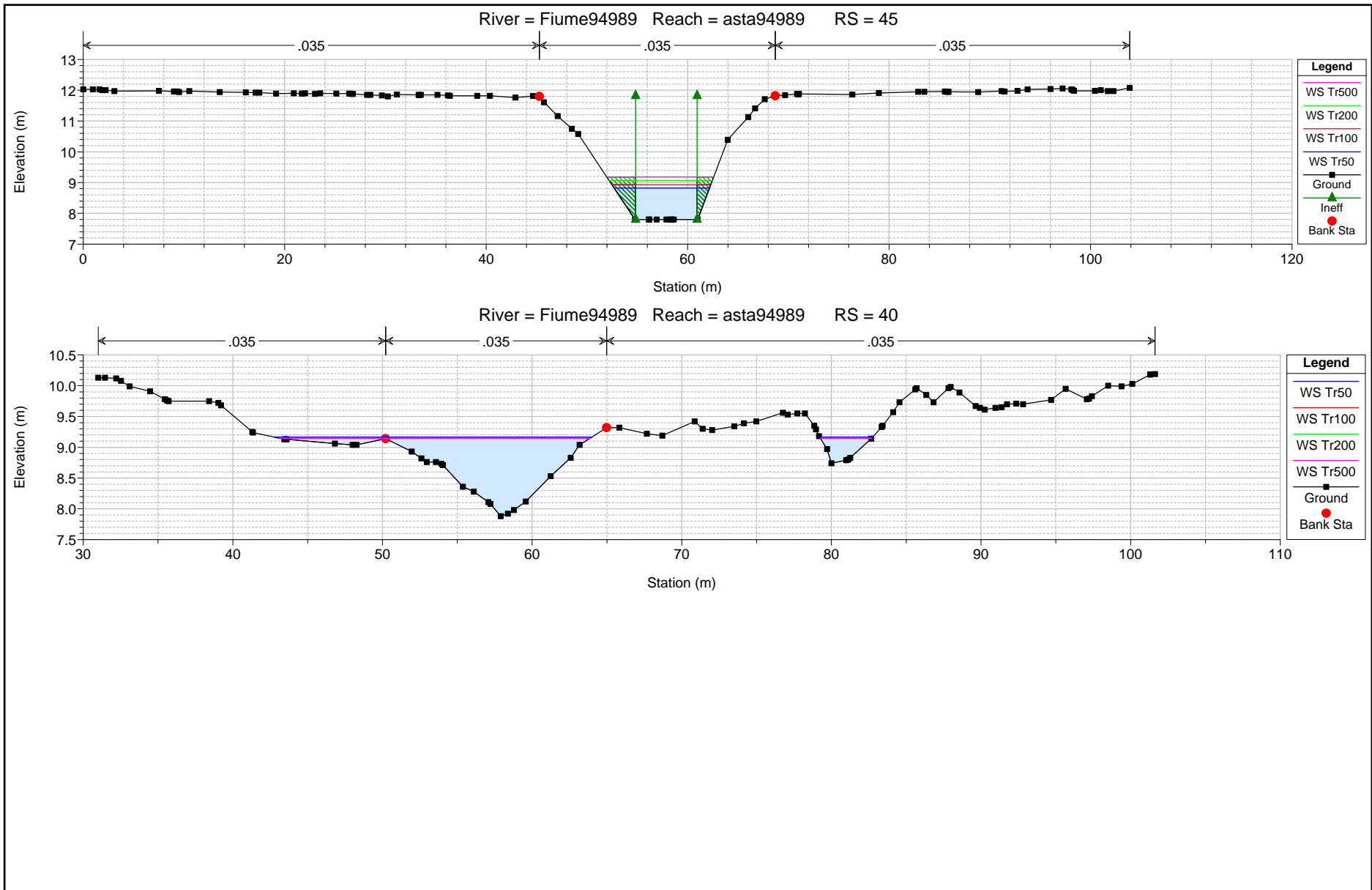












HEC-RAS Plan: Plan 02 Locations: User Defined

River	Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Fiume94989	asta94989	1000	Tr50	30.43	32.55	33.28	33.43	33.79	0.032014	3.39	10.03	23.14	1.46
Fiume94989	asta94989	1000	Tr100	33.80	32.55	33.31	33.47	33.85	0.032017	3.50	10.77	23.43	1.47
Fiume94989	asta94989	1000	Tr200	37.16	32.55	33.34	33.51	33.91	0.032017	3.60	11.48	23.71	1.48
Fiume94989	asta94989	1000	Tr500	41.68	32.55	33.38	33.56	33.99	0.032016	3.72	12.40	24.06	1.50
Fiume94989	asta94989	800	Tr50	30.43	26.40	27.62	27.81	28.20	0.024466	3.51	10.22	29.28	1.31
Fiume94989	asta94989	800	Tr100	33.80	26.40	27.65	27.86	28.25	0.024525	3.62	11.30	31.55	1.32
Fiume94989	asta94989	800	Tr200	37.16	26.40	27.68	27.89	28.31	0.024567	3.72	12.41	34.74	1.33
Fiume94989	asta94989	800	Tr500	41.68	26.40	27.72	27.92	28.37	0.024739	3.83	13.77	36.70	1.34
Fiume94989	asta94989	600	Tr50	30.43	22.32	23.29	23.33	23.54	0.020896	2.42	14.02	37.69	1.14
Fiume94989	asta94989	600	Tr100	33.80	22.32	23.32	23.36	23.58	0.020953	2.51	14.97	37.95	1.16
Fiume94989	asta94989	600	Tr200	37.16	22.32	23.34	23.39	23.63	0.021001	2.59	15.88	38.20	1.17
Fiume94989	asta94989	600	Tr500	41.68	22.32	23.37	23.42	23.68	0.020890	2.69	17.11	38.53	1.18
Fiume94989	asta94989	500	Tr50	30.43	19.60	20.94	21.08	21.38	0.022017	3.30	11.95	34.47	1.25
Fiume94989	asta94989	500	Tr100	33.80	19.60	20.97	21.11	21.43	0.021959	3.39	13.05	36.17	1.26
Fiume94989	asta94989	500	Tr200	37.16	19.60	21.00	21.15	21.47	0.021916	3.47	14.10	36.89	1.26
Fiume94989	asta94989	500	Tr500	41.68	19.60	21.03	21.17	21.53	0.022061	3.58	15.36	37.42	1.28
Fiume94989	asta94989	400	Tr50	30.43	17.23	18.37	18.47	18.70	0.032832	2.84	12.77	48.85	1.40
Fiume94989	asta94989	400	Tr100	33.80	17.23	18.39	18.49	18.74	0.033105	2.94	13.75	49.63	1.42
Fiume94989	asta94989	400	Tr200	37.16	17.23	18.41	18.52	18.78	0.033312	3.03	14.69	50.37	1.43
Fiume94989	asta94989	400	Tr500	41.68	17.23	18.43	18.55	18.83	0.033251	3.14	15.95	51.35	1.45
Fiume94989	asta94989	300	Tr50	30.43	14.45	15.70	15.83	16.14	0.020992	2.92	10.41	17.24	1.20
Fiume94989	asta94989	300	Tr100	33.80	14.45	15.79	15.88	16.19	0.020897	2.77	12.21	21.91	1.18
Fiume94989	asta94989	300	Tr200	37.16	14.45	15.84	15.92	16.24	0.020531	2.79	13.33	23.39	1.18
Fiume94989	asta94989	300	Tr500	41.68	14.45	15.90	15.98	16.31	0.020292	2.84	14.68	24.85	1.18
Fiume94989	asta94989	200	Tr50	30.43	11.78	12.60	12.77	13.14	0.045866	3.37	9.99	34.97	1.68
Fiume94989	asta94989	200	Tr100	33.80	11.78	12.63	12.80	13.20	0.045798	3.48	10.81	35.43	1.69
Fiume94989	asta94989	200	Tr200	37.16	11.78	12.65	12.84	13.25	0.046752	3.61	11.50	35.81	1.72
Fiume94989	asta94989	200	Tr500	41.68	11.78	12.67	12.87	13.32	0.047520	3.76	12.42	36.32	1.75
Fiume94989	asta94989	100	Tr50	30.43	9.24	10.80	10.62	10.99	0.007179	1.93	15.78	21.83	0.72
Fiume94989	asta94989	100	Tr100	33.80	9.24	10.88	10.68	11.07	0.006821	1.94	17.46	23.13	0.71

HEC-RAS Plan: Plan 02 Locations: User Defined (Continued)

River	Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Fiume94989	asta94989	100	Tr200	37.16	9.24	10.95	10.73	11.14	0.006493	1.94	19.15	24.36	0.70
Fiume94989	asta94989	100	Tr500	41.68	9.24	11.04	10.80	11.23	0.006296	1.93	21.64	27.23	0.69
Fiume94989	asta94989	56	Tr50	30.43	8.47	10.14	10.14	10.55	0.013503	2.83	10.76	13.22	1.00
Fiume94989	asta94989	56	Tr100	33.80	8.47	10.21	10.21	10.63	0.013514	2.89	11.71	13.95	1.01
Fiume94989	asta94989	56	Tr200	37.16	8.47	10.27	10.27	10.71	0.013503	2.97	12.53	14.32	1.01
Fiume94989	asta94989	56	Tr500	41.68	8.47	10.35	10.35	10.82	0.013081	3.03	13.75	14.85	1.01
Fiume94989	asta94989	52	Tr50	30.43	8.00	8.94	9.36	10.37	0.037216	5.30	5.75	9.22	1.74
Fiume94989	asta94989	52	Tr100	33.80	8.00	9.05	9.46	10.47	0.031839	5.27	6.41	9.57	1.64
Fiume94989	asta94989	52	Tr200	37.16	8.00	10.04	9.56	10.49	0.004246	2.99	12.42	12.70	0.67
Fiume94989	asta94989	52	Tr500	41.68	8.00	10.20	9.68	10.69	0.004139	3.11	13.41	13.22	0.67
Fiume94989	asta94989	48		Culvert									
Fiume94989	asta94989	45	Tr50	30.43	7.80	8.82	9.16	10.03	0.028132	4.87	6.25	9.48	1.54
Fiume94989	asta94989	45	Tr100	33.80	7.80	8.93	9.26	10.15	0.024959	4.90	6.90	9.82	1.47
Fiume94989	asta94989	45	Tr200	37.16	7.80	9.07	9.36	10.24	0.020640	4.81	7.73	10.25	1.36
Fiume94989	asta94989	45	Tr500	41.68	7.80	9.18	9.48	10.43	0.019675	4.96	8.40	10.60	1.35
Fiume94989	asta94989	40	Tr50	30.43	7.88	9.17	9.35	9.69	0.025651	3.30	10.07	24.81	1.33
Fiume94989	asta94989	40	Tr100	33.80	7.88	9.15	9.39	9.85	0.035156	3.81	9.61	24.22	1.55
Fiume94989	asta94989	40	Tr200	37.16	7.88	9.15	9.43	10.00	0.042715	4.19	9.59	24.19	1.71
Fiume94989	asta94989	40	Tr500	41.68	7.88	9.15	9.47	10.23	0.054077	4.71	9.56	24.15	1.93