IL BACINO C3.4 – SAN PASQUALE

HEC-RAS Plan:

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)	
TRCPRC	950	T 50	4.23	112.28	112.56	112.56	112.66	0.064010	1.34	3.15	17.53	1.01
TRCPRC	950	T 100	4.88	112.28	112.59	112.59	112.68	0.060284	1.38	3.53	17.97	1.00
TRCPRC	950	T 200	5.55	112.28	112.60	112.60	112.71	0.059017	1.43	3.88	18.44	1.00
TRCPRC	950	T 500	6.47	112.28	112.63	112.63	112.74	0.057528	1.49	4.34	19.06	1.00
TRCPRC	900	T 50	4.23	106.00	106.27	106.27	106.35	0.064070	1.26	3.36	20.56	0.99
TRCPRC	900	T 100	4.88	106.00	106.30	106.30	106.38	0.050359	1.23	3.96	20.89	0.90
TRCPRC	900	T 200	5.55	106.00	106.31	106.31	106.40	0.060550	1.37	4.05	20.95	0.99
TRCPRC	900	T 500	6.47	106.00	106.33	106.33	106.43	0.059219	1.43	4.51	21.46	1.00
TRCPRC	850	T 50	4.23	102.07	102.26	102.26	102.34	0.093418	1.29	3.34	24.17	1.09
TRCPRC	850	T 100	4.88	102.07	102.26	102.26	102.36	0.103924	1.40	3.53	24.34	1.16
TRCPRC	850	T 200	5.55	102.07	102.30	102.30	102.38	0.067777	1.30	4.40	26.87	0.97
TRCPRC	850	T 500	6.47	102.07	102.32	102.32	102.41	0.063914	1.35	4.95	27.21	0.95
TRCPRC	800	T 50	4.23	97.56	98.06	98.06	98.18	0.065859	1.55	2.73	11.04	1.00
TRCPRC	800	T 100	4.88	97.56	98.09	98.09	98.22	0.064590	1.60	3.06	11.69	1.00
TRCPRC	800	T 200	5.55	97.56	98.11	98.11	98.25	0.065984	1.66	3.34	12.21	1.01
TRCPRC	800	T 500	6.47	97.56	98.15	98.15	98.30	0.063236	1.70	3.81	13.04	1.00
TRCPRC	750	T 50	4.23	94.00	94.55	94.21	94.57	0.002985	0.54	7.82	14.25	0.23
TRCPRC	750	T 100	4.88	94.00	94.59	94.23	94.61	0.003143	0.58	8.41	14.26	0.24
TRCPRC	750	T 200	5.55	94.00	94.64	94.25	94.66	0.003266	0.62	9.00	14.28	0.25
TRCPRC	750	T 500	6.47	94.00	94.68	94.28	94.71	0.003507	0.67	9.68	14.30	0.26
TRCPRC	720		Bridge									
TRCPRC	700	T 50	4.23	92.21	92.77	92.74	92.87	0.049724	1.43	2.97	10.97	0.88
TRCPRC	700	T 100	4.88	92.21	92.80	92.77	92.91	0.051451	1.49	3.28	11.72	0.90
TRCPRC	700	T 200	5.55	92.21	92.82	92.80	92.94	0.050934	1.54	3.61	12.47	0.90
TRCPRC	700	T 500	6.47	92.21	92.85	92.84	92.99	0.054142	1.65	3.94	13.24	0.94
TRCPRC	650	T 50	4.23	90.10	90.46	90.46	90.55	0.043166	1.34	3.15	17.16	1.00
TRCPRC	650	T 100	4.88	90.10	90.48	90.48	90.58	0.042250	1.38	3.53	18.09	1.00
TRCPRC	650	T 200	5.55	90.10	90.50	90.50	90.61	0.042731	1.44	3.87	18.87	1.01
TRCPRC	650	T 500	6.47	90.10	90.53	90.53	90.64	0.040815	1.47	4.40	20.07	1.00
TRCPRC	600	T 50	4.23	88.00	88.13	88.13	88.19	0.049263	1.13	3.83	30.92	1.01
TRCPRC	600	T 100	4.88	88.00	88.15	88.15	88.21	0.034997	1.08	4.65	31.34	0.87
TRCPRC	600	T 200	5.55	88.00	88.15	88.15	88.23	0.047462	1.24	4.58	31.30	1.02
TRCPRC	600	T 500	6.47	88.00	88.17	88.17	88.25	0.044699	1.30	5.13	31.58	1.00
TRCPRC	550	T 50	4.23	84.45	84.82	84.82	84.92	0.042419	1.43	2.96	14.39	1.01
TRCPRC	550	T 100	4.88	84.45	84.84	84.84	84.96	0.040128	1.47	3.31	14.81	0.99
TRCPRC	550	T 200	5.55	84.45	84.87	84.87	84.99	0.039395	1.53	3.63	15.18	1.00
TRCPRC	550	T 500	6.47	84.45	84.89	84.89	85.02	0.038814	1.60	4.05	15.64	1.00
TRCPRC	500	T 50	4.23	80.00	80.30	80.30	80.43	0.056727	1.62	2.60	9.67	1.00
TRCPRC	500	T 100	4.88	80.00	80.32	80.32	80.47	0.055849	1.70	2.87	9.83	1.00
TRCPRC	500	T 200	5.55	80.00	80.35	80.35	80.51	0.054471	1.77	3.14	9.99	1.01
TRCPRC	500	T 500	6.47	80.00	80.39	80.39	80.56	0.052917	1.85	3.50	10.20	1.01
TRCPRC	450	T 50	4.23	72.00	72.33	72.33	72.49	0.047975	1.77	2.39	7.59	1.01
TRCPRC	450	T 100	4.88	72.00	72.36	72.36	72.53	0.046314	1.84	2.65	7.64	1.00
TRCPRC	450	T 200	5.55	72.00	72.39	72.39	72.58	0.045238	1.92	2.90	7.70	1.00
TRCPRC	450	T 500	6.47	72.00	72.43	72.43	72.64	0.044913	2.02	3.20	7.77	1.01
TRCPRC	400	T 50	4.23	64.00	64.65	64.65	64.86	0.047830	2.01	2.10	5.20	1.01
TRCPRC	400	T 100	4.88	64.00	64.70	64.70	64.92	0.046877	2.07	2.36	5.49	1.01
TRCPRC	400	T 200	5.55	64.00	64.74	64.74	64.97	0.046093	2.13	2.61	5.76	1.01
TRCPRC	400	T 500	6.47	64.00	64.80	64.80	65.05	0.044818	2.19	2.95	6.11	1.01
TRCPRC	351	T 50	4.23	56.00	57.10		57.18	0.009407	1.19	3.54	5.54	0.48
TRCPRC	351	T 100	4.88	56.00	57.16		57.24	0.010152	1.27	3.84	5.77	0.50
TRCPRC	351	T 200	5.55	56.00	57.22		57.31	0.010468	1.32	4.20	6.06	0.51
TRCPRC	351	T 500	6.47	56.00	57.27		57.38	0.011631	1.42	4.55	6.33	0.54
TRCPRC	300	T 50	4.23	56.00	56.15	56.15	56.22	0.054936	1.19	3.59	24.00	0.99
TRCPRC	300	T 100	4.88	56.00	56.16	56.16	56.24	0.054466	1.26	3.93	24.07	1.00
TRCPRC	300	T 200	5.55	56.00	56.17	56.17	56.27	0.058083	1.36	4.17	24.11	1.04
TRCPRC	300	T 500	6.47	56.00	56.20	56.20	56.29	0.051124	1.39	4.76	24.22	1.00
TRCPRC	249	T 50	4.23	52.00	52.20	52.20	52.30	0.053882	1.42	3.02	15.99	1.03
TRCPRC	249	T 100	4.88	52.00	52.22	52.22	52.33	0.048531	1.45	3.41	16.12	0.99
TRCPRC	249	T 200	5.55	52.00	52.24	52.24	52.35	0.047477	1.52	3.71	16.22	1.00
TRCPRC	249	T 500	6.47	52.00	52.26	52.26	52.39	0.045360	1.59	4.13	16.35	0.99
TRCPRC	200	T 50	4.23	44.00	44.52	44.52	44.72	0.041905	1.95	2.17	5.62	1.00
TRCPRC	200	T 100	4.88	44.00	44.57	44.57	44.77	0.041332	2.02	2.42	5.87	1.00
TRCPRC	200	T 200	5.55	44.00	44.61	44.61	44.83	0.040797	2.08	2.67	6.10	1.00
TRCPRC	200	T 500	6.47	44.00	44.66	44.66	44.90	0.040193	2.15	3.00	6.40	1.00
TRCPRC	150	T 50	4.23	40.00	40.45	40.45	40.64	0.051750	1.90	2.23	6.14	1.01

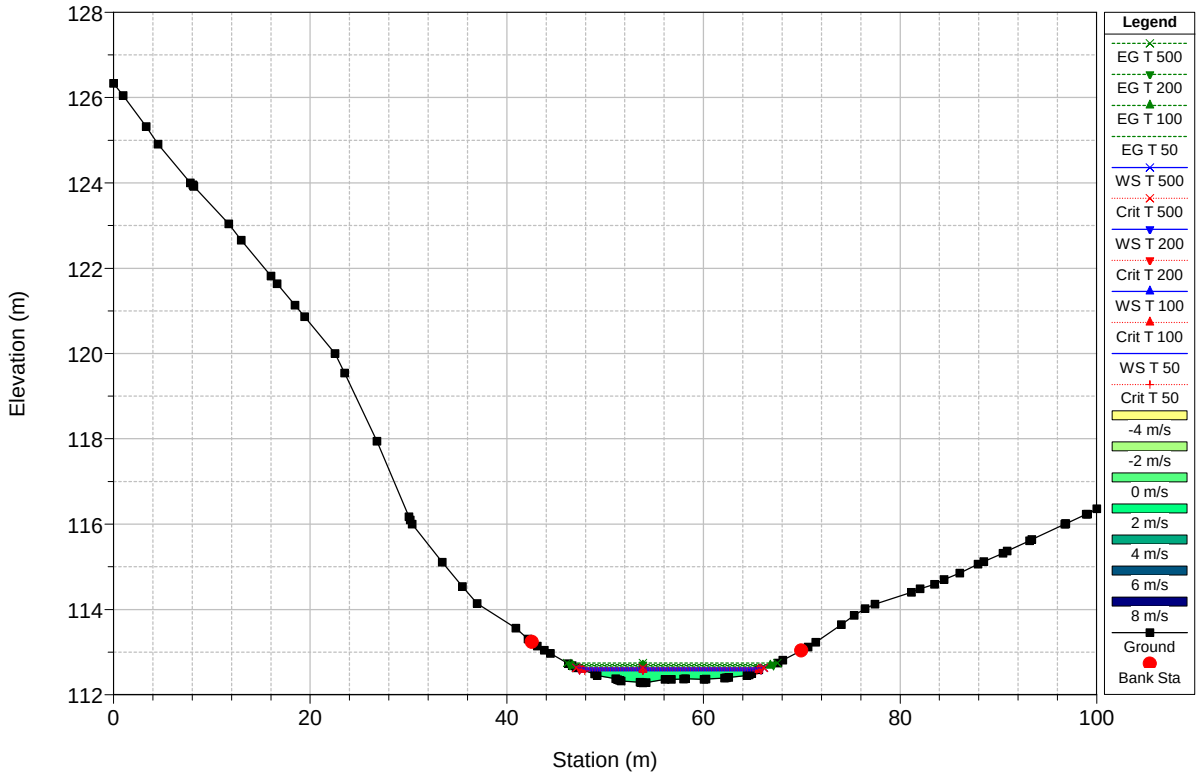
HEC-RAS Plan: (Continued)

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)	
TRCPRC	150	T 100	4.88	40.00	40.50	40.50	40.69	0.049752	1.96	2.49	6.36	1.00
TRCPRC	150	T 200	5.55	40.00	40.54	40.54	40.74	0.048618	2.02	2.74	6.57	1.00
TRCPRC	150	T 500	6.47	40.00	40.59	40.59	40.81	0.047310	2.10	3.08	6.84	1.00
TRCPRC	99	T 50	4.23	32.00	32.30	32.30	32.44	0.050580	1.64	2.58	9.38	1.00
TRCPRC	99	T 100	4.88	32.00	32.33	32.33	32.48	0.050119	1.72	2.84	9.53	1.00
TRCPRC	99	T 200	5.55	32.00	32.36	32.36	32.52	0.048614	1.78	3.12	9.68	1.00
TRCPRC	99	T 500	6.47	32.00	32.39	32.39	32.57	0.047888	1.87	3.46	9.86	1.01
TRCPRC	50	T 50	4.23	23.85	24.11	24.11	24.18	0.095333	1.20	3.57	28.96	1.07
TRCPRC	50	T 100	4.88	23.85	24.13	24.13	24.20	0.076796	1.19	4.18	29.44	0.98
TRCPRC	50	T 200	5.55	23.85	24.15	24.15	24.22	0.060553	1.16	4.89	29.98	0.89
TRCPRC	50	T 500	6.47	23.85	24.15	24.15	24.24	0.084170	1.36	4.86	29.96	1.05
TRCPRC	13	T 50	4.23	20.00	20.16	20.16	20.23	0.040014	1.31	3.66	23.21	1.05
TRCPRC	13	T 100	4.88	20.00	20.17	20.17	20.26	0.040009	1.39	4.00	23.28	1.06
TRCPRC	13	T 200	5.55	20.00	20.19	20.19	20.28	0.040005	1.46	4.32	23.36	1.07
TRCPRC	13	T 500	6.47	20.00	20.21	20.21	20.31	0.040008	1.56	4.74	23.46	1.09

C3_4HECRAS Plan: Plan 01

Geom: C3_4_SI Flow:

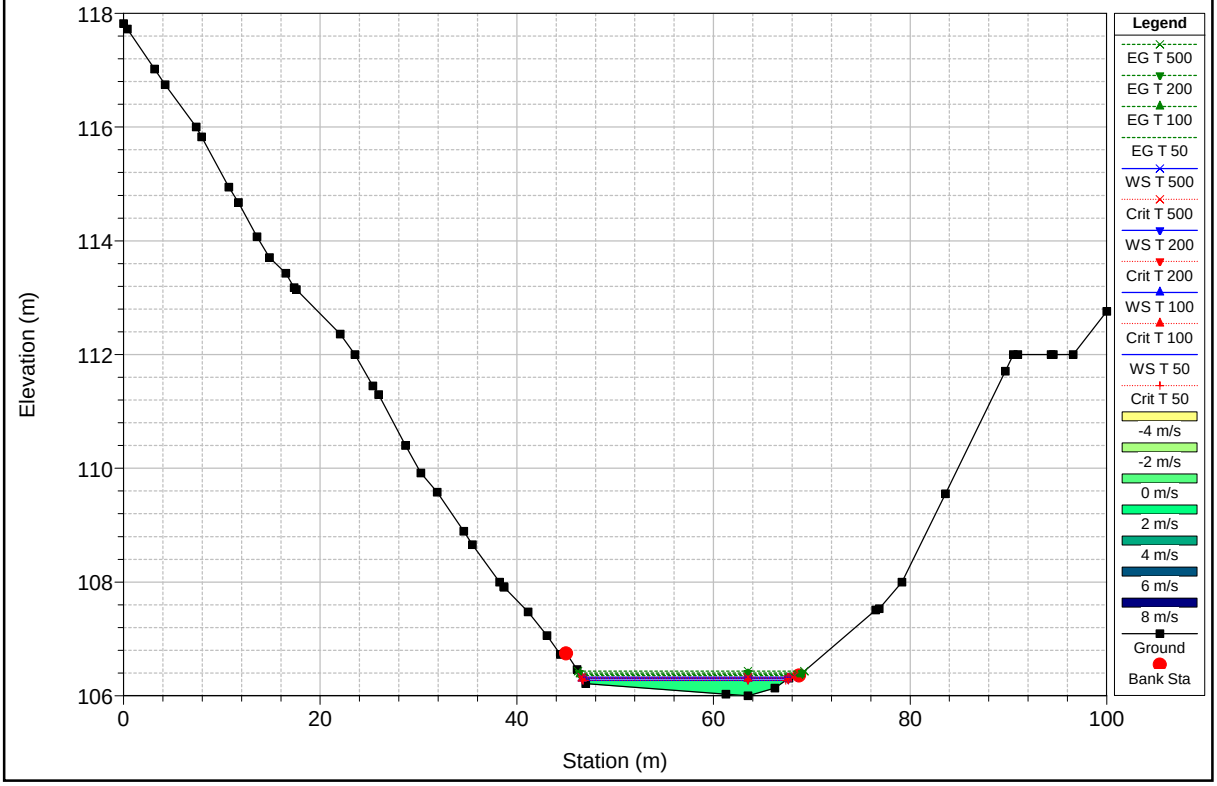
River = C3_4 Reach = TRCPRC RS = 950



C3_4HECRAS Plan: Plan 01

Geom: C3_4_SI Flow:

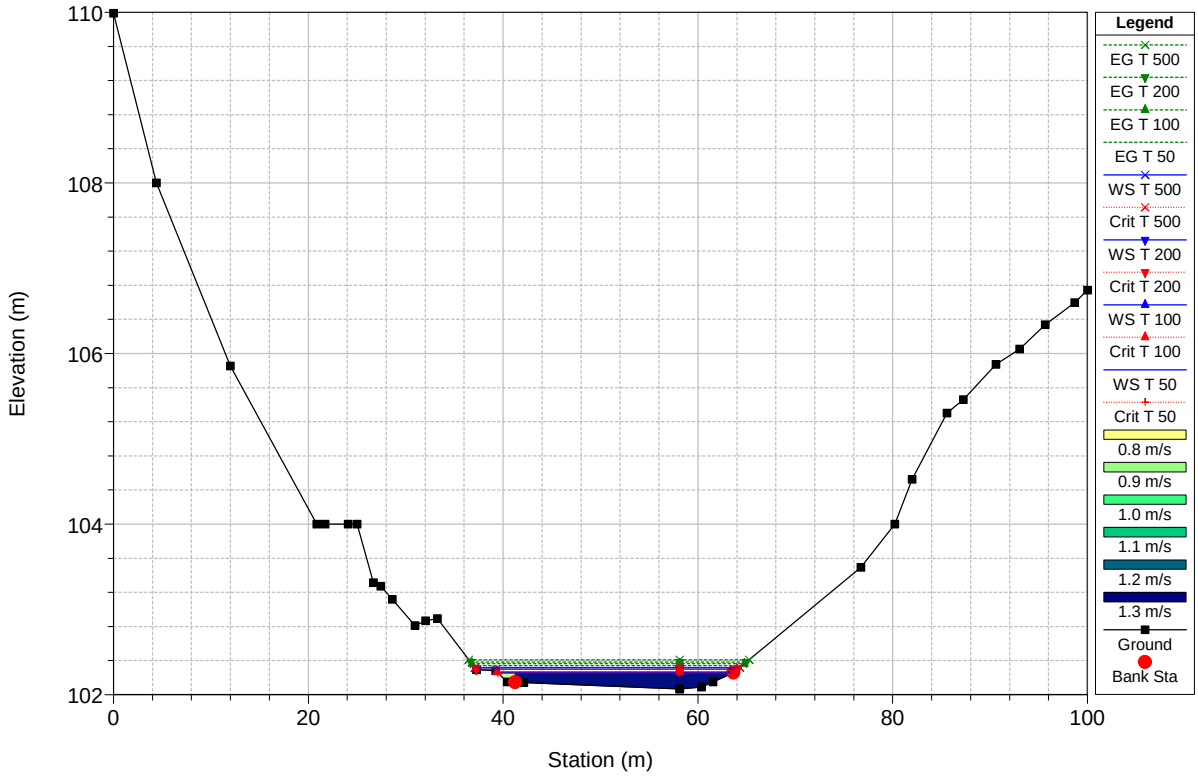
River = C3_4 Reach = TRCPRC RS = 900



C3_4HECRAS Plan: Plan 01

Geom: C3_4_SI Flow:

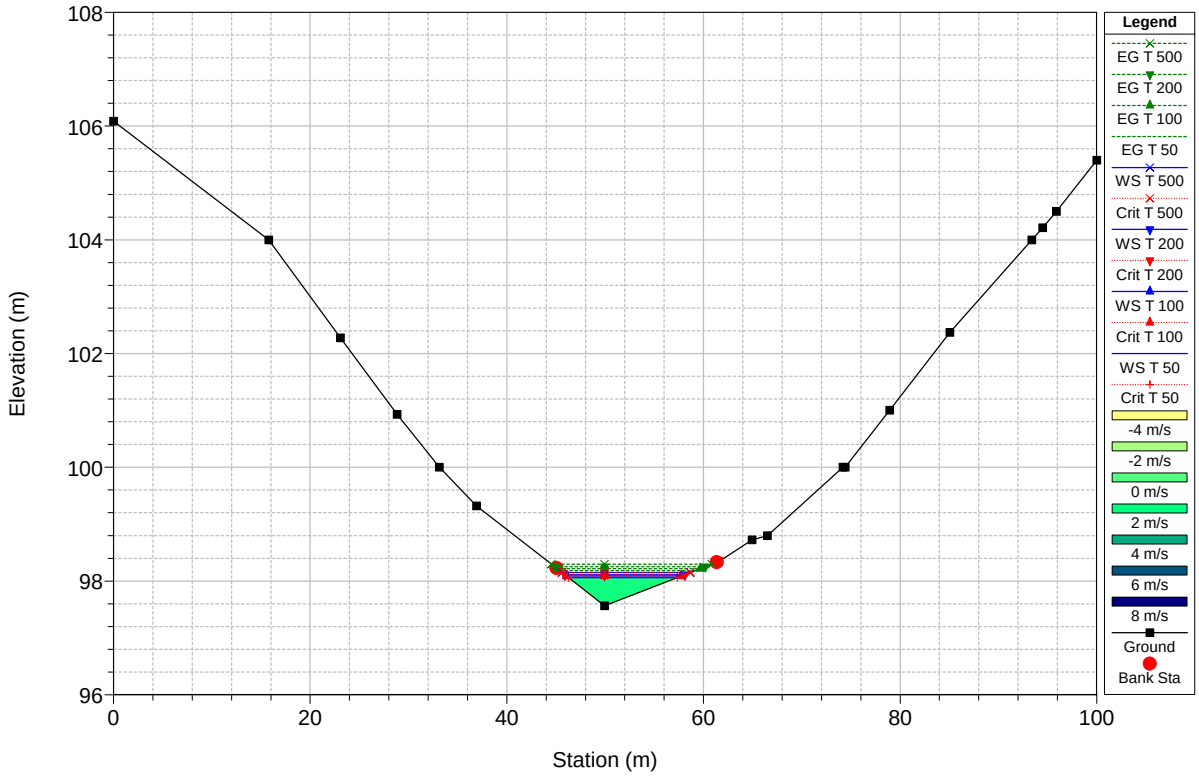
River = C3_4 Reach = TRCPRC RS = 850



C3_4HECRAS Plan: Plan 01

Geom: C3_4_SI Flow:

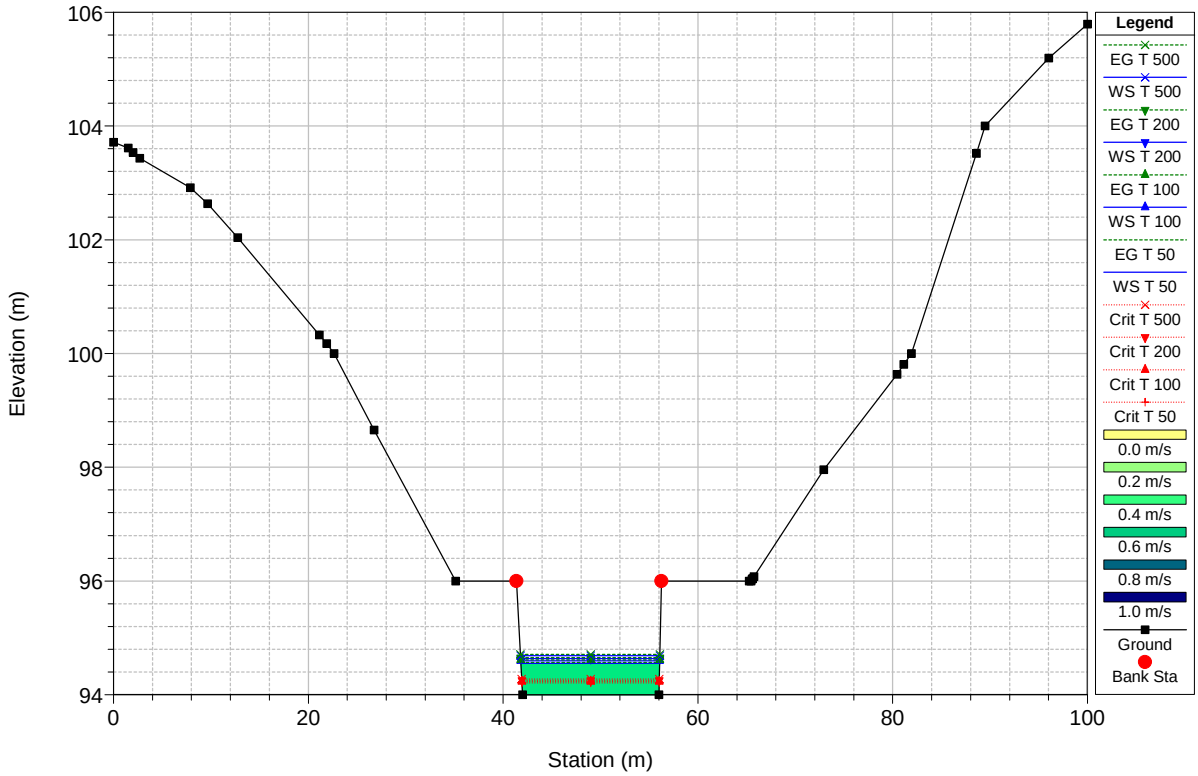
River = C3_4 Reach = TRCPRC RS = 800



C3_4HECRAS Plan: Plan 01

Geom: C3_4_SI Flow:

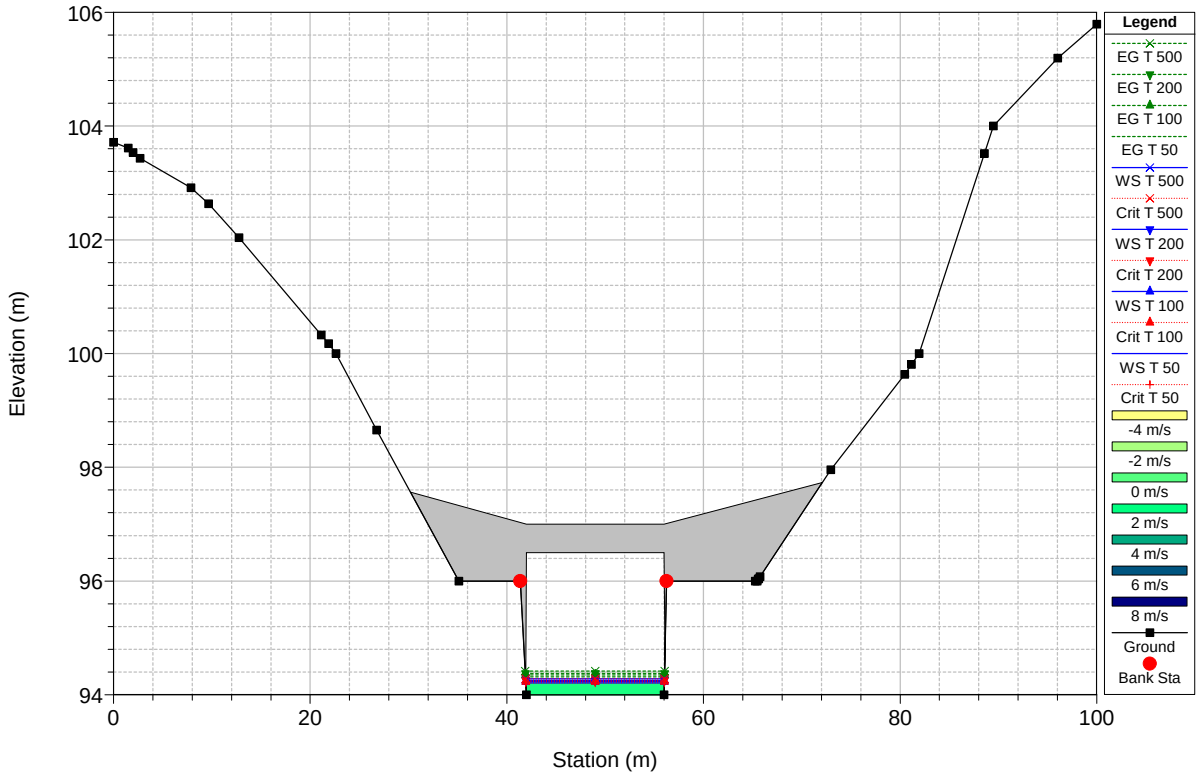
River = C3_4 Reach = TRCPRC RS = 750



C3_4HECRAS Plan: Plan 01

Geom: C3_4_SI Flow:

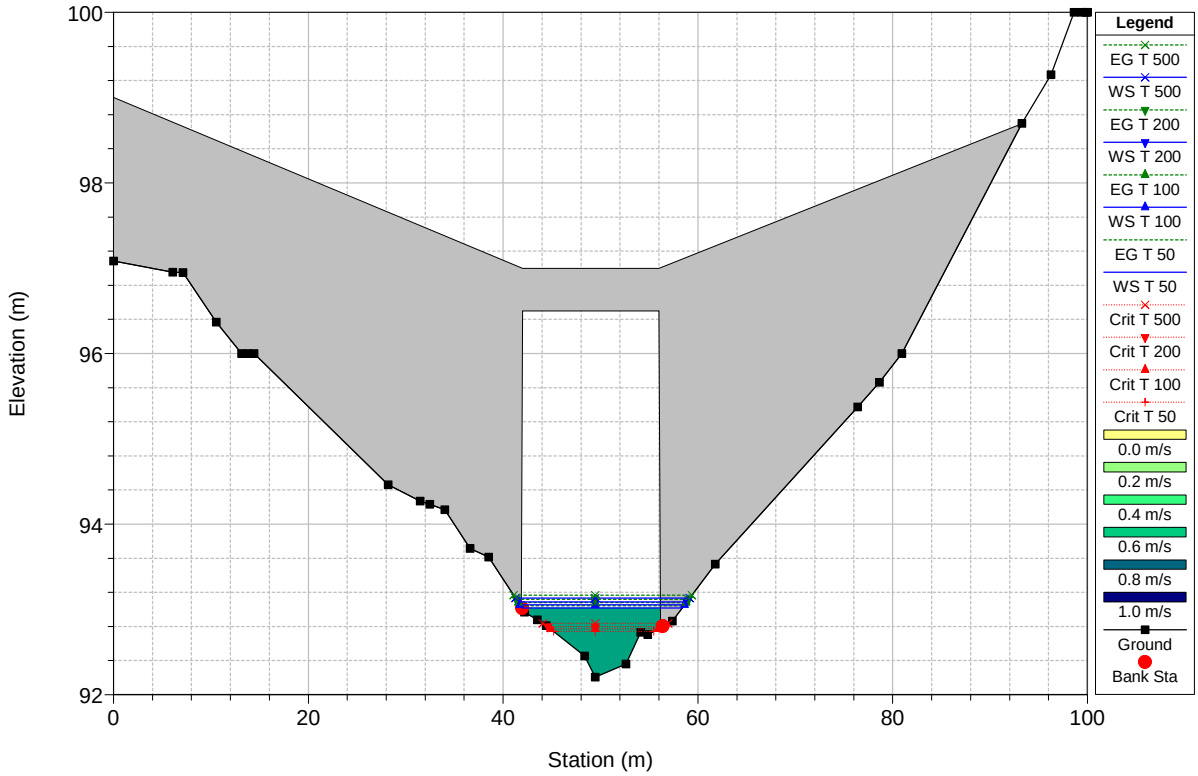
River = C3_4 Reach = TRCPRC RS = 720 BR



C3_4HECRAS Plan: Plan 01

Geom: C3_4_SI Flow:

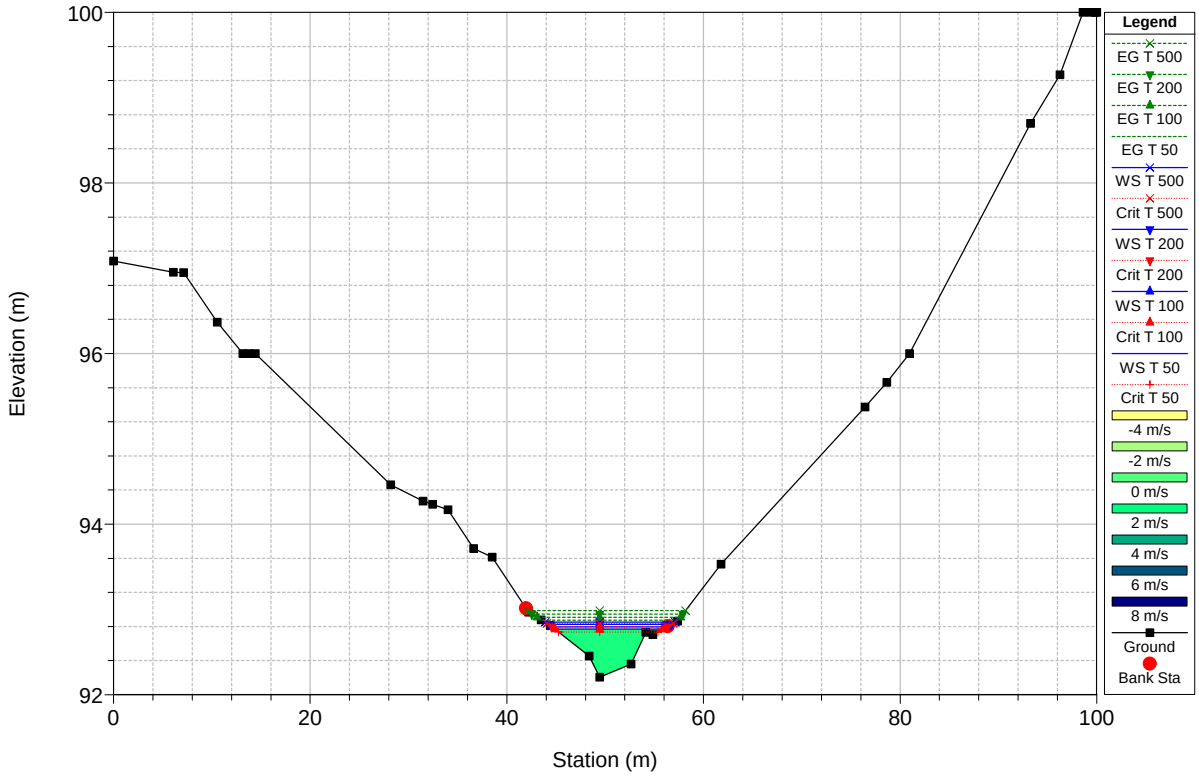
River = C3_4 Reach = TRCPRC RS = 720 BR



C3_4HECRAS Plan: Plan 01

Geom: C3_4_SI Flow:

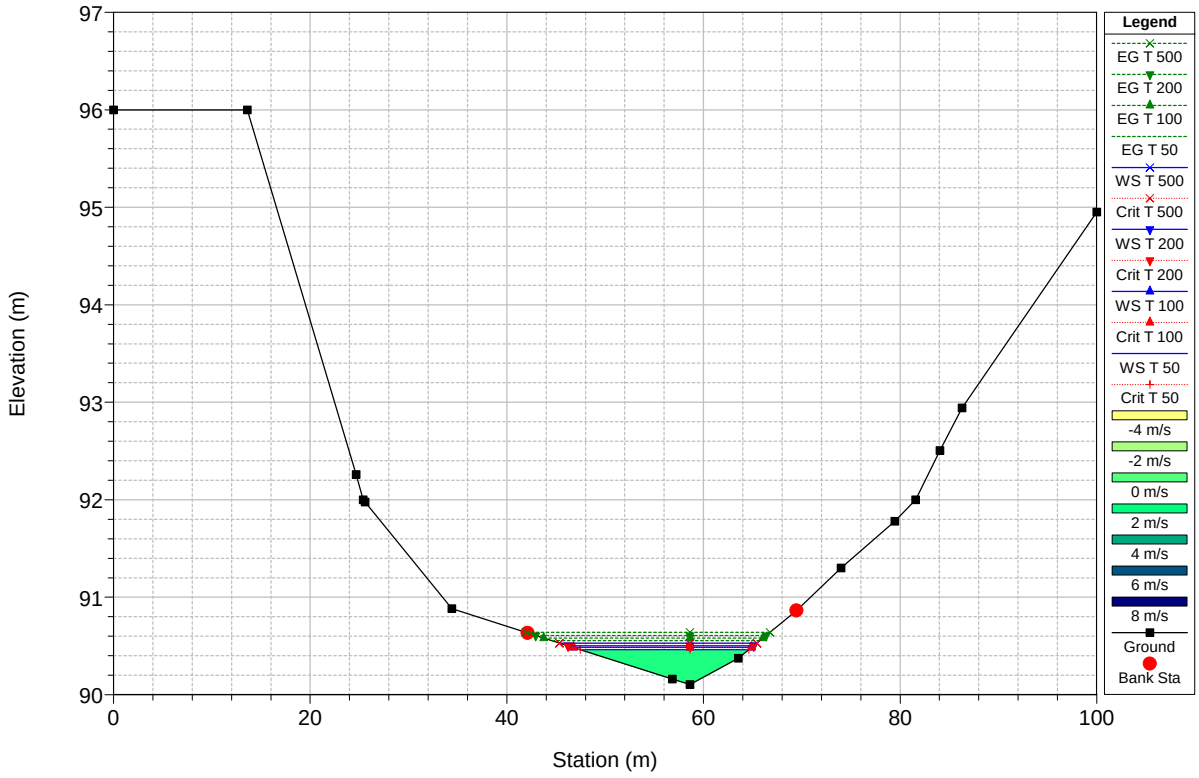
River = C3_4 Reach = TRCPRC RS = 700



C3_4HECRAS Plan: Plan 01

Geom: C3_4_SI Flow:

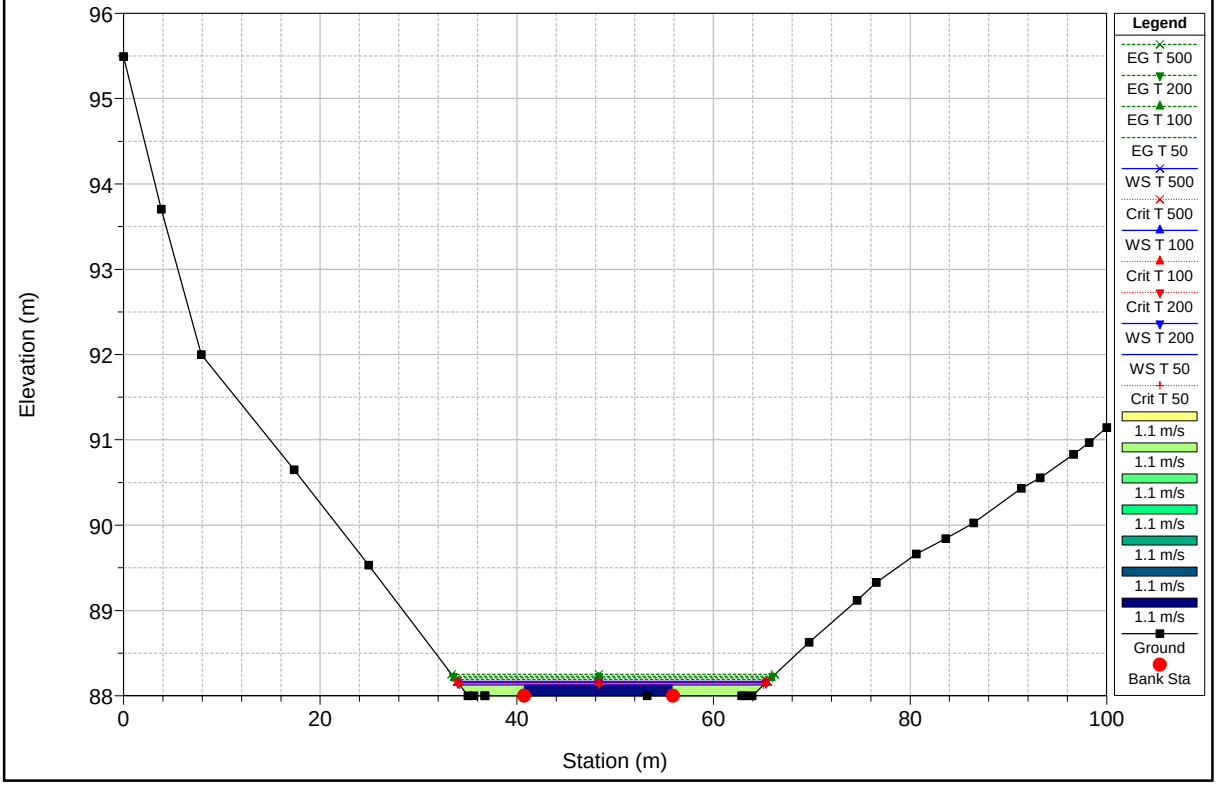
River = C3_4 Reach = TRCPRC RS = 650



C3_4HECRAS Plan: Plan 01

Geom: C3_4_SI Flow:

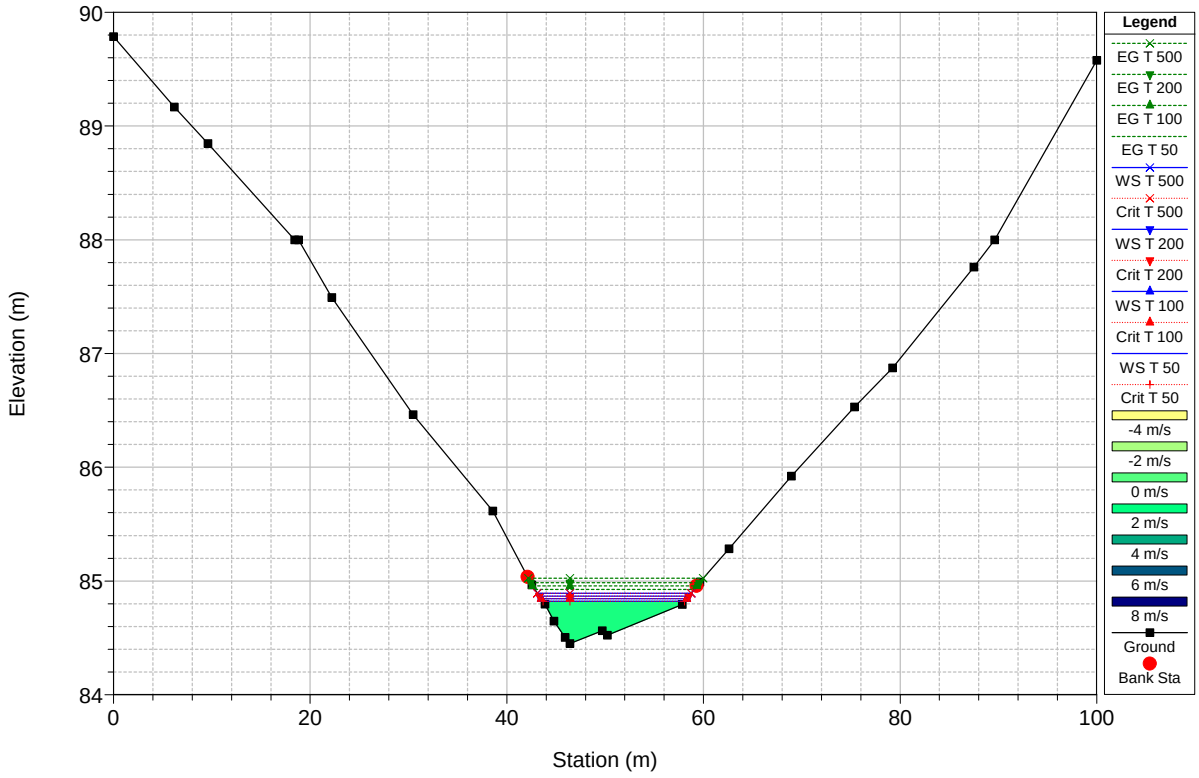
River = C3_4 Reach = TRCPRC RS = 600



C3_4HECRAS Plan: Plan 01

Geom: C3_4_SI Flow:

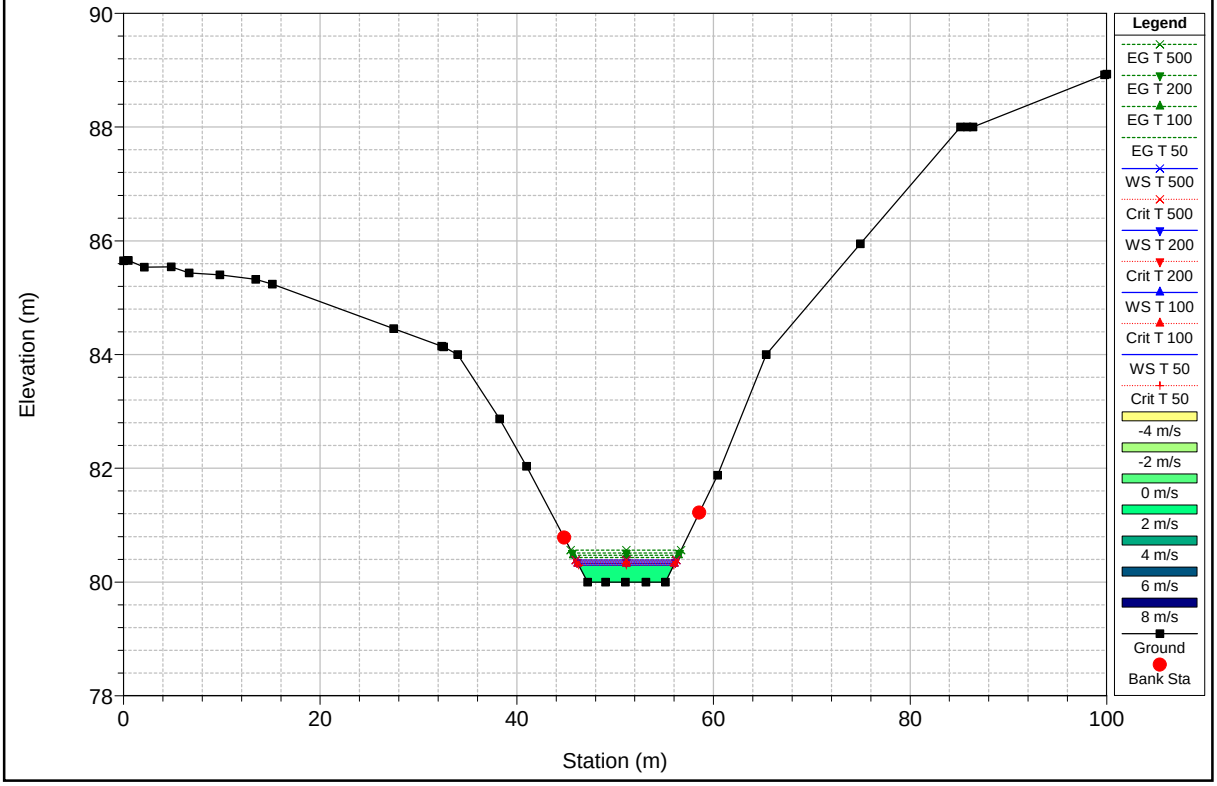
River = C3_4 Reach = TRCPRC RS = 550



C3_4HECRAS Plan: Plan 01

Geom: C3_4_SI Flow:

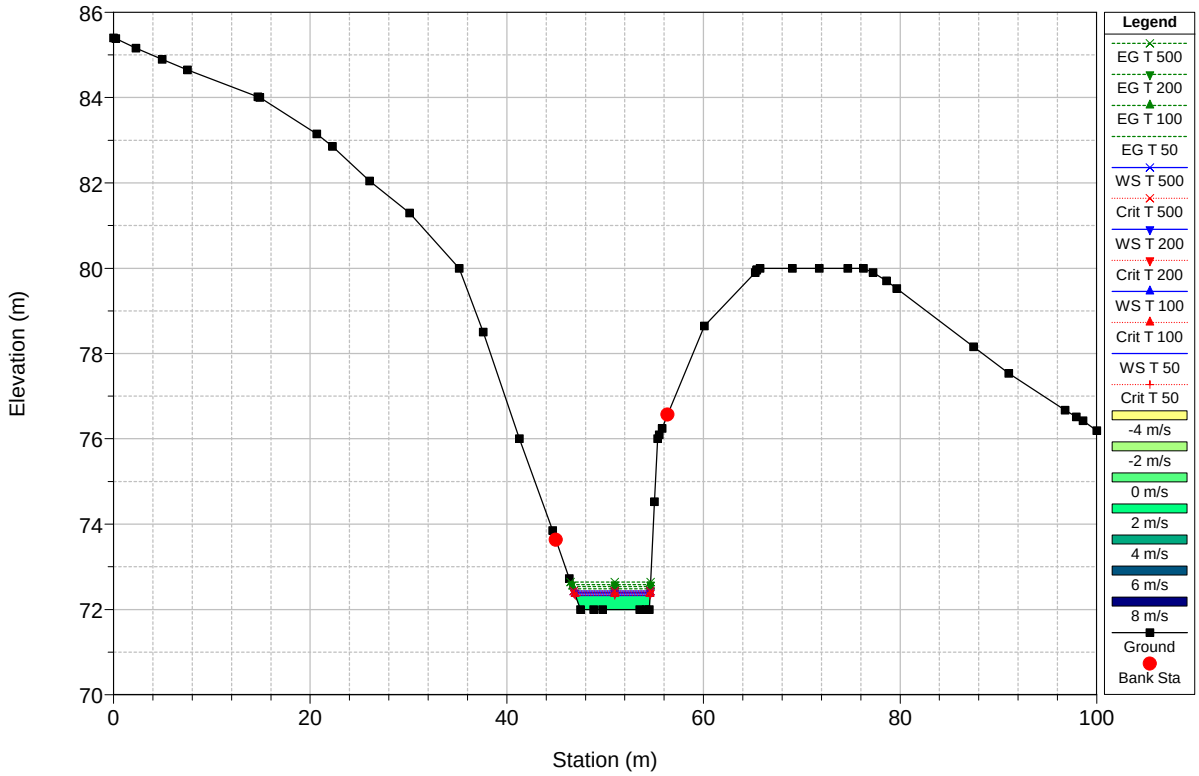
River = C3_4 Reach = TRCPRC RS = 500



C3_4HECRAS Plan: Plan 01

Geom: C3_4_SI Flow:

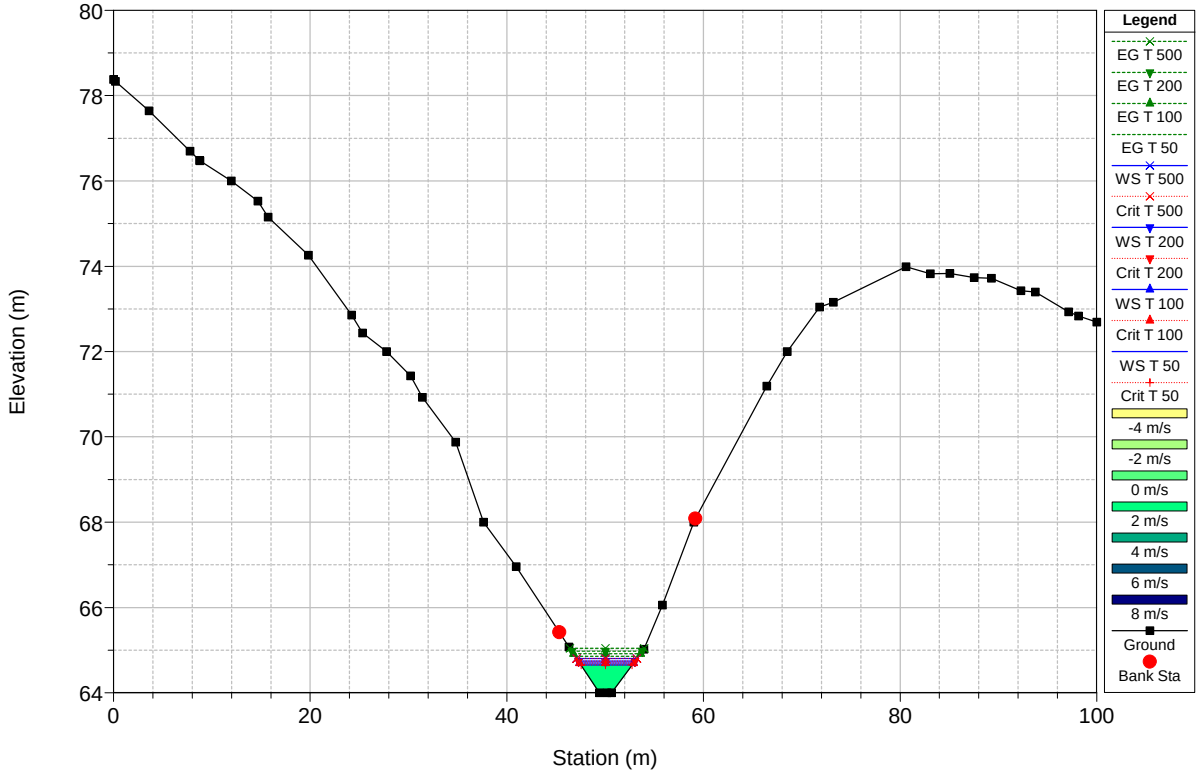
River = C3_4 Reach = TRCPRC RS = 450



C3_4HECRAS Plan: Plan 01

Geom: C3_4_SI Flow:

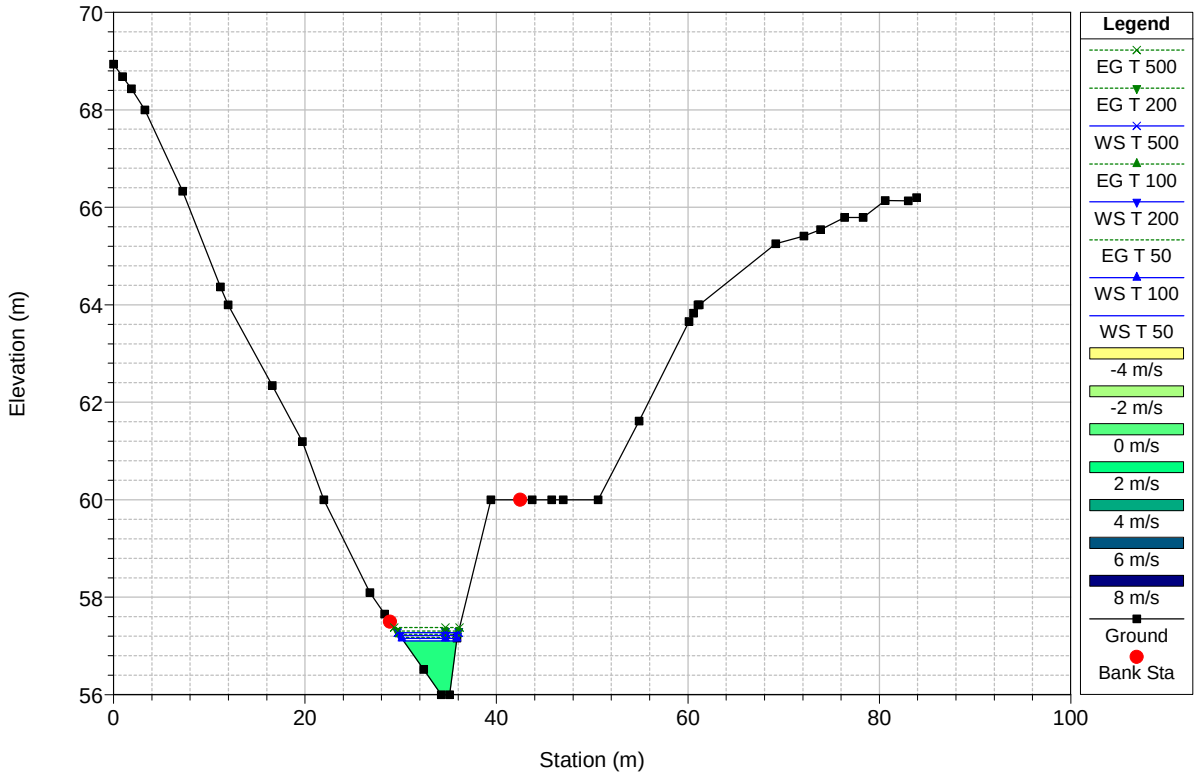
River = C3_4 Reach = TRCPRC RS = 400



C3_4HECRAS Plan: Plan 01

Geom: C3_4_SI Flow:

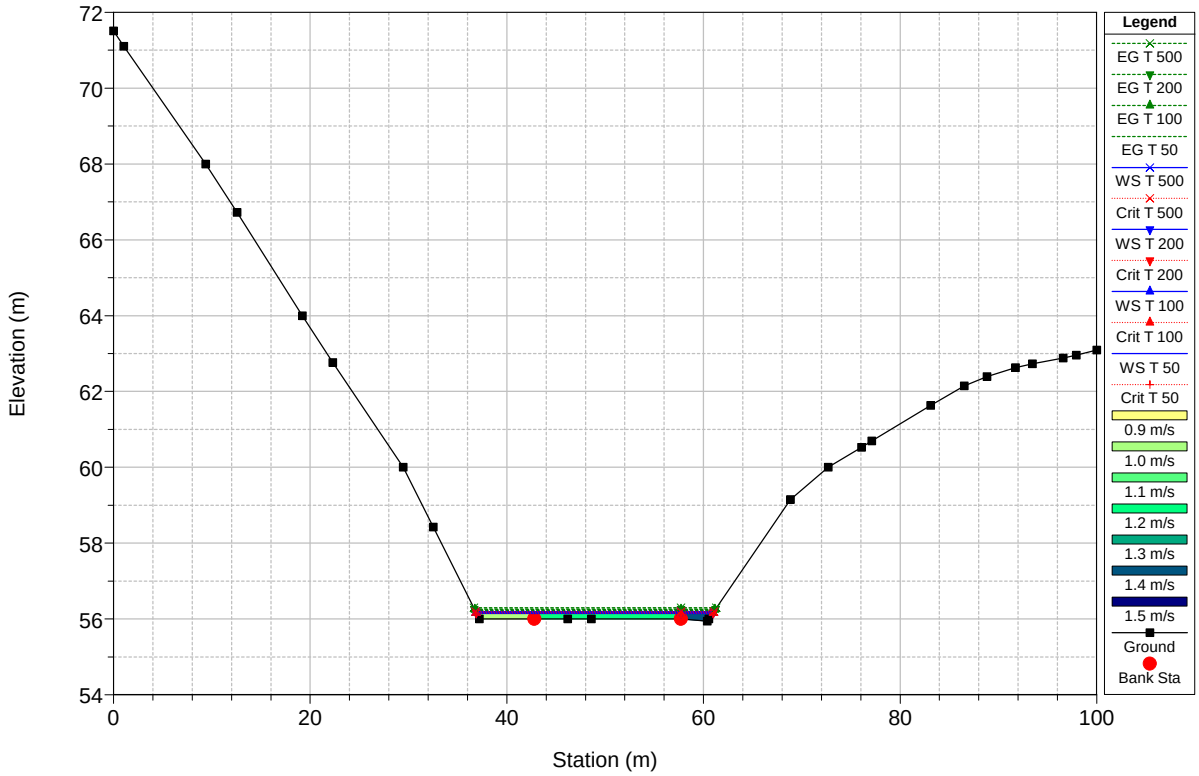
River = C3_4 Reach = TRCPRC RS = 351



C3_4HECRAS Plan: Plan 01

Geom: C3_4_SI Flow:

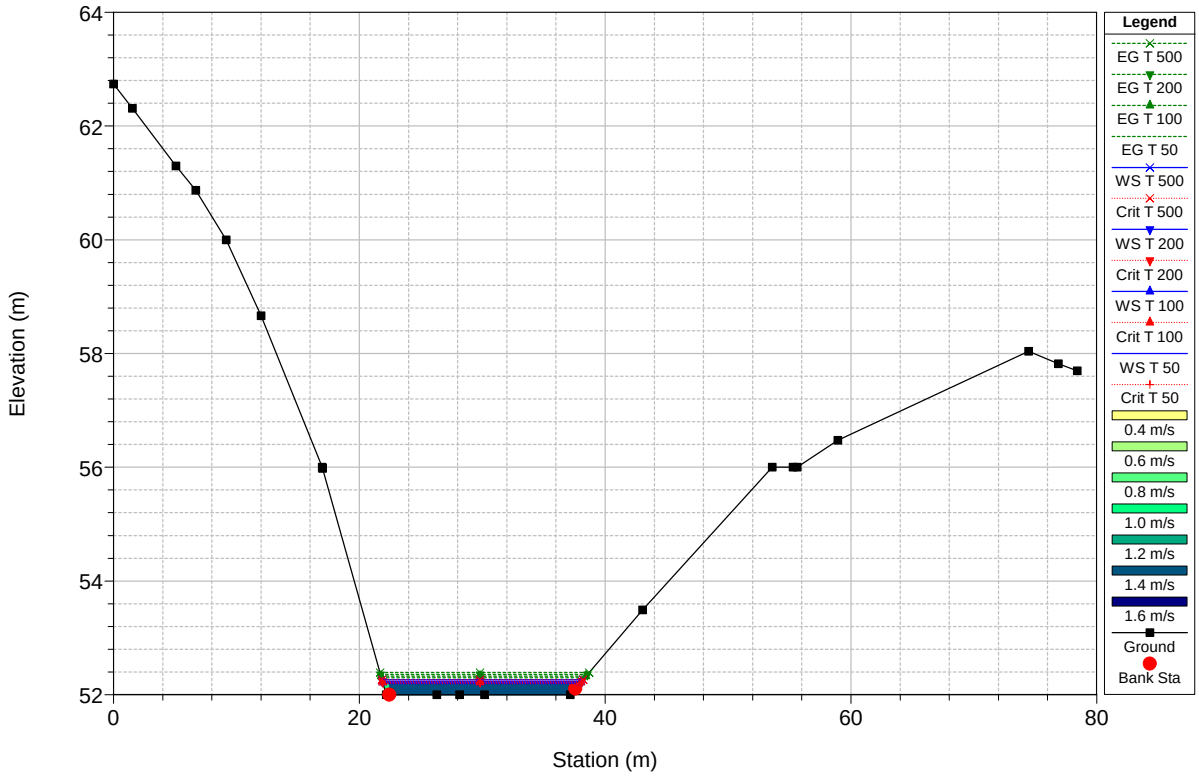
River = C3_4 Reach = TRCPRC RS = 300



C3_4HECRAS Plan: Plan 01

Geom: C3_4_SI Flow:

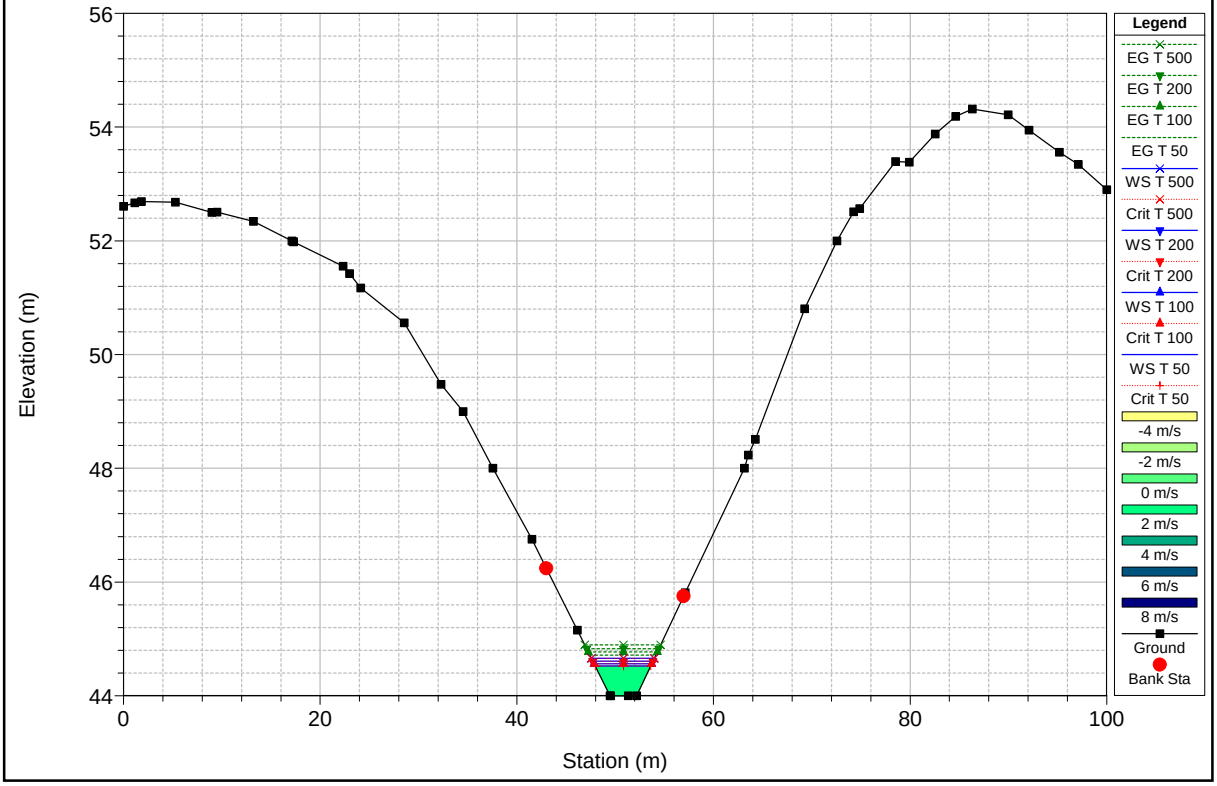
River = C3_4 Reach = TRCPRC RS = 249



C3_4HECRAS Plan: Plan 01

Geom: C3_4_SI Flow:

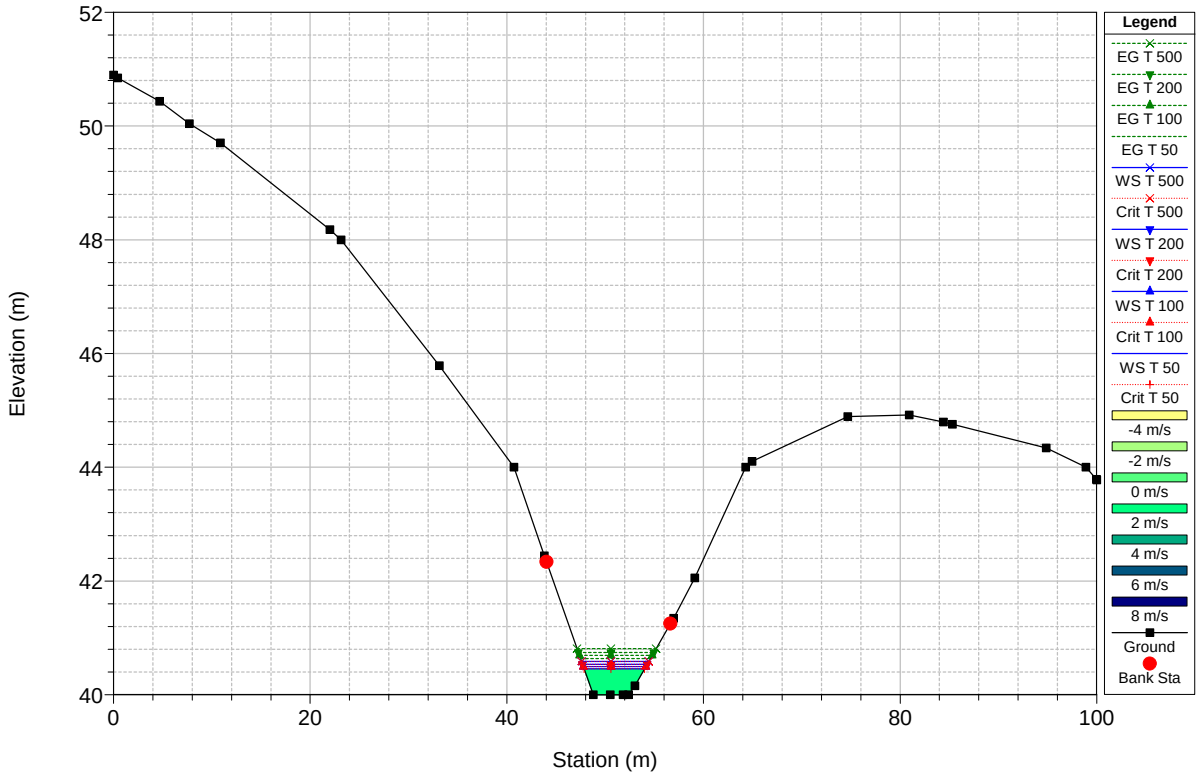
River = C3_4 Reach = TRCPRC RS = 200



C3_4HECRAS Plan: Plan 01

Geom: C3_4_SI Flow:

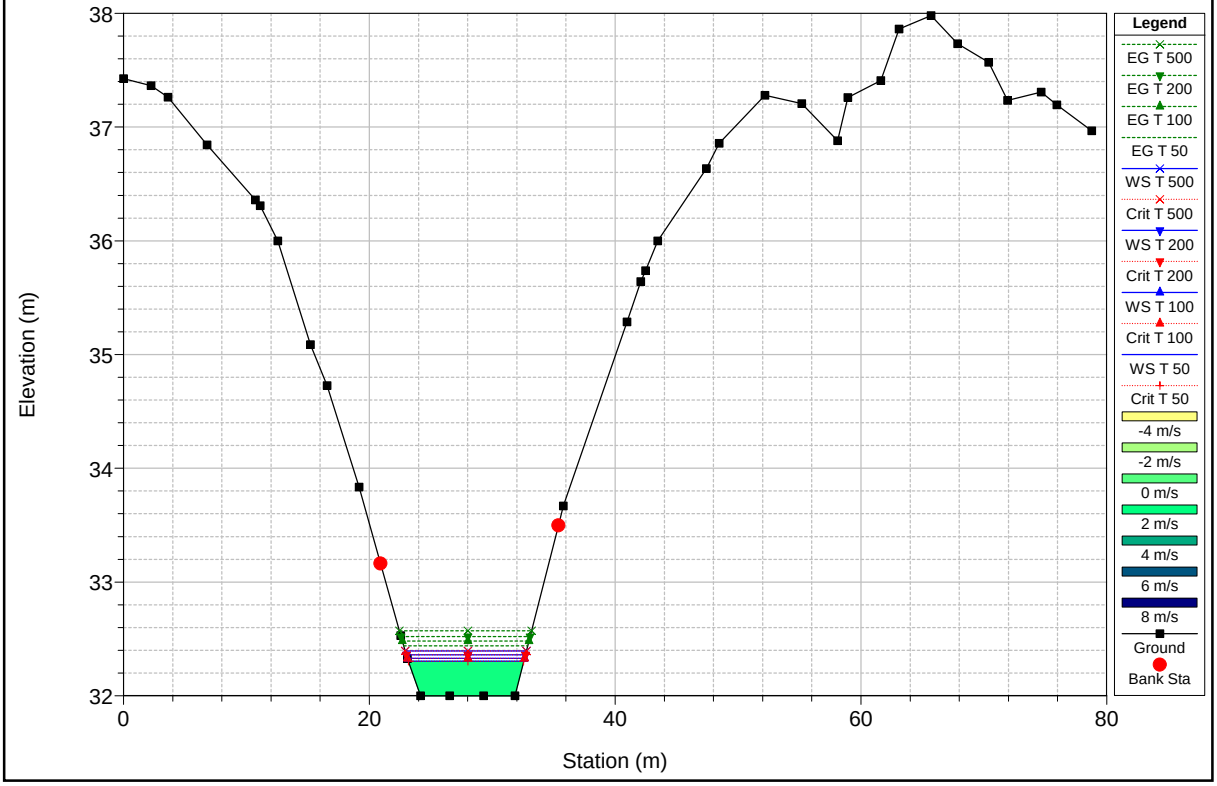
River = C3_4 Reach = TRCPRC RS = 150



C3_4HECRAS Plan: Plan 01

Geom: C3_4_SI Flow:

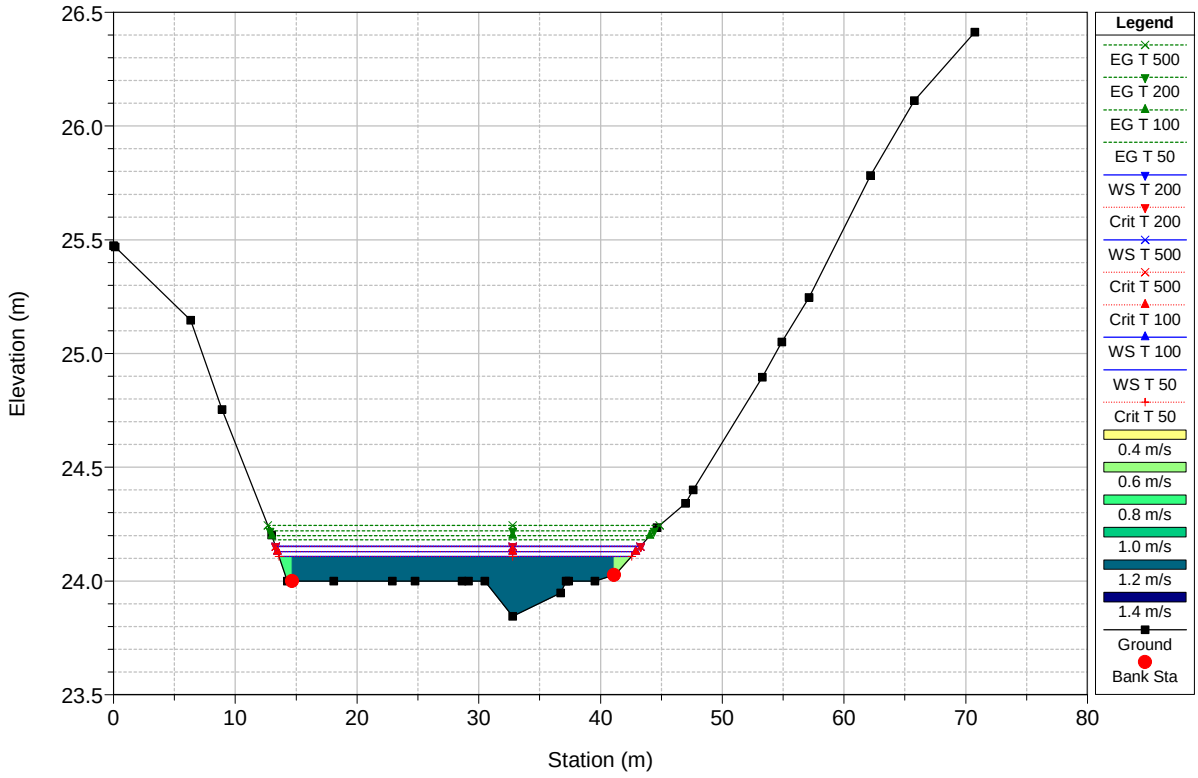
River = C3_4 Reach = TRCPRC RS = 99



C3_4HECRAS Plan: Plan 01

Geom: C3_4_SI Flow:

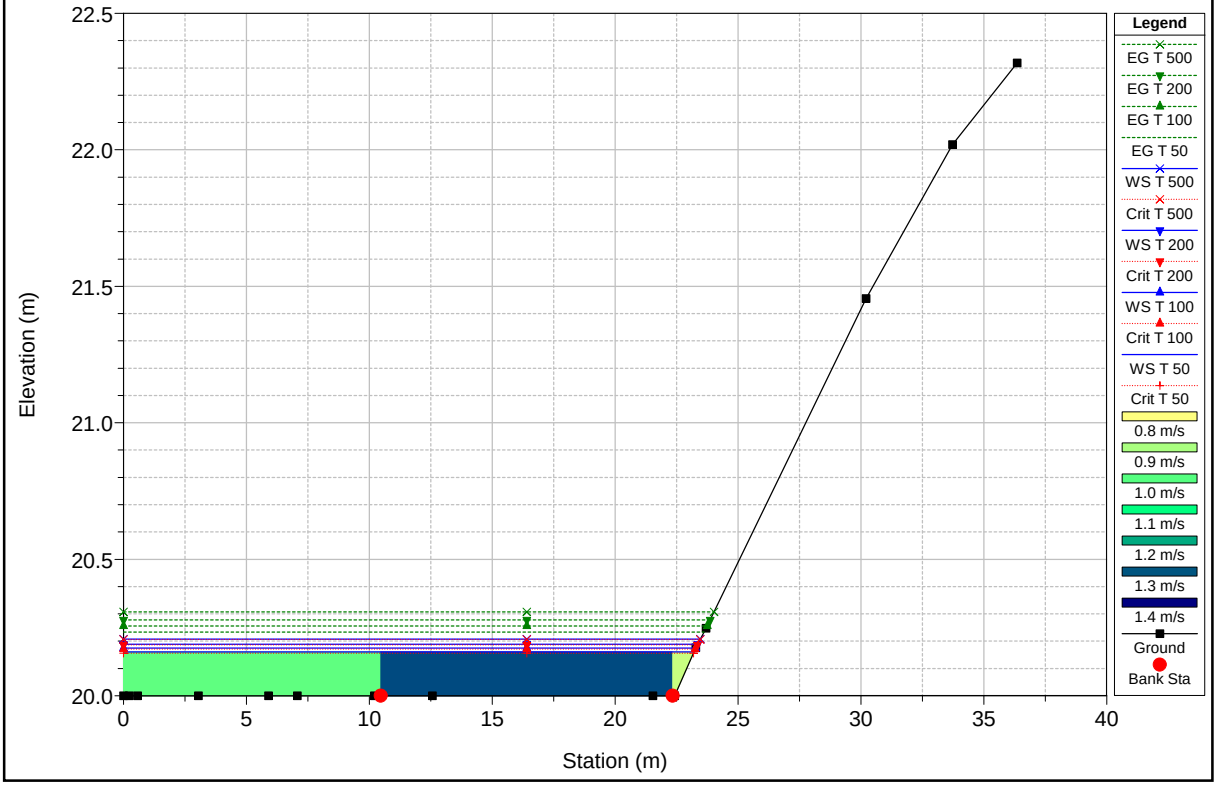
River = C3_4 Reach = TRCPRC RS = 50



C3_4HECRAS Plan: Plan 01

Geom: C3_4_SI Flow:

River = C3_4 Reach = TRCPRC RS = 13



C3_4HECRAS Plan: Plan 01

Geom: C3_4_SI Flow:

