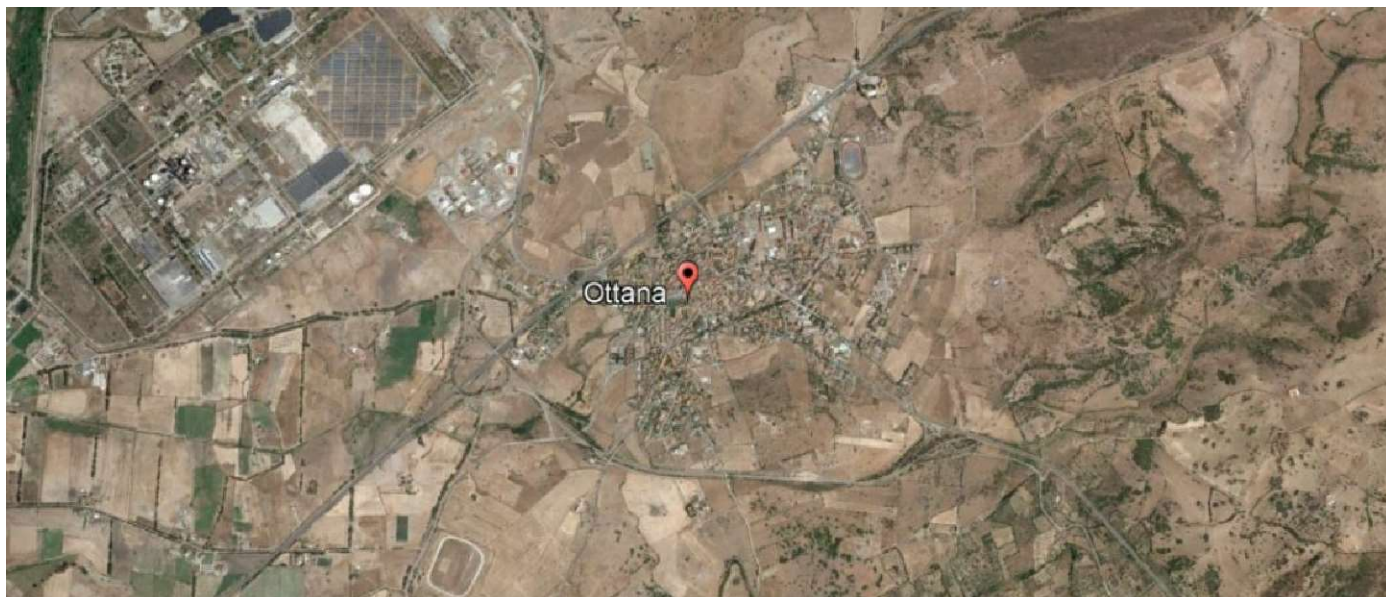




COMUNE DI OTTANA

Provincia di Nuoro



VERIFICHE DI SICUREZZA DELLE INFRASTRUTTURE ESISTENTI DI
ATTRAVERSAMENTO VIARIO O FERROVIARIO DEL RETICOLO
IDROGRAFICO DEL TERRITORIO COMUNALE DI OTTANA NONCHÉ
DELLE ALTRE OPERE INTERFERENTI

PLANIMETRIE SEZIONI, PROFILI IDRAULICI,
SEZIONI IDRAULICHE, TABELLE ANALITICHE.

ELABORATO

B

IL PROGETTISTA :
Dott. Geol. Aldo Lorrai

IL R.U.P. :
Dott. Ing. Stefano Tuligi

IL SINDACO
Franco Saba



Dott. Geol. Aldo Lorrai Via del Mercatino 15 08048 Tortolì (NU)
tel. 3687260010 email geol.aldolorrai@gmail.com

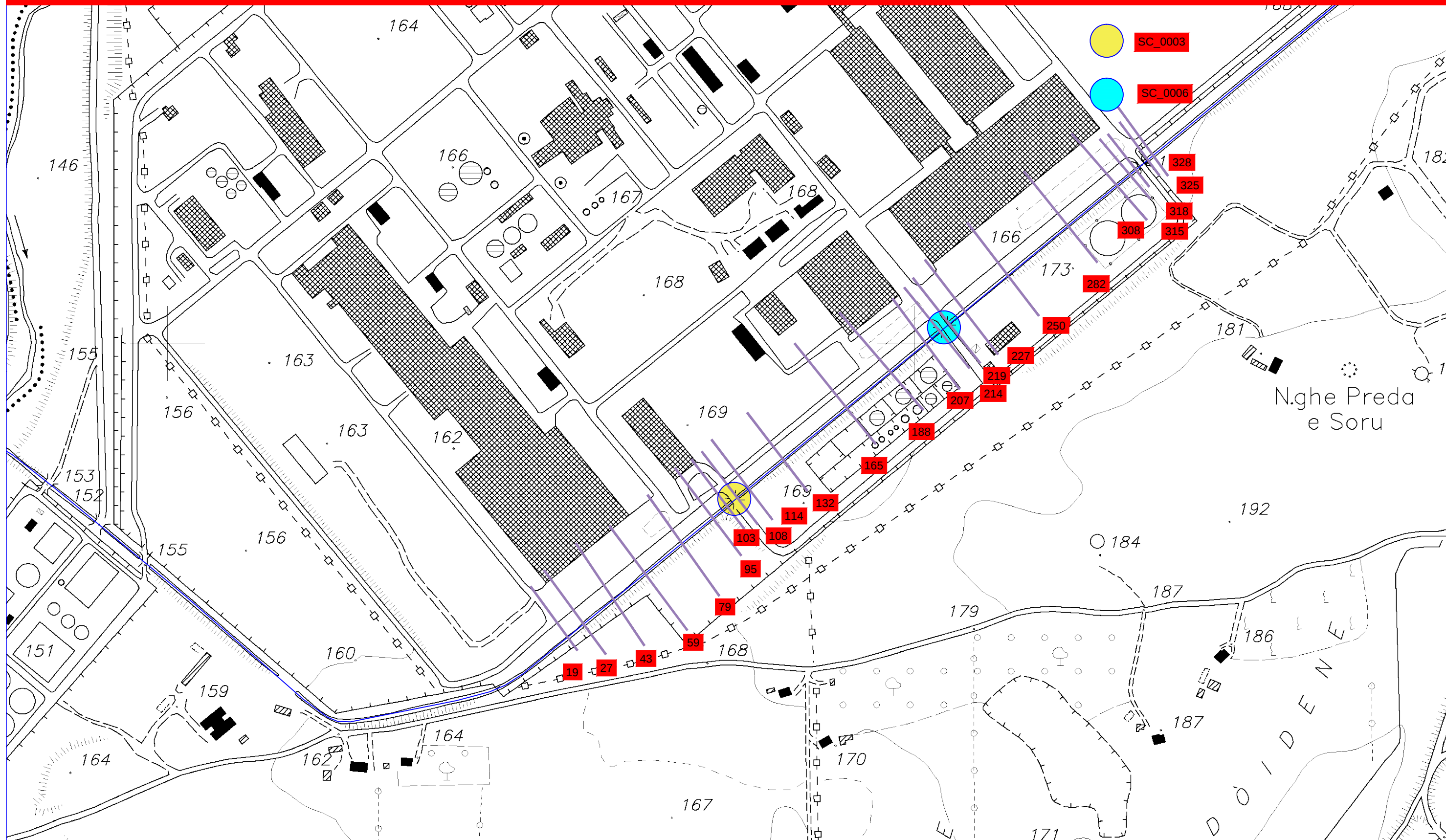
Luglio 2020

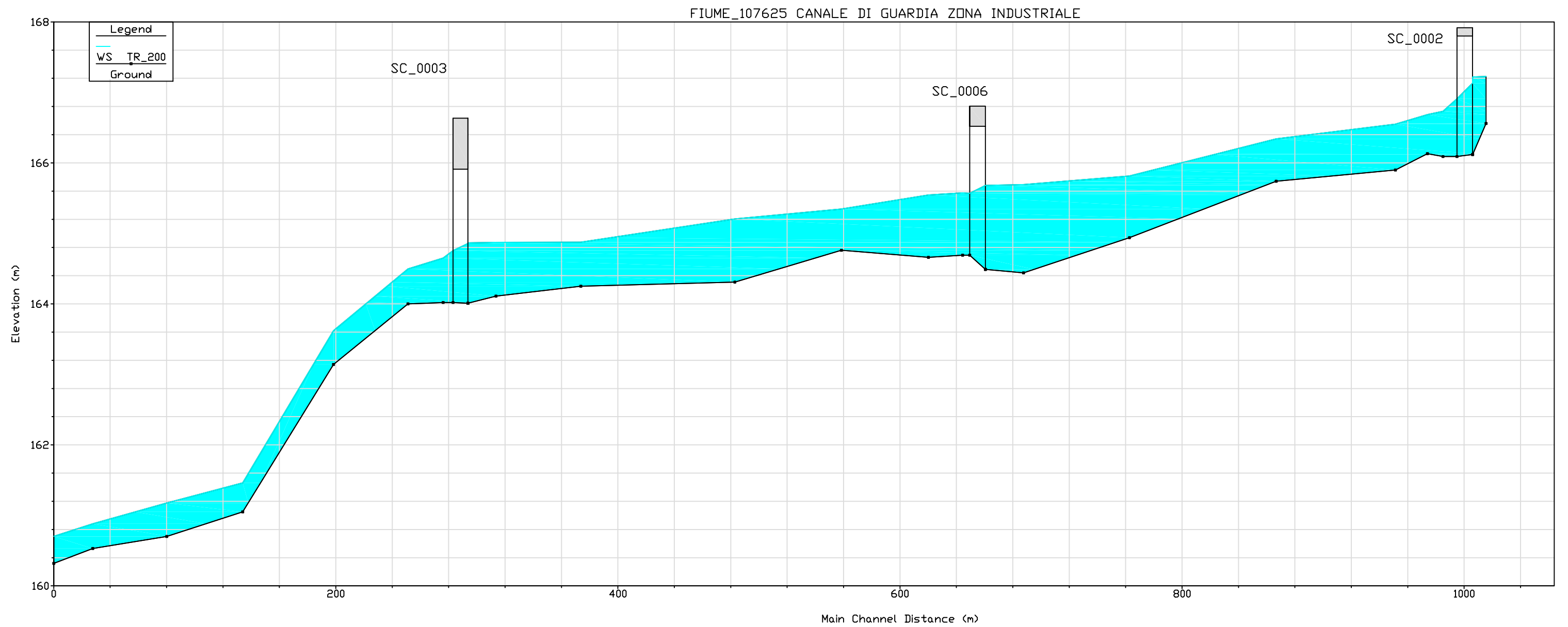
FIUME _107625 (CANALE DI GUARDIA ZONA INDUSTRIALE)

ATTRAVERSAMENTI:

-
- SC 0003
 - SC 0006

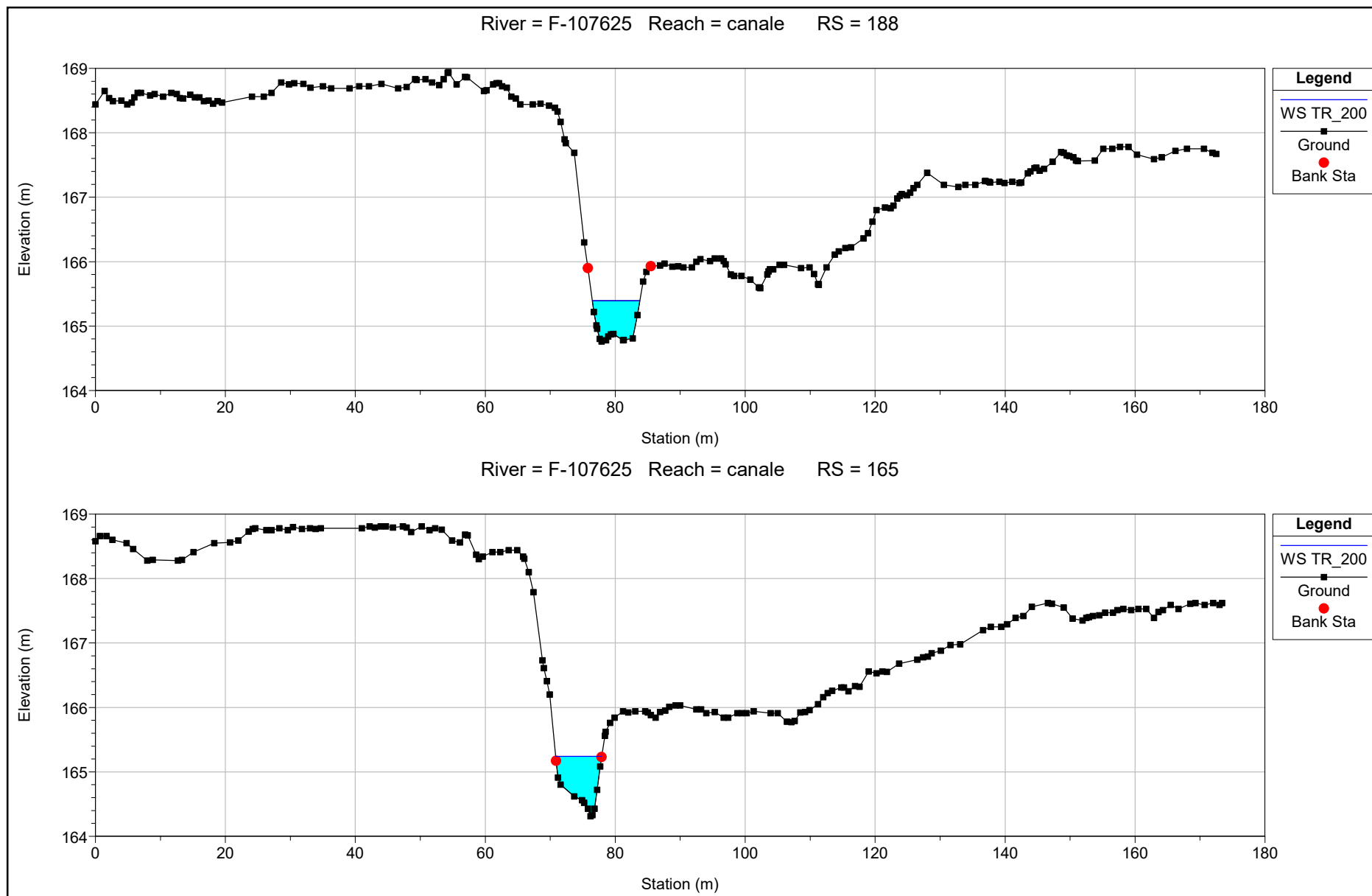
FIUME _107625 (CANALE DI GUARDIA Z.I.)
SC_0002- SC_0003 - SC_0006
COROGRAFIA UBICAZIONE SEZIONI IDRAULICHE



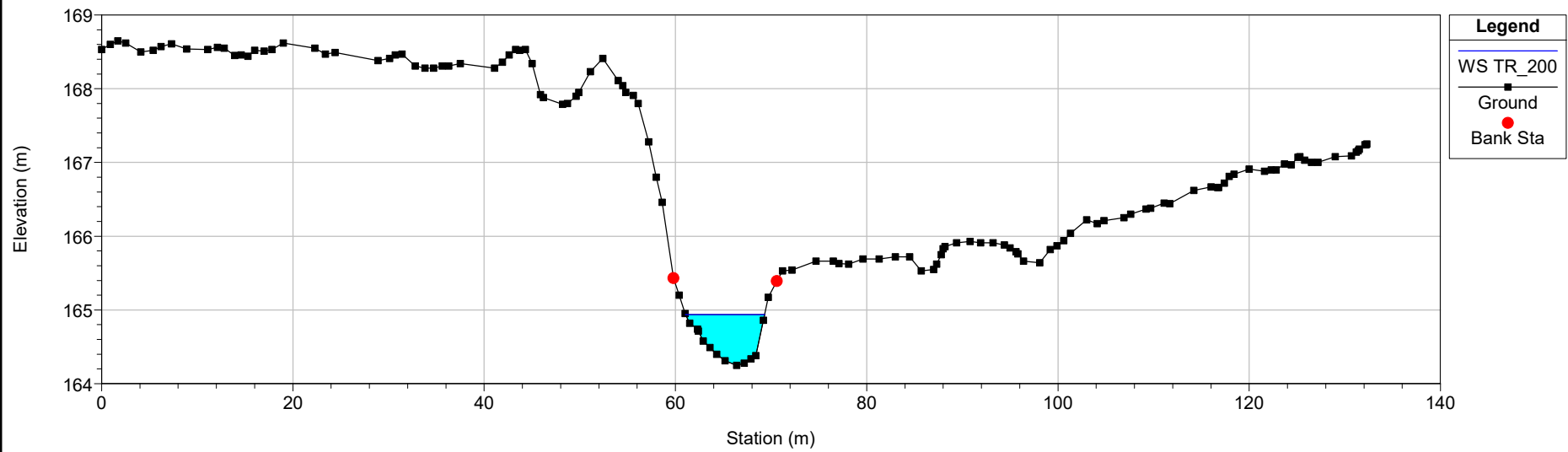


G191_SC_0003

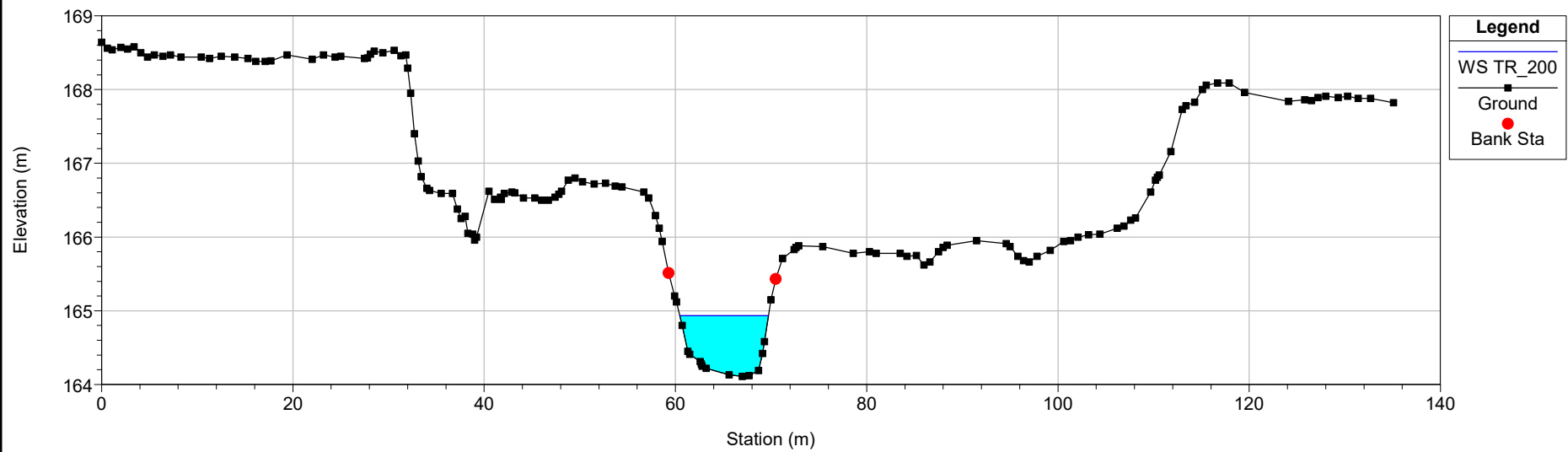
SEZIONI

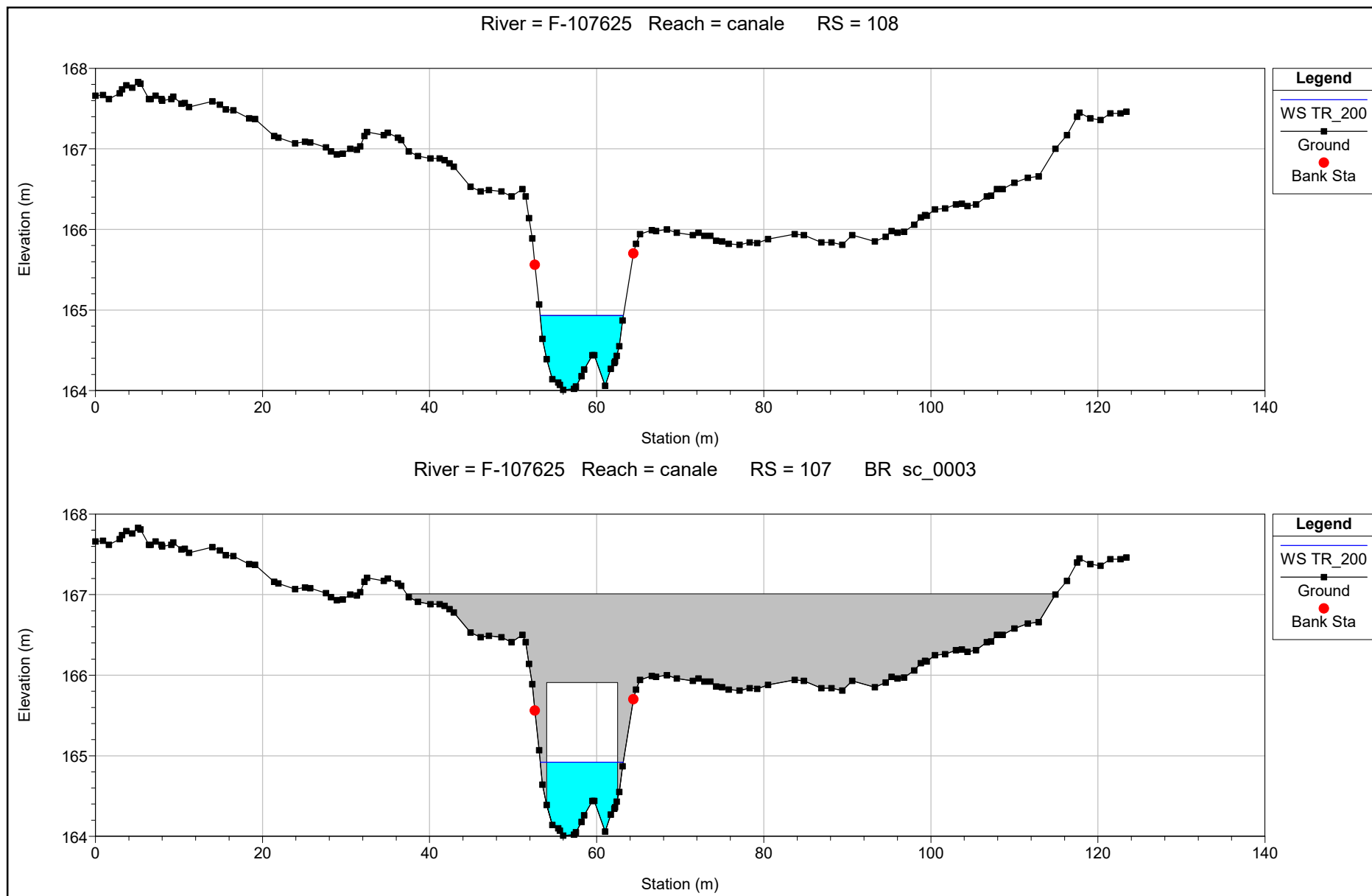


River = F-107625 Reach = canale RS = 132

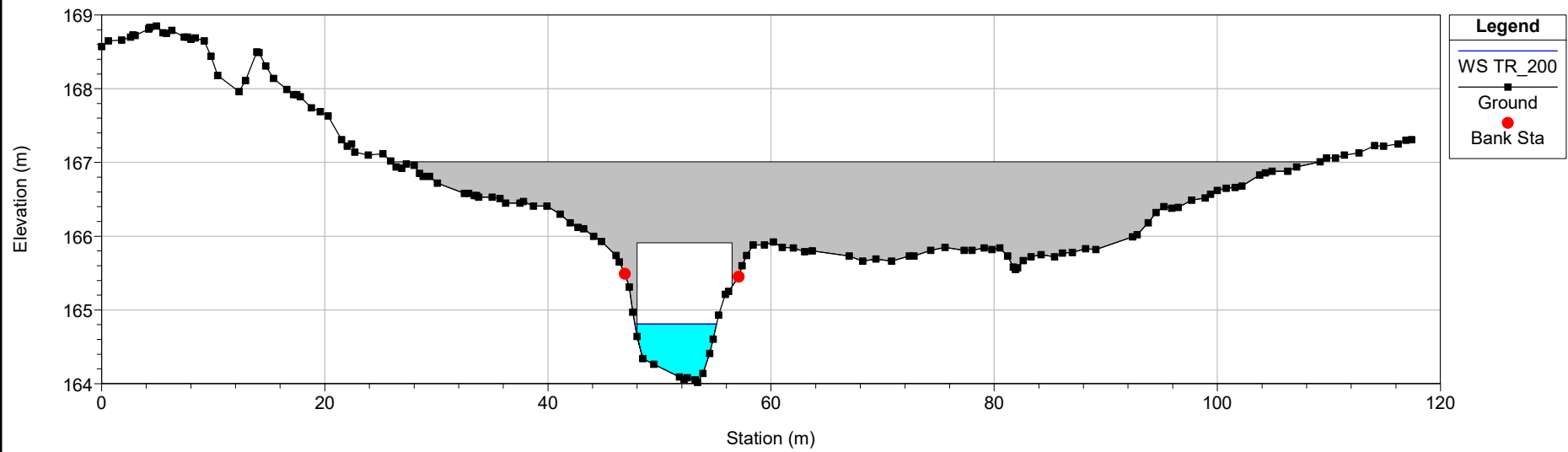


River = F-107625 Reach = canale RS = 114

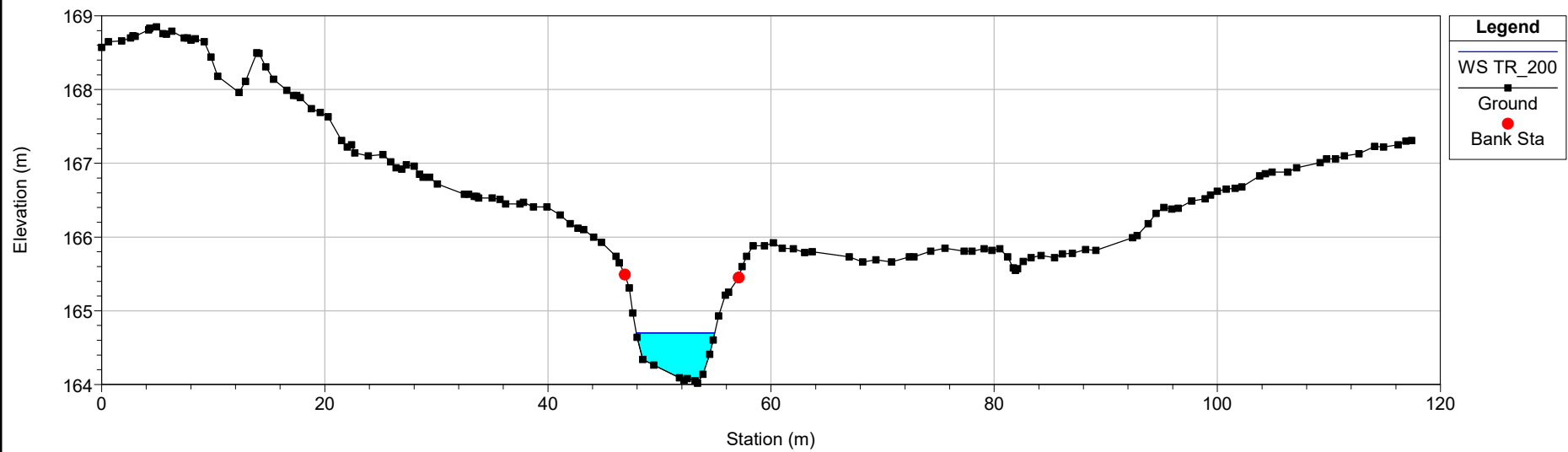




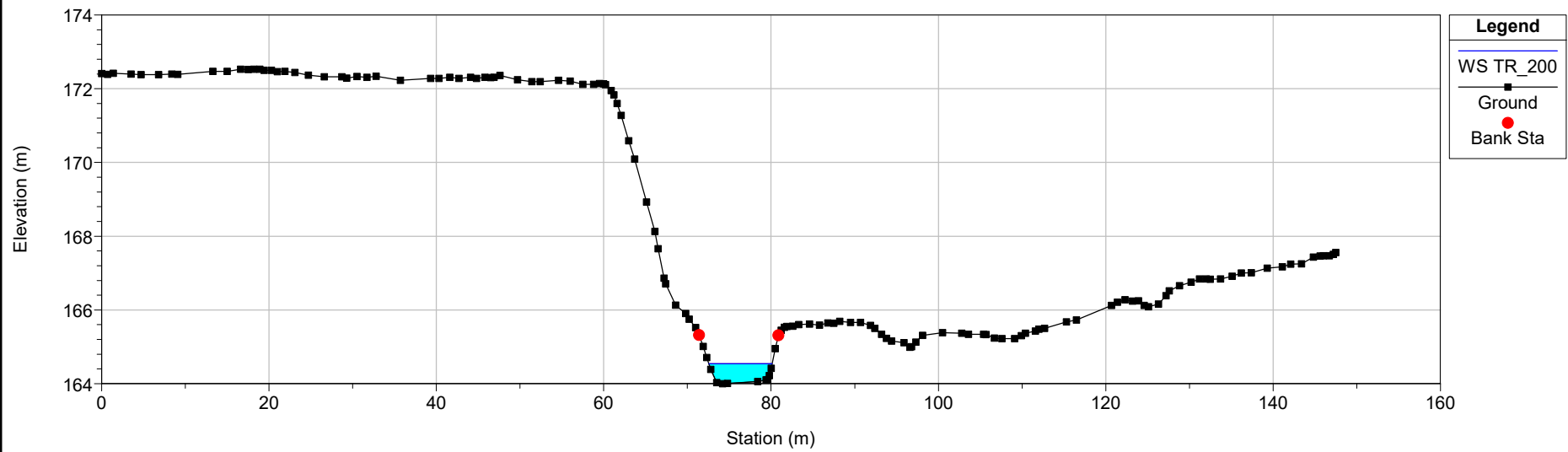
River = F-107625 Reach = canale RS = 107 BR sc_0003



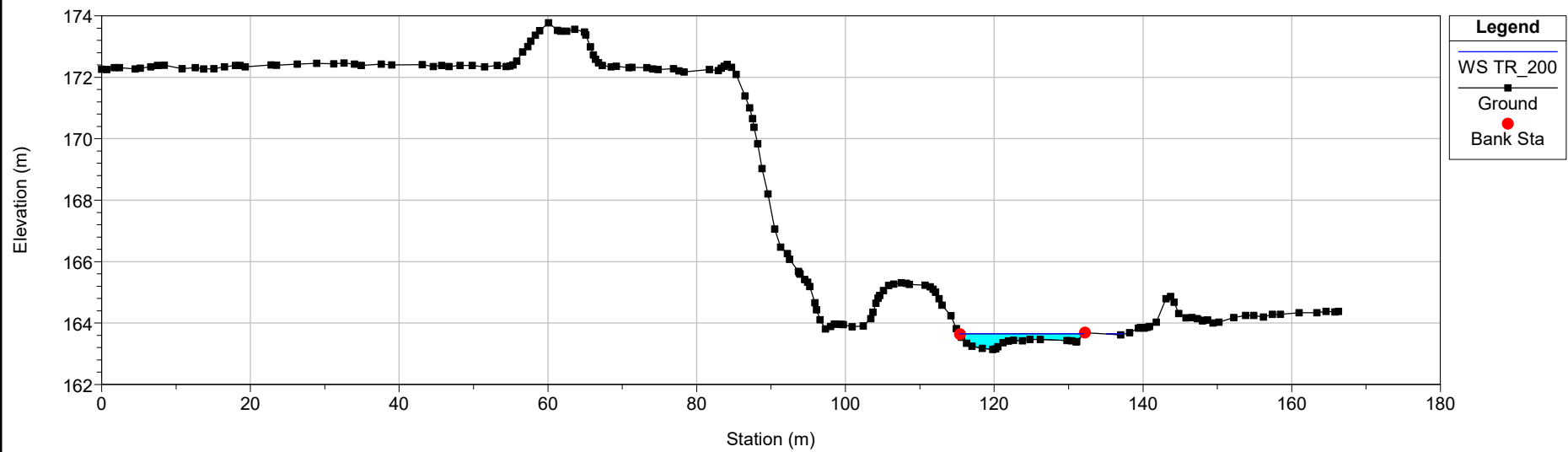
River = F-107625 Reach = canale RS = 103



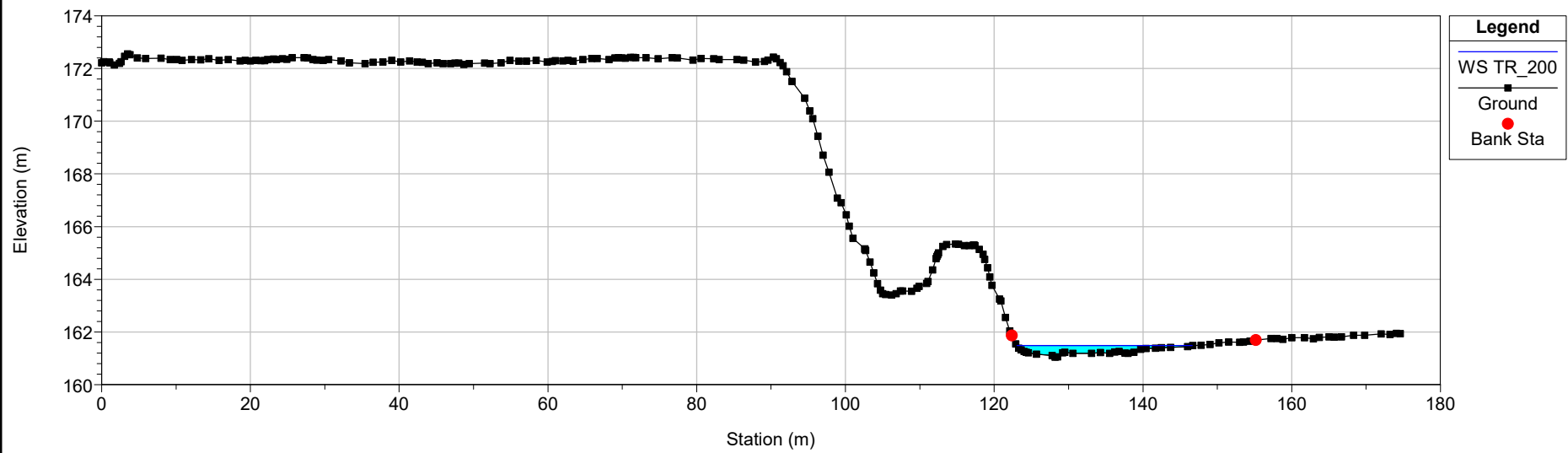
River = F-107625 Reach = canale RS = 95



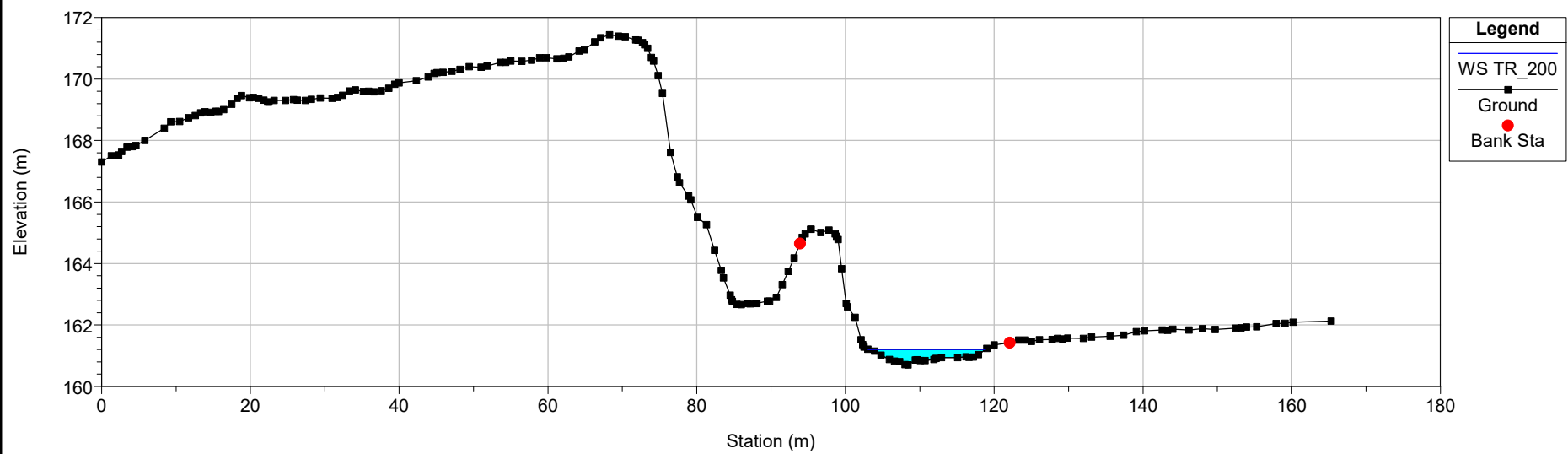
River = F-107625 Reach = canale RS = 79



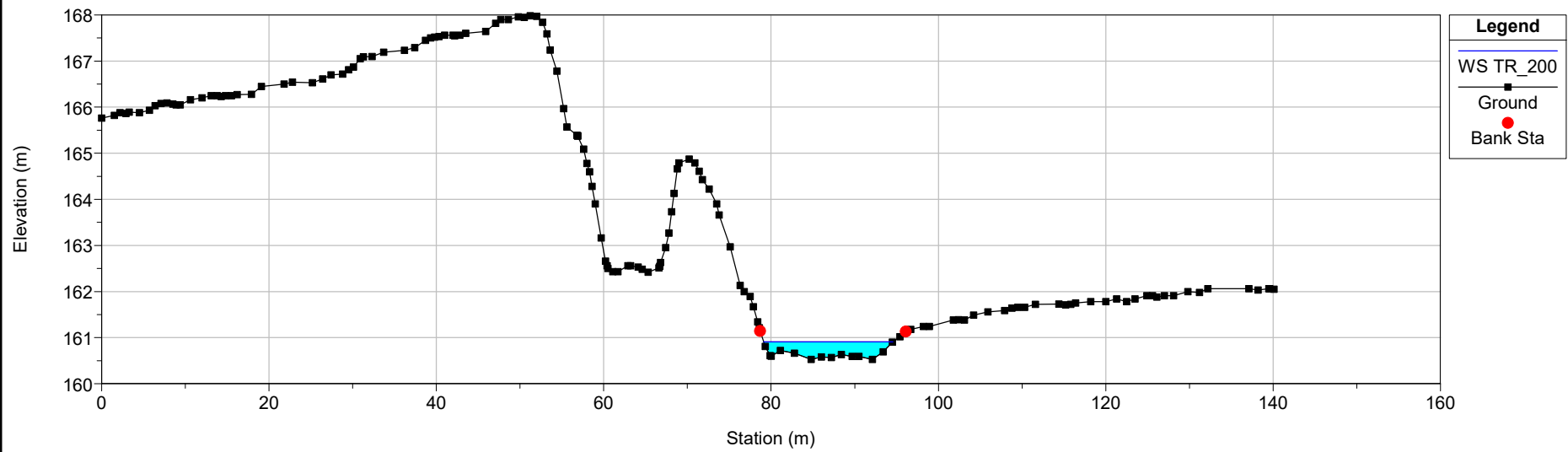
River = F-107625 Reach = canale RS = 59



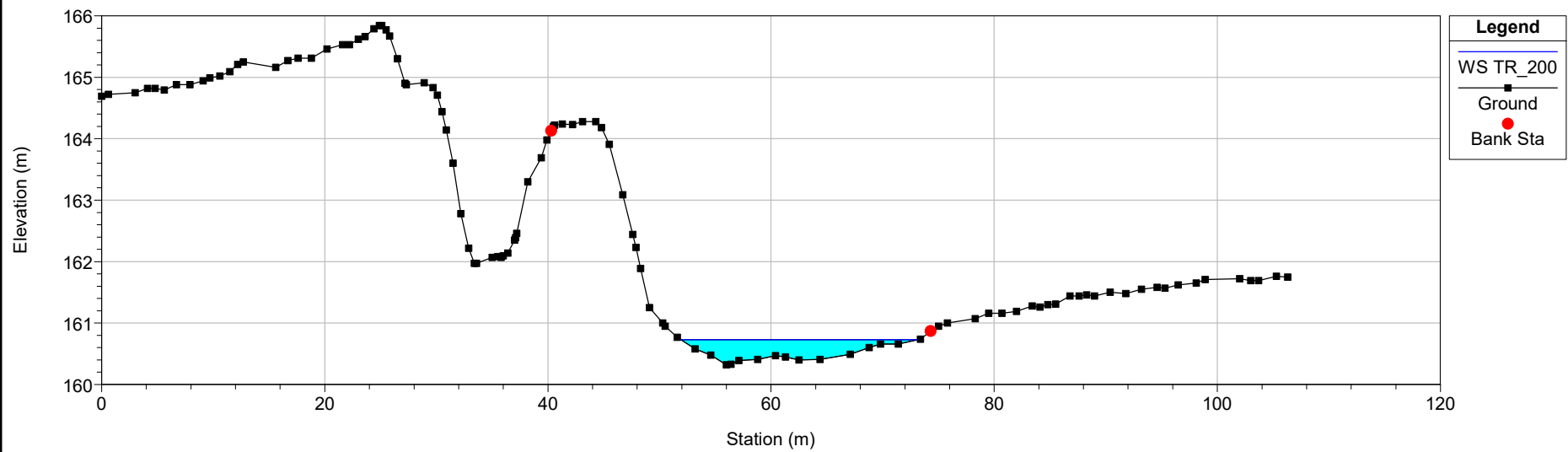
River = F-107625 Reach = canale RS = 43



River = F-107625 Reach = canale RS = 27



River = F-107625 Reach = canale RS = 19



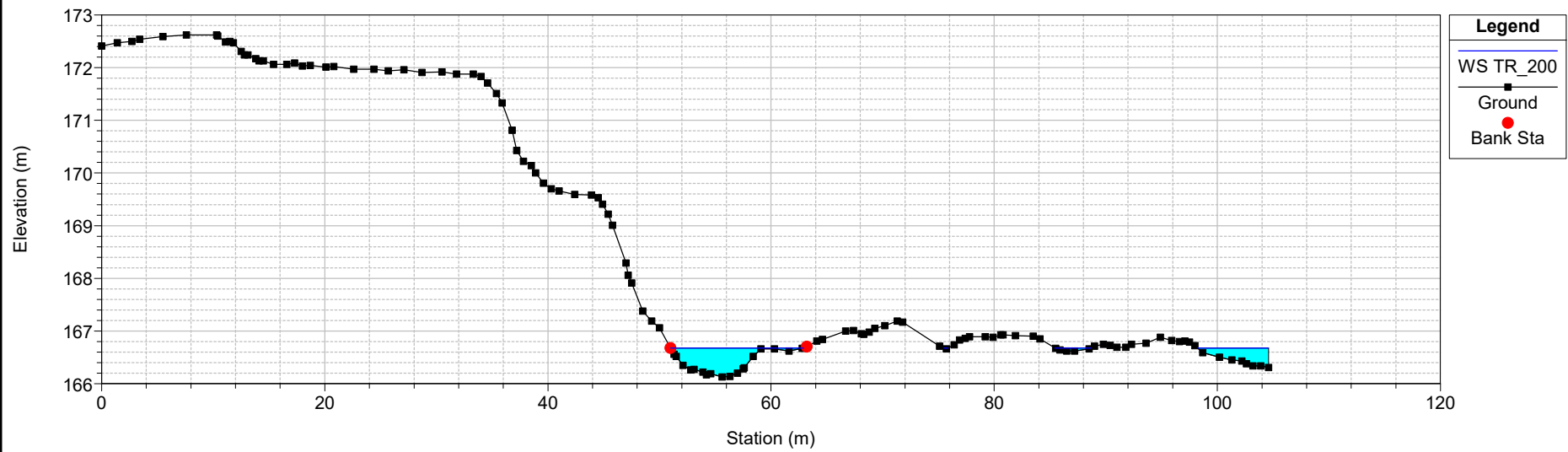
HEC-RAS Plan: sh06 River: F-107625 Reach: canale Profile: TR_200

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
canale	328	TR_200	7.30	166.56	167.31		167.31	0.000076	0.30	34.54	78.37	0.14
canale	325	TR_200	7.30	166.12	167.30	166.84	167.31	0.000093	0.60	32.60	59.16	0.18
canale	323		Bridge									
canale	318	TR_200	7.30	166.09	166.78	166.78	166.92	0.003005	1.79	6.31	25.23	0.88
canale	315	TR_200	7.30	166.13	166.71	166.71	166.84	0.004763	1.76	5.41	24.77	1.05
canale	308	TR_200	7.30	165.90	166.57		166.60	0.000884	1.03	14.55	43.24	0.48
canale	282	TR_200	7.30	165.74	166.39	166.37	166.48	0.002332	1.55	8.99	43.30	0.77
canale	250	TR_200	7.30	164.94	165.88	165.88	166.16	0.003690	2.34	3.15	6.39	0.99
canale	227	TR_200	7.30	164.44	165.77		165.81	0.000287	0.91	8.03	8.53	0.30
canale	219	TR_200	7.30	164.49	165.76	165.17	165.80	0.000312	0.94	7.76	8.48	0.31
canale	218		Bridge									
canale	214	TR_200	7.30	164.69	165.65		165.77	0.001435	1.52	4.80	8.19	0.63
canale	207	TR_200	7.30	164.66	165.62		165.73	0.001501	1.49	4.89	8.89	0.64
canale	188	TR_200	7.30	164.76	165.40	165.35	165.60	0.003002	1.98	3.68	7.32	0.89
canale	165	TR_200	7.30	164.31	165.24	165.12	165.40	0.001999	1.77	4.12	7.08	0.74
canale	132	TR_200	7.30	164.25	164.94	164.90	165.13	0.003164	1.93	3.78	8.28	0.91
canale	114	TR_200	7.30	164.11	164.94		165.01	0.000774	1.20	6.08	9.29	0.47
canale	108	TR_200	7.30	164.01	164.93	164.61	164.99	0.000626	1.09	6.69	9.96	0.42
canale	107		Bridge									
canale	103	TR_200	7.30	164.02	164.70	164.70	164.94	0.003891	2.18	3.34	7.02	1.01
canale	95	TR_200	7.30	164.00	164.54	164.54	164.77	0.003937	2.13	3.43	7.55	1.01
canale	79	TR_200	7.30	163.14	163.65	163.65	163.78	0.004544	1.64	4.48	19.01	1.01
canale	59	TR_200	7.30	161.05	161.48	161.47	161.58	0.004127	1.39	5.26	23.55	0.94
canale	43	TR_200	7.30	160.70	161.21	161.21	161.35	0.004416	1.66	4.39	15.79	1.01
canale	27	TR_200	7.30	160.53	160.91	160.91	161.05	0.004440	1.68	4.35	15.45	1.01
canale	19	TR_200	7.30	160.32	160.73	160.73	160.85	0.004744	1.51	4.83	21.18	1.01

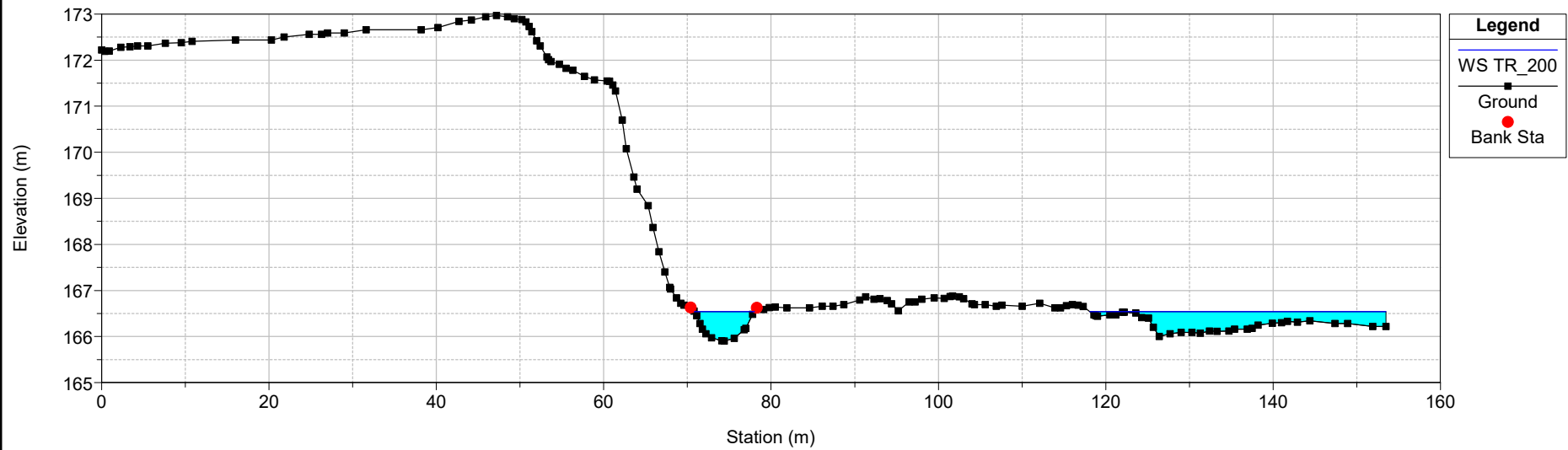
G191_SC_0006

SEZIONI

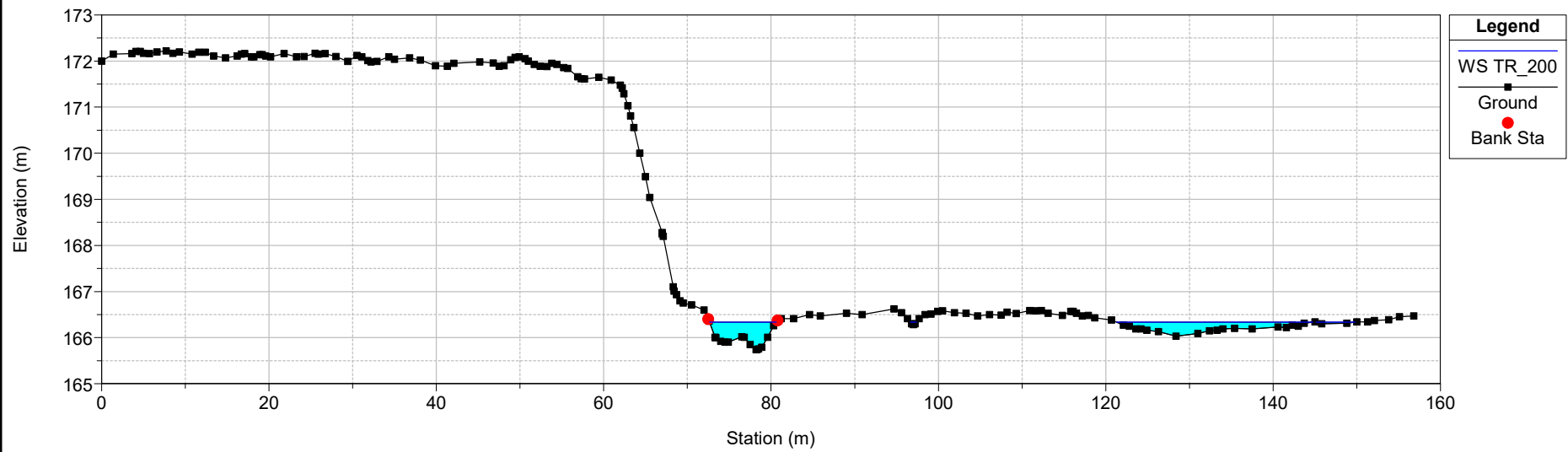
River = F-107625 Reach = canale RS = 315



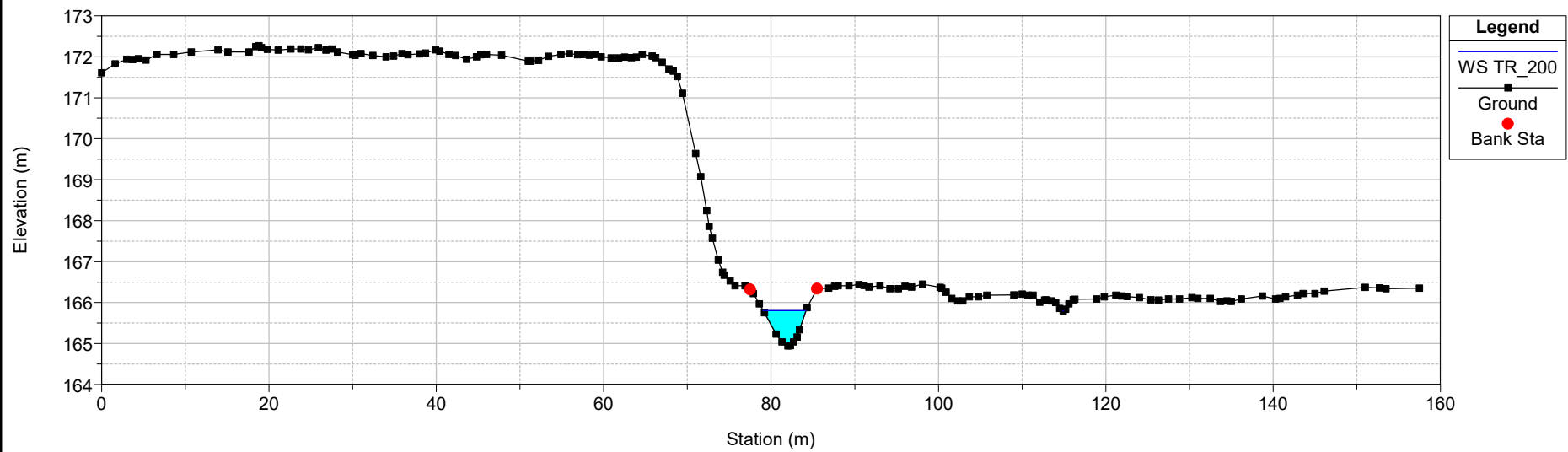
River = F-107625 Reach = canale RS = 308



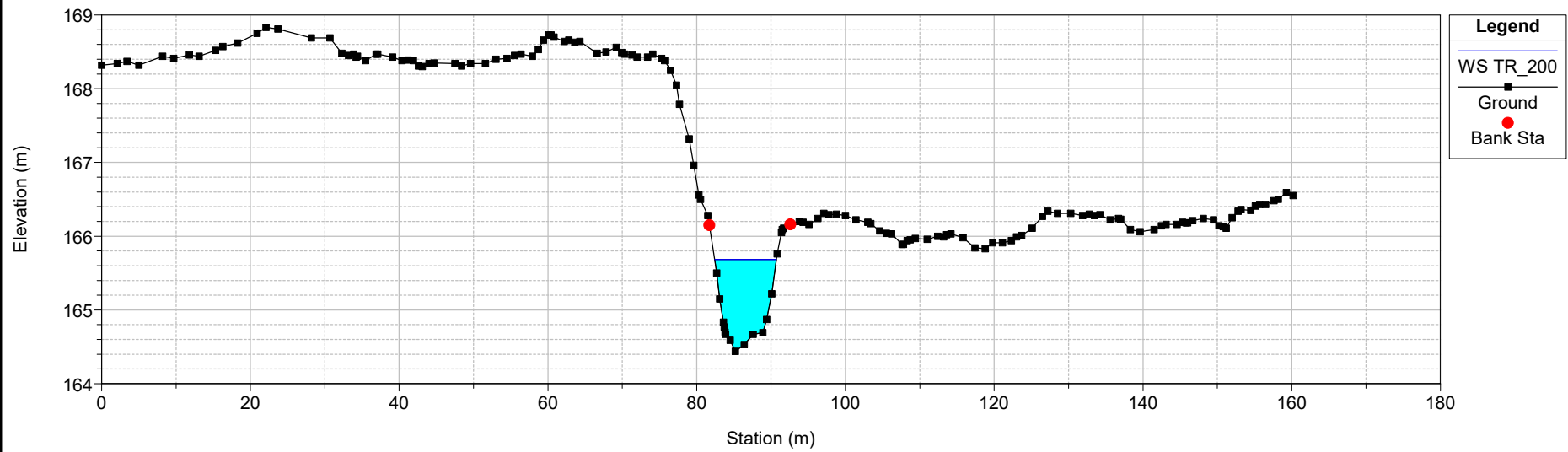
River = F-107625 Reach = canale RS = 282



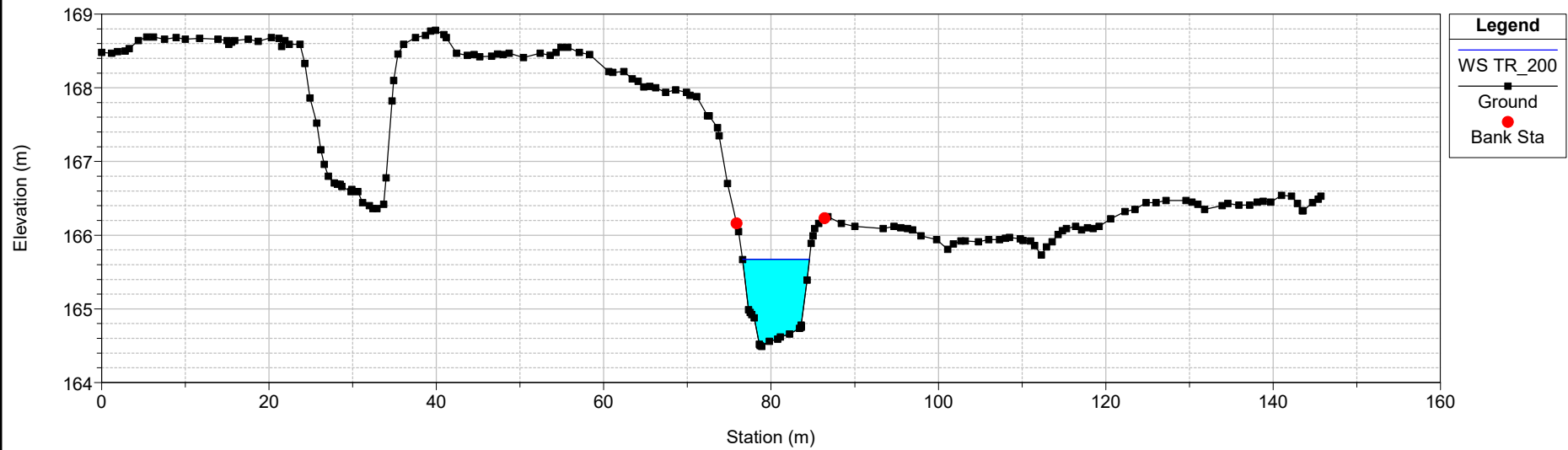
River = F-107625 Reach = canale RS = 250



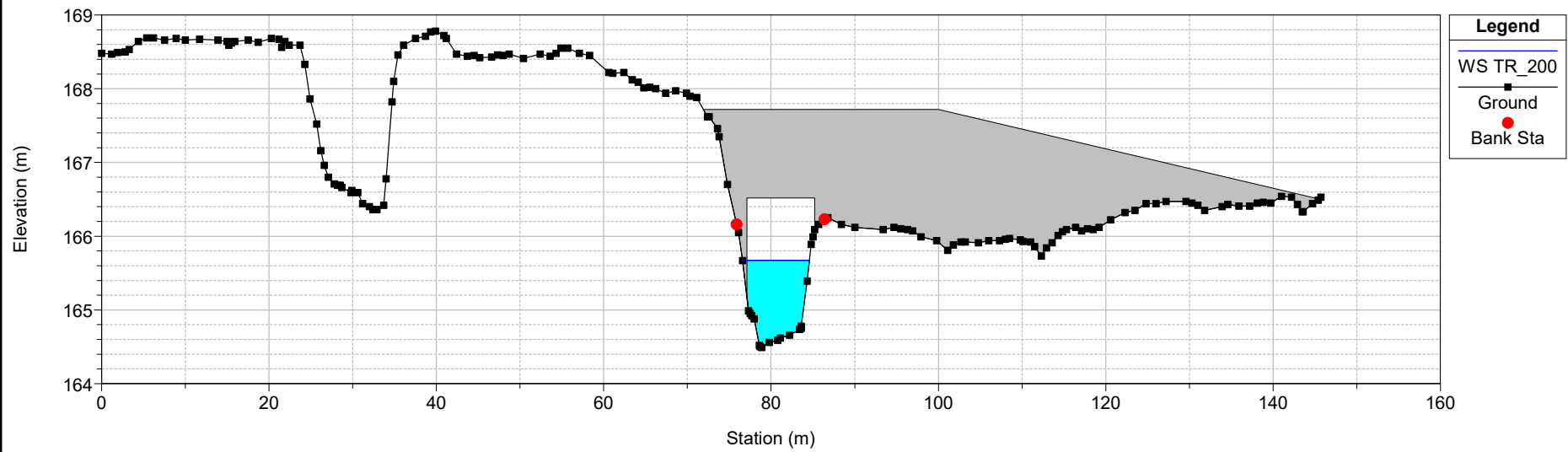
River = F-107625 Reach = canale RS = 227



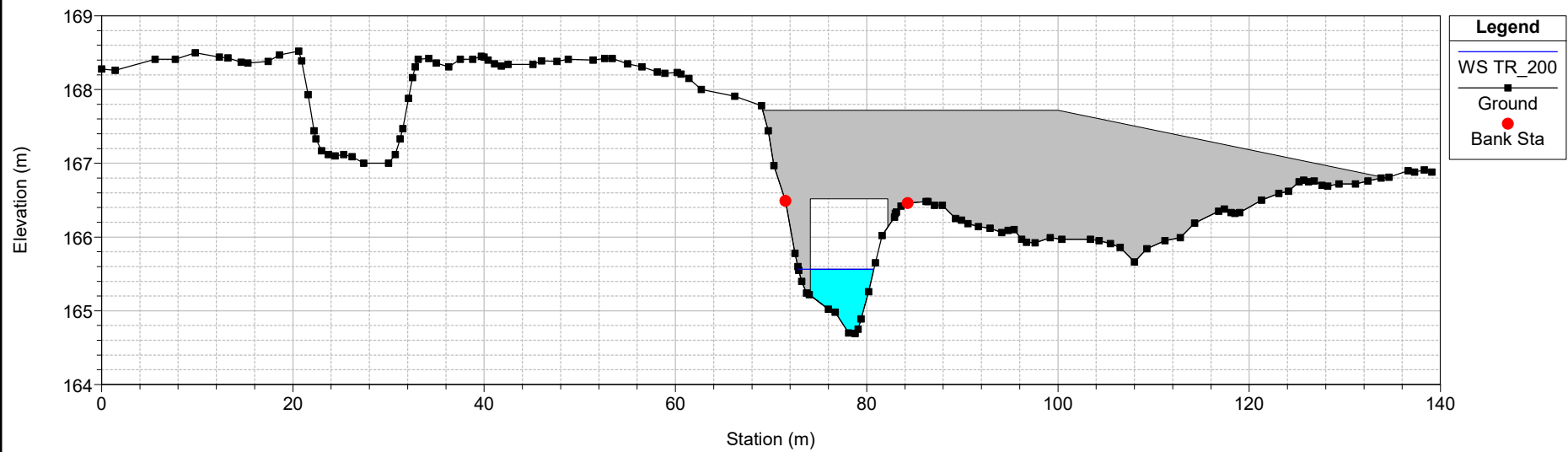
River = F-107625 Reach = canale RS = 219



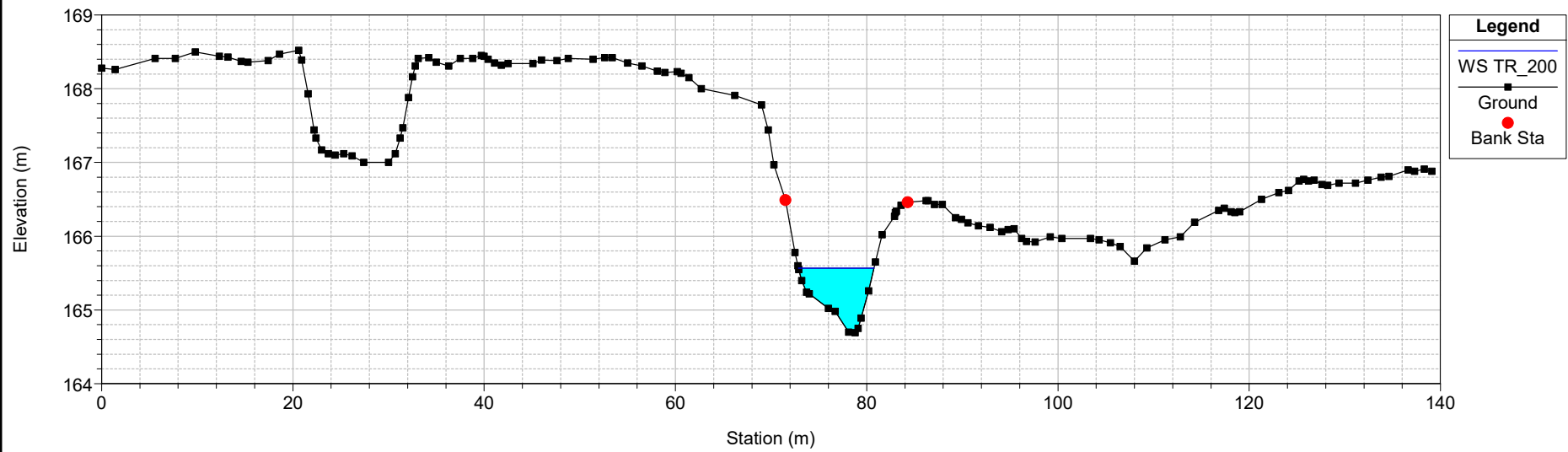
River = F-107625 Reach = canale RS = 218 BR SC_0006



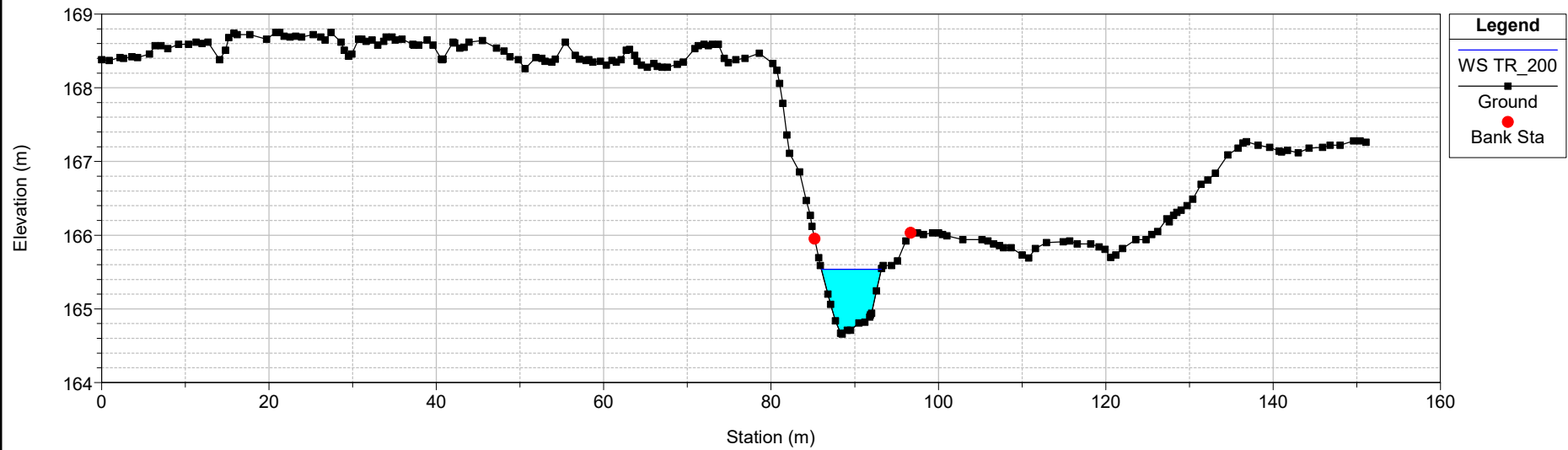
River = F-107625 Reach = canale RS = 218 BR SC_0006



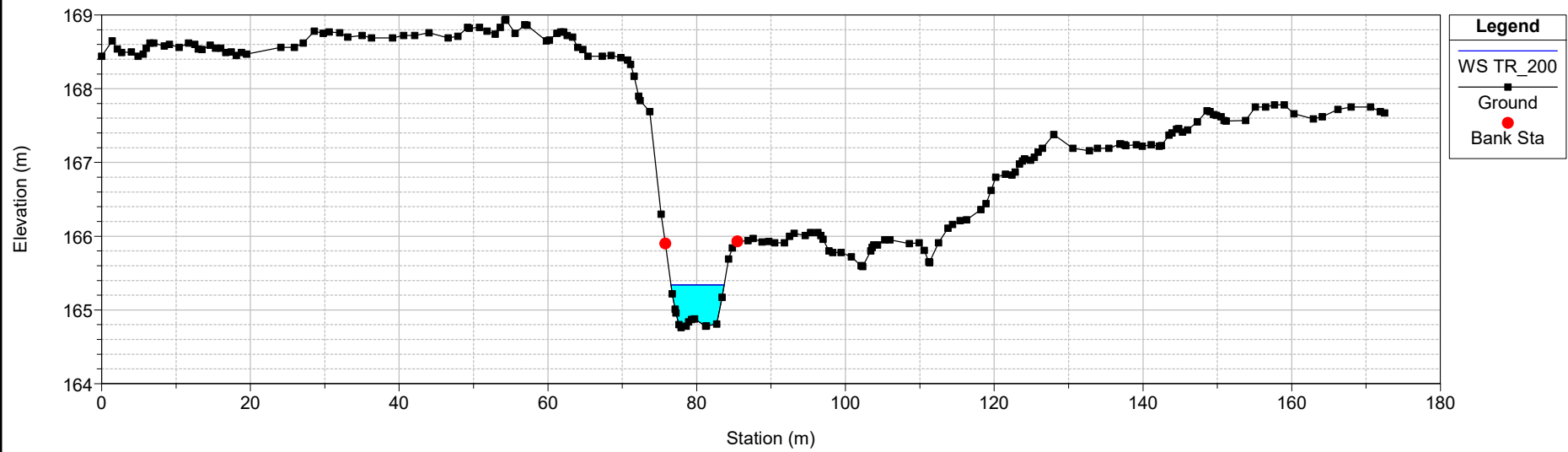
River = F-107625 Reach = canale RS = 214



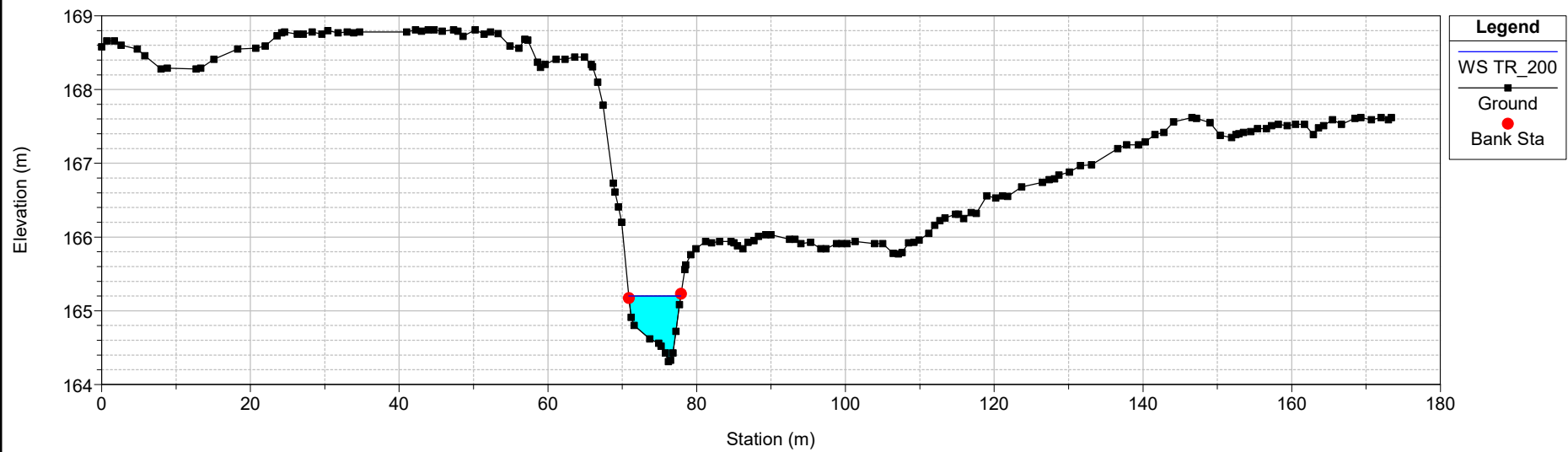
River = F-107625 Reach = canale RS = 207



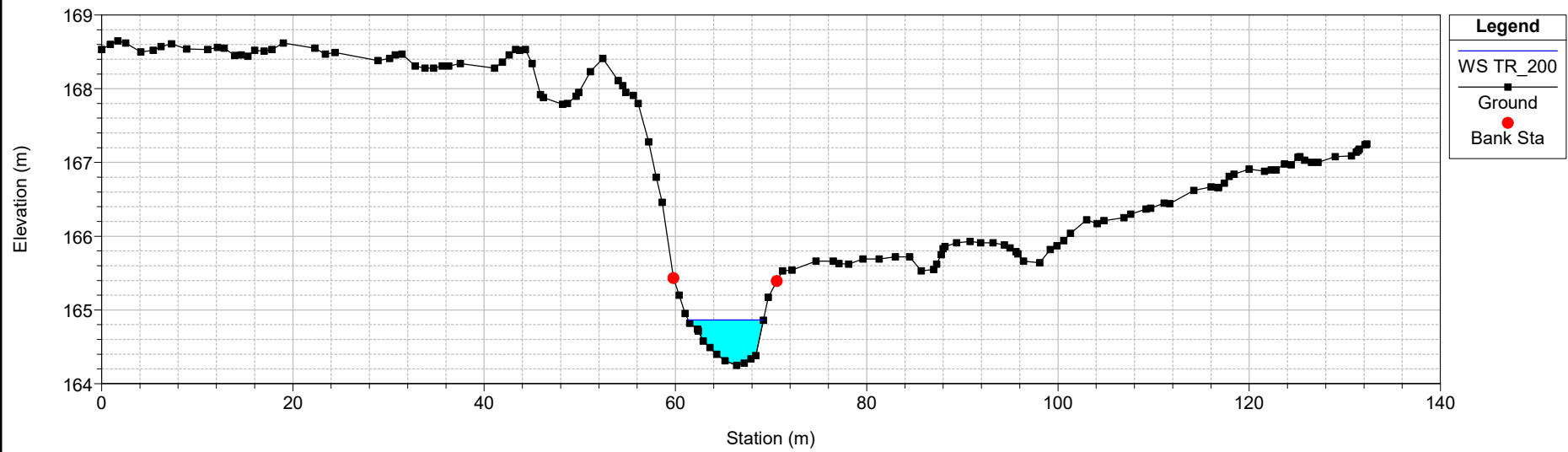
River = F-107625 Reach = canale RS = 188



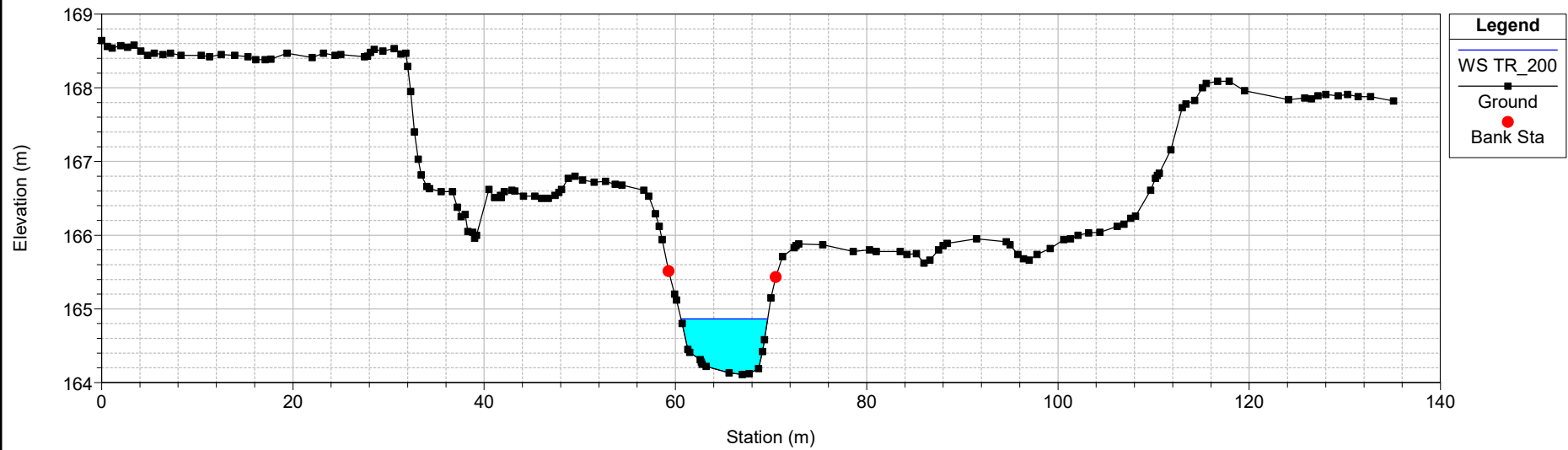
River = F-107625 Reach = canale RS = 165



River = F-107625 Reach = canale RS = 132



River = F-107625 Reach = canale RS = 114



HEC-RAS Plan: sh06 River: F-107625 Reach: canale Profile: TR_200

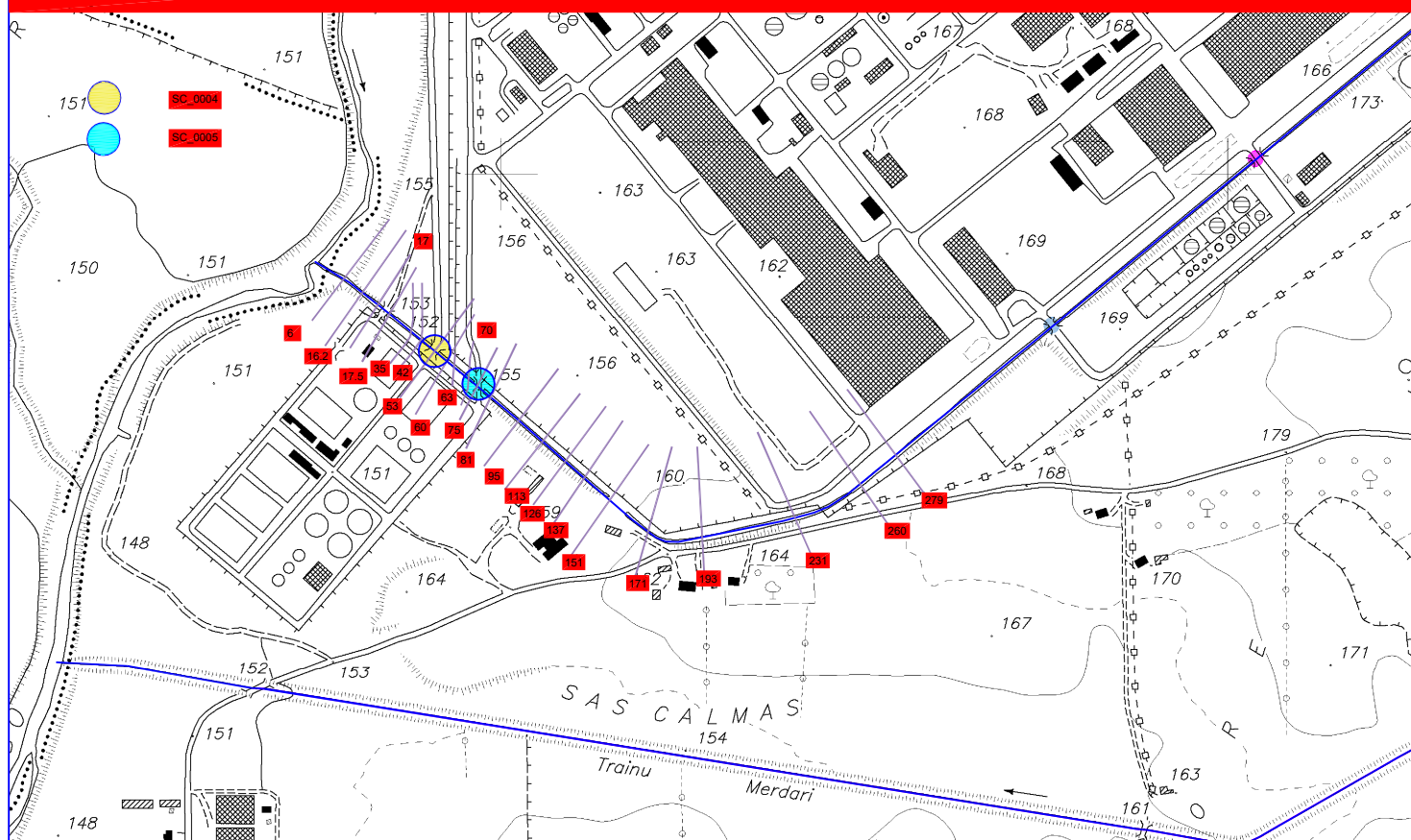
Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
			(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	
canale	328	TR_200	6.17	166.56	167.21		167.22	0.000123	0.33	26.90	78.04	0.18
canale	325	TR_200	6.17	166.12	167.21	166.80	167.22	0.000114	0.62	26.76	58.88	0.20
canale	323		Bridge									
canale	318	TR_200	6.17	166.09	166.73	166.73	166.87	0.003639	1.80	4.98	23.82	0.95
canale	315	TR_200	6.17	166.13	166.68	166.68	166.80	0.004707	1.66	4.75	21.93	1.03
canale	308	TR_200	6.17	165.90	166.54		166.57	0.000846	0.98	13.08	42.58	0.47
canale	282	TR_200	6.17	165.74	166.33	166.33	166.44	0.002914	1.61	6.69	36.80	0.84
canale	250	TR_200	6.17	164.94	165.80	165.80	166.07	0.003892	2.29	2.70	5.20	1.01
canale	227	TR_200	6.17	164.44	165.68		165.72	0.000266	0.84	7.32	8.28	0.29
canale	219	TR_200	6.17	164.49	165.67	165.12	165.71	0.000290	0.87	7.09	7.99	0.30
canale	218		Bridge									
canale	214	TR_200	6.17	164.69	165.57		165.68	0.001602	1.49	4.13	7.89	0.66
canale	207	TR_200	6.17	164.66	165.54		165.64	0.001282	1.45	4.26	7.16	0.60
canale	188	TR_200	6.17	164.76	165.34	165.30	165.52	0.003051	1.88	3.28	7.15	0.89
canale	165	TR_200	6.17	164.31	165.20	165.07	165.33	0.001795	1.61	3.83	6.99	0.69
canale	132	TR_200	6.17	164.25	164.87	164.85	165.05	0.003691	1.93	3.20	7.88	0.97
canale	114	TR_200	6.17	164.11	164.86		164.93	0.000783	1.14	5.42	9.06	0.47
canale	108	TR_200	6.17	164.01	164.86	164.57	164.91	0.000636	1.03	5.97	9.79	0.42
canale	107		Bridge									
canale	103	TR_200	6.17	164.02	164.64	164.64	164.86	0.003998	2.08	2.97	6.87	1.01
canale	95	TR_200	6.17	164.00	164.49	164.49	164.70	0.004044	2.02	3.05	7.42	1.01
canale	79	TR_200	6.17	163.14	163.62	163.62	163.74	0.004835	1.57	3.94	16.49	1.02
canale	59	TR_200	6.17	161.05	161.46	161.45	161.55	0.004351	1.33	4.64	23.02	0.95
canale	43	TR_200	6.17	160.70	161.17	161.17	161.30	0.004600	1.60	3.85	15.07	1.01
canale	27	TR_200	6.17	160.53	160.88	160.88	161.01	0.004592	1.59	3.87	15.21	1.01
canale	19	TR_200	6.17	160.32	160.70	160.70	160.81	0.004885	1.45	4.25	20.24	1.01

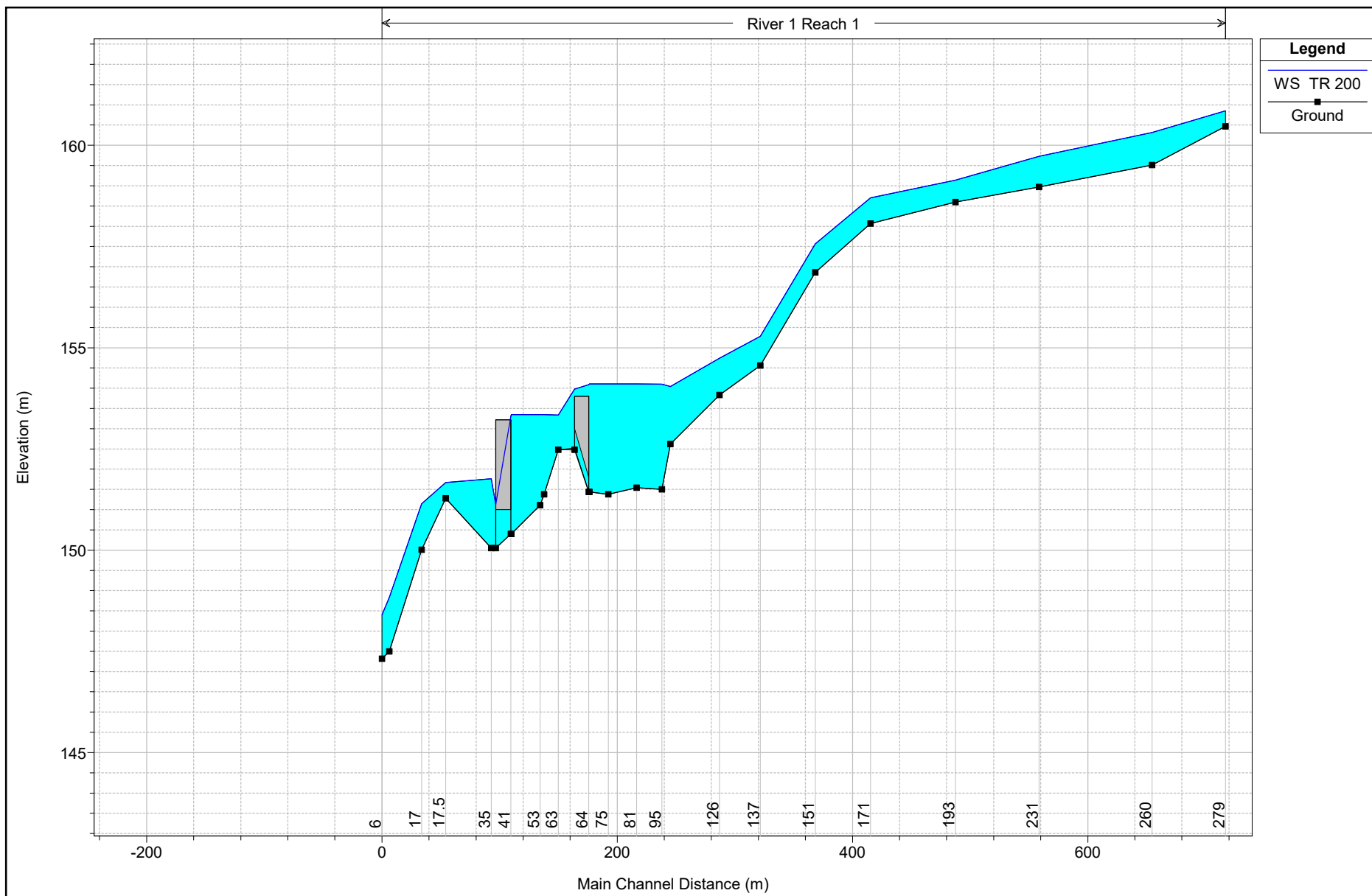
FIUME _107625 (CANALE DI GUARDIA ZONA INDUSTRIALE)

ATTRAVERSAMENTI:

- SC 0004
- SC 0005

FIUME _107625 (CANALE DI GUARDIA Z.I.)
SC_0004-SC_0005
COROGRAFIA UBICAZIONE SEZIONI IDRAULICHE

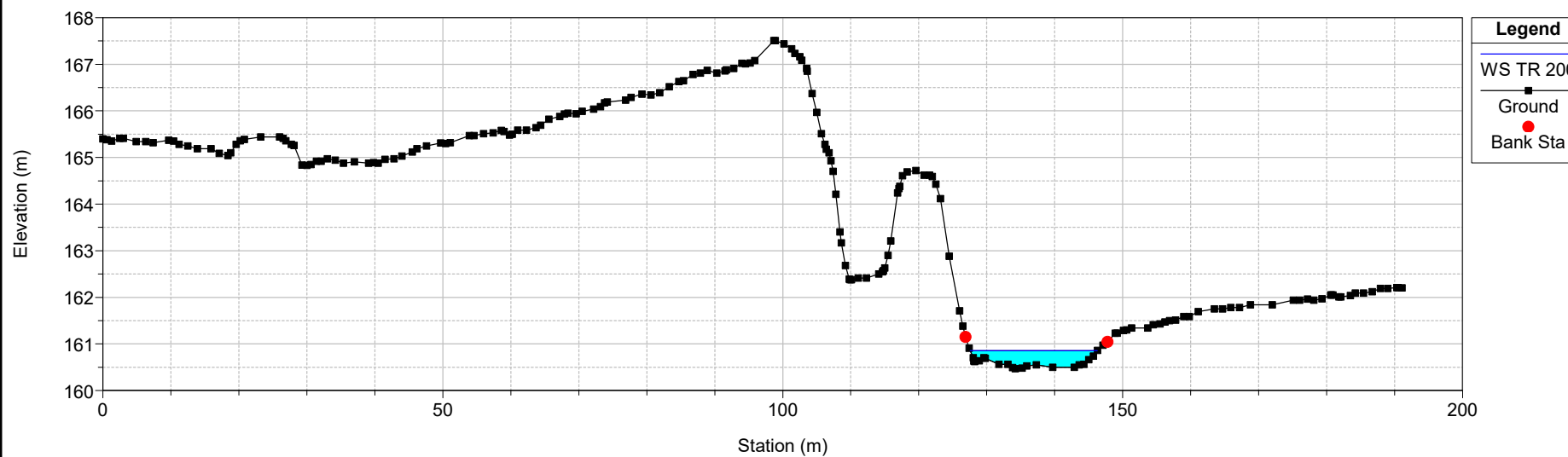




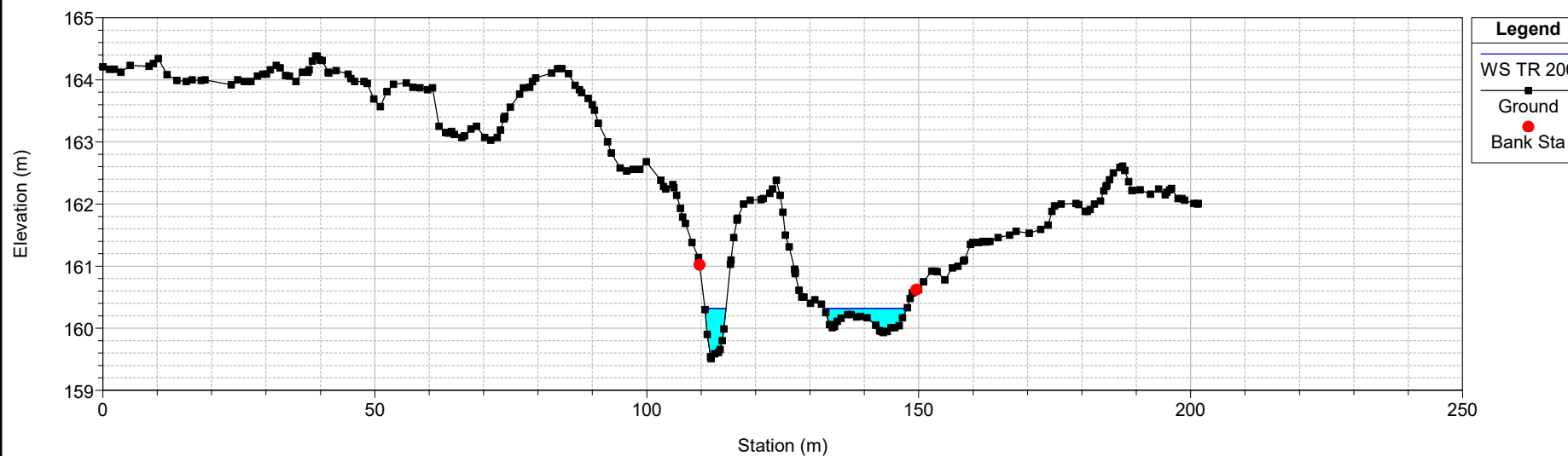
G191_SC_0004-05

SEZIONI

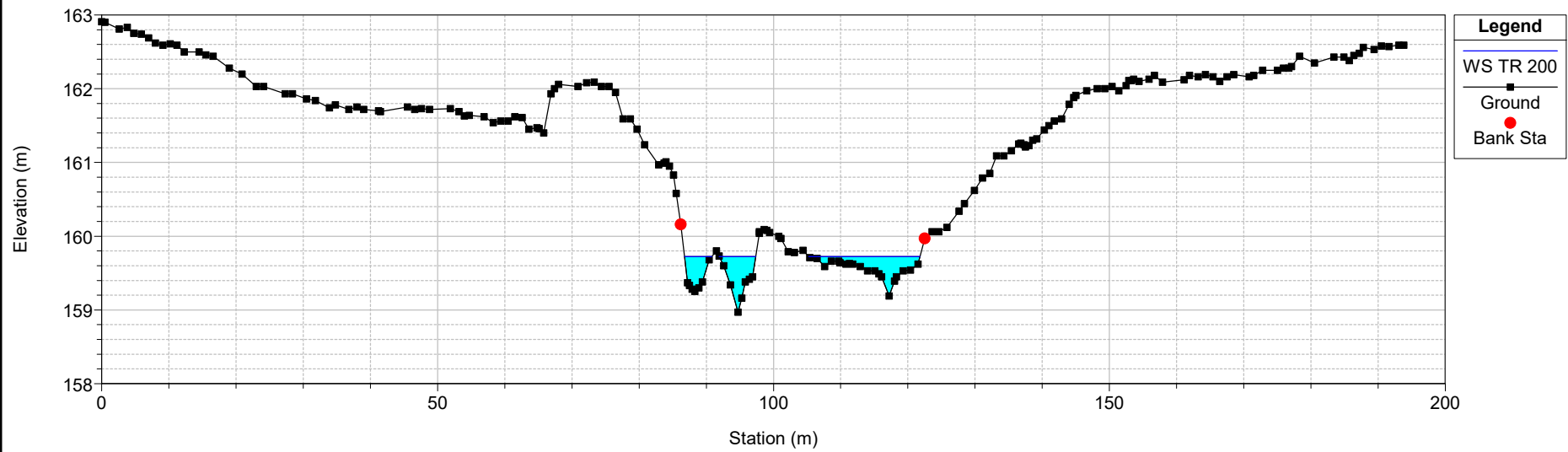
River = River 1 Reach = Reach 1 RS = 279



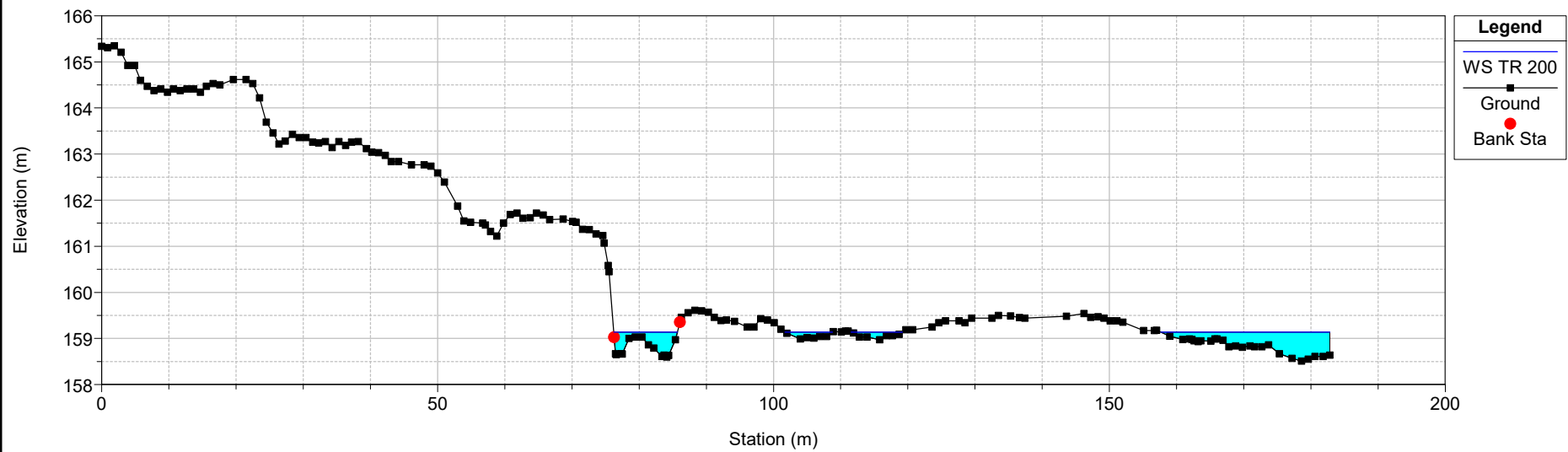
River = River 1 Reach = Reach 1 RS = 260



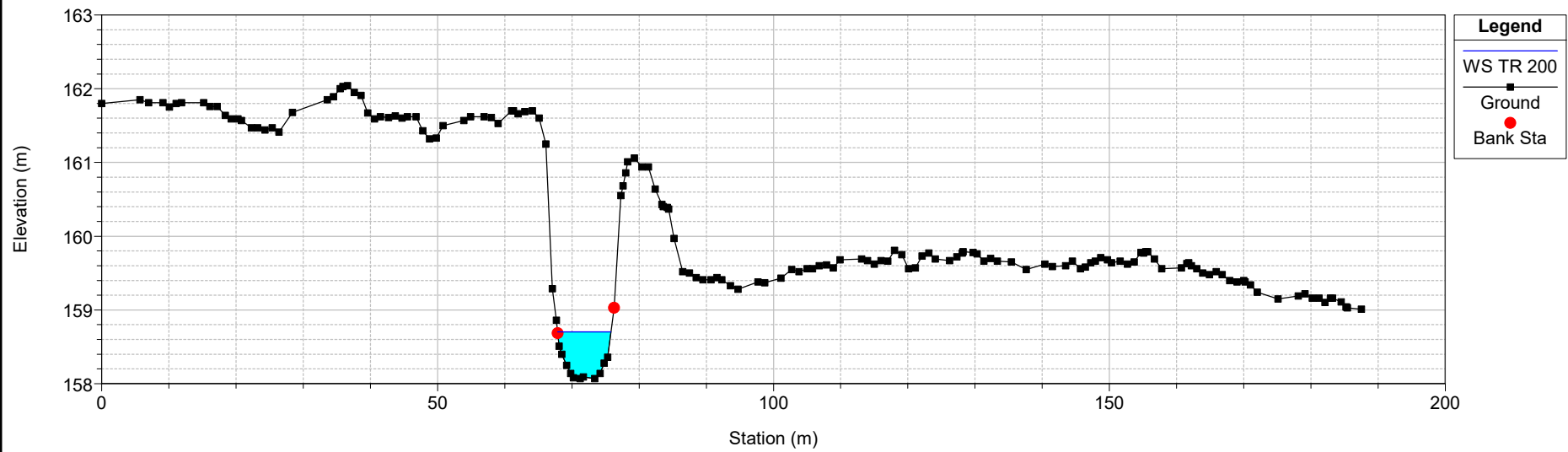
River = River 1 Reach = Reach 1 RS = 231



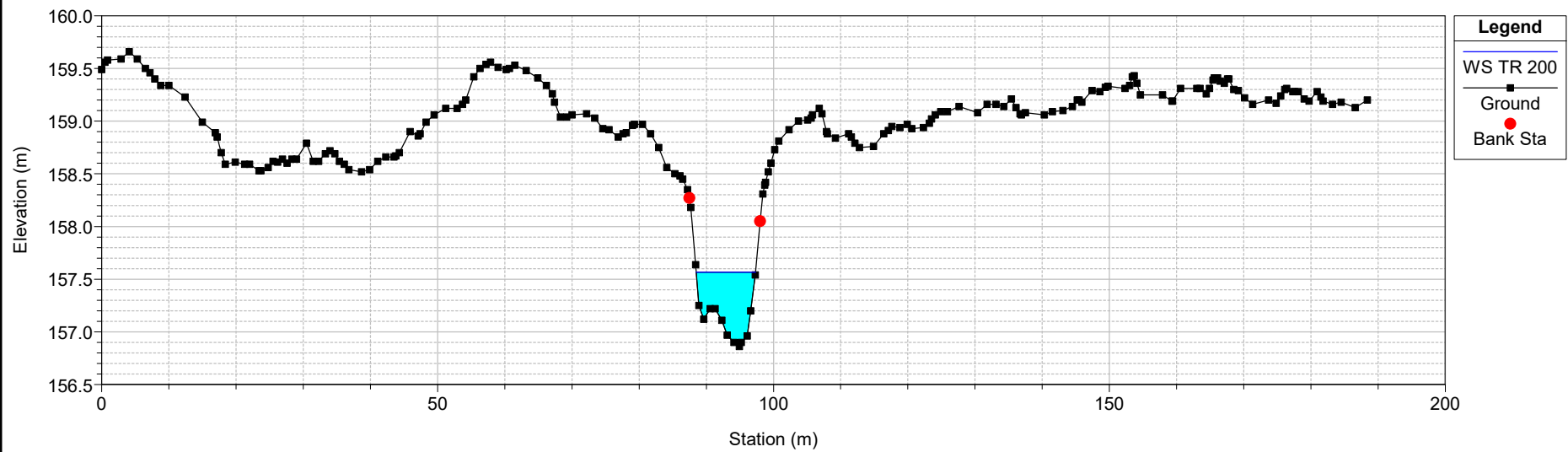
River = River 1 Reach = Reach 1 RS = 193



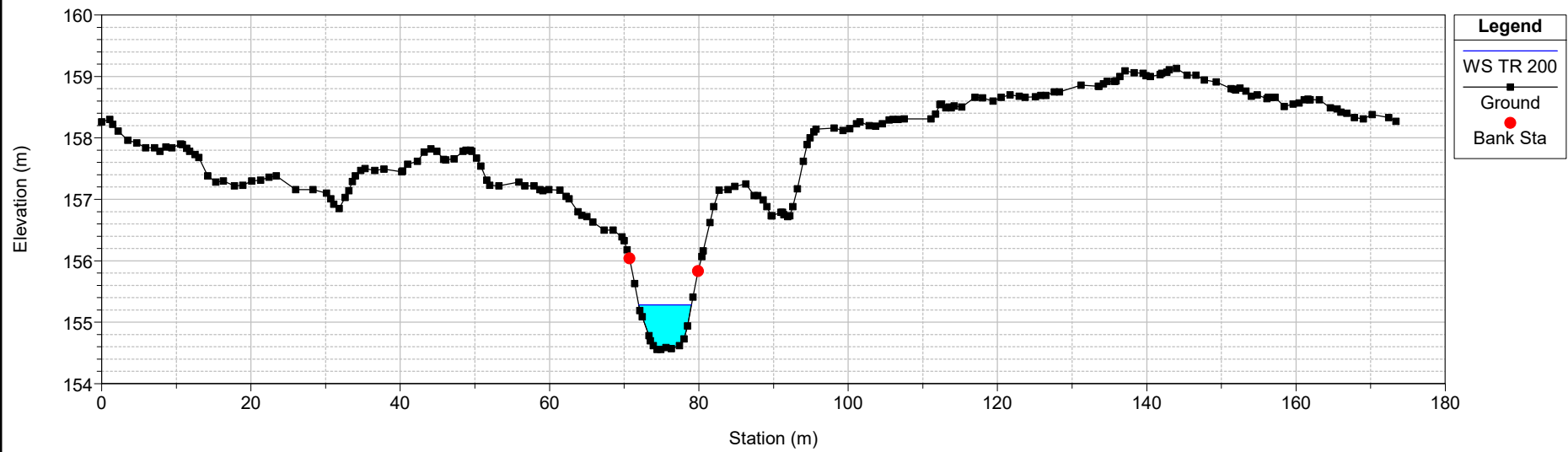
River = River 1 Reach = Reach 1 RS = 171



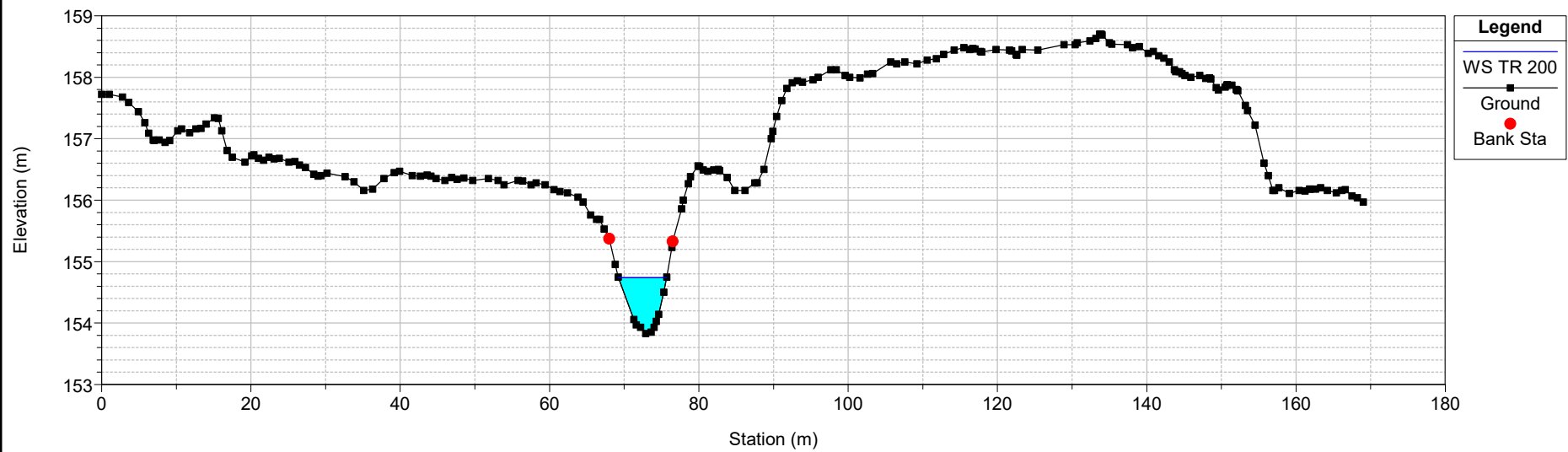
River = River 1 Reach = Reach 1 RS = 151



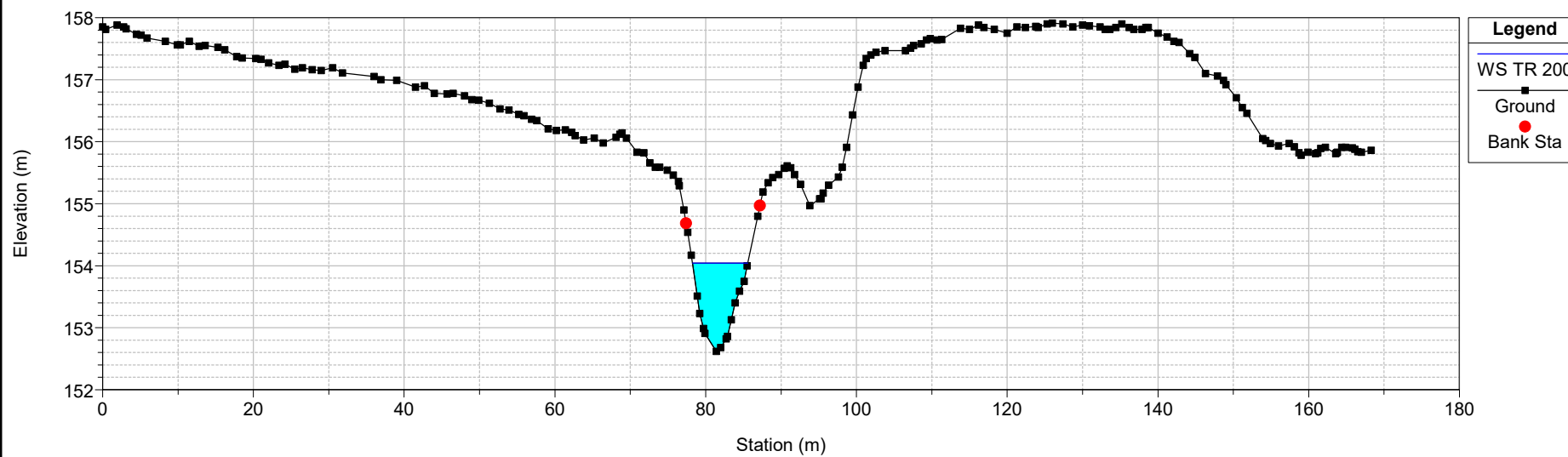
River = River 1 Reach = Reach 1 RS = 137



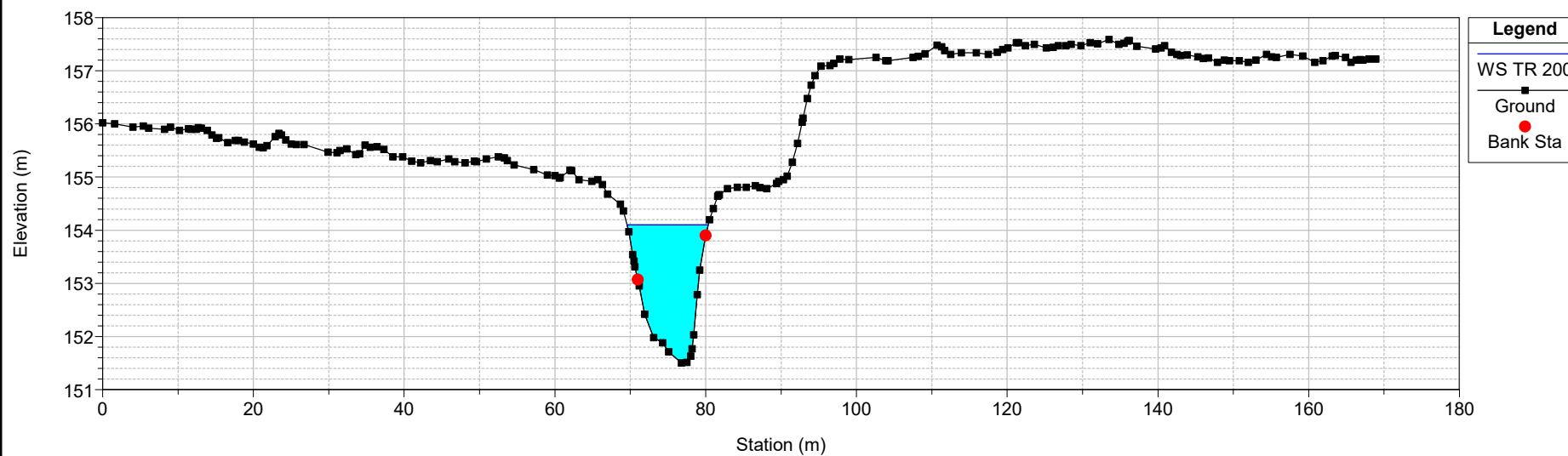
River = River 1 Reach = Reach 1 RS = 126



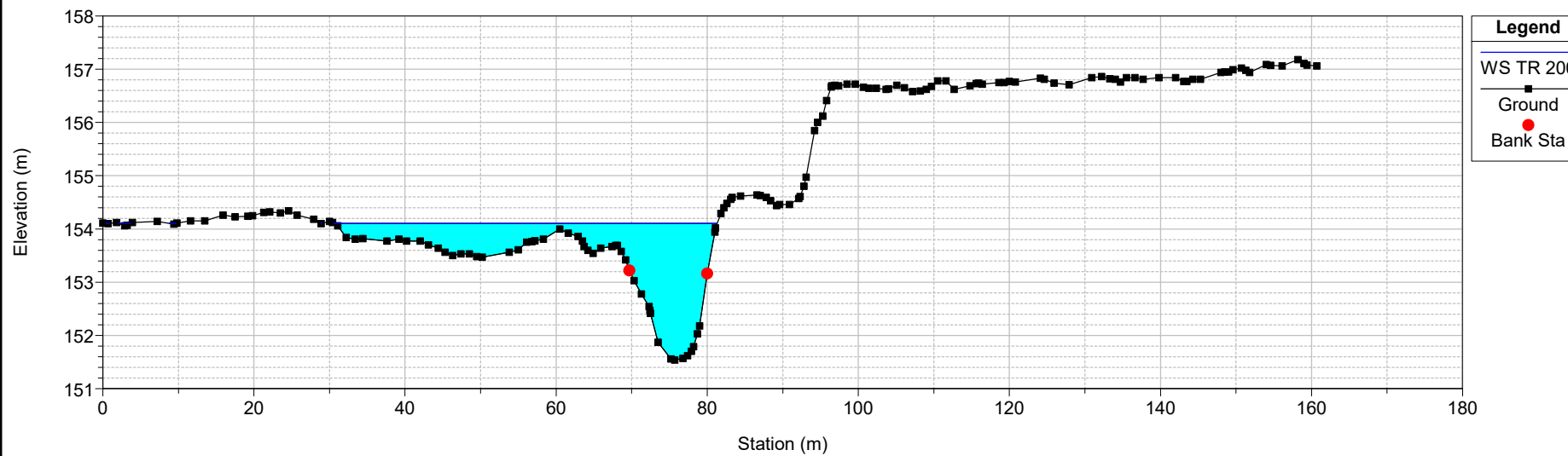
River = River 1 Reach = Reach 1 RS = 113



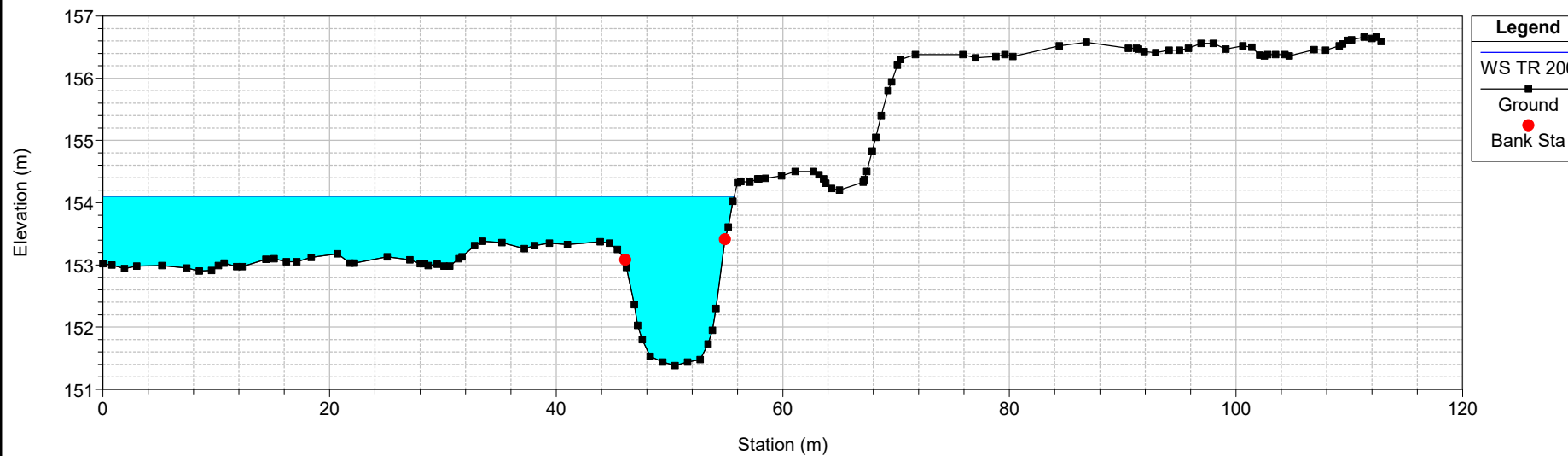
River = River 1 Reach = Reach 1 RS = 95



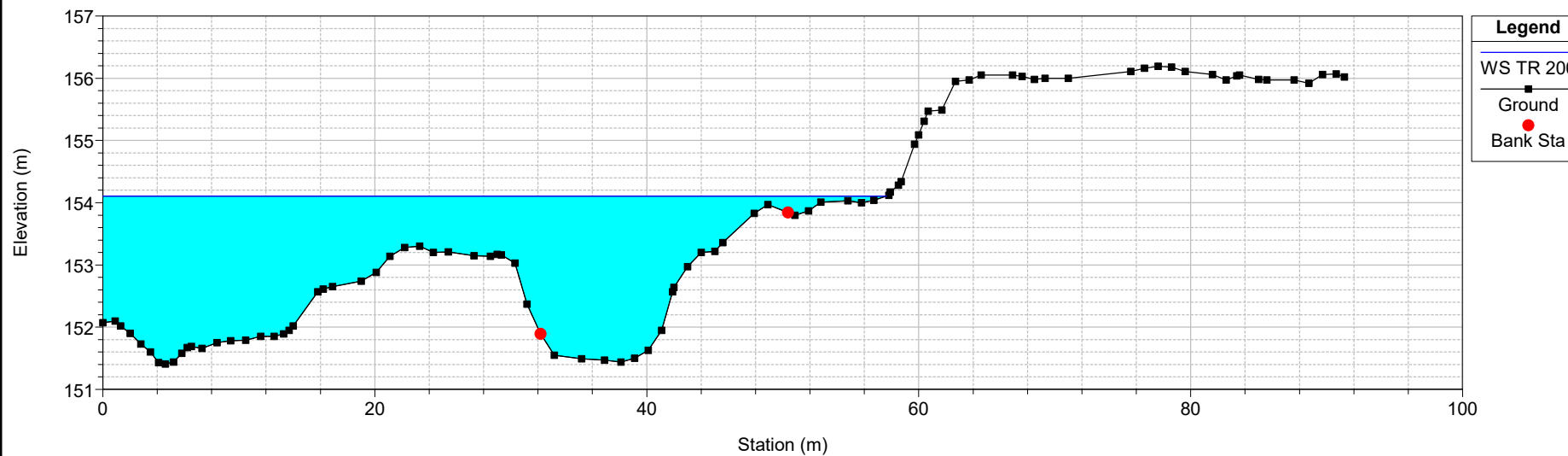
River = River 1 Reach = Reach 1 RS = 81



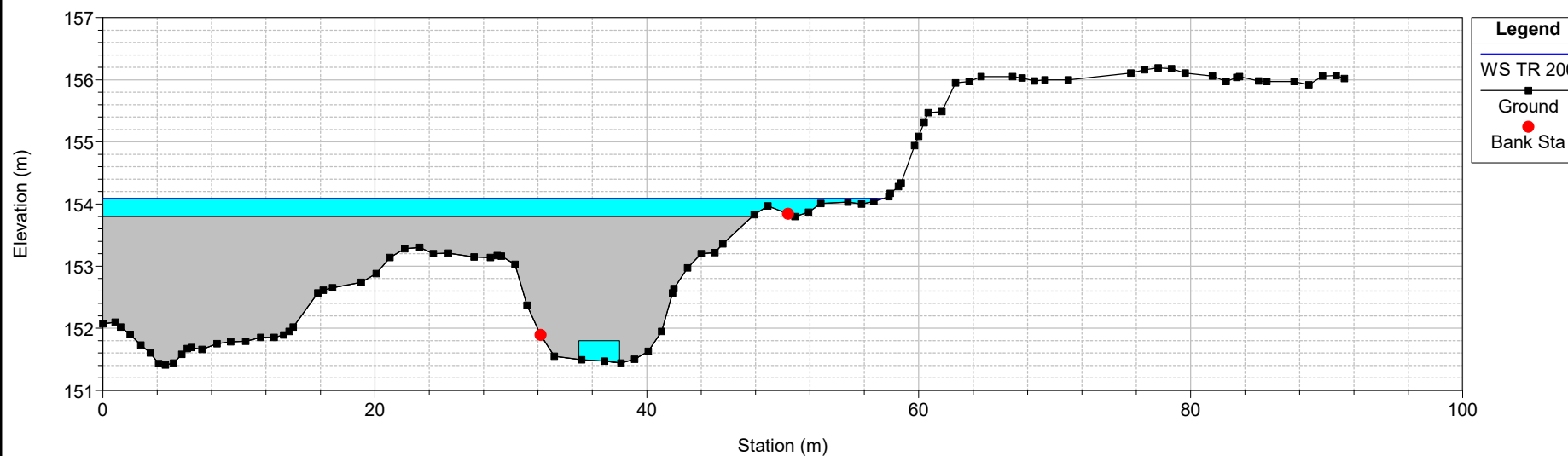
River = River 1 Reach = Reach 1 RS = 75



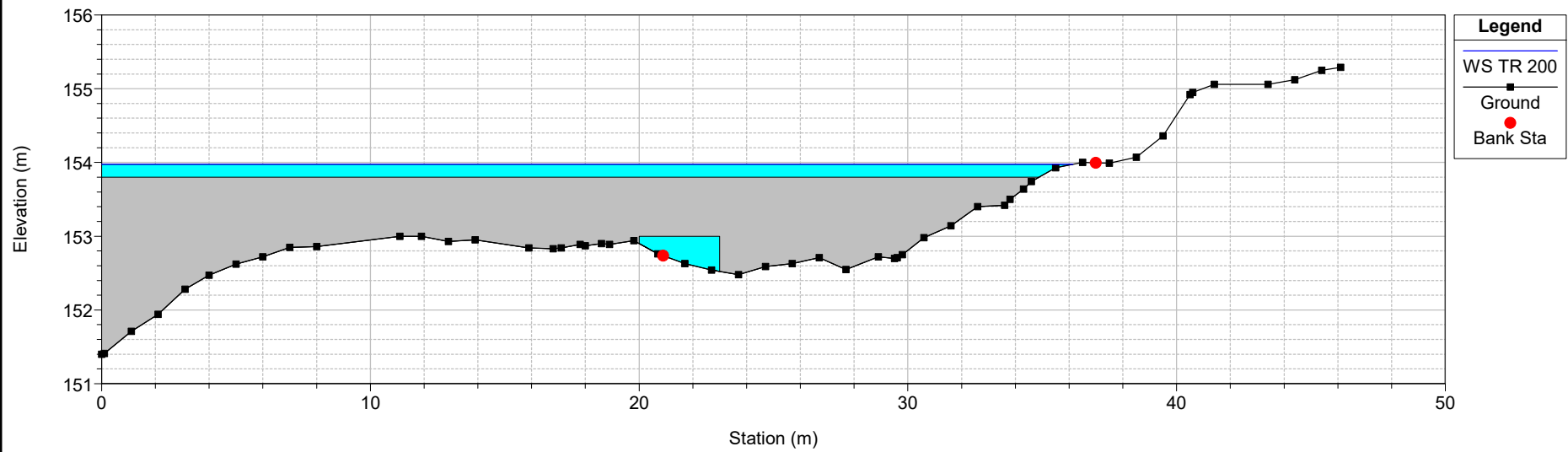
River = River 1 Reach = Reach 1 RS = 70



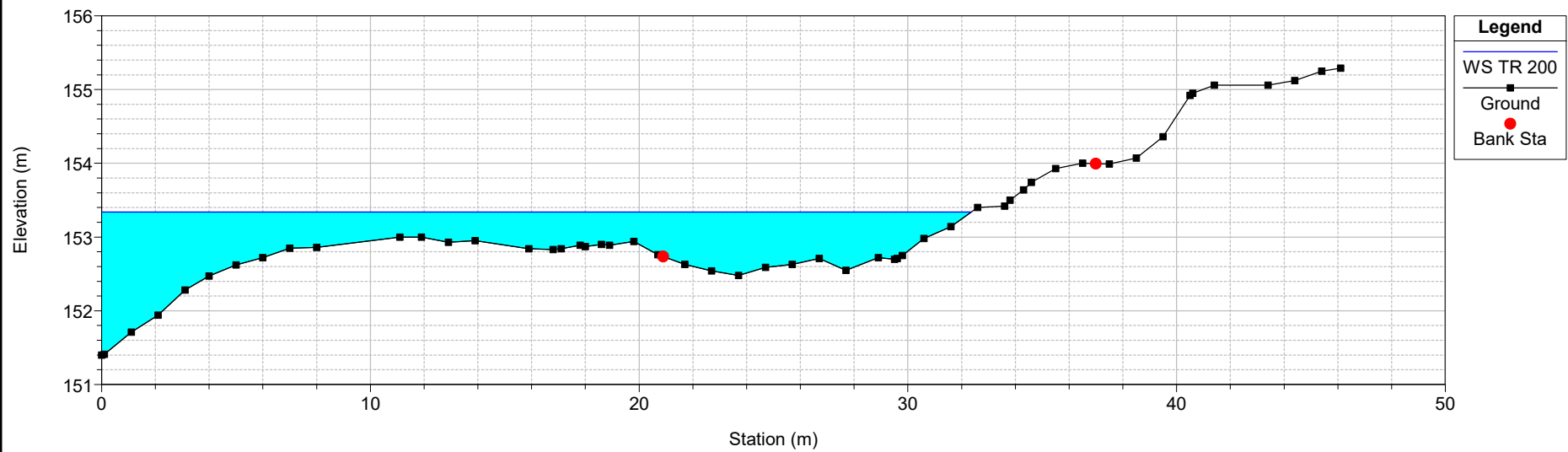
River = River 1 Reach = Reach 1 RS = 64 BR



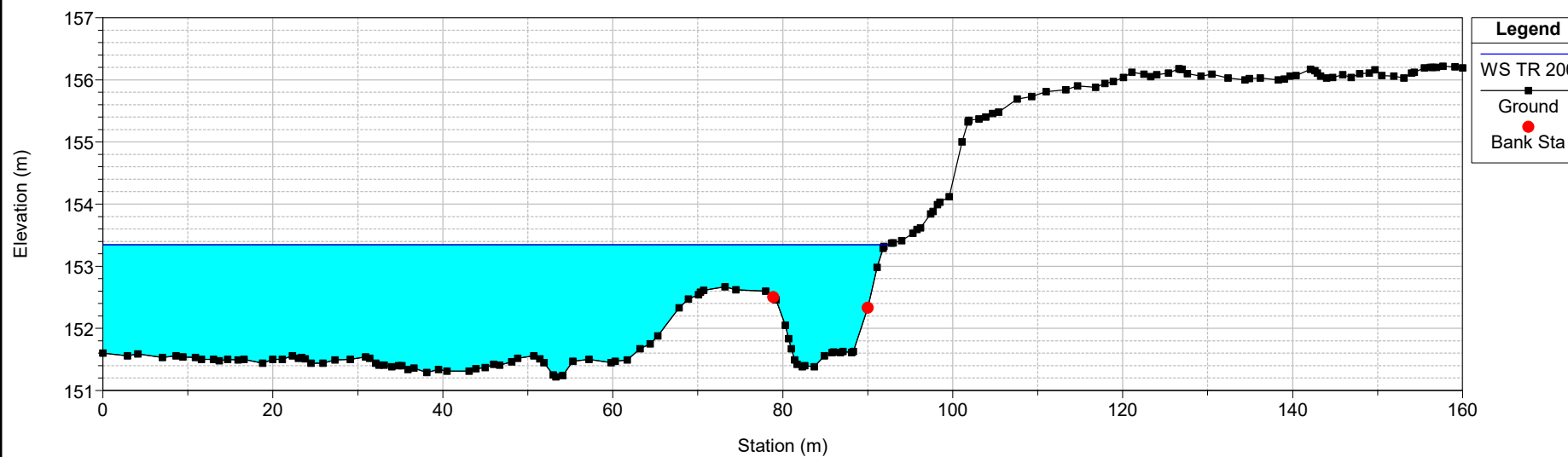
River = River 1 Reach = Reach 1 RS = 64 BR



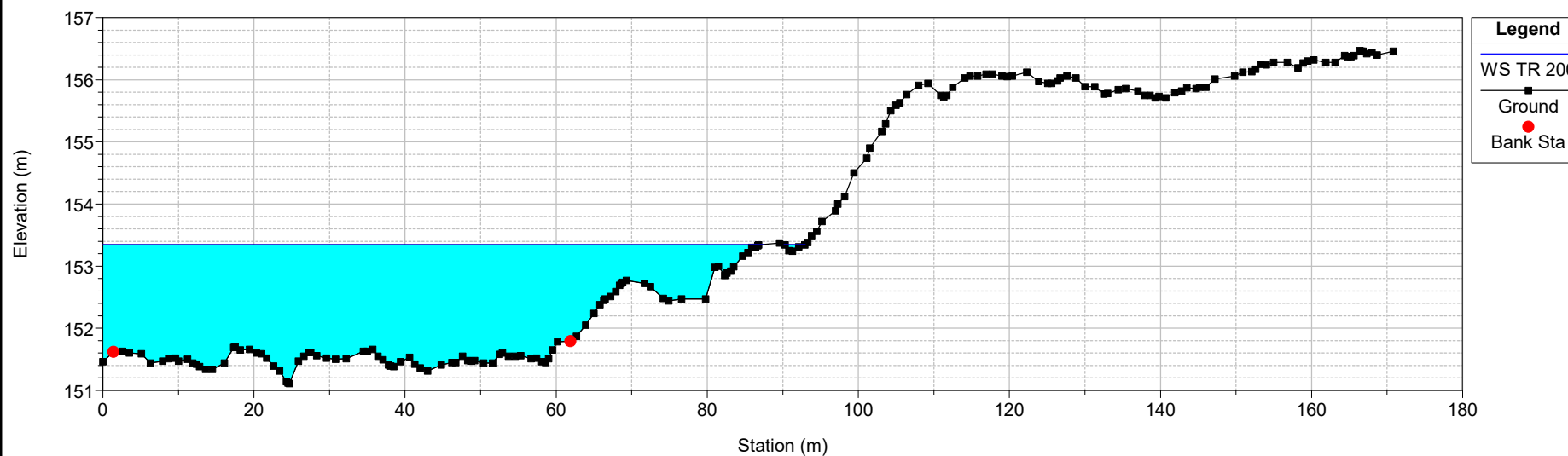
River = River 1 Reach = Reach 1 RS = 63



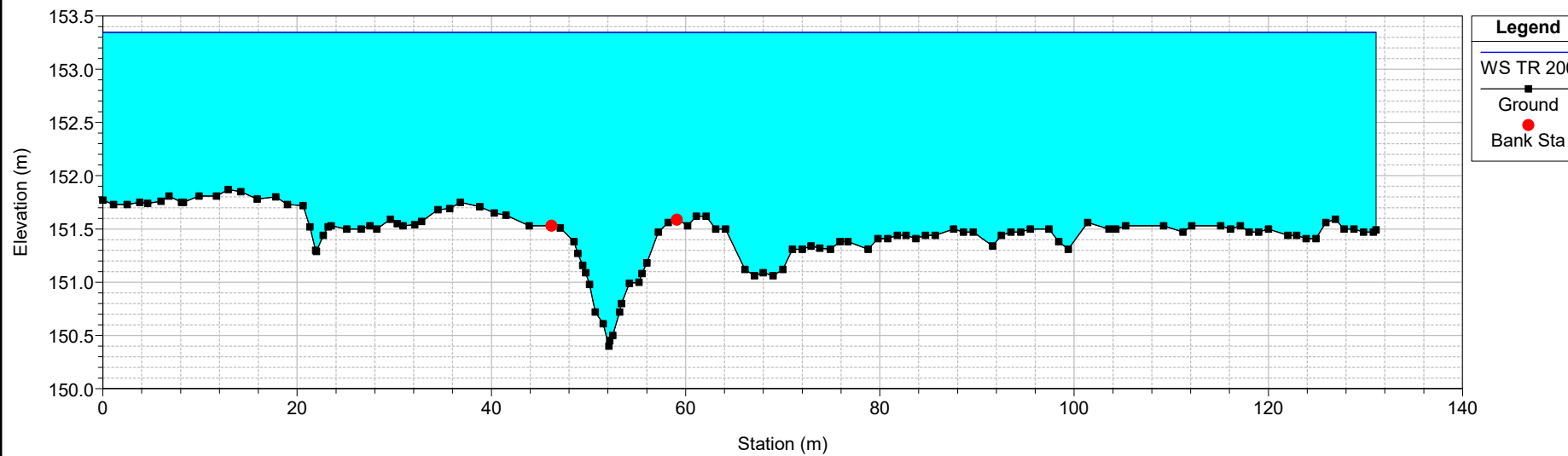
River = River 1 Reach = Reach 1 RS = 60



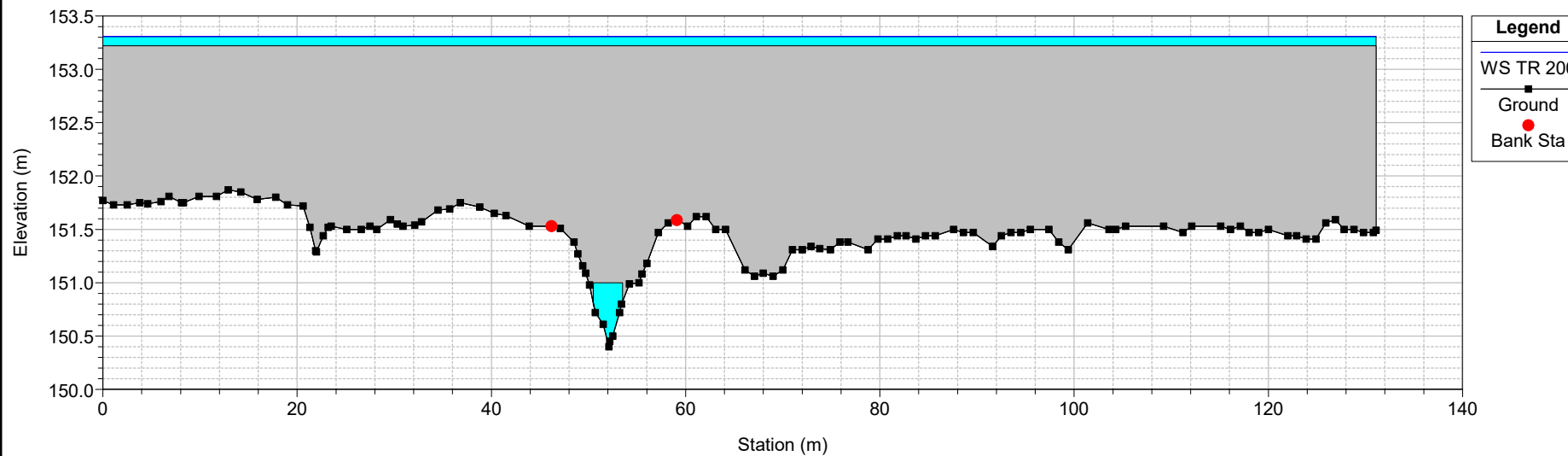
River = River 1 Reach = Reach 1 RS = 53



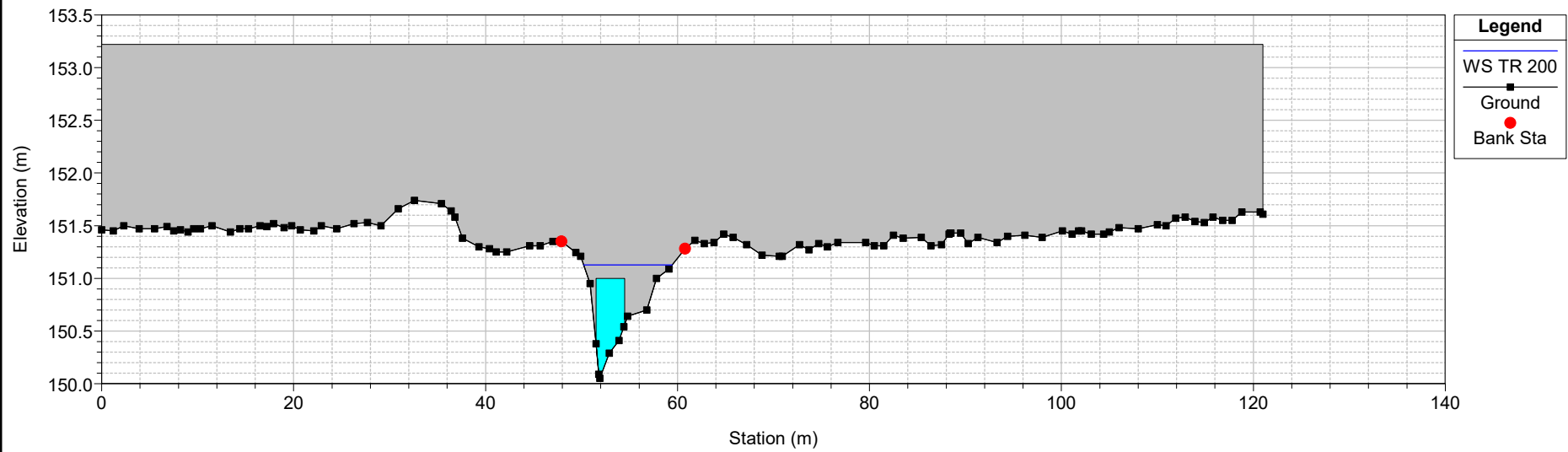
River = River 1 Reach = Reach 1 RS = 42



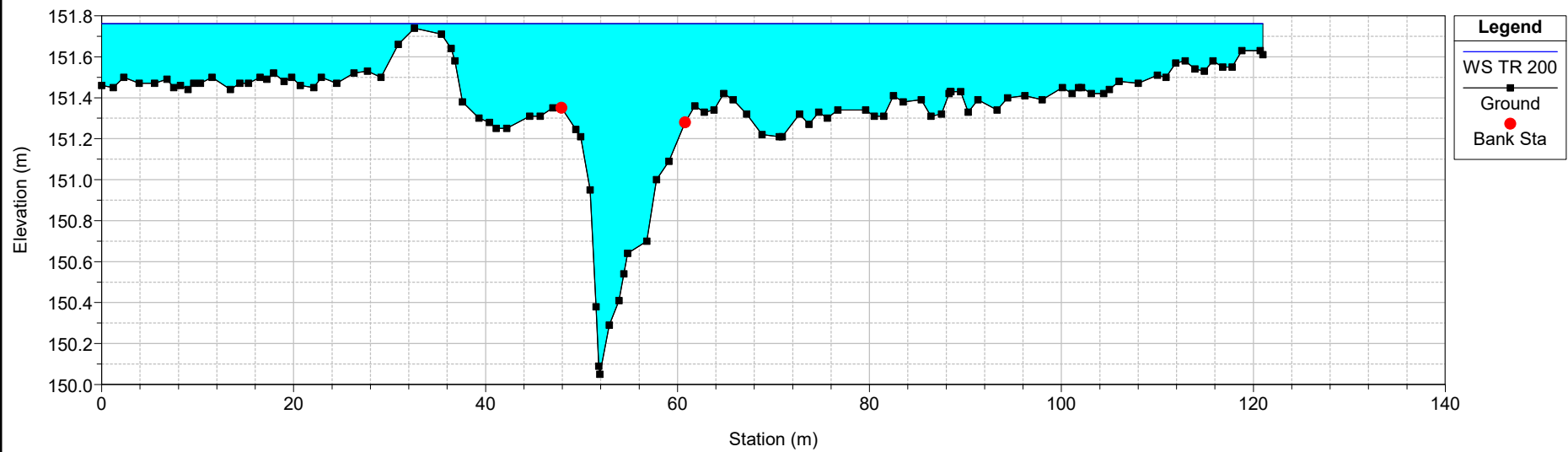
River = River 1 Reach = Reach 1 RS = 41 BR



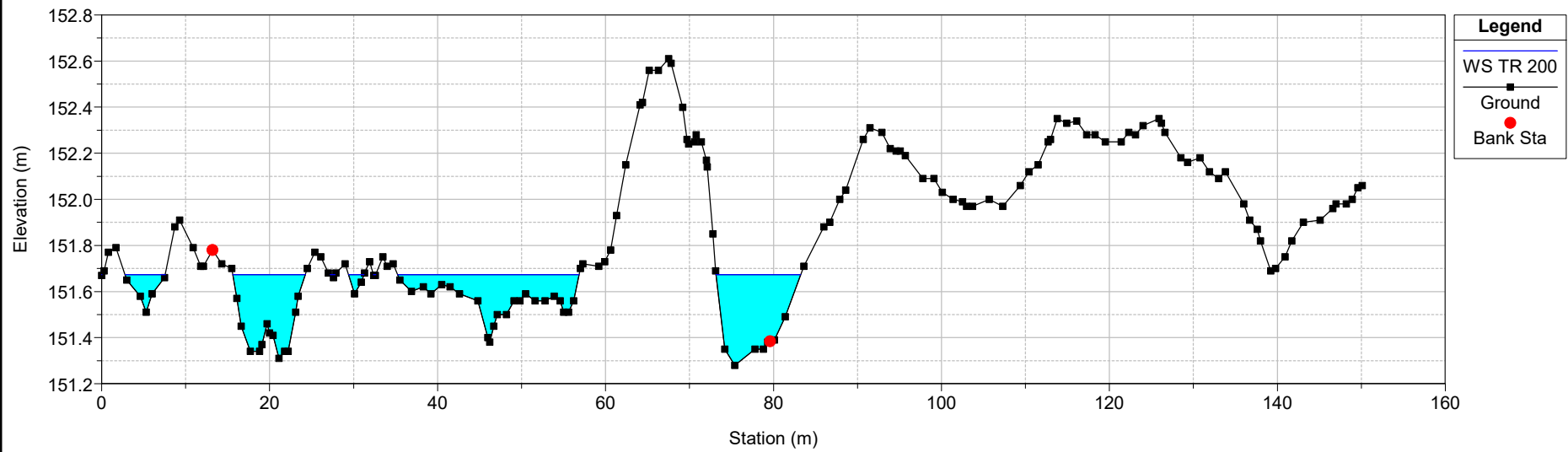
River = River 1 Reach = Reach 1 RS = 41 BR



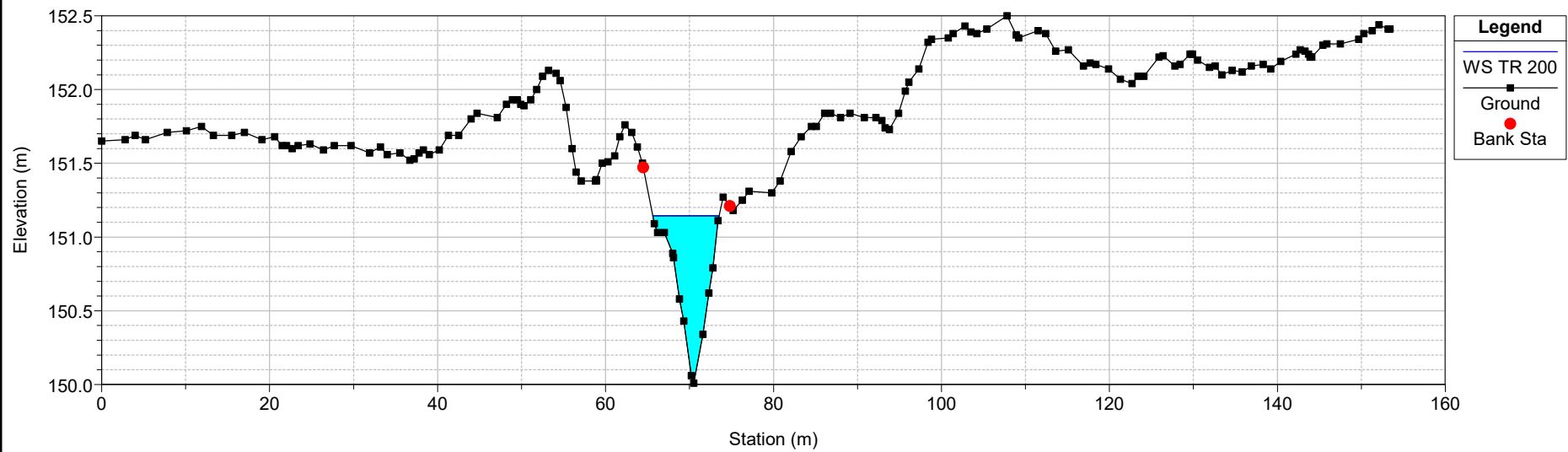
River = River 1 Reach = Reach 1 RS = 35



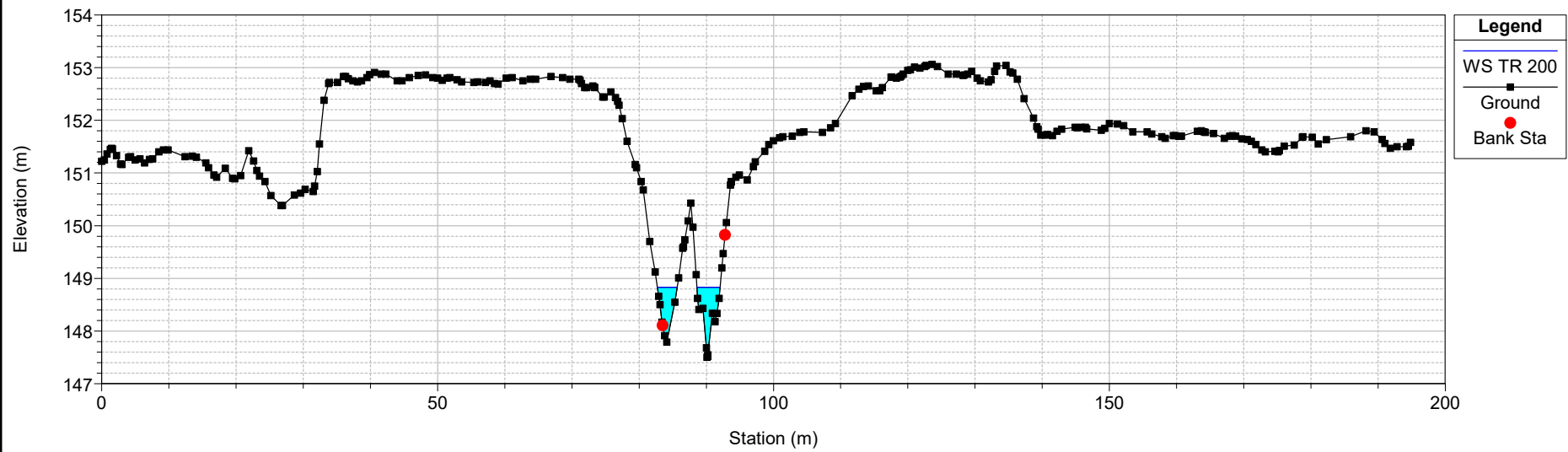
River = River 1 Reach = Reach 1 RS = 17.5



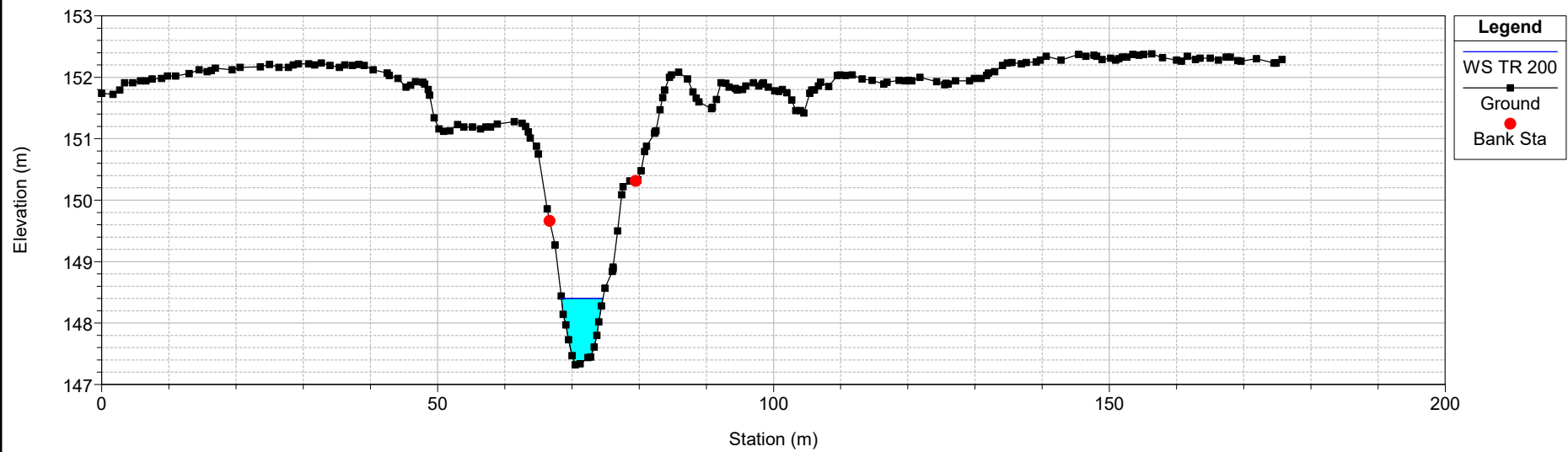
River = River 1 Reach = Reach 1 RS = 17



River = River 1 Reach = Reach 1 RS = 16.2



River = River 1 Reach = Reach 1 RS = 6



HEC-RAS Plan: SHZI River: River 1 Reach: Reach 1 Profile: TR 200

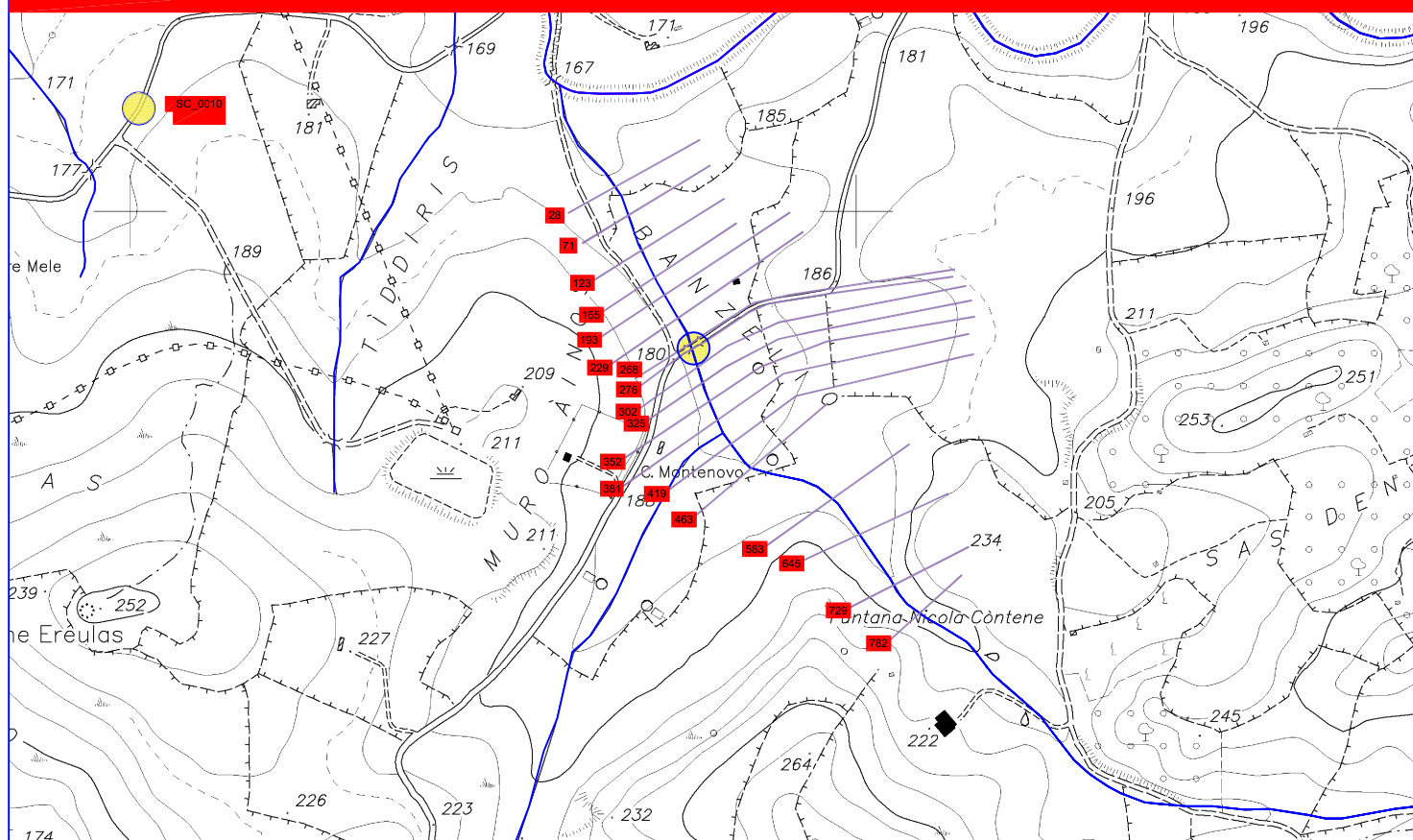
Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
			(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	
Reach 1	279	TR 200	8.93	160.47	160.85	160.85	161.00	0.004897	1.68	5.33	18.70	1.00
Reach 1	260	TR 200	8.93	159.51	160.32	160.32	160.46	0.005112	1.66	5.37	19.21	1.01
Reach 1	231	TR 200	8.93	158.97	159.73	159.73	159.84	0.005454	1.51	5.93	26.07	1.01
Reach 1	193	TR 200	8.93	158.60	159.14		159.17	0.001851	1.06	12.44	49.35	0.61
Reach 1	171	TR 200	8.93	158.07	158.70	158.70	158.96	0.004212	2.24	3.99	7.94	1.01
Reach 1	151	TR 200	8.93	156.86	157.57	157.57	157.80	0.004363	2.16	4.13	8.84	1.01
Reach 1	137	TR 200	8.93	154.56	155.28	155.28	155.56	0.004167	2.33	3.84	7.05	1.01
Reach 1	126	TR 200	8.93	153.83	154.74	154.74	155.03	0.004143	2.40	3.72	6.45	1.01
Reach 1	113	TR 200	8.93	152.62	154.04		154.14	0.000814	1.38	6.49	7.32	0.47
Reach 1	95	TR 200	8.93	151.50	154.10		154.11	0.000039	0.50	18.55	10.77	0.11
Reach 1	81	TR 200	8.93	151.54	154.10		154.11	0.000021	0.38	36.48	53.78	0.09
Reach 1	75	TR 200	8.93	151.38	154.11		154.11	0.000008	0.24	65.98	55.72	0.05
Reach 1	70	TR 200	8.93	151.44	154.11	151.95	154.11	0.000004	0.14	85.54	57.62	0.04
Reach 1	64		Bridge									
Reach 1	63	TR 200	8.93	152.48	153.34		153.35	0.000215	0.59	20.81	32.36	0.24
Reach 1	60	TR 200	8.93	151.38	153.35		153.35	0.000001	0.09	153.03	92.38	0.02
Reach 1	53	TR 200	8.93	151.11	153.35		153.35	0.000001	0.08	132.43	90.23	0.02
Reach 1	42	TR 200	8.93	150.40	153.35	151.41	153.35	0.000000	0.06	243.80	131.10	0.01
Reach 1	41		Bridge									
Reach 1	35	TR 200	8.93	150.05	151.76		151.77	0.000057	0.39	47.43	121.00	0.13
Reach 1	17.5	TR 200	8.93	151.28	151.67	151.67	151.75	0.005832	1.27	7.47	47.82	1.00
Reach 1	17	TR 200	8.93	150.01	151.14	151.14	151.40	0.004390	2.25	3.97	7.91	1.01
Reach 1	16.2	TR 200	8.93	147.50	148.83	148.83	149.13	0.005396	2.47	3.78	6.39	1.00
Reach 1	6	TR 200	8.93	147.32	148.40	148.22	148.59	0.002002	1.94	4.61	6.17	0.71

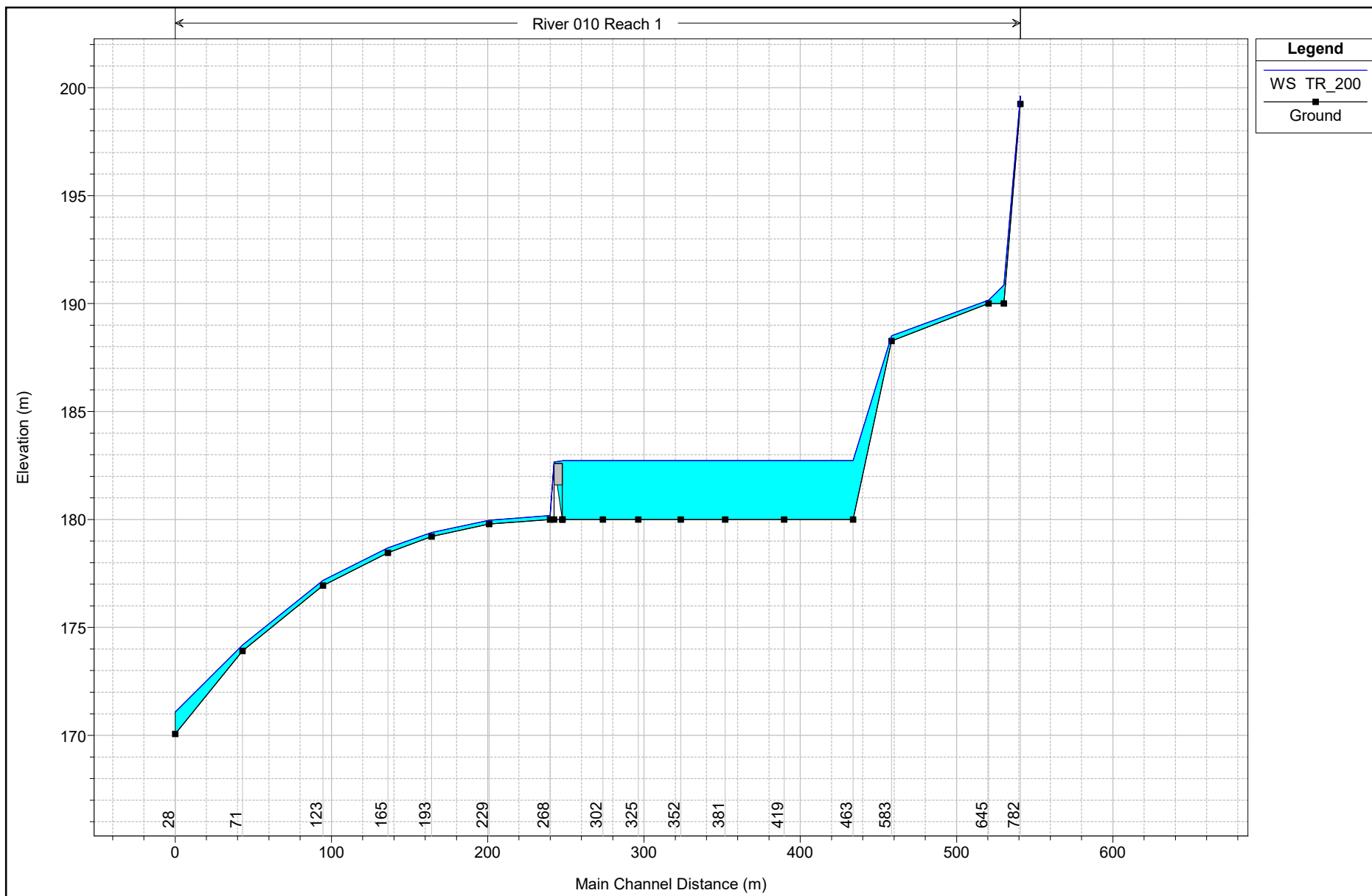
FIUME_89488

ATTRAVERSAMENTO:

- SC 0010

FIUME_89488
SC_0010
COROGRAFIA UBICAZIONE SEZIONI IDRAULICHE



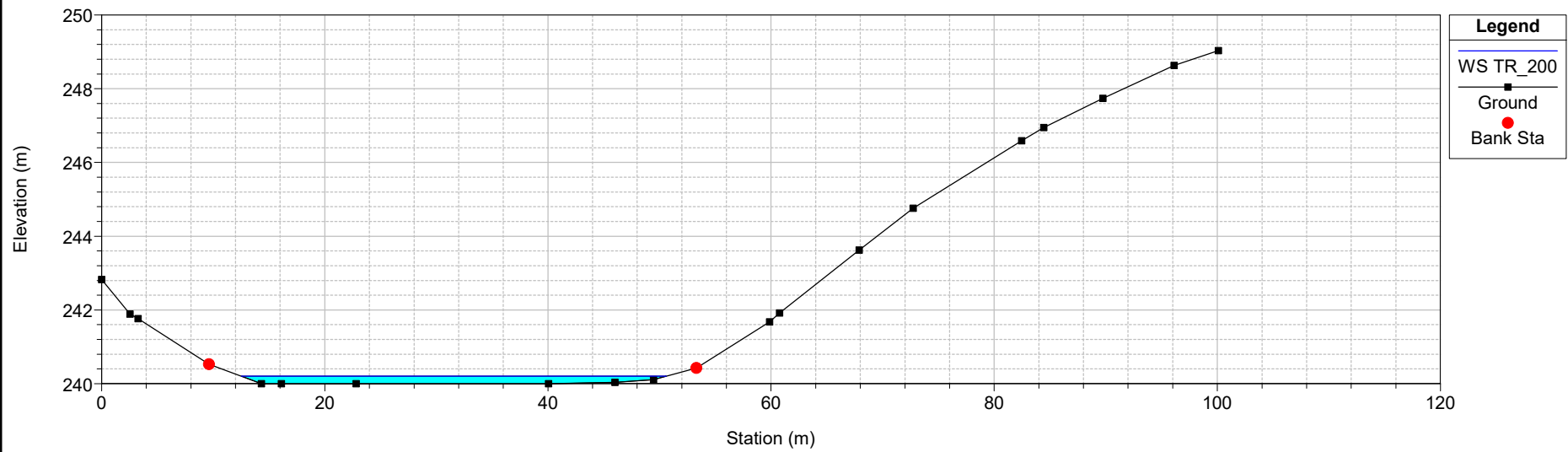


FIUME_89488

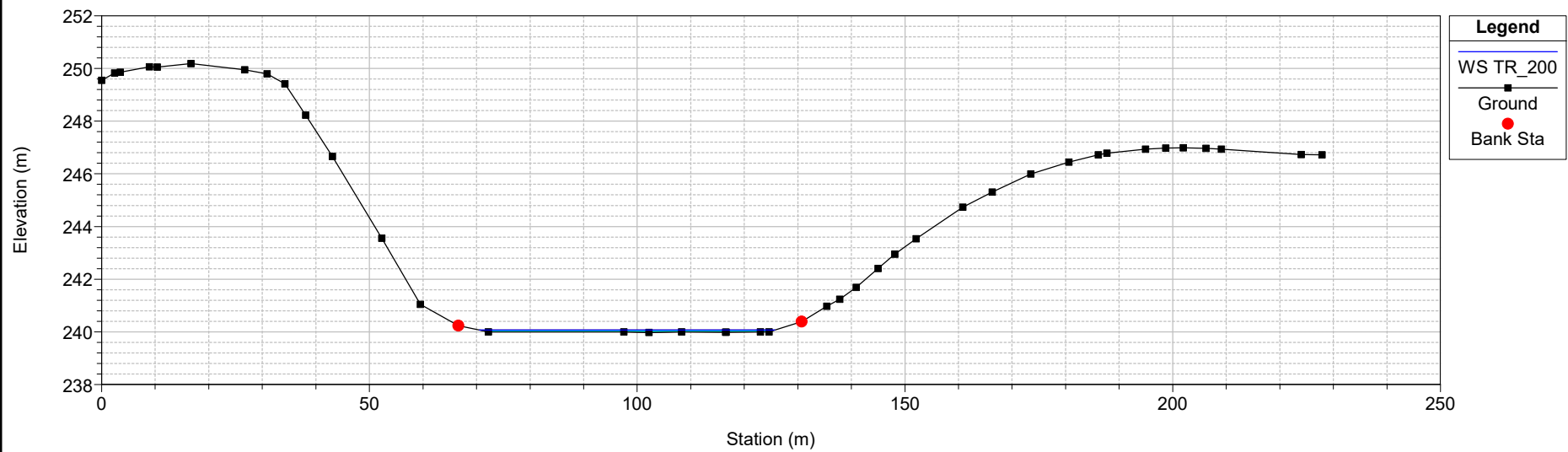
ATTRAVERSAMENTO:

- SC 0010

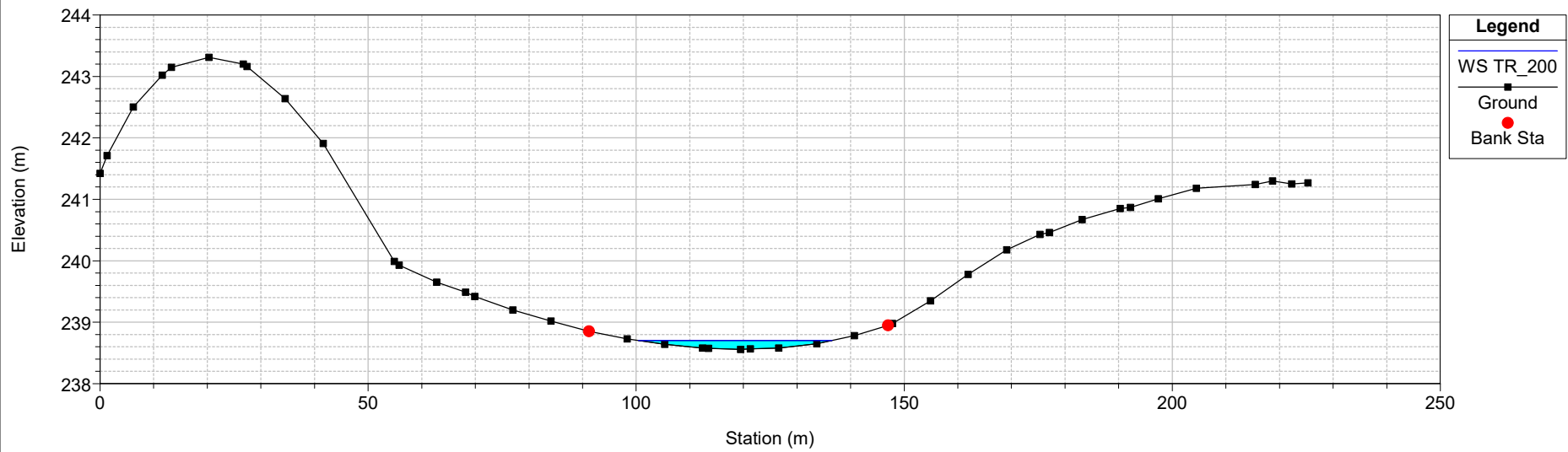
River = River 10 Reach = Reach 1 RS = 515



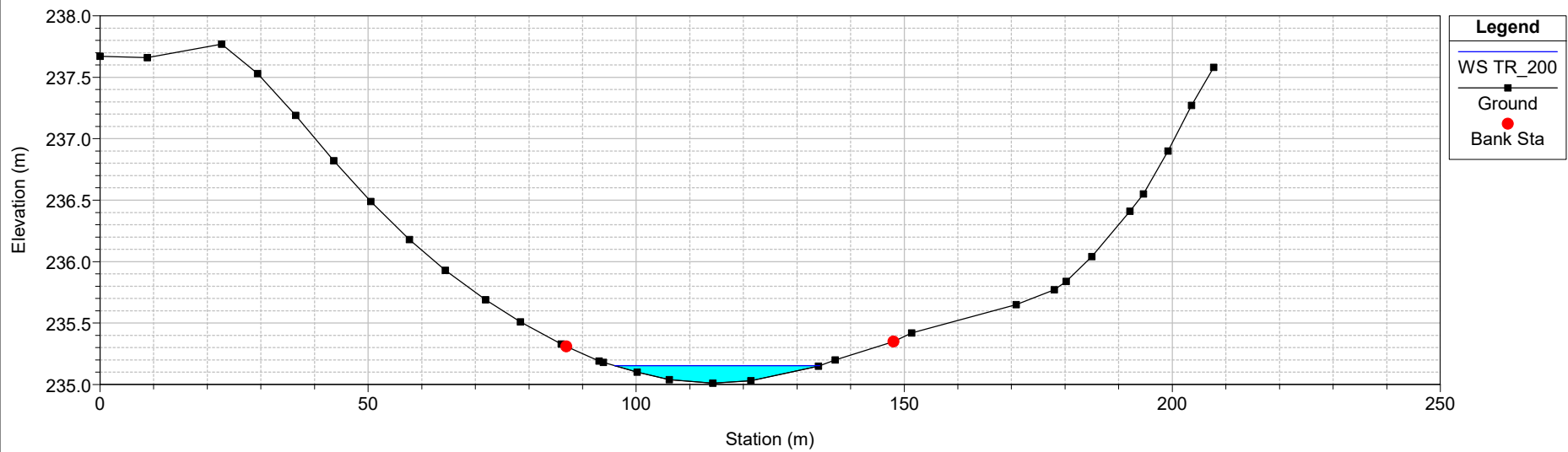
River = River 10 Reach = Reach 1 RS = 490



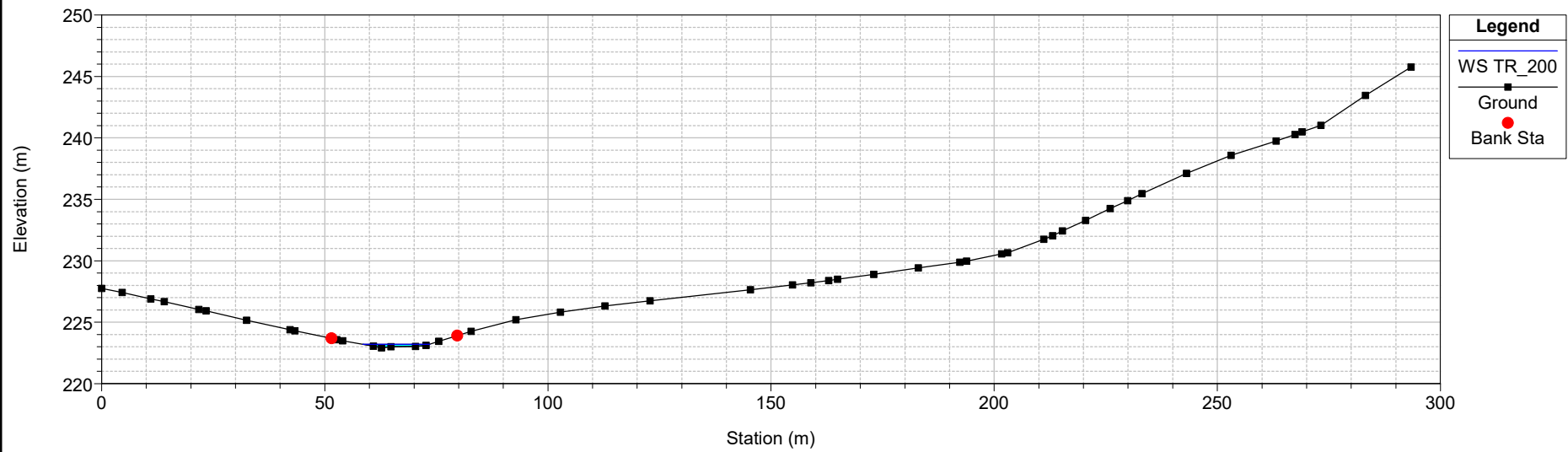
River = River 10 Reach = Reach 1 RS = 457



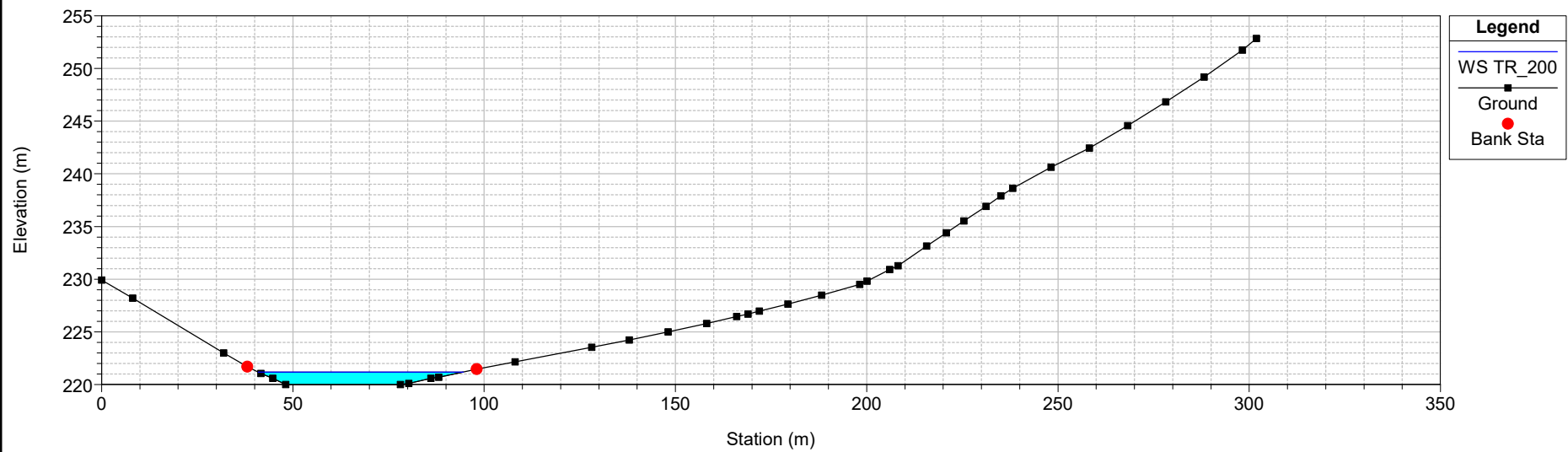
River = River 10 Reach = Reach 1 RS = 417



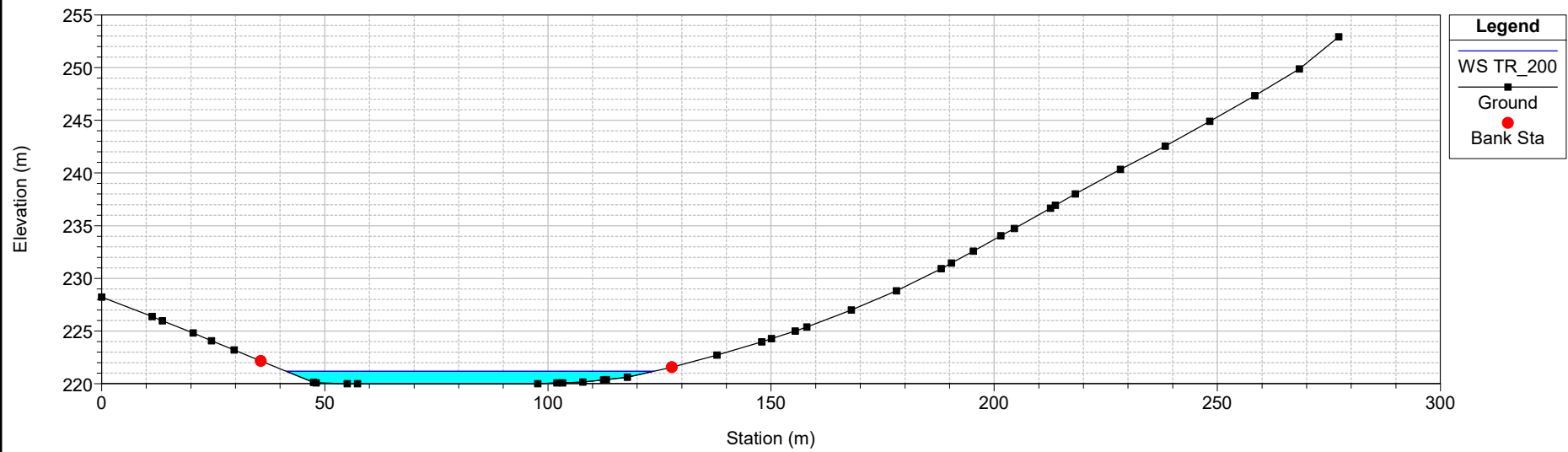
River = River 10 Reach = Reach 1 RS = 336



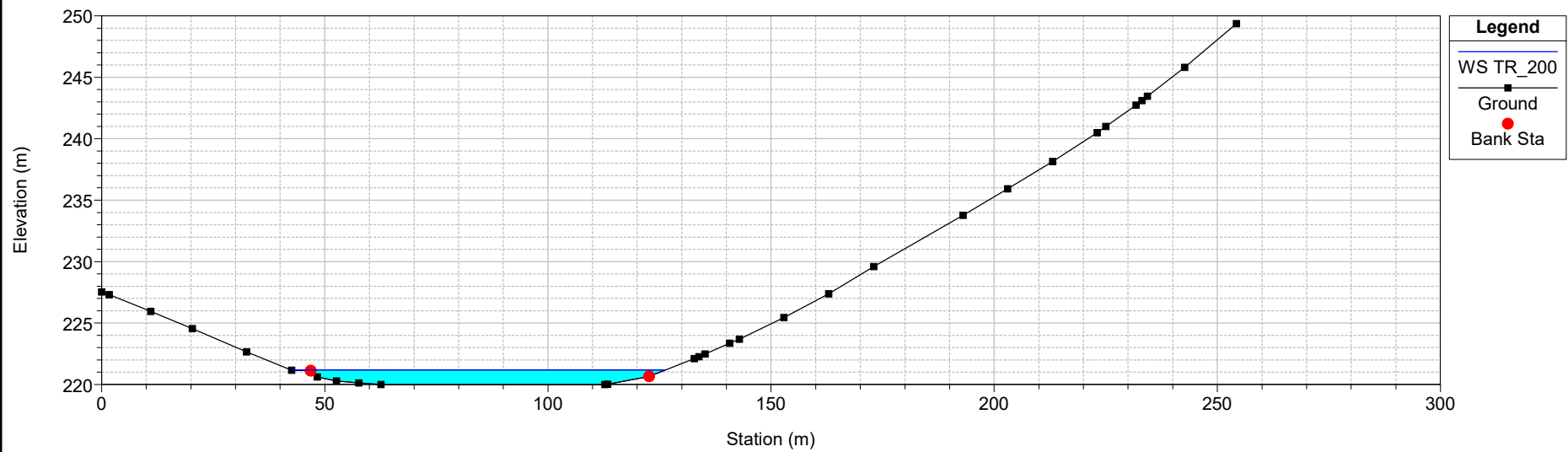
River = River 10 Reach = Reach 1 RS = 293



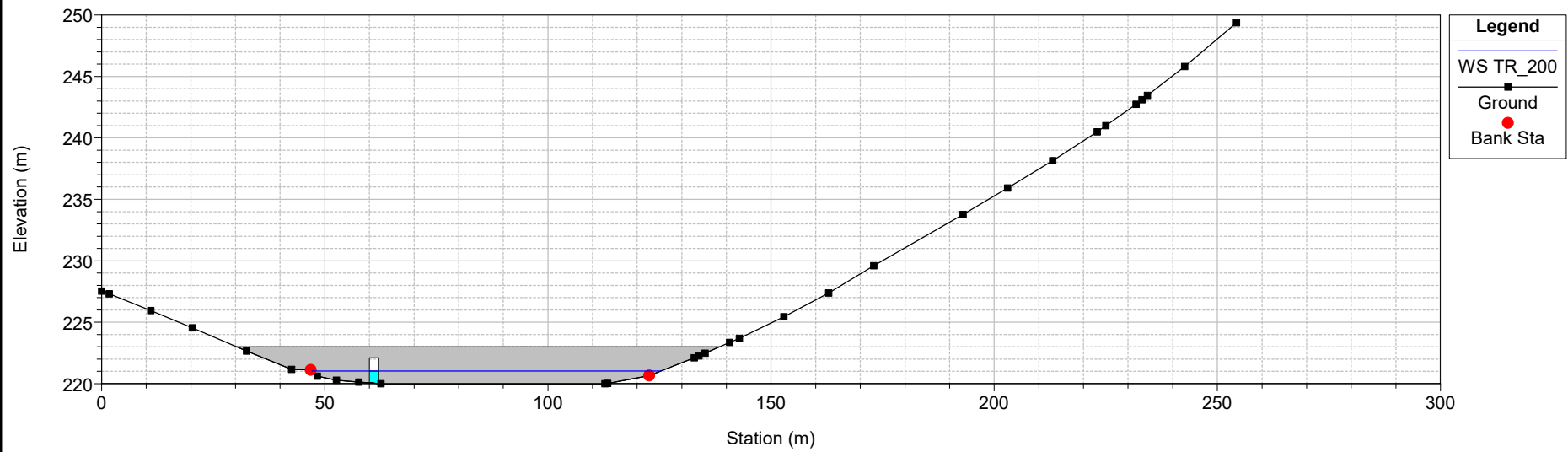
River = River 10 Reach = Reach 1 RS = 251



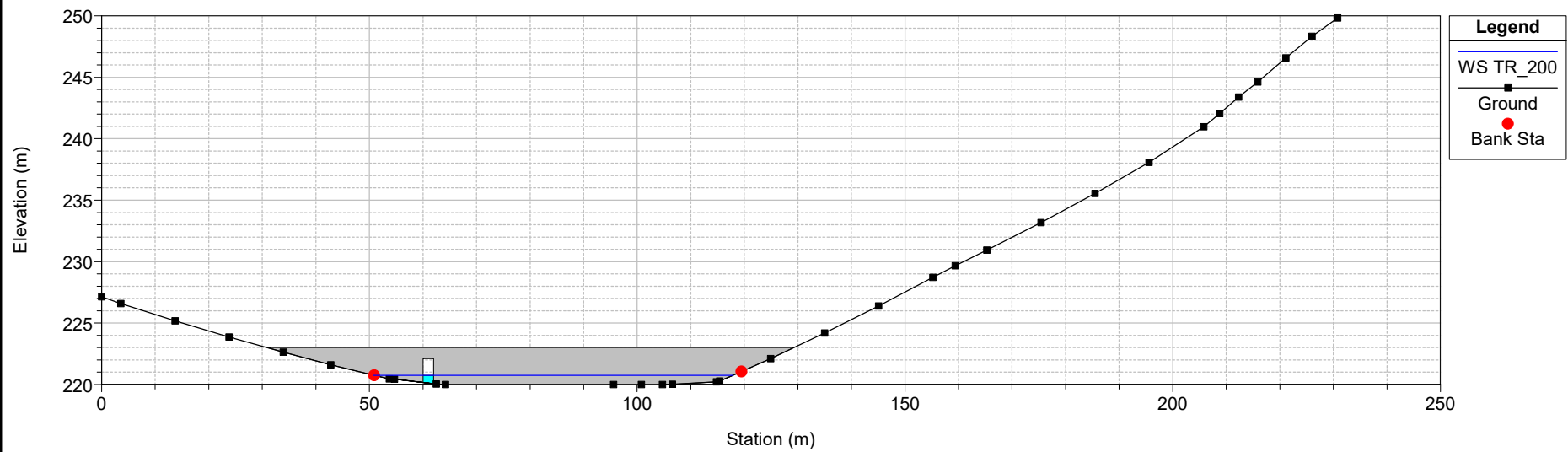
River = River 10 Reach = Reach 1 RS = 233



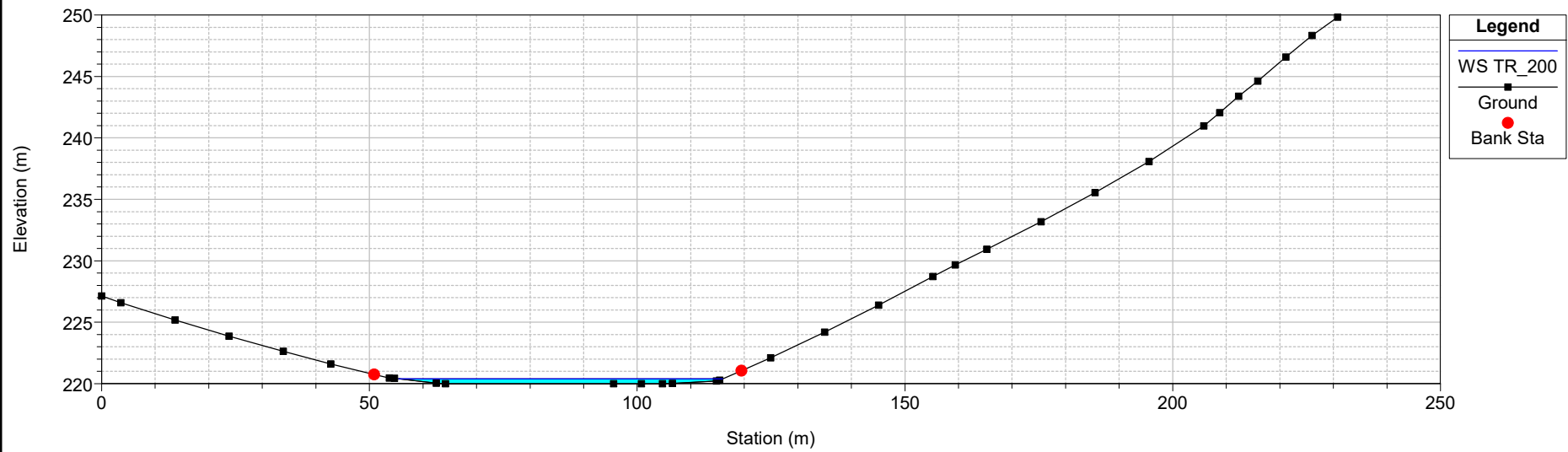
River = River 10 Reach = Reach 1 RS = 232 BR



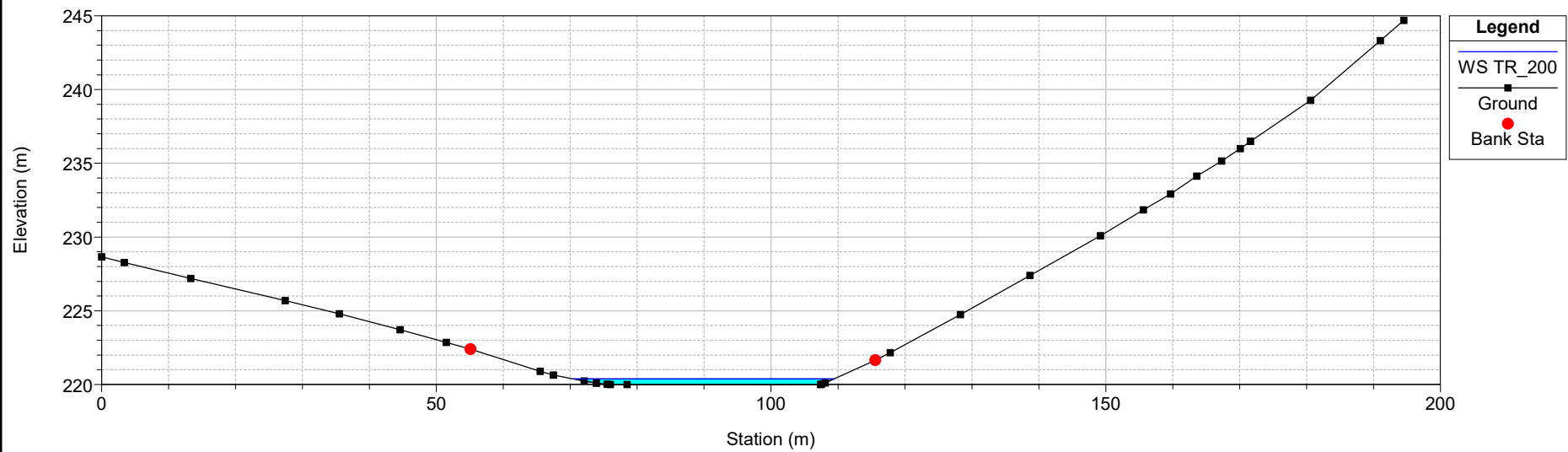
River = River 10 Reach = Reach 1 RS = 232 BR



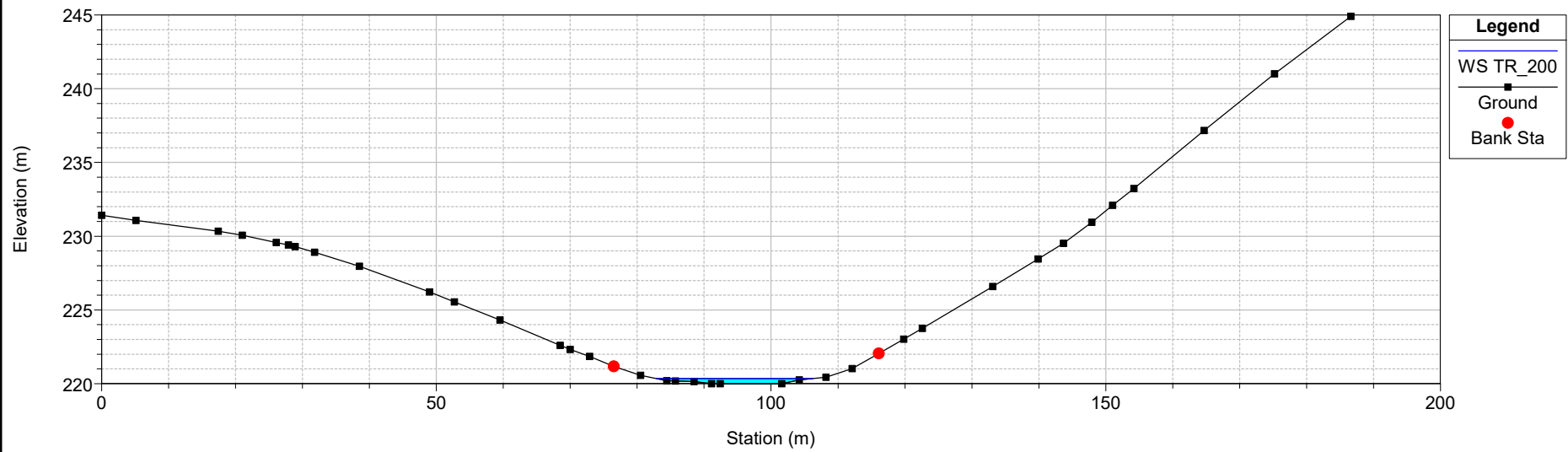
River = River 10 Reach = Reach 1 RS = 205



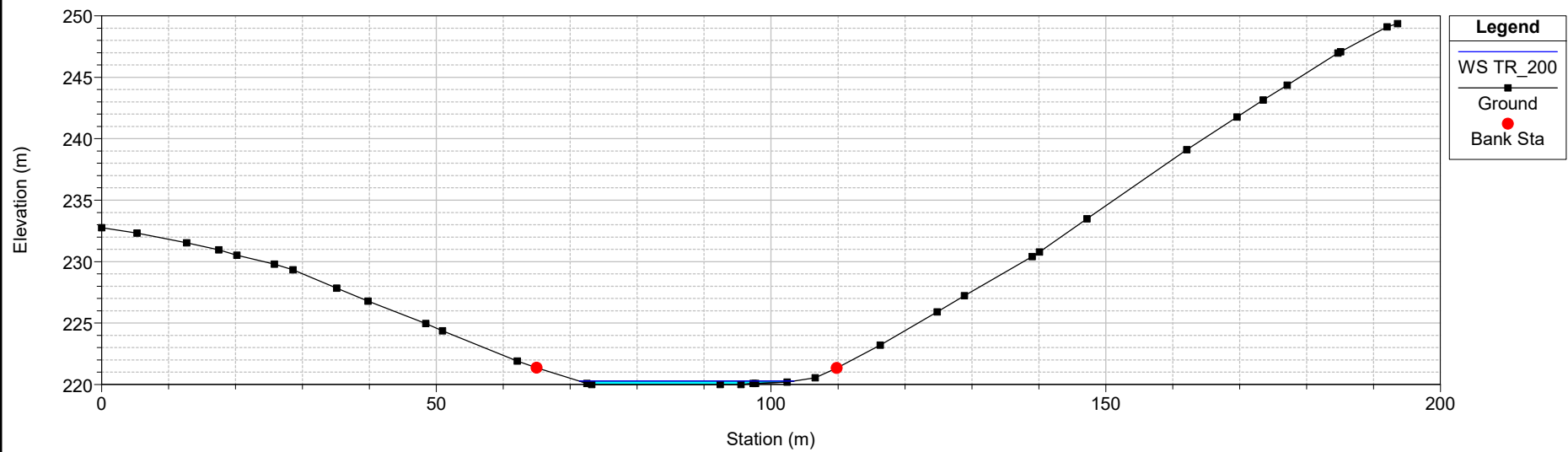
River = River 10 Reach = Reach 1 RS = 177



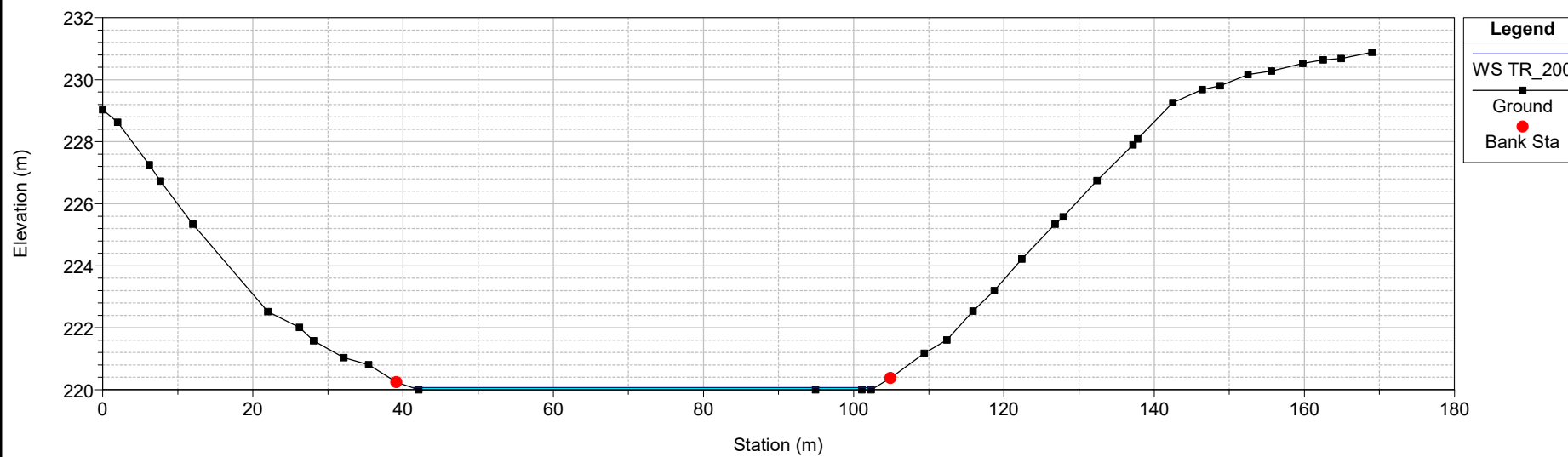
River = River 10 Reach = Reach 1 RS = 133



River = River 10 Reach = Reach 1 RS = 77



River = River 10 Reach = Reach 1 RS = 9



HEC-RAS Plan: SH010 River: River 010 Reach: Reach 1 Profile: TR_200

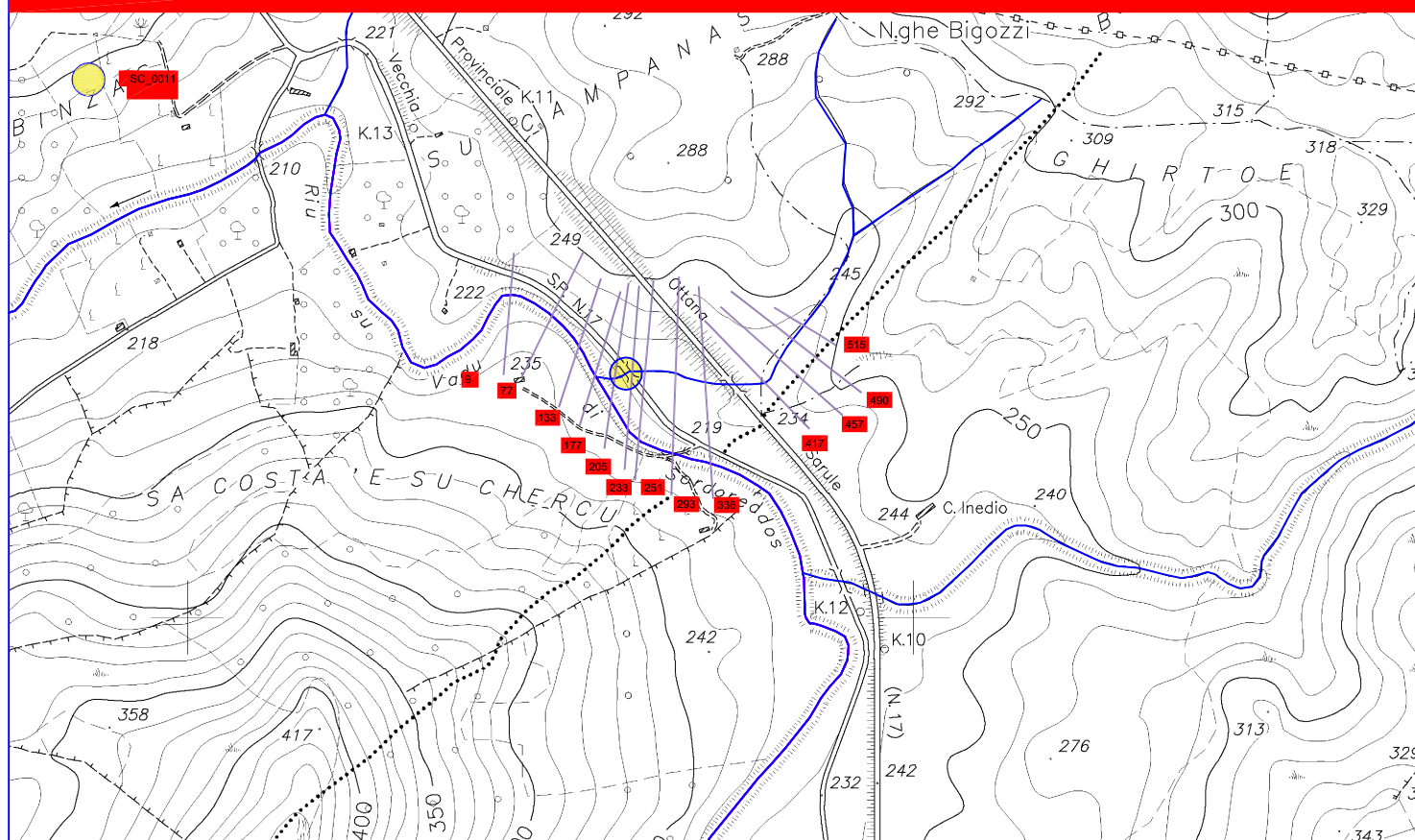
Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
			(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	
Reach 1	782	TR_200	12.57	199.24	199.62	199.62	199.76	0.012763	1.65	7.92	31.45	0.98
Reach 1	729	TR_200	12.57	190.00	190.85	190.85	191.10	0.011417	2.19	5.75	11.85	1.00
Reach 1	645	TR_200	12.57	190.00	190.16	190.16	190.24	0.016421	1.25	10.29	67.15	1.00
Reach 1	583	TR_200	12.57	188.27	188.50	188.50	188.58	0.013431	1.38	11.21	71.35	0.95
Reach 1	463	TR_200	12.57	180.00	182.73		182.73	0.000001	0.05	382.27	181.66	0.01
Reach 1	419	TR_200	12.57	180.00	182.73		182.73	0.000000	0.03	573.95	242.55	0.01
Reach 1	381	TR_200	12.57	180.00	182.73		182.73	0.000000	0.03	551.90	232.98	0.00
Reach 1	352	TR_200	12.57	180.00	182.73		182.73	0.000000	0.03	524.79	220.46	0.01
Reach 1	325	TR_200	12.57	180.00	182.73		182.73	0.000000	0.03	515.74	219.28	0.01
Reach 1	302	TR_200	12.57	180.00	182.73		182.73	0.000000	0.03	513.06	220.82	0.01
Reach 1	276	TR_200	12.57	180.00	182.73	180.09	182.73	0.000000	0.03	524.88	226.45	0.01
Reach 1	274		Bridge									
Reach 1	268	TR_200	12.57	180.00	180.18		180.19	0.001977	0.48	27.91	160.15	0.36
Reach 1	229	TR_200	12.57	179.79	179.97	179.97	180.02	0.014545	1.23	14.71	135.66	0.95
Reach 1	193	TR_200	12.57	179.21	179.40	179.40	179.47	0.015455	1.25	11.81	91.94	0.98
Reach 1	165	TR_200	12.57	178.46	178.69	178.69	178.76	0.014624	1.47	12.26	83.06	1.00
Reach 1	123	TR_200	12.57	176.94	177.18	177.18	177.26	0.017568	1.36	10.74	68.90	1.05
Reach 1	71	TR_200	12.57	173.91	174.19	174.19	174.28	0.015380	1.36	9.36	52.56	1.00
Reach 1	28	TR_200	12.57	170.07	171.08	170.45	171.08	0.000160	0.33	38.37	59.62	0.13

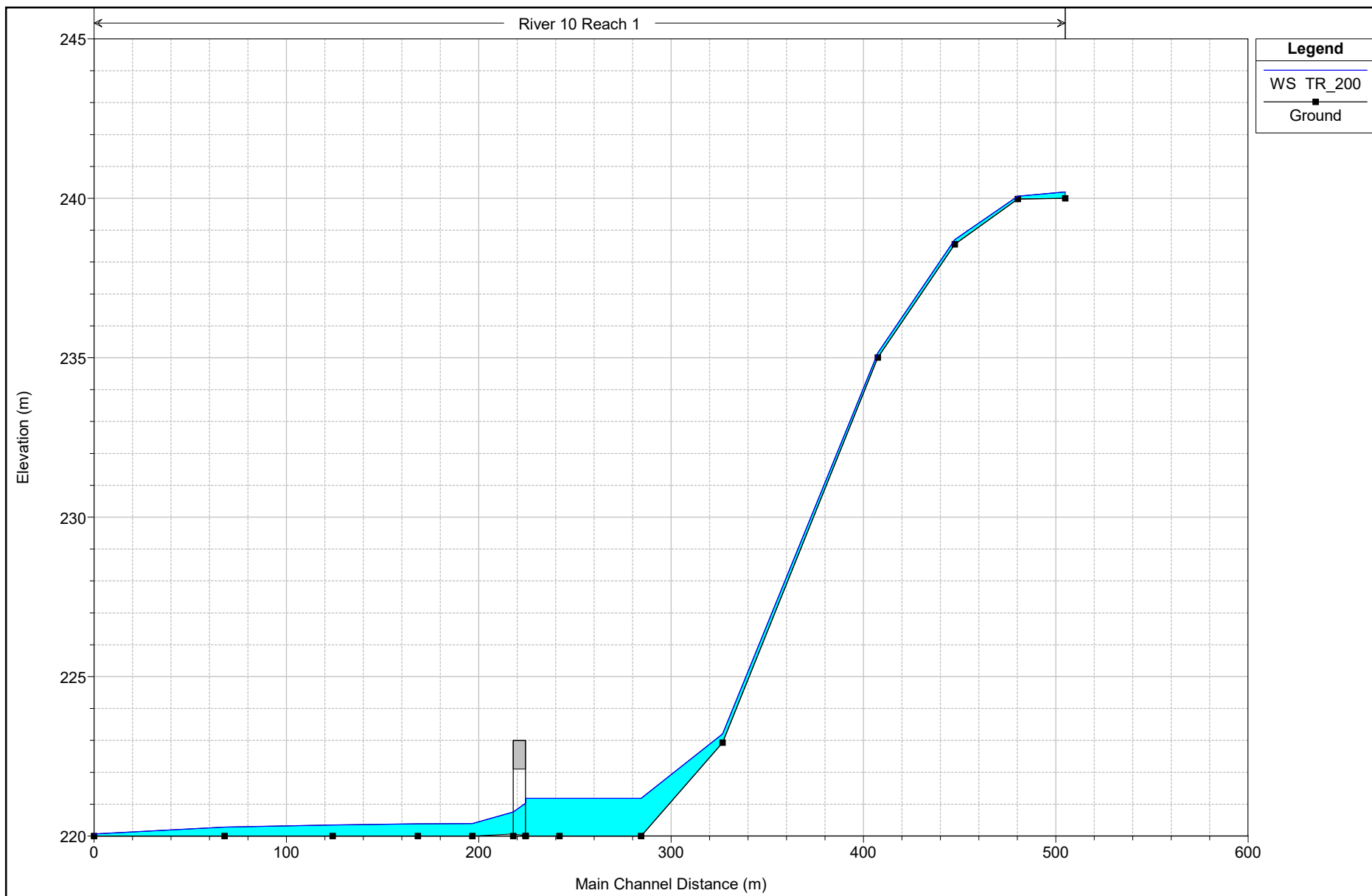
FIUME_92222

ATTRAVERSAMENTO:

- SC 0011

FIUME_92222
SC_0011
COROGRAFIA UBICAZIONE SEZIONI IDRAULICHE

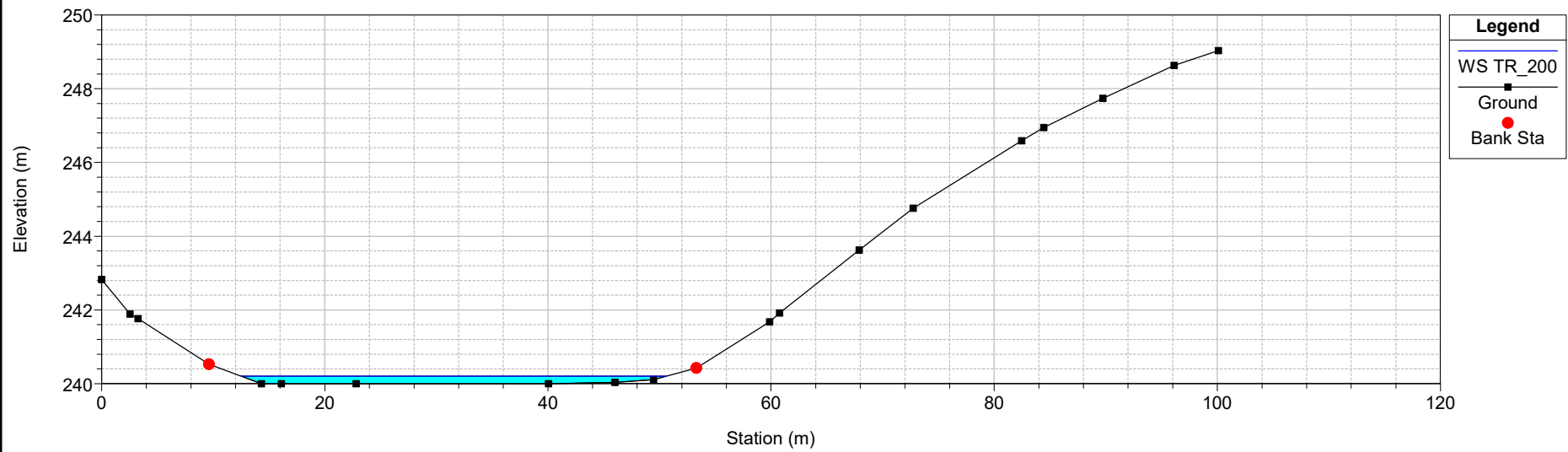




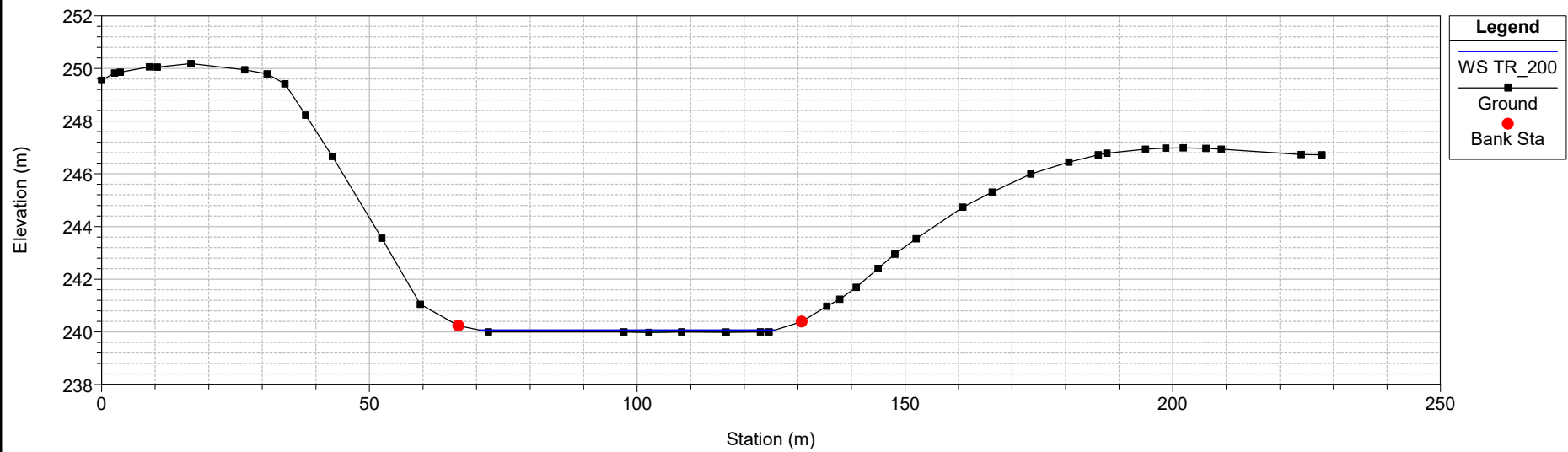
G191_SC_0011

SEZIONI

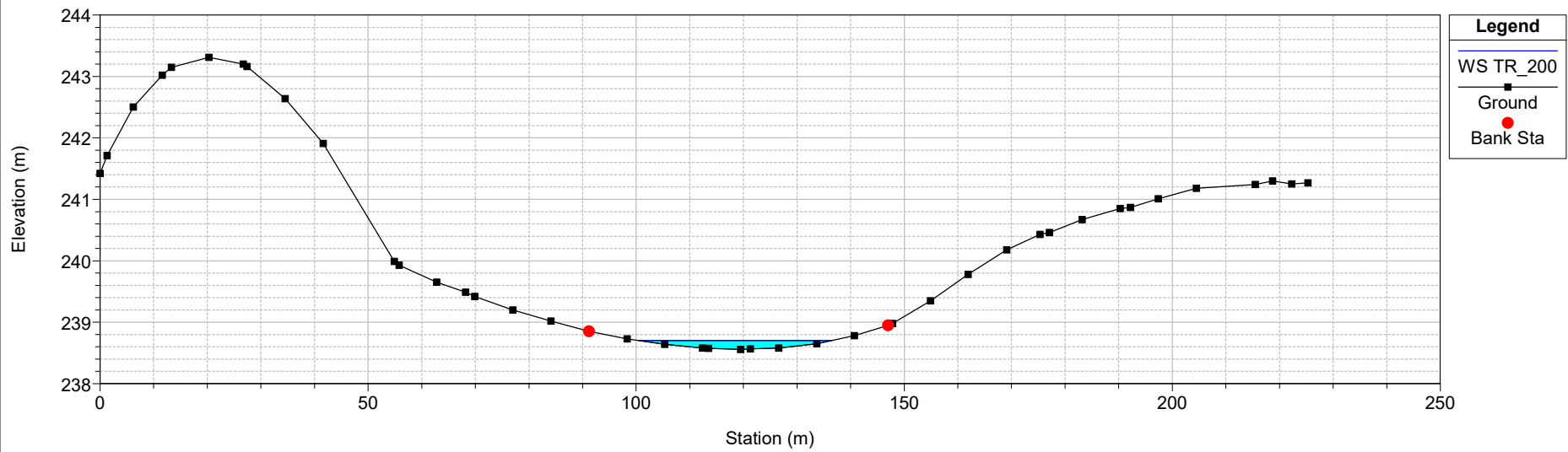
River = River 10 Reach = Reach 1 RS = 515



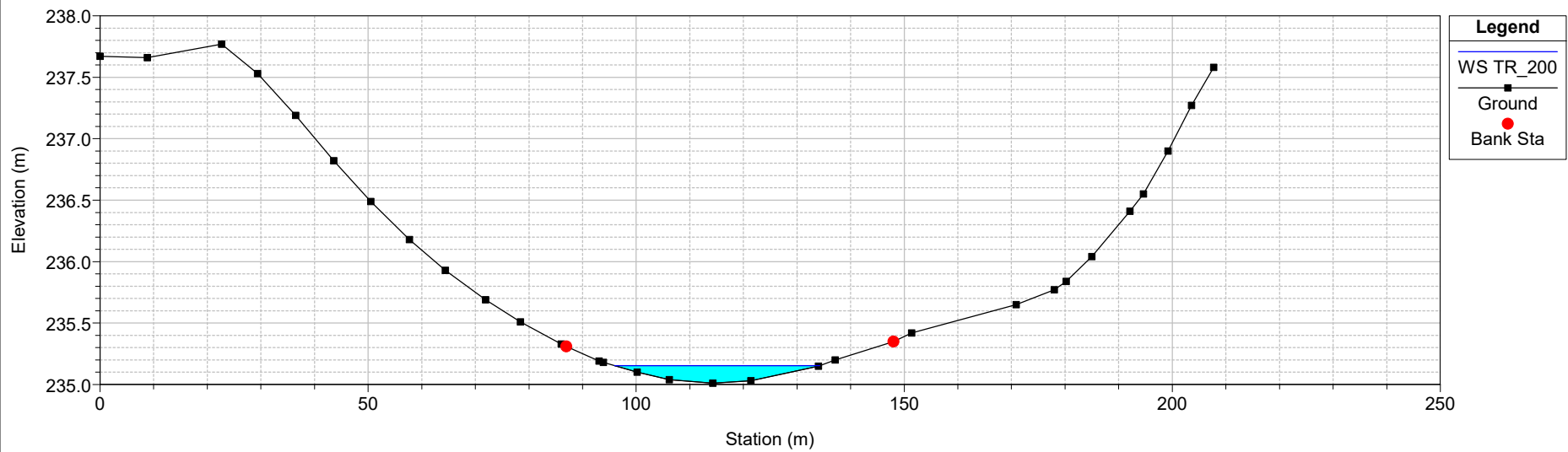
River = River 10 Reach = Reach 1 RS = 490



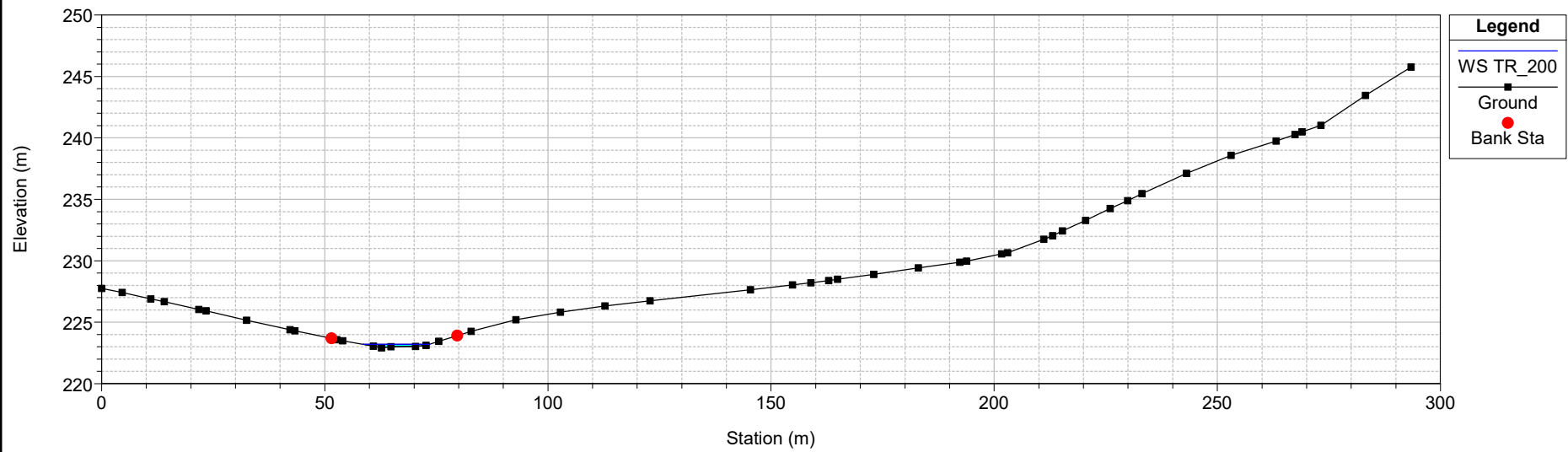
River = River 10 Reach = Reach 1 RS = 457



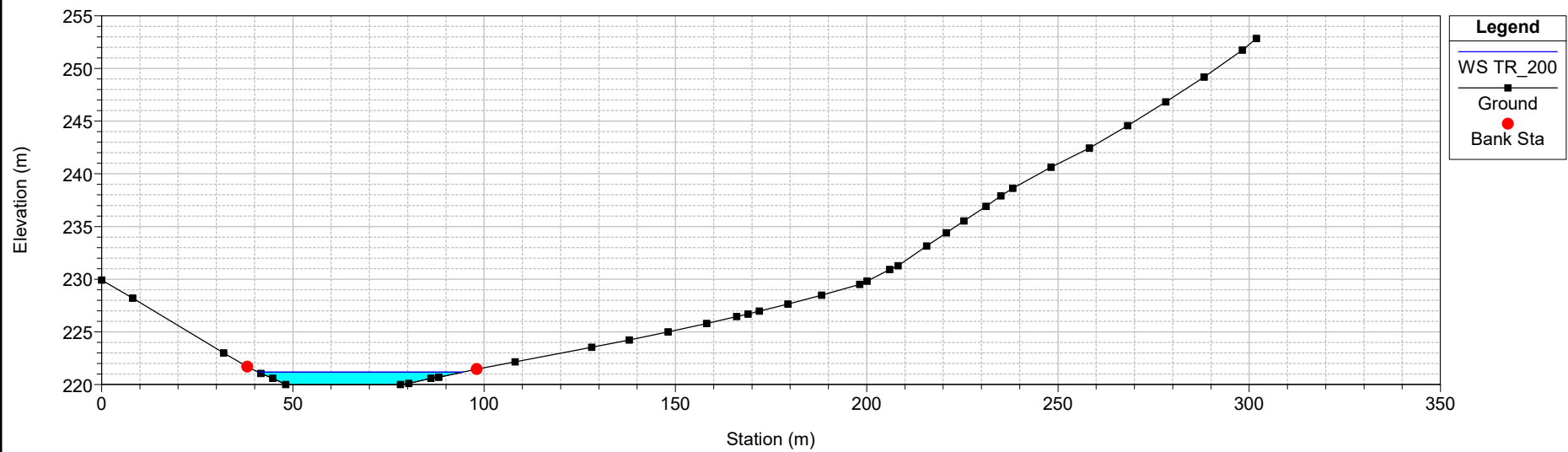
River = River 10 Reach = Reach 1 RS = 417



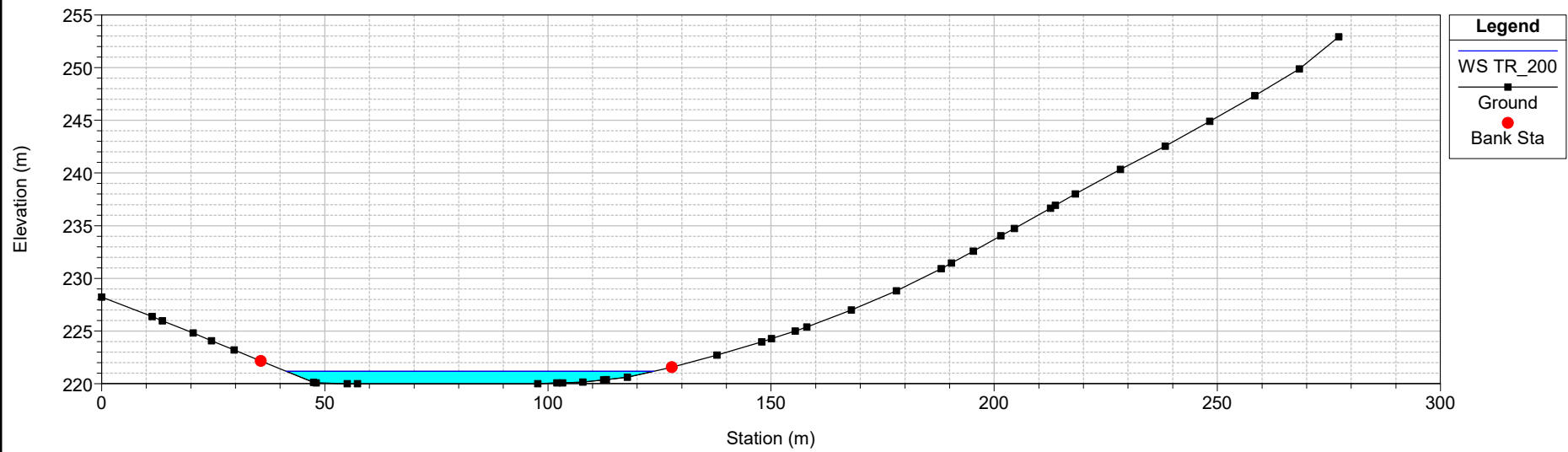
River = River 10 Reach = Reach 1 RS = 336



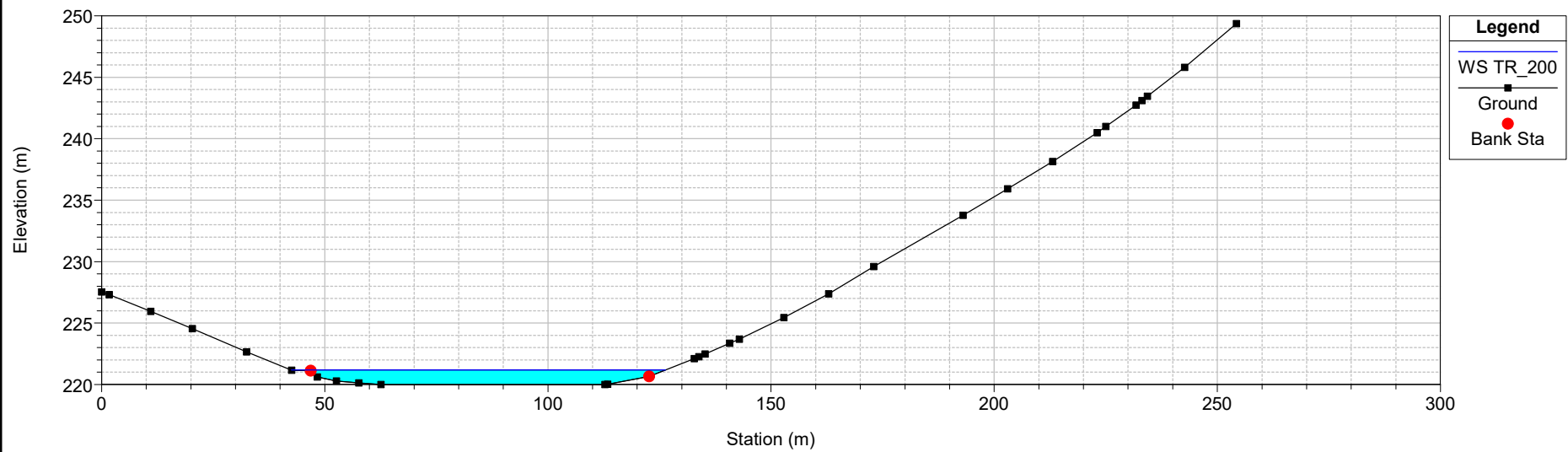
River = River 10 Reach = Reach 1 RS = 293



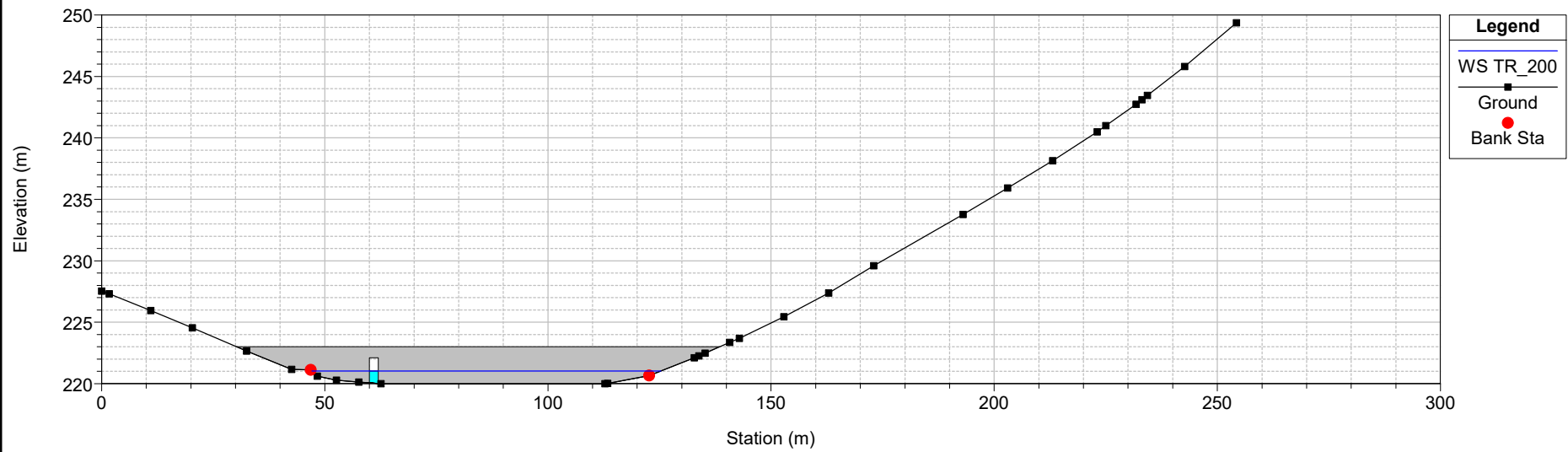
River = River 10 Reach = Reach 1 RS = 251



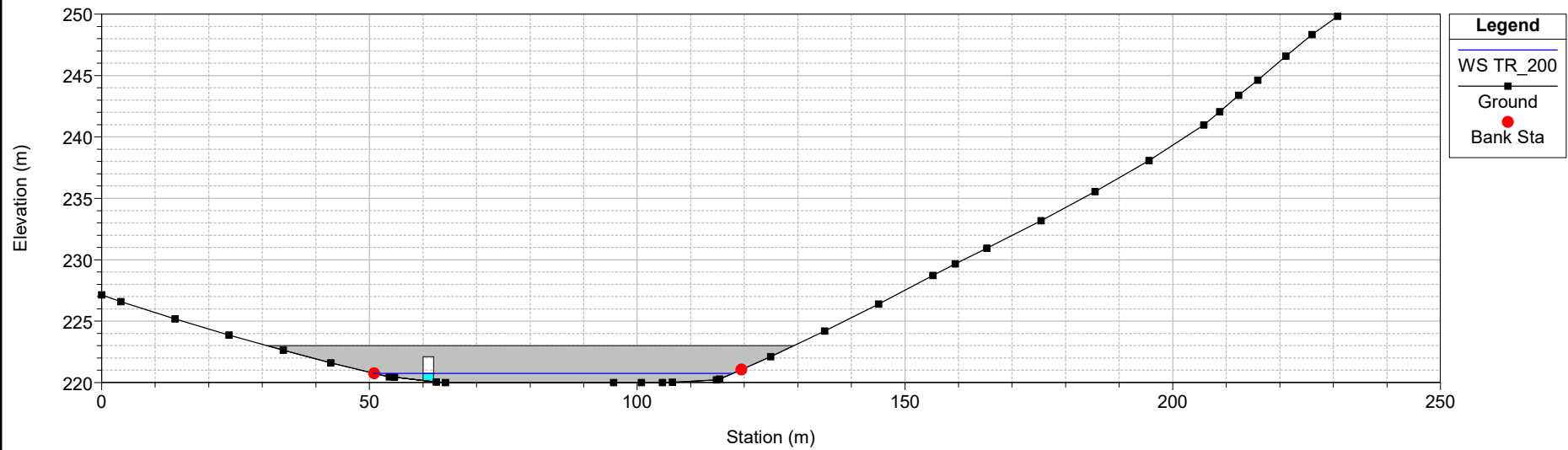
River = River 10 Reach = Reach 1 RS = 233



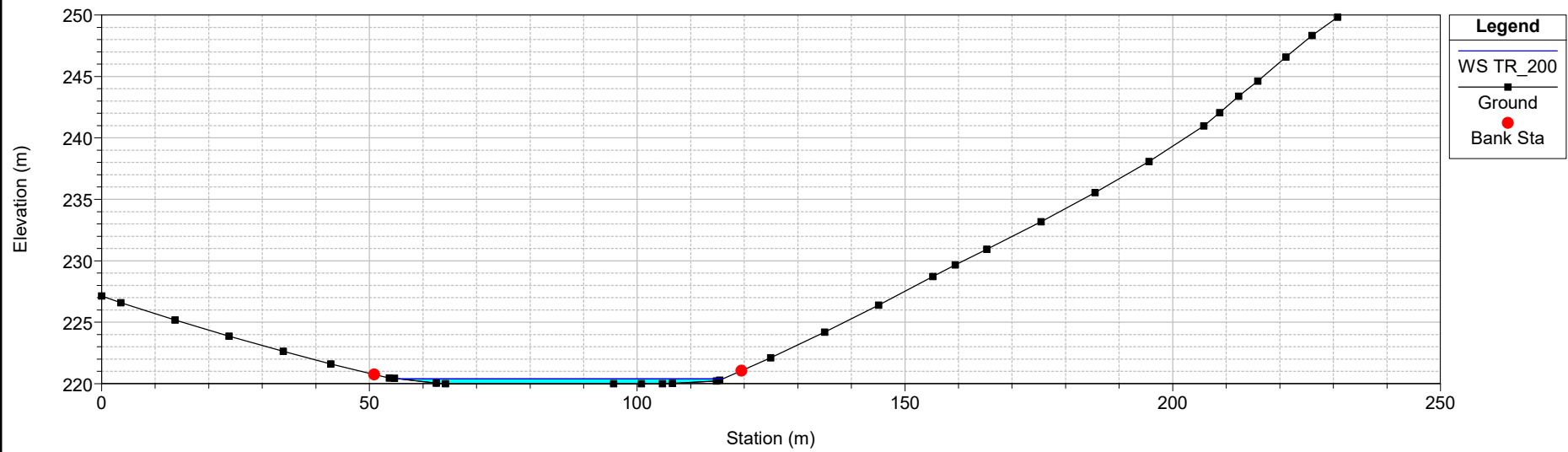
River = River 10 Reach = Reach 1 RS = 232 BR



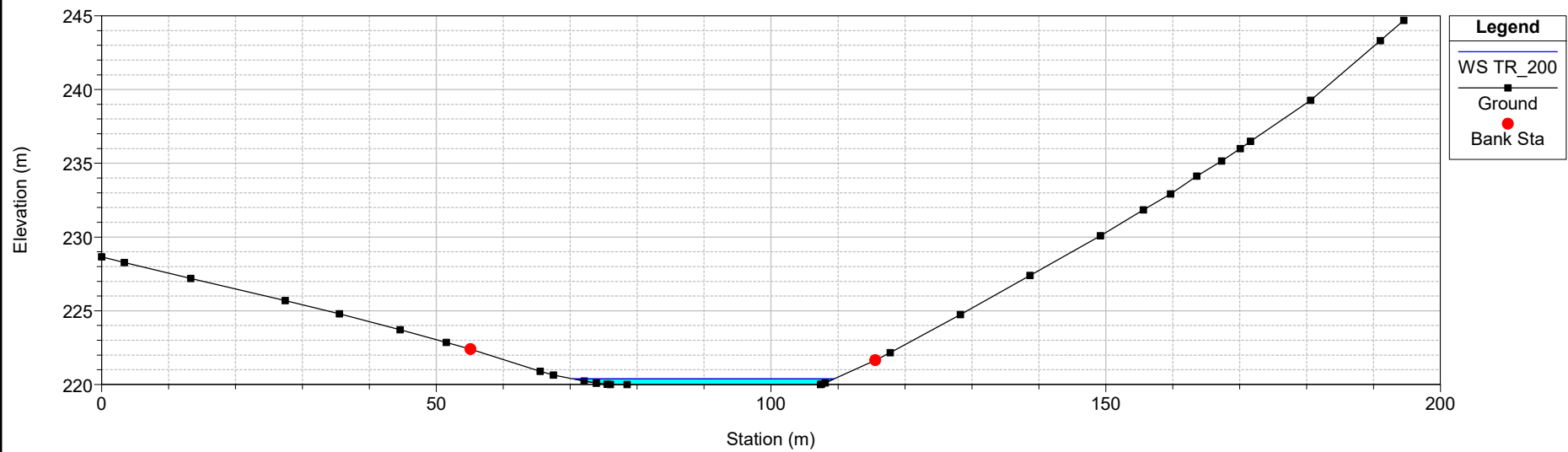
River = River 10 Reach = Reach 1 RS = 232 BR



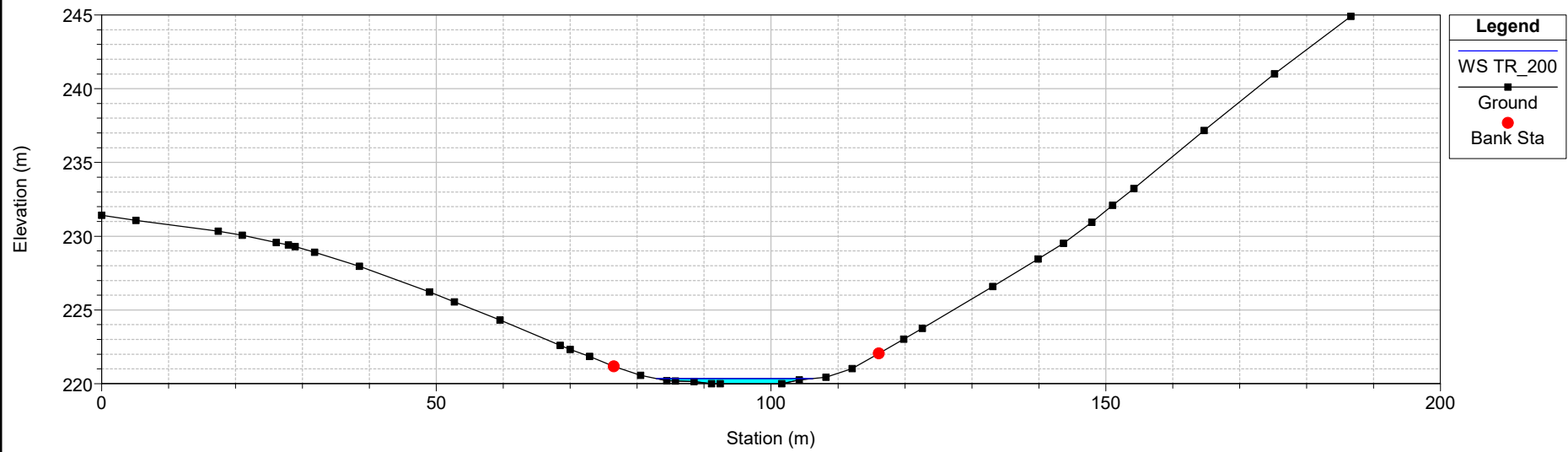
River = River 10 Reach = Reach 1 RS = 205



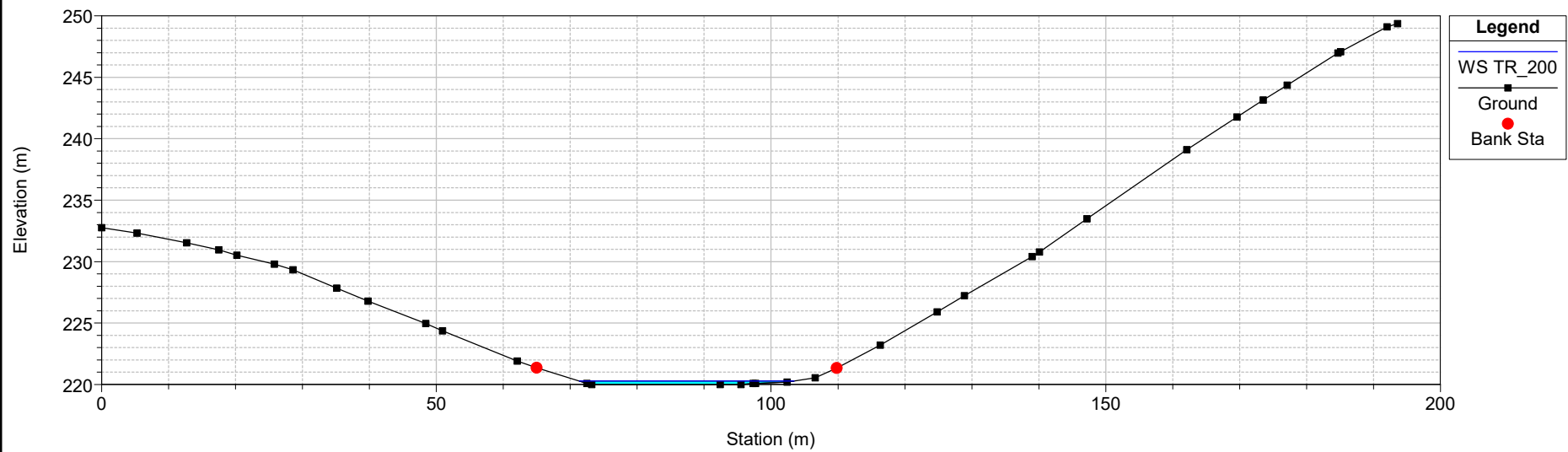
River = River 10 Reach = Reach 1 RS = 177



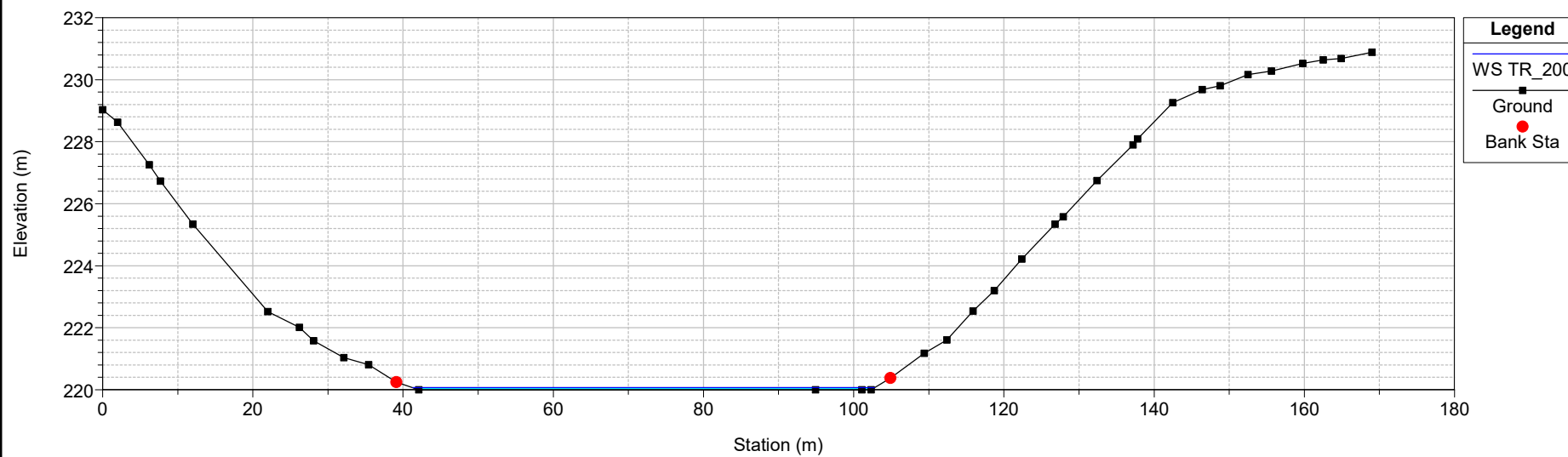
River = River 10 Reach = Reach 1 RS = 133



River = River 10 Reach = Reach 1 RS = 77



River = River 10 Reach = Reach 1 RS = 9



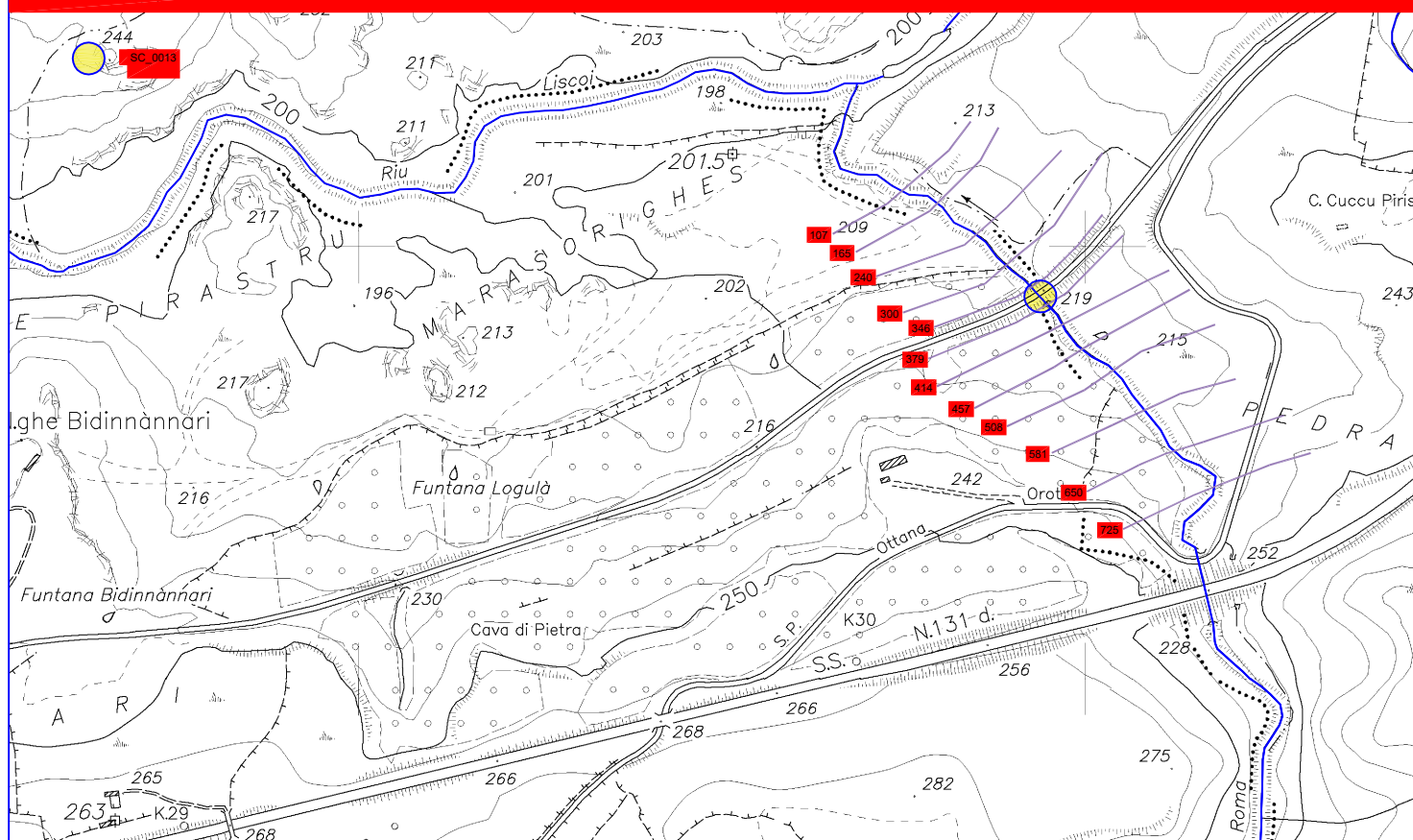
HEC-RAS Plan: SH011 River: River 10 Reach: Reach 1 Profile: TR_200

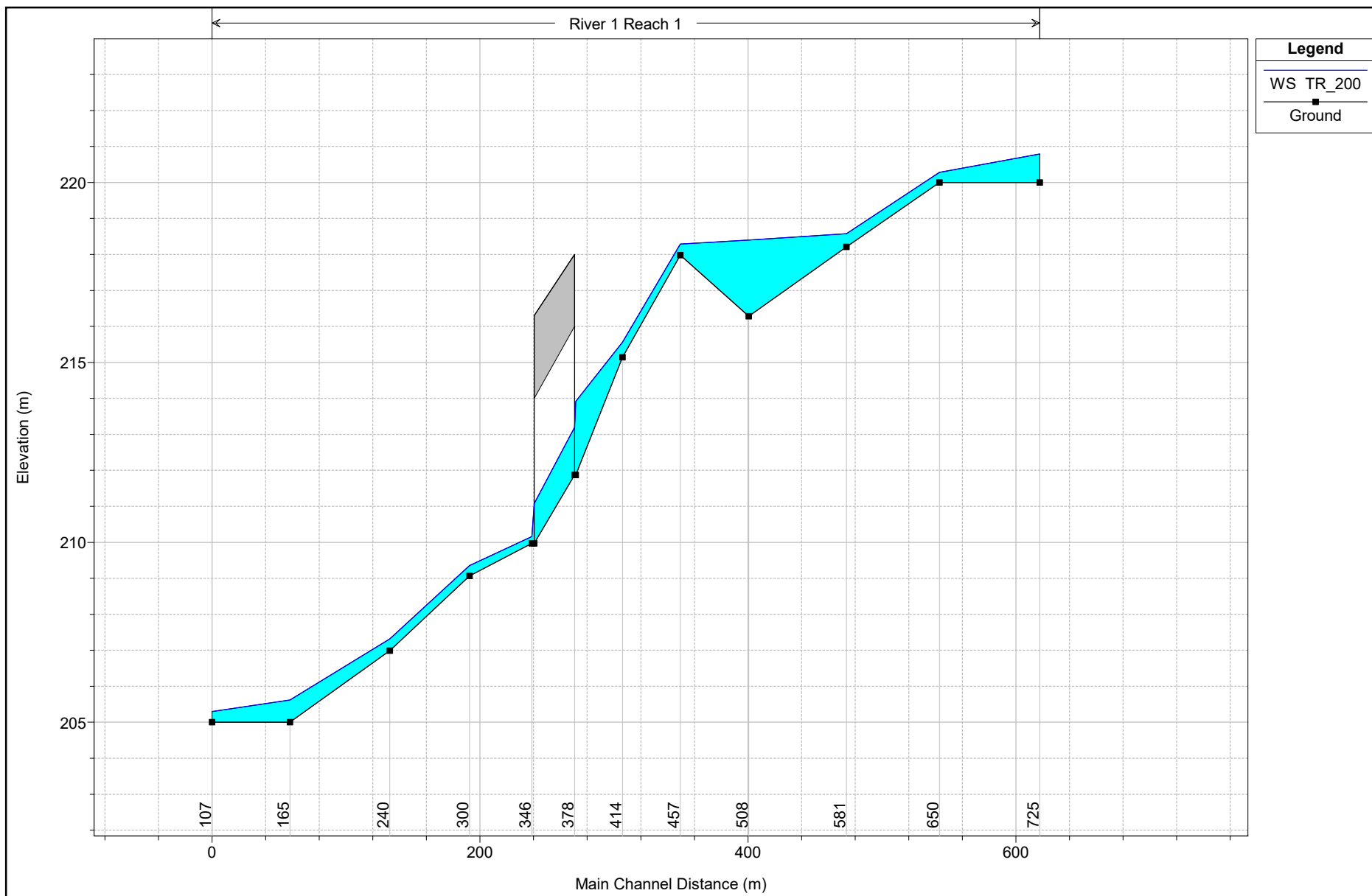
Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
			(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	
Reach 1	515	TR_200	3.24	240.00	240.20		240.21	0.001847	0.46	7.00	38.07	0.34
Reach 1	490	TR_200	3.24	239.98	240.07	240.07	240.10	0.021876	0.84	3.87	55.13	1.01
Reach 1	457	TR_200	3.24	238.56	238.70	238.70	238.75	0.019317	0.96	3.39	36.10	1.00
Reach 1	417	TR_200	3.24	235.01	235.15	235.15	235.20	0.020239	0.95	3.42	38.29	1.01
Reach 1	336	TR_200	3.24	222.93	223.21	223.21	223.29	0.016335	1.29	2.50	14.94	1.01
Reach 1	293	TR_200	3.24	220.00	221.18		221.18	0.000004	0.07	49.50	53.62	0.02
Reach 1	251	TR_200	3.24	220.00	221.18		221.18	0.000001	0.04	82.94	82.37	0.01
Reach 1	233	TR_200	3.24	220.00	221.18	220.07	221.18	0.000001	0.04	82.86	83.79	0.01
Reach 1	232		Bridge									
Reach 1	205	TR_200	3.24	220.00	220.39		220.39	0.000093	0.16	20.64	60.44	0.09
Reach 1	177	TR_200	3.24	220.00	220.38		220.39	0.000203	0.24	13.71	38.96	0.13
Reach 1	133	TR_200	3.24	220.00	220.35		220.37	0.001695	0.55	5.91	23.34	0.35
Reach 1	77	TR_200	3.24	220.00	220.28		220.29	0.001035	0.42	7.78	32.07	0.27
Reach 1	9	TR_200	3.24	220.00	220.07	220.07	220.10	0.022009	0.80	4.03	61.45	1.00

ATTRAVERSAMENTO:

- SC 0013

RIU BADDE ROMA
SC_0013
COROGRAFIA UBICAZIONE SEZIONI IDRAULICHE

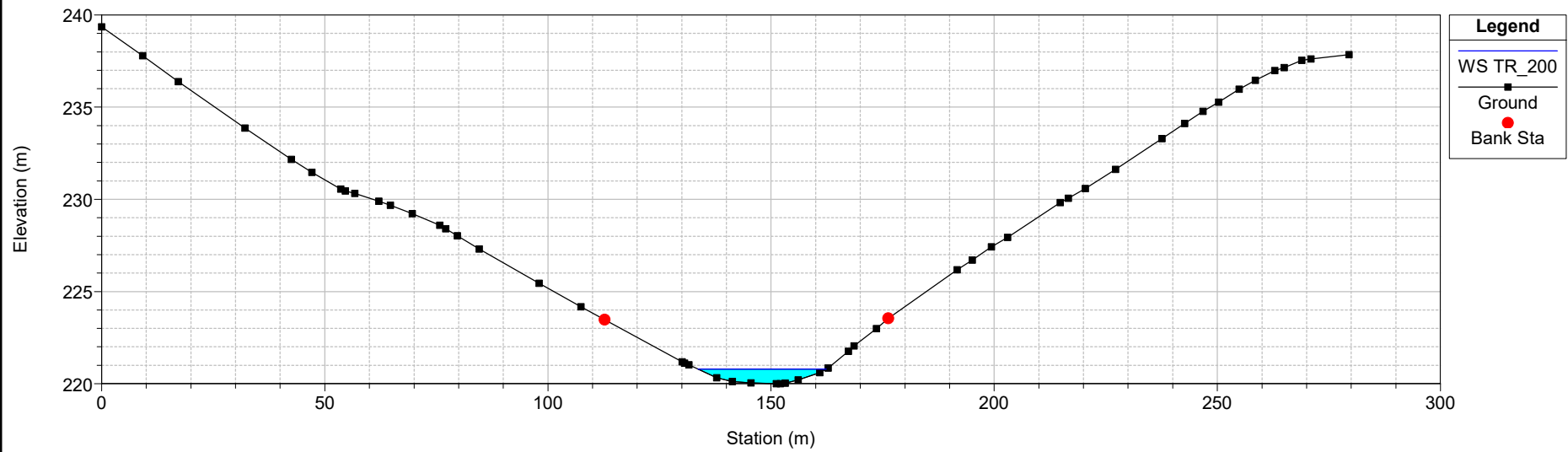




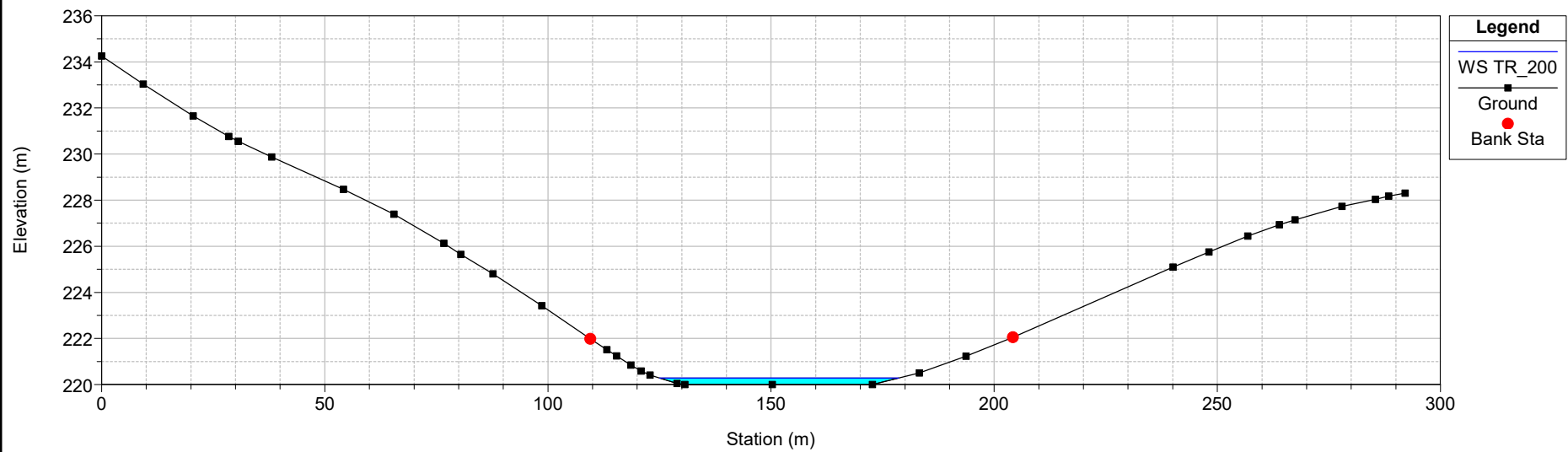
G191_SC_0013

SEZIONI

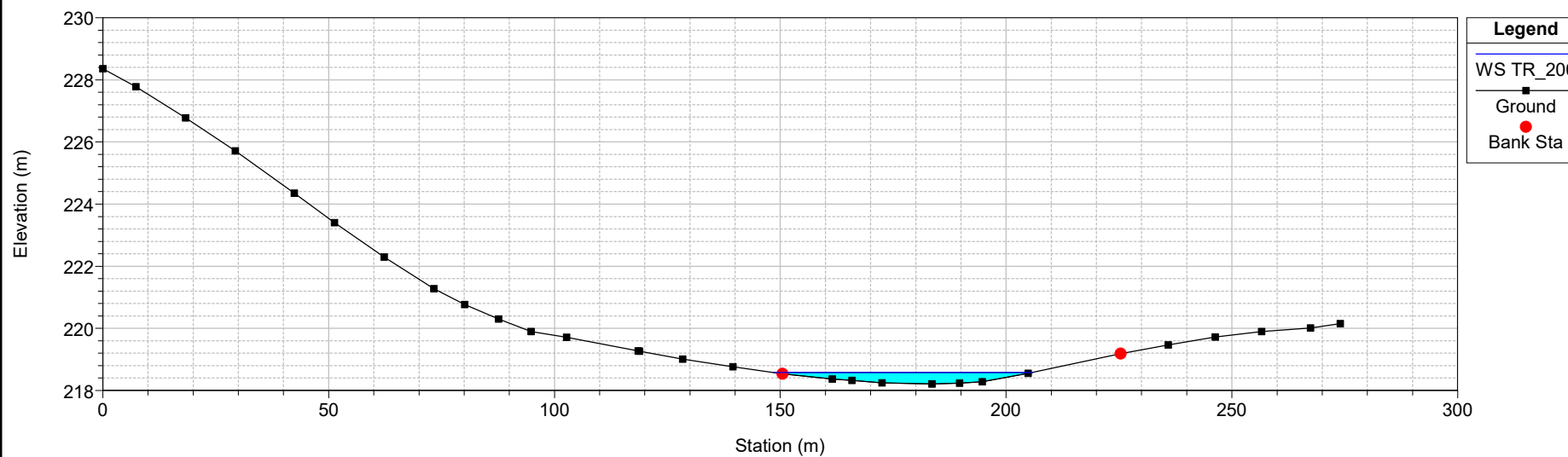
River = River 1 Reach = Reach 1 RS = 725



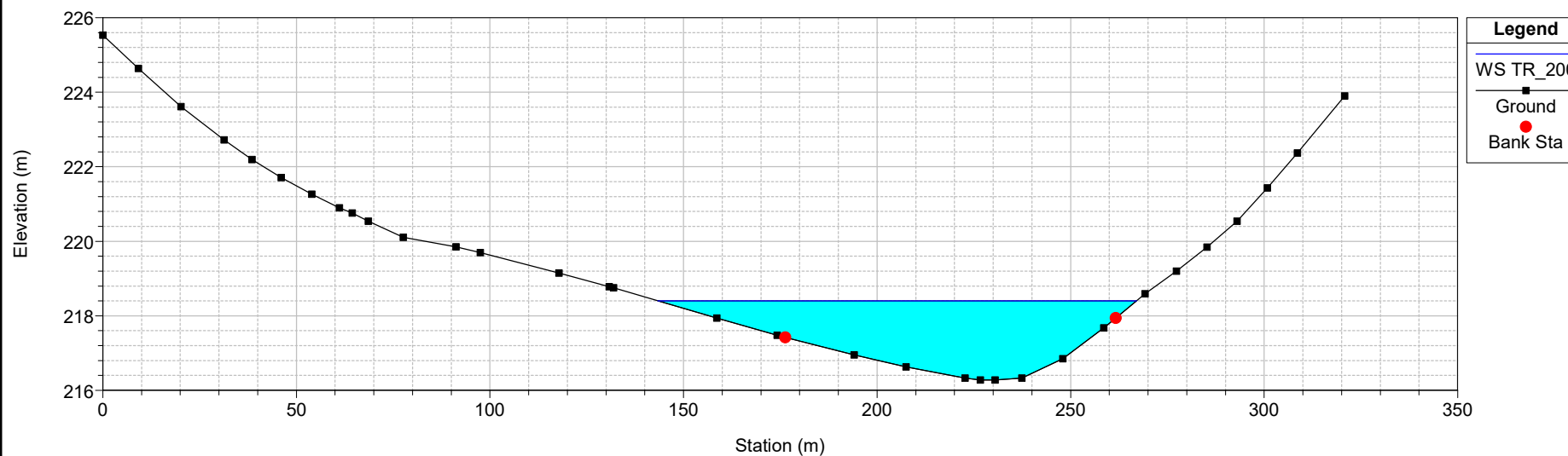
River = River 1 Reach = Reach 1 RS = 650



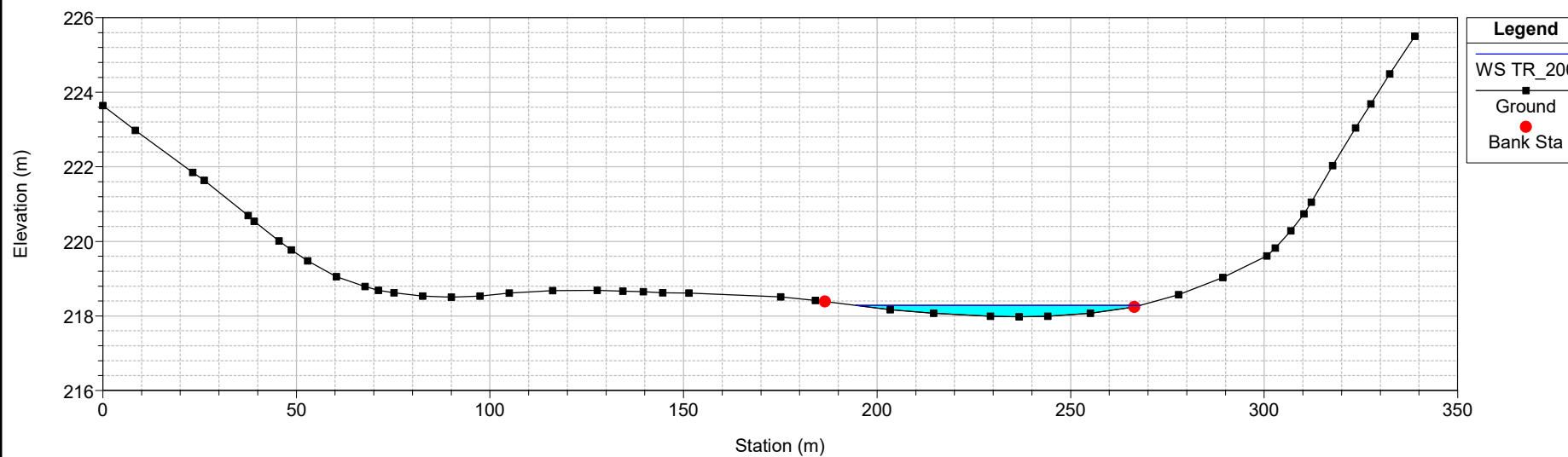
River = River 1 Reach = Reach 1 RS = 581



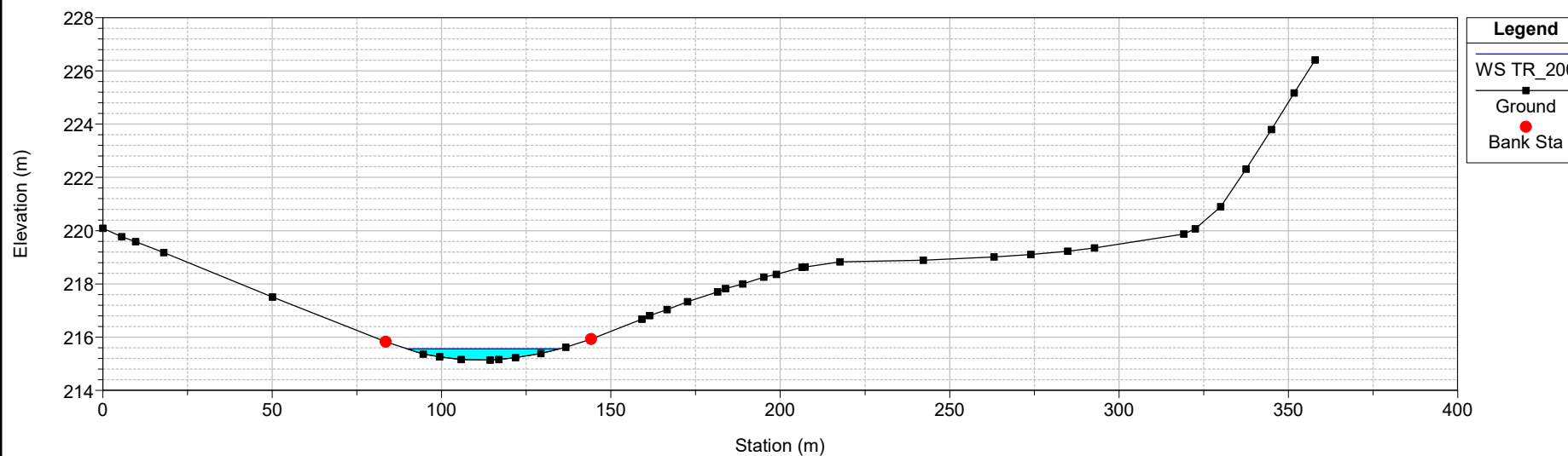
River = River 1 Reach = Reach 1 RS = 508



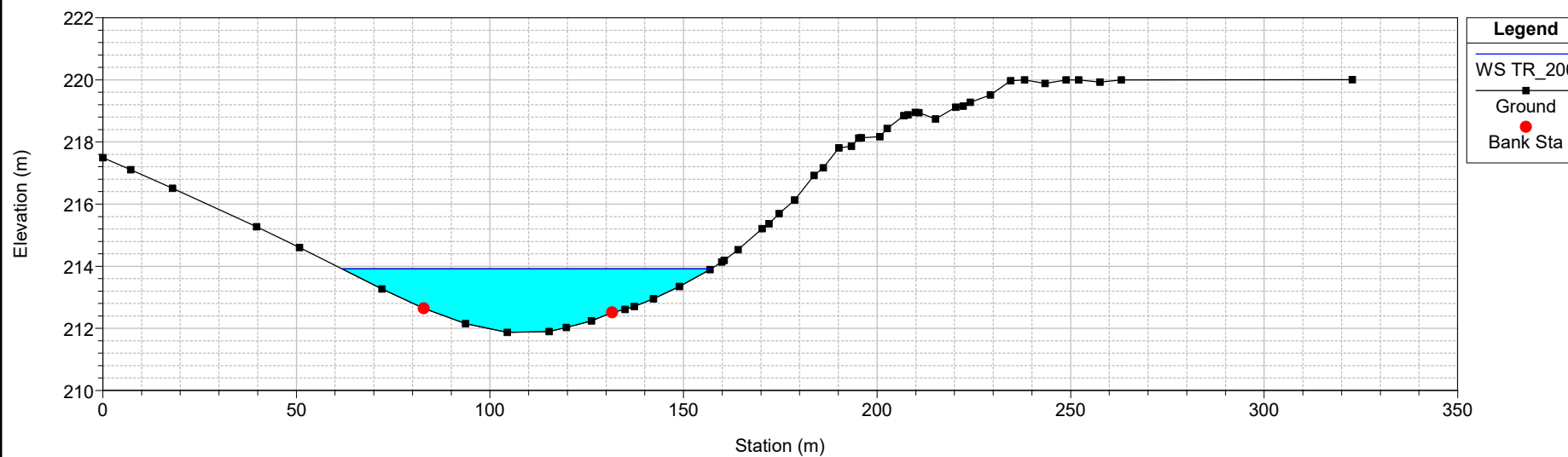
River = River 1 Reach = Reach 1 RS = 457



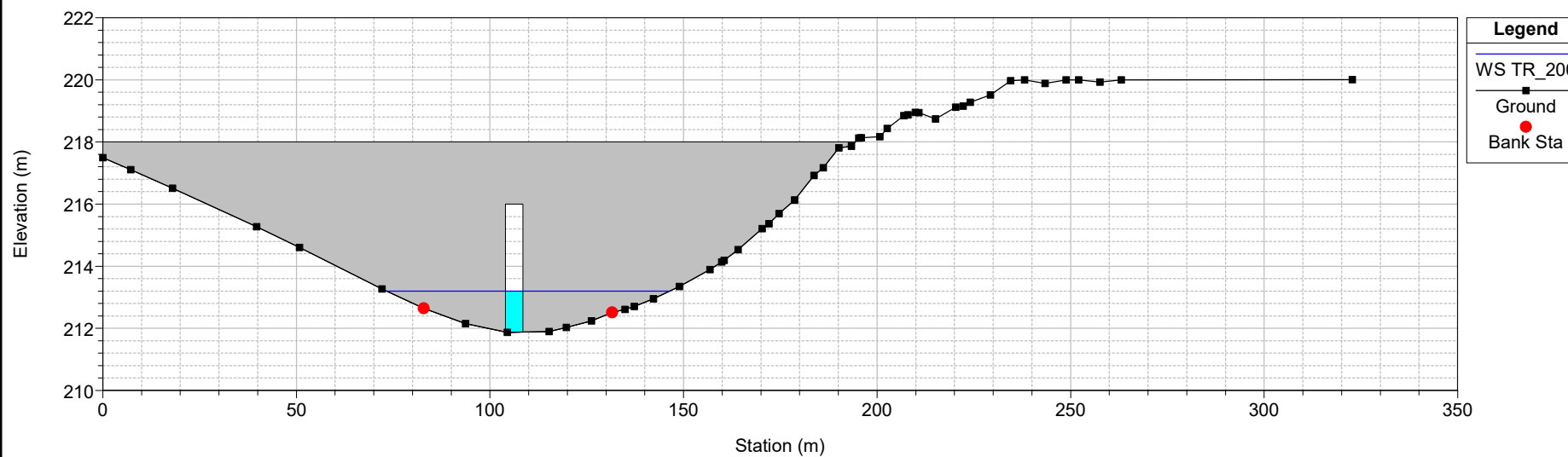
River = River 1 Reach = Reach 1 RS = 414



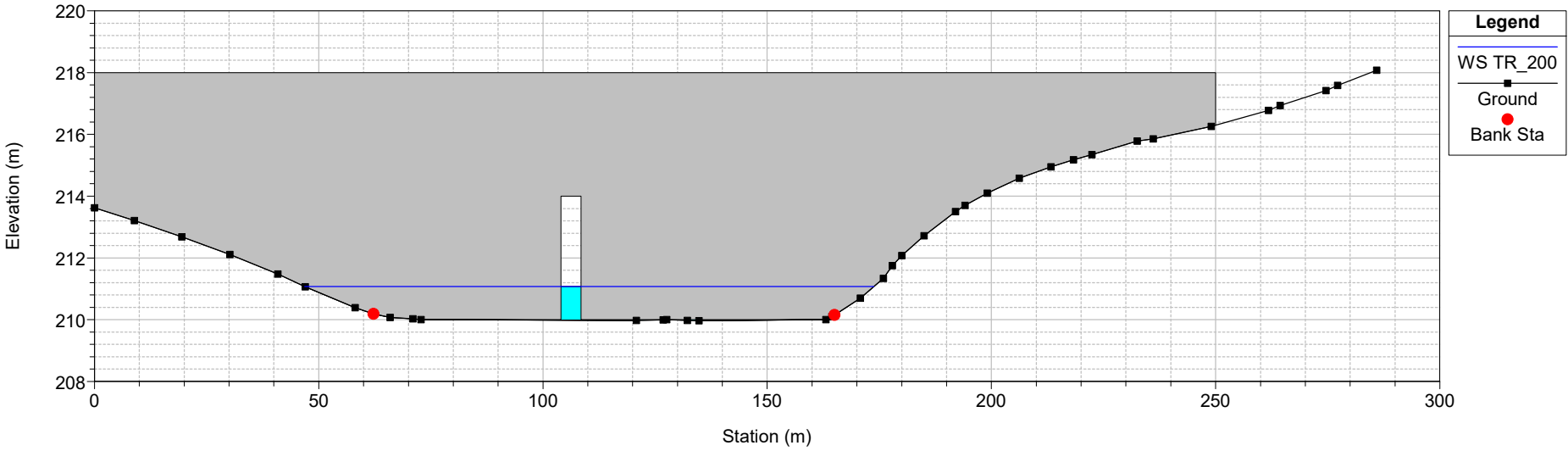
River = River 1 Reach = Reach 1 RS = 379



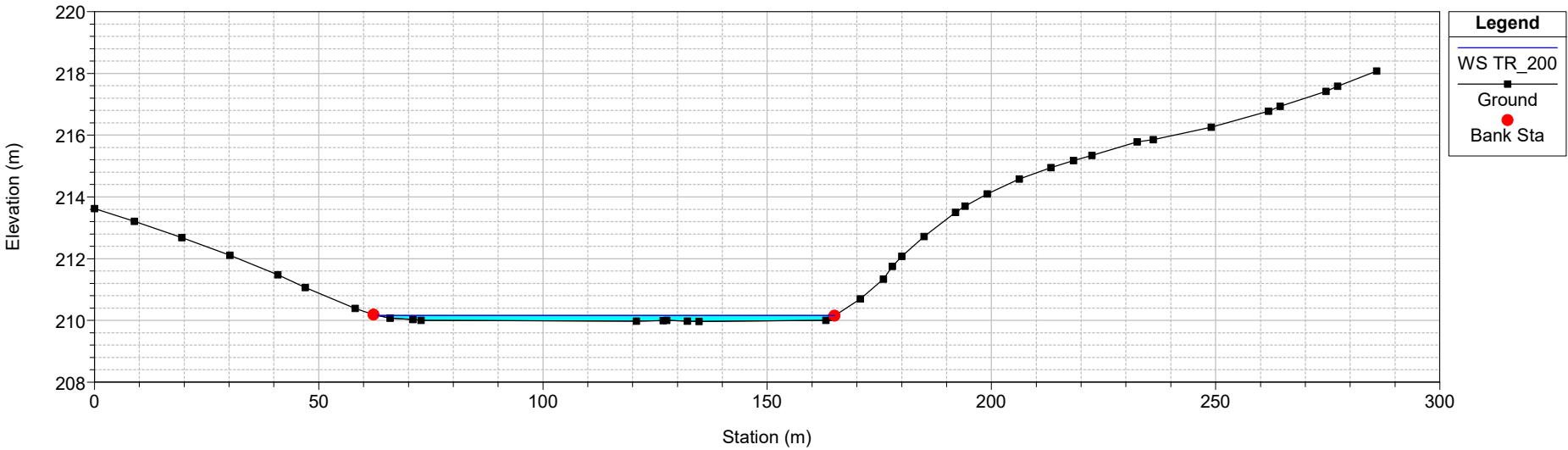
River = River 1 Reach = Reach 1 RS = 378 BR



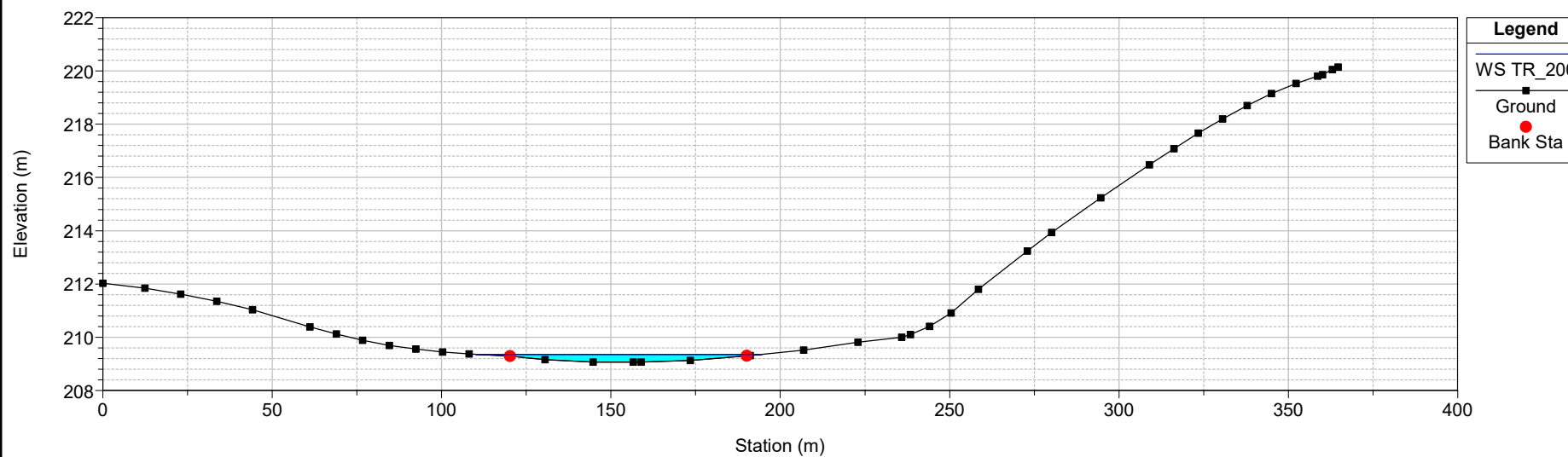
River = River 1 Reach = Reach 1 RS = 378 BR



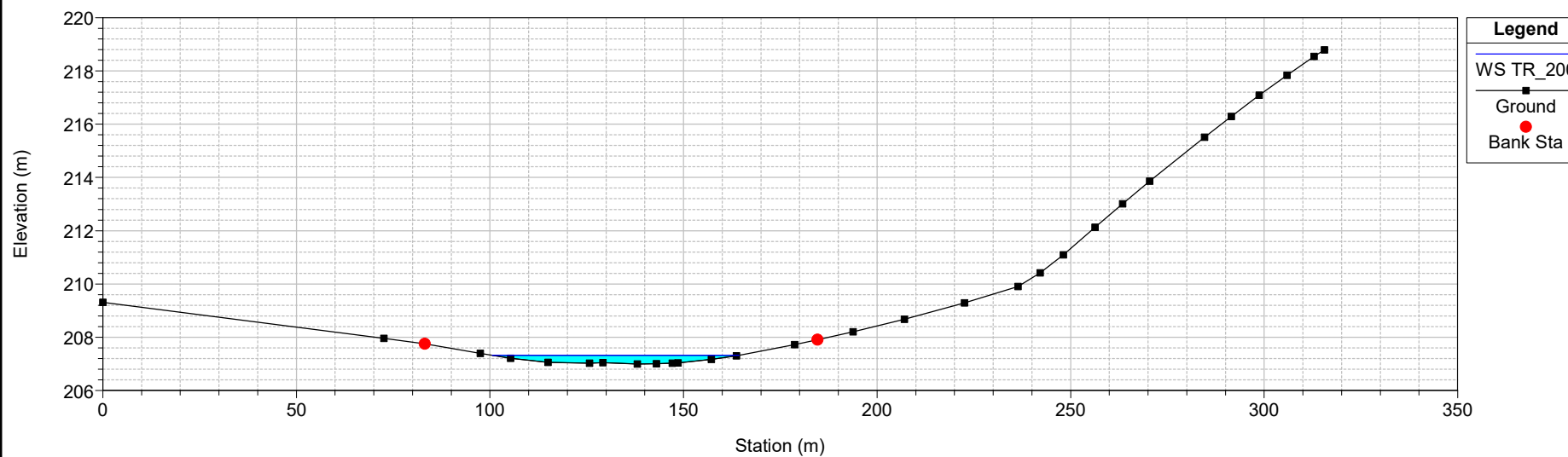
River = River 1 Reach = Reach 1 RS = 346



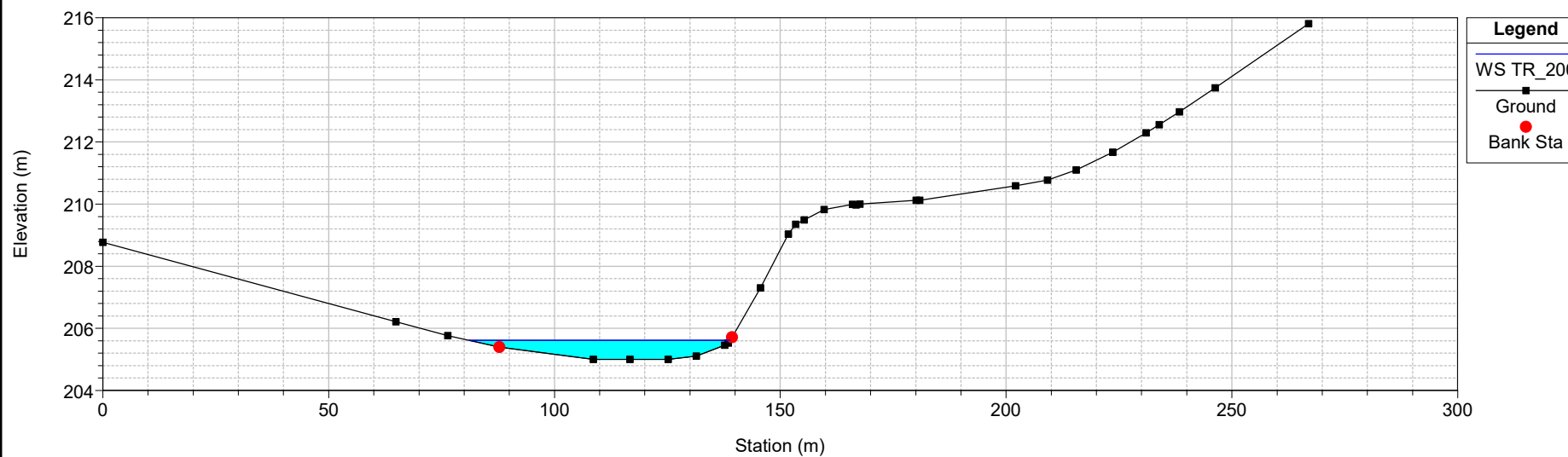
River = River 1 Reach = Reach 1 RS = 300



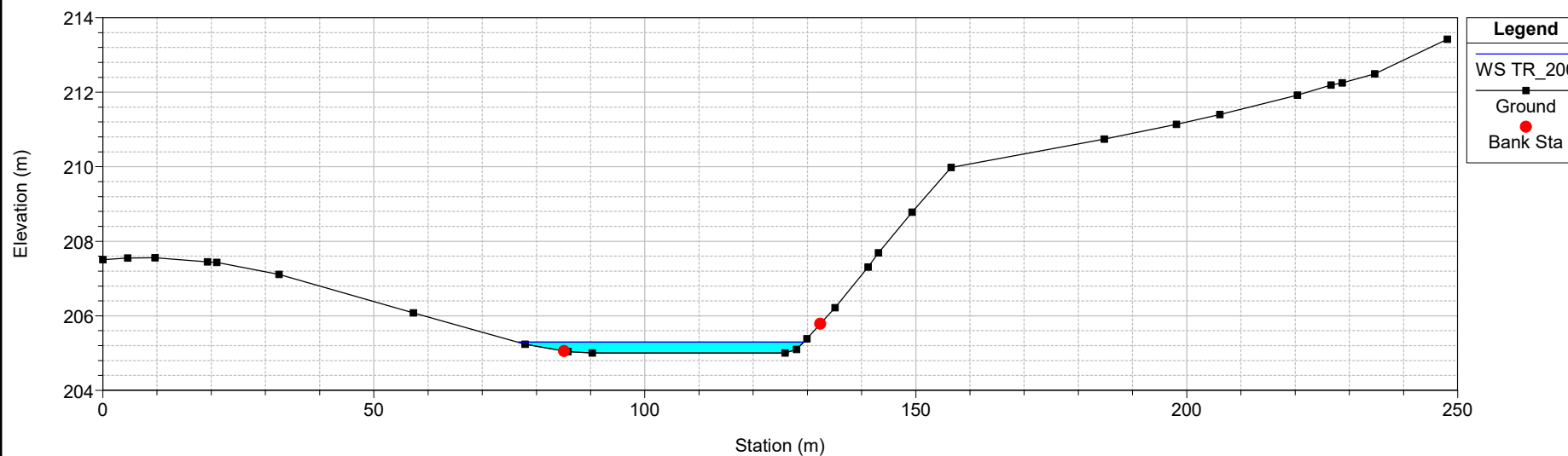
River = River 1 Reach = Reach 1 RS = 240



River = River 1 Reach = Reach 1 RS = 165



River = River 1 Reach = Reach 1 RS = 107



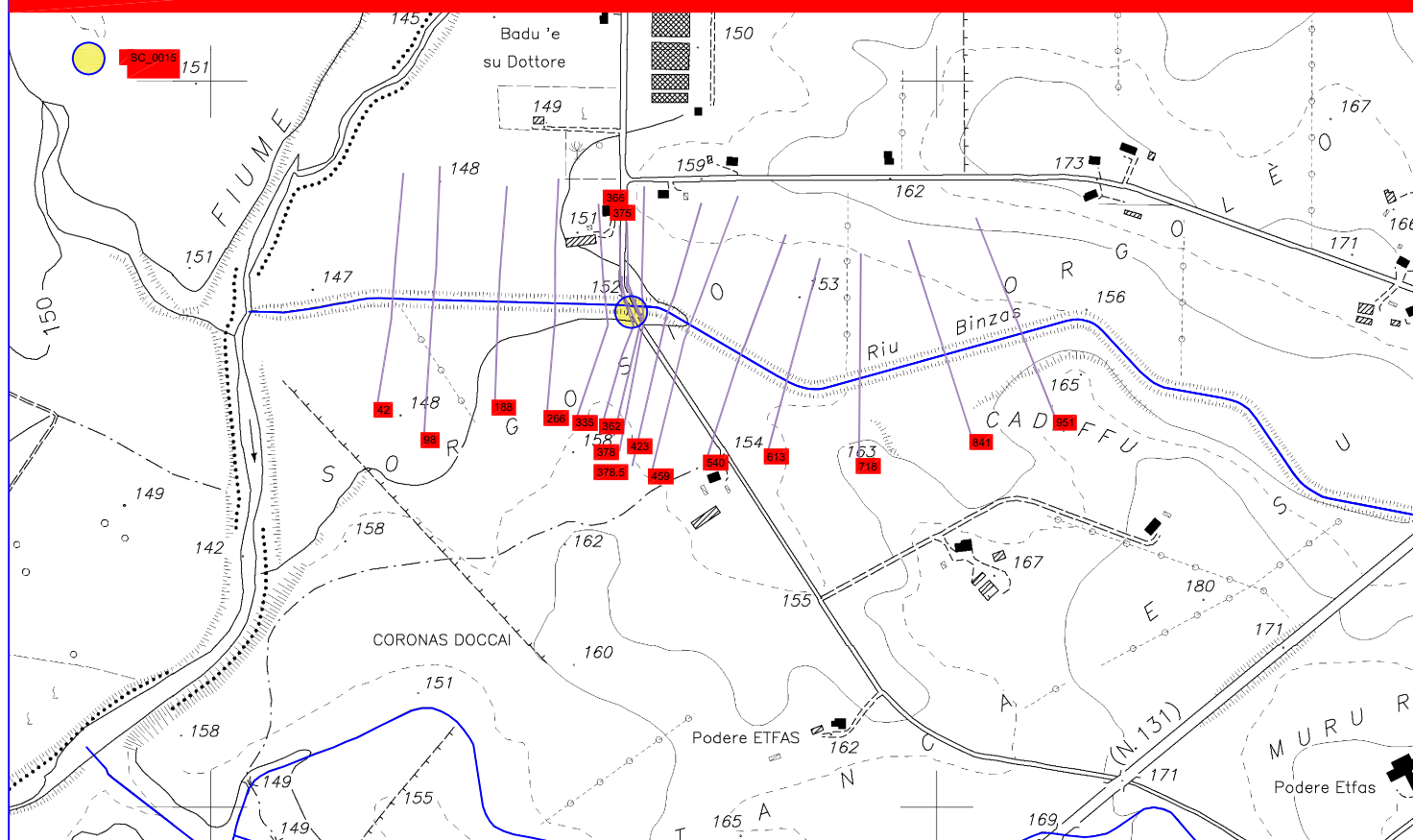
HEC-RAS Plan: SH013 River: River 1 Reach: Reach 1 Profile: TR_200

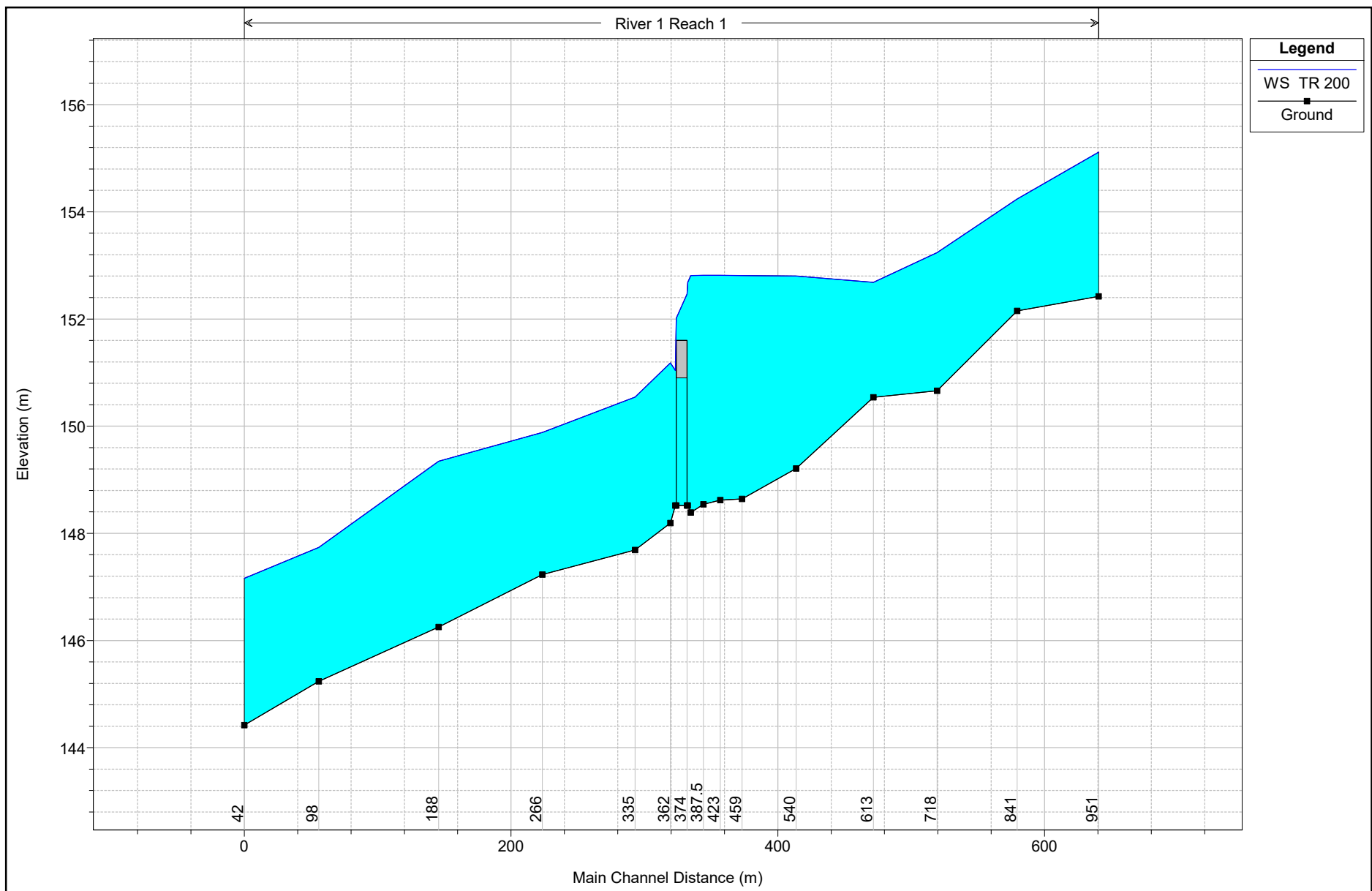
Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
			(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	
Reach 1	725	TR_200	21.37	220.00	220.79		220.89	0.003548	1.34	15.95	28.71	0.57
Reach 1	650	TR_200	21.37	220.00	220.28	220.28	220.41	0.014111	1.58	13.51	53.54	1.01
Reach 1	581	TR_200	21.37	218.21	218.58	218.58	218.70	0.014274	1.57	13.68	57.28	1.01
Reach 1	508	TR_200	21.37	216.28	218.40		218.40	0.000011	0.15	154.03	123.66	0.04
Reach 1	457	TR_200	21.37	217.98	218.29	218.29	218.39	0.015138	1.43	14.93	73.58	1.01
Reach 1	414	TR_200	21.37	215.14	215.56	215.56	215.71	0.013608	1.67	12.77	45.19	1.01
Reach 1	379	TR_200	21.37	211.87	213.92	212.34	213.92	0.000018	0.21	121.75	95.46	0.05
Reach 1	378		Bridge									
Reach 1	346	TR_200	21.37	209.97	210.16	210.16	210.24	0.016301	1.28	16.74	101.94	1.01
Reach 1	300	TR_200	21.37	209.07	209.36	209.36	209.46	0.014130	1.42	15.44	84.55	0.98
Reach 1	240	TR_200	21.37	206.99	207.32	207.32	207.43	0.014704	1.49	14.32	63.78	1.01
Reach 1	165	TR_200	21.37	205.00	205.62		205.66	0.001761	0.86	25.38	57.80	0.40
Reach 1	107	TR_200	21.37	205.00	205.30	205.30	205.43	0.012954	1.64	13.65	52.77	0.98

ATTRAVERSAMENTO:

- SC 0015

RIU BINZAS
SC_0015
COROGRAFIA UBICAZIONE SEZIONI IDRAULICHE

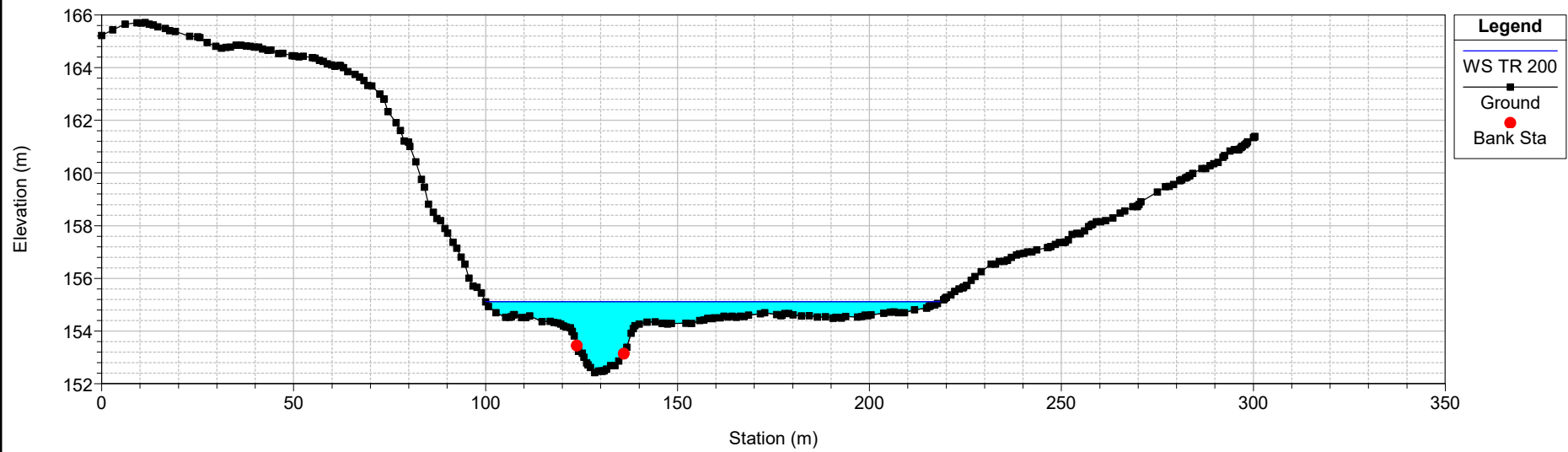




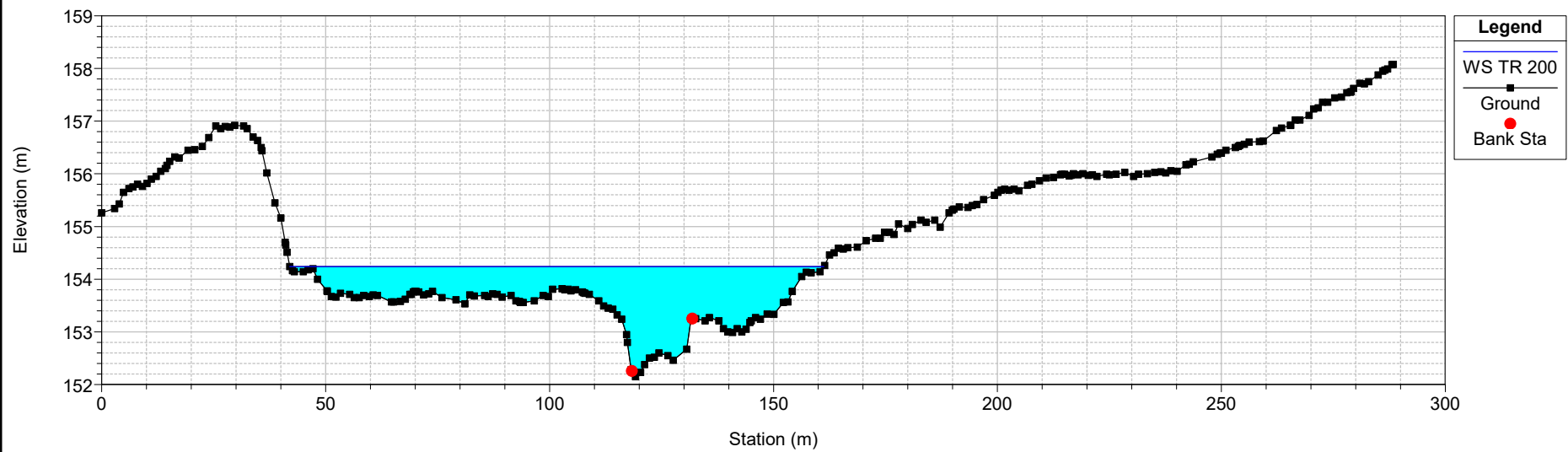
G191_SC_0015

SEZIONI

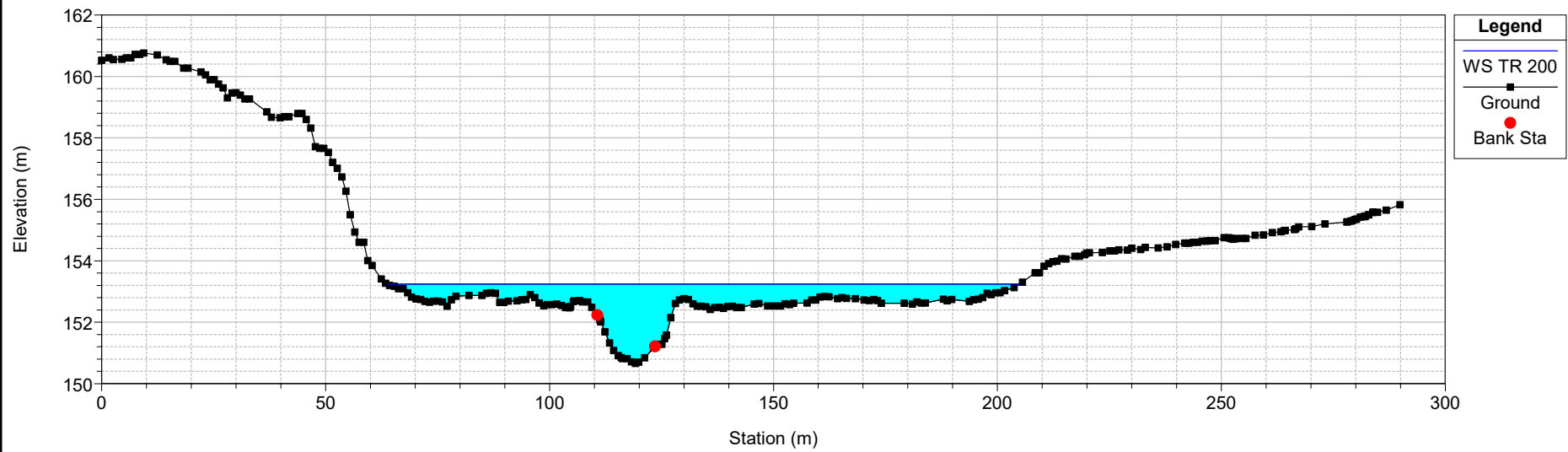
River = River 1 Reach = Reach 1 RS = 951



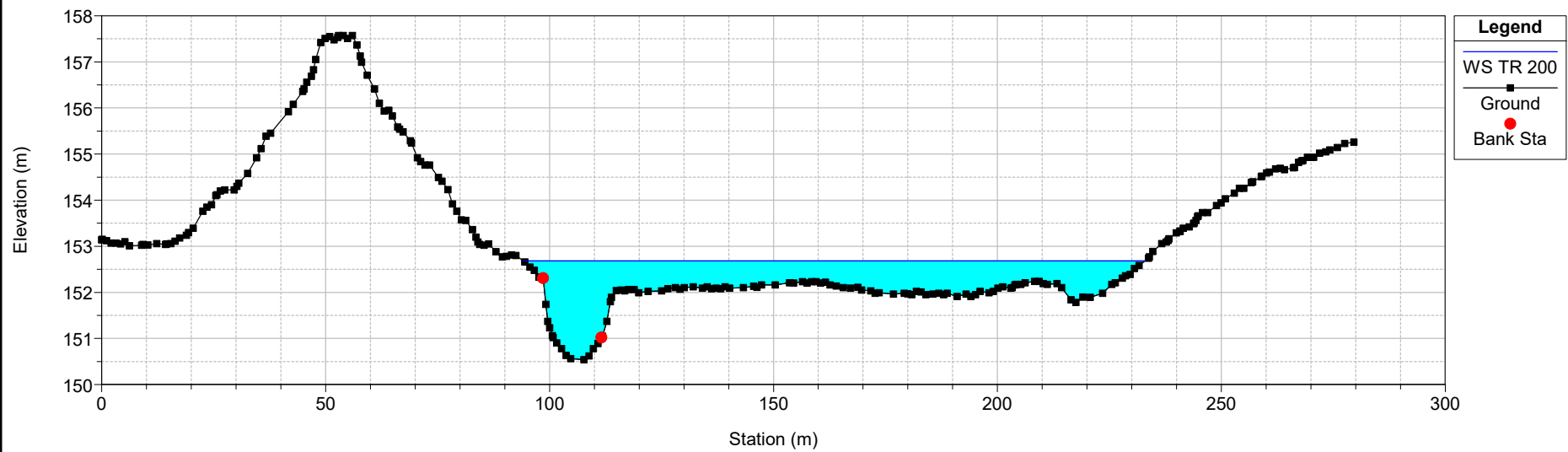
River = River 1 Reach = Reach 1 RS = 841



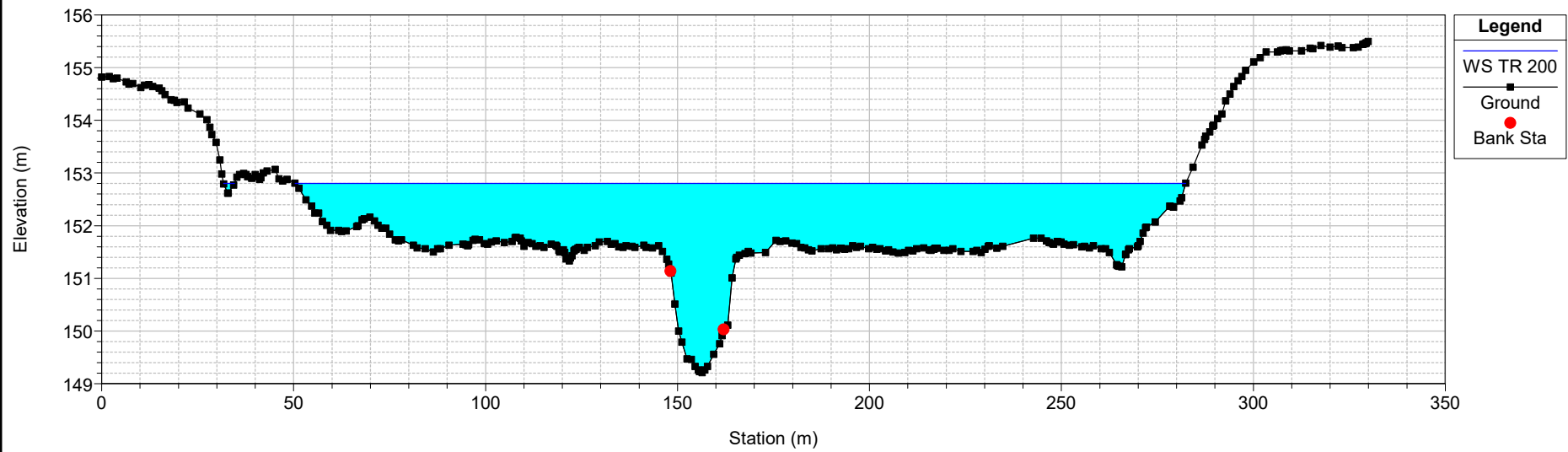
River = River 1 Reach = Reach 1 RS = 718



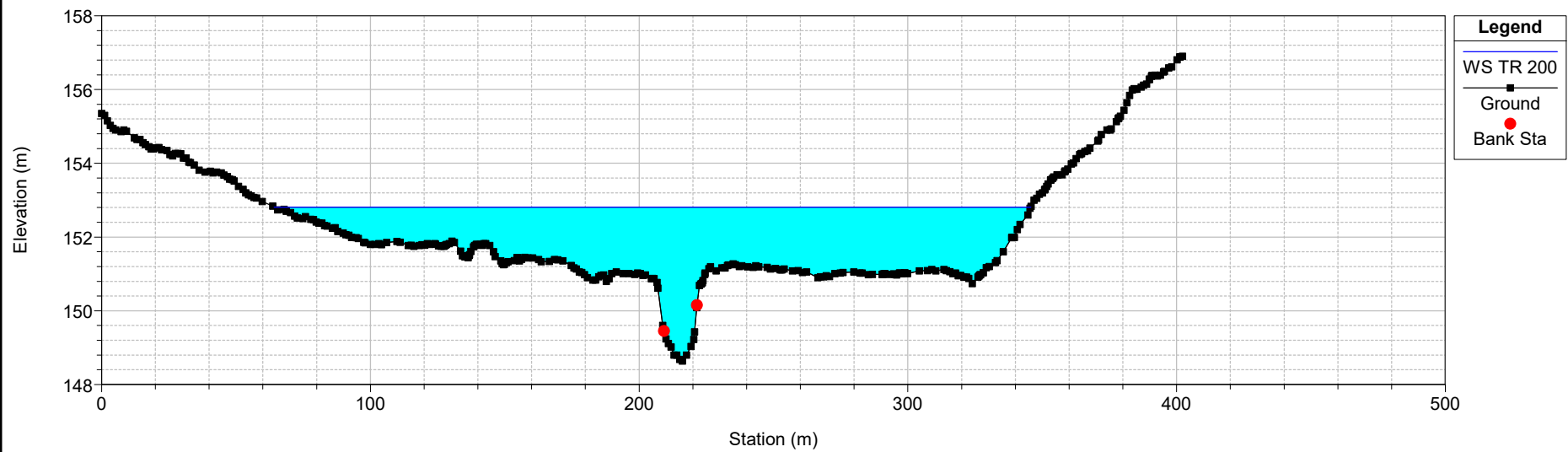
River = River 1 Reach = Reach 1 RS = 613



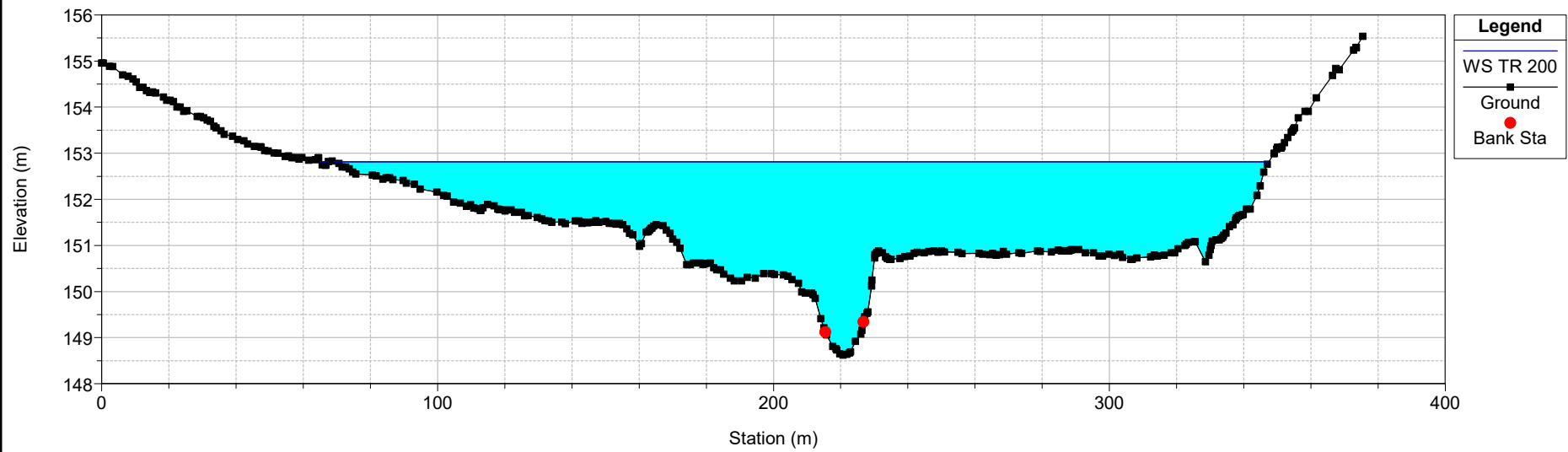
River = River 1 Reach = Reach 1 RS = 540



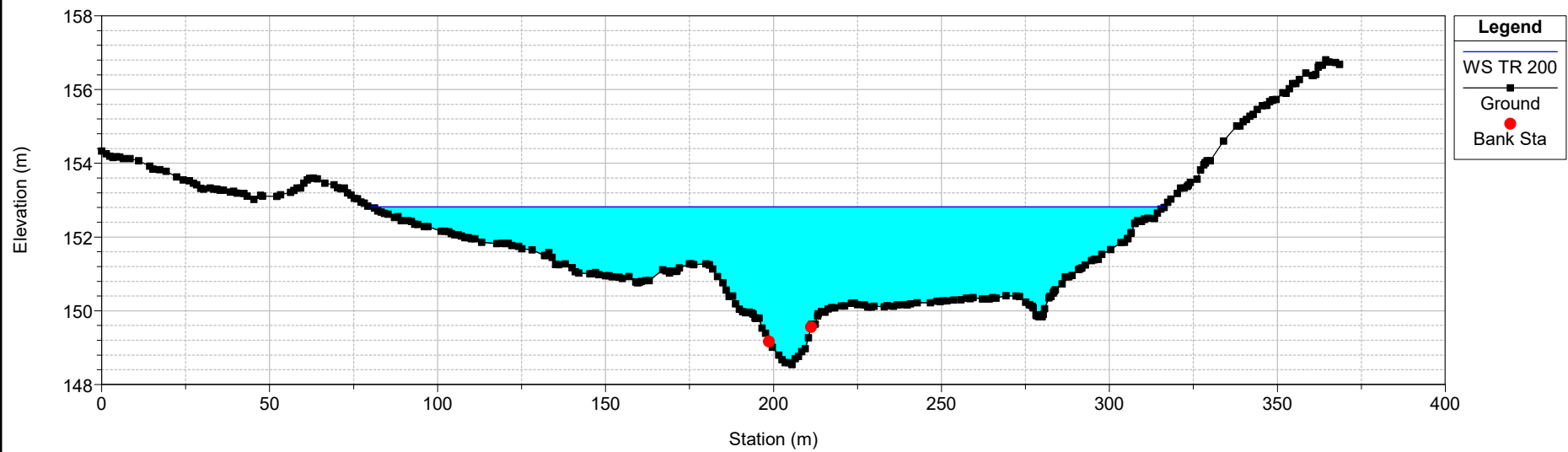
River = River 1 Reach = Reach 1 RS = 459



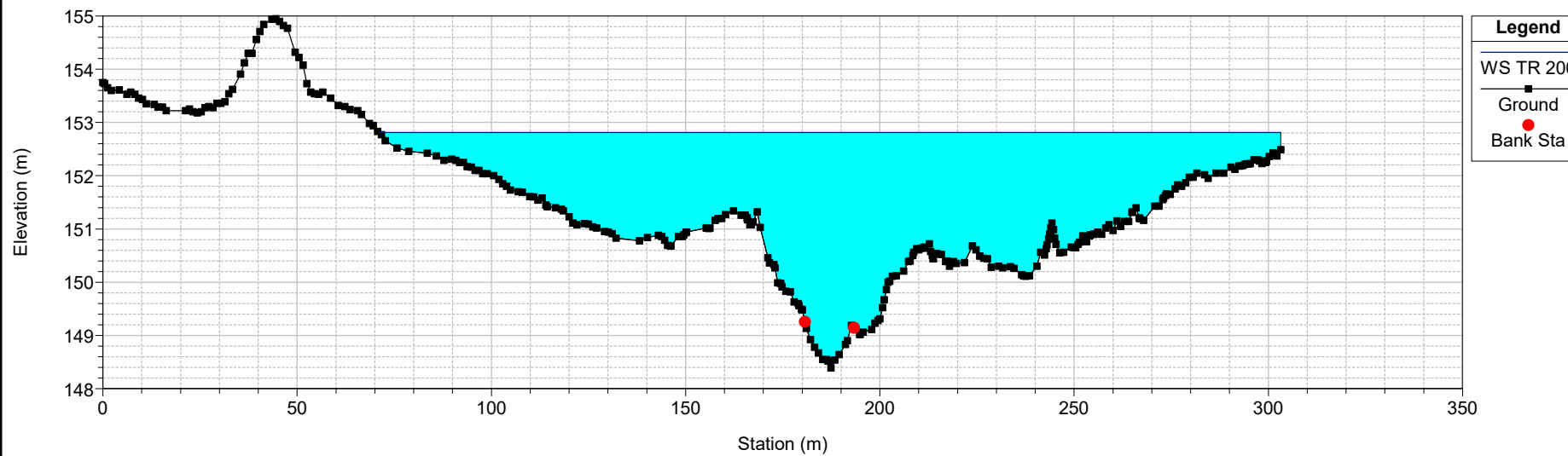
River = River 1 Reach = Reach 1 RS = 423



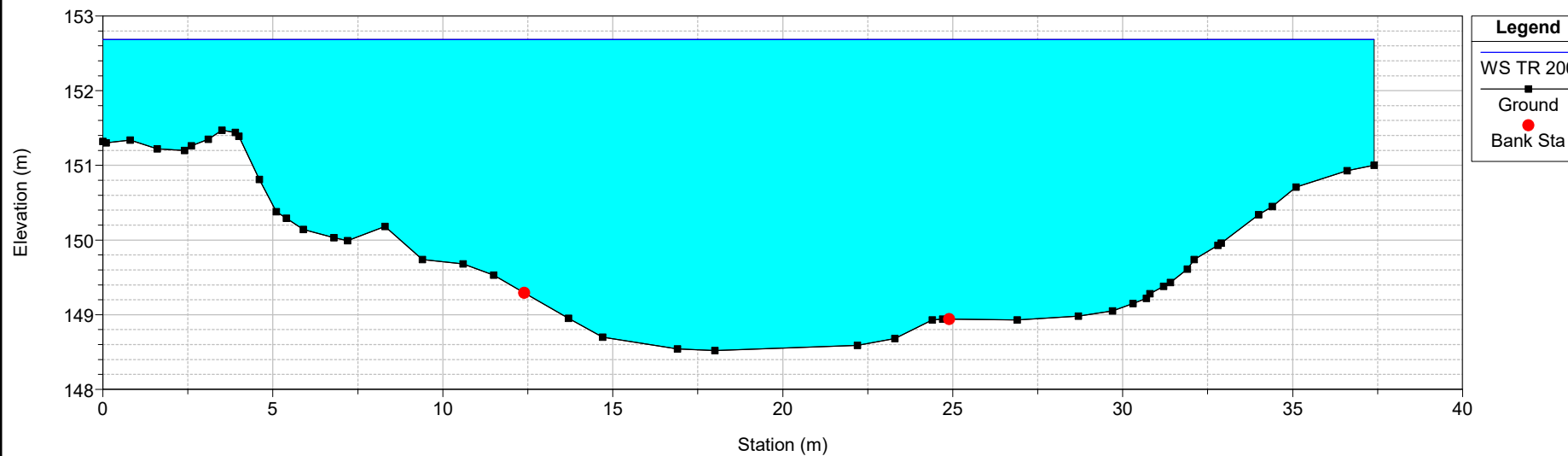
River = River 1 Reach = Reach 1 RS = 387.5



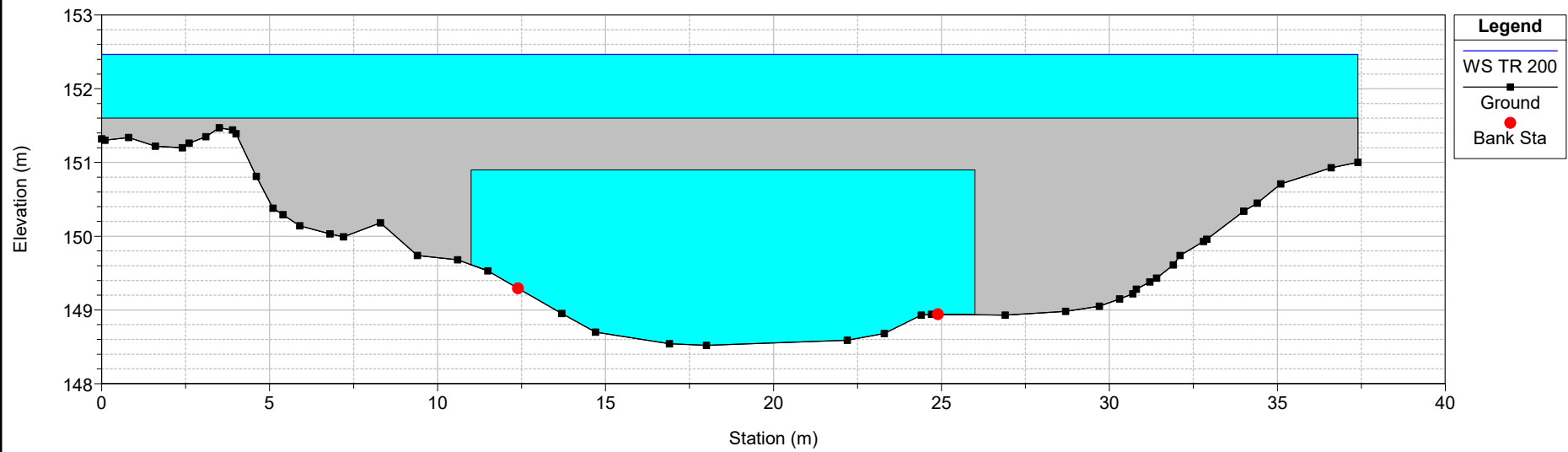
River = River 1 Reach = Reach 1 RS = 378



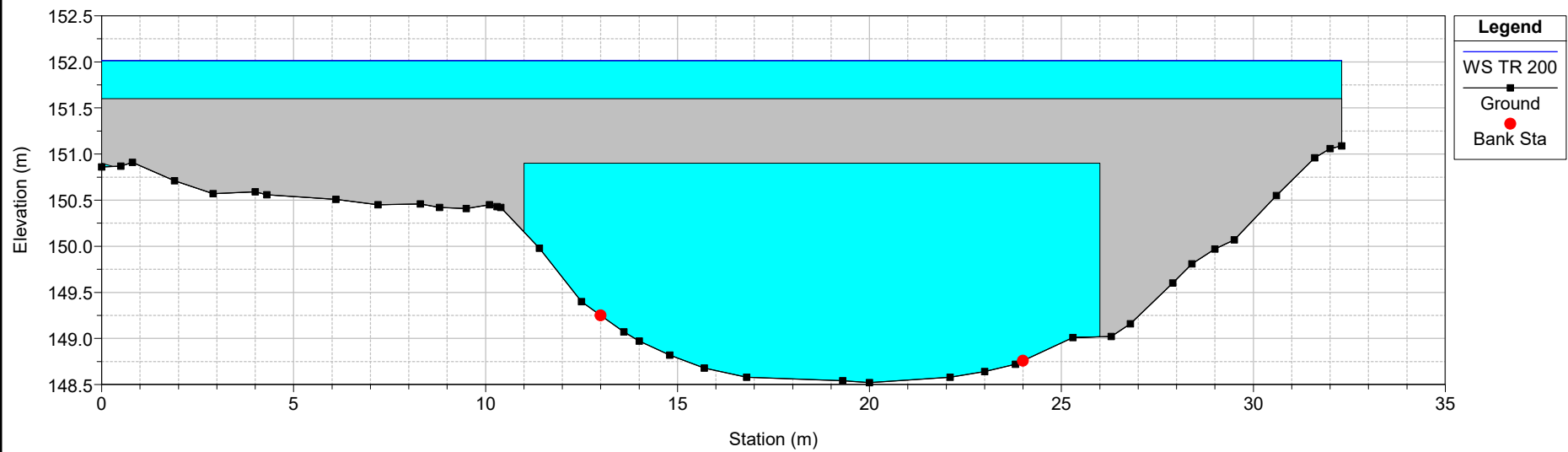
River = River 1 Reach = Reach 1 RS = 375



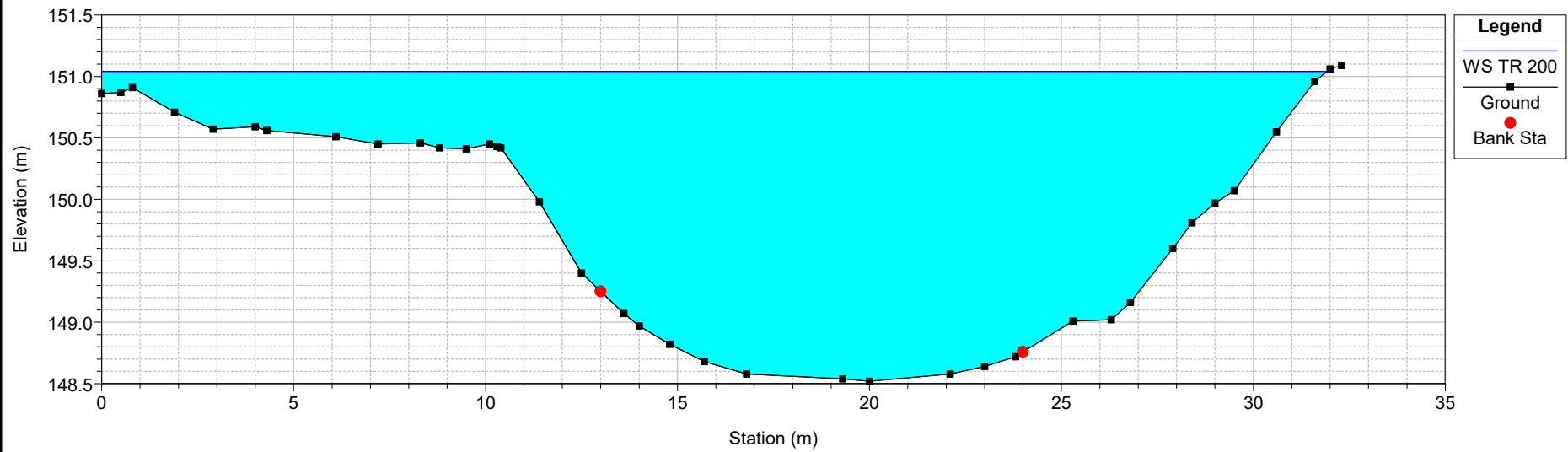
River = River 1 Reach = Reach 1 RS = 374 BR Ponte attr.015



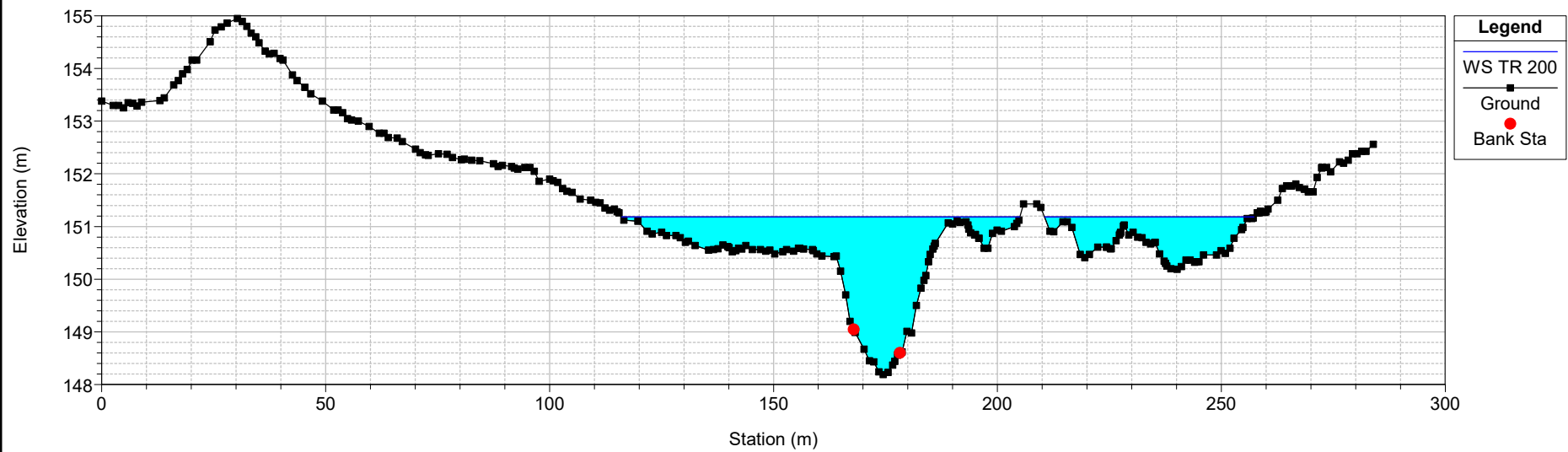
River = River 1 Reach = Reach 1 RS = 374 BR Ponte attr.015



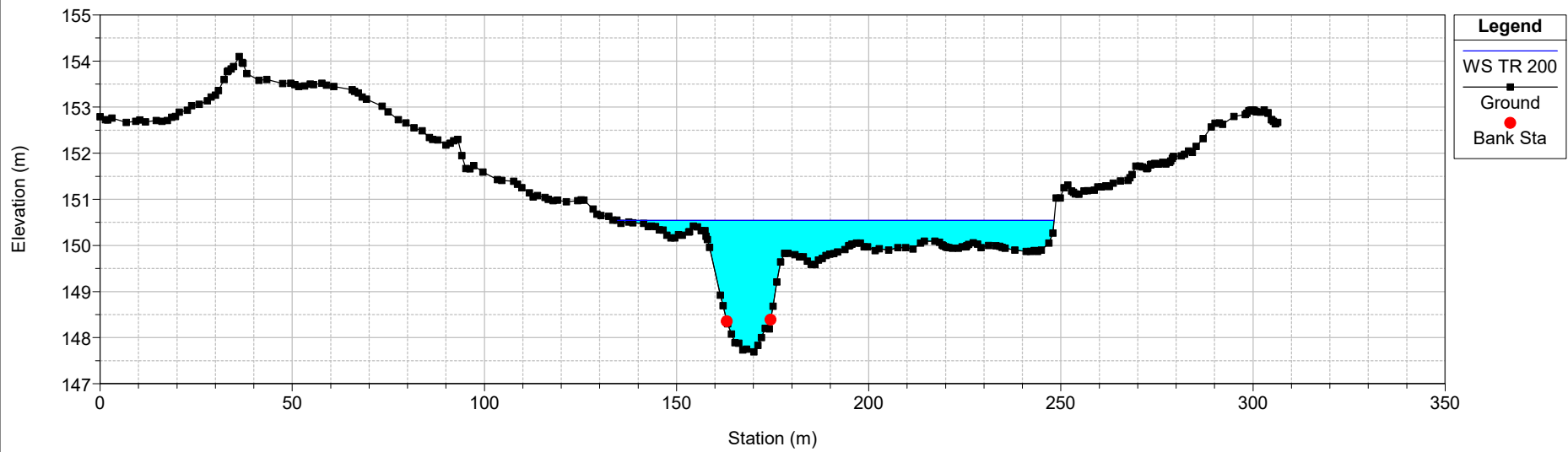
River = River 1 Reach = Reach 1 RS = 366



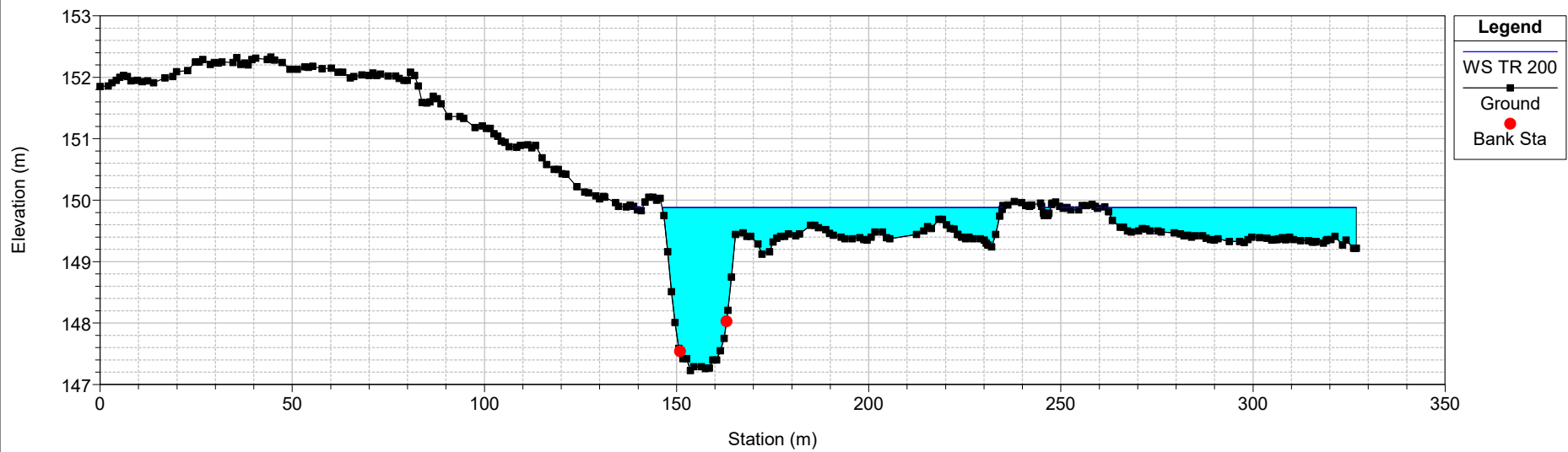
River = River 1 Reach = Reach 1 RS = 362



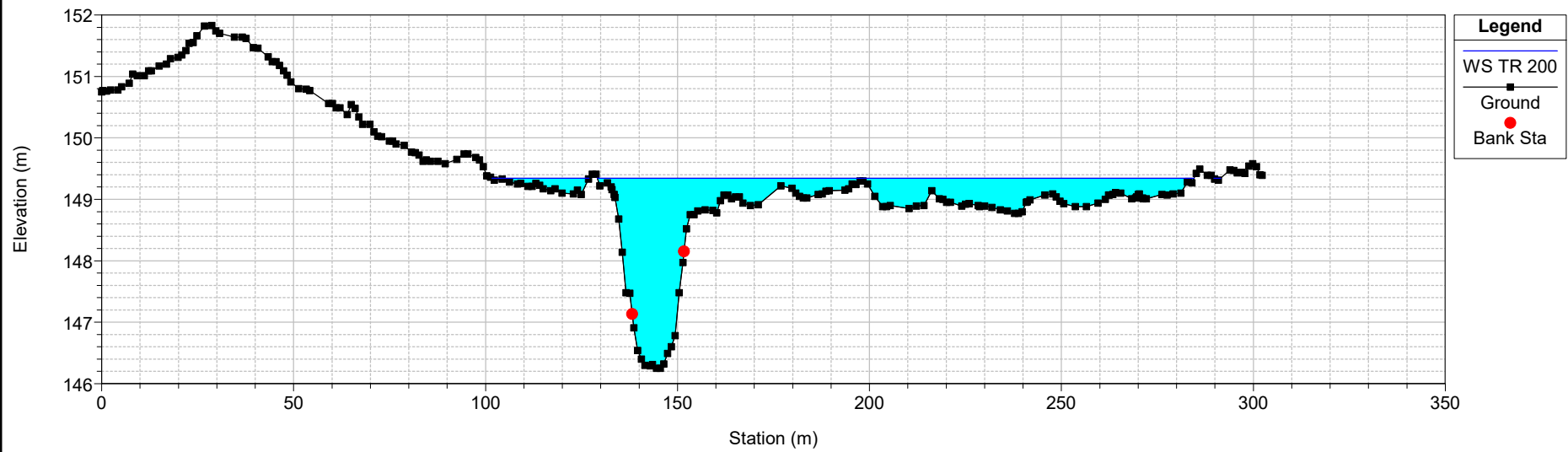
River = River 1 Reach = Reach 1 RS = 335



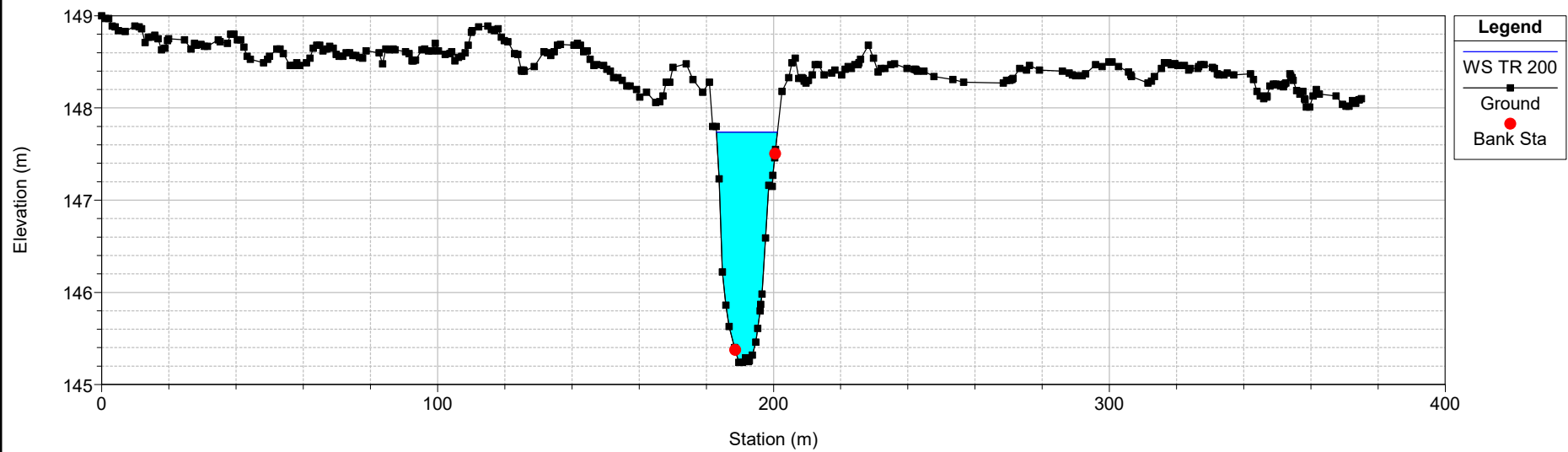
River = River 1 Reach = Reach 1 RS = 266



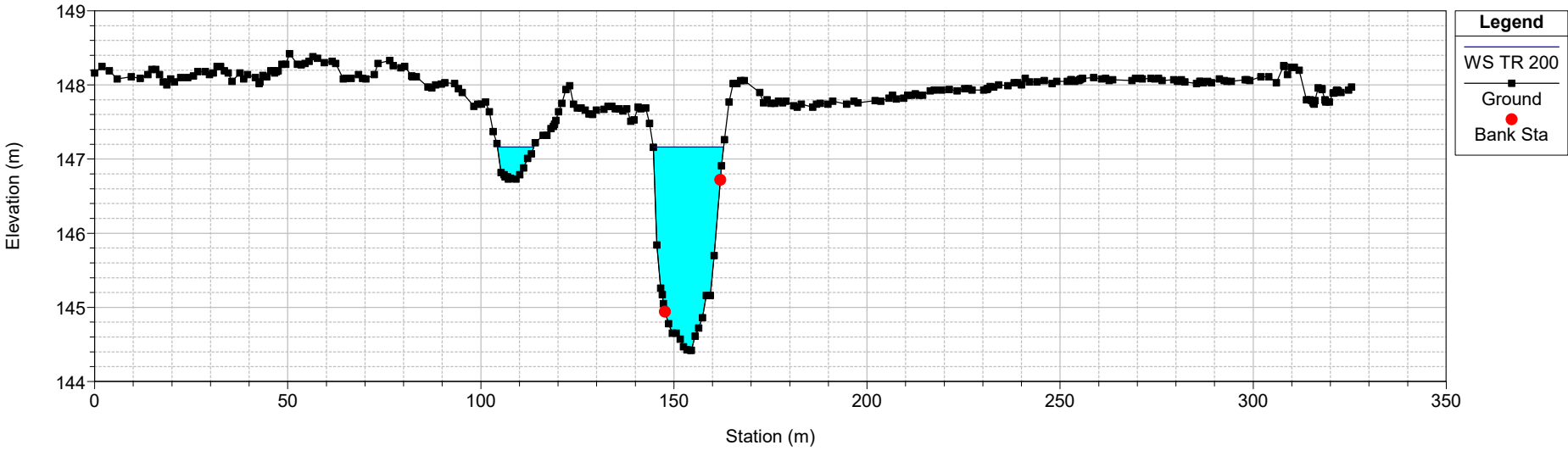
River = River 1 Reach = Reach 1 RS = 188



River = River 1 Reach = Reach 1 RS = 98



River = River 1 Reach = Reach 1 RS = 42



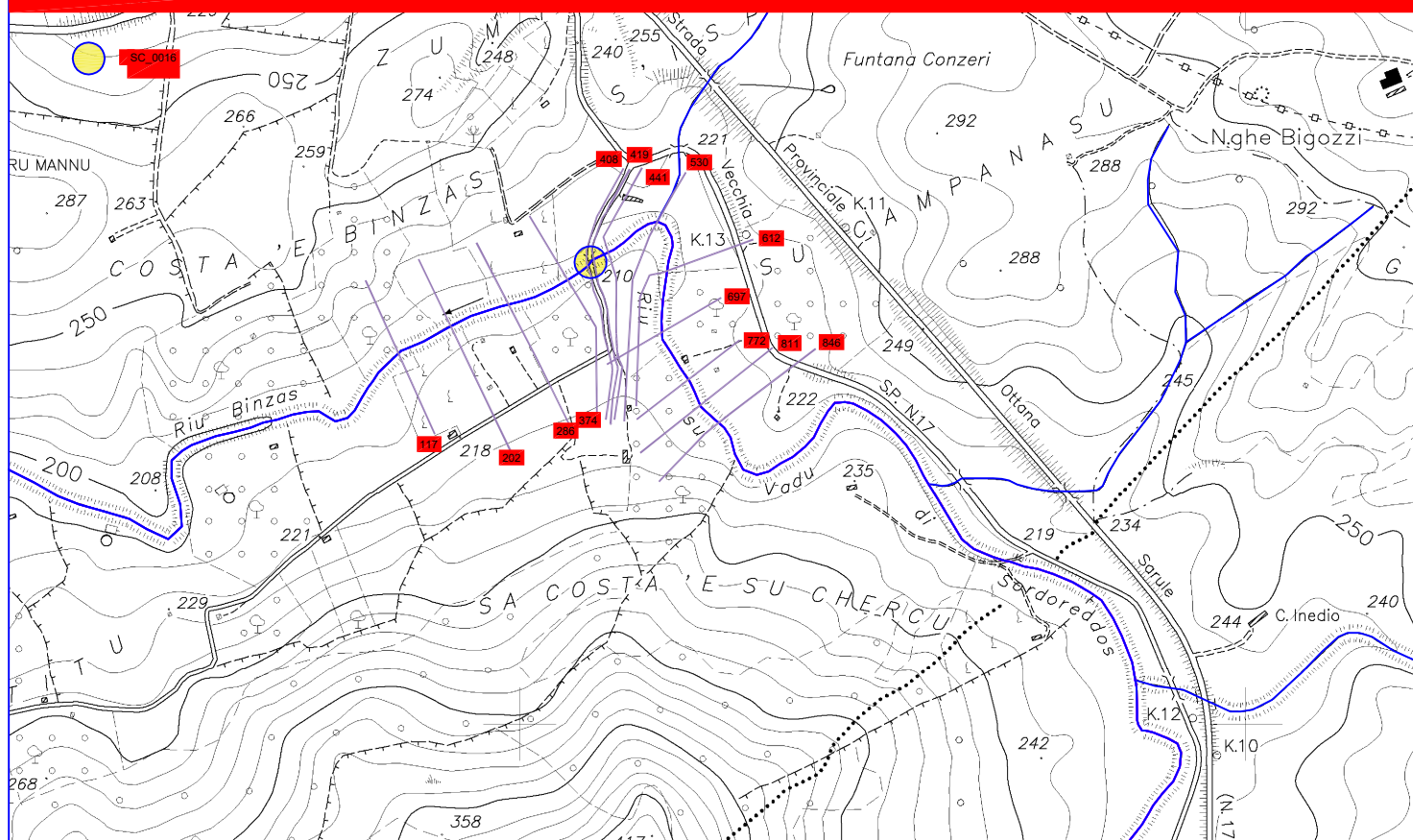
HEC-RAS Plan: SHORT15 River: River 1 Reach: Reach 1 Profile: TR 200

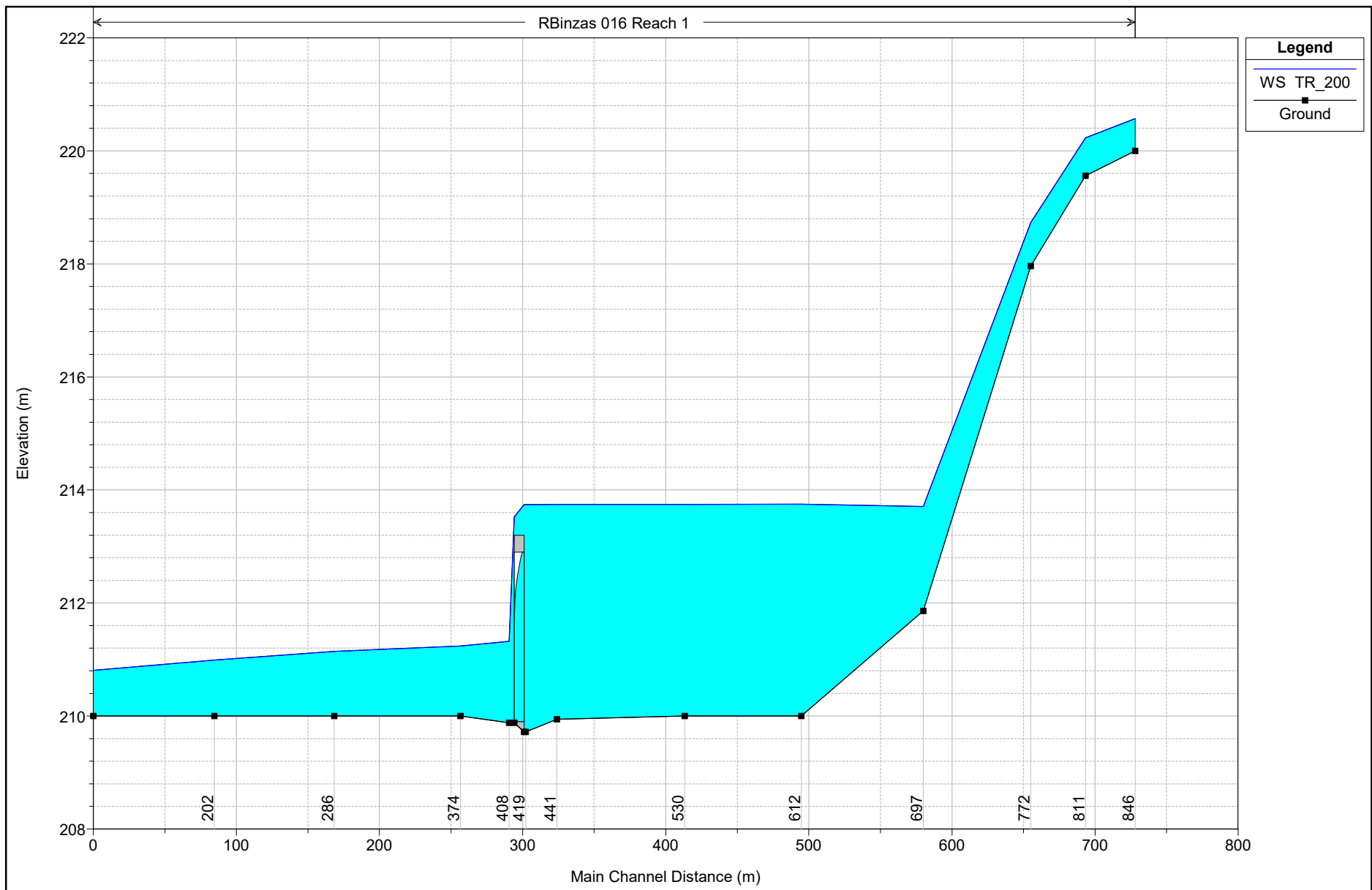
Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
			(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	
Reach 1	951	TR 200	137.98	152.42	155.11	155.11	155.49	0.000995	3.26	93.03	118.47	0.68
Reach 1	841	TR 200	137.98	152.15	154.24	154.24	154.58	0.001616	3.36	89.53	119.24	0.82
Reach 1	718	TR 200	137.98	150.66	153.24	153.24	153.58	0.001078	3.18	100.28	141.10	0.69
Reach 1	613	TR 200	137.98	150.54	152.68	152.68	153.00	0.001390	3.23	98.97	138.80	0.76
Reach 1	540	TR 200	137.98	149.21	152.80		152.84	0.000106	1.27	289.95	234.76	0.23
Reach 1	459	TR 200	137.98	148.64	152.81		152.83	0.000043	0.92	425.55	281.56	0.15
Reach 1	423	TR 200	137.98	148.62	152.82		152.83	0.000030	0.81	482.19	280.58	0.13
Reach 1	387.5	TR 200	137.98	148.54	152.81		152.83	0.000030	0.80	444.69	236.14	0.13
Reach 1	378	TR 200	137.98	148.39	152.81		152.82	0.000035	0.88	416.84	232.16	0.14
Reach 1	375	TR 200	137.98	148.52	152.68	150.69	152.81	0.000163	1.88	115.48	37.40	0.30
Reach 1	374		Bridge									
Reach 1	366	TR 200	137.98	148.52	151.04	151.04	151.88	0.001782	4.40	44.77	31.92	0.91
Reach 1	362	TR 200	137.98	148.19	151.18	151.18	151.57	0.000877	3.35	100.06	135.64	0.65
Reach 1	335	TR 200	137.98	147.69	150.54	150.54	150.96	0.000921	3.36	88.49	113.60	0.66
Reach 1	266	TR 200	137.98	147.23	149.88	149.88	150.26	0.000899	3.21	101.24	164.95	0.65
Reach 1	188	TR 200	137.98	146.25	149.34	149.34	149.75	0.000768	3.09	93.37	182.53	0.60
Reach 1	98	TR 200	137.98	145.24	147.74	147.74	149.00	0.003780	5.31	31.03	18.17	1.25
Reach 1	42	TR 200	137.98	144.42	147.16	147.02	147.96	0.001701	4.06	39.58	27.59	0.86

ATTRAVERSAMENTO:

- SC 0016

RIU BINZAS
SC_0016
COROGRAFIA UBICAZIONE SEZIONI IDRAULICHE

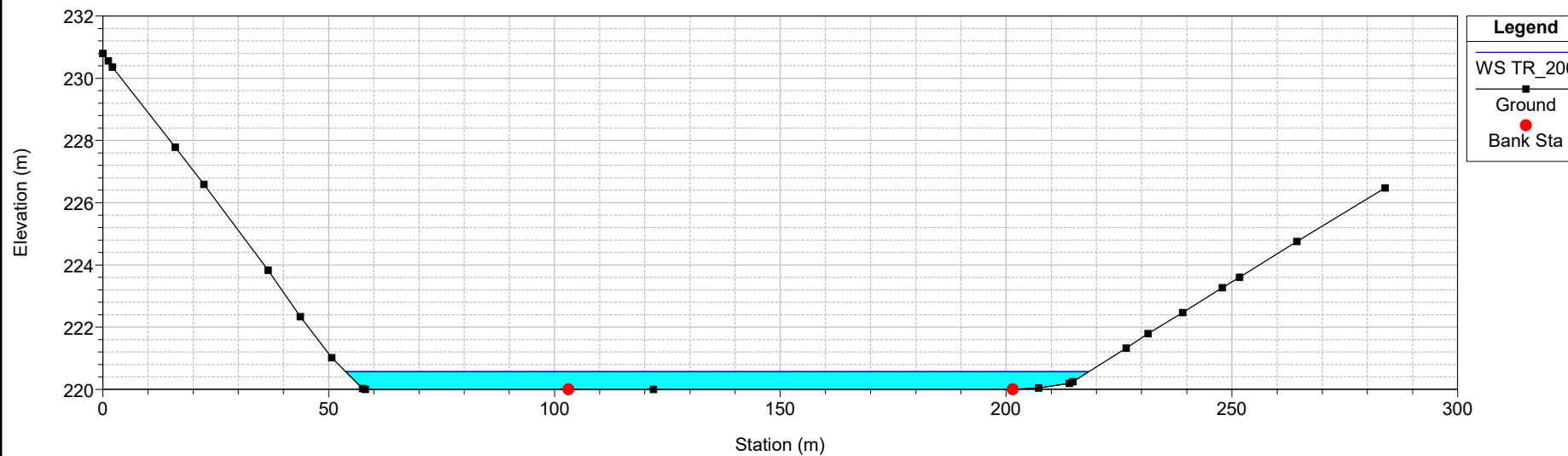




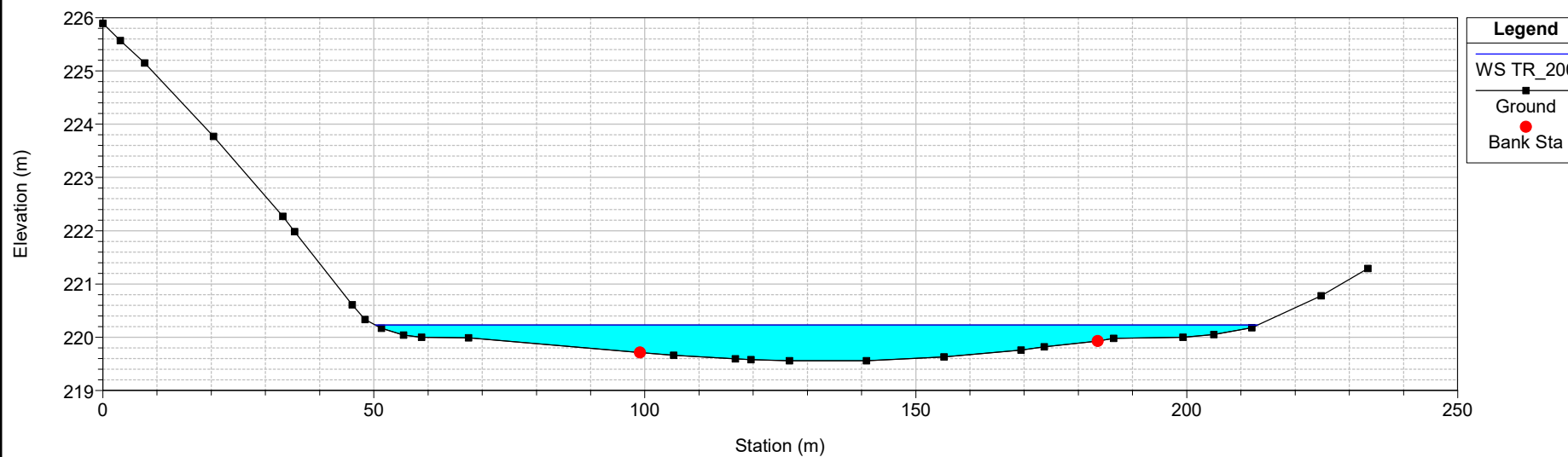
G191_SC_0016

SEZIONI

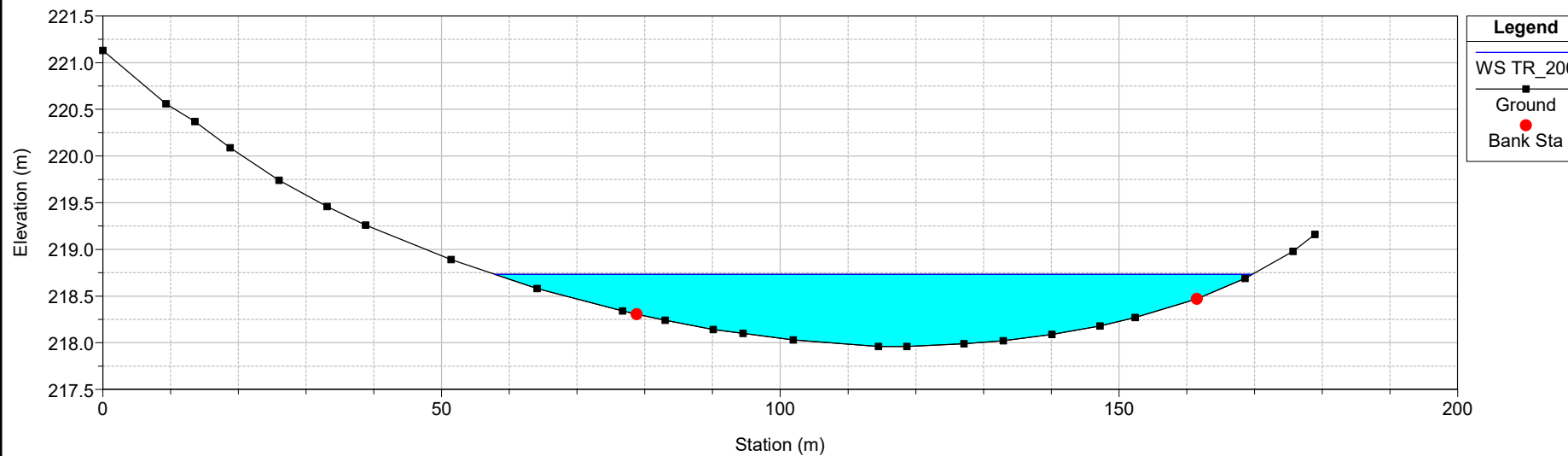
River = RBinzas 016 Reach = Reach 1 RS = 846



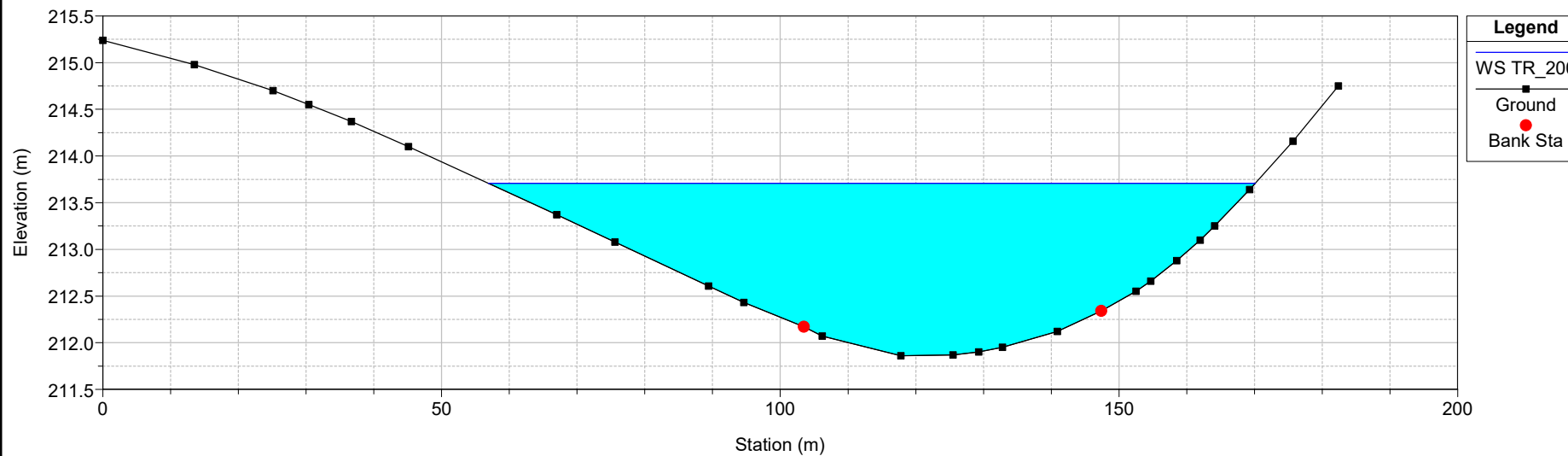
River = RBinzas 016 Reach = Reach 1 RS = 811



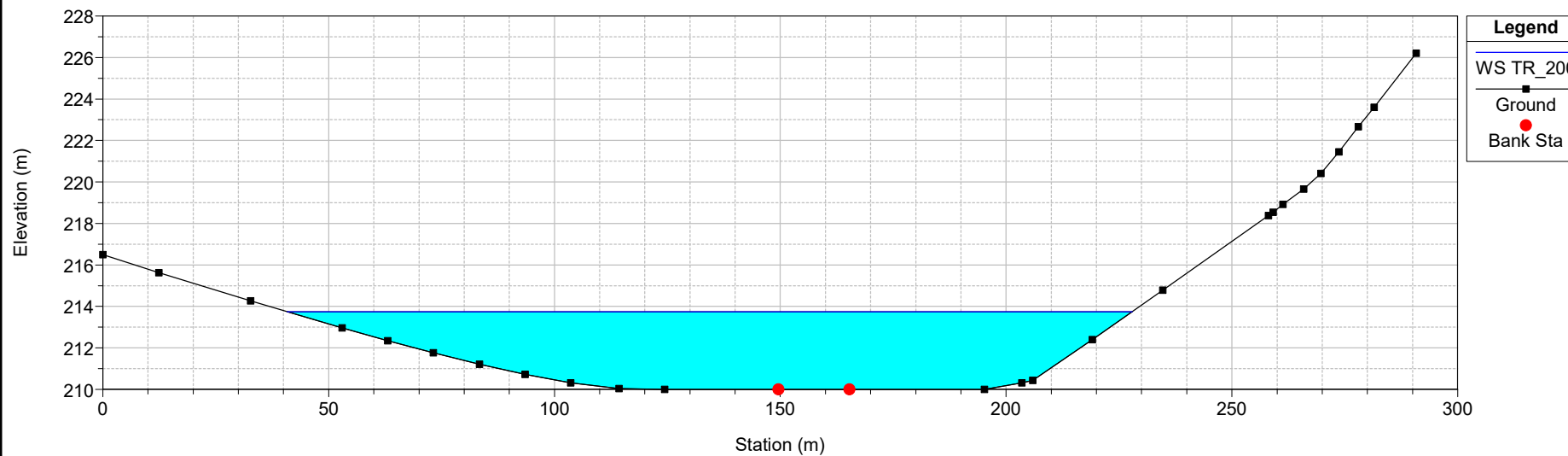
River = RBinzas 016 Reach = Reach 1 RS = 772



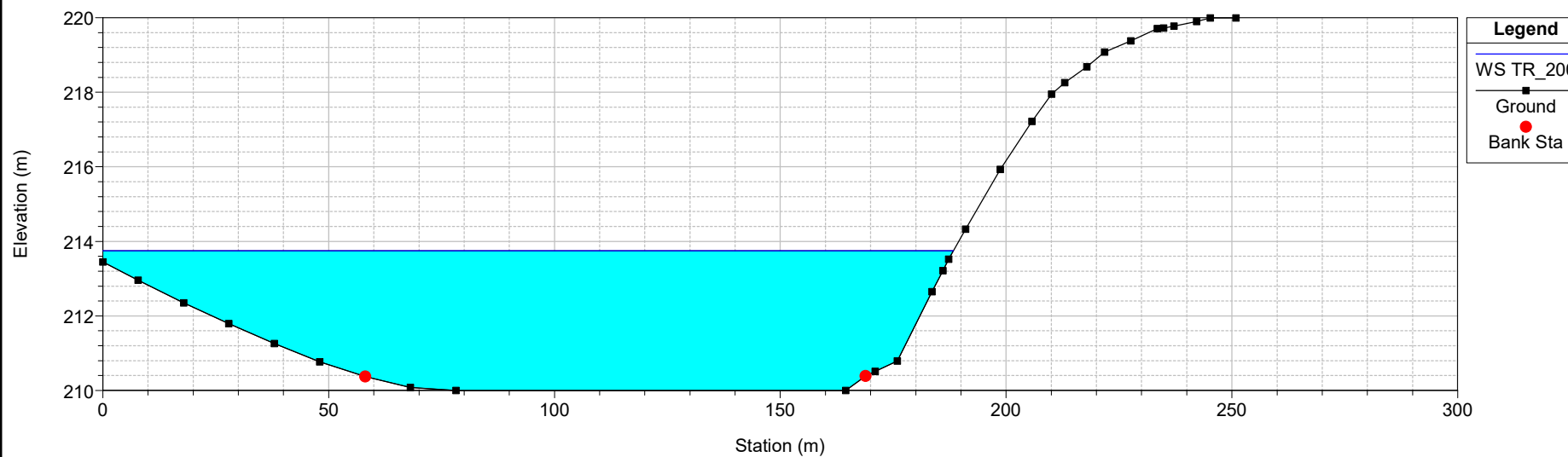
River = RBinzas 016 Reach = Reach 1 RS = 697



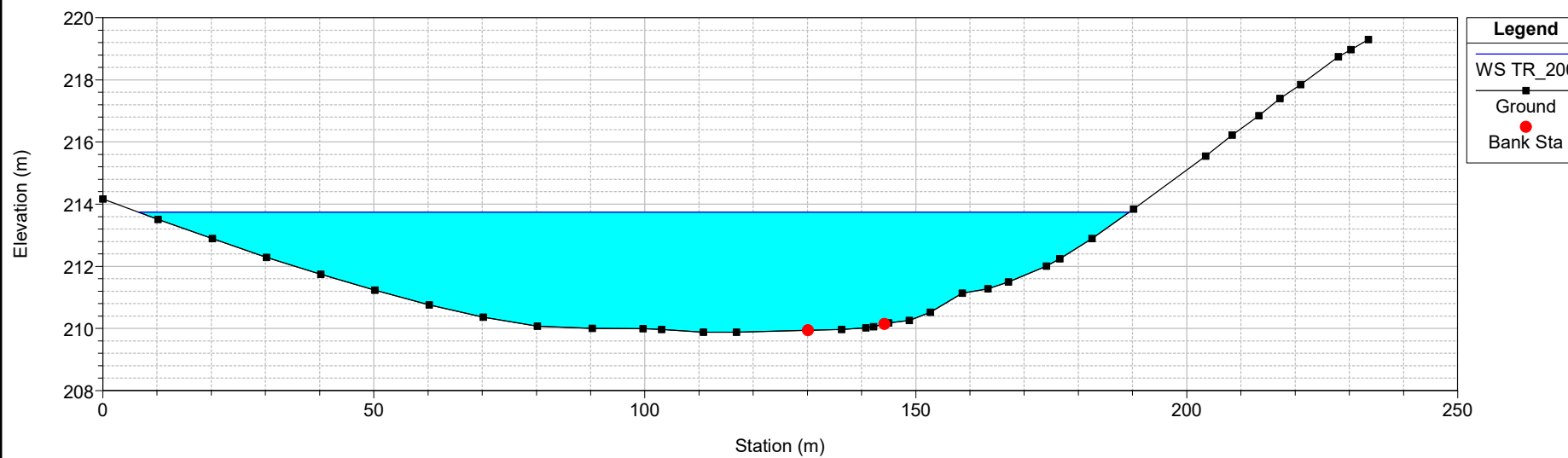
River = RBinzas 016 Reach = Reach 1 RS = 612



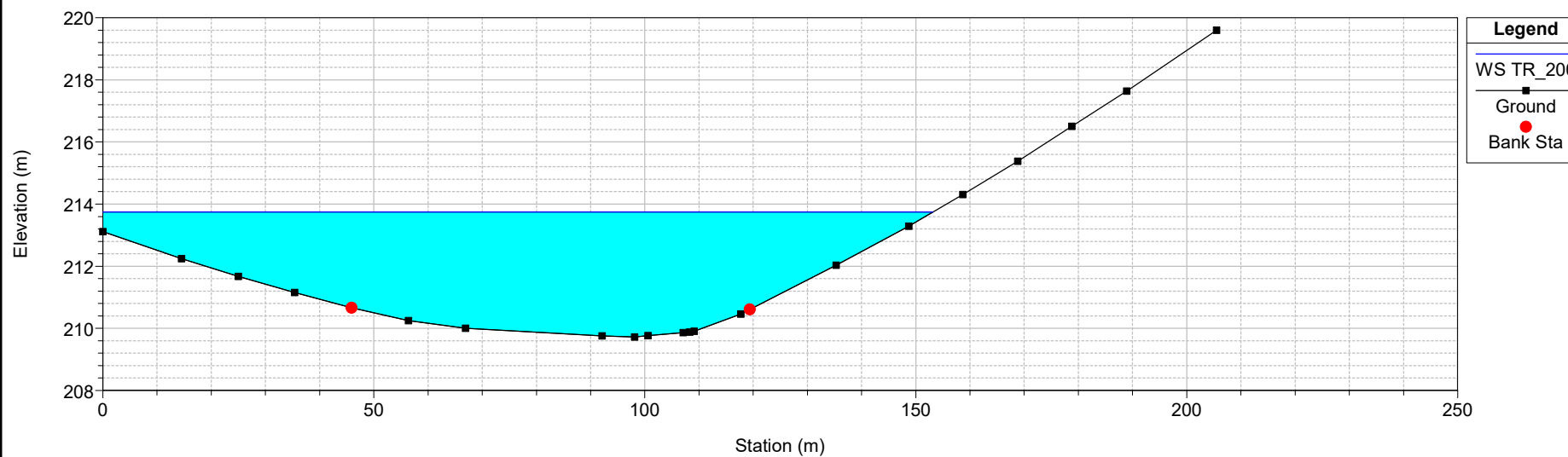
River = RBinzas 016 Reach = Reach 1 RS = 530



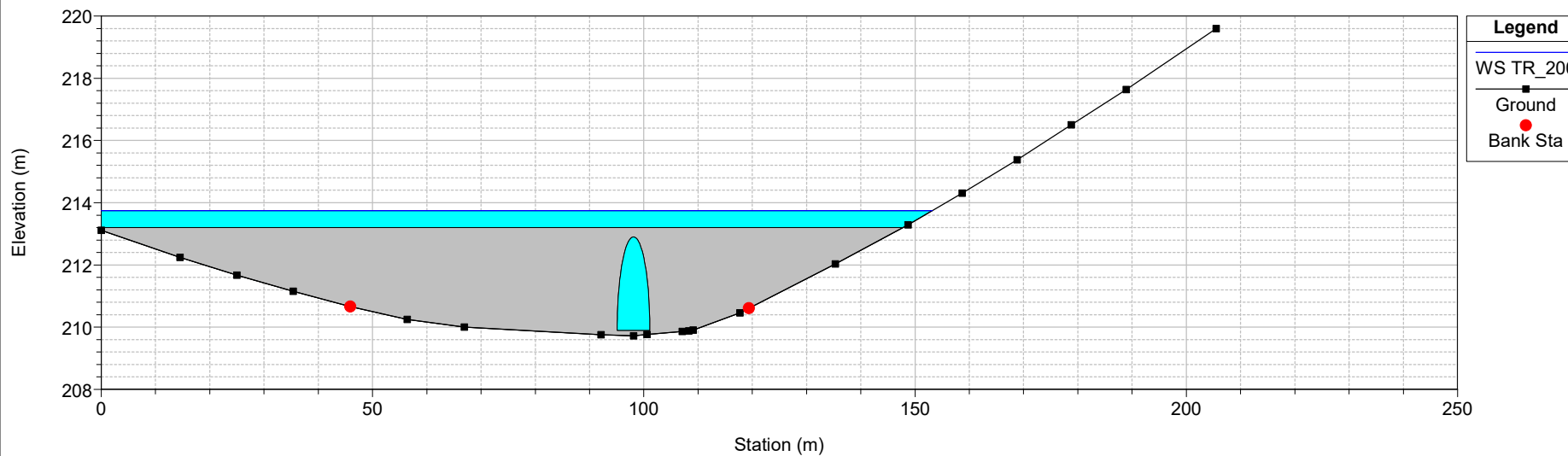
River = RBinzas 016 Reach = Reach 1 RS = 441



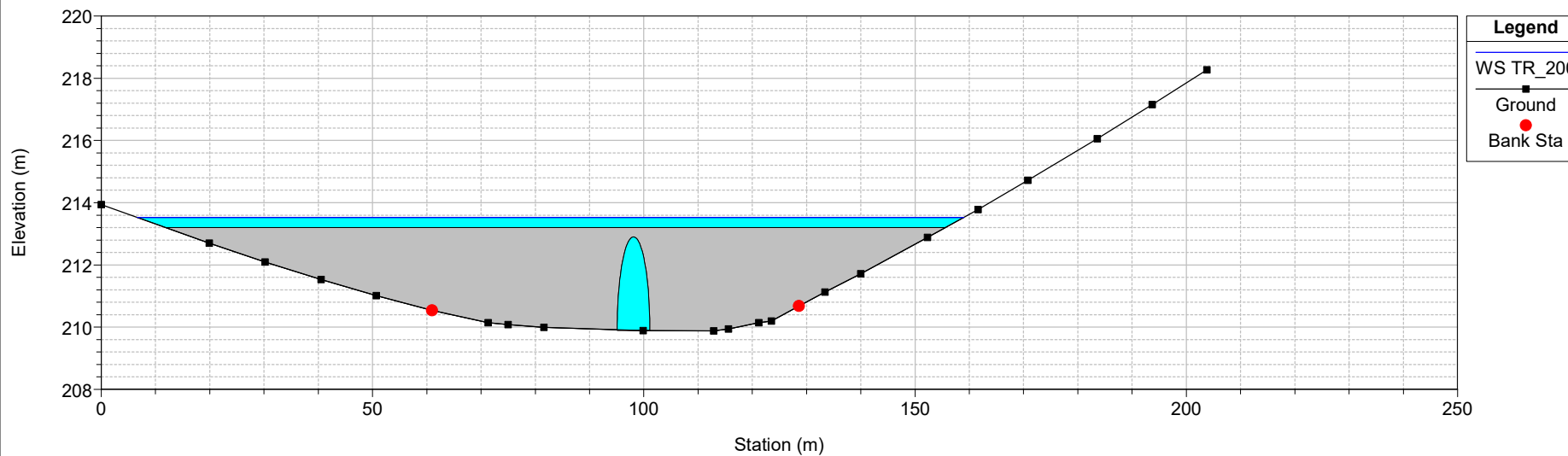
River = RBinzas 016 Reach = Reach 1 RS = 419



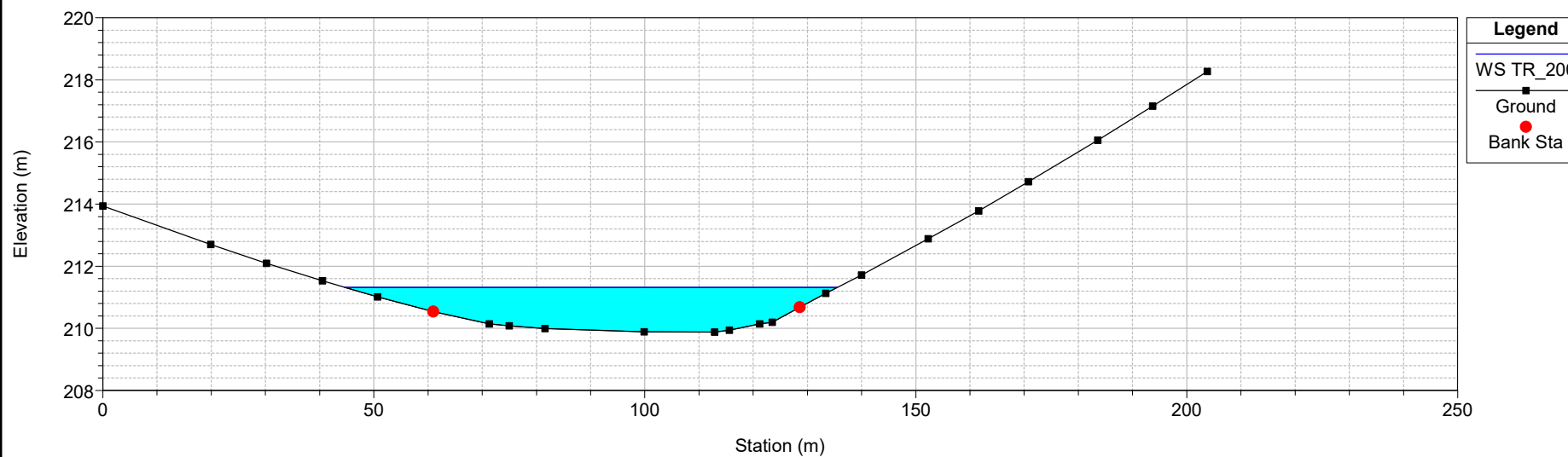
River = RBinzas 016 Reach = Reach 1 RS = 418 Culv



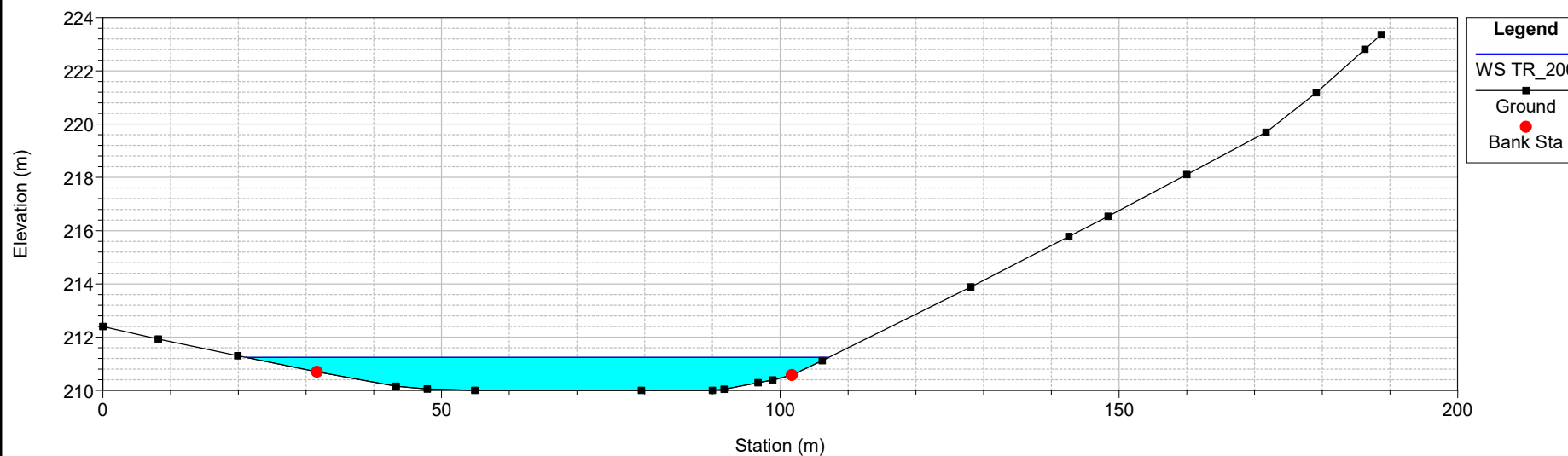
River = RBinzas 016 Reach = Reach 1 RS = 418 Culv



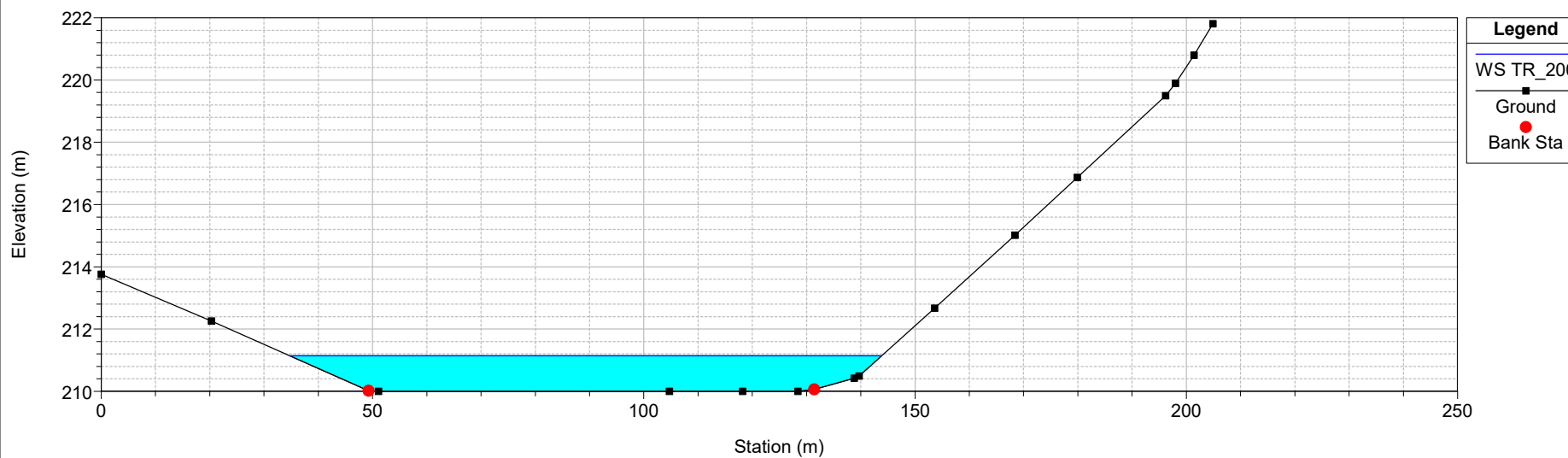
River = RBinzas 016 Reach = Reach 1 RS = 408



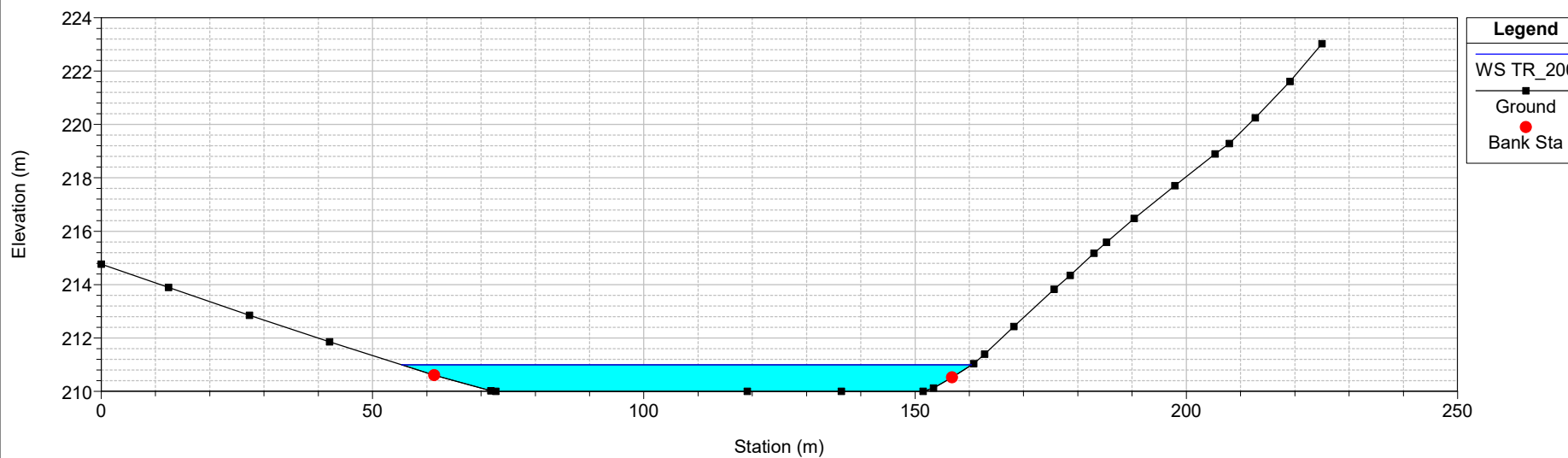
River = RBinzas 016 Reach = Reach 1 RS = 374



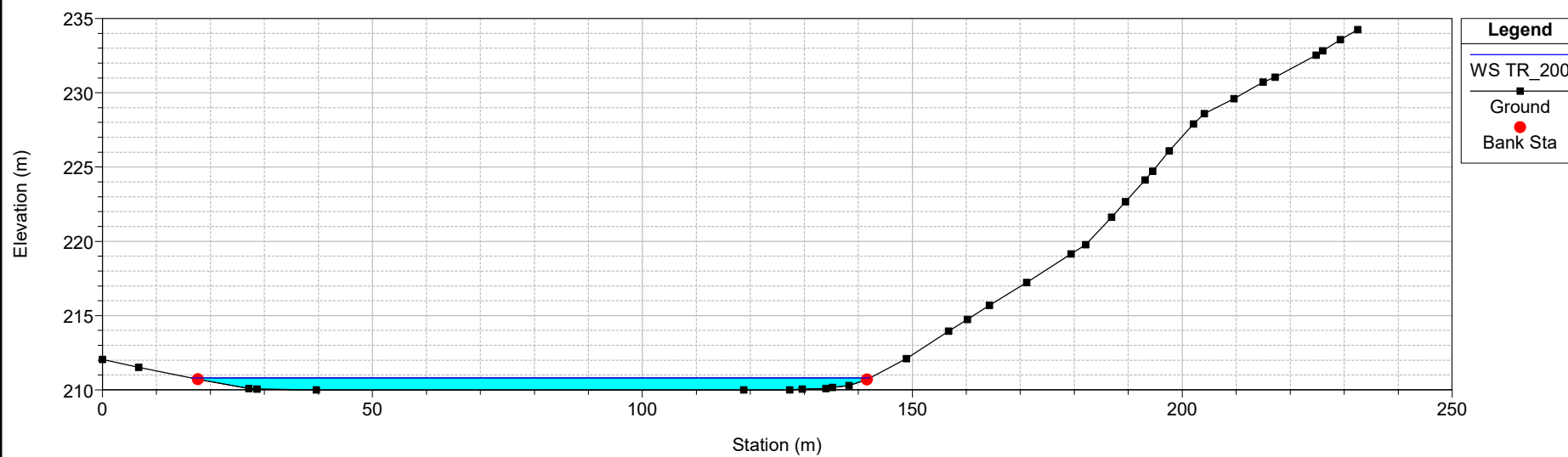
River = RBinzas 016 Reach = Reach 1 RS = 286



River = RBinzas 016 Reach = Reach 1 RS = 202



River = RBinzas 016 Reach = Reach 1 RS = 117



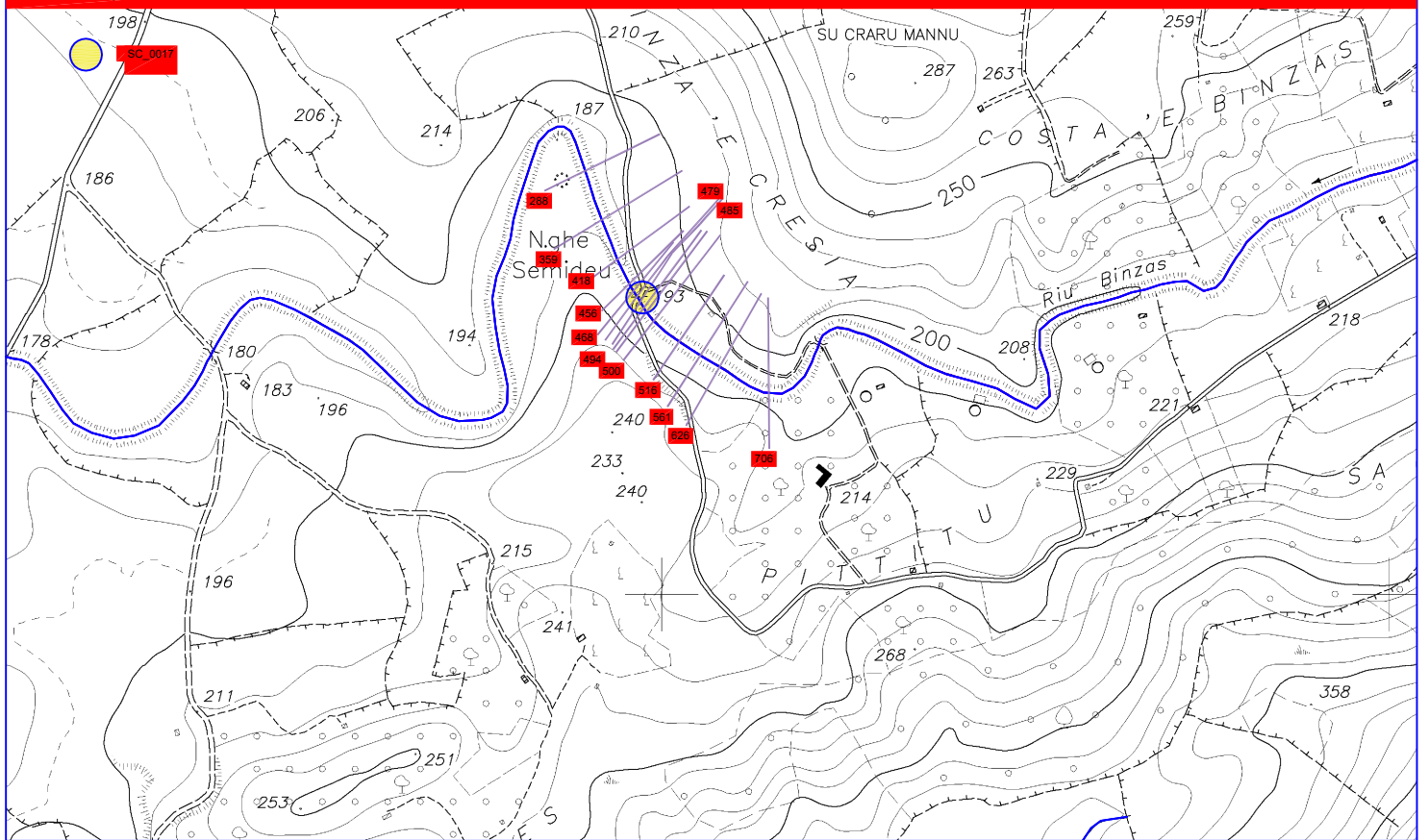
HEC-RAS Plan: sh016 River: RBinzas 016 Reach: Reach 1 Profile: TR_200

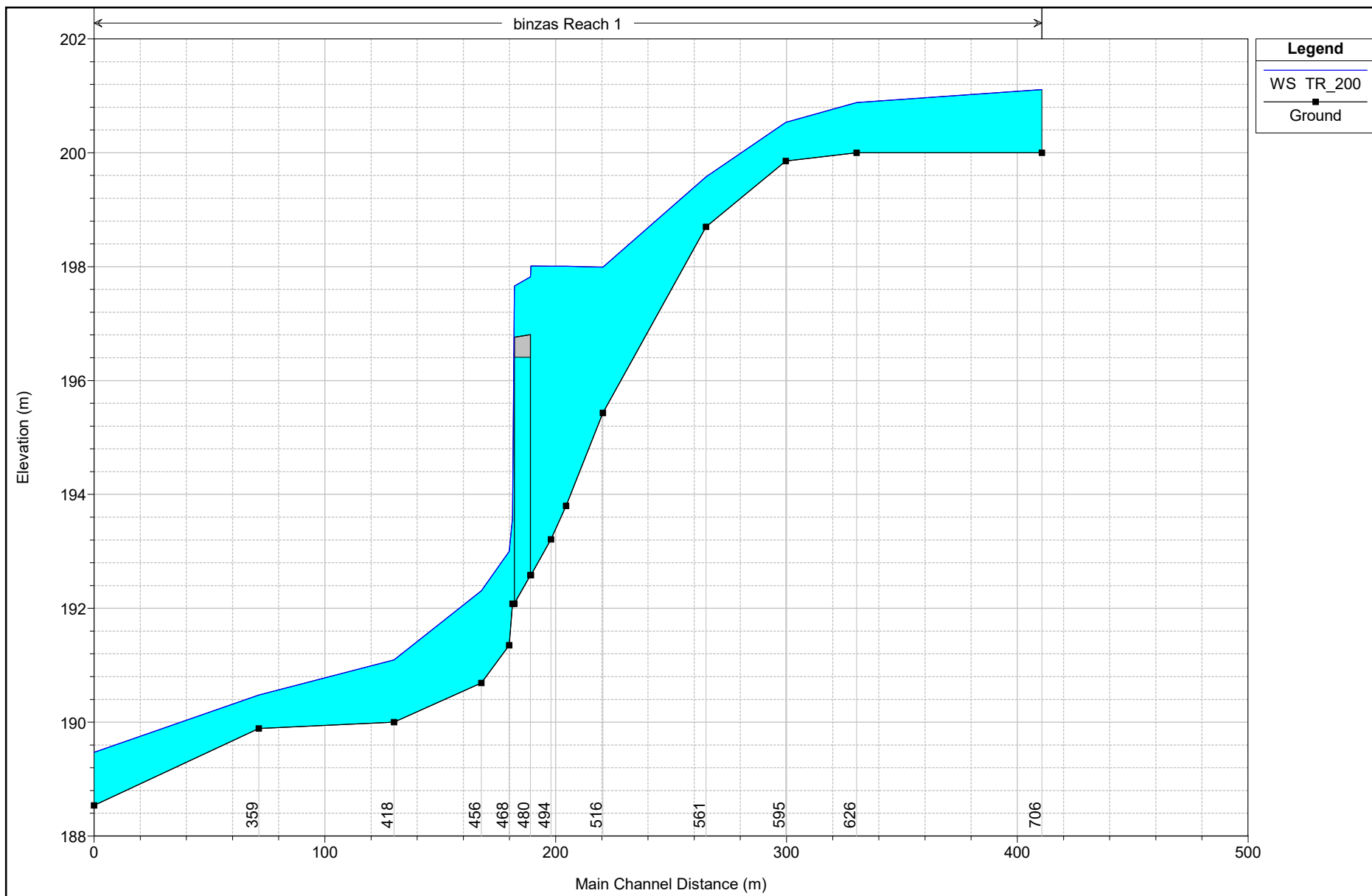
Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
			(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	
Reach 1	846	TR_200	128.27	220.00	220.57		220.68	0.004850	1.60	90.33	164.53	0.68
Reach 1	811	TR_200	128.27	219.56	220.23	220.23	220.45	0.009229	2.21	69.41	162.78	0.93
Reach 1	772	TR_200	128.27	217.96	218.73	218.73	219.01	0.009551	2.38	57.62	111.88	0.96
Reach 1	697	TR_200	128.27	211.86	213.71		213.78	0.000742	1.30	128.85	113.21	0.32
Reach 1	612	TR_200	128.27	210.00	213.75		213.75	0.000021	0.37	532.44	187.13	0.06
Reach 1	530	TR_200	128.27	210.00	213.75		213.75	0.000011	0.26	565.66	188.33	0.04
Reach 1	441	TR_200	128.27	209.94	213.74		213.75	0.000027	0.41	489.04	182.84	0.07
Reach 1	419	TR_200	128.27	209.72	213.74	210.70	213.75	0.000023	0.38	415.20	153.12	0.06
Reach 1	418		Culvert									
Reach 1	408	TR_200	128.27	209.88	211.32		211.43	0.001393	1.45	94.18	91.03	0.41
Reach 1	374	TR_200	128.27	210.00	211.24		211.37	0.002001	1.61	83.09	86.09	0.49
Reach 1	286	TR_200	128.27	210.00	211.14		211.22	0.001182	1.25	110.76	109.14	0.37
Reach 1	202	TR_200	128.27	210.00	210.99		211.09	0.001944	1.41	92.15	105.06	0.46
Reach 1	117	TR_200	128.27	210.00	210.81	210.52	210.91	0.002500	1.38	93.20	125.70	0.51

ATTRAVERSAMENTO:

- SC 0017

RIU BINZAS
SC_0017
COROGRAFIA UBICAZIONE SEZIONI IDRAULICHE

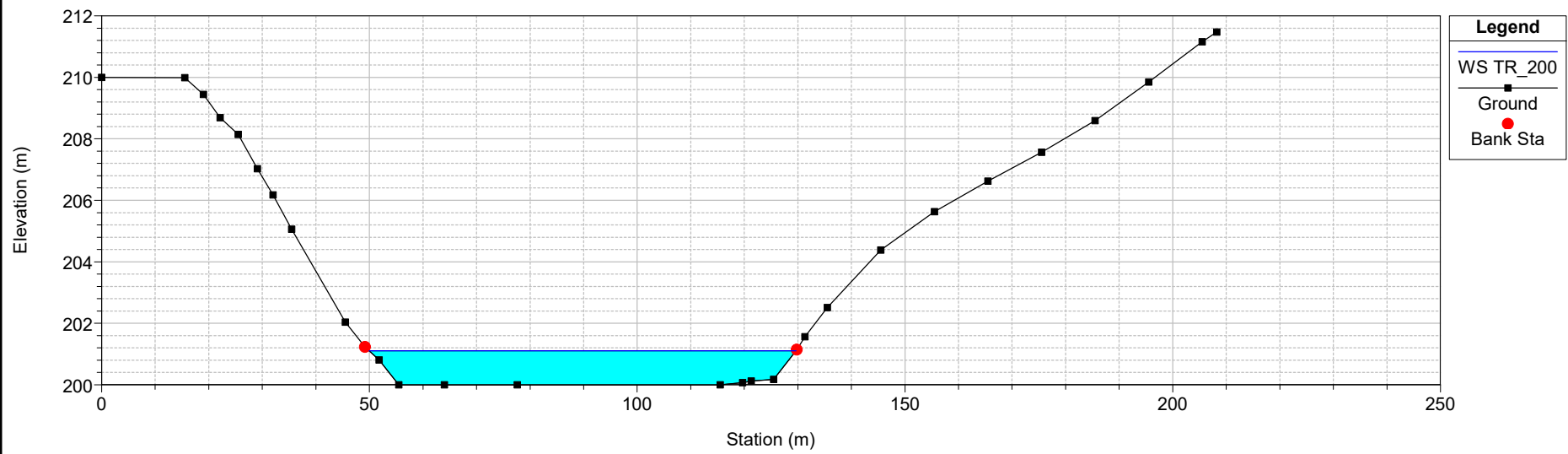




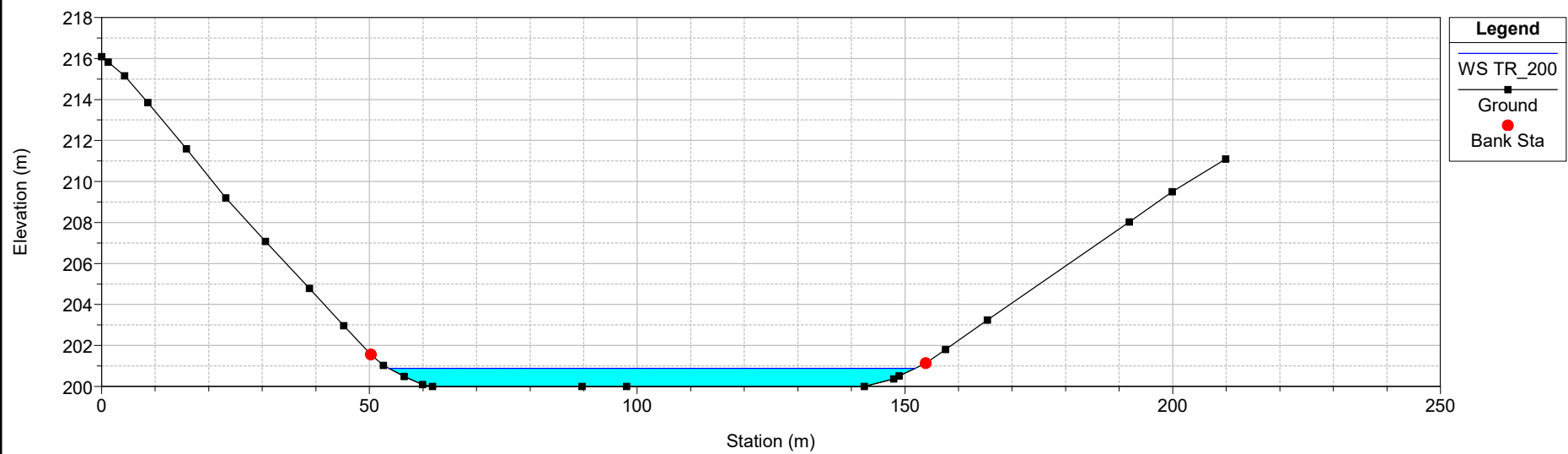
G191_SC_0017

SEZIONI

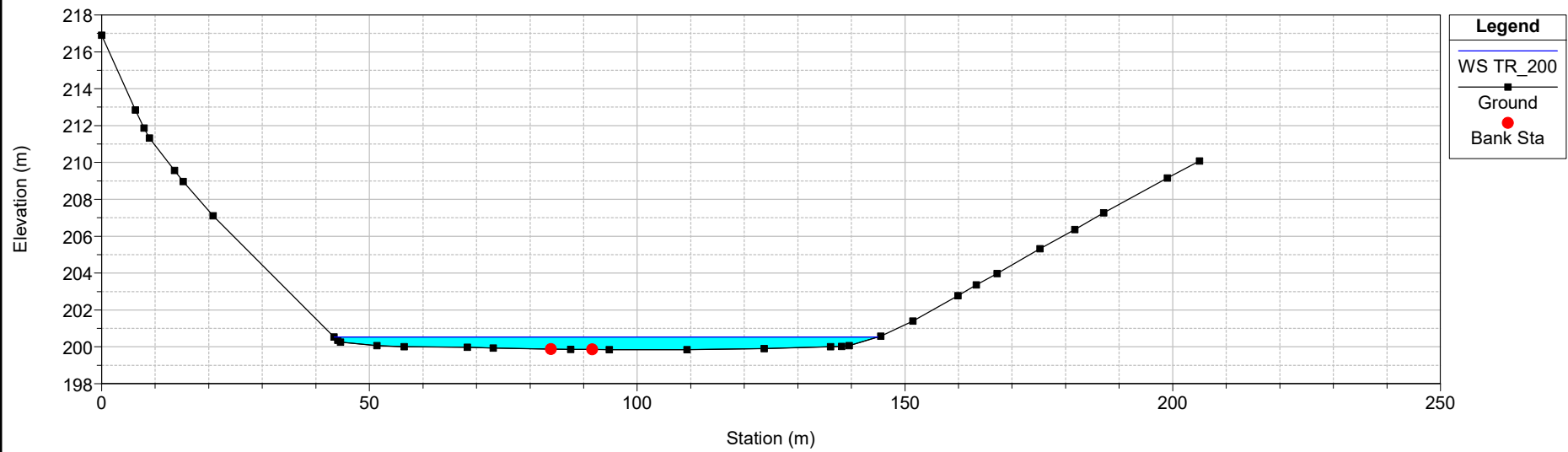
River = binzas Reach = Reach 1 RS = 706



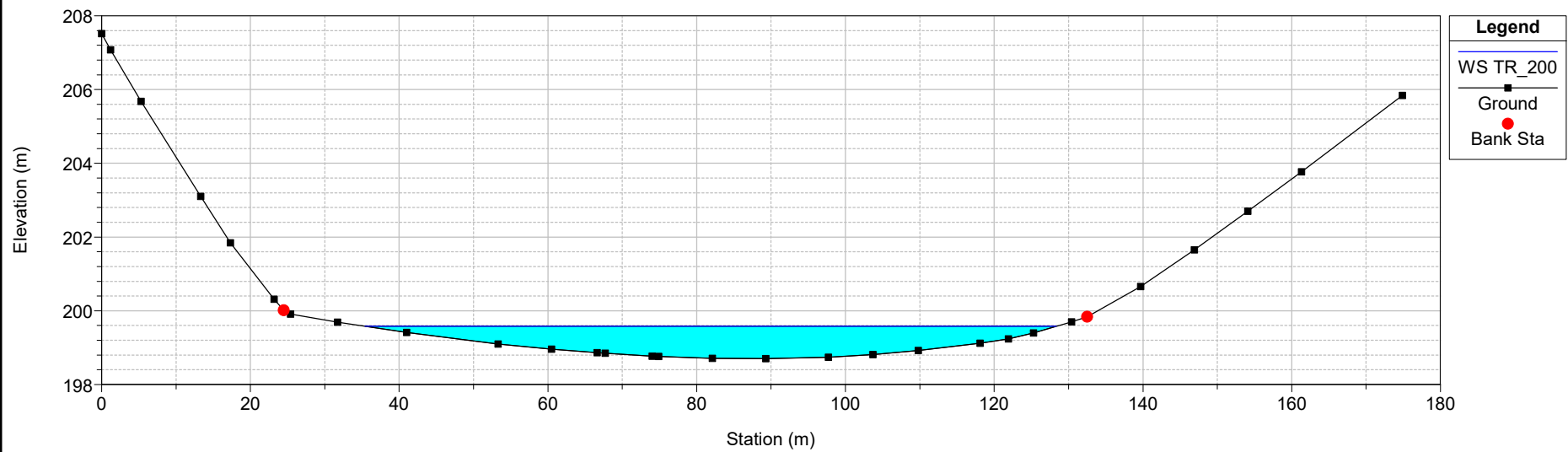
River = binzas Reach = Reach 1 RS = 626



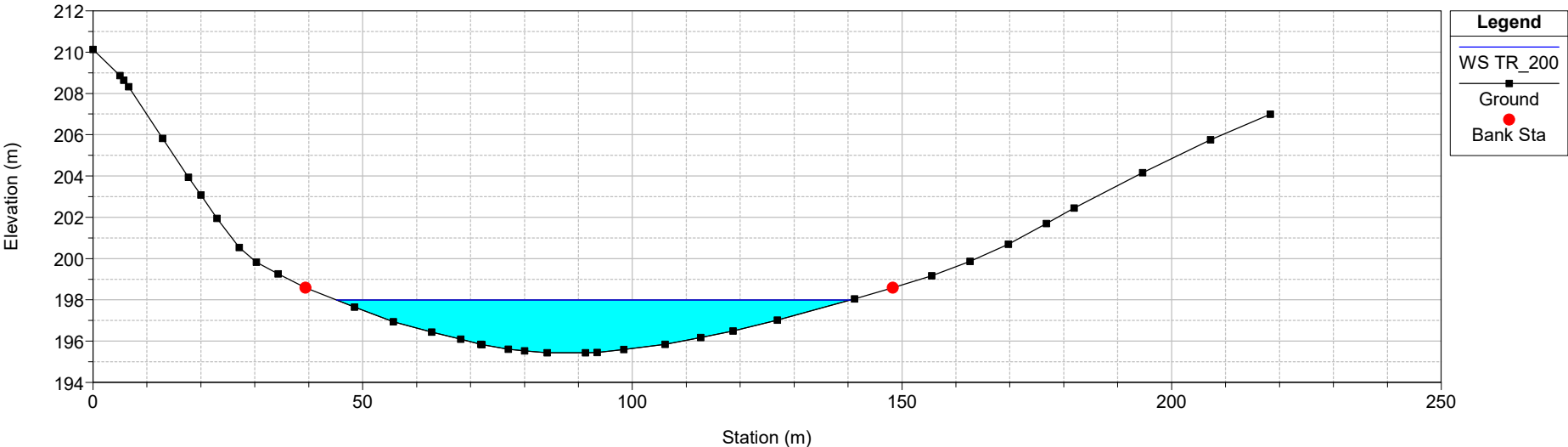
River = binzas Reach = Reach 1 RS = 595



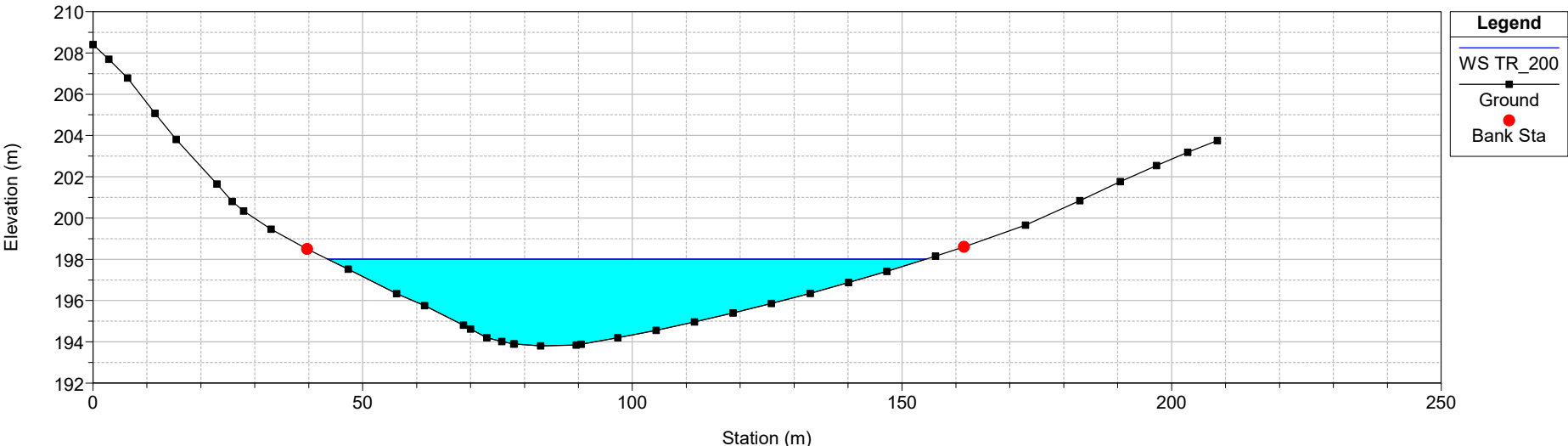
River = binzas Reach = Reach 1 RS = 561



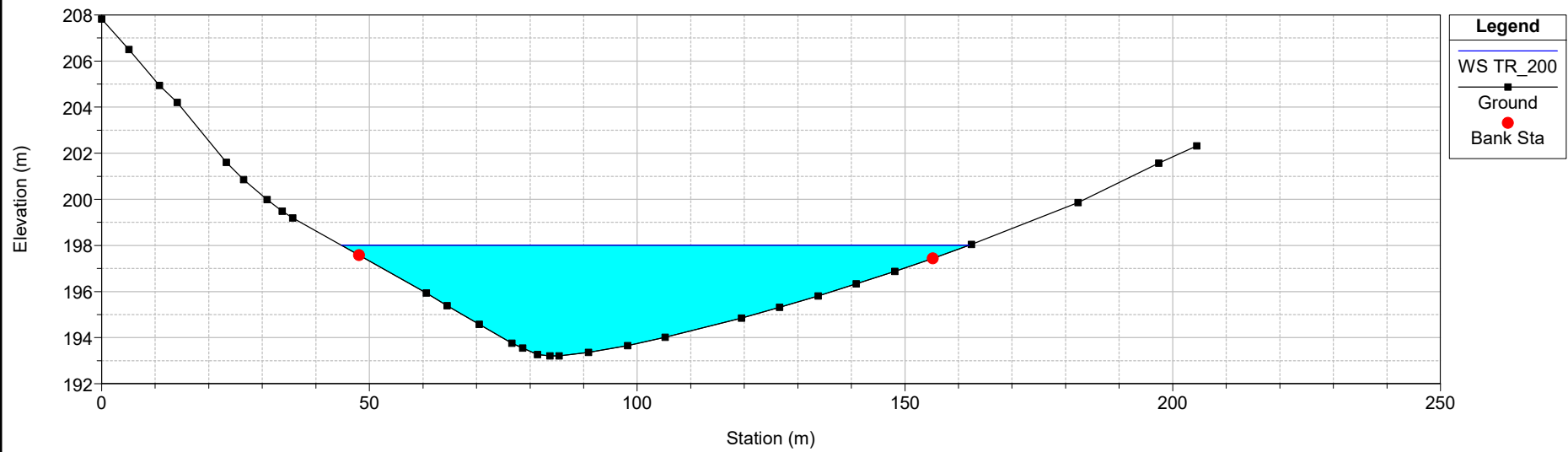
River = binzas Reach = Reach 1 RS = 516



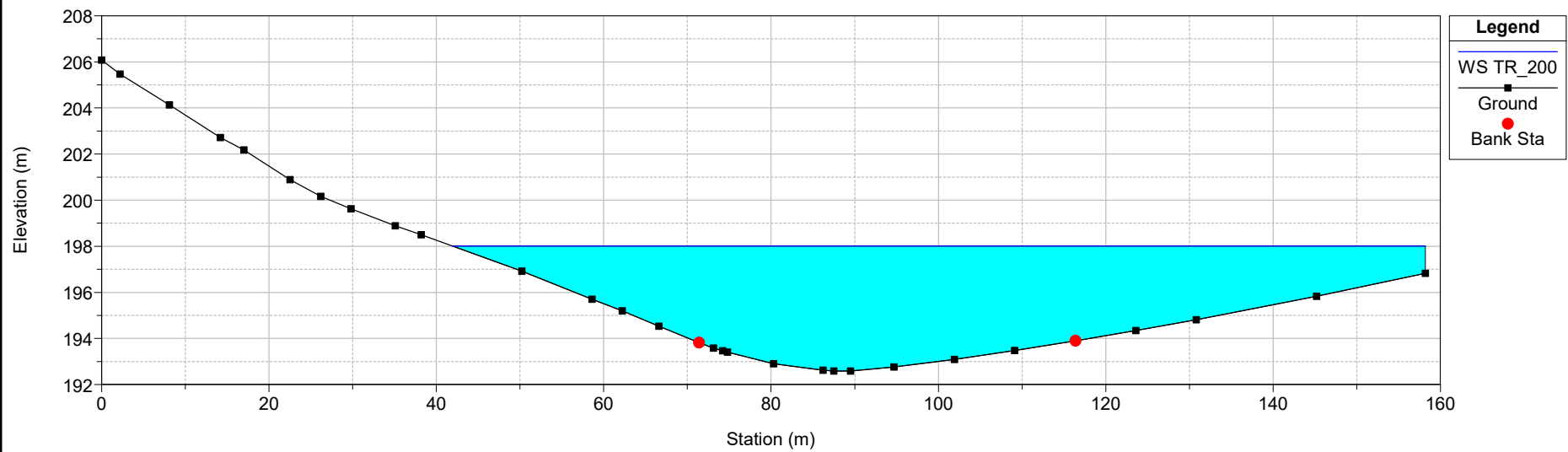
River = binzas Reach = Reach 1 RS = 500



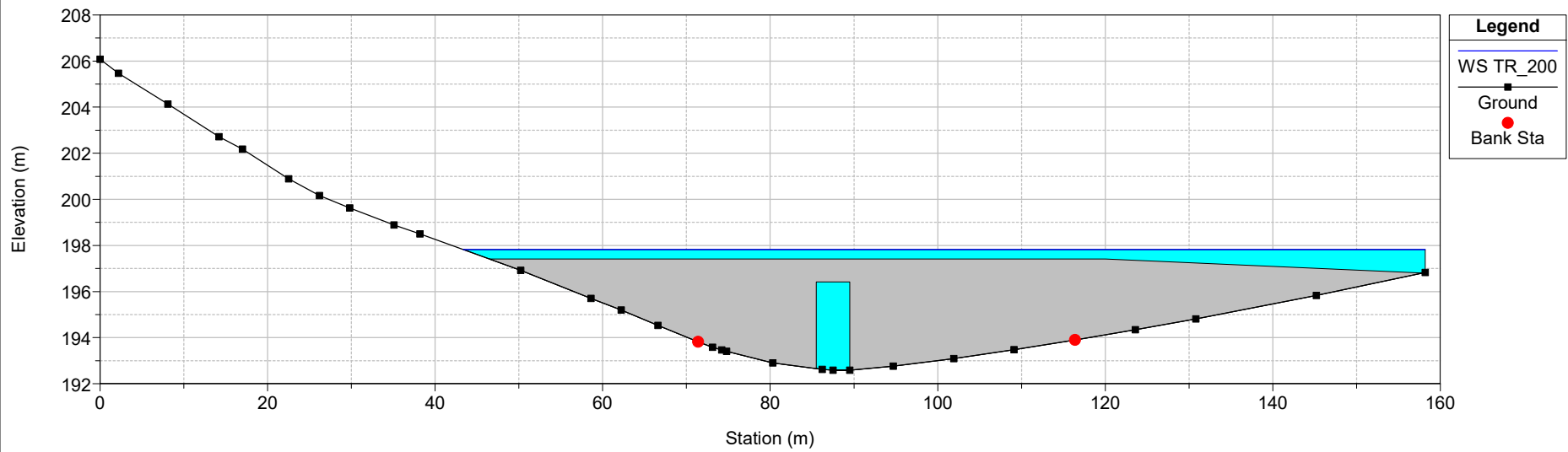
River = binzas Reach = Reach 1 RS = 494



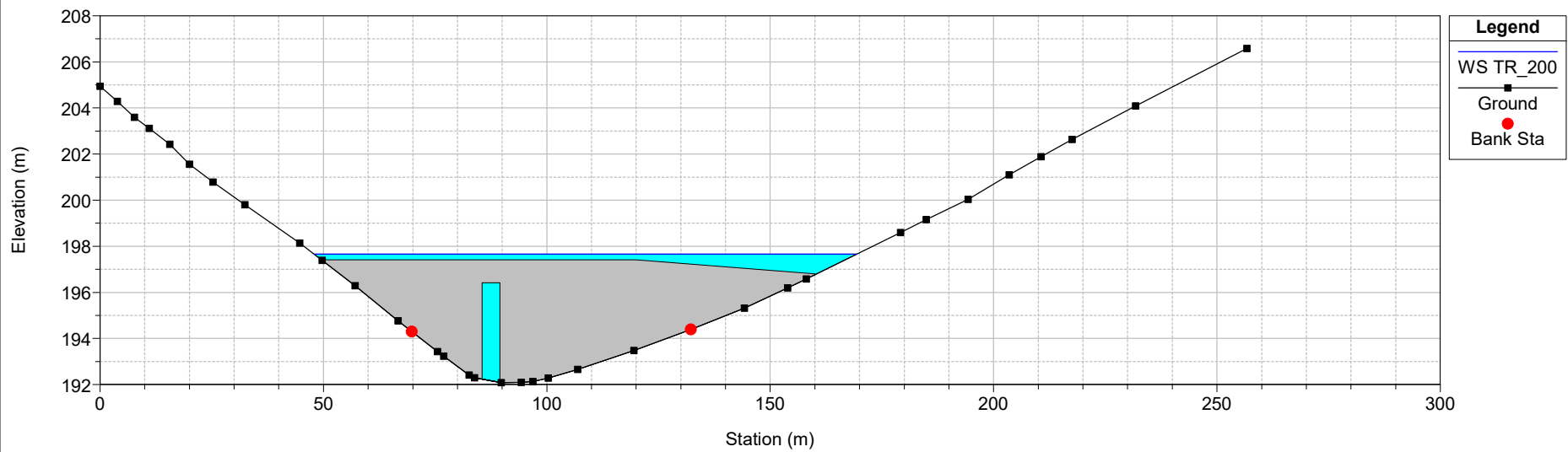
River = binzas Reach = Reach 1 RS = 485



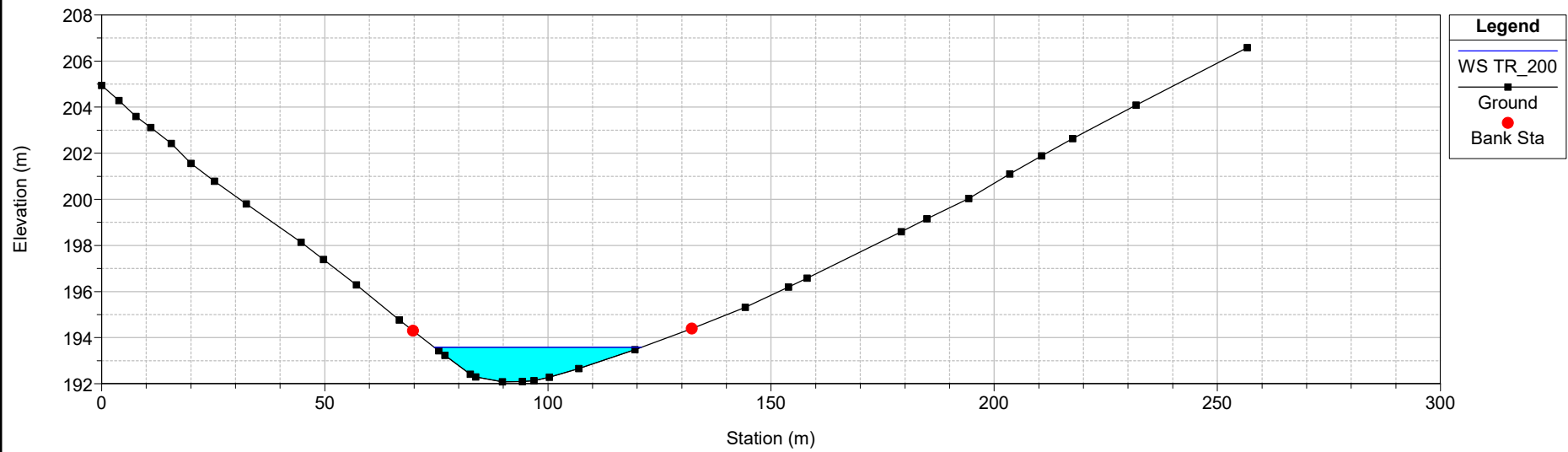
River = binzas Reach = Reach 1 RS = 480 BR



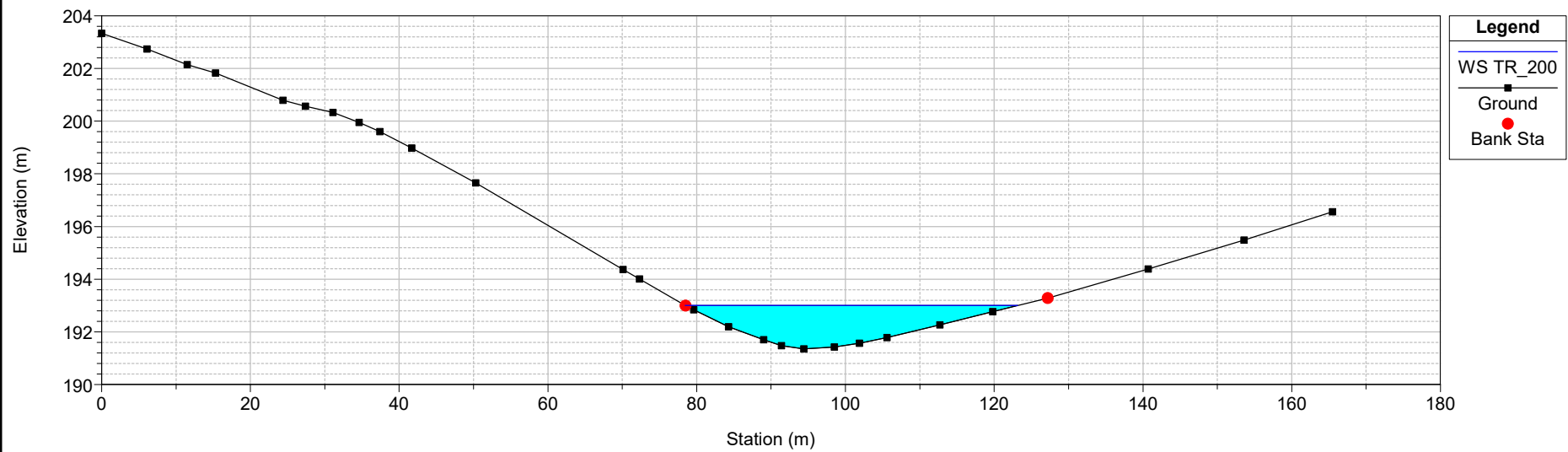
River = binzas Reach = Reach 1 RS = 480 BR



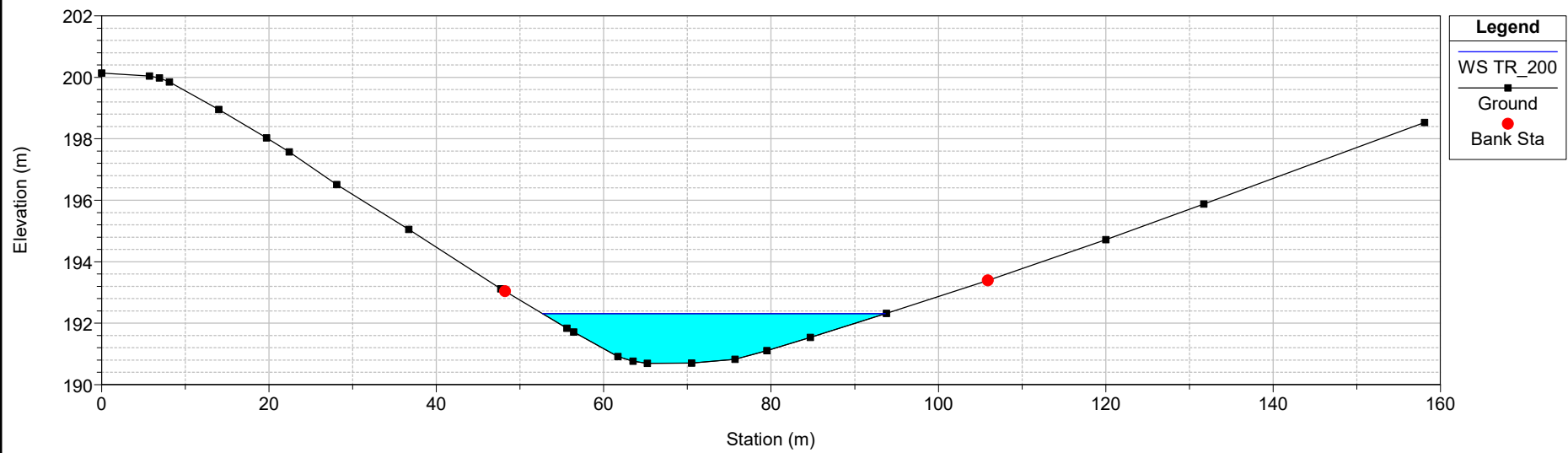
River = binzas Reach = Reach 1 RS = 476



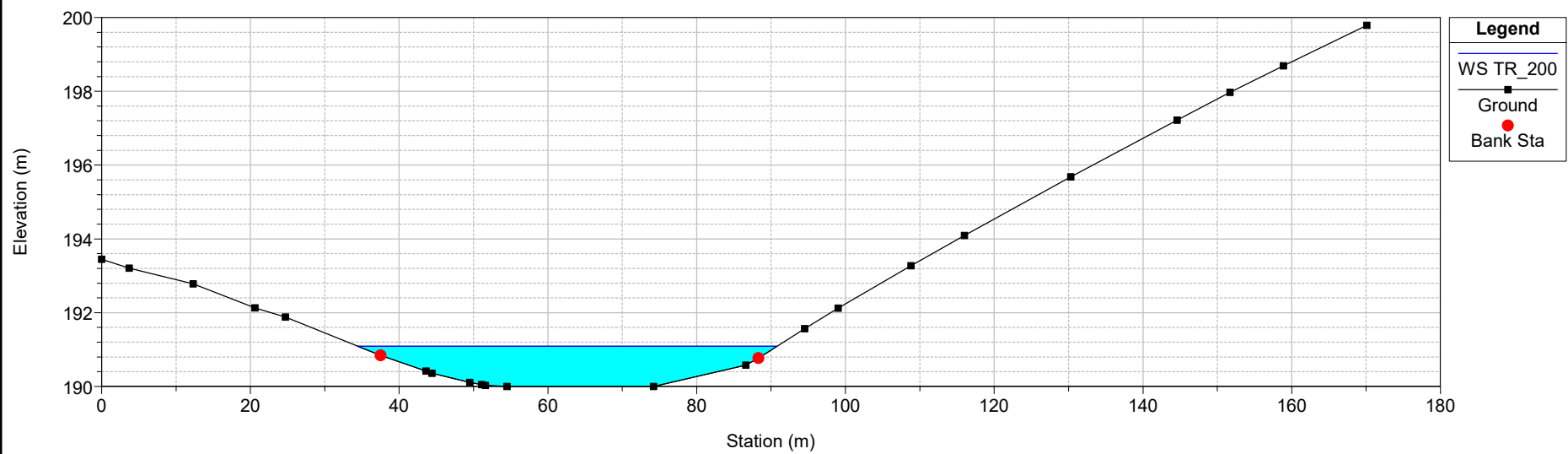
River = binzas Reach = Reach 1 RS = 468



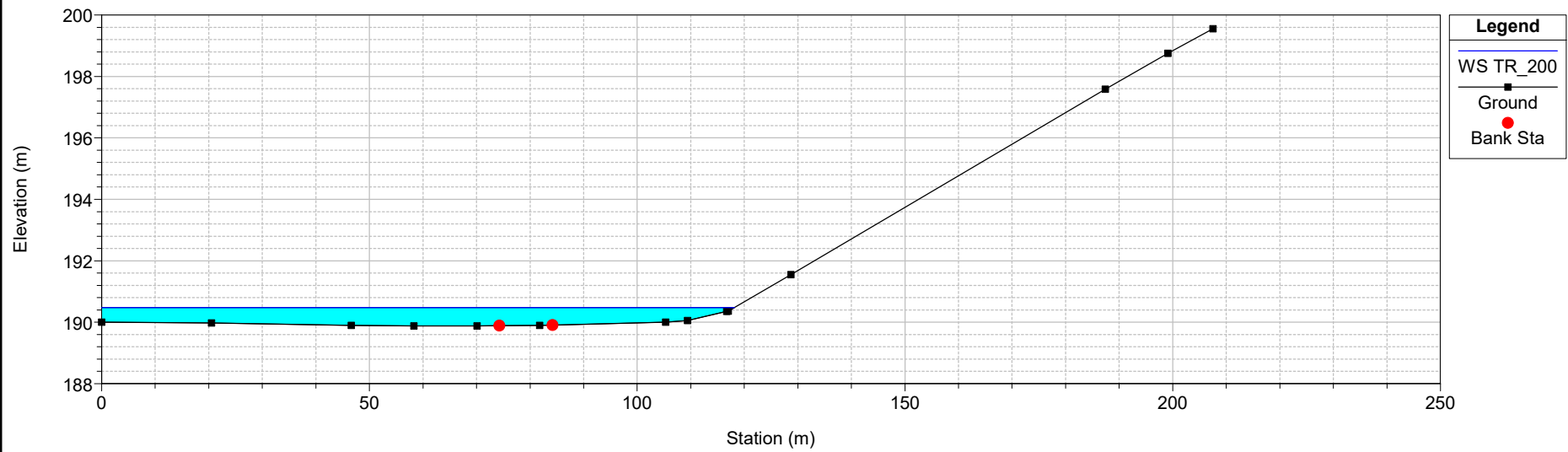
River = binzas Reach = Reach 1 RS = 456



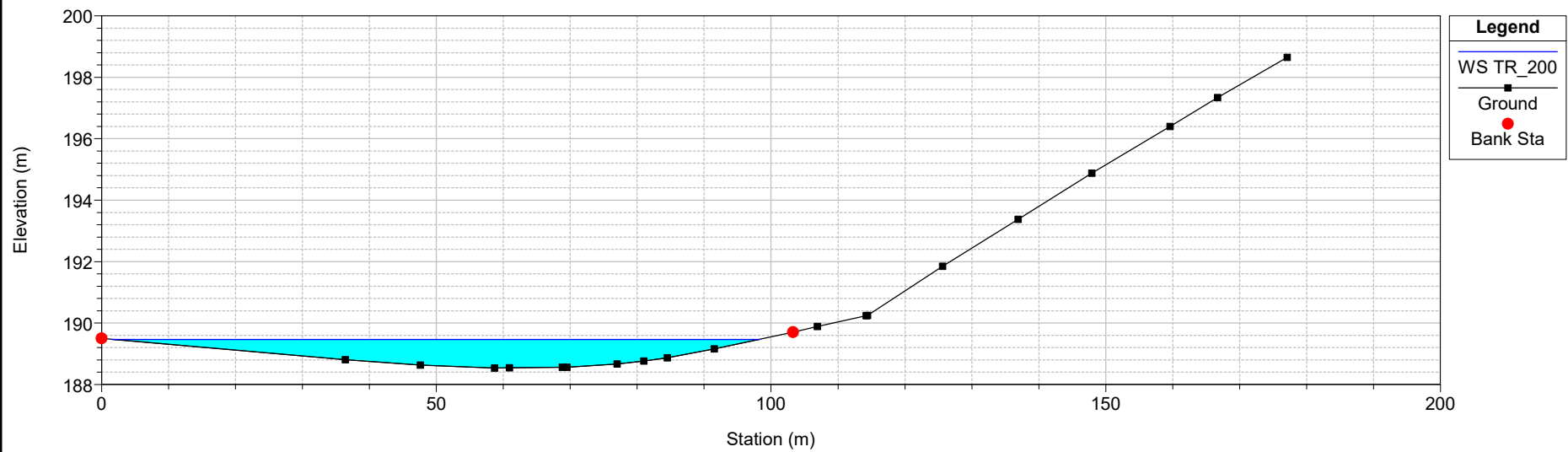
River = binzas Reach = Reach 1 RS = 418



River = binzas Reach = Reach 1 RS = 359



River = binzas Reach = Reach 1 RS = 288



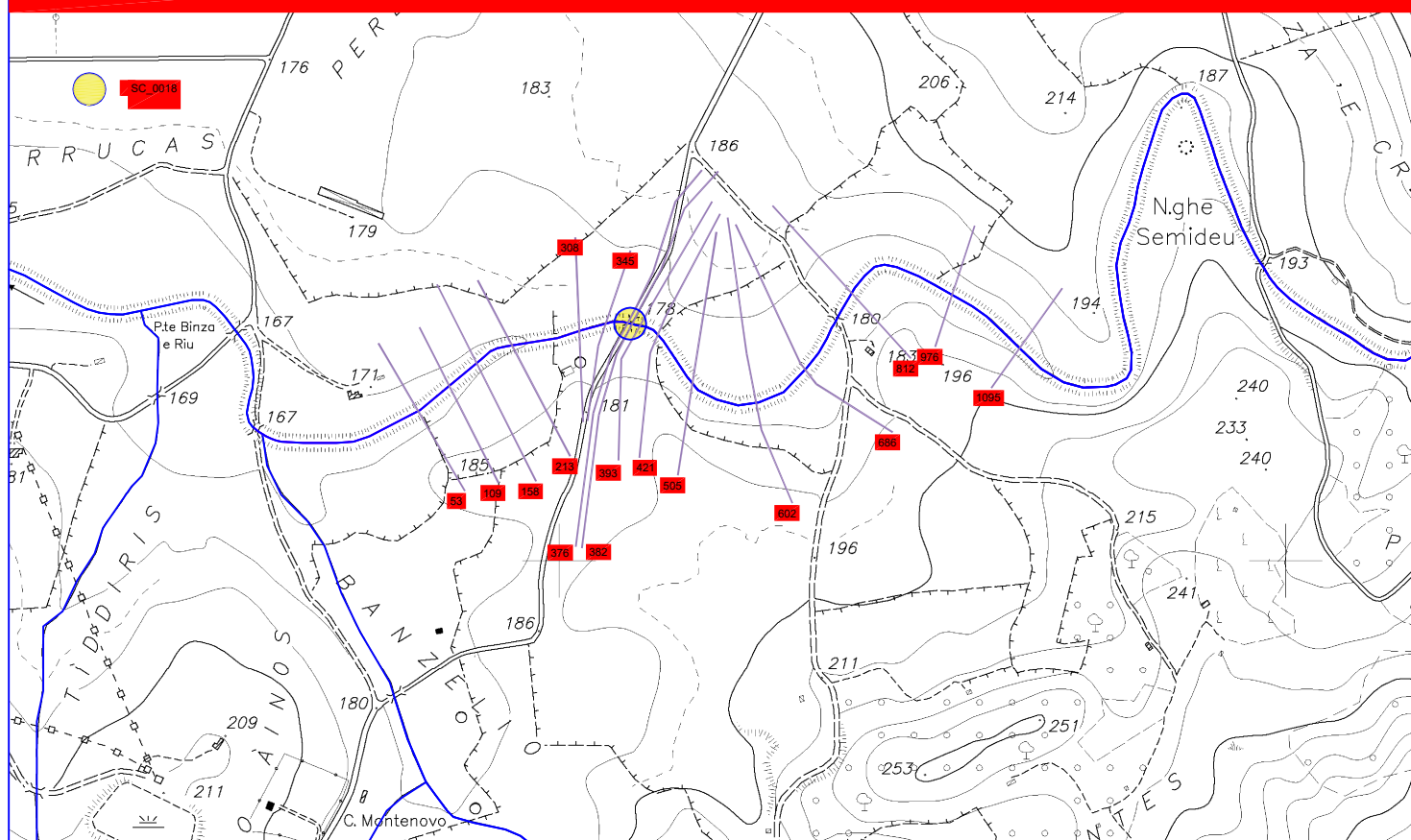
HEC-RAS Plan: RIO17 River: binzas Reach: Reach 1 Profile: TR_200

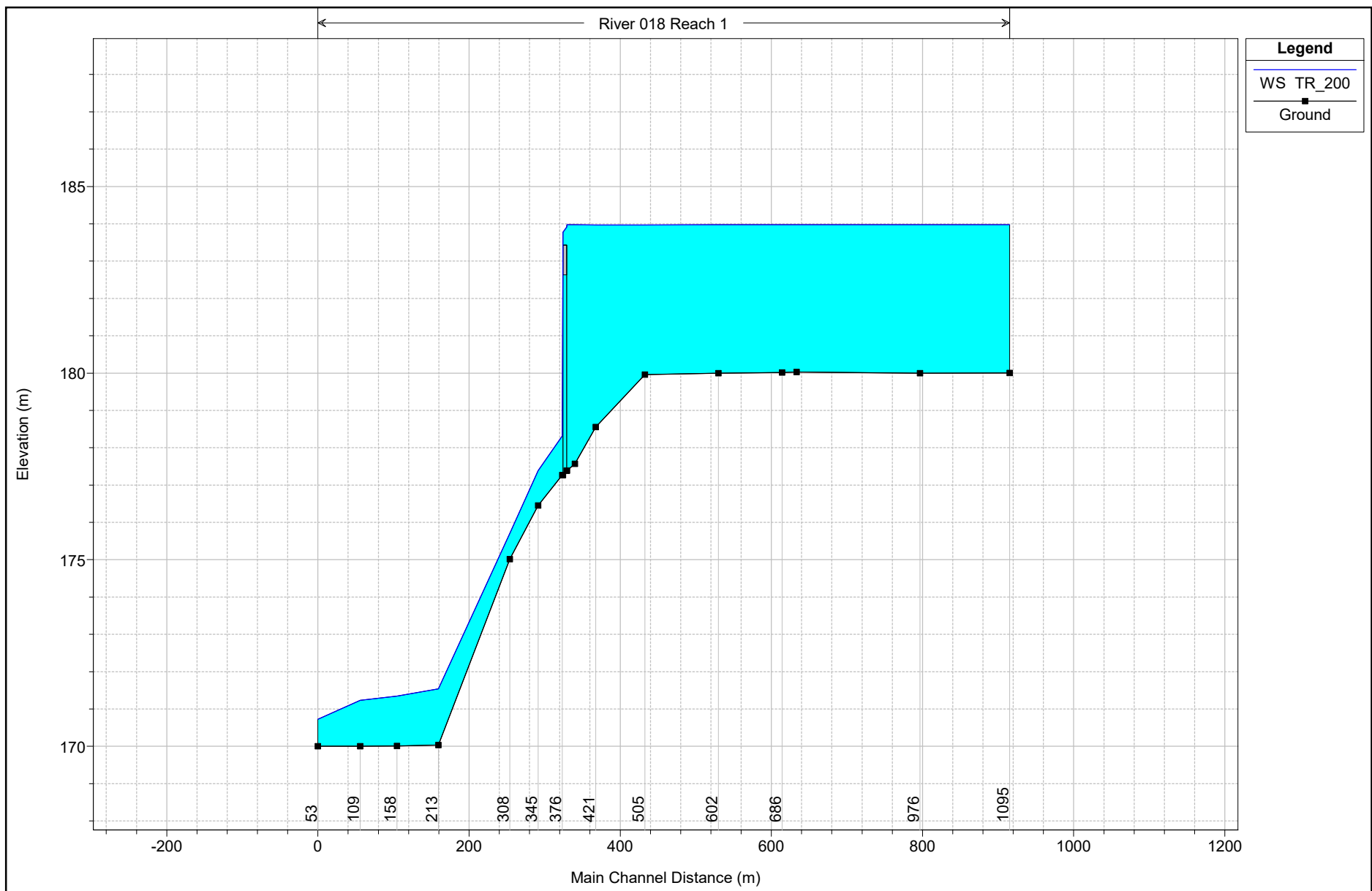
Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
			(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	
Reach 1	706	TR_200	133.15	200.00	201.11		201.24	0.002345	1.63	81.45	79.70	0.52
Reach 1	626	TR_200	133.15	200.00	200.88		201.02	0.003260	1.66	80.16	98.22	0.59
Reach 1	595	TR_200	133.15	199.85	200.53	200.53	200.82	0.016452	3.27	58.15	101.53	1.28
Reach 1	561	TR_200	133.15	198.70	199.58	199.58	199.88	0.010728	2.43	54.83	92.91	1.01
Reach 1	516	TR_200	133.15	195.43	197.99		198.03	0.000355	0.86	154.01	95.21	0.22
Reach 1	500	TR_200	133.15	193.80	198.01		198.02	0.000065	0.49	272.36	110.95	0.10
Reach 1	494	TR_200	133.15	193.21	198.01		198.02	0.000038	0.42	317.34	117.23	0.08
Reach 1	485	TR_200	133.15	192.58	198.01	194.07	198.02	0.000021	0.44	394.02	116.27	0.06
Reach 1	480		Bridge									
Reach 1	476	TR_200	133.15	192.08	193.58	193.58	194.05	0.009076	3.05	43.72	46.42	1.00
Reach 1	468	TR_200	133.15	191.35	193.00	193.00	193.49	0.009156	3.10	42.94	44.71	1.01
Reach 1	456	TR_200	133.15	190.69	192.31	192.31	192.82	0.008835	3.17	41.94	40.95	1.00
Reach 1	418	TR_200	133.15	190.00	191.09	191.09	191.53	0.009001	2.93	46.10	56.44	0.99
Reach 1	359	TR_200	133.15	189.89	190.48	190.48	190.73	0.017070	3.03	61.08	118.15	1.27
Reach 1	288	TR_200	133.15	188.54	189.47	189.47	189.76	0.010742	2.39	55.70	96.77	1.01

ATTRAVERSAMENTO:

- SC 0018

RIU BINZAS
SC_0018
COROGRAFIA UBICAZIONE SEZIONI IDRAULICHE

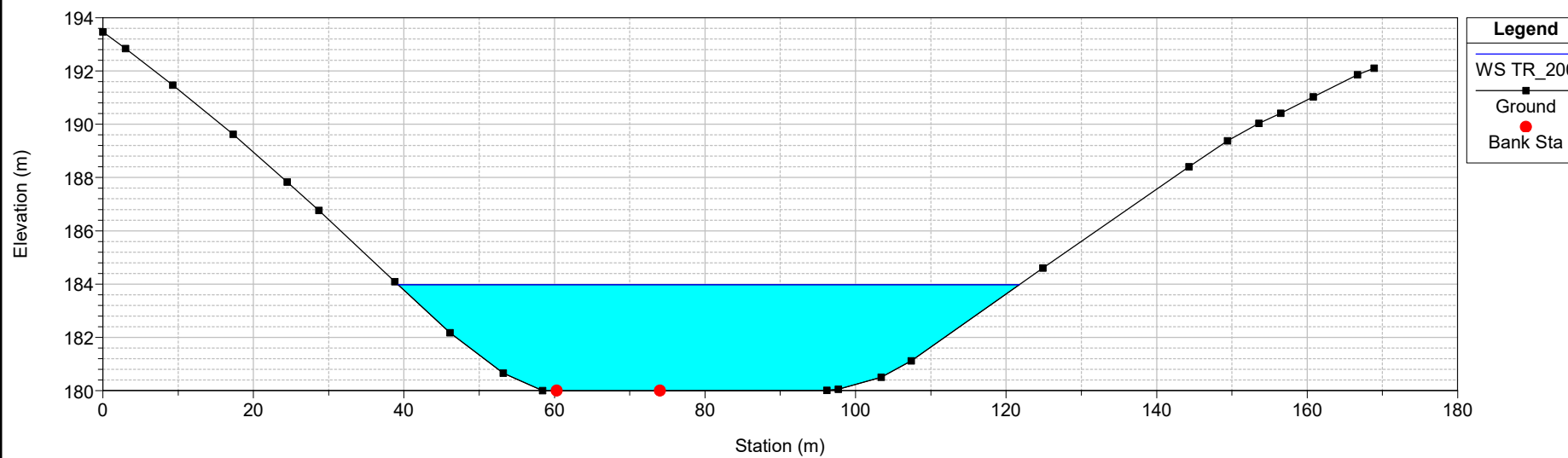




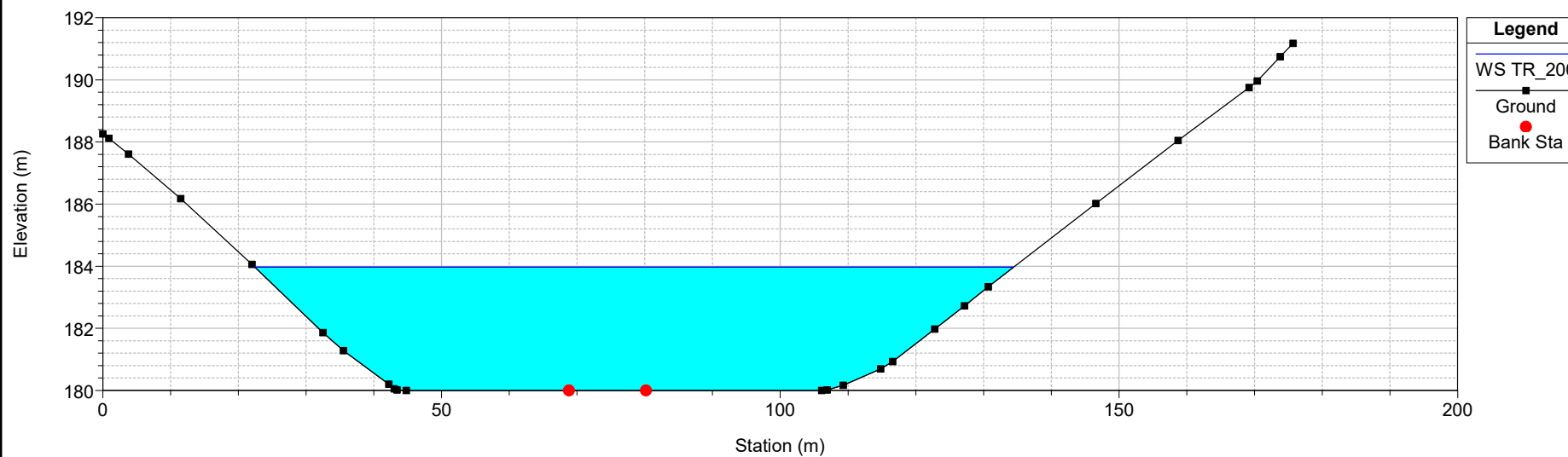
G191_SC_0018

SEZIONI

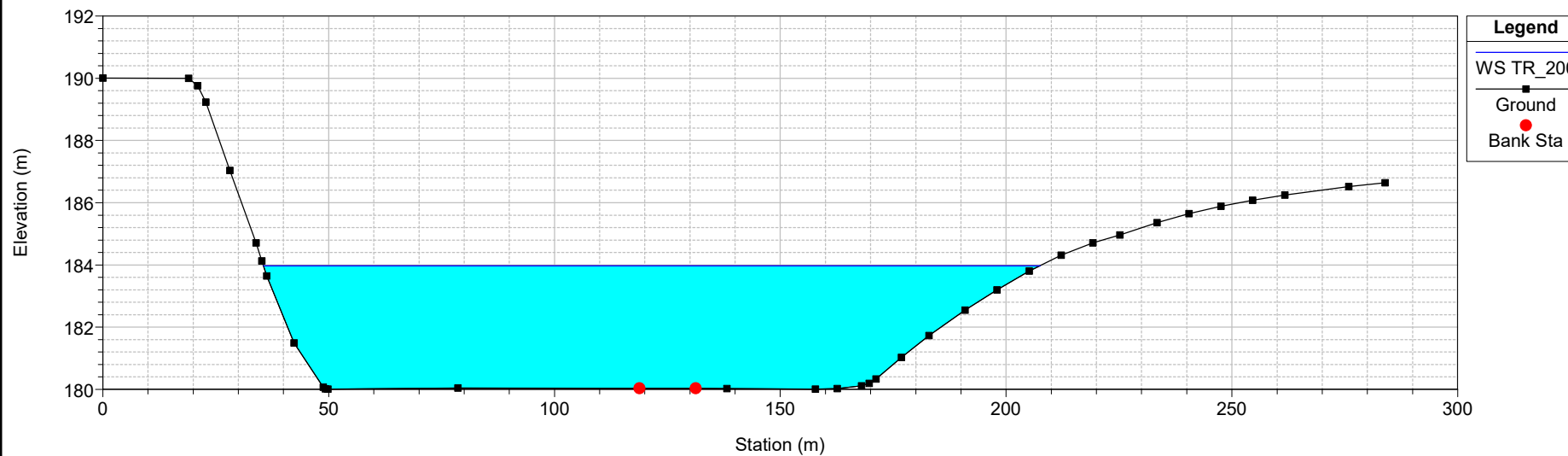
River = River 018 Reach = Reach 1 RS = 1095



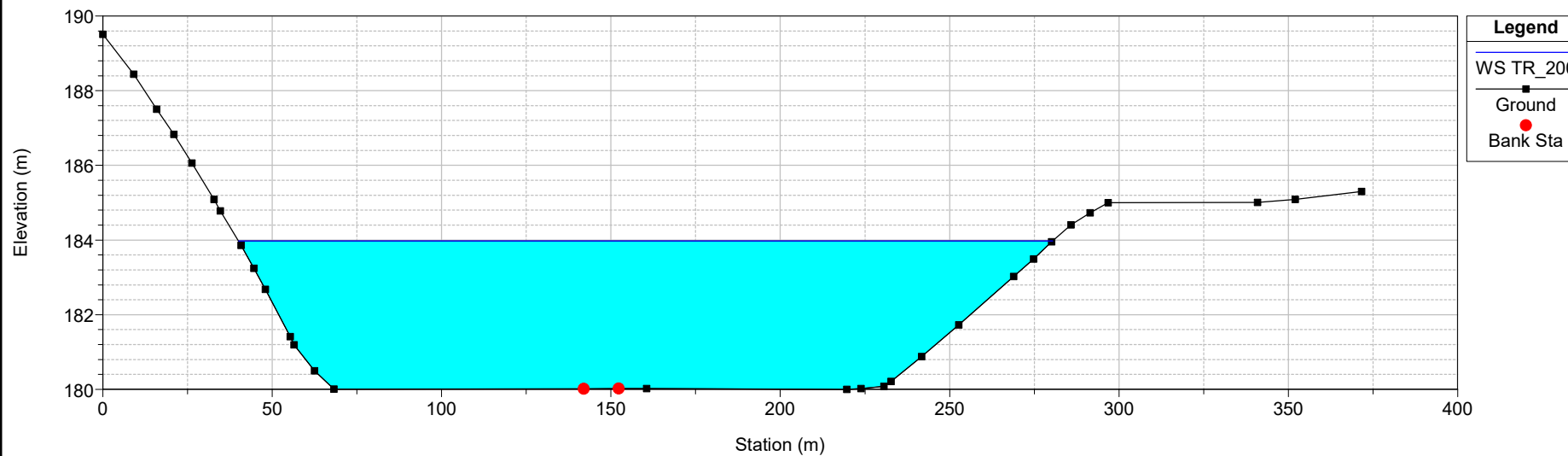
River = River 018 Reach = Reach 1 RS = 976



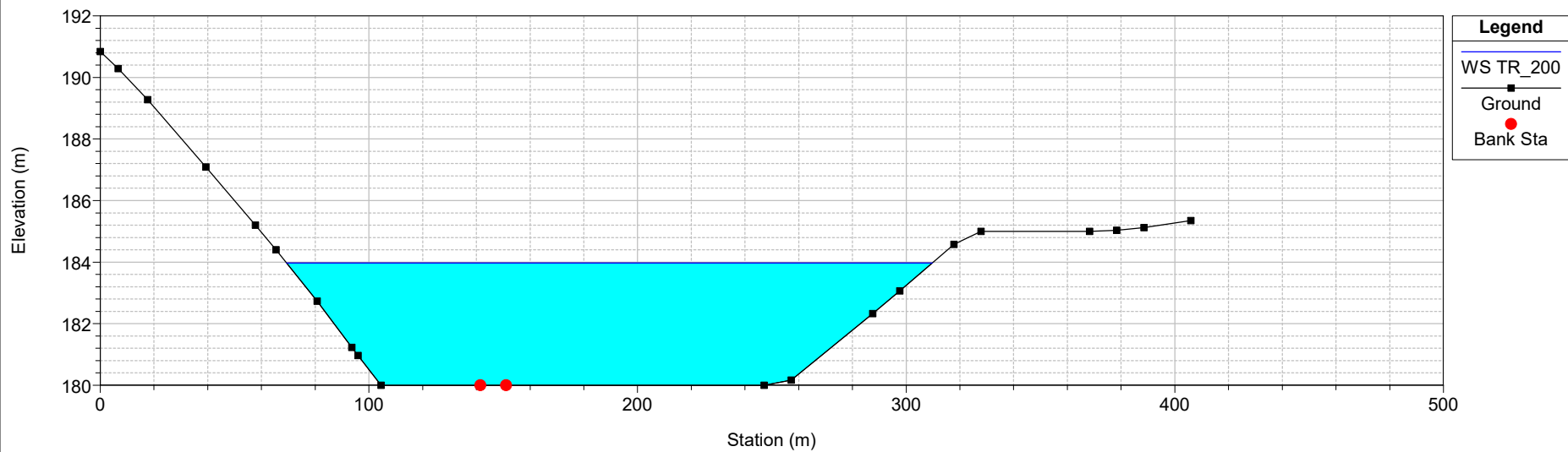
River = River 018 Reach = Reach 1 RS = 812



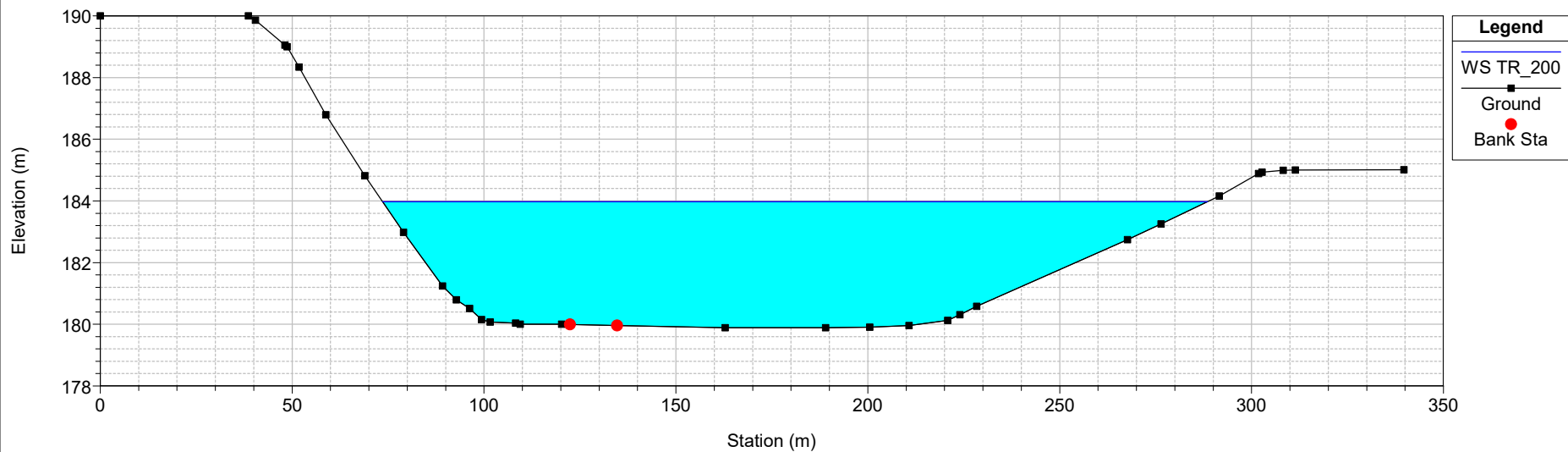
River = River 018 Reach = Reach 1 RS = 686



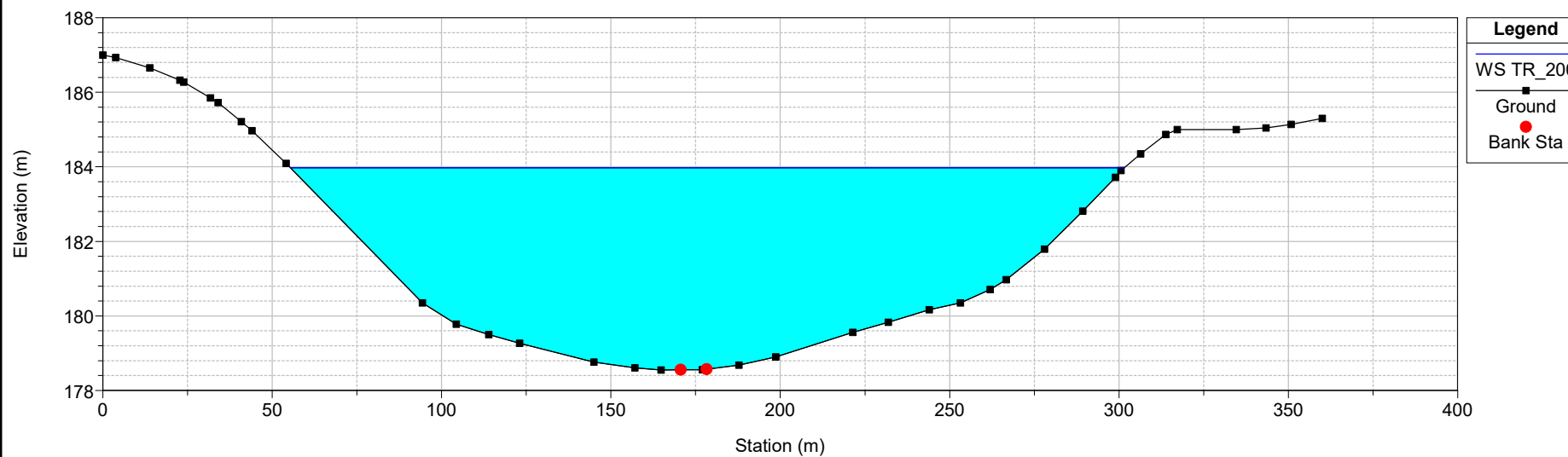
River = River 018 Reach = Reach 1 RS = 602



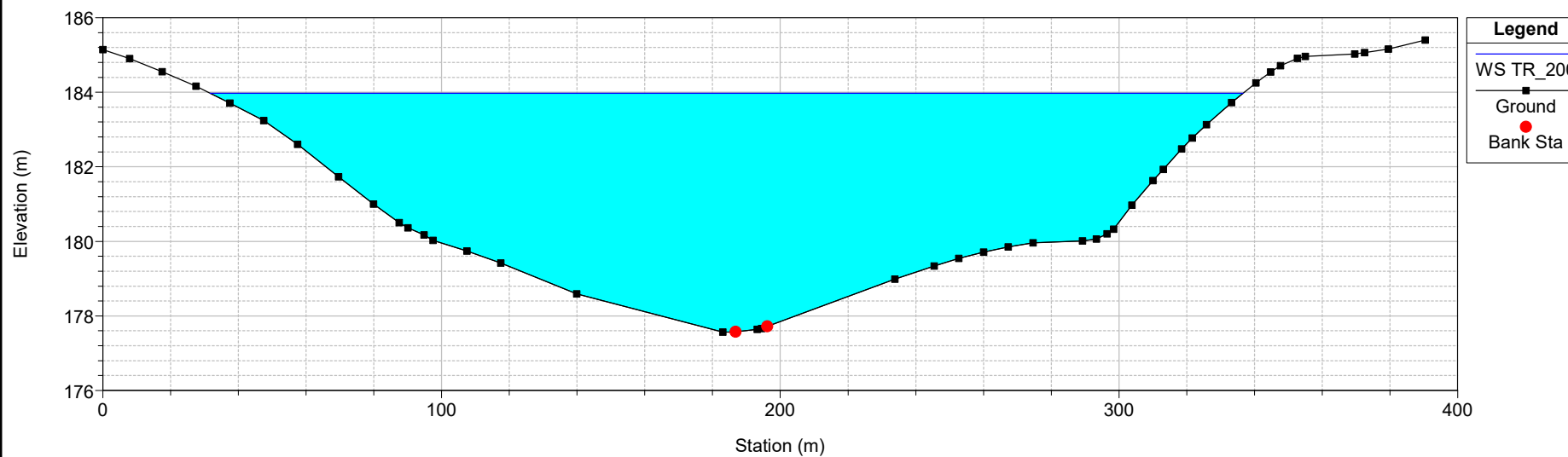
River = River 018 Reach = Reach 1 RS = 505



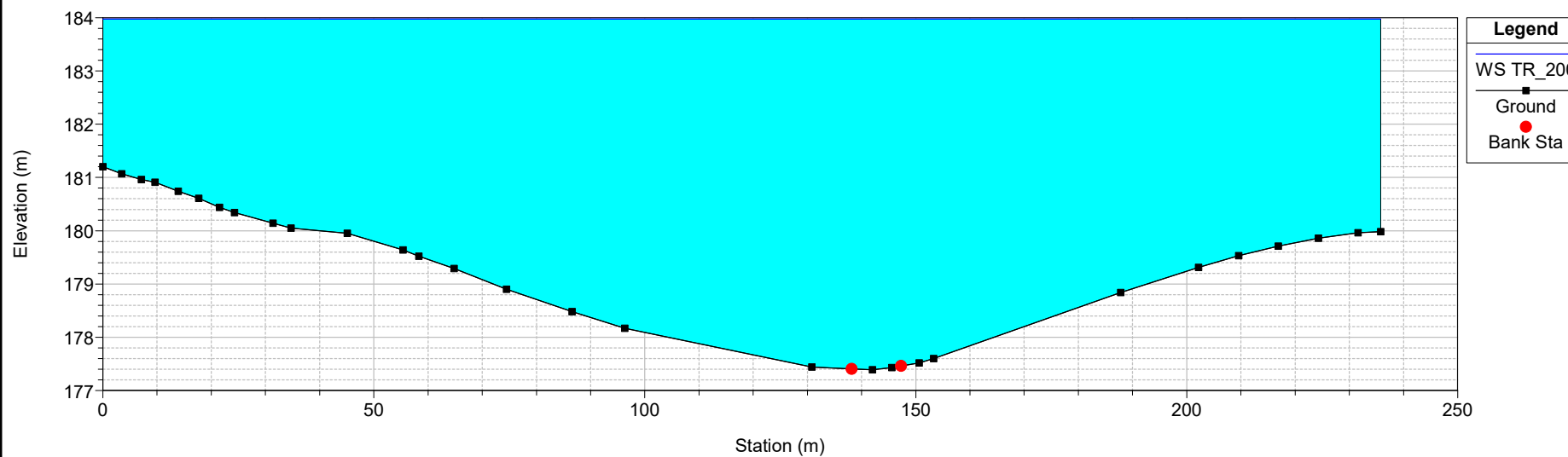
River = River 018 Reach = Reach 1 RS = 421



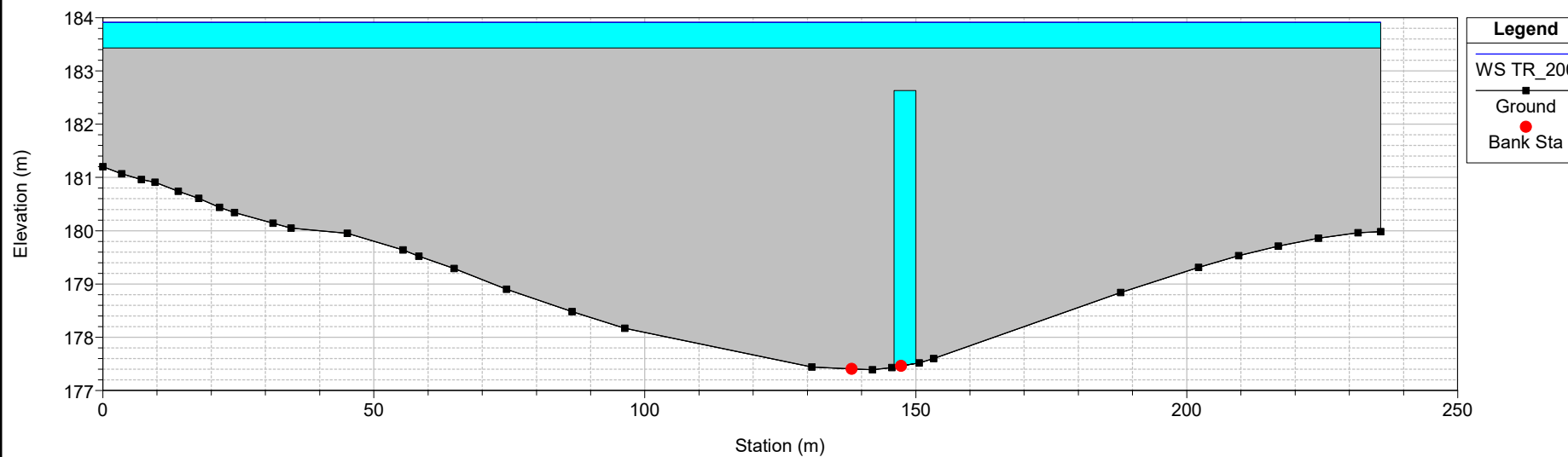
River = River 018 Reach = Reach 1 RS = 393



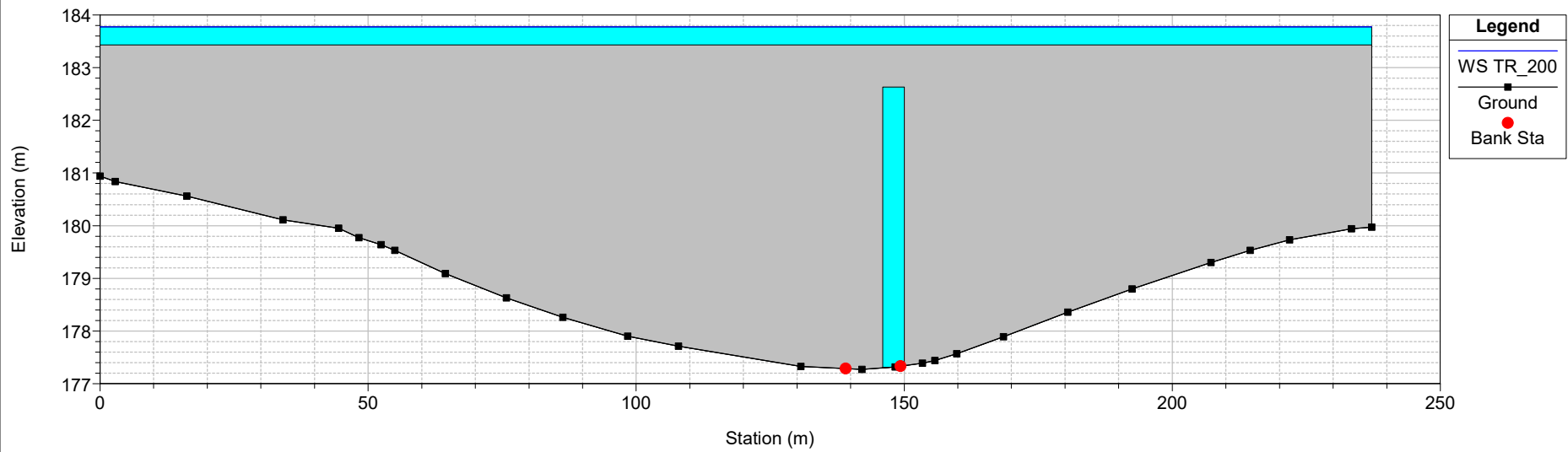
River = River 018 Reach = Reach 1 RS = 382



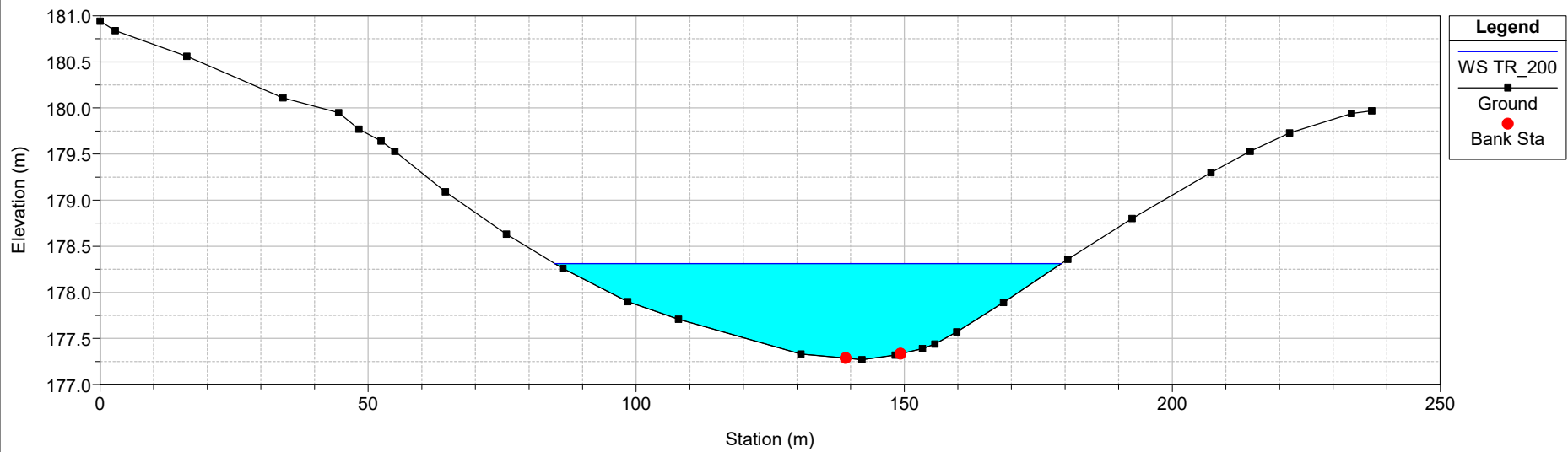
River = River 018 Reach = Reach 1 RS = 381 BR



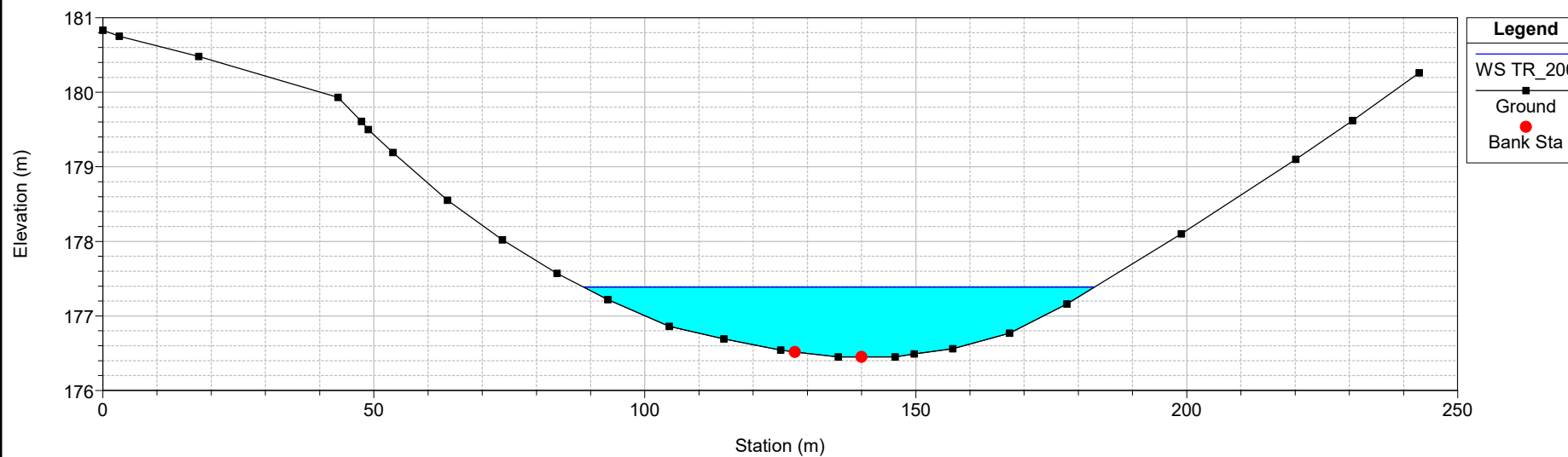
River = River 018 Reach = Reach 1 RS = 381 BR



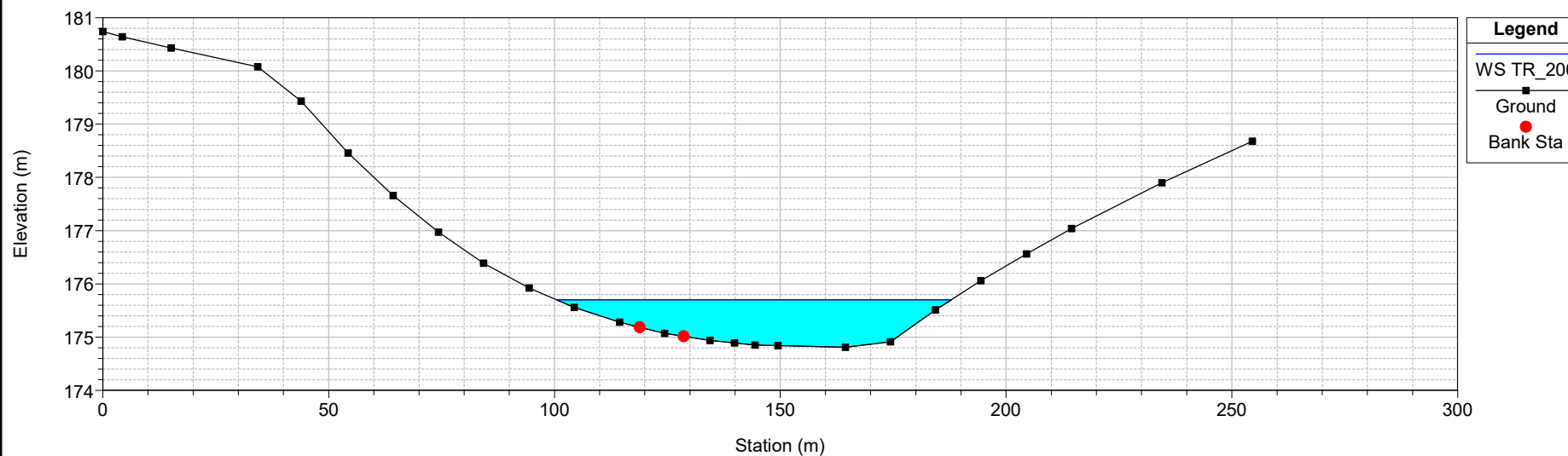
River = River 018 Reach = Reach 1 RS = 376



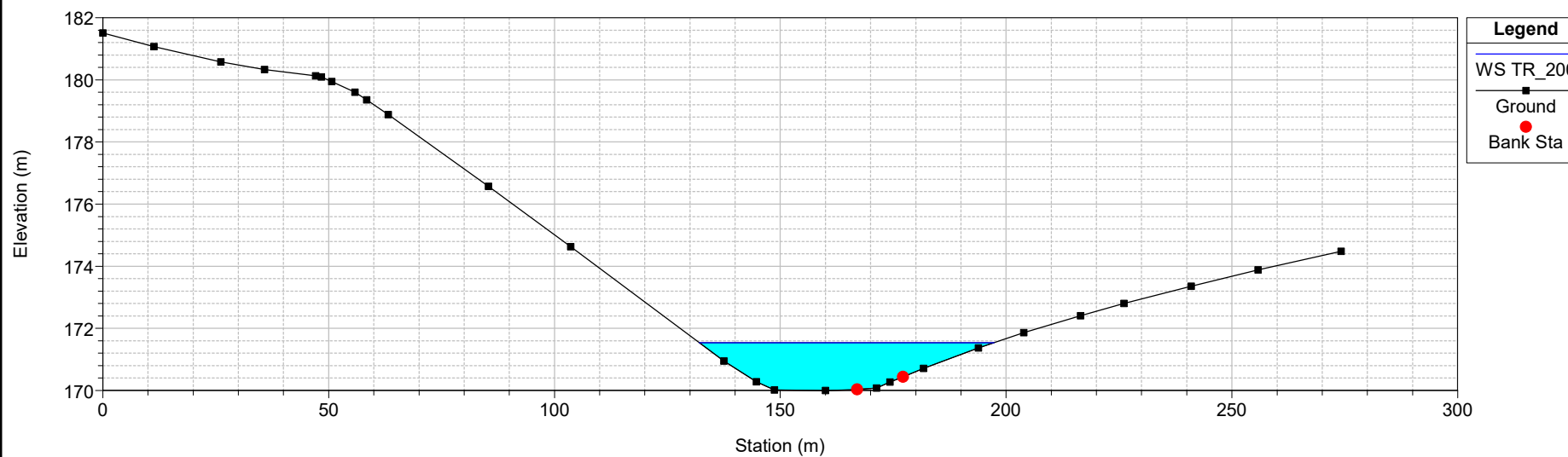
River = River 018 Reach = Reach 1 RS = 345



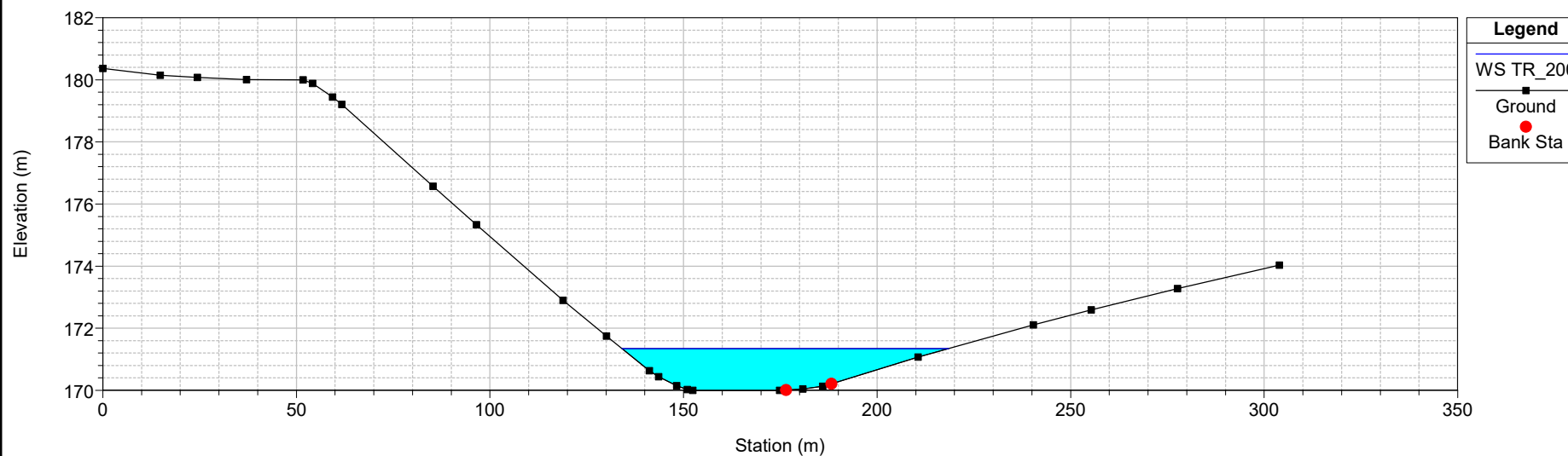
River = River 018 Reach = Reach 1 RS = 308



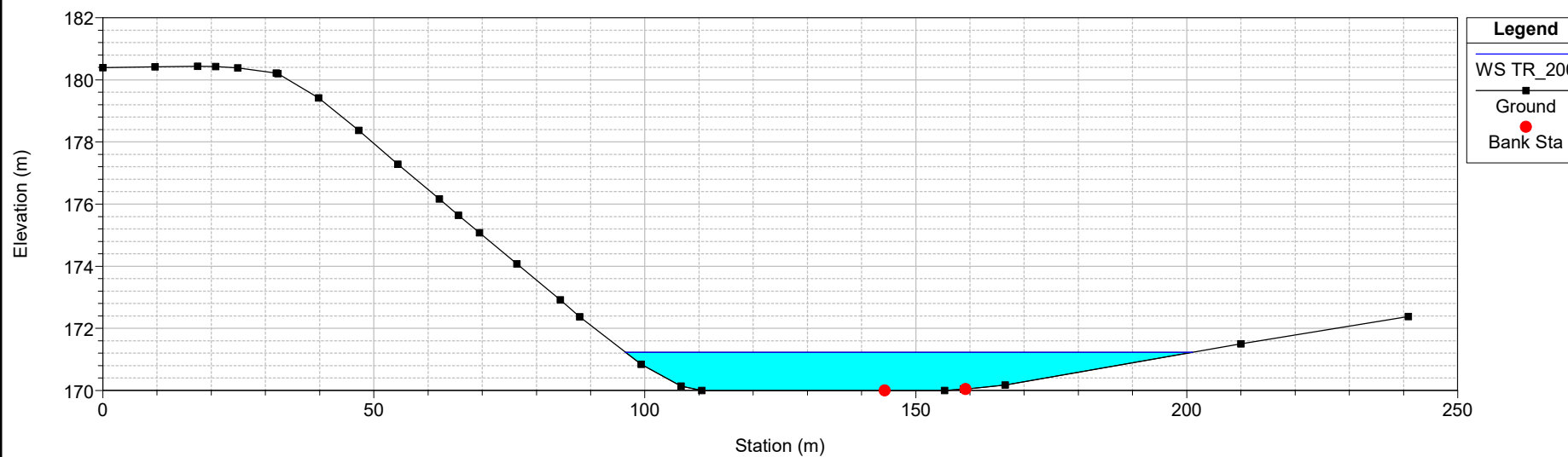
River = River 018 Reach = Reach 1 RS = 213



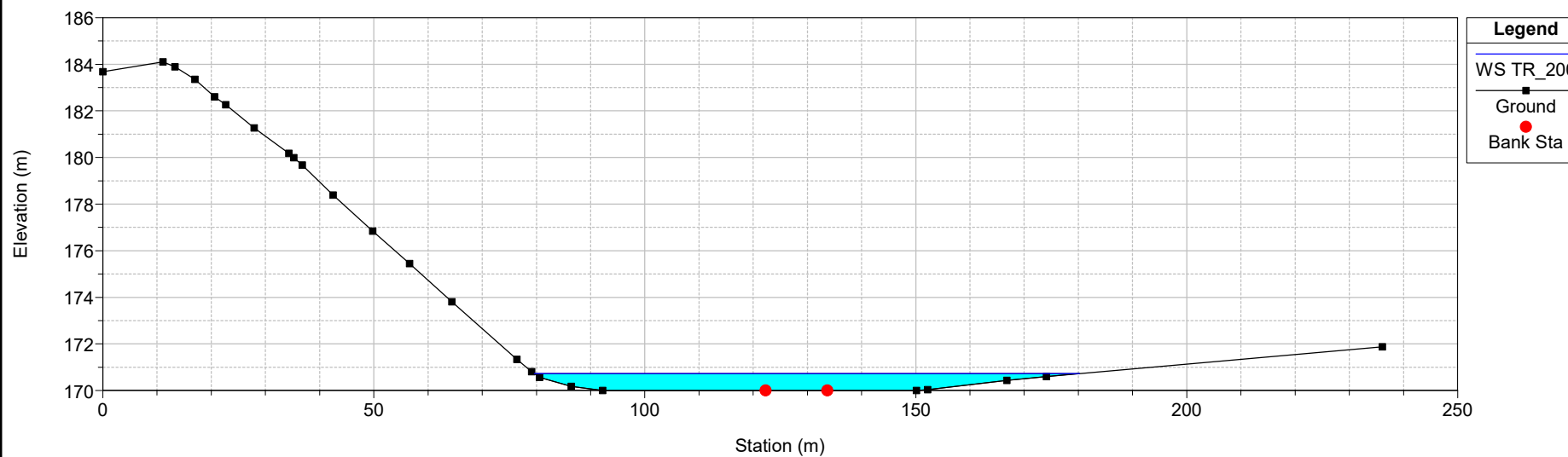
River = River 018 Reach = Reach 1 RS = 158



River = River 018 Reach = Reach 1 RS = 109



River = River 018 Reach = Reach 1 RS = 53



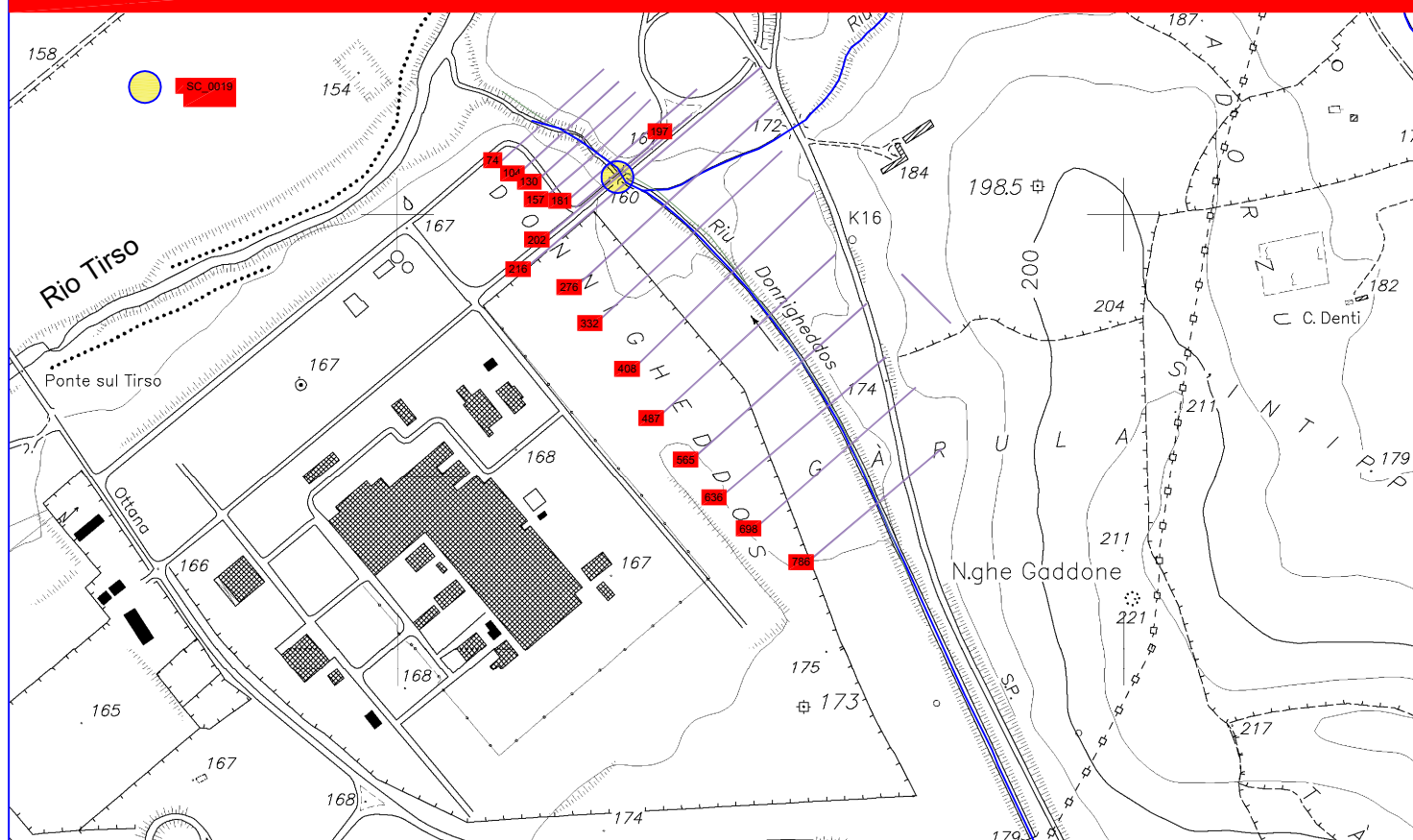
HEC-RAS Plan: sh018 River: River 018 Reach: Reach 1 Profile: TR_200

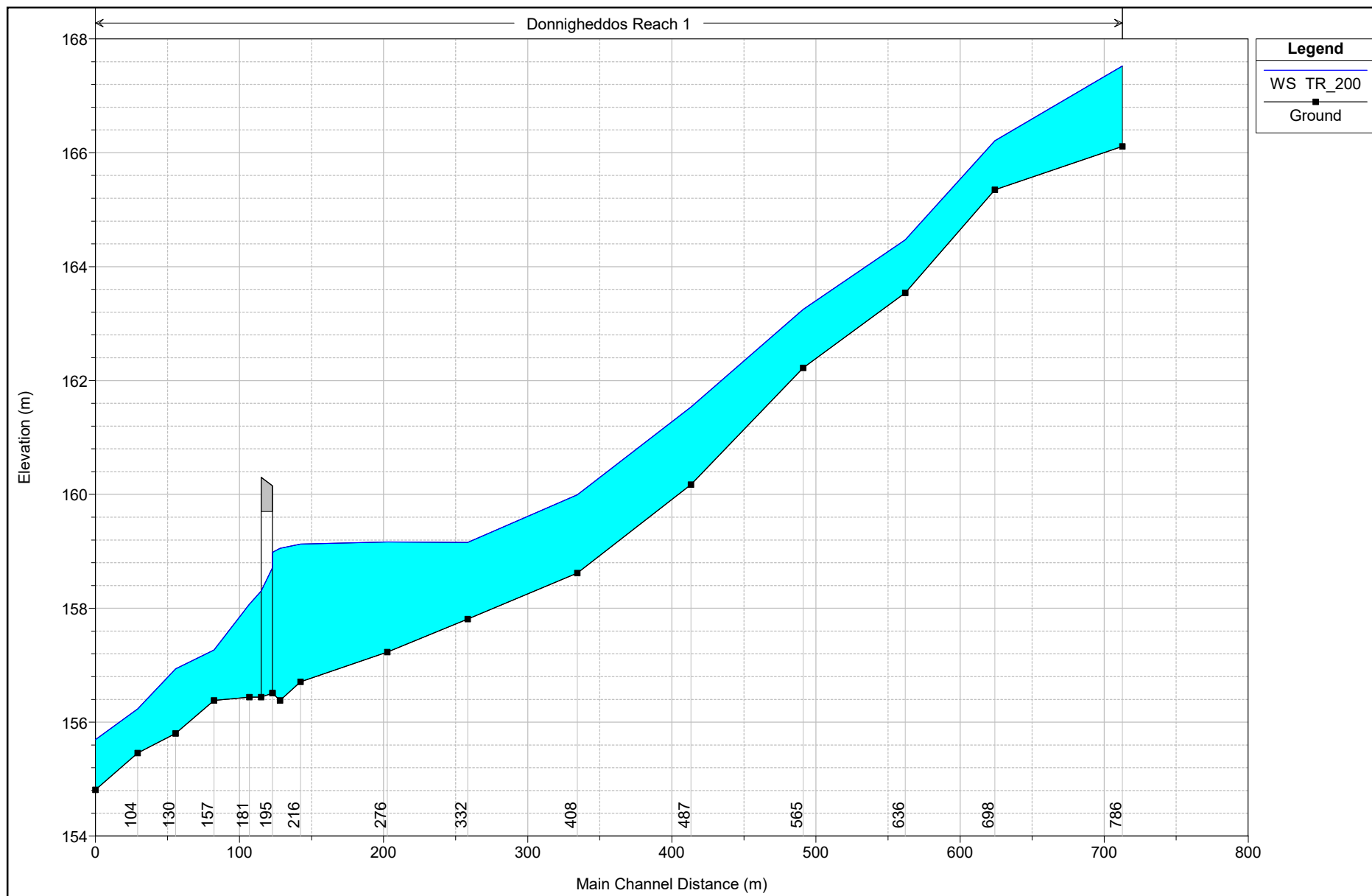
Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
			(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	
Reach 1	1095	TR_200	133.80	180.00	183.97		183.99	0.000083	0.76	253.52	82.52	0.12
Reach 1	976	TR_200	133.80	180.00	183.97		183.98	0.000043	0.55	358.25	112.05	0.09
Reach 1	812	TR_200	133.80	180.03	183.97		183.98	0.000016	0.34	571.55	171.95	0.05
Reach 1	686	TR_200	133.80	180.02	183.97		183.98	0.000008	0.24	805.18	240.35	0.04
Reach 1	602	TR_200	133.80	180.00	183.97		183.97	0.000010	0.26	776.06	240.37	0.04
Reach 1	505	TR_200	133.80	179.96	183.97		183.97	0.000013	0.30	674.62	214.90	0.05
Reach 1	421	TR_200	133.80	178.55	183.97		183.97	0.000006	0.24	922.89	246.16	0.03
Reach 1	393	TR_200	133.80	177.57	183.97		183.97	0.000003	0.20	1210.12	304.95	0.02
Reach 1	382	TR_200	133.80	177.39	183.97	178.50	183.97	0.000002	0.18	1180.89	235.80	0.02
Reach 1	381		Bridge									
Reach 1	376	TR_200	133.80	177.27	178.31	178.31	178.63	0.011283	3.59	61.22	94.48	1.13
Reach 1	345	TR_200	133.80	176.45	177.39	177.39	177.70	0.012143	3.46	59.83	94.27	1.16
Reach 1	308	TR_200	133.80	175.02	175.70	175.70	176.03	0.015277	2.97	54.65	87.51	1.21
Reach 1	213	TR_200	133.80	170.03	171.54		171.79	0.004894	2.86	66.21	65.20	0.78
Reach 1	158	TR_200	133.80	170.01	171.35		171.52	0.003959	2.45	78.81	84.41	0.70
Reach 1	109	TR_200	133.80	170.00	171.23	170.82	171.35	0.002756	2.00	96.51	104.66	0.58
Reach 1	53	TR_200	133.80	170.00	170.73	170.73	171.03	0.015157	3.31	58.44	100.60	1.24

ATTRAVERSAMENTO:

- SC 0019

RIU DONNIGHEDDOS
SC_0019
COROGRAFIA UBICAZIONE SEZIONI IDRAULICHE

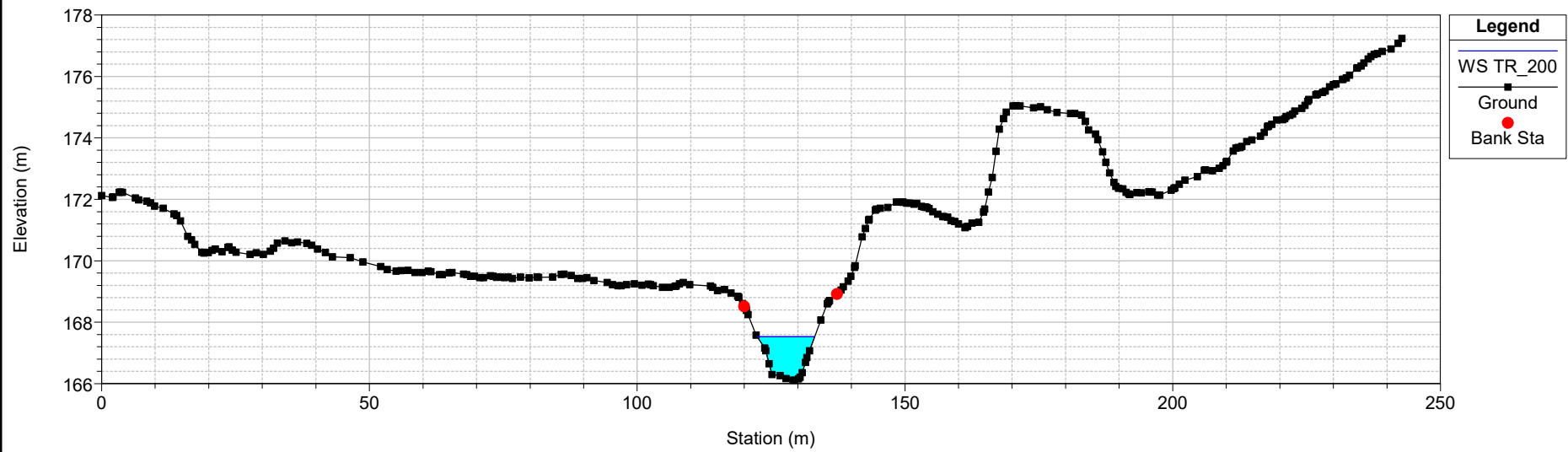




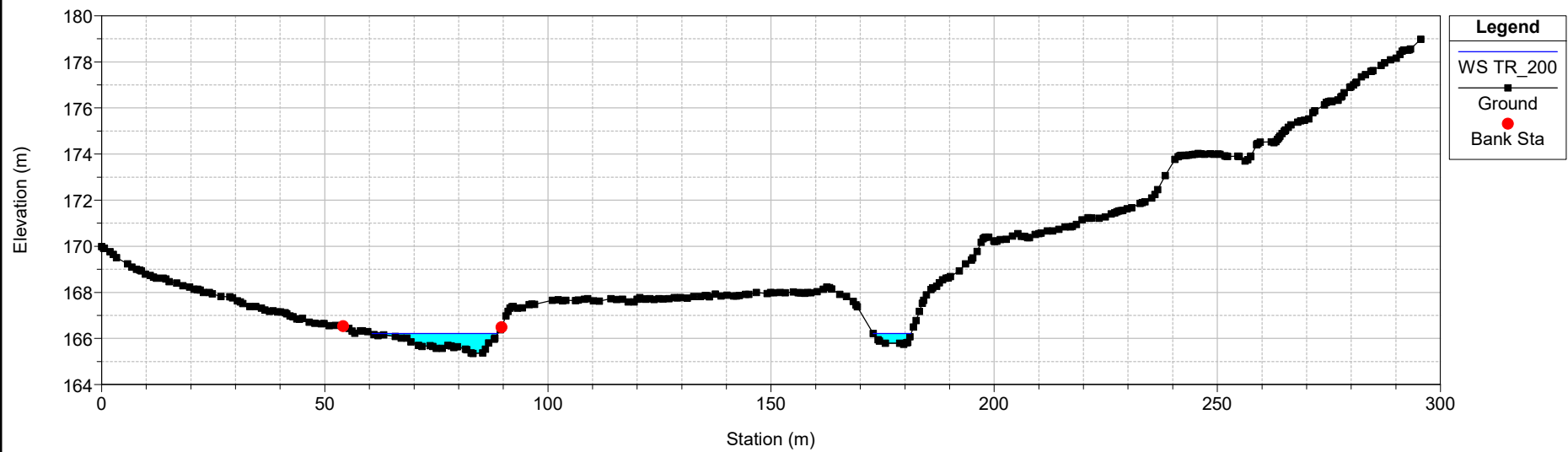
G191_SC_0019

SEZIONI

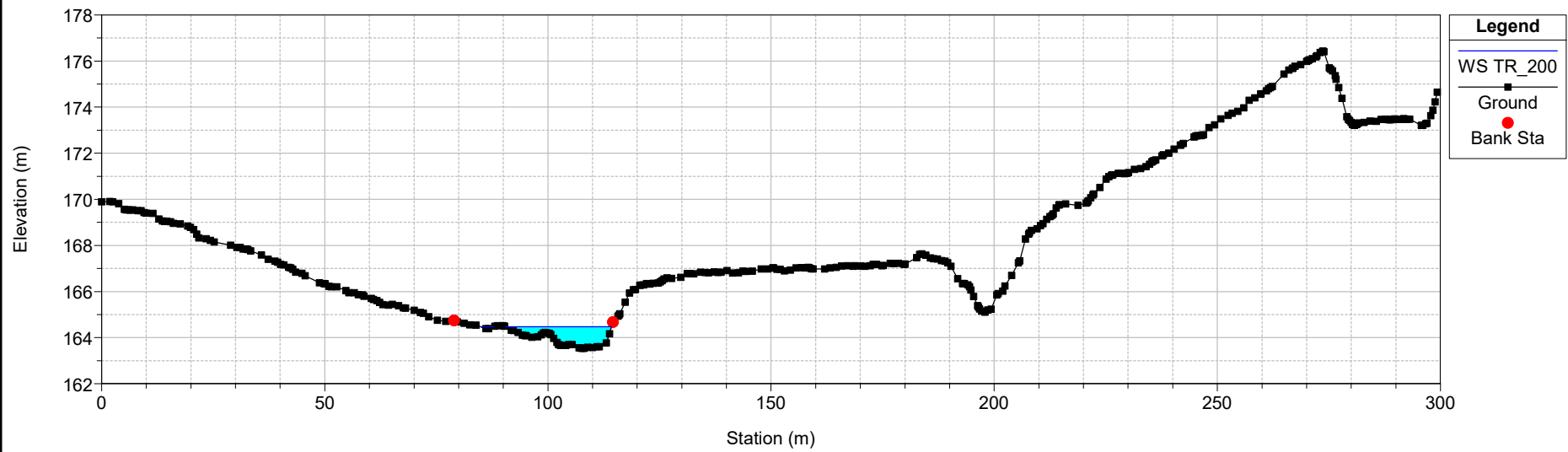
River = Donnigheddos Reach = Reach 1 RS = 786



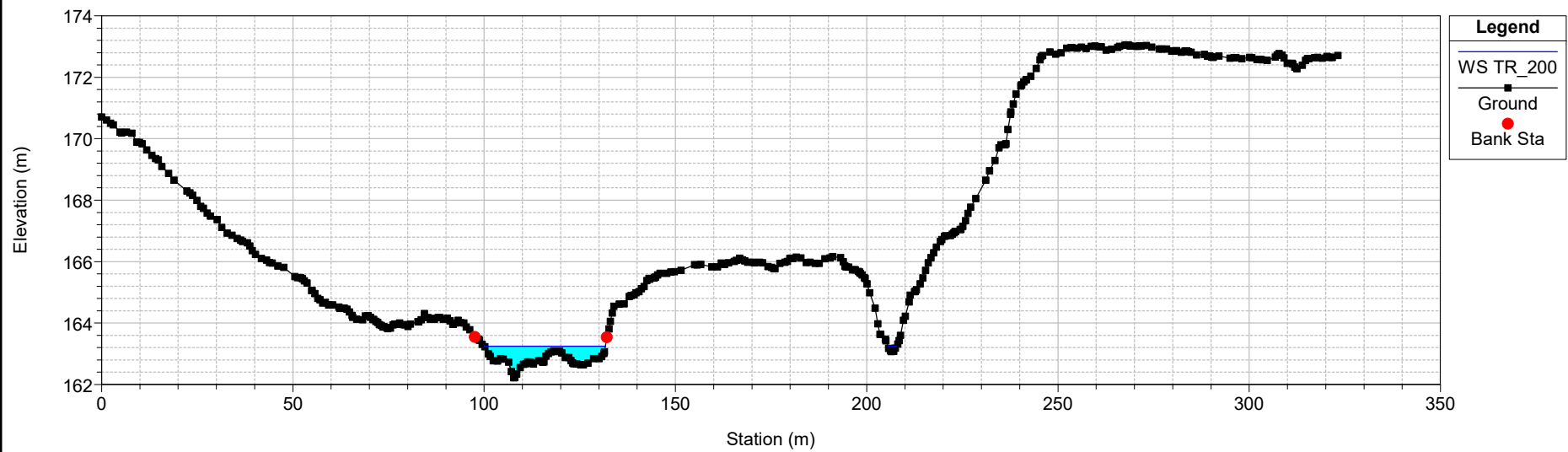
River = Donnigheddos Reach = Reach 1 RS = 698



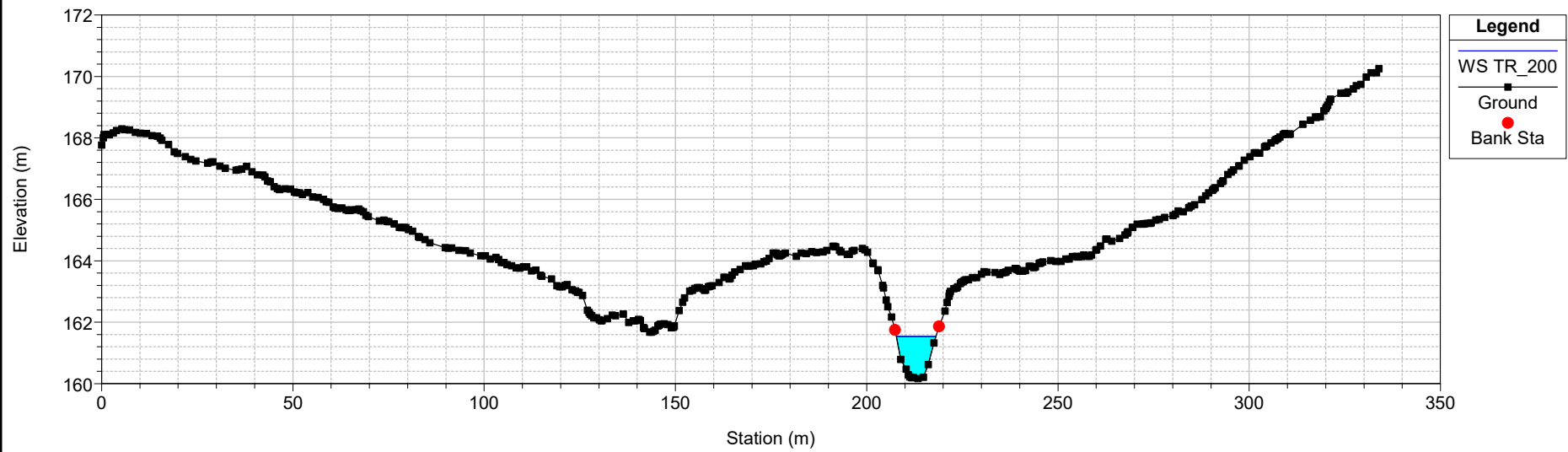
River = Donnigheddos Reach = Reach 1 RS = 636



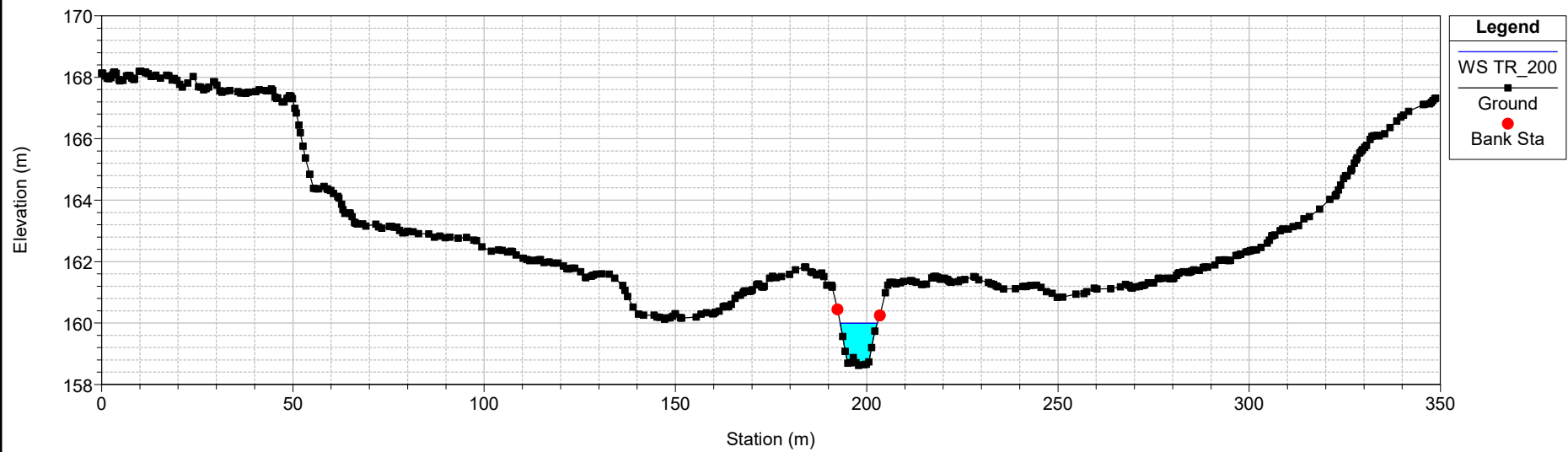
River = Donnigheddos Reach = Reach 1 RS = 565



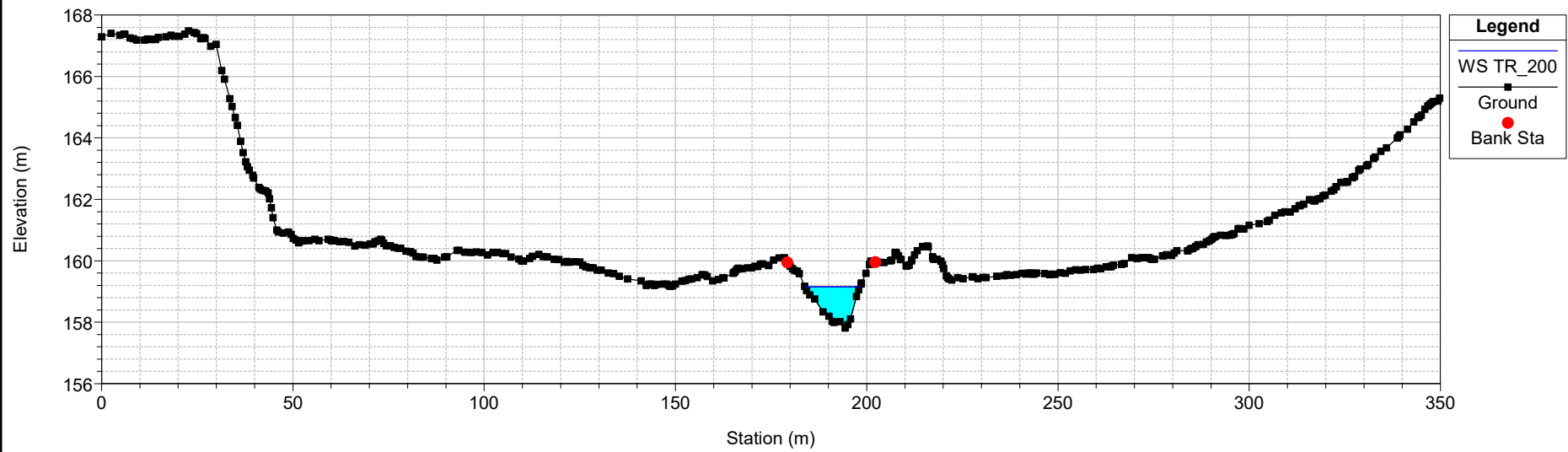
River = Donnigheddos Reach = Reach 1 RS = 487



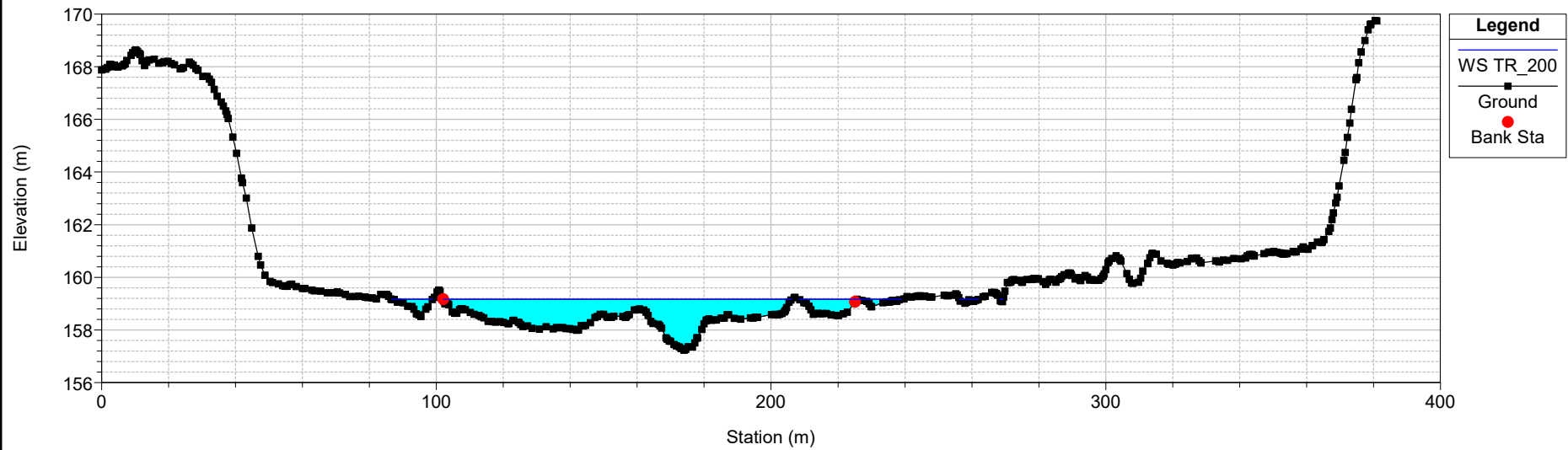
River = Donnigheddos Reach = Reach 1 RS = 408



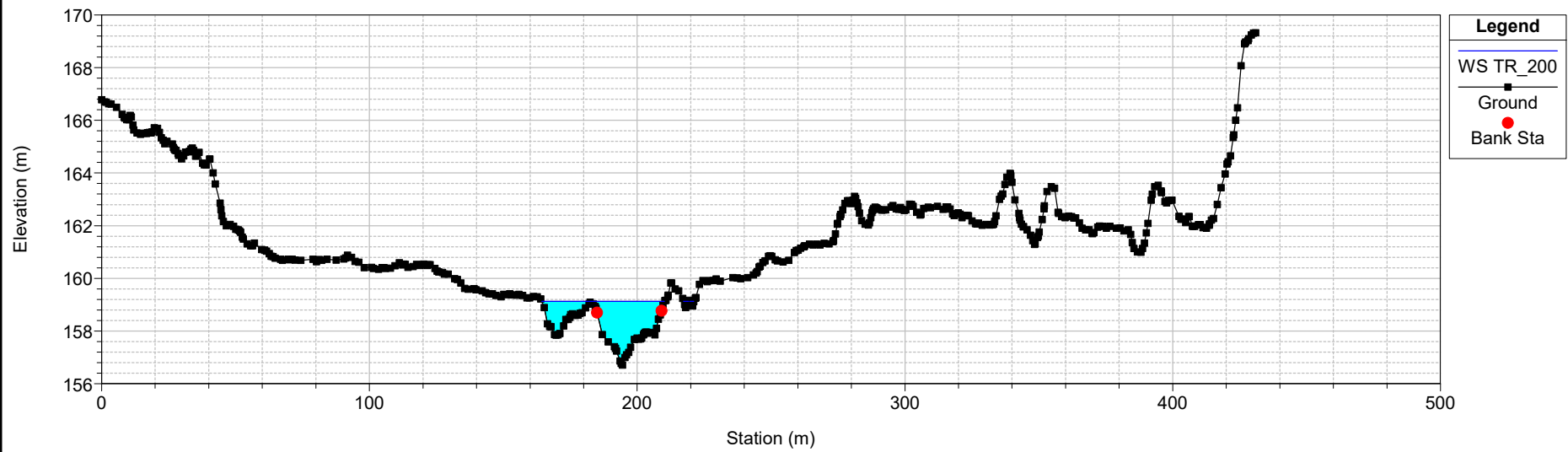
River = Donnigheddos Reach = Reach 1 RS = 332



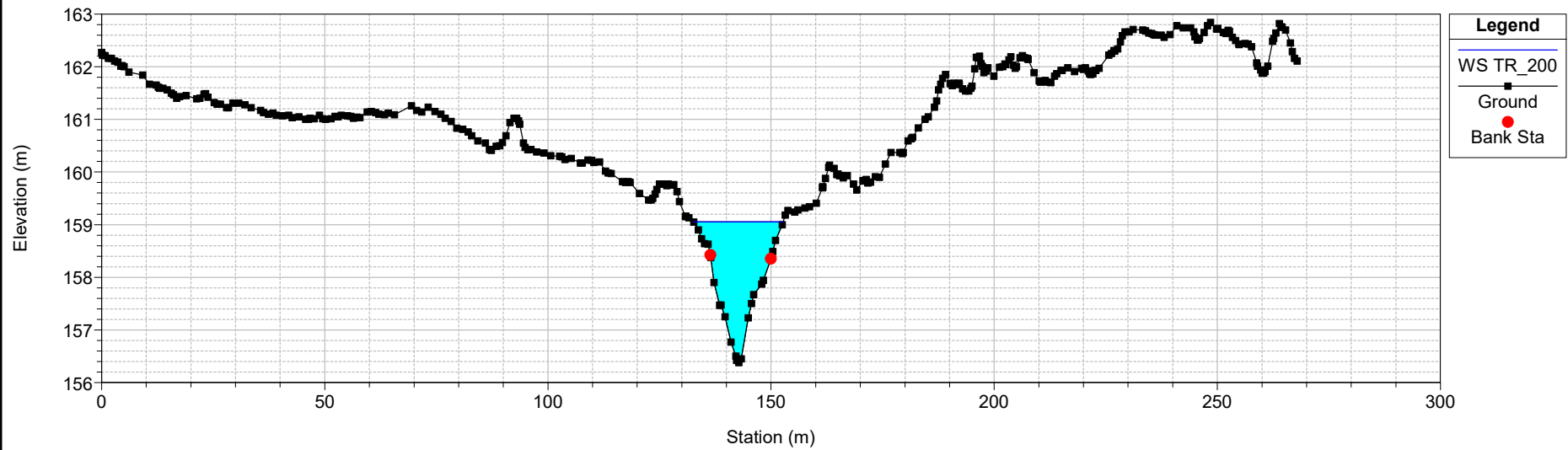
River = Donnigheddos Reach = Reach 1 RS = 276



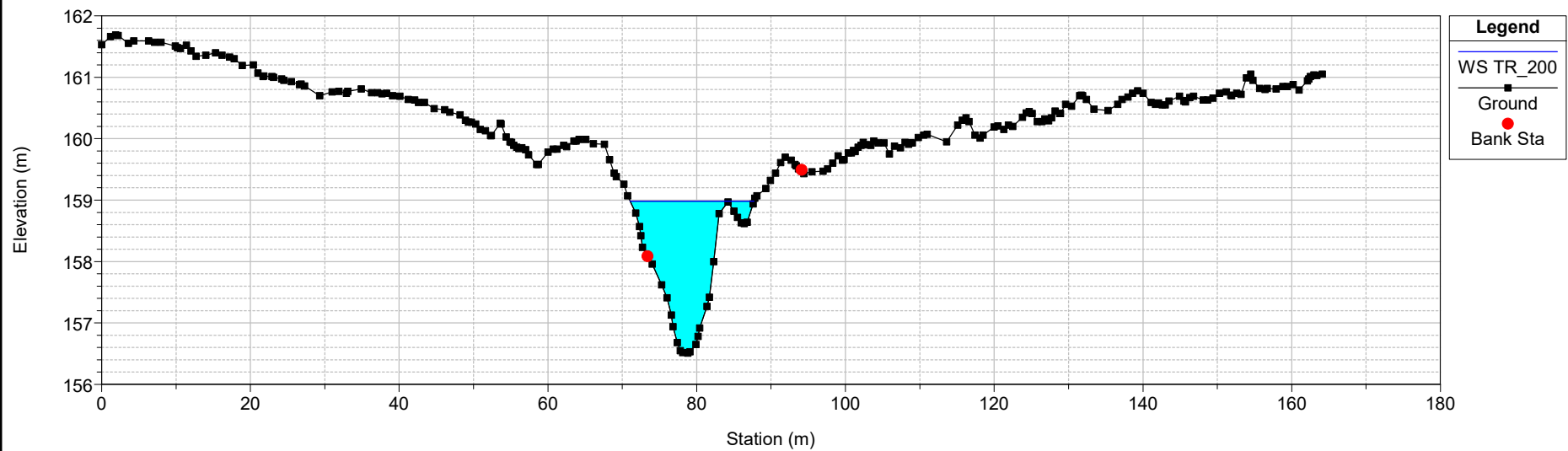
River = Donnigheddos Reach = Reach 1 RS = 216



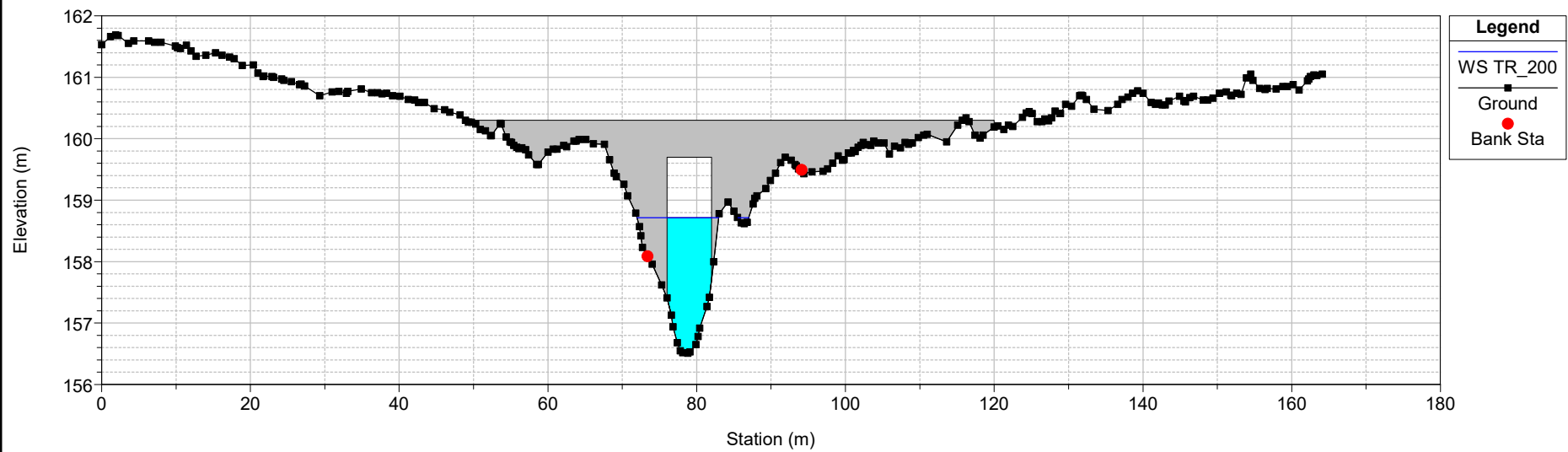
River = Donnigheddos Reach = Reach 1 RS = 202



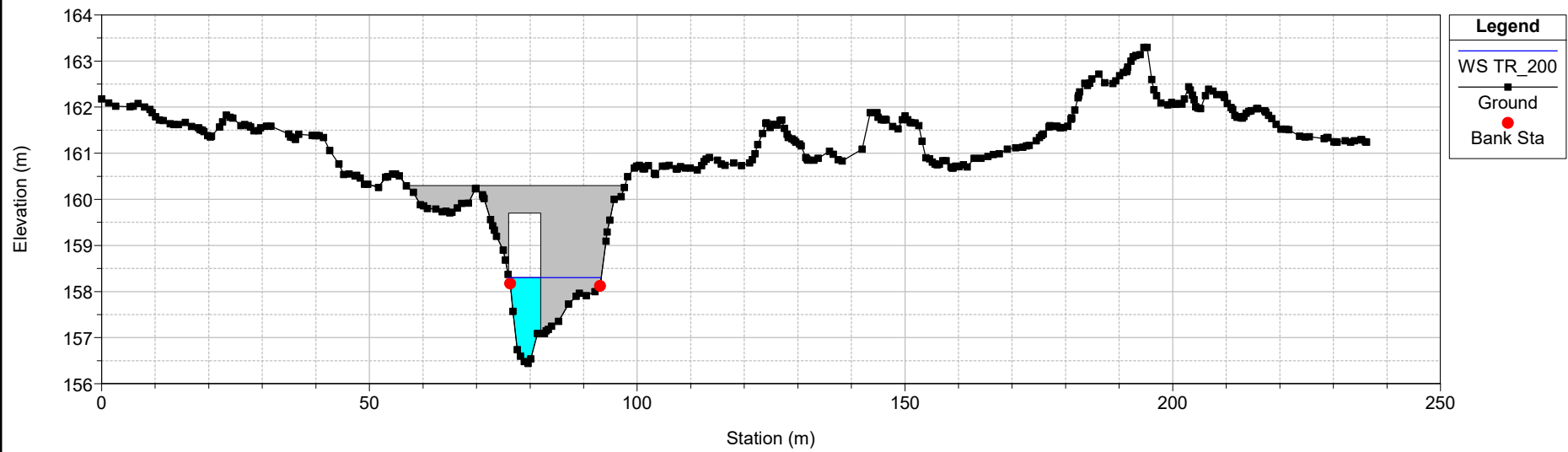
River = Donnigheddos Reach = Reach 1 RS = 197



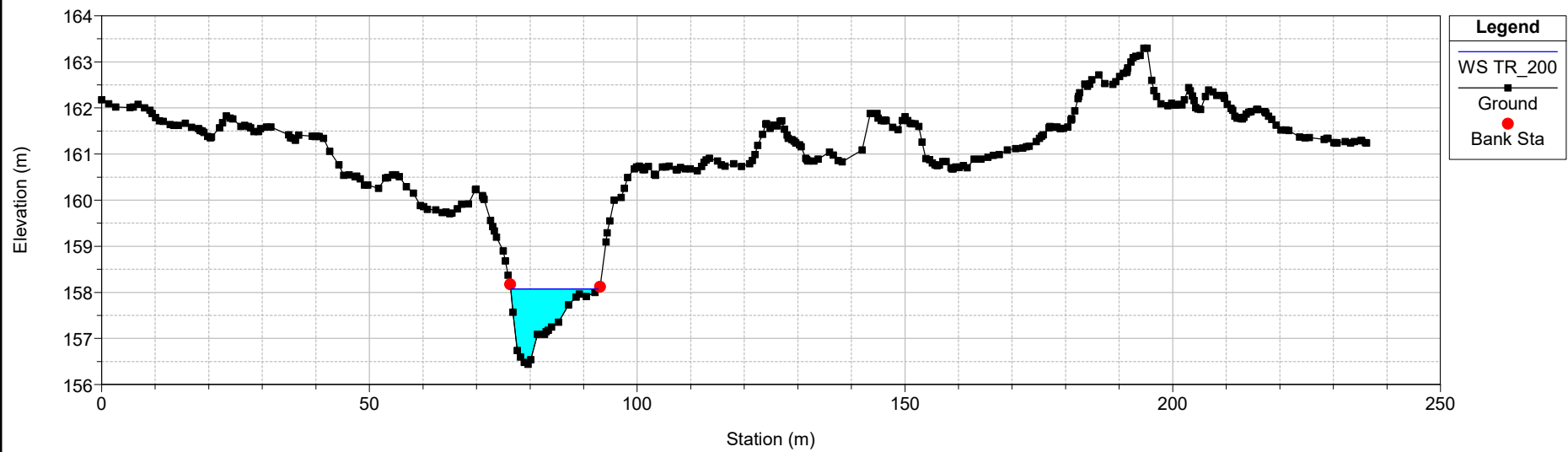
River = Donnigheddos Reach = Reach 1 RS = 195 BR



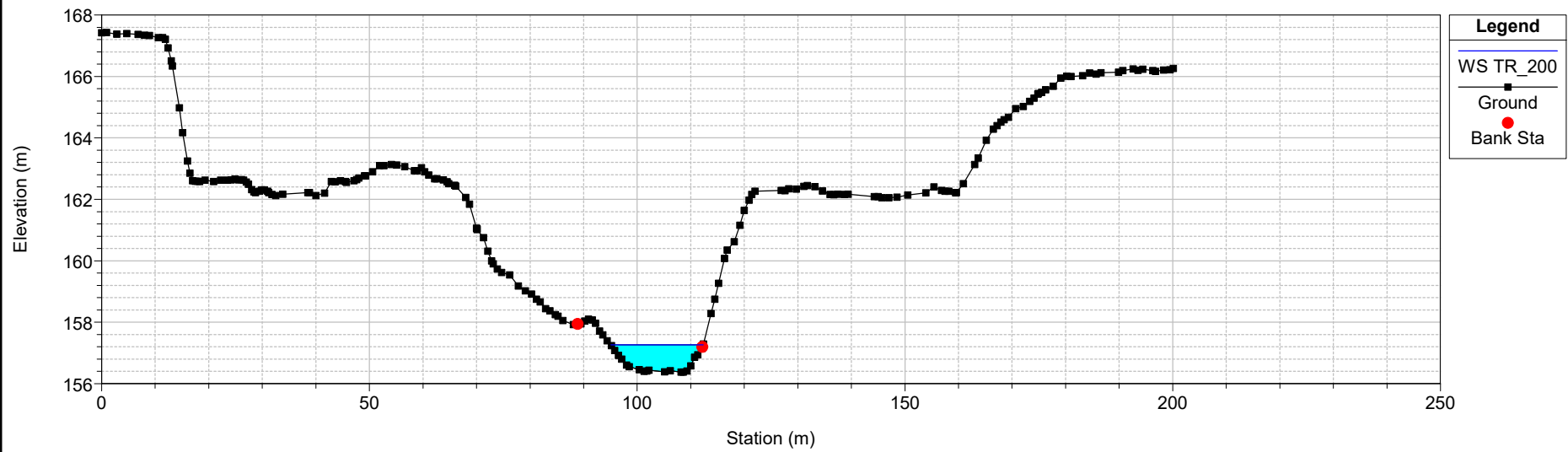
River = Donnigheddos Reach = Reach 1 RS = 195 BR



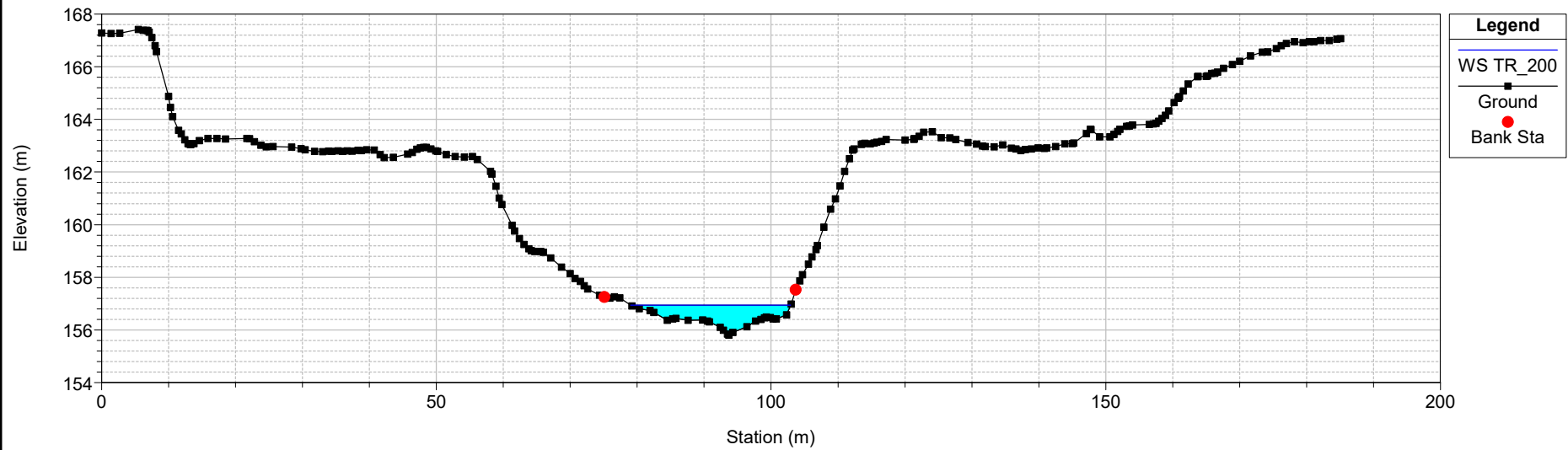
River = Donnigheddos Reach = Reach 1 RS = 181



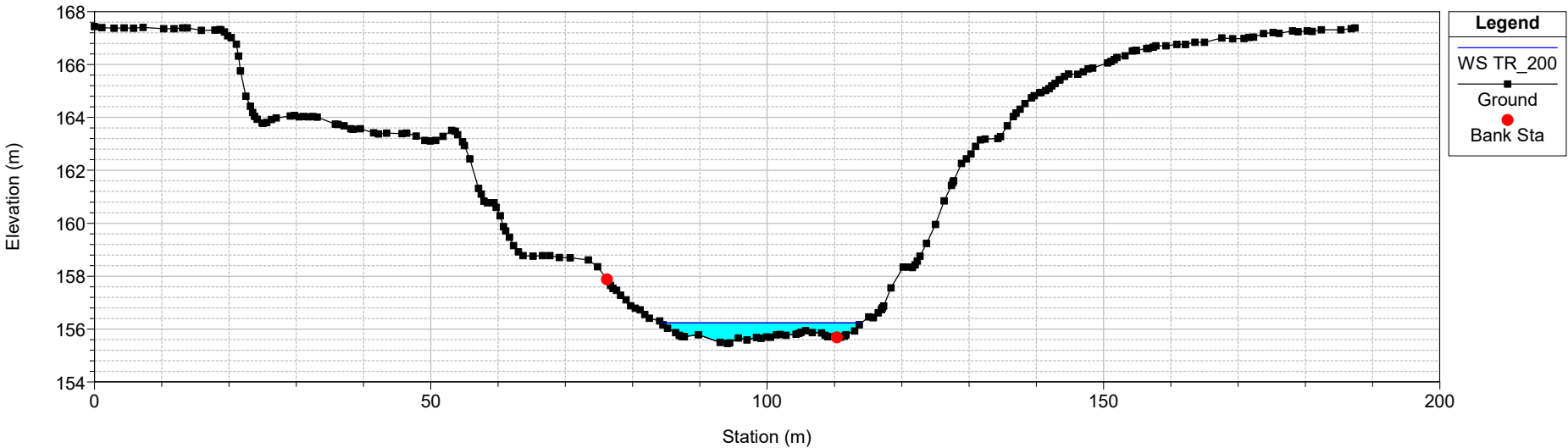
River = Donnigheddos Reach = Reach 1 RS = 157



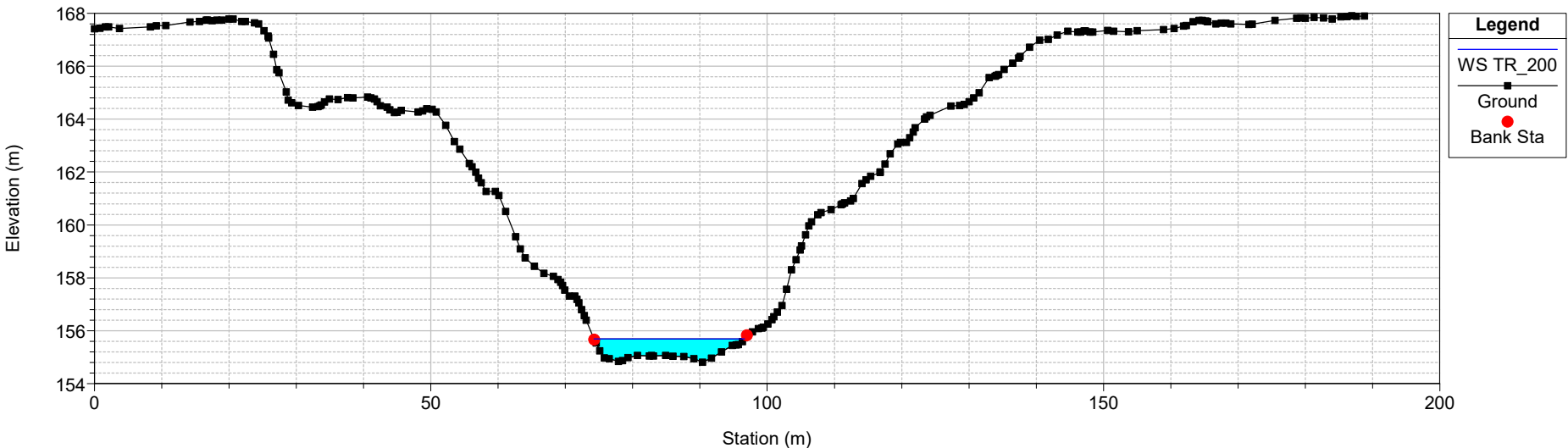
River = Donnigheddos Reach = Reach 1 RS = 130



River = Donnigheddos Reach = Reach 1 RS = 104



River = Donnigheddos Reach = Reach 1 RS = 74



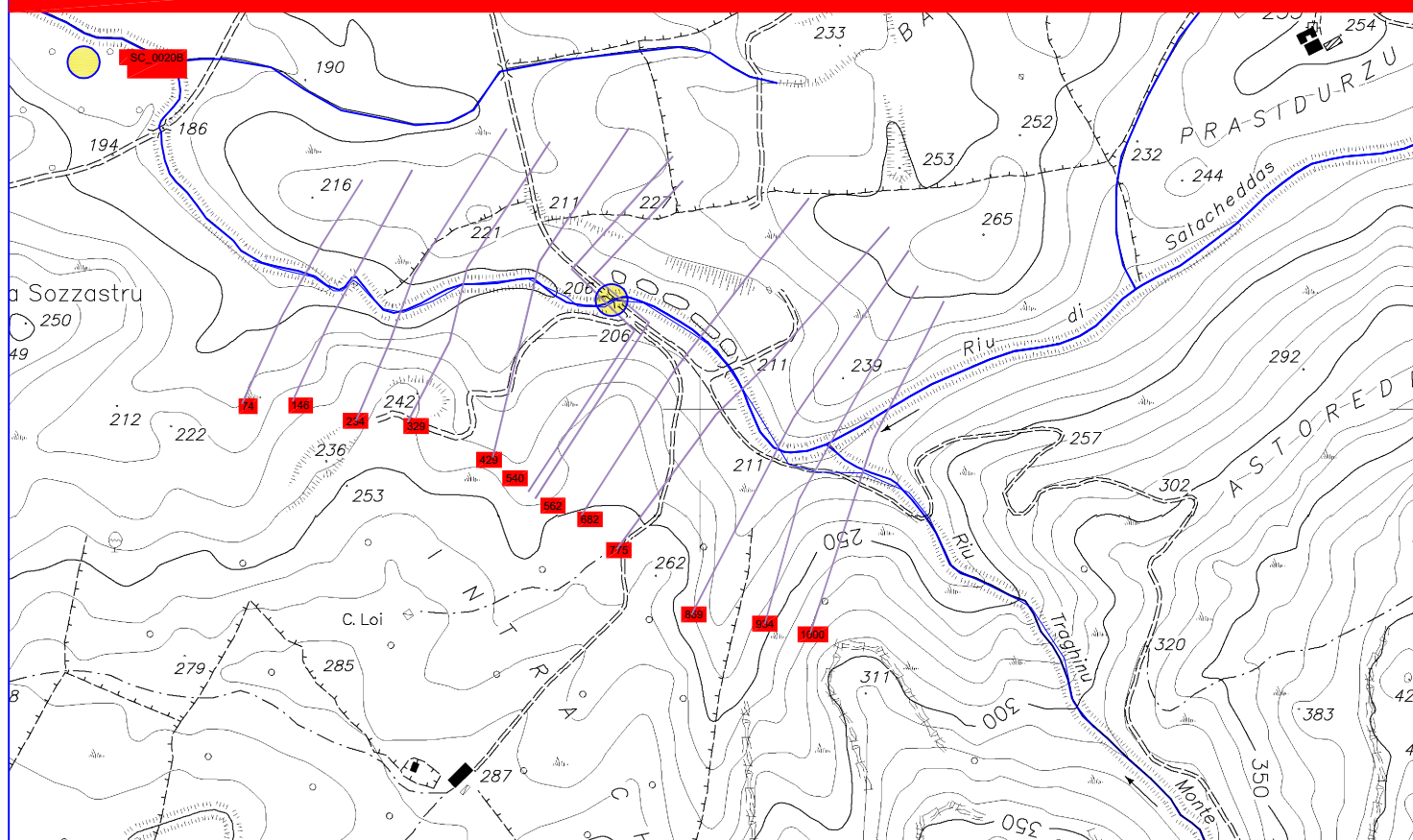
HEC-RAS Plan: SH0019 River: Donnigheddos Reach: Reach 1 Profile: TR_200

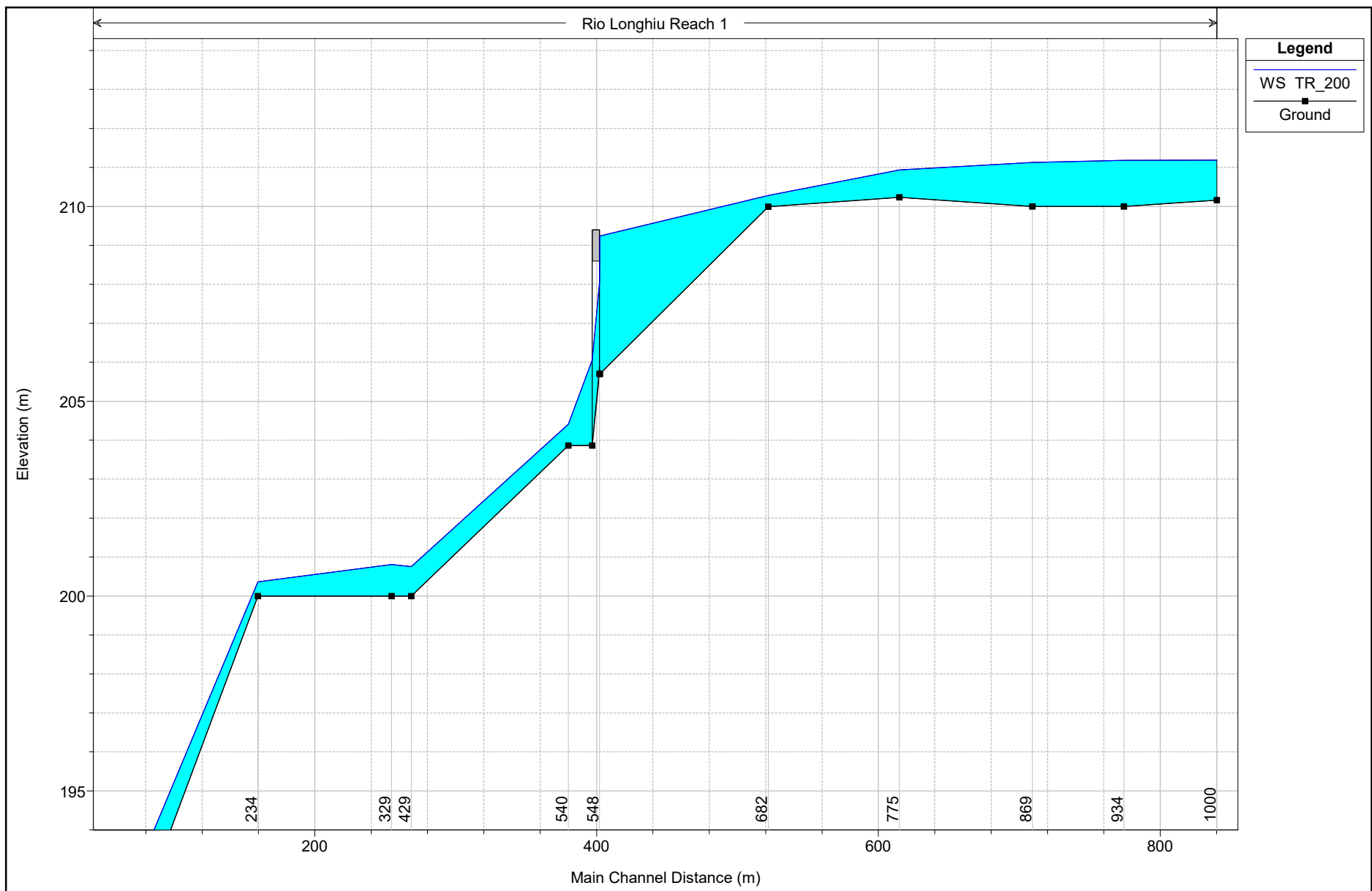
Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
			(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	
Reach 1	786	TR_200	30.68	166.11	167.53	167.53	168.00	0.009698	3.04	10.10	10.75	1.00
Reach 1	698	TR_200	30.68	165.35	166.21	166.21	166.42	0.012339	2.14	15.42	36.63	1.03
Reach 1	636	TR_200	30.68	163.54	164.47	164.47	164.73	0.011349	2.25	13.62	26.65	1.01
Reach 1	565	TR_200	30.68	162.22	163.25	163.25	163.47	0.011397	2.10	14.78	33.88	0.99
Reach 1	487	TR_200	30.68	160.17	161.53	161.53	162.02	0.009683	3.08	9.95	10.36	1.00
Reach 1	408	TR_200	30.68	158.62	159.99	159.99	160.50	0.009912	3.16	9.72	9.70	1.01
Reach 1	332	TR_200	30.68	157.81	159.16	159.16	159.54	0.010005	2.76	11.11	14.37	1.00
Reach 1	276	TR_200	30.68	157.23	159.16		159.17	0.000124	0.32	100.84	153.30	0.11
Reach 1	216	TR_200	30.68	156.71	159.13		159.15	0.000323	0.76	48.22	49.23	0.20
Reach 1	202	TR_200	30.68	156.38	159.05		159.14	0.000848	1.32	24.69	20.06	0.33
Reach 1	197	TR_200	30.68	156.51	158.98	158.24	159.13	0.002255	1.72	18.50	16.64	0.50
Reach 1	195		Bridge									
Reach 1	181	TR_200	30.68	156.44	158.07	158.07	158.43	0.010562	2.64	11.61	16.33	1.00
Reach 1	157	TR_200	30.68	156.38	157.27	157.27	157.61	0.010302	2.61	11.76	17.28	1.01
Reach 1	130	TR_200	30.68	155.80	156.94	156.94	157.22	0.011018	2.33	13.15	23.89	1.00
Reach 1	104	TR_200	30.68	155.46	156.23	156.23	156.48	0.011673	2.24	14.20	29.76	1.02
Reach 1	74	TR_200	30.68	154.81	155.69	155.65	155.95	0.008653	2.23	13.76	22.37	0.91

ATTRAVERSAMENTO:

- SC 0020B

RIU LONGHIU
SC_0020B
COROGRAFIA UBICAZIONE SEZIONI IDRAULICHE

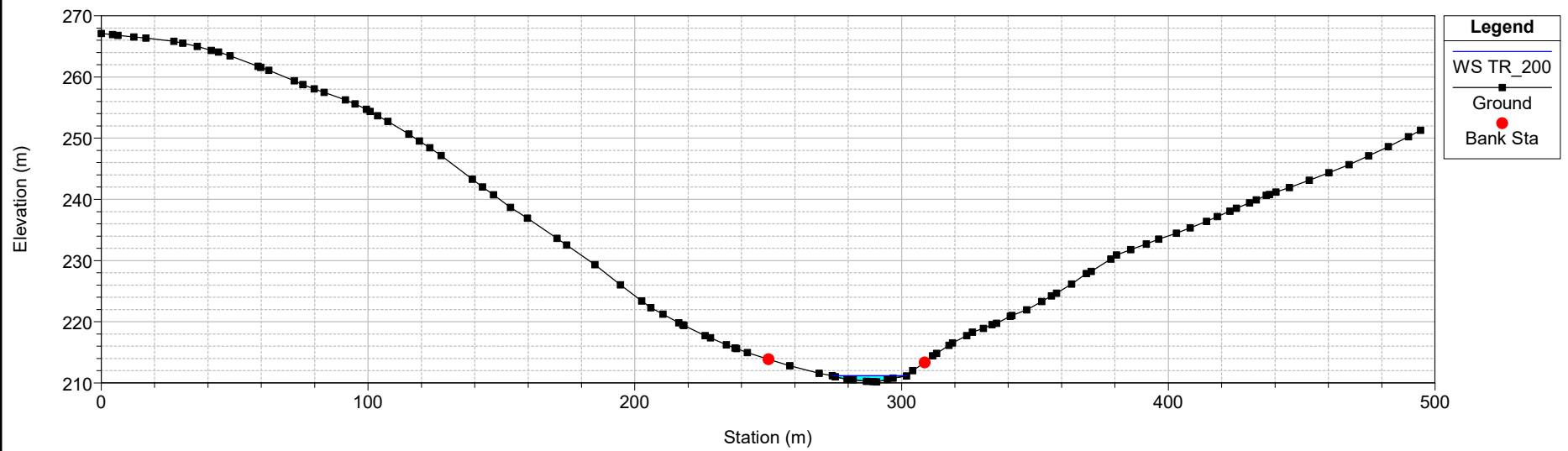




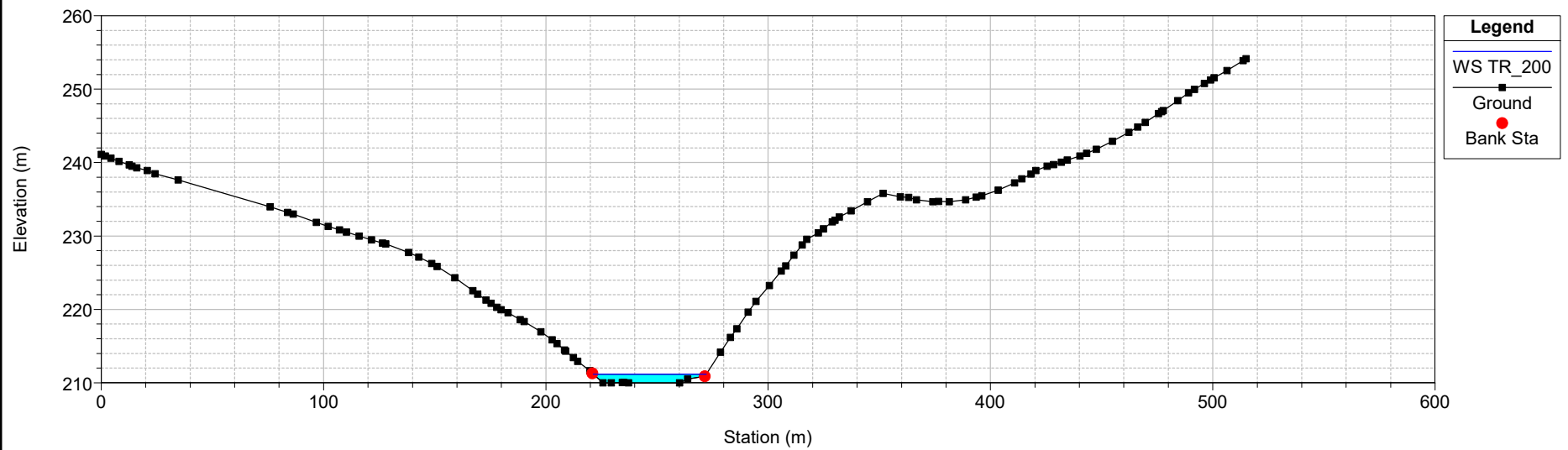
G191_SC_0020B

SEZIONI

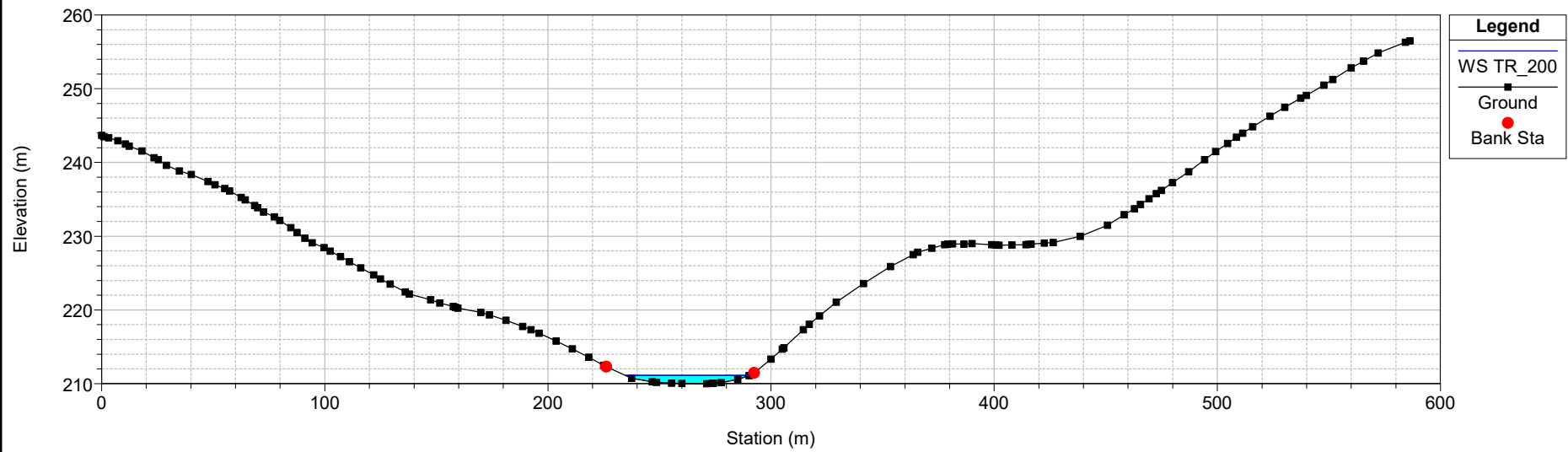
River = Rio Longhiu Reach = Reach 1 RS = 1000



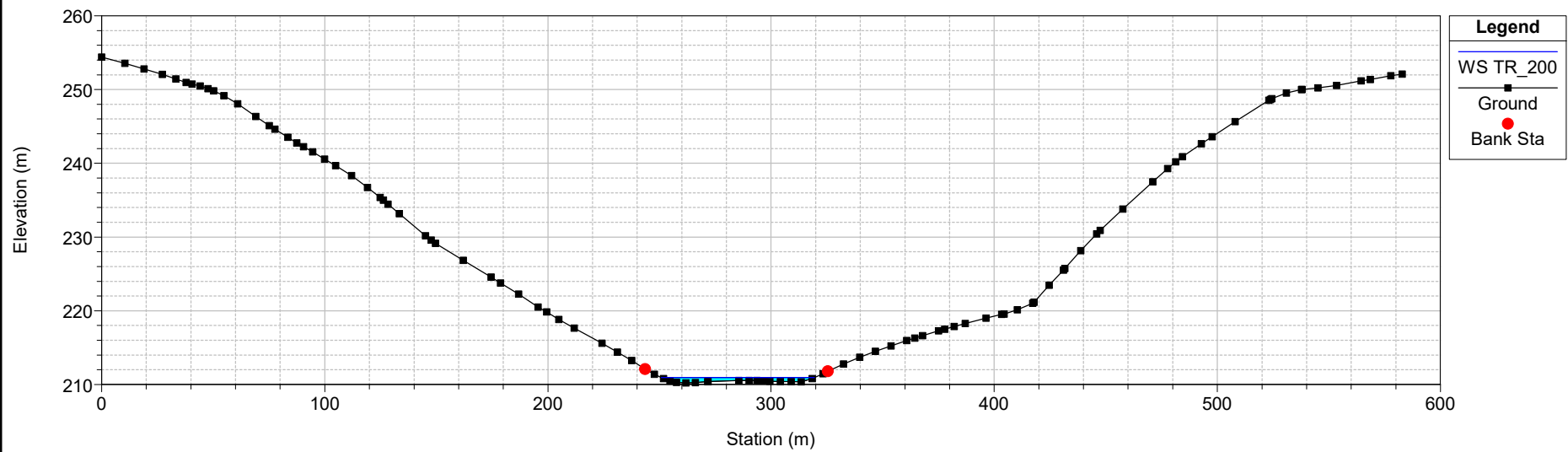
River = Rio Longhiu Reach = Reach 1 RS = 934



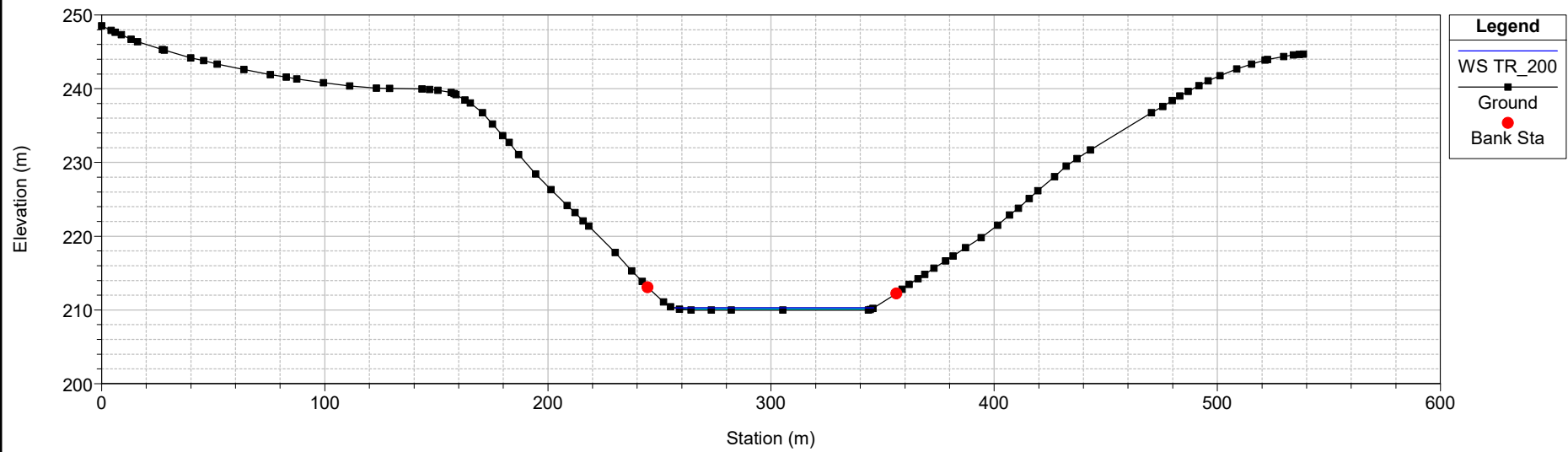
River = Rio Longhiu Reach = Reach 1 RS = 869



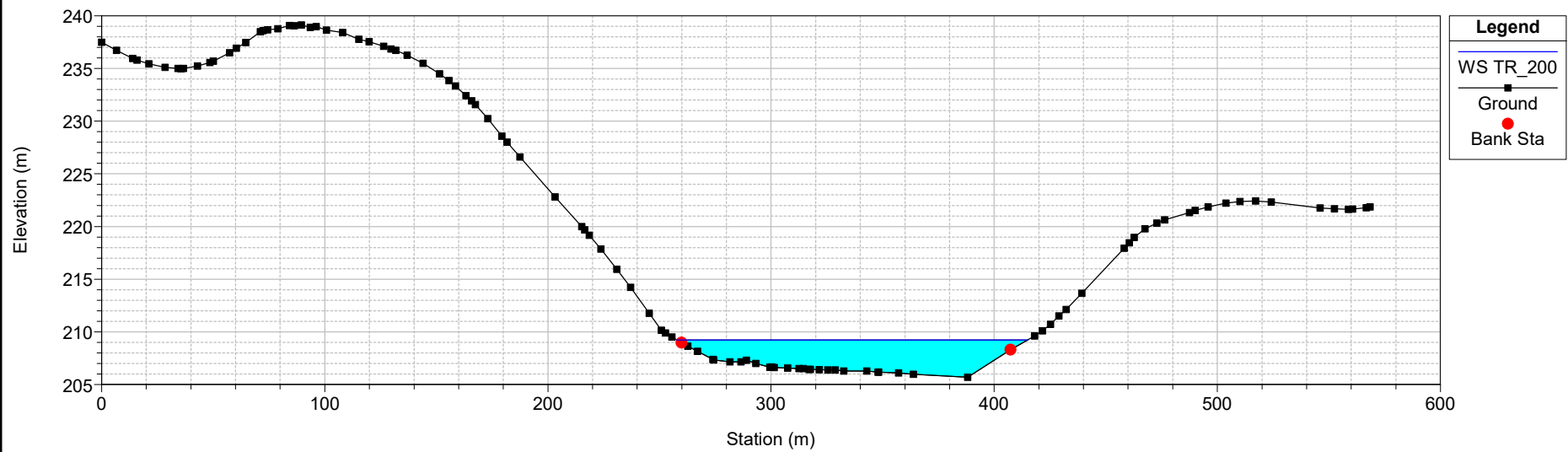
River = Rio Longhiu Reach = Reach 1 RS = 775



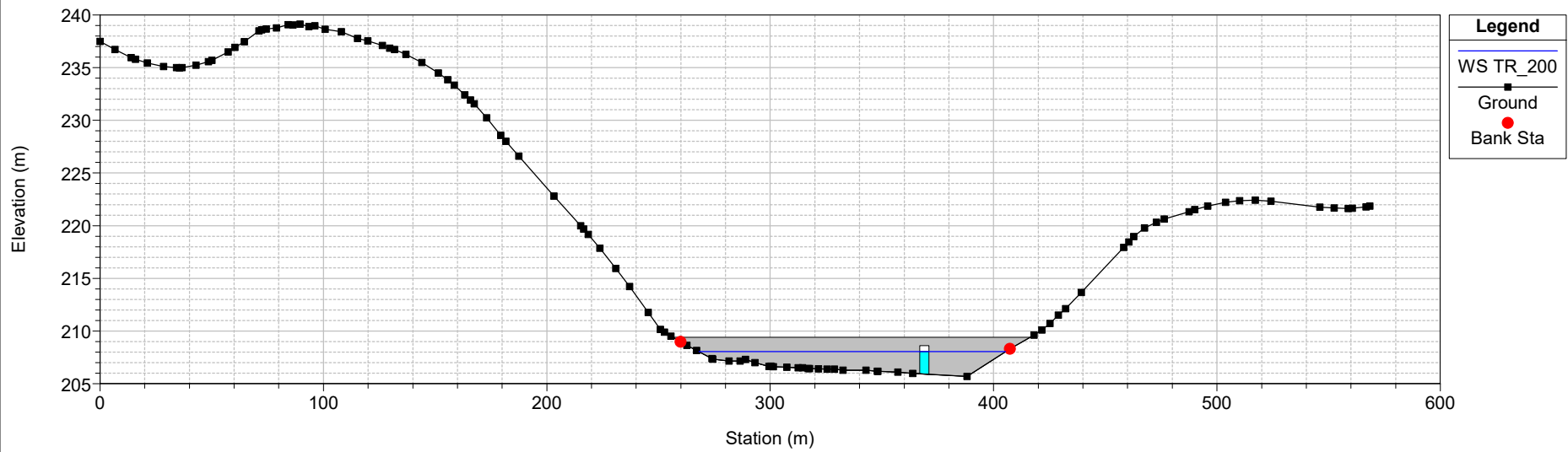
River = Rio Longhiu Reach = Reach 1 RS = 682



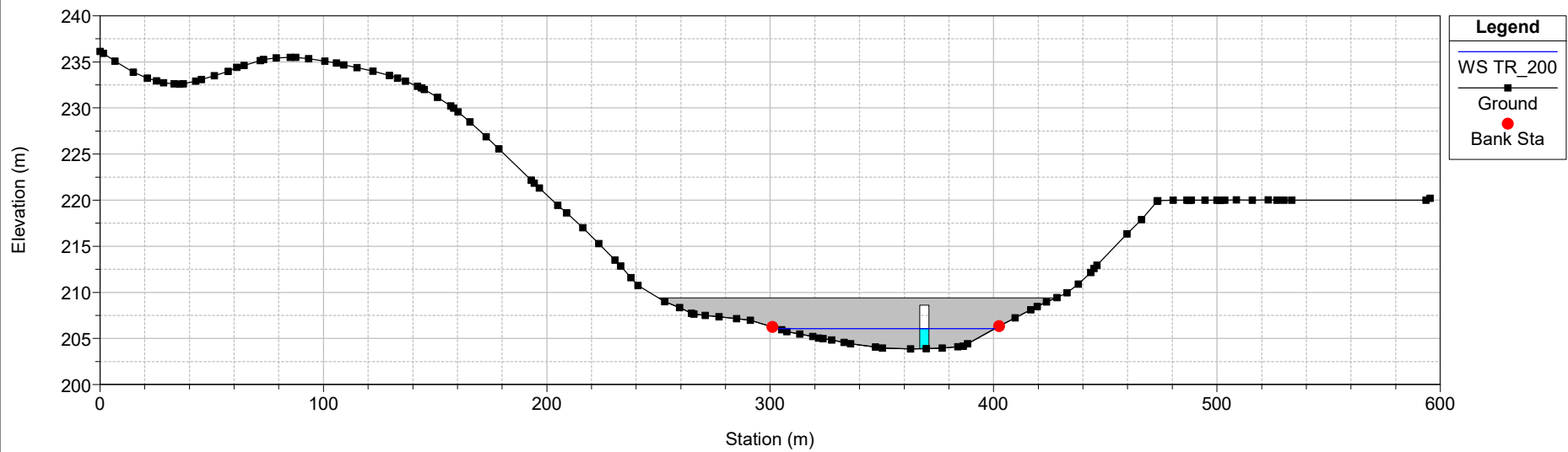
River = Rio Longhiu Reach = Reach 1 RS = 562



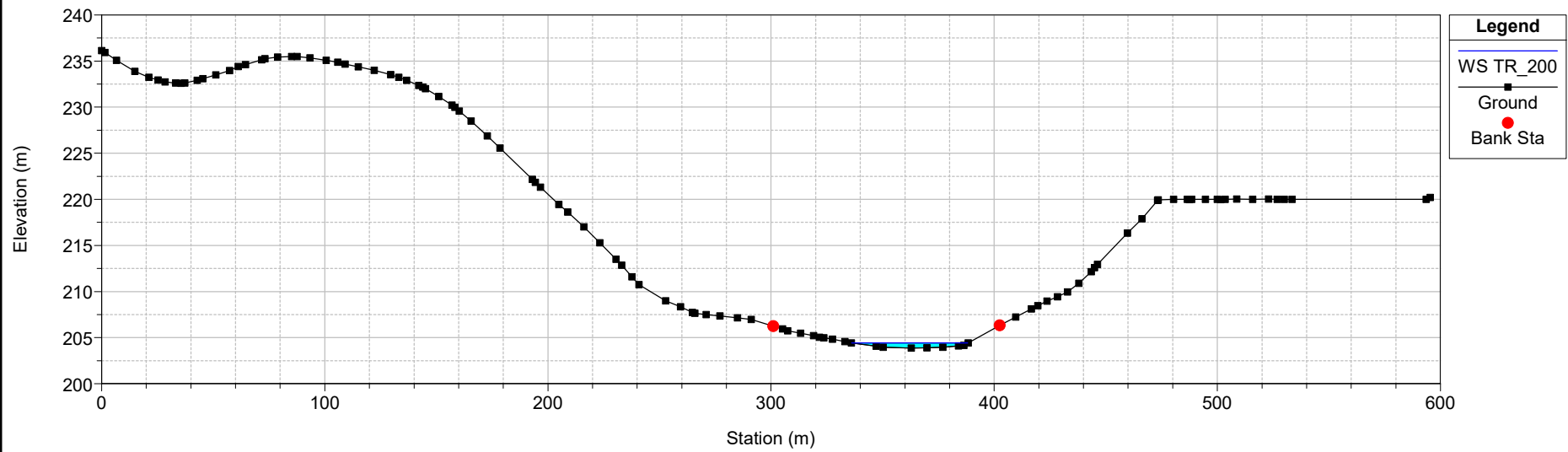
River = Rio Longhiu Reach = Reach 1 RS = 548 BR



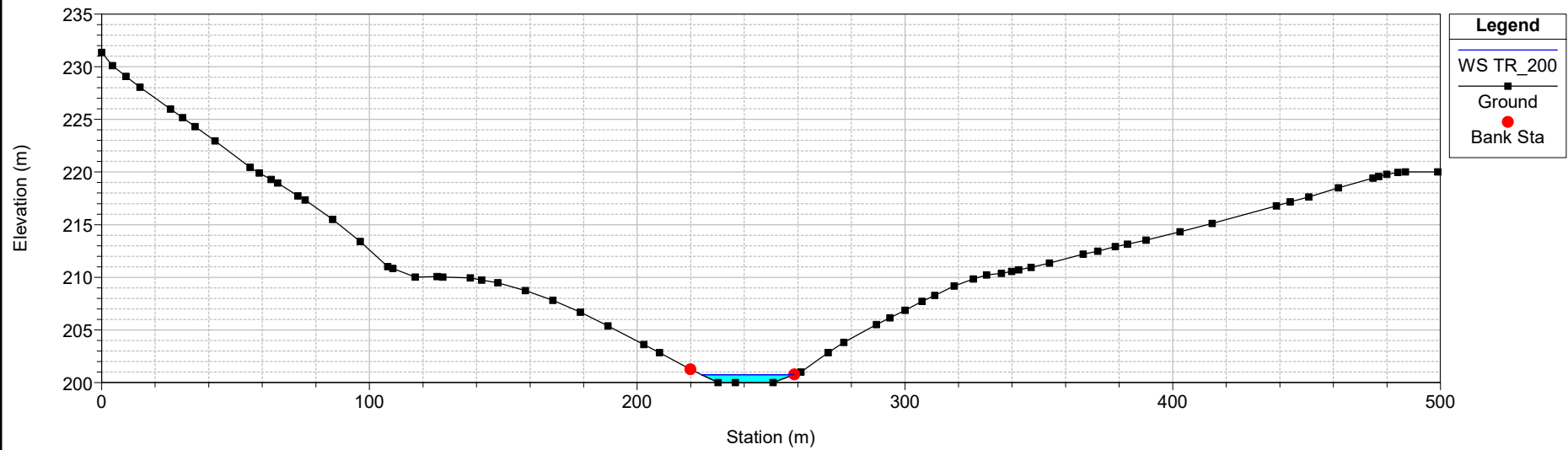
River = Rio Longhiu Reach = Reach 1 RS = 548 BR



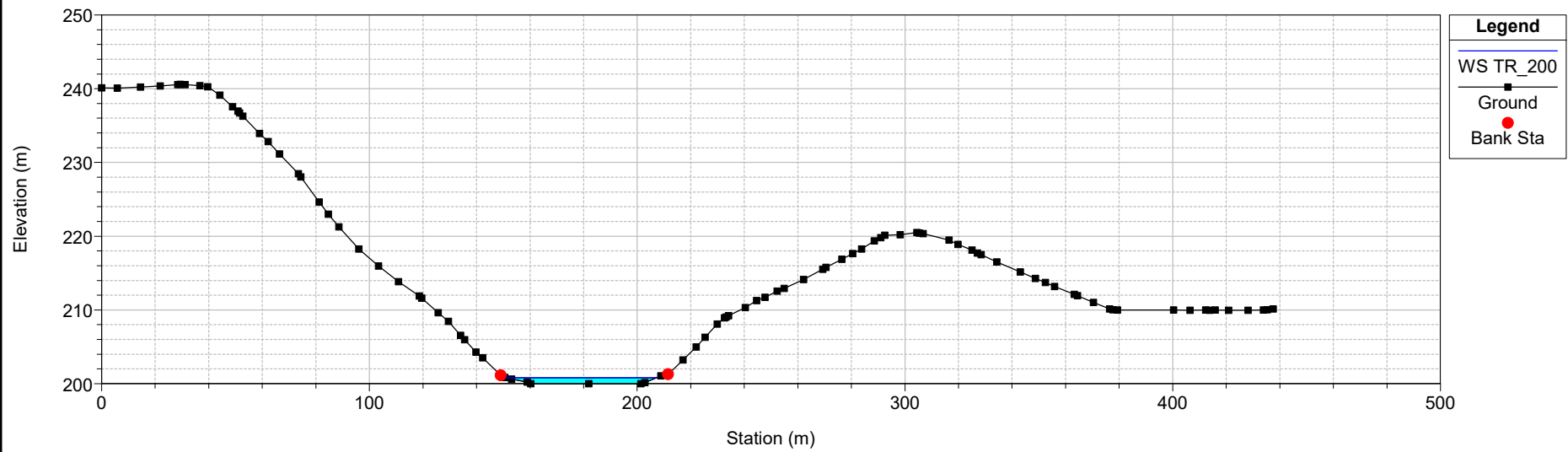
River = Rio Longhiu Reach = Reach 1 RS = 540



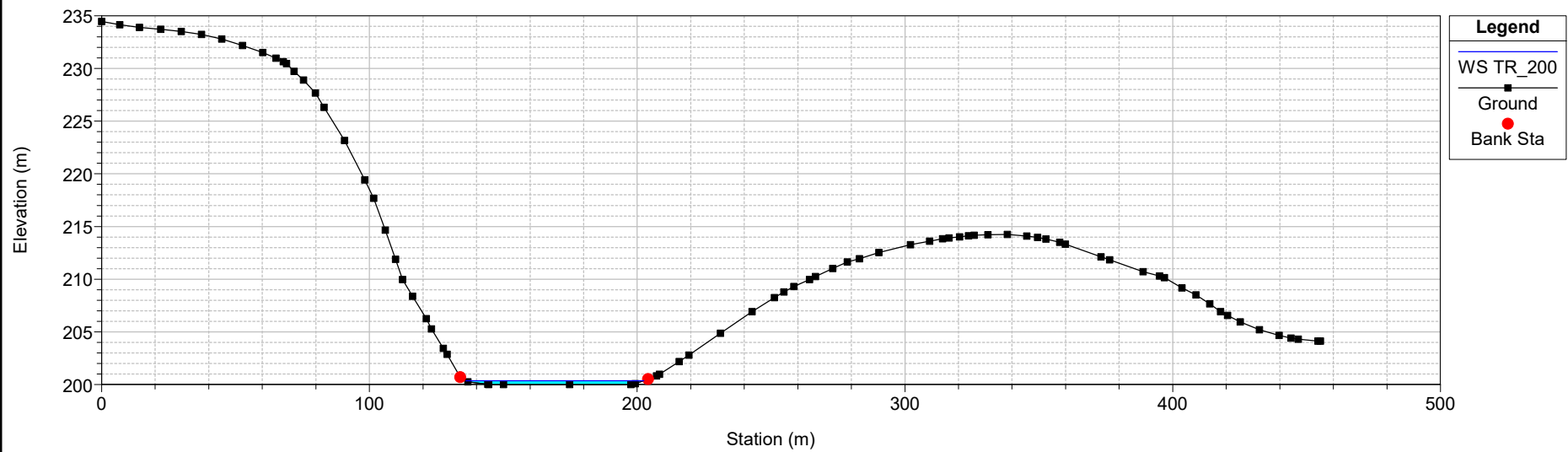
River = Rio Longhiu Reach = Reach 1 RS = 429



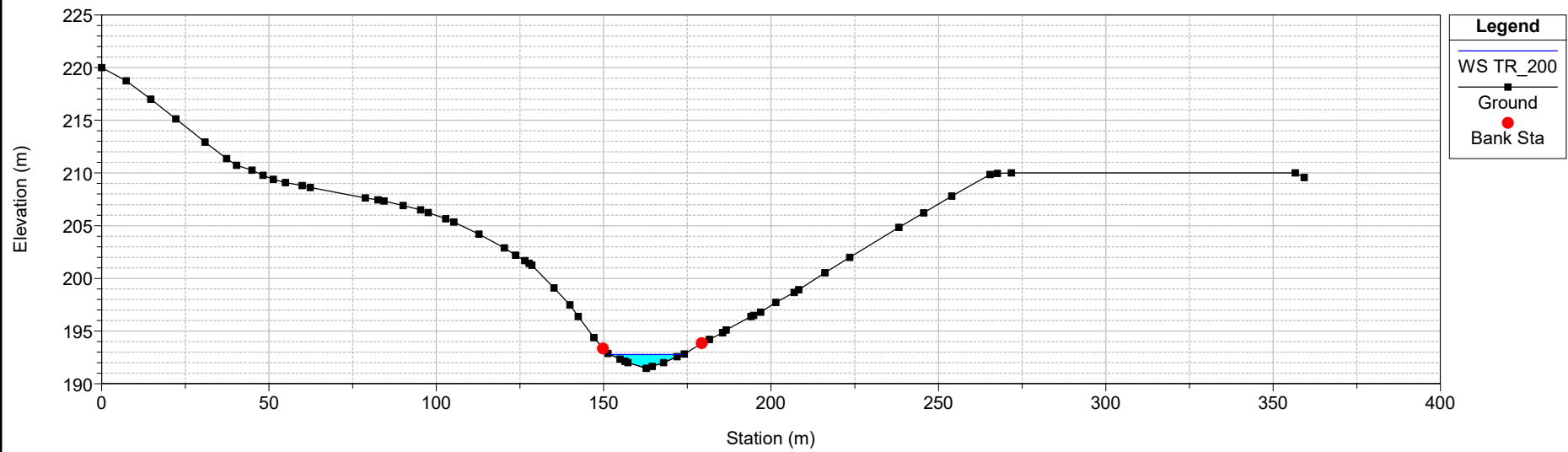
River = Rio Longhiu Reach = Reach 1 RS = 329



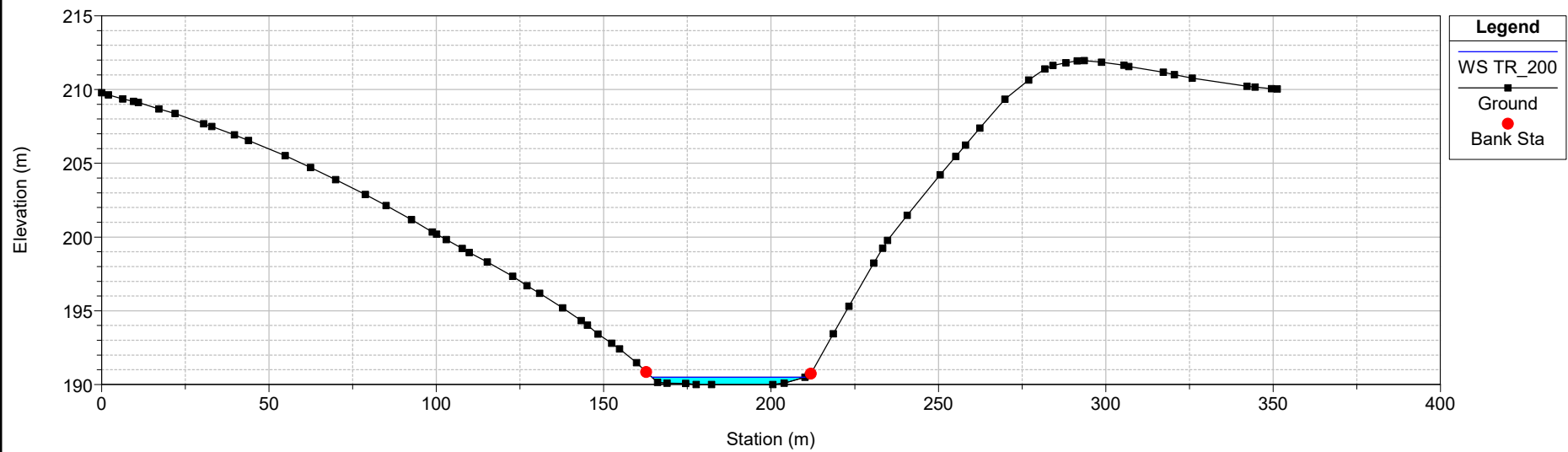
River = Rio Longhiu Reach = Reach 1 RS = 234



River = Rio Longhiu Reach = Reach 1 RS = 146



River = Rio Longhiu Reach = Reach 1 RS = 74



HEC-RAS Plan: SH20 River: Rio Longhiu Reach: Reach 1 Profile: TR_200

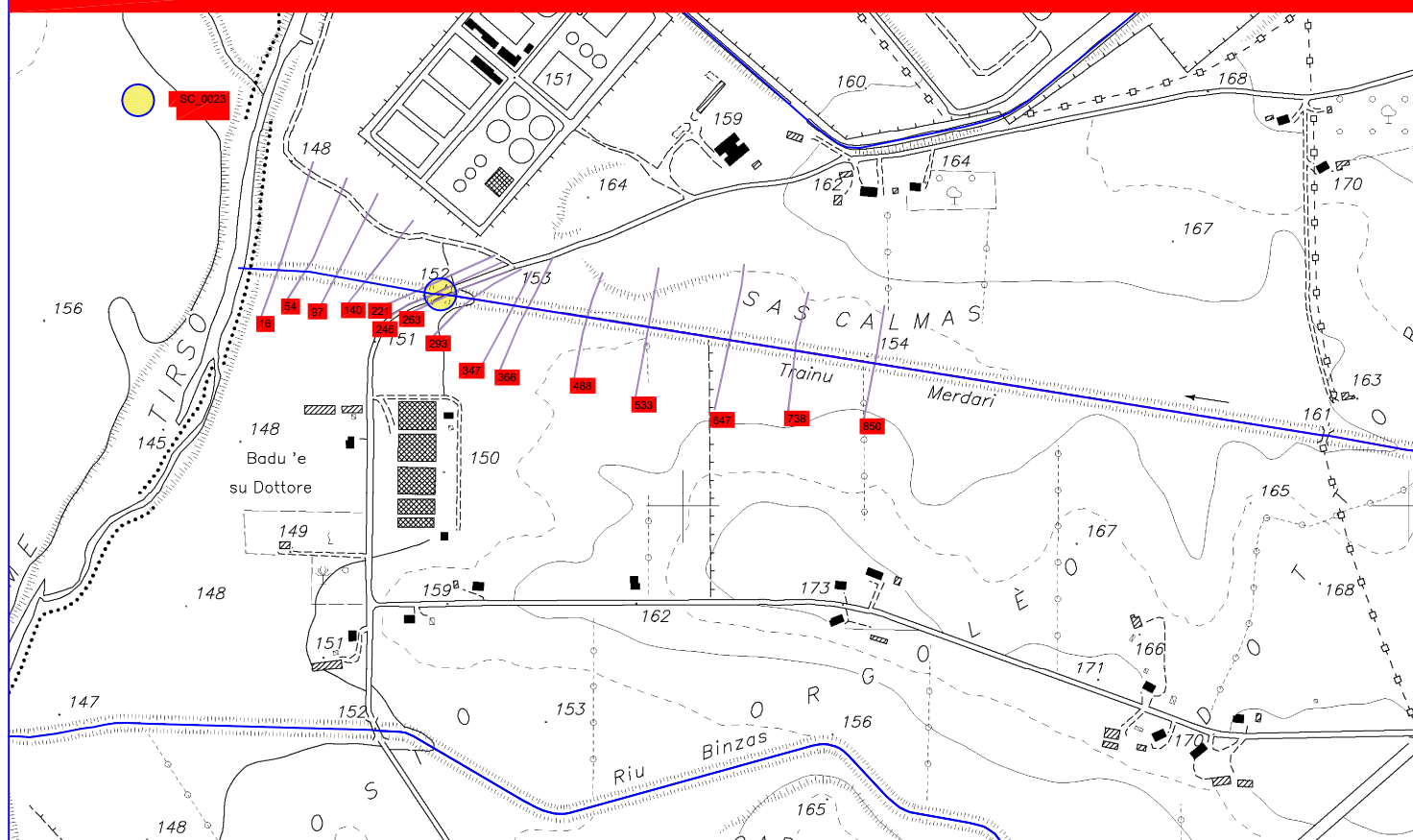
Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
			(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	
Reach 1	1000	TR_200	40.16	210.16	211.19	211.19	211.49	0.010821	2.43	16.55	28.17	1.01
Reach 1	934	TR_200	40.16	210.00	211.18		211.21	0.000581	0.80	50.22	50.82	0.26
Reach 1	869	TR_200	40.16	210.00	211.13		211.16	0.000899	0.88	45.80	55.63	0.31
Reach 1	775	TR_200	40.16	210.23	210.93	210.77	211.01	0.003591	1.22	32.85	68.56	0.56
Reach 1	682	TR_200	40.16	209.99	210.28	210.28	210.42	0.013761	1.65	24.38	89.14	1.01
Reach 1	562	TR_200	40.16	205.70	209.24	206.39	209.24	0.000003	0.10	386.16	157.32	0.02
Reach 1	548		Bridge									
Reach 1	540	TR_200	40.16	203.86	204.41	204.41	204.61	0.012262	1.97	20.36	52.09	1.01
Reach 1	429	TR_200	40.16	200.00	200.75		200.94	0.006616	1.93	20.80	34.51	0.79
Reach 1	329	TR_200	40.16	200.00	200.81		200.86	0.001537	1.03	39.17	56.25	0.39
Reach 1	234	TR_200	40.16	200.00	200.36	200.36	200.53	0.012896	1.82	22.10	66.43	1.01
Reach 1	146	TR_200	40.16	191.46	192.76	192.76	193.12	0.010167	2.64	15.21	21.68	1.01
Reach 1	74	TR_200	40.16	190.00	190.50	190.50	190.72	0.011808	2.05	19.57	45.86	1.00

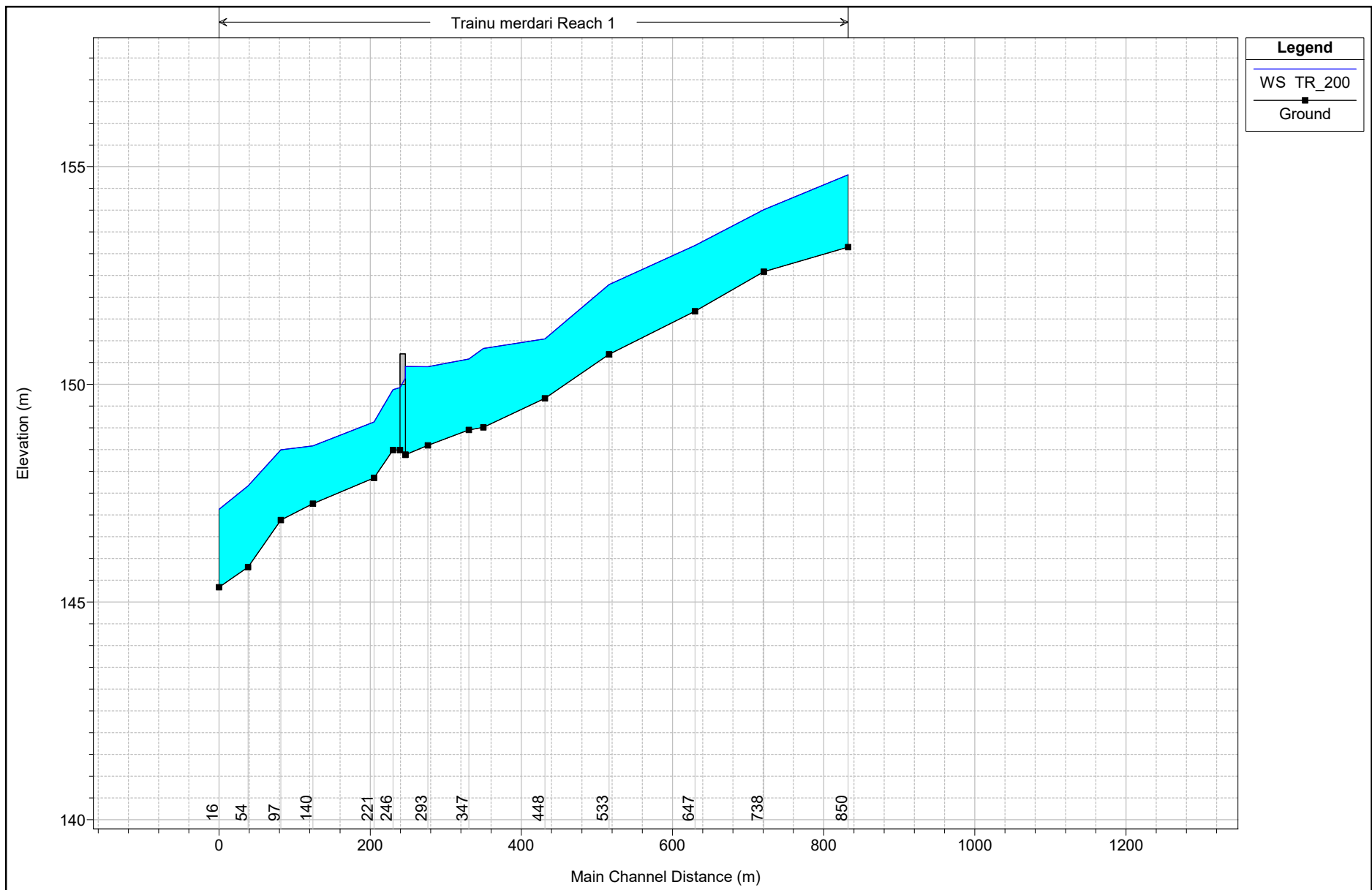
TRAINU MERDARI

ATTRAVERSAMENTO:

- SC 0023

TRAINU MERDARI
SC_0023
COROGRAFIA UBICAZIONE SEZIONI IDRAULICHE

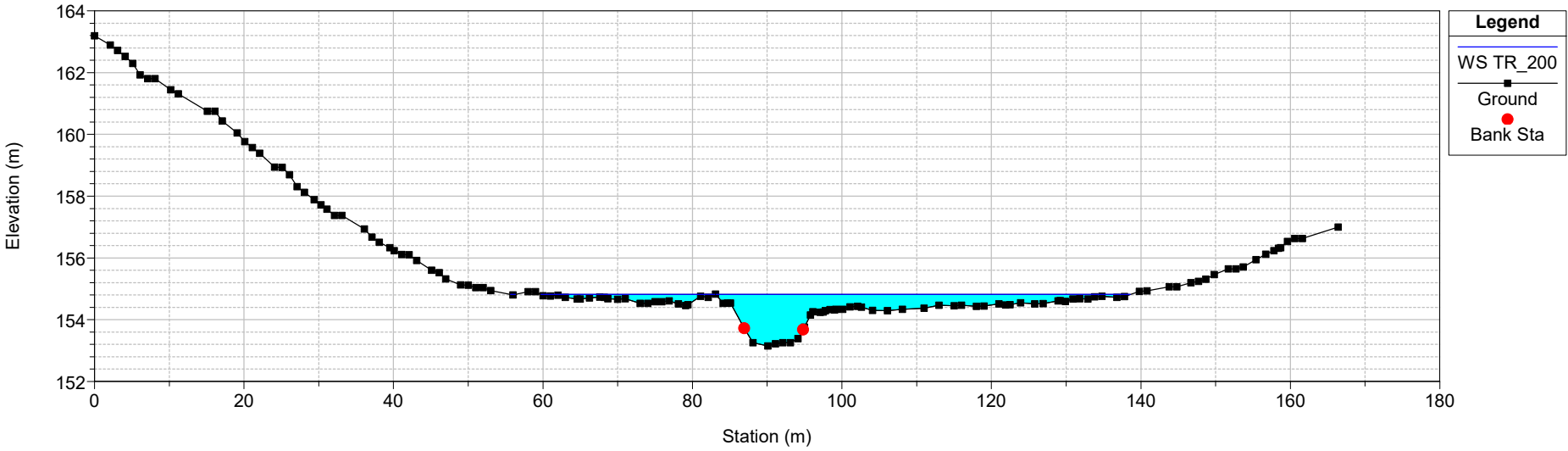




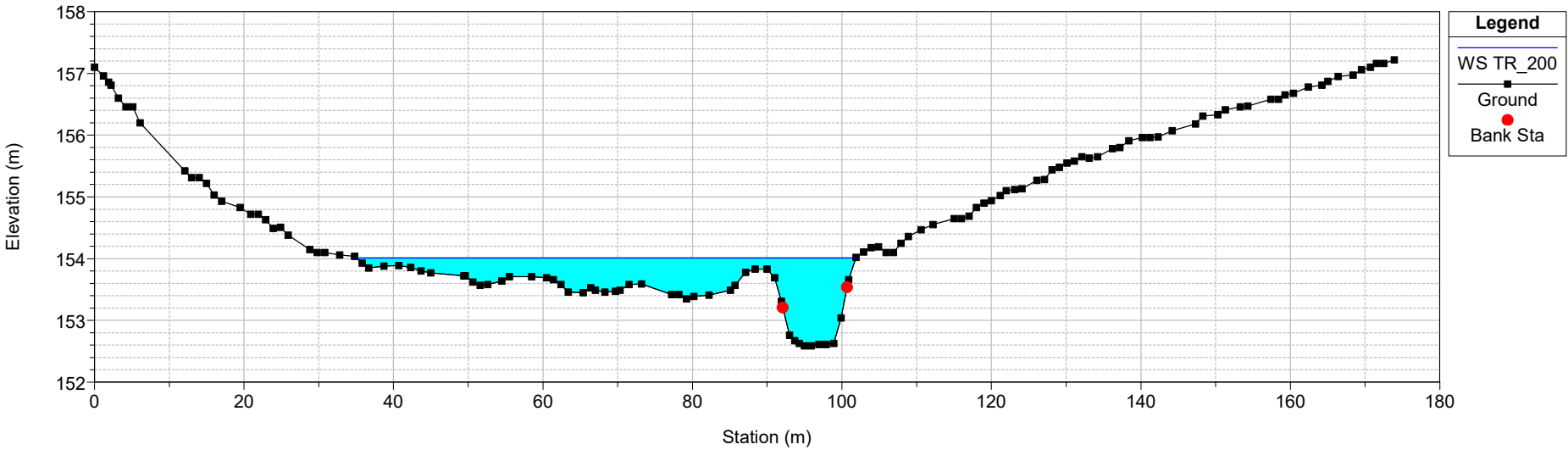
G191_SC_0026

SEZIONI

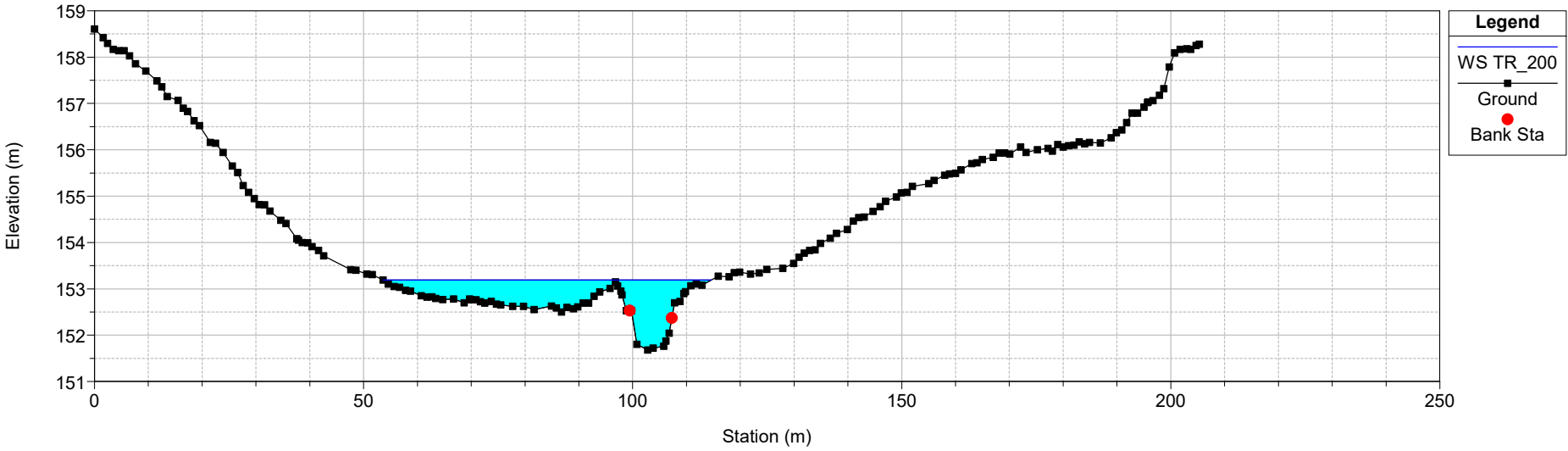
River = Trainu merdari Reach = Reach 1 RS = 850



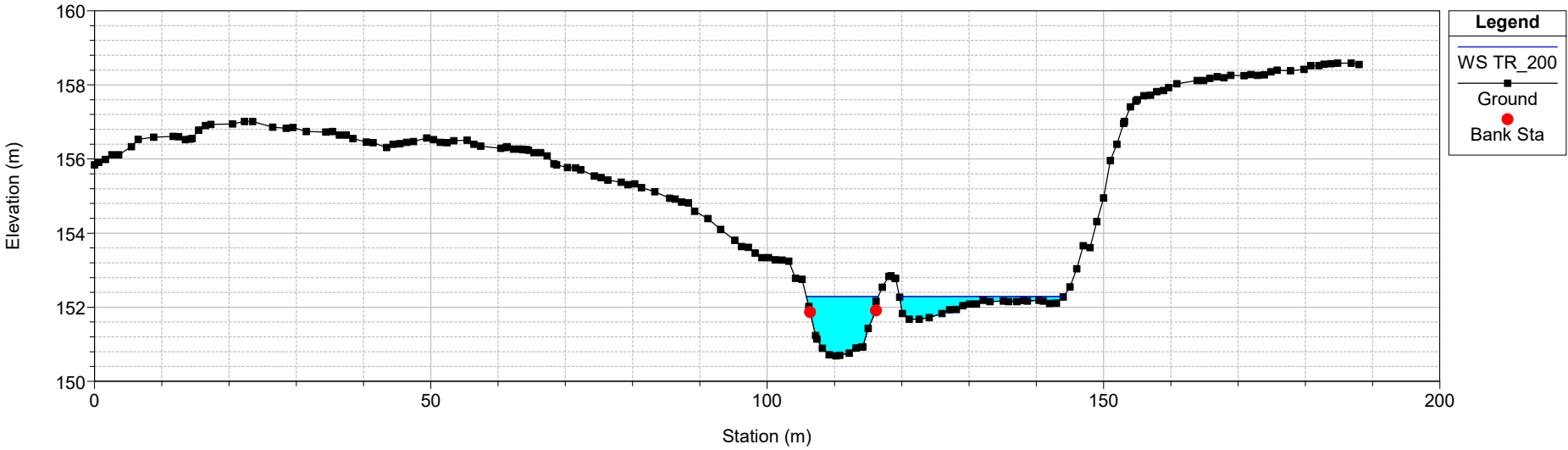
River = Trainu merdari Reach = Reach 1 RS = 738



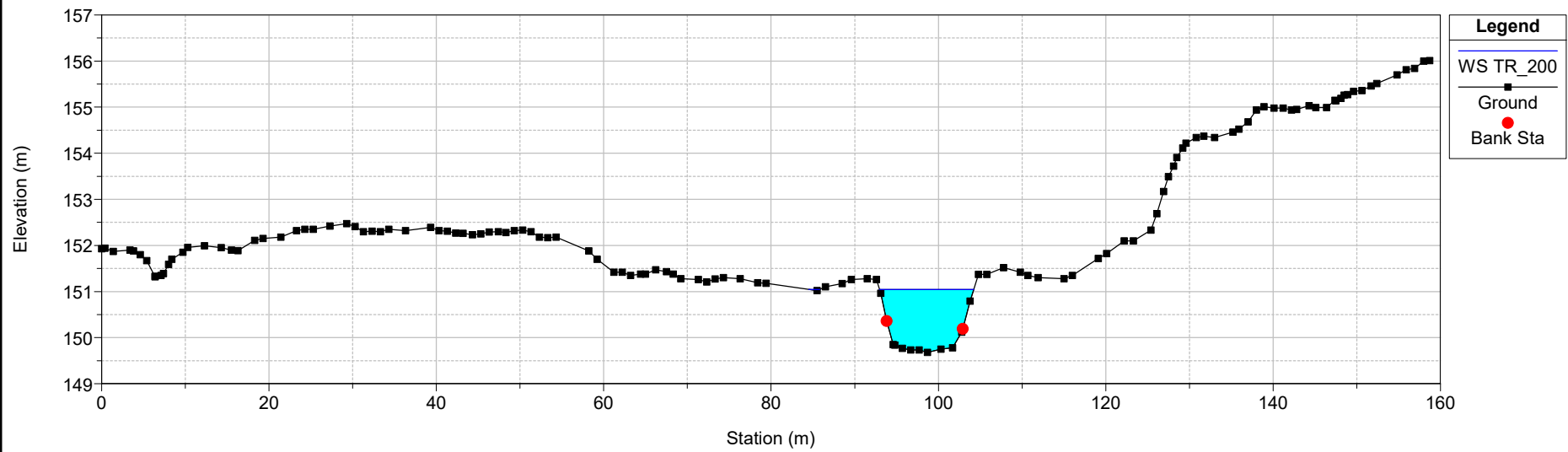
River = Trainu merdari Reach = Reach 1 RS = 647



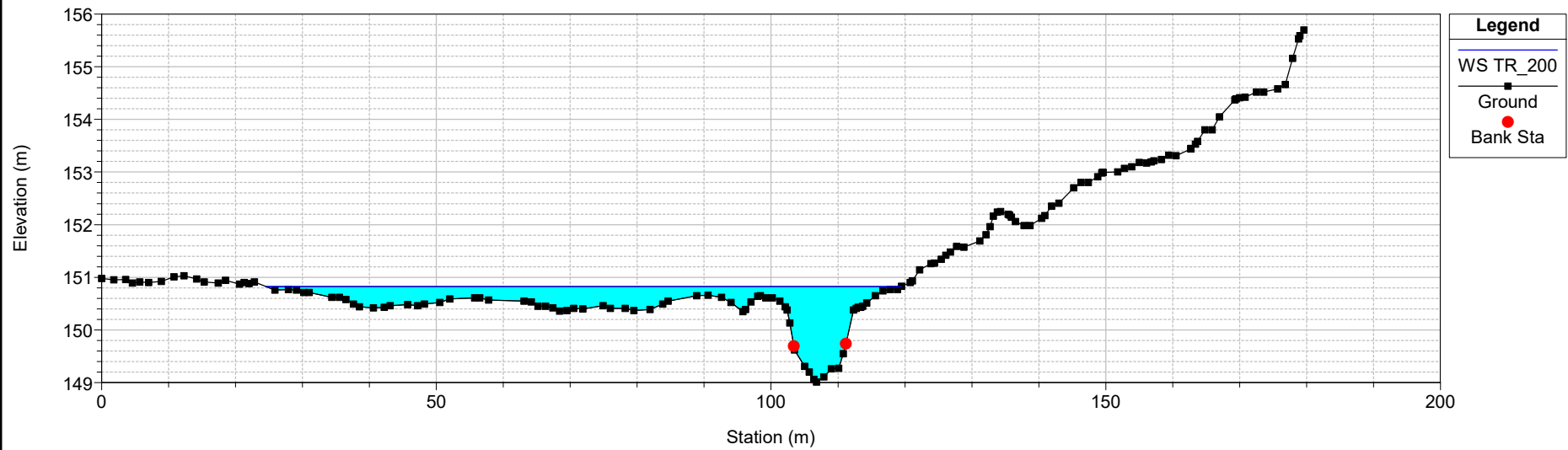
River = Trainu merdari Reach = Reach 1 RS = 533



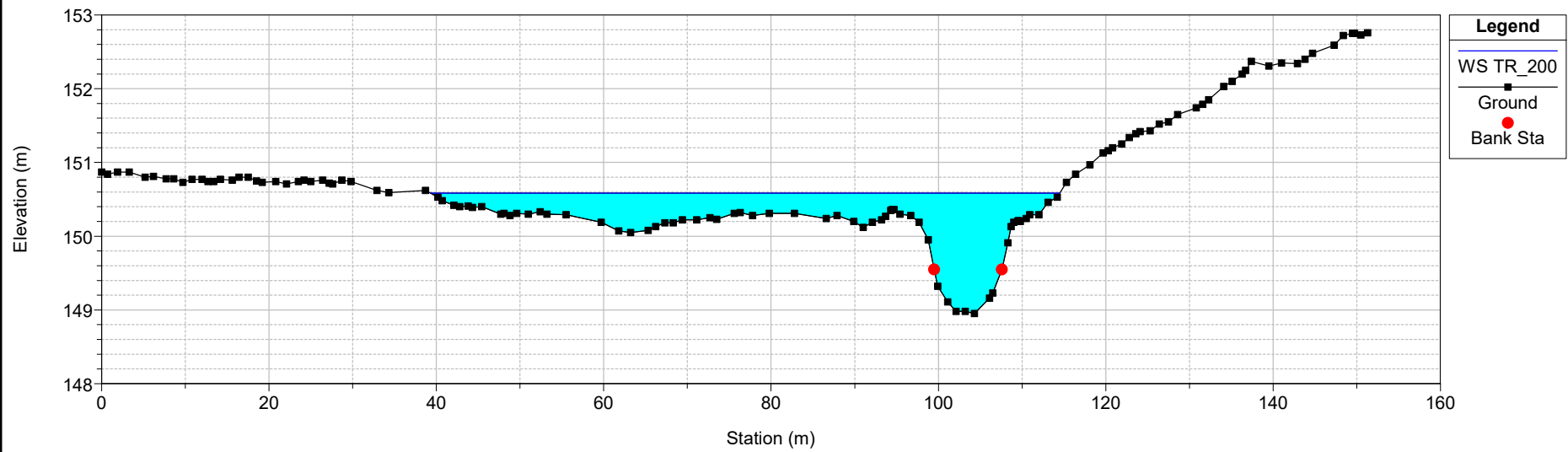
River = Trainu merdari Reach = Reach 1 RS = 448



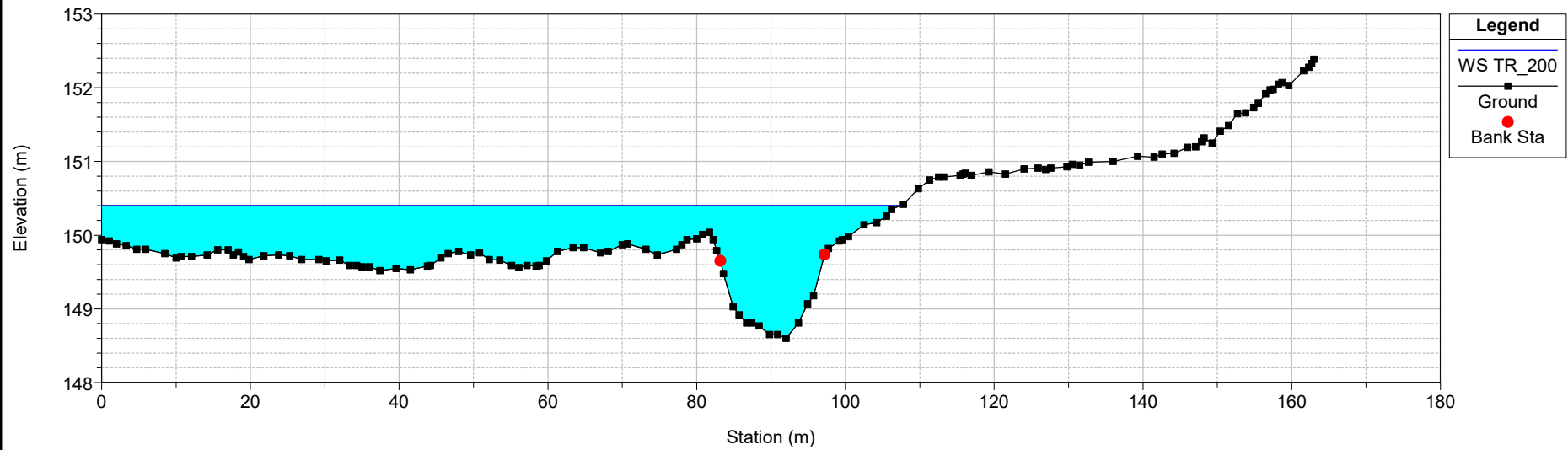
River = Trainu merdari Reach = Reach 1 RS = 366



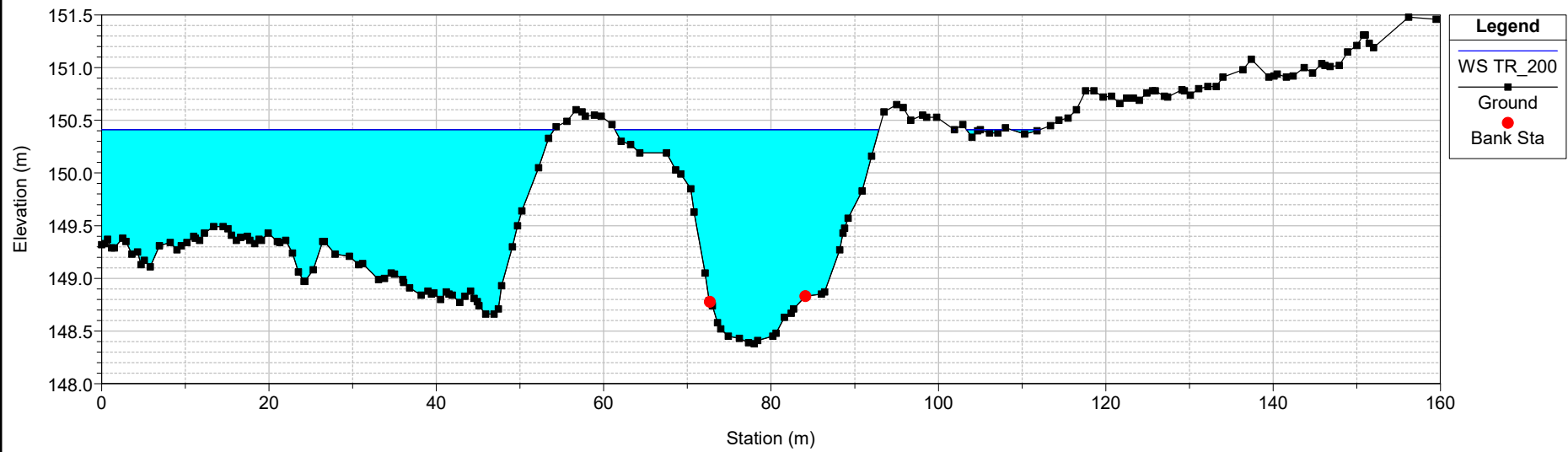
River = Trainu merdari Reach = Reach 1 RS = 347



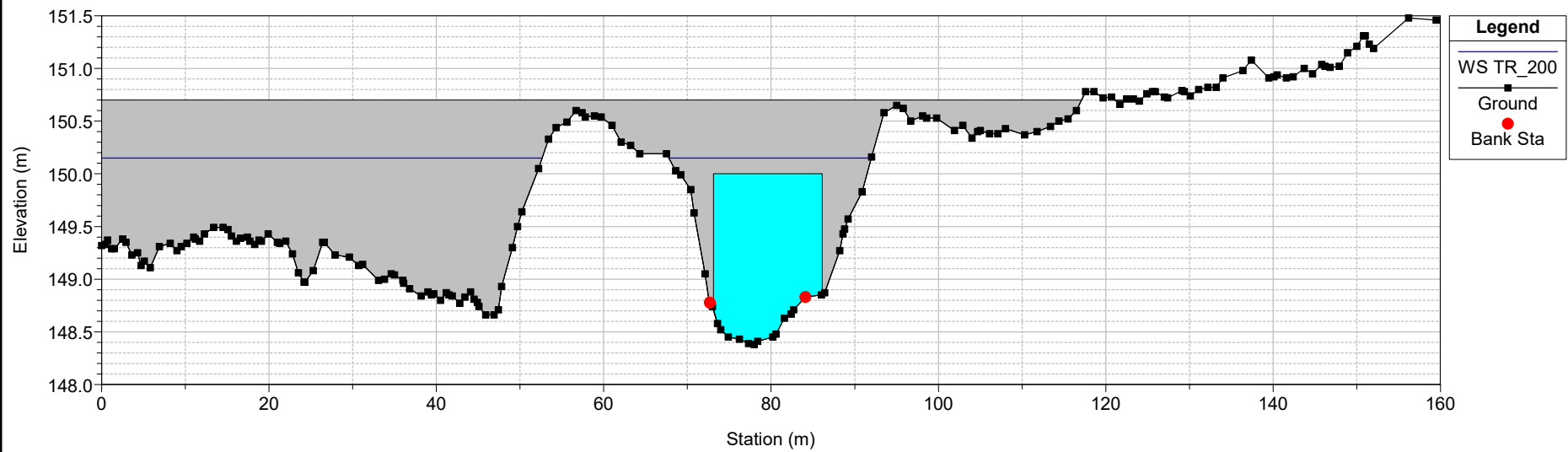
River = Trainu merdari Reach = Reach 1 RS = 293



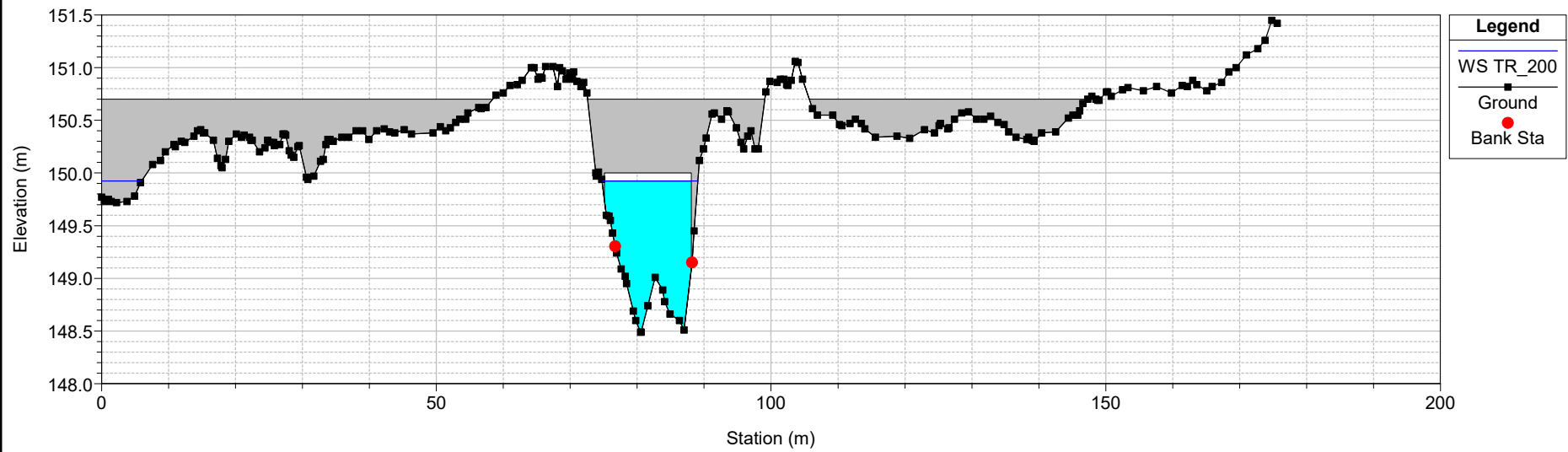
River = Trainu merdari Reach = Reach 1 RS = 263



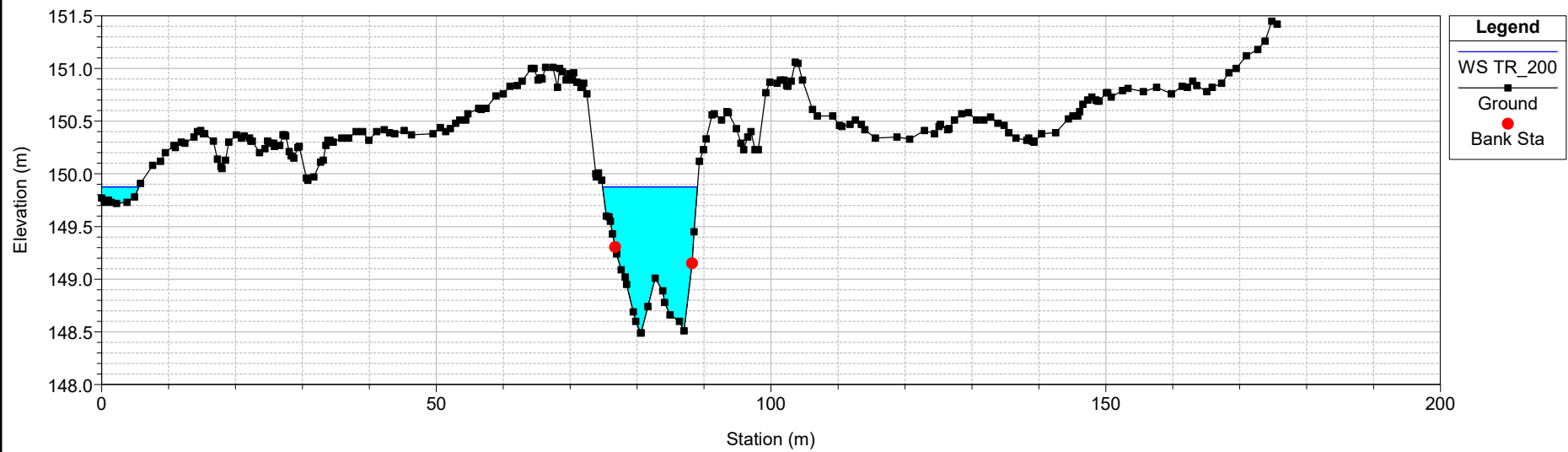
River = Trainu merdari Reach = Reach 1 RS = 262 BR



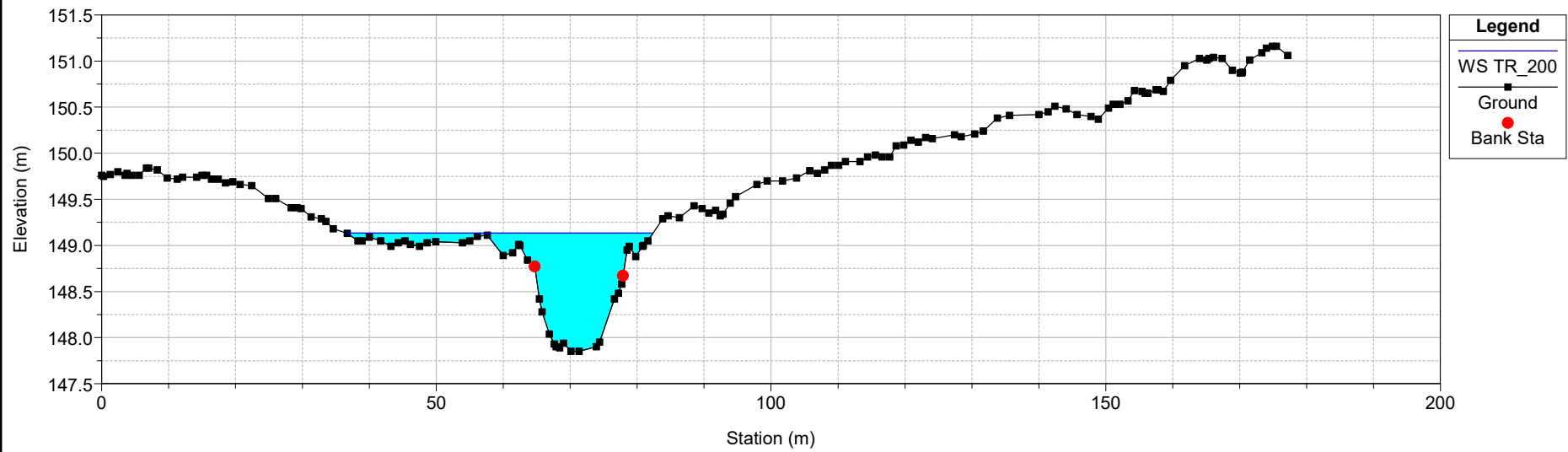
River = Trainu merdari Reach = Reach 1 RS = 262 BR



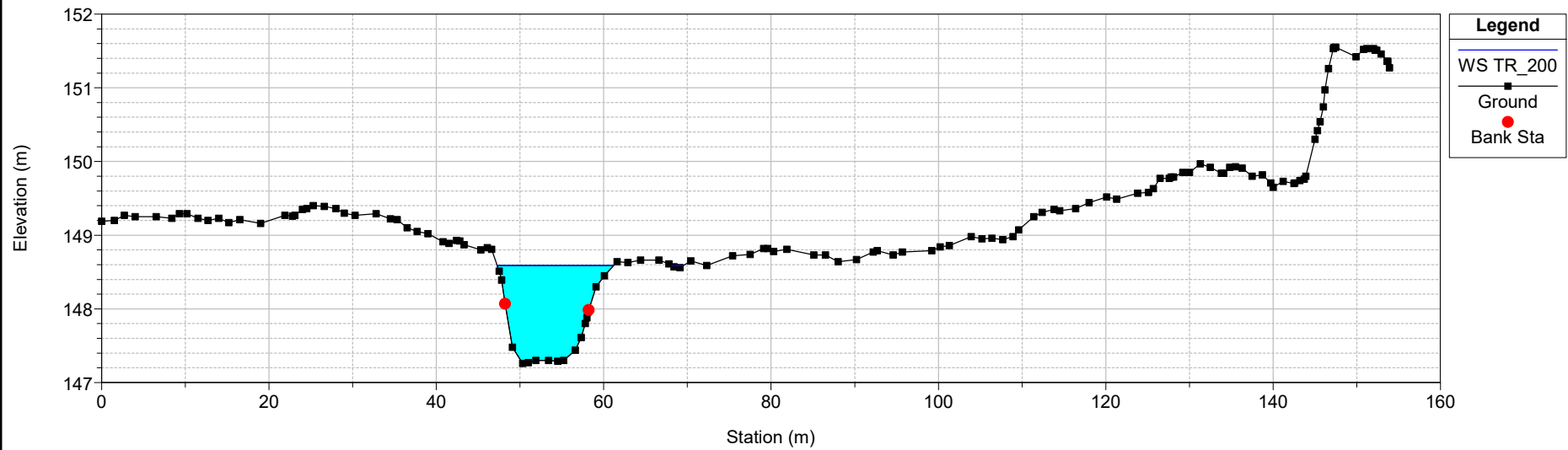
River = Trainu merdari Reach = Reach 1 RS = 246



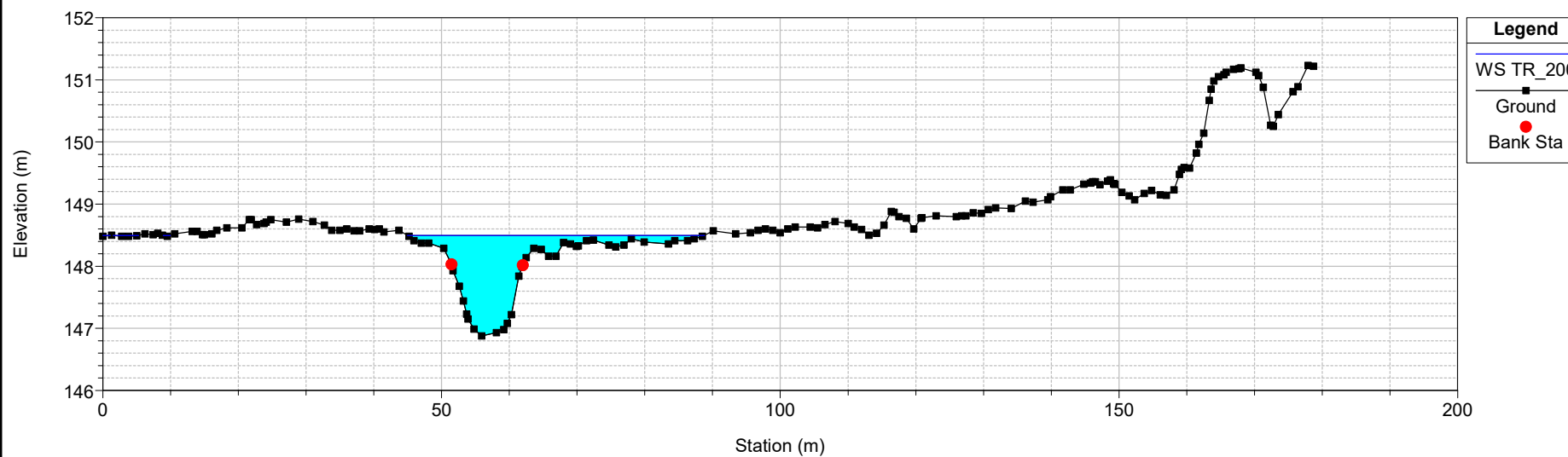
River = Trainu merdari Reach = Reach 1 RS = 221



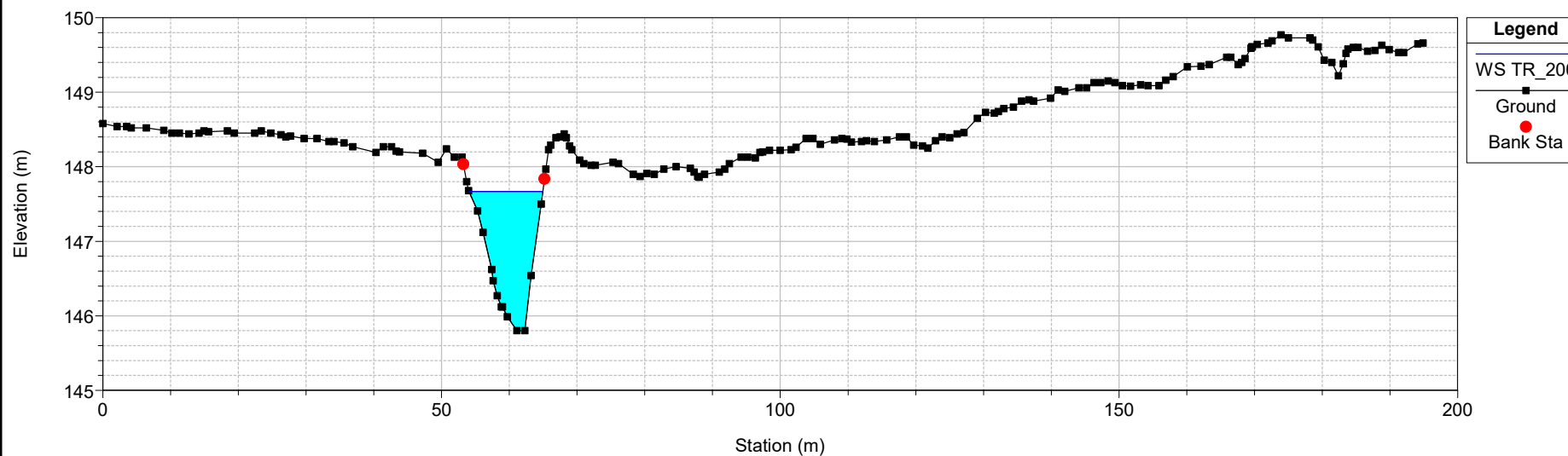
River = Trainu merdari Reach = Reach 1 RS = 140



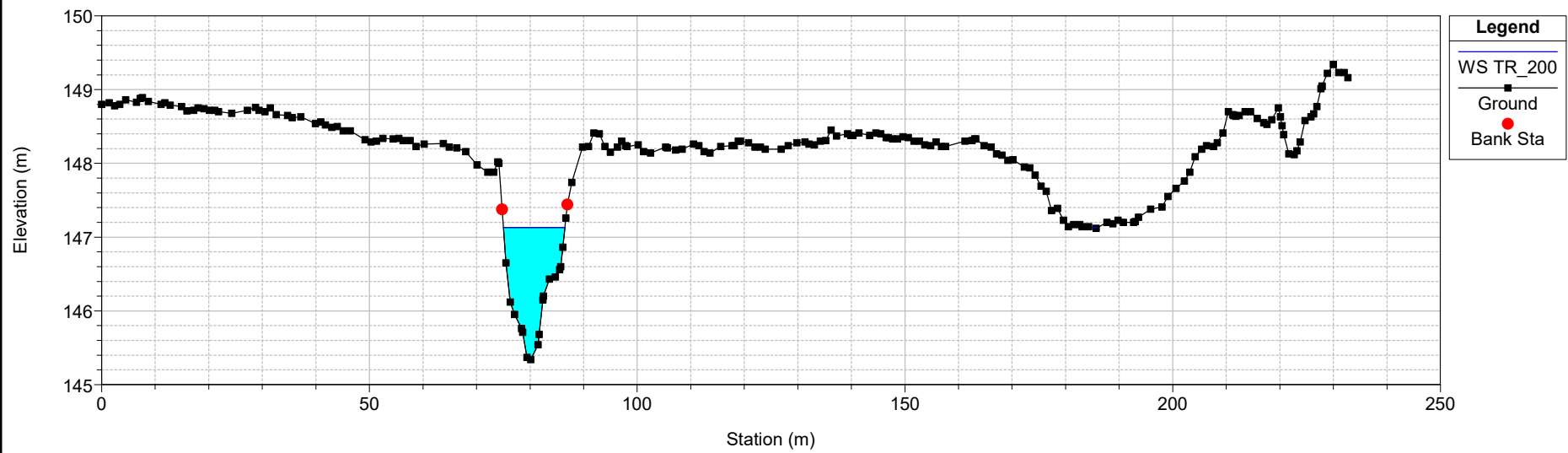
River = Trainu merdari Reach = Reach 1 RS = 97



River = Trainu merdari Reach = Reach 1 RS = 54



River = Trainu merdari Reach = Reach 1 RS = 16



HEC-RAS Plan: Plan p01 River: Trainu merdari Reach: Reach 1 Profile: TR_200

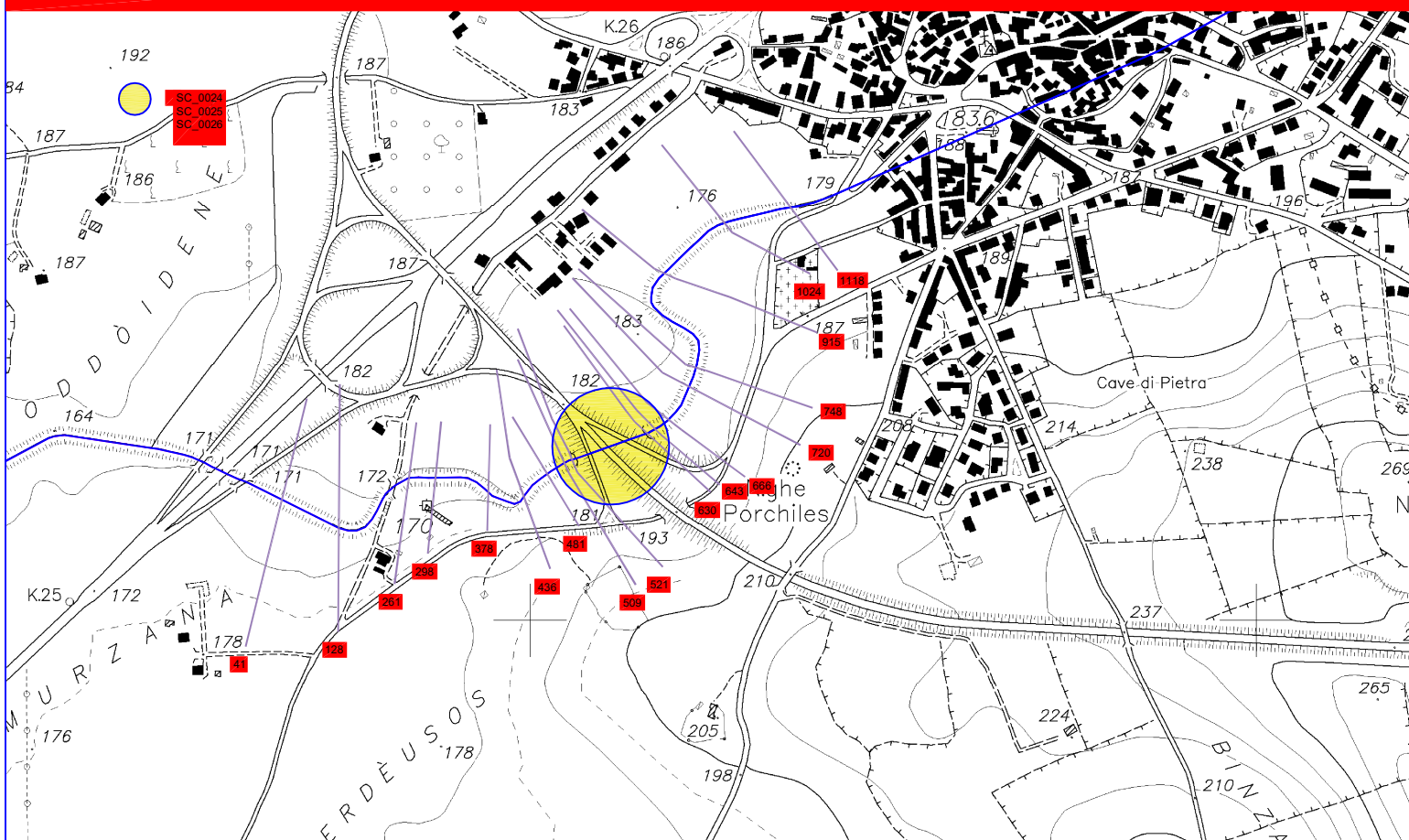
Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
			(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	
Reach 1	850	TR_200	39.10	153.15	154.82	154.82	155.11	0.000939	2.66	32.66	79.35	0.69
Reach 1	738	TR_200	39.10	152.59	154.01	154.01	154.29	0.001228	2.67	32.90	66.84	0.76
Reach 1	647	TR_200	39.10	151.68	153.19	153.19	153.48	0.001283	2.78	31.54	61.01	0.77
Reach 1	533	TR_200	39.10	150.69	152.29	152.29	152.69	0.001480	2.91	19.27	35.04	0.82
Reach 1	448	TR_200	39.10	149.68	151.05	151.05	151.64	0.002052	3.43	12.13	12.64	0.98
Reach 1	366	TR_200	39.10	149.01	150.83	150.83	151.09	0.000842	2.55	37.84	94.93	0.65
Reach 1	347	TR_200	39.10	148.95	150.58	150.58	150.86	0.000961	2.62	33.87	75.19	0.69
Reach 1	293	TR_200	39.10	148.60	150.40		150.45	0.000188	1.16	79.75	107.38	0.31
Reach 1	263	TR_200	39.10	148.38	150.41	149.51	150.44	0.000086	0.94	99.56	93.44	0.22
Reach 1	262		Bridge									
Reach 1	246	TR_200	39.10	148.49	149.88	149.88	150.36	0.002022	3.09	14.00	19.73	0.95
Reach 1	221	TR_200	39.10	147.85	149.13	149.13	149.50	0.001595	2.73	17.95	45.78	0.85
Reach 1	140	TR_200	39.10	147.26	148.59	148.59	149.14	0.002065	3.30	12.64	15.33	0.97
Reach 1	97	TR_200	39.10	146.88	148.50	148.50	148.90	0.001399	2.84	18.38	49.68	0.81
Reach 1	54	TR_200	39.10	145.80	147.67	147.67	148.22	0.002385	3.28	11.92	10.90	1.00
Reach 1	16	TR_200	39.10	145.34	147.13	147.13	147.66	0.002407	3.23	12.11	12.32	1.00

TRAINU MERDARI

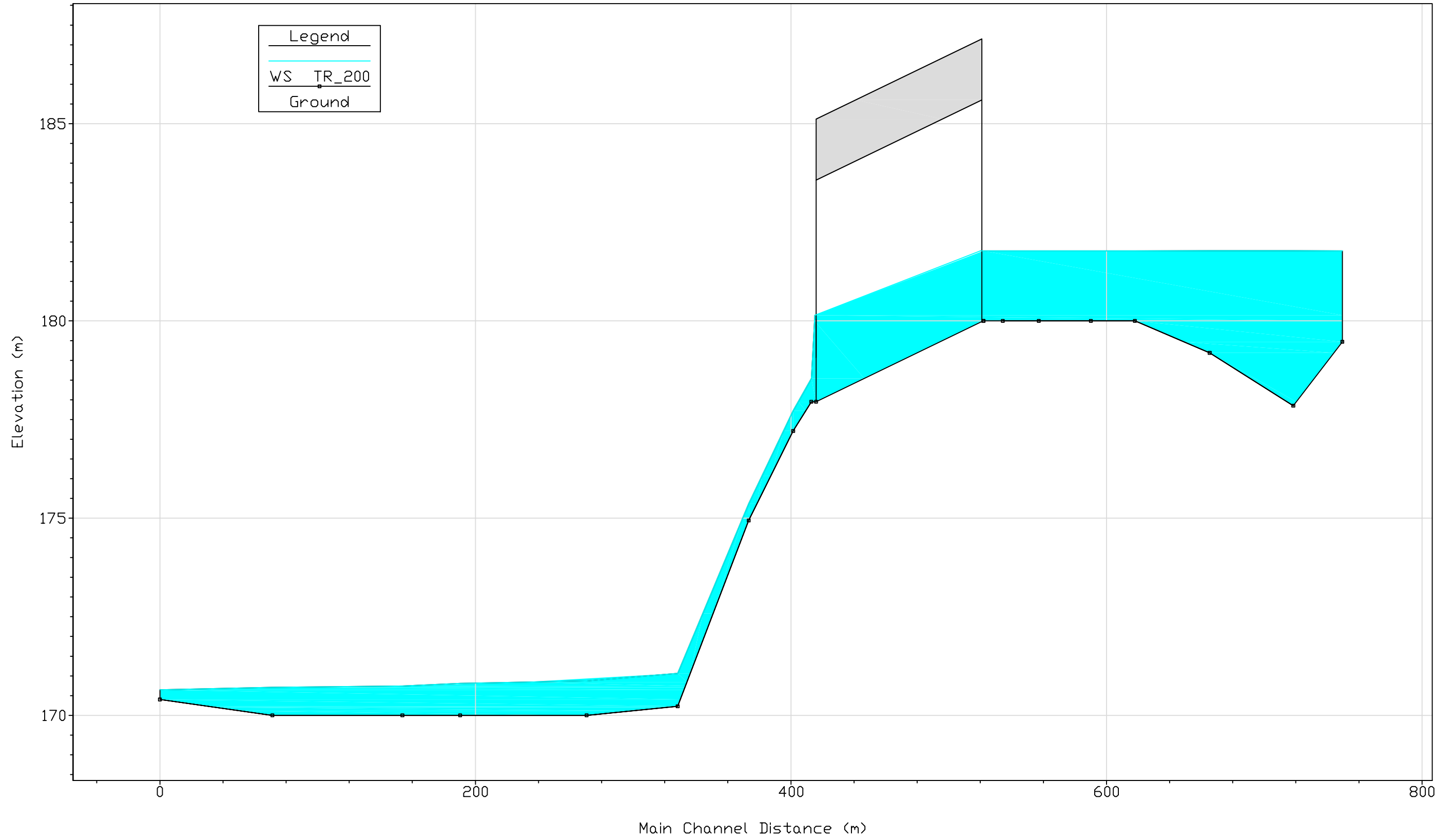
ATTRAVERSAMENTO:

- SC 0024- SC 0025 - SC 0026

TRAINU MERDARI
SC_0024 - SC_0025 - SC_0026
COROGRAFIA UBICAZIONE SEZIONI IDRAULUCHE

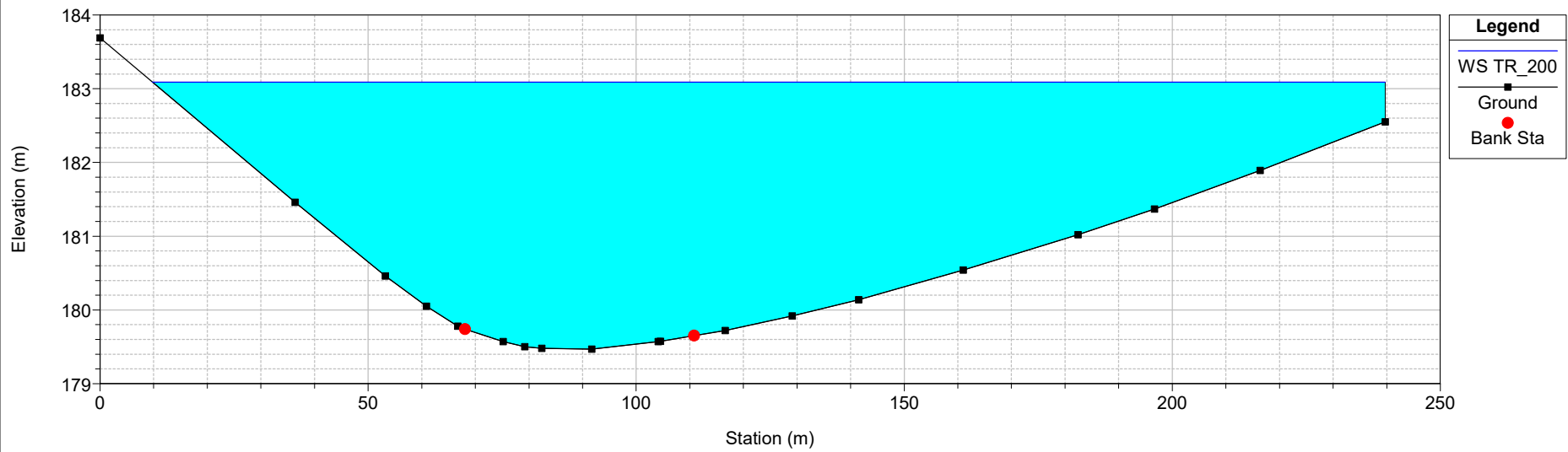


TRAINU MERDARI SC_0024-0025-0026

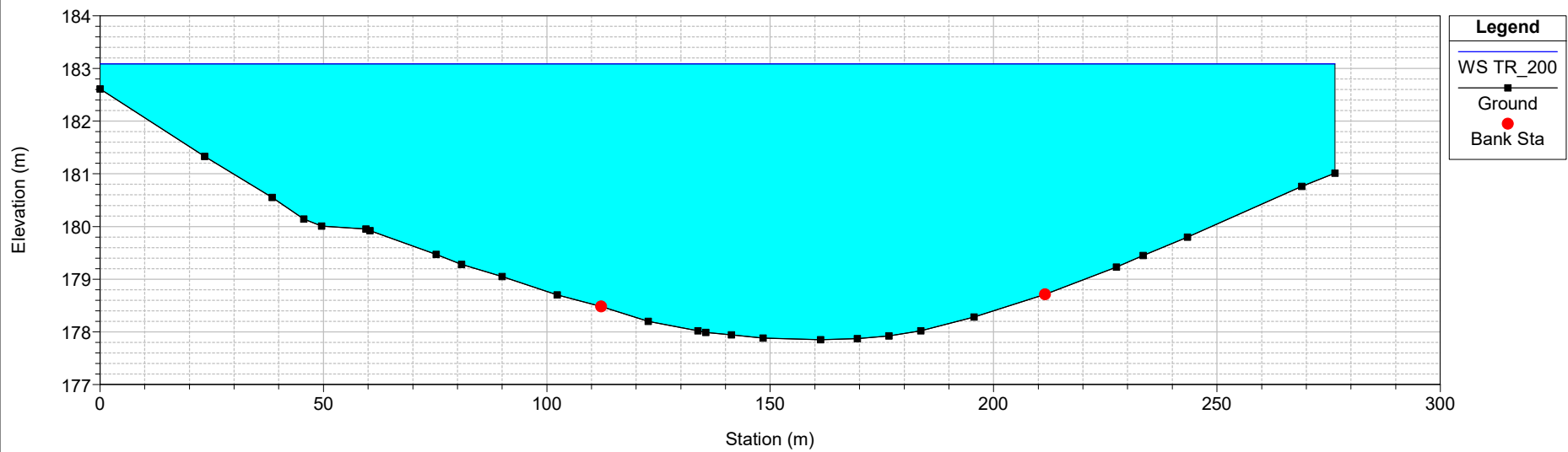


G191_SC_0024-25-26

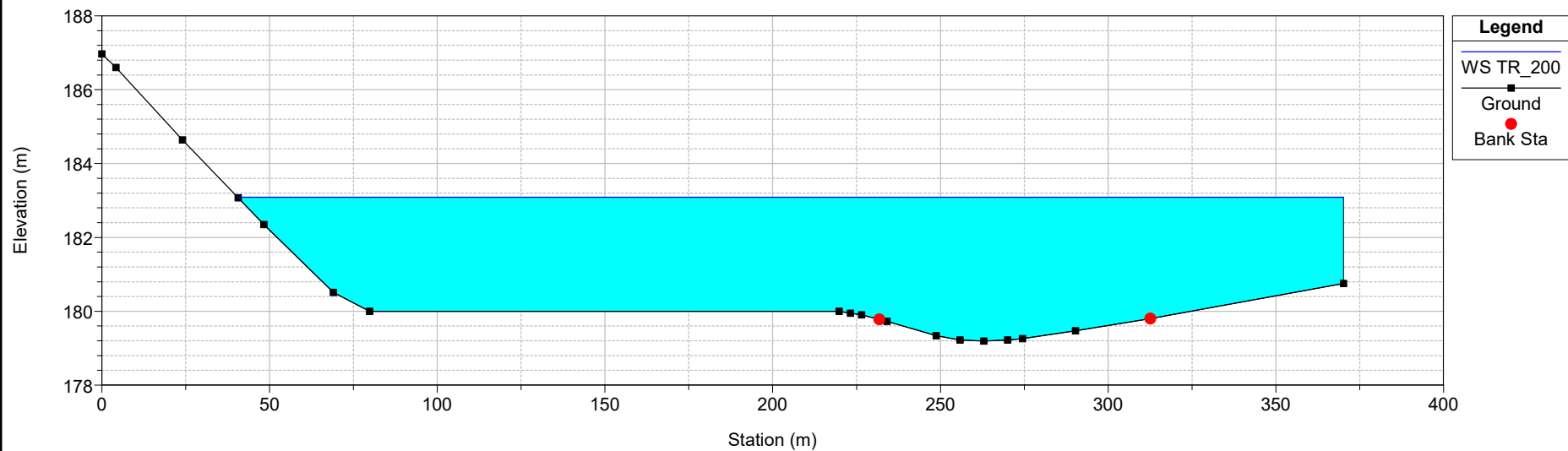
River = River 25 e 26 Reach = Reach 1 RS = 1118



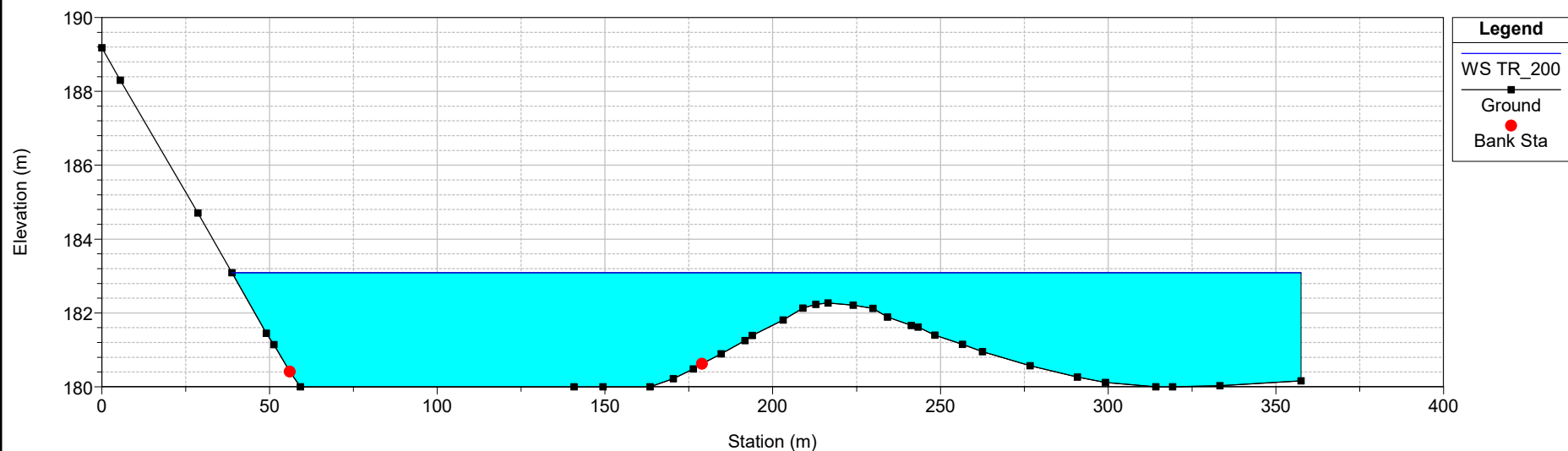
River = River 25 e 26 Reach = Reach 1 RS = 1024



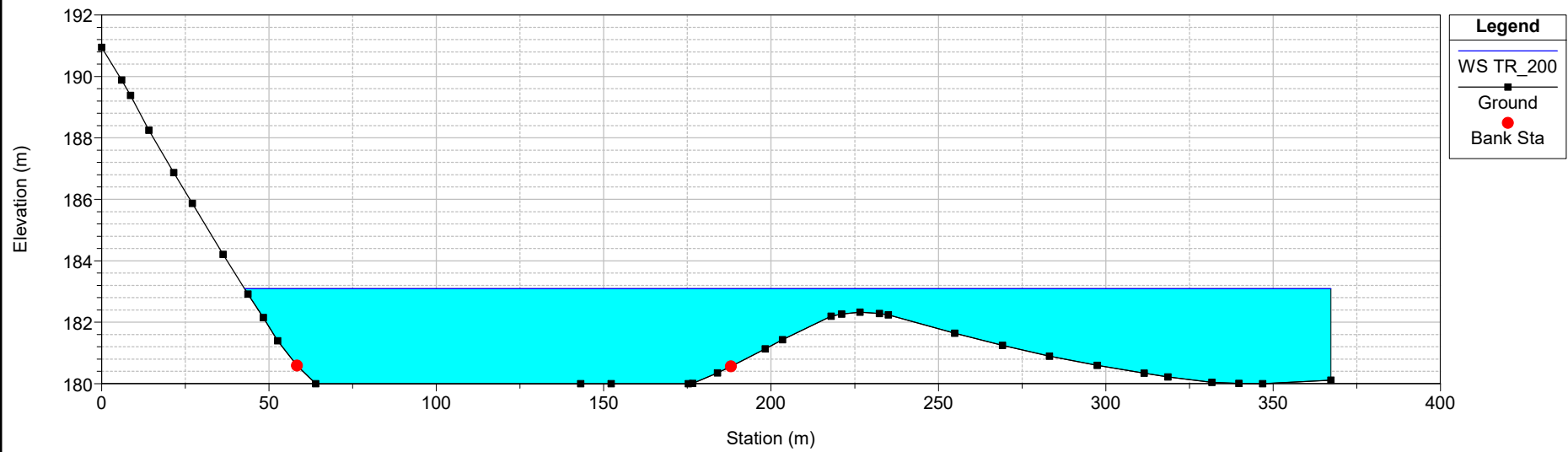
River = River 25 e 26 Reach = Reach 1 RS = 915



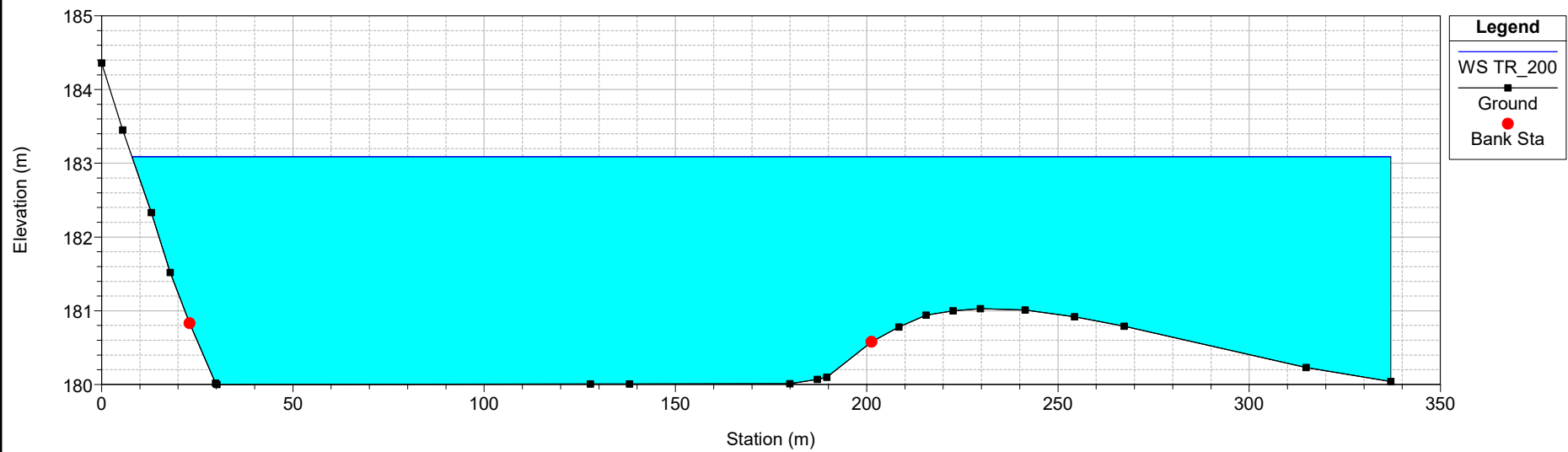
River = River 25 e 26 Reach = Reach 1 RS = 748



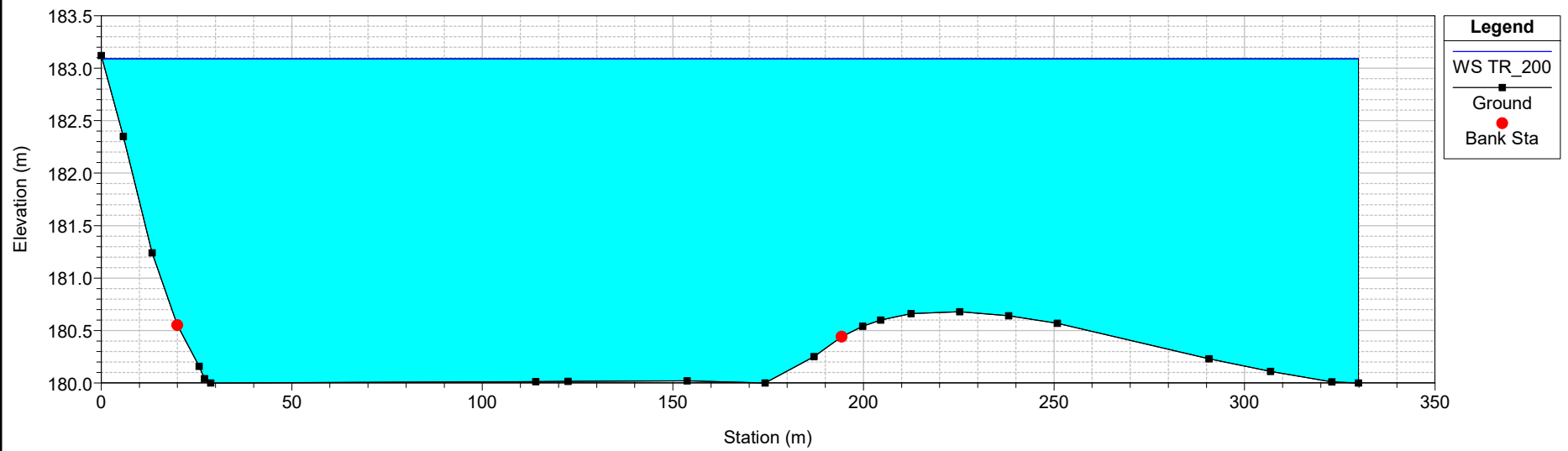
River = River 25 e 26 Reach = Reach 1 RS = 720



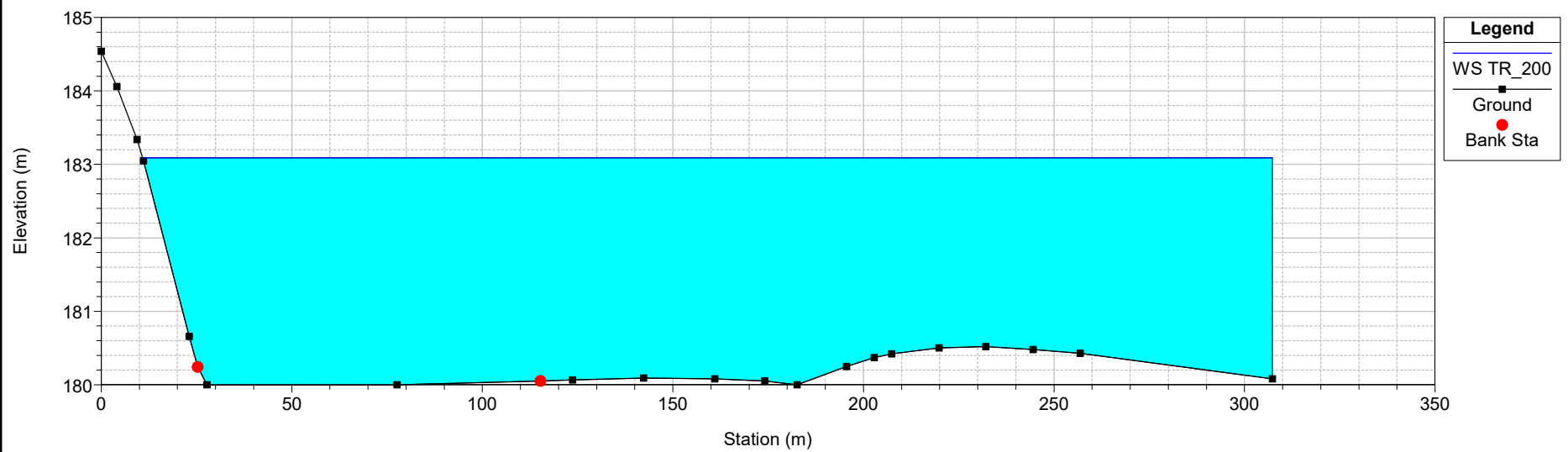
River = River 25 e 26 Reach = Reach 1 RS = 666



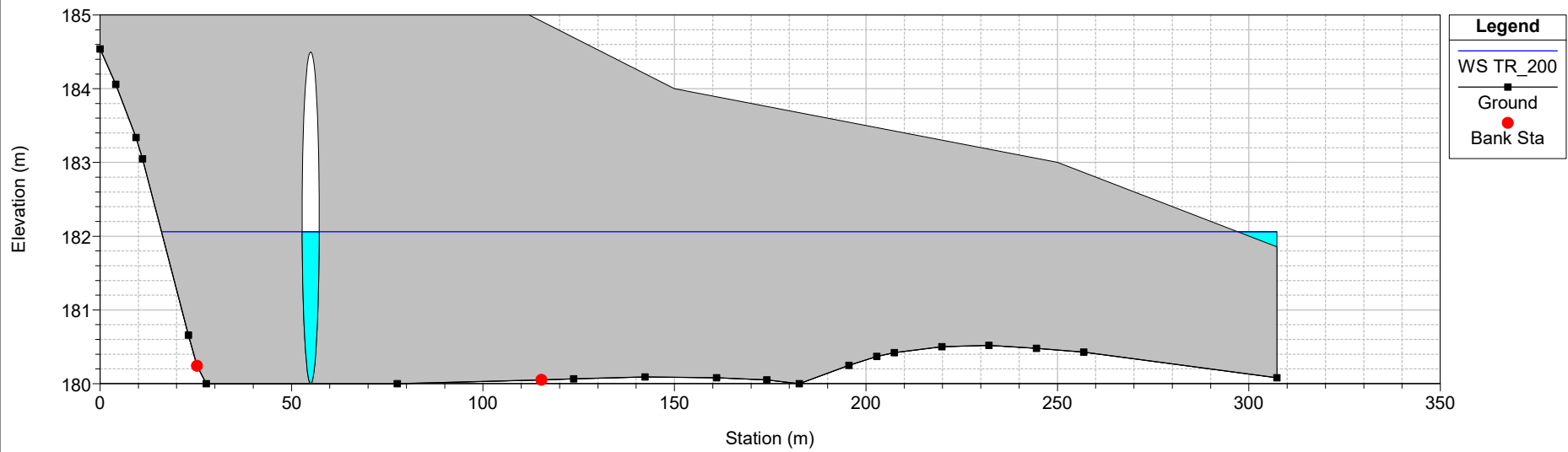
River = River 25 e 26 Reach = Reach 1 RS = 643



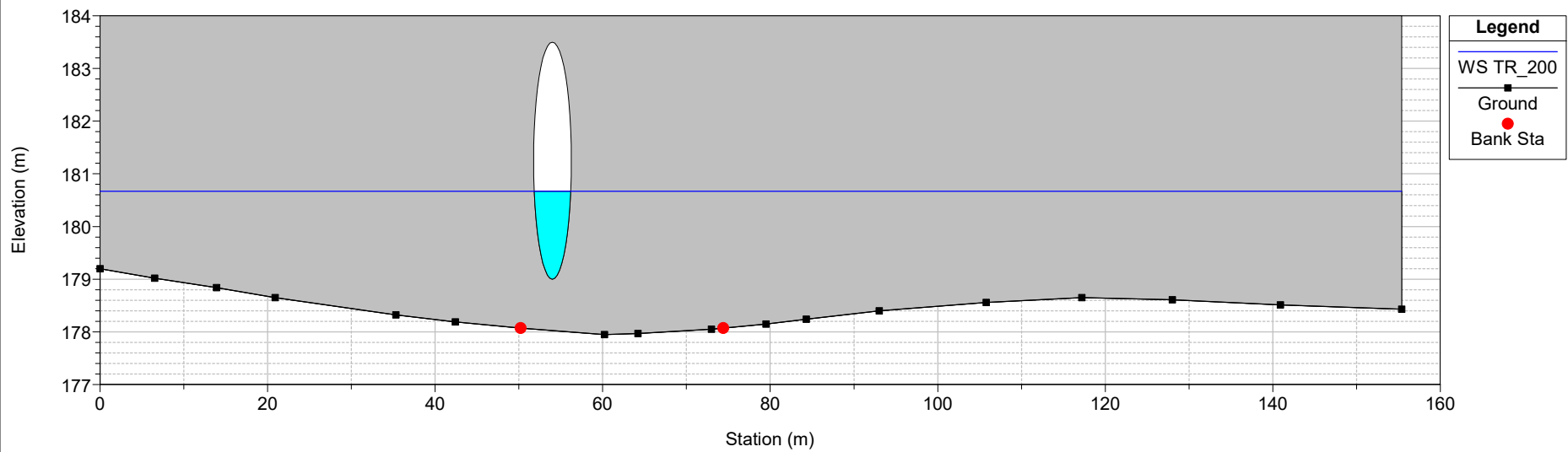
River = River 25 e 26 Reach = Reach 1 RS = 630



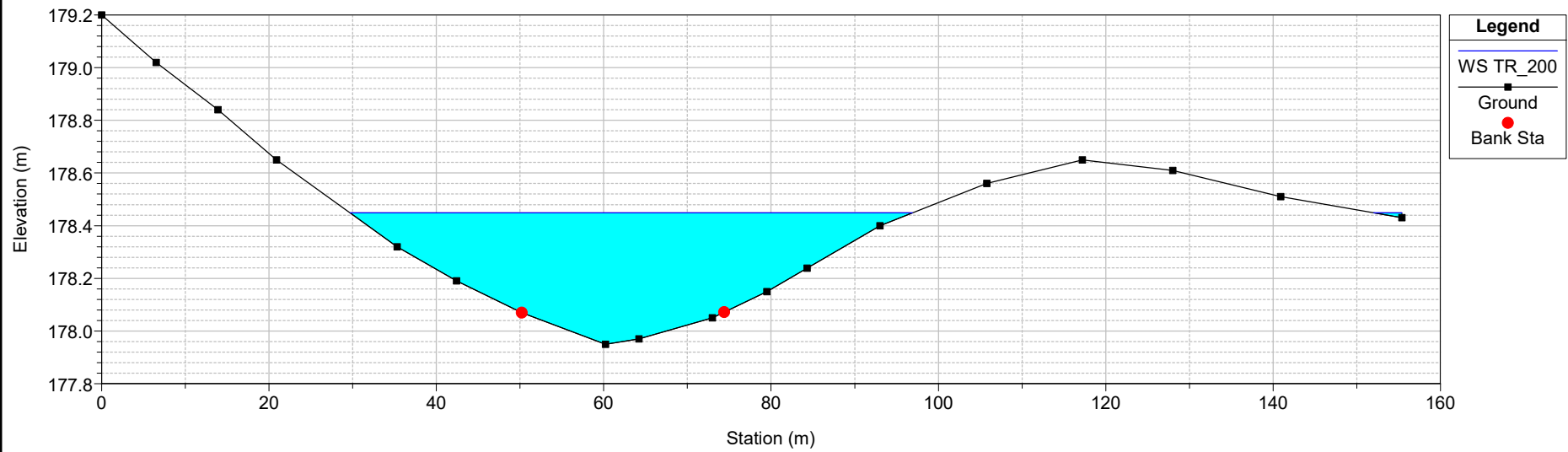
River = River 25 e 26 Reach = Reach 1 RS = 620 Culv



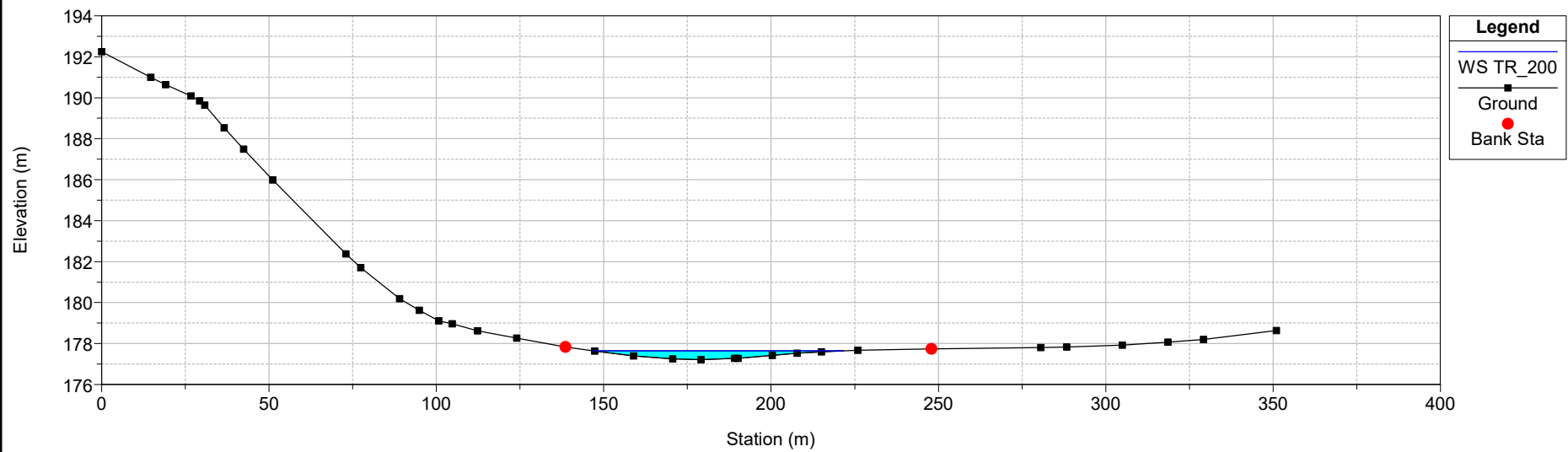
River = River 25 e 26 Reach = Reach 1 RS = 620 Culv



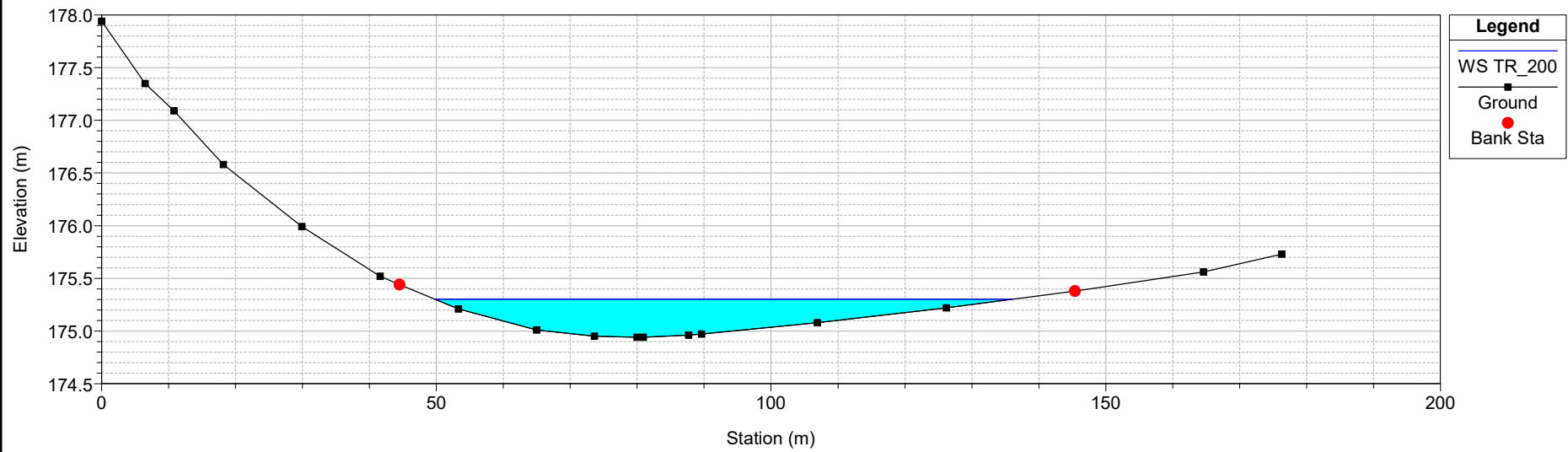
River = River 25 e 26 Reach = Reach 1 RS = 521



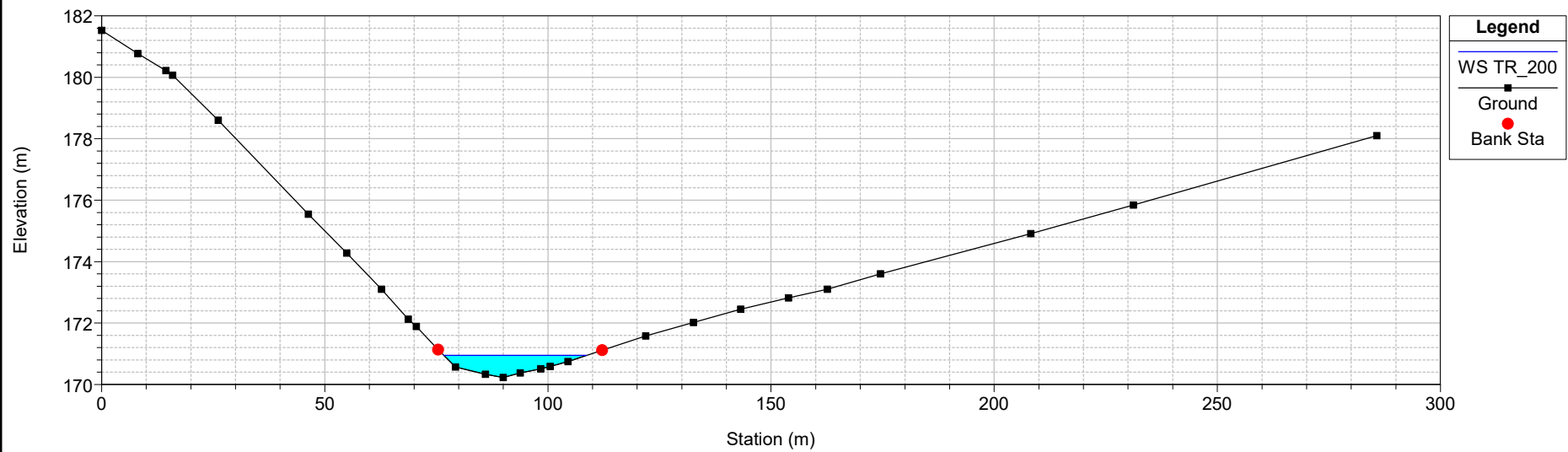
River = River 25 e 26 Reach = Reach 1 RS = 509



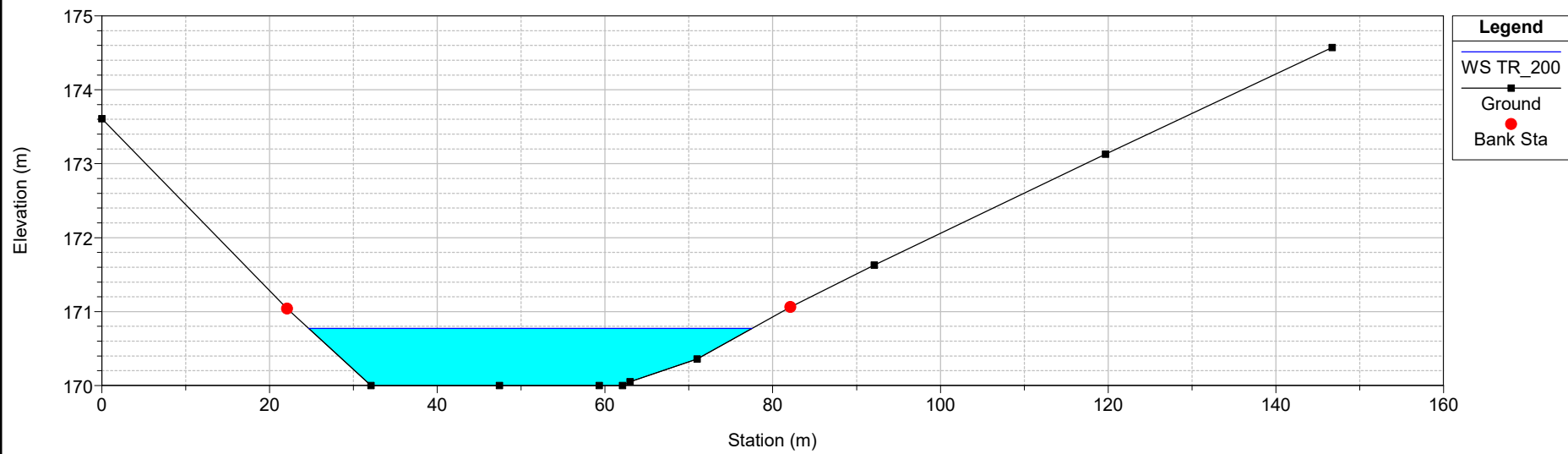
River = River 25 e 26 Reach = Reach 1 RS = 481



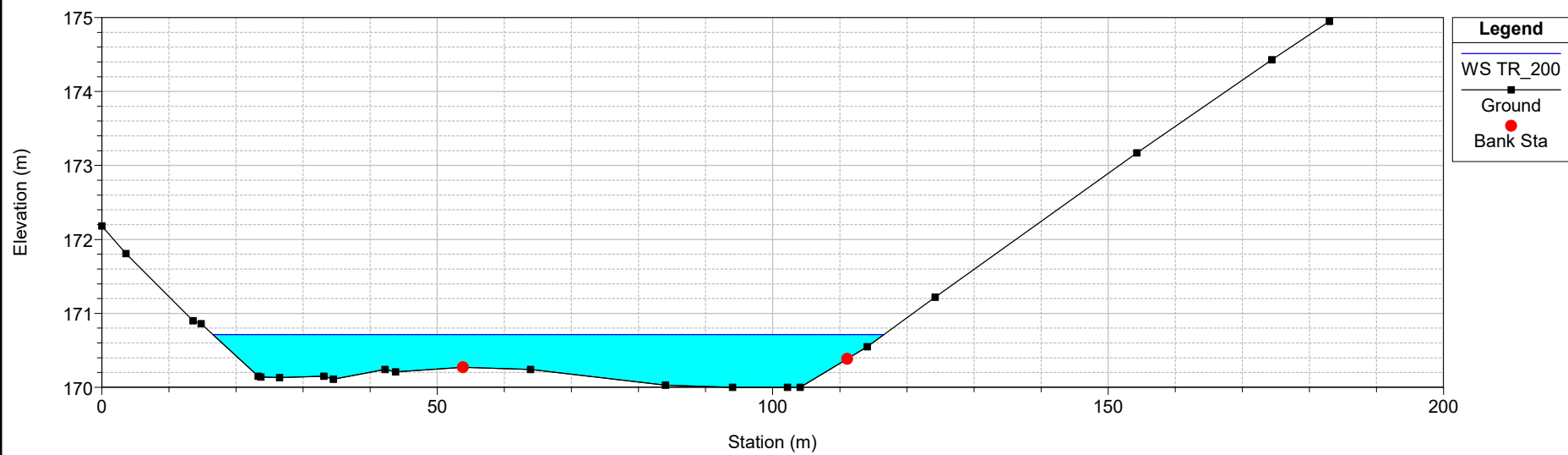
River = River 25 e 26 Reach = Reach 1 RS = 436



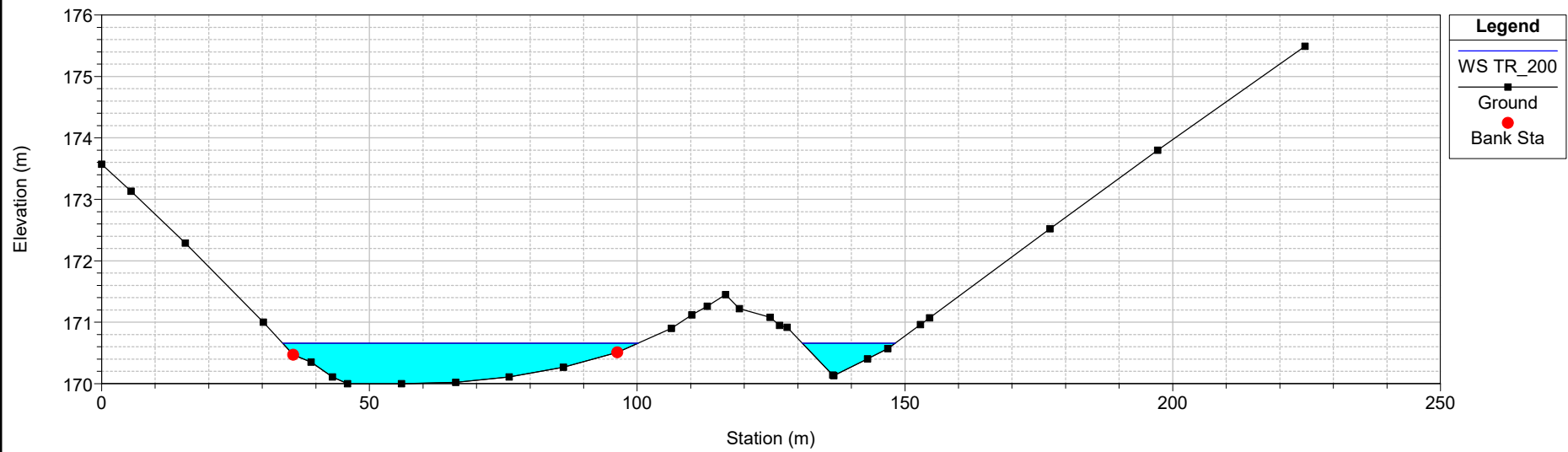
River = River 25 e 26 Reach = Reach 1 RS = 378



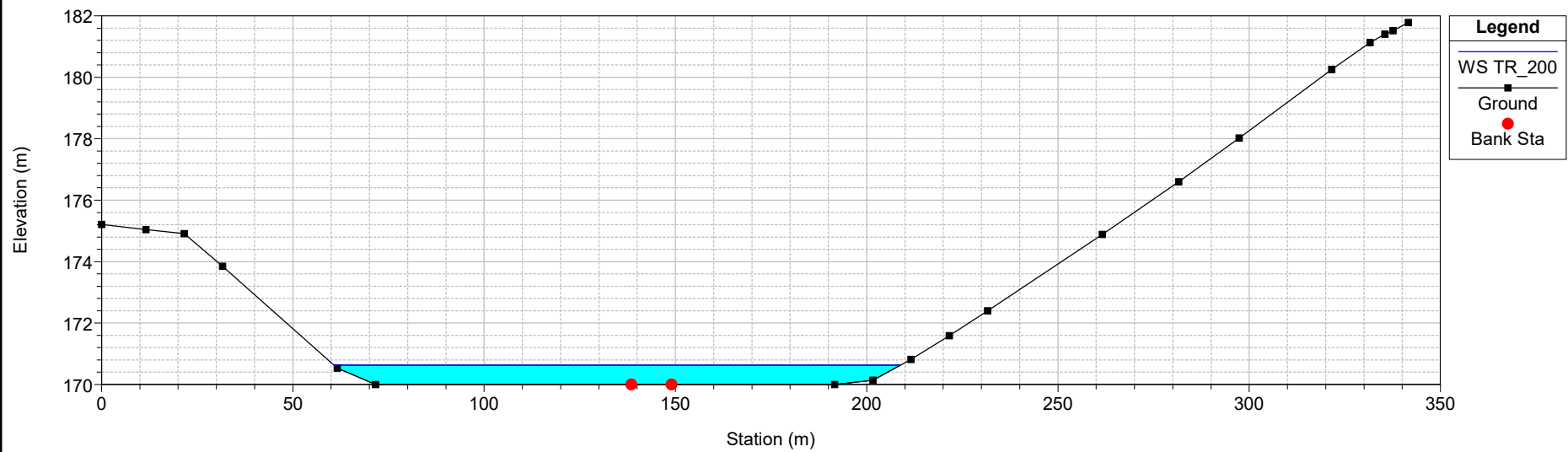
River = River 25 e 26 Reach = Reach 1 RS = 298



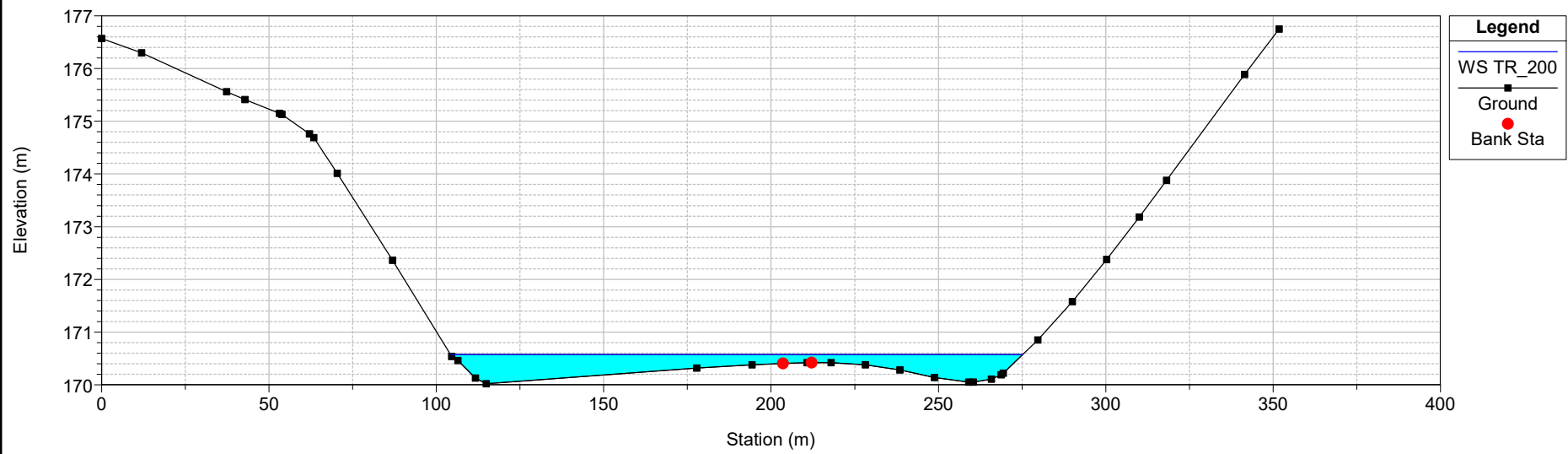
River = River 25 e 26 Reach = Reach 1 RS = 261



River = River 25 e 26 Reach = Reach 1 RS = 128



River = River 25 e 26 Reach = Reach 1 RS = 41



HEC-RAS Plan: sh2426 River: River 25 e 26 Reach: Reach 1 Profile: TR_200

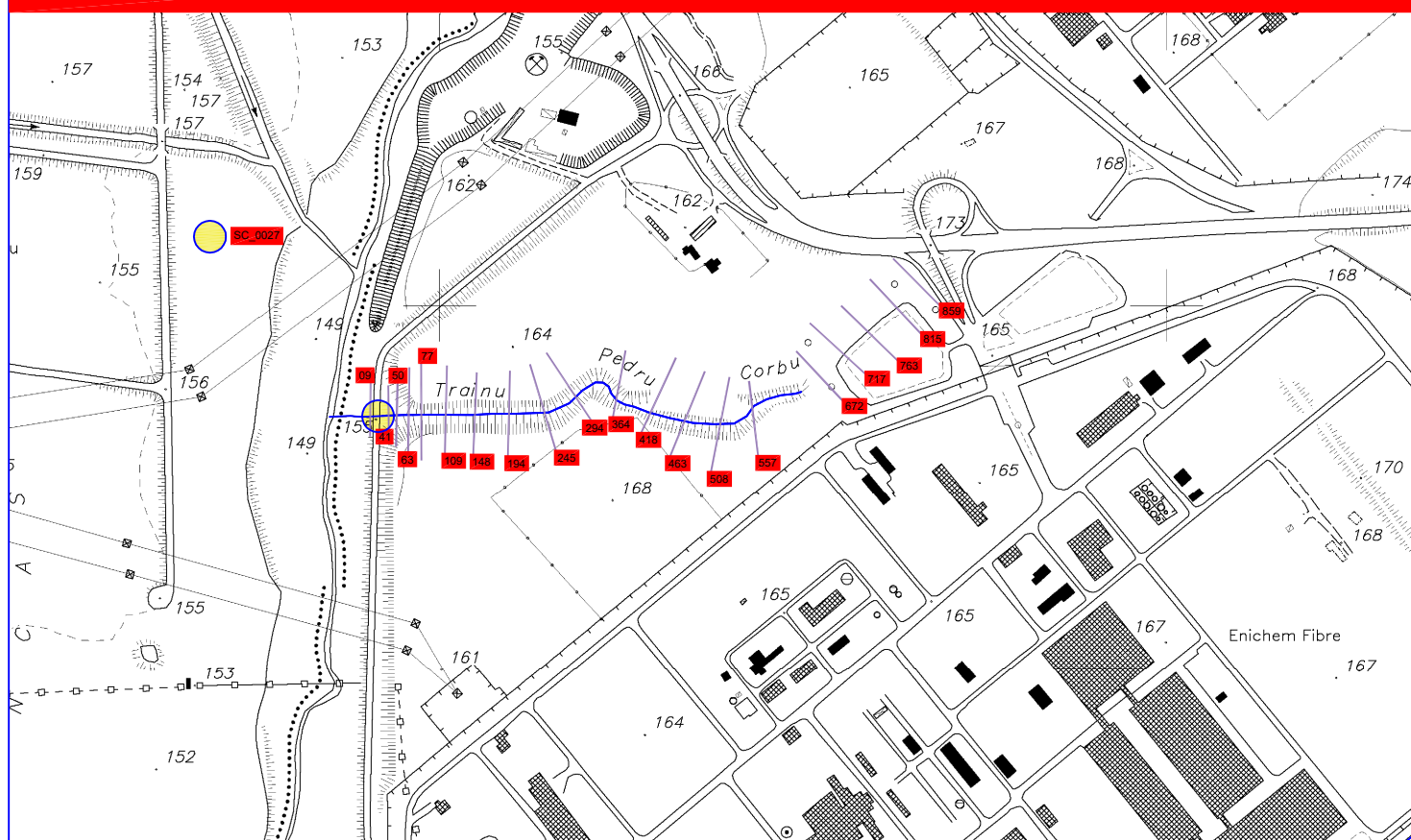
Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
			(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	
Reach 1	1118	TR_200	27.99	179.47	183.09		183.09	0.000001	0.08	531.52	229.91	0.01
Reach 1	1024	TR_200	27.99	177.85	183.09		183.09	0.000000	0.04	1034.11	276.40	0.01
Reach 1	915	TR_200	27.99	179.19	183.09		183.09	0.000000	0.04	996.04	329.82	0.01
Reach 1	748	TR_200	27.99	180.00	183.09		183.09	0.000000	0.05	792.37	318.70	0.01
Reach 1	720	TR_200	27.99	180.00	183.09		183.09	0.000000	0.04	793.04	324.58	0.01
Reach 1	666	TR_200	27.99	180.00	183.09		183.09	0.000000	0.04	891.84	329.09	0.01
Reach 1	643	TR_200	27.99	180.00	183.09		183.09	0.000000	0.04	921.55	329.68	0.01
Reach 1	630	TR_200	27.99	180.00	183.09	180.19	183.09	0.000000	0.04	843.89	296.44	0.01
Reach 1	620		Culvert									
Reach 1	521	TR_200	27.99	177.95	178.45	178.45	178.60	0.010071	1.95	19.15	70.55	0.93
Reach 1	509	TR_200	27.99	177.21	177.64	177.64	177.77	0.014608	1.56	17.98	74.87	1.01
Reach 1	481	TR_200	27.99	174.94	175.30	175.30	175.41	0.014941	1.48	18.89	86.19	1.01
Reach 1	436	TR_200	27.99	170.23	170.95	170.95	171.16	0.012000	2.06	13.58	31.95	1.01
Reach 1	378	TR_200	27.99	170.00	170.77		170.81	0.001275	0.86	32.52	52.83	0.35
Reach 1	298	TR_200	27.99	170.00	170.72		170.73	0.000655	0.60	53.20	100.05	0.25
Reach 1	261	TR_200	27.99	170.00	170.66		170.69	0.001555	0.84	36.13	83.75	0.38
Reach 1	128	TR_200	27.99	170.00	170.63		170.64	0.000325	0.44	86.54	148.01	0.18
Reach 1	41	TR_200	27.99	170.40	170.57	170.36	170.59	0.001801	0.42	55.25	170.94	0.33

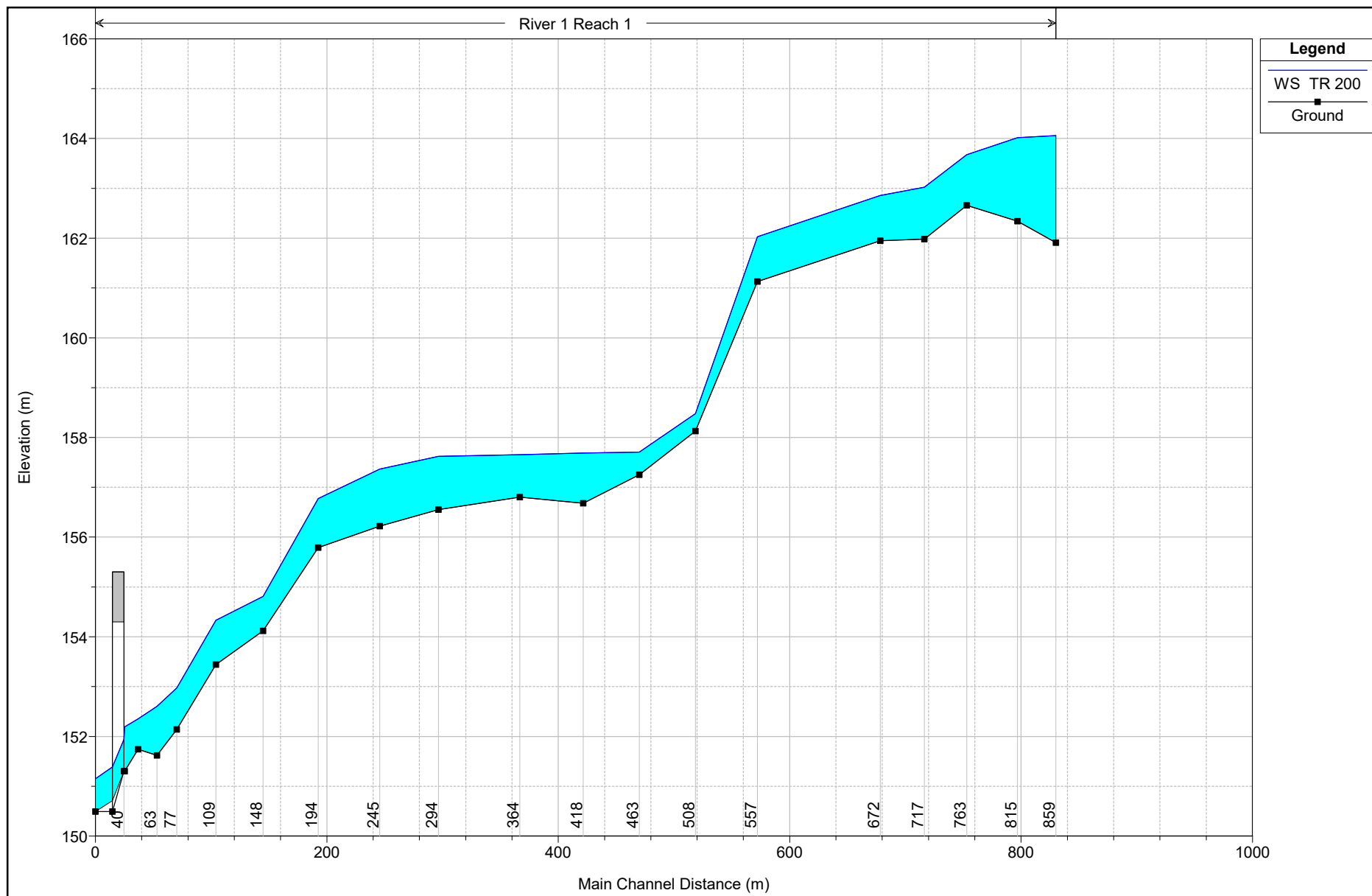
TRAINU PERDU CORBU

ATTRAVERSAMENTO:

- SC 0027

TRAINU PERDU CORBU-SC_0027
COROGRAFIA UBICAZIONE SEZIONI IDRAULICHE

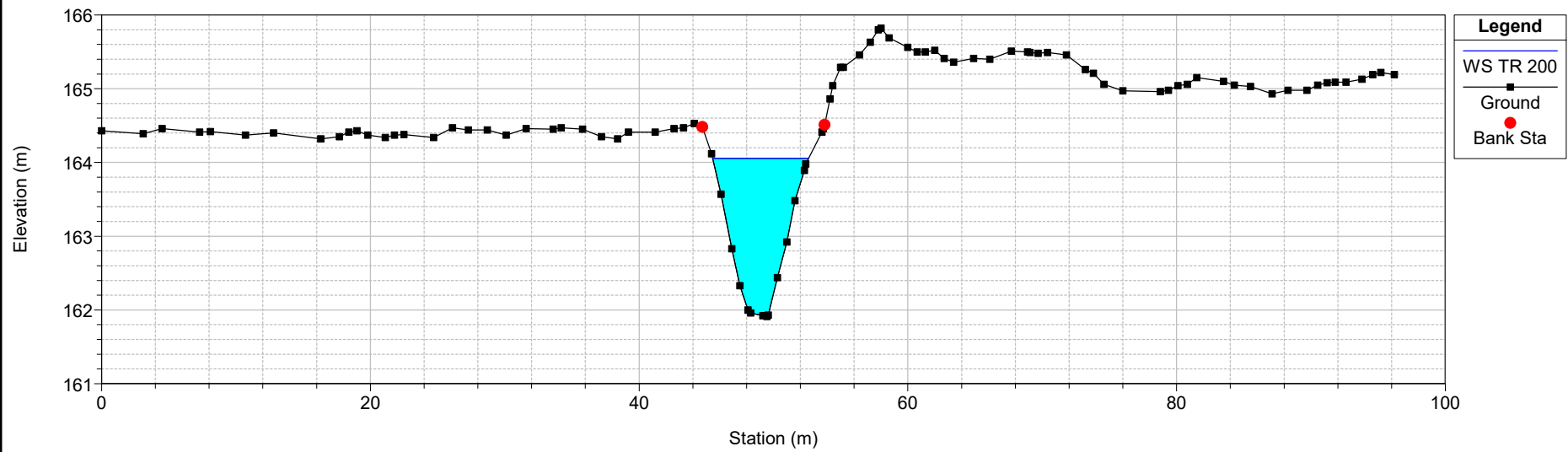




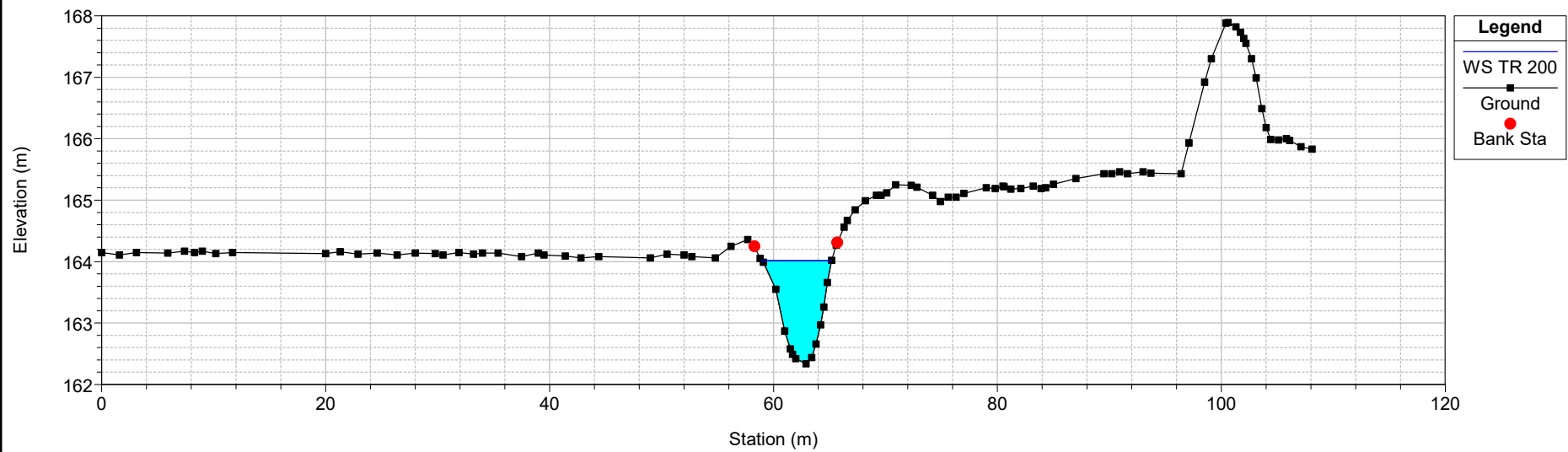
G191_SC_0027

SEZIONI

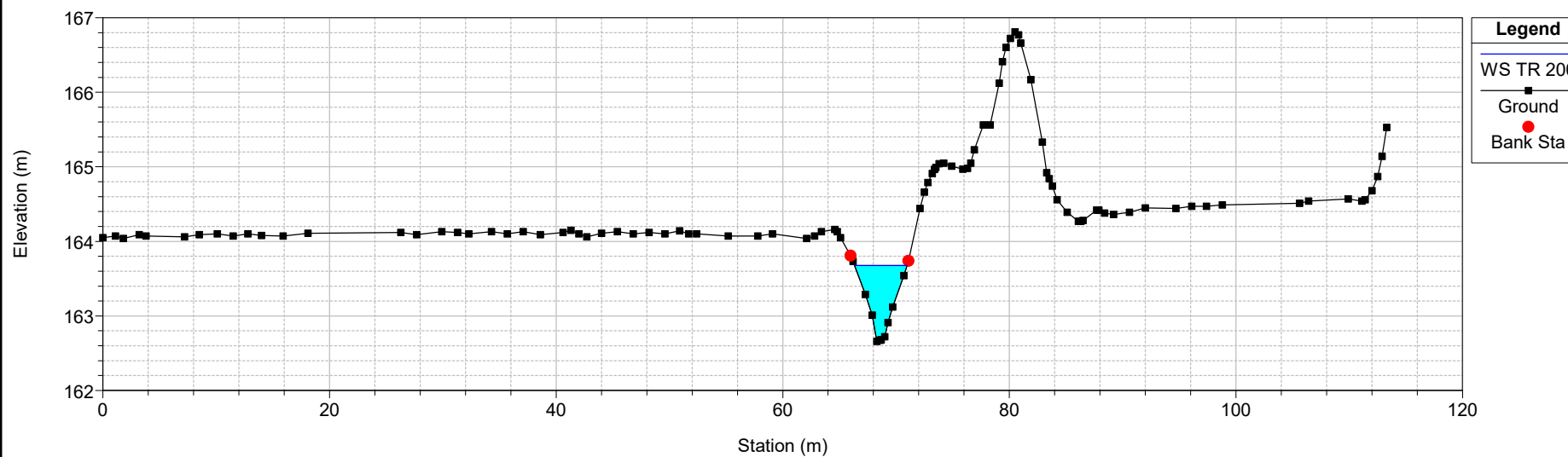
River = River 1 Reach = Reach 1 RS = 859



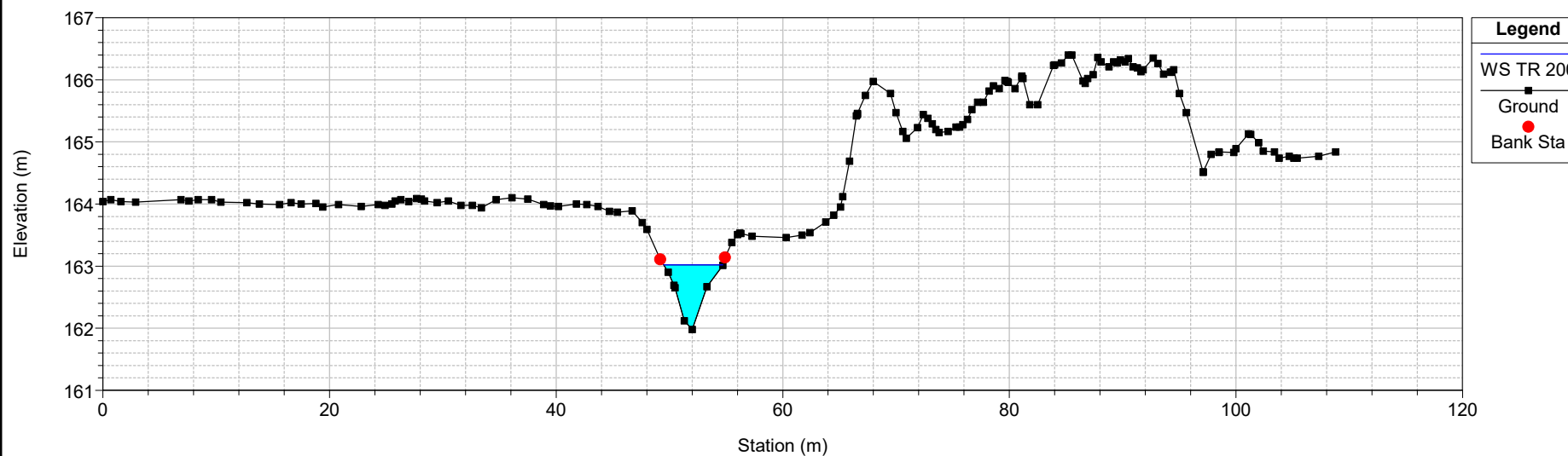
River = River 1 Reach = Reach 1 RS = 815



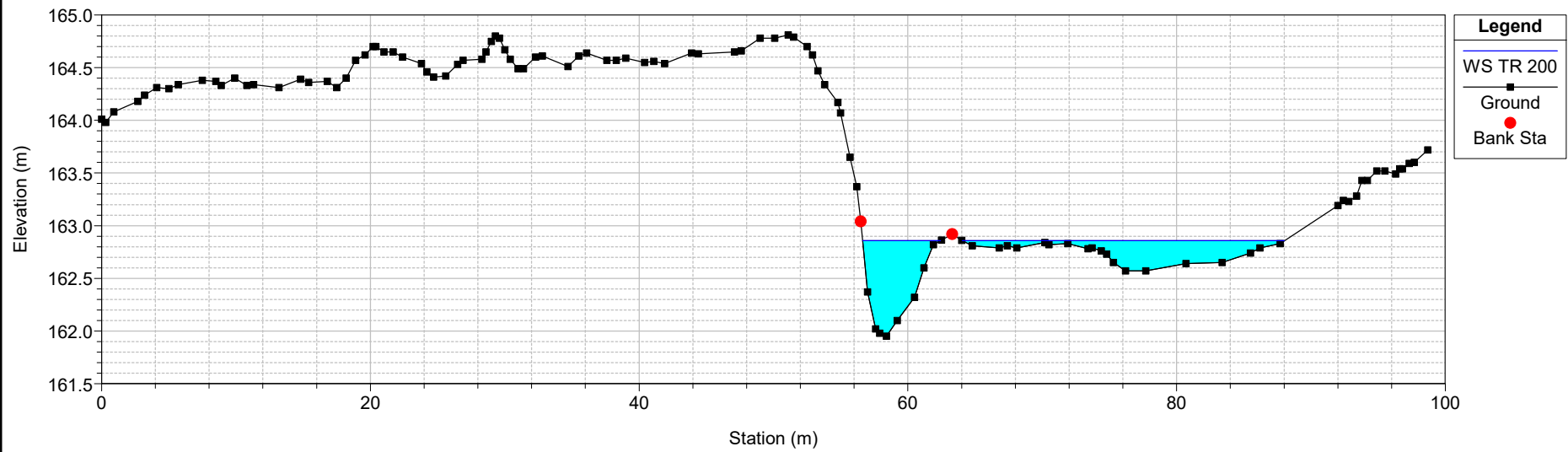
River = River 1 Reach = Reach 1 RS = 763



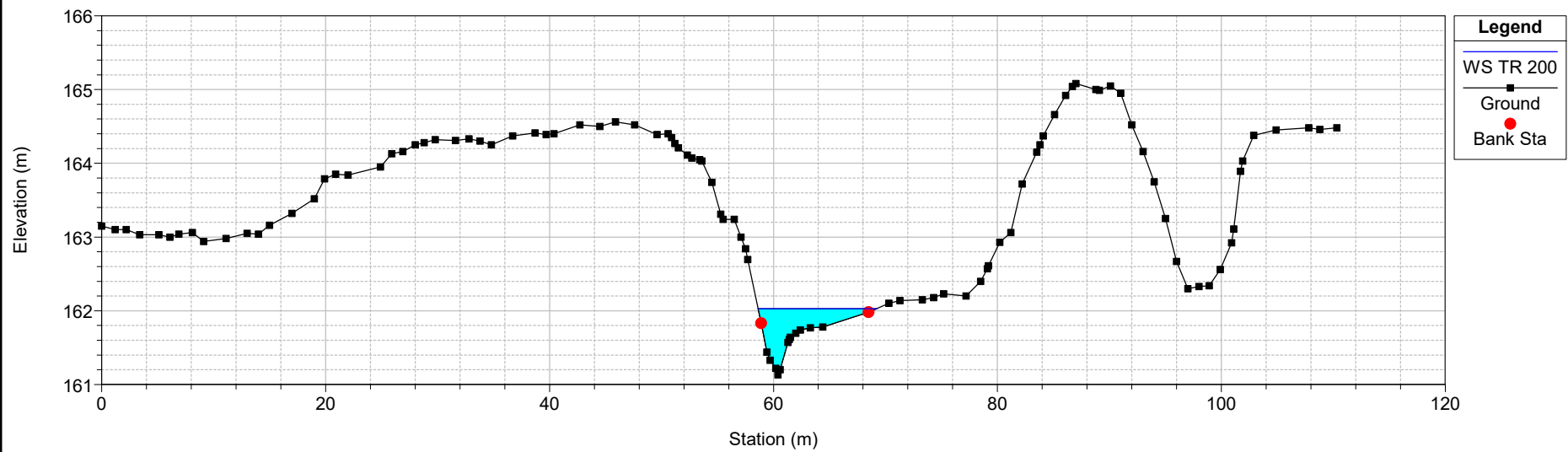
River = River 1 Reach = Reach 1 RS = 717



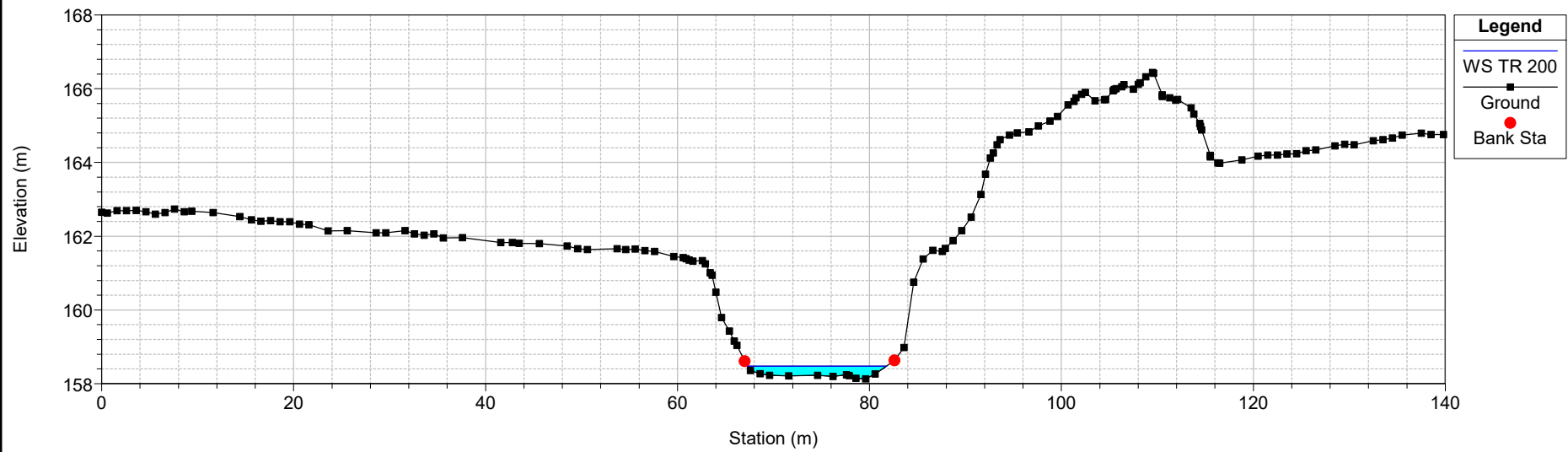
River = River 1 Reach = Reach 1 RS = 672



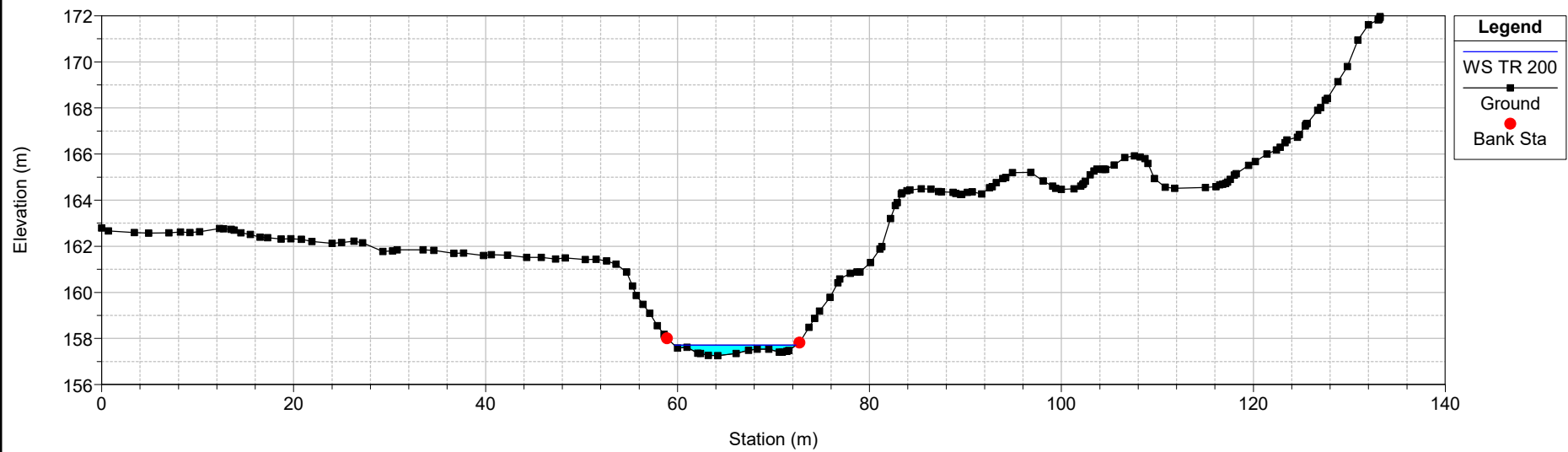
River = River 1 Reach = Reach 1 RS = 557



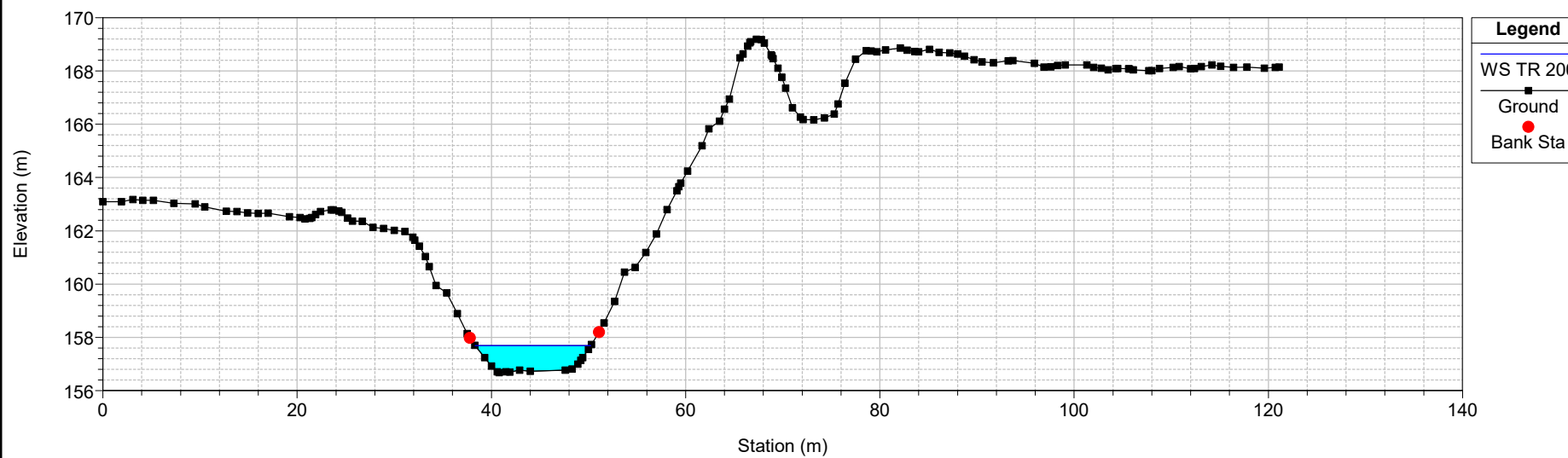
River = River 1 Reach = Reach 1 RS = 508



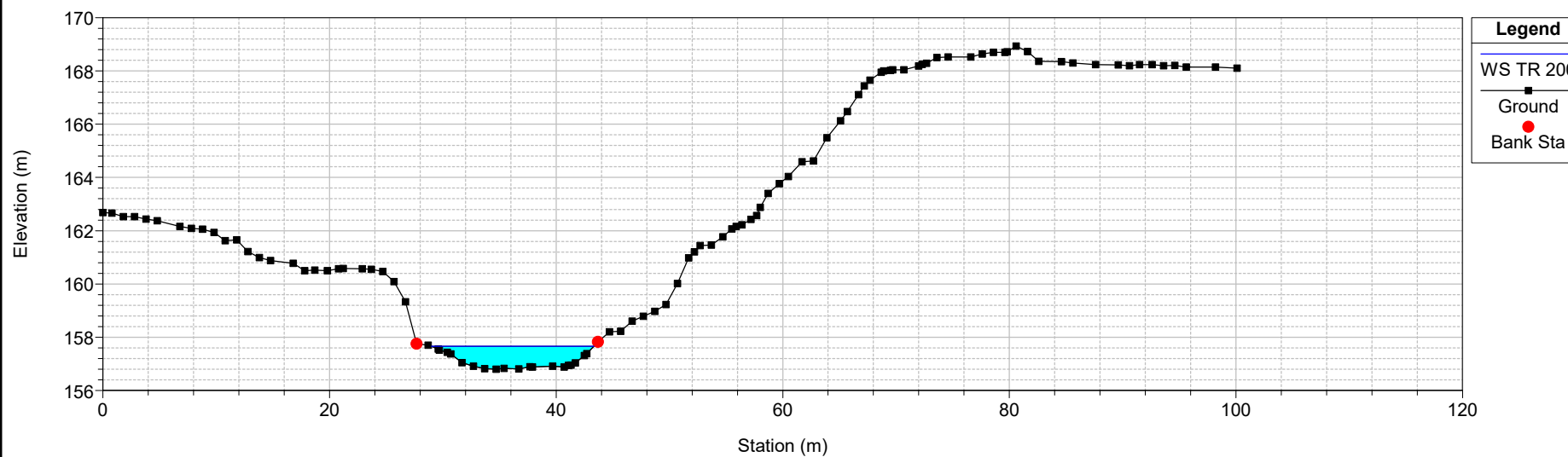
River = River 1 Reach = Reach 1 RS = 463



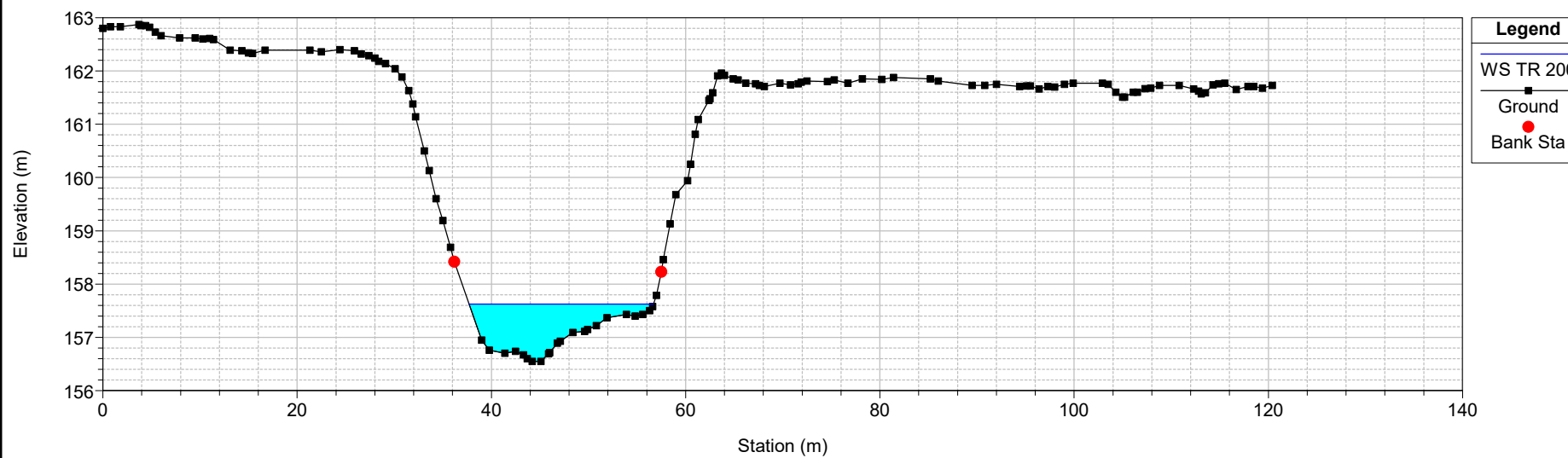
River = River 1 Reach = Reach 1 RS = 418



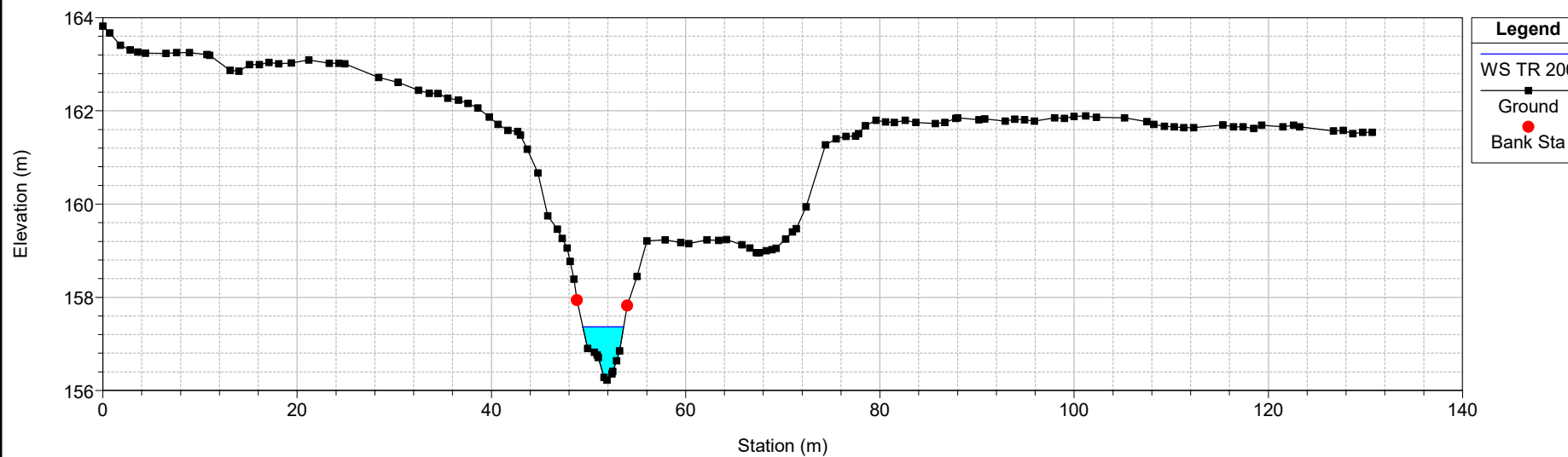
River = River 1 Reach = Reach 1 RS = 364



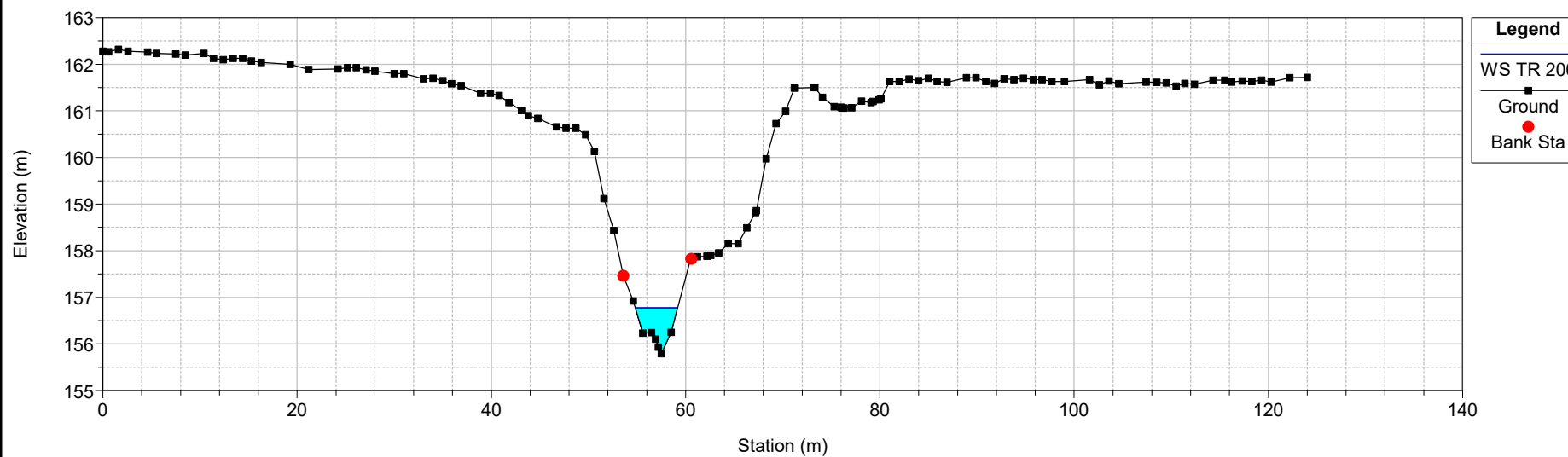
River = River 1 Reach = Reach 1 RS = 294



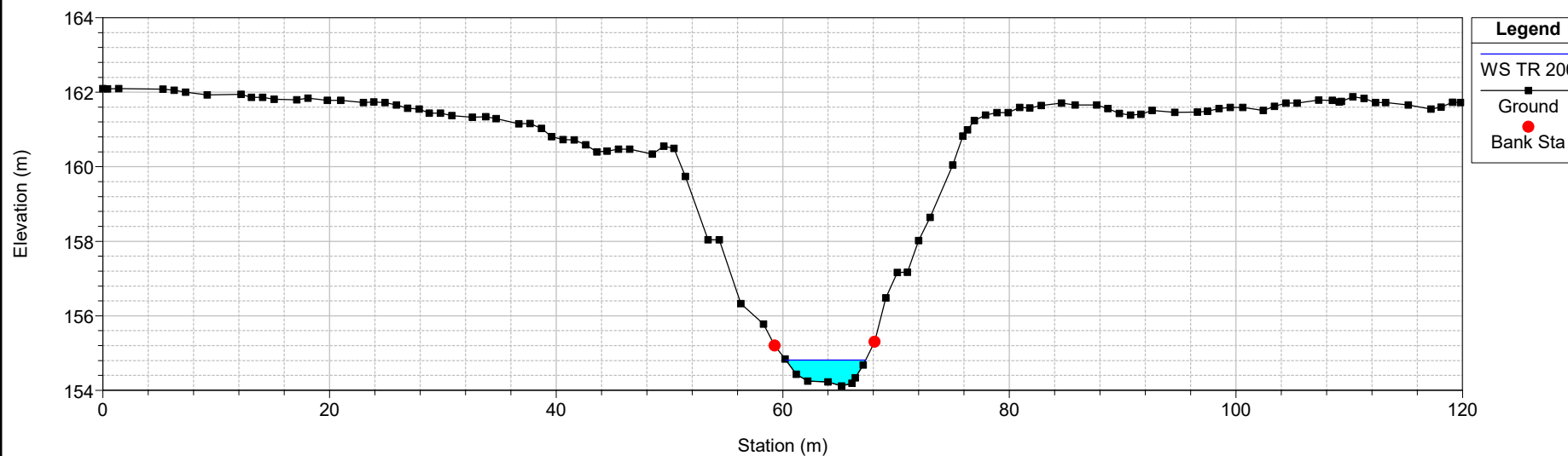
River = River 1 Reach = Reach 1 RS = 245



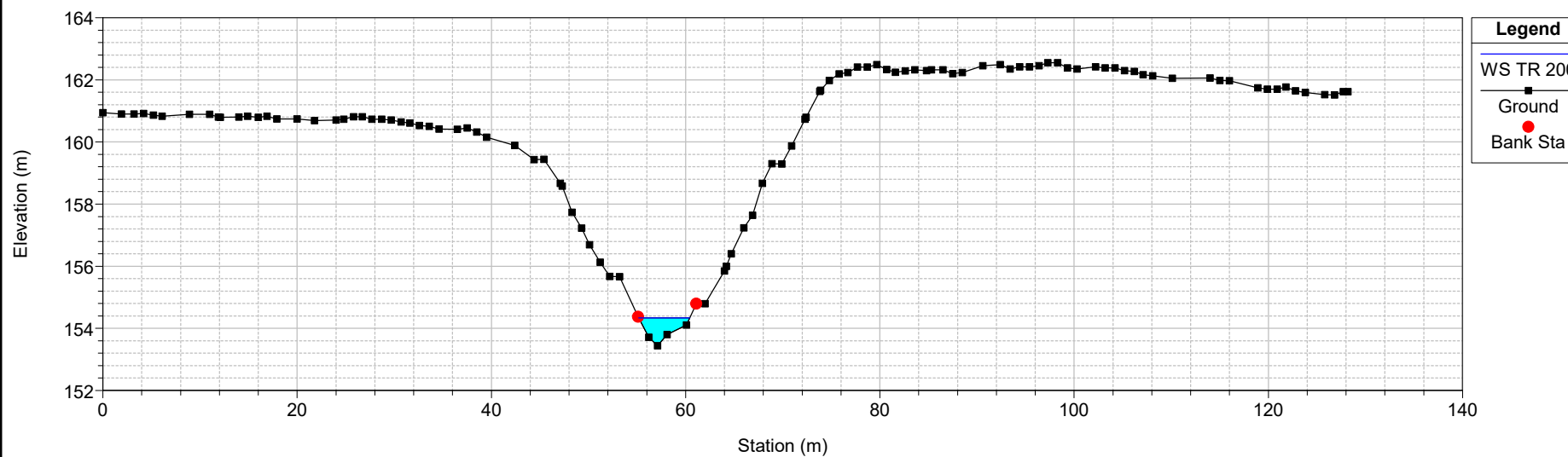
River = River 1 Reach = Reach 1 RS = 194



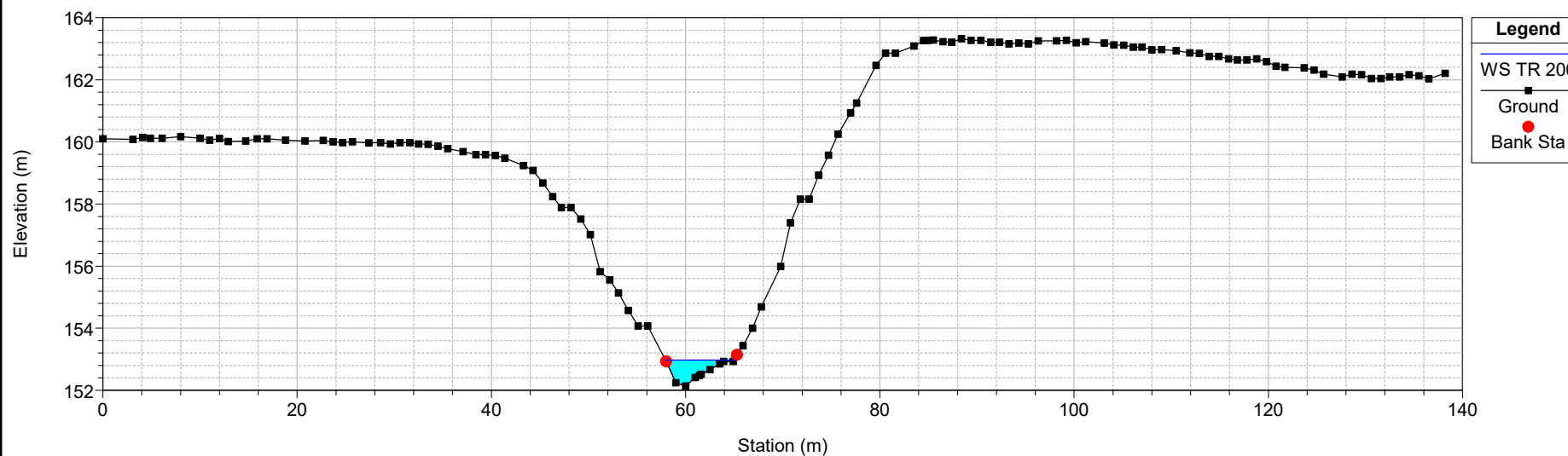
River = River 1 Reach = Reach 1 RS = 148



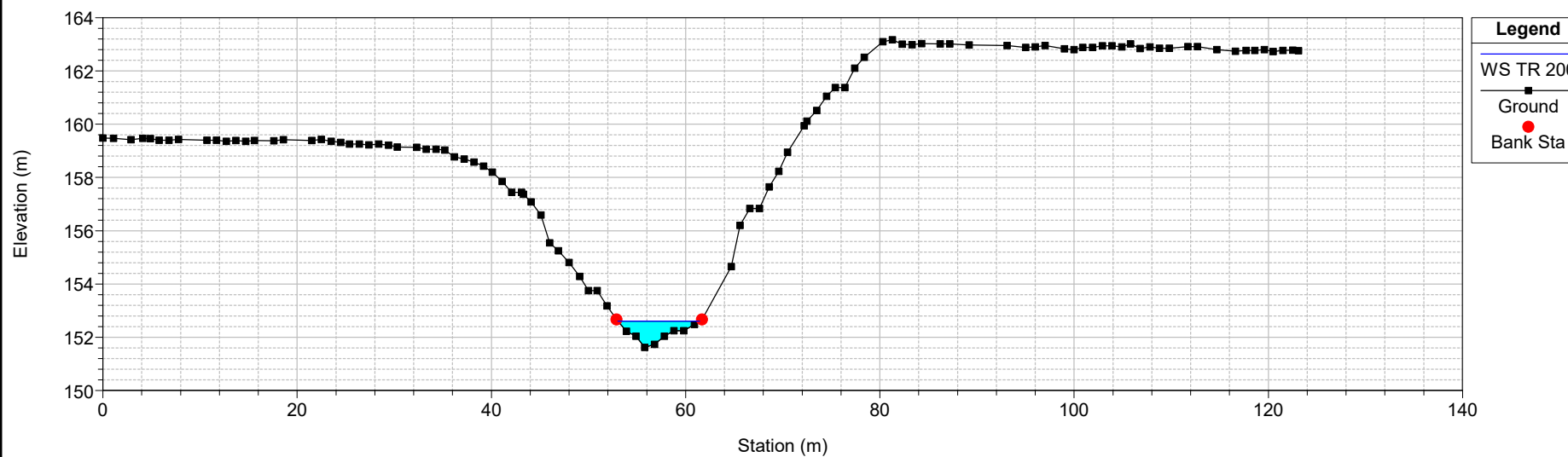
River = River 1 Reach = Reach 1 RS = 109



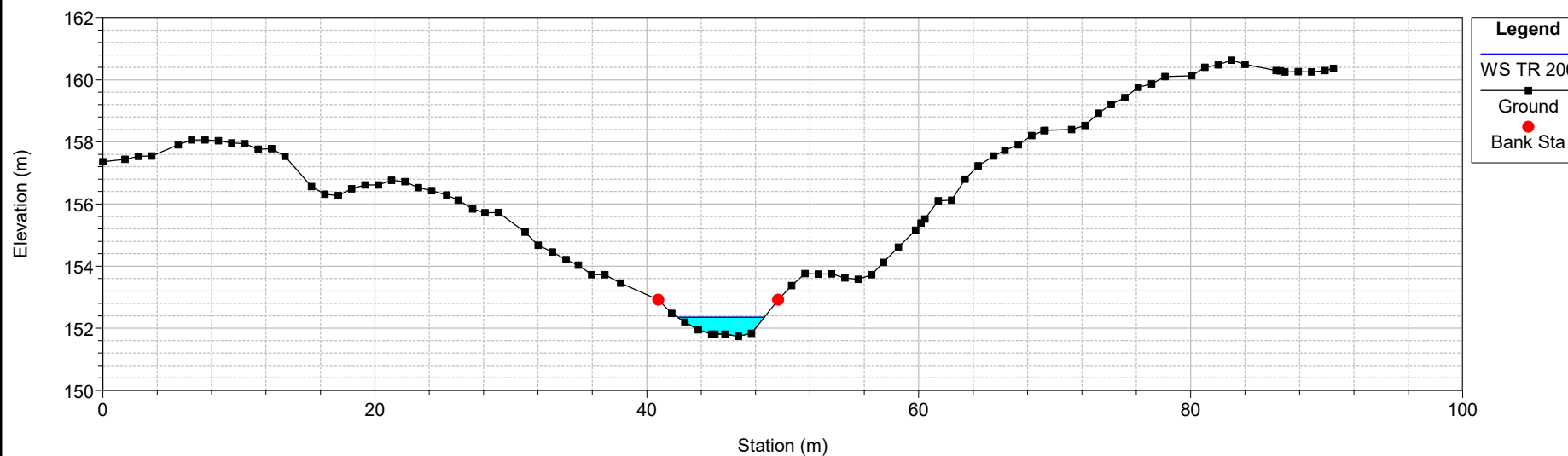
River = River 1 Reach = Reach 1 RS = 77



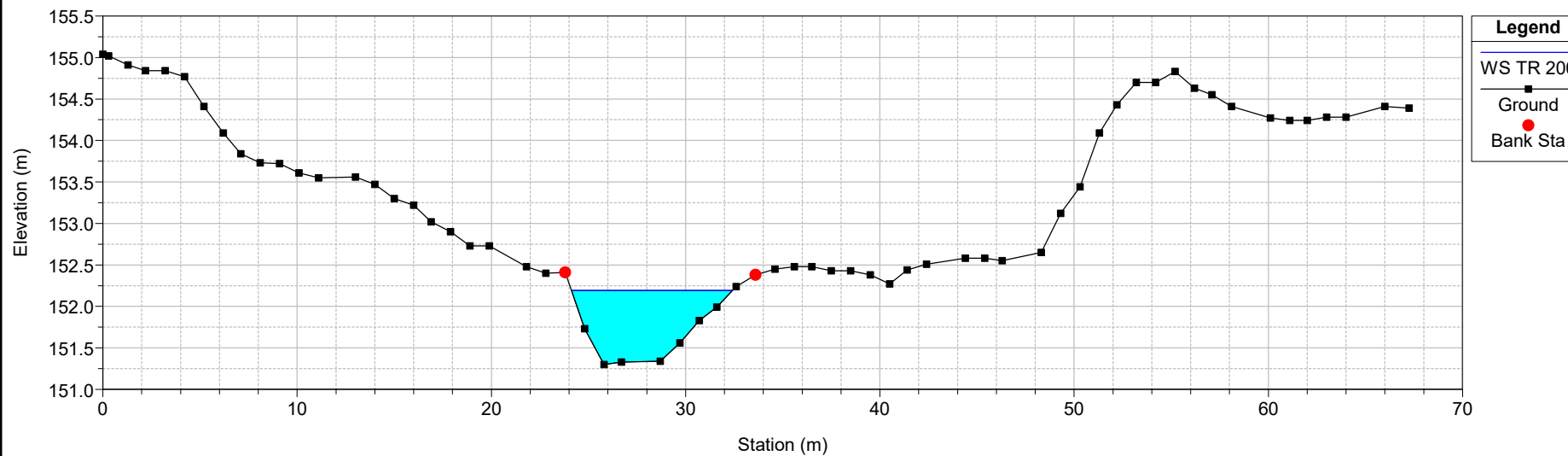
River = River 1 Reach = Reach 1 RS = 63



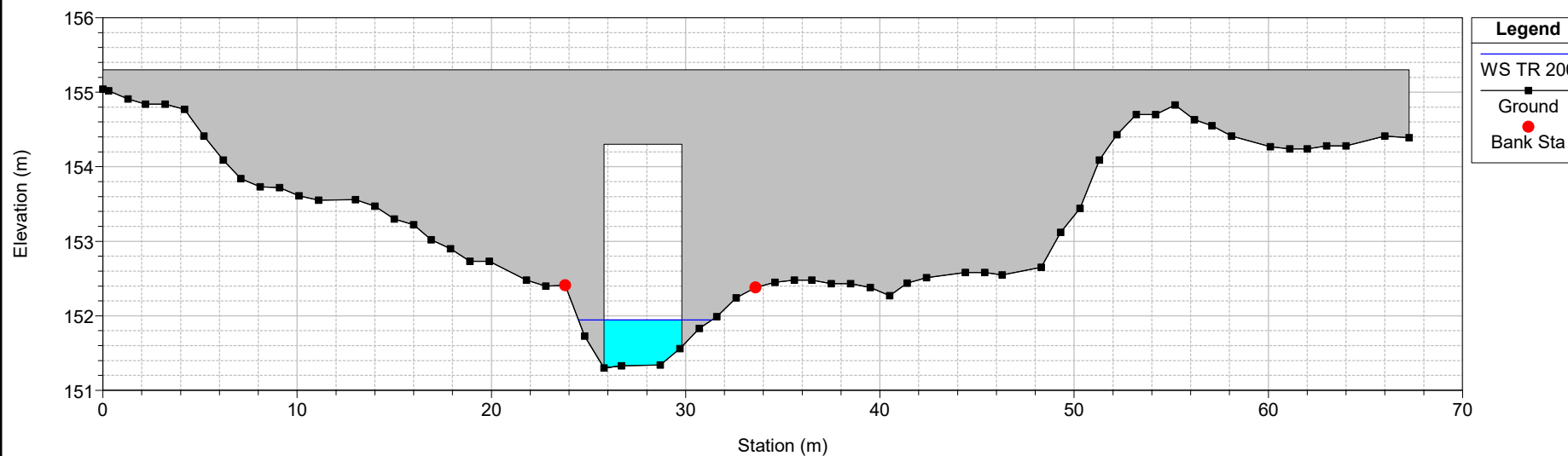
River = River 1 Reach = Reach 1 RS = 50



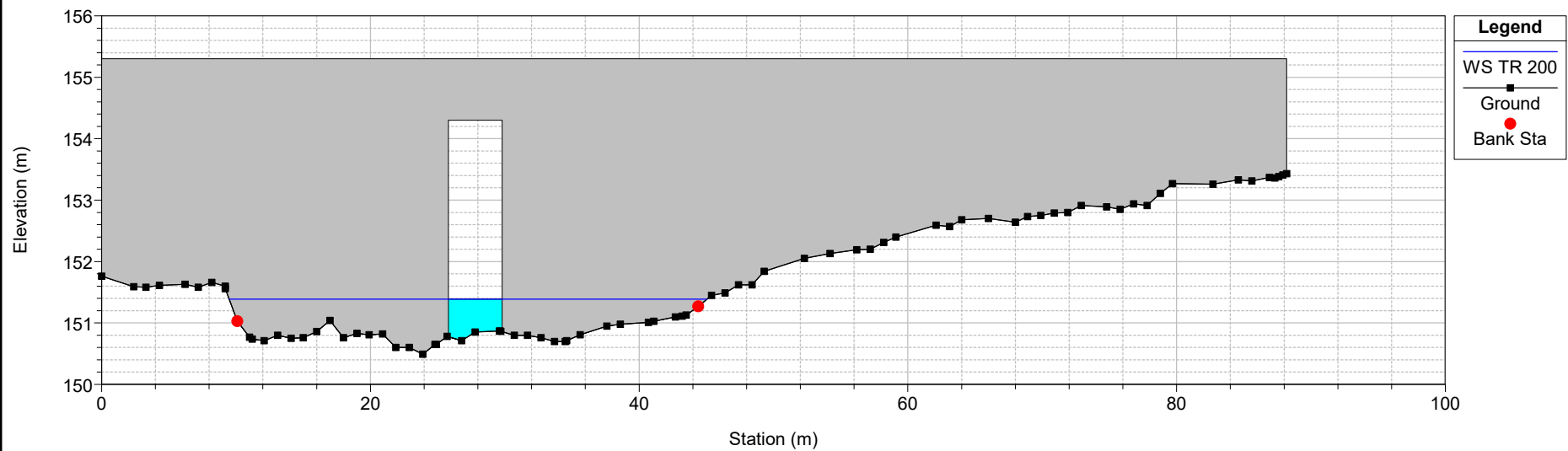
River = River 1 Reach = Reach 1 RS = 41



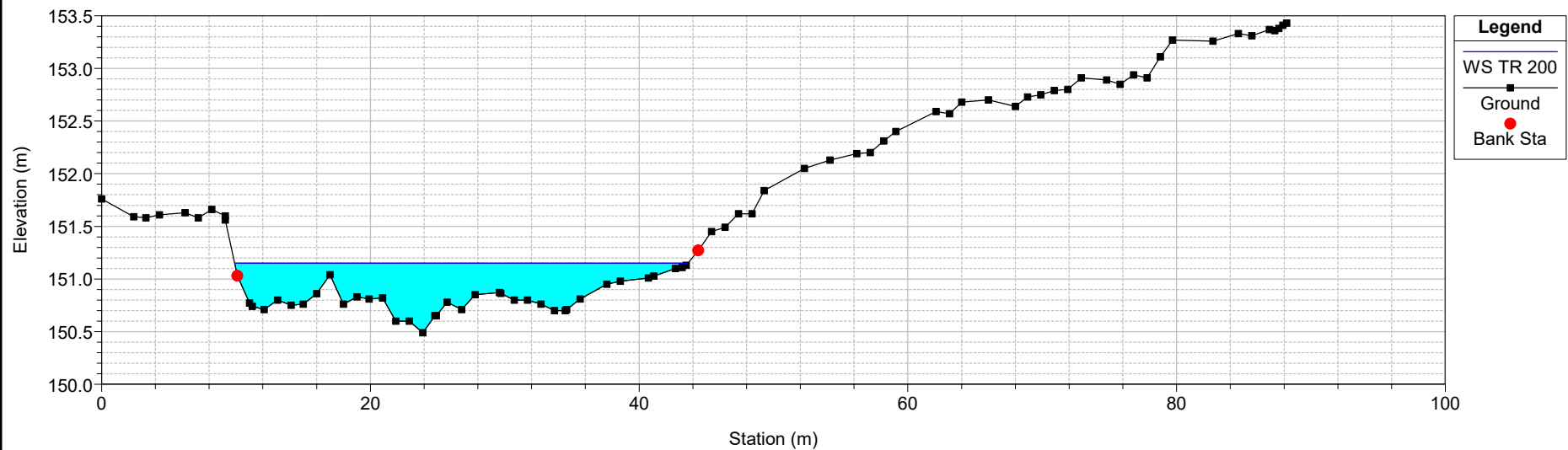
River = River 1 Reach = Reach 1 RS = 40 BR ponte su strada imp dep



River = River 1 Reach = Reach 1 RS = 40 BR ponte su strada imp dep



River = River 1 Reach = Reach 1 RS = 9



HEC-RAS Plan: N SH 27 River: River 1 Reach: Reach 1 Profile: TR 200

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
Reach 1	859	TR 200	5.50	161.91	164.06		164.08	0.000303	0.60	9.10	7.14	0.17
Reach 1	815	TR 200	5.50	162.34	164.02		164.06	0.000883	0.89	6.20	6.24	0.28
Reach 1	763	TR 200	5.50	162.66	163.68	163.68	163.94	0.012541	2.26	2.43	4.64	1.00
Reach 1	717	TR 200	5.50	161.98	163.02	163.02	163.26	0.012655	2.18	2.52	5.22	1.00
Reach 1	672	TR 200	5.50	161.95	162.86	162.77	162.93	0.004296	1.37	6.17	29.74	0.60
Reach 1	557	TR 200	5.50	161.13	162.03	162.03	162.19	0.013446	1.78	3.13	10.61	1.00
Reach 1	508	TR 200	5.50	158.13	158.48	158.48	158.60	0.014543	1.56	3.52	14.47	1.01
Reach 1	463	TR 200	5.50	157.25	157.71	157.71	157.84	0.014300	1.64	3.36	12.68	1.01
Reach 1	418	TR 200	5.50	156.68	157.69		157.70	0.000444	0.59	9.38	11.90	0.21
Reach 1	364	TR 200	5.50	156.80	157.66		157.68	0.000637	0.61	9.01	14.35	0.25
Reach 1	294	TR 200	5.50	156.55	157.62		157.64	0.000458	0.49	11.12	18.96	0.21
Reach 1	245	TR 200	5.50	156.22	157.37	157.24	157.56	0.007218	1.94	2.83	4.22	0.76
Reach 1	194	TR 200	5.50	155.79	156.77	156.77	157.05	0.012915	2.33	2.36	4.35	1.01
Reach 1	148	TR 200	5.50	154.12	154.81		154.94	0.006362	1.61	3.42	7.04	0.74
Reach 1	109	TR 200	5.50	153.44	154.33	154.33	154.58	0.012672	2.19	2.51	5.27	1.01
Reach 1	77	TR 200	5.50	152.14	152.97	152.97	153.17	0.012742	1.98	2.78	7.05	1.00
Reach 1	63	TR 200	5.50	151.62	152.60	152.44	152.69	0.004426	1.34	4.10	8.41	0.61
Reach 1	50	TR 200	5.50	151.74	152.35	152.35	152.57	0.012488	2.05	2.69	6.39	1.01
Reach 1	41	TR 200	5.50	151.30	152.19	151.90	152.26	0.002378	1.12	4.92	8.29	0.46
Reach 1	40		Bridge									
Reach 1	9	TR 200	5.50	150.49	151.15	150.93	151.16	0.001001	0.50	11.02	33.74	0.28