



REGIONE AUTONOMA DELLA SARDEGNA



COMUNE DI SASSARI

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**STUDIO DI ASSETTO IDRAULICO DEL
TERRITORIO COMUNALE
VARIANTE AL PAI
ai sensi dell'Art. 37 c. 3 delle N.A.
Aggiornamento a seguito di prescrizioni
(prot. n. 12928 del 30.12.2020)**

DATA: Febbraio 2021	SCALA:	REV: 0	ALLEGATO:
ELABORATO: Simulazioni in moto permanente (AREA MONTE BIANCHINU - AREA FOSSO DELLA NOCE - AREA PIANDANNA - RIO SAN GIOVANNI - RIO LOGULENTU - RIO D'OTTAVA)			C-1
TECNICO INCARICATO: Dott. Ing. Alessia Vargiu  ORDINE INGEGNERI PROVINCIA CAGLIARI N. 3934 Dott. Ing. ALESSIA VARGIU			COLLABORATORI: Dott. Ing. Pier Franco Azzena Dott. Ing. Michela Cardia Geom. Luisa Antonetti CONSULENTI: Dott. Ing. Fabio Cambula Dott. Ing. Marco Pani Dott. Ing. Silvia Pisano
DIRIGENTE SETTORE PIANIFICAZIONE TERRITORIALE, PAESAGGIO E SVILUPPO TURISTICO Dott. Ing. Giovanni Antonio Pisoni			

COMUNE DI SASSARI

Studio di Assetto Idraulico del territorio comunale

Variante al PAI ai sensi dell'art. 374 c.3 delle N.A.

Aggiornamento a seguito di prescrizioni (prot. N. 12928 del 30.12.2020)

Area di indagine: **TERRITORIO COMUNALE**

SIMULAZIONI IN MOTO PERMANENTE

Il presente elaborato contiene i seguenti modelli:

1. Area Monte Bianchinu
2. Area Fosso Della Noce
3. Area Piandanna
4. Rio San Giovanni – Rio Logulentu – Rio D'ottava

COMUNE DI SASSARI

Studio di Assetto Idraulico del territorio comunale

Variante al PAI ai sensi dell'art. 374 c.3 delle N.A.

Aggiornamento a seguito di prescrizioni (prot. N. 12928 del 30.12.2020)

Area di indagine: **TERRITORIO COMUNALE**

SIMULAZIONI IN MOTO PERMANENTE

Modello 1 : Monte Bianchinu

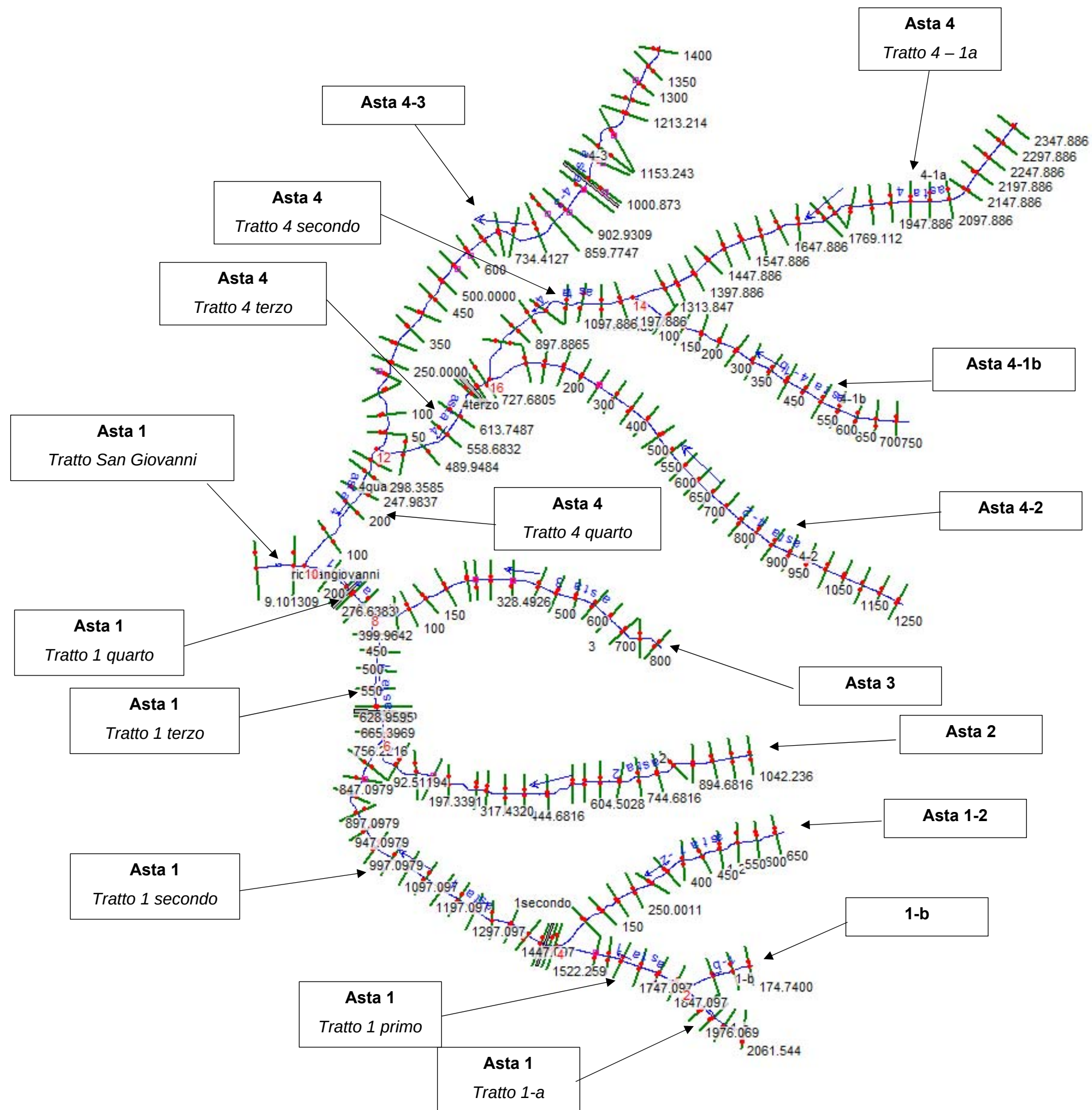
Componenti:

1-b
Asta 1
Asta 1-2
Asta 2
Asta 3
Asta 4
Asta 4-1b
Asta 4-2
Asta 4-3

- Schema planimetrico del modello matematico;
- Profili longitudinali con livelli idrici per i tempi di ritorno 50, 100, 200 e 500 anni;
- Sezioni trasversali con livelli idrici per tempi di ritorno 50, 100, 200 e 500 anni;
- Tabulati numerici di output per tempi di ritorno 50, 100, 200 e 500 anni;
- Calcolo della portata critica;
- Profilo longitudinale del livello idrico per il tempo di ritorno critico TC;
- Verifica dei franchi idraulici e della portata critica;

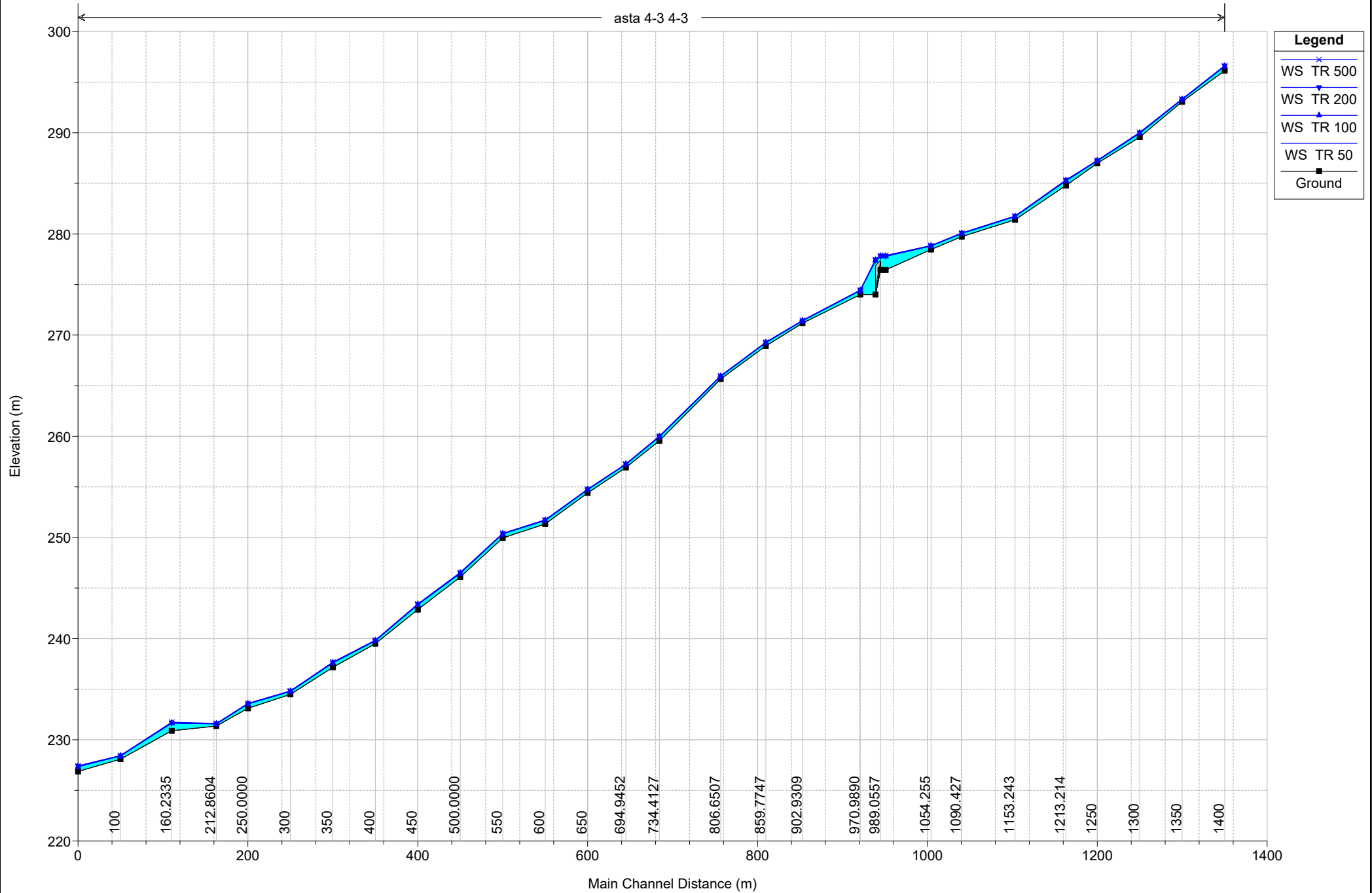
			PORTATE mc/s			
River	Reach	RS	TR 50	TR 100	TR 200	TR 500
1-b	1-b	174.74	2.22	2.54	2.876	3.376
asta 1	1-a	2061.544	2.807	3.167	3.545	4.108
asta 1	1primo	1847.097	5.828	6.67	7.55	8.841
asta 1	1secondo	1522.259	12.565	14.791	17.062	20.196
asta 1	1terzo	665.3969	18.043	21.231	24.478	28.939
asta 1	1quarto	312.0842	23.243	27.165	31.168	36.71
asta 1	rio sangiovanni	104.3029	54.898	64.39	74.036	87.249
asta 1-2	1-2	650	3.114	3.561	4.028	4.713
asta 2	2	1042.236	4.999	5.713	6.447	7.495
asta 3	3	800	5.2	5.934	6.69	7.771
asta 4	4-1a	2347.886	10.756	12.367	14.019	16.36
asta 4	4secondo	1197.886	25.062	29.054	33.138	38.862
asta 4	4terzo	727.6805	31.449	36.358	41.385	48.45
asta 4	4quarto	333.7669	31.655	37.225	42.868	50.539
asta 4-1b	4-1b	750	14.306	16.687	19.119	22.502
asta 4-2	4-2	1250	6.387	7.304	8.247	9.588
asta 4-3	4-3	1400	12.288	14.09	15.93	18.514

			condizioni al contorno	
River	Reach	PROFILI	upstream	downstream
1-b	1-b	all	Critical Depth	Junction=2
asta 1	1-a	all	Critical Depth	Junction=2
asta 1	1primo	all	Junction=2	Junction=4
asta 1	1secondo	all	Junction=4	Junction=6
asta 1	1terzo	all	Junction=6	Junction=8
asta 1	1quarto	all	Junction=8	Junction=10
asta 1	rio sangiovanni	all	Junction=10	Normal Depth S = 0.01384
asta 1-2	1-2	all	Critical Depth	Junction=4
asta 2	2	all	Critical Depth	Junction=6
asta 3	3	all	Critical Depth	Junction=8
asta 4	4-1a	all	Critical Depth	Junction=14
asta 4	4secondo	all	Junction=14	Junction=16
asta 4	4terzo	all	Junction=16	Junction=12
asta 4	4quarto	all	Junction=12	Junction=10
asta 4-1b	4-1b	all	Critical Depth	Junction=14
asta 4-2	4-2	all	Critical Depth	Junction=16
asta 4-3	4-3	all	Critical Depth	Junction=12



26-11-2012 Plan: 05022021 2/11/2021

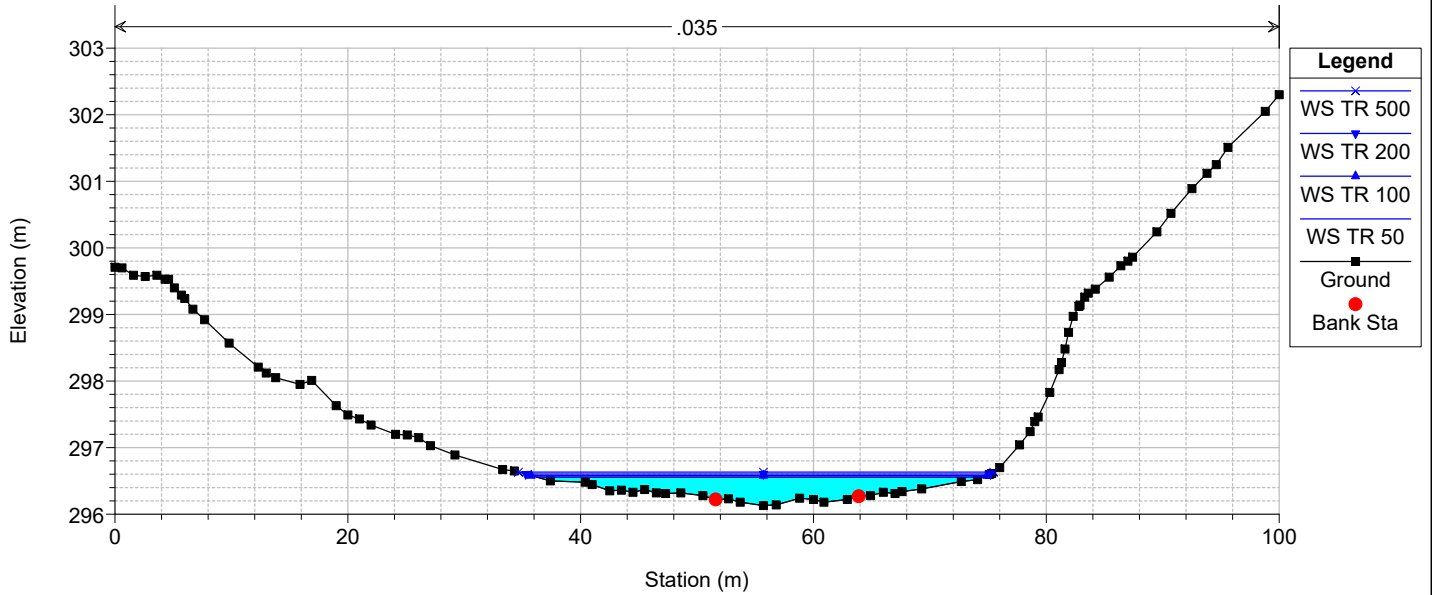
Geom: 05022021 Flow: 05022021 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

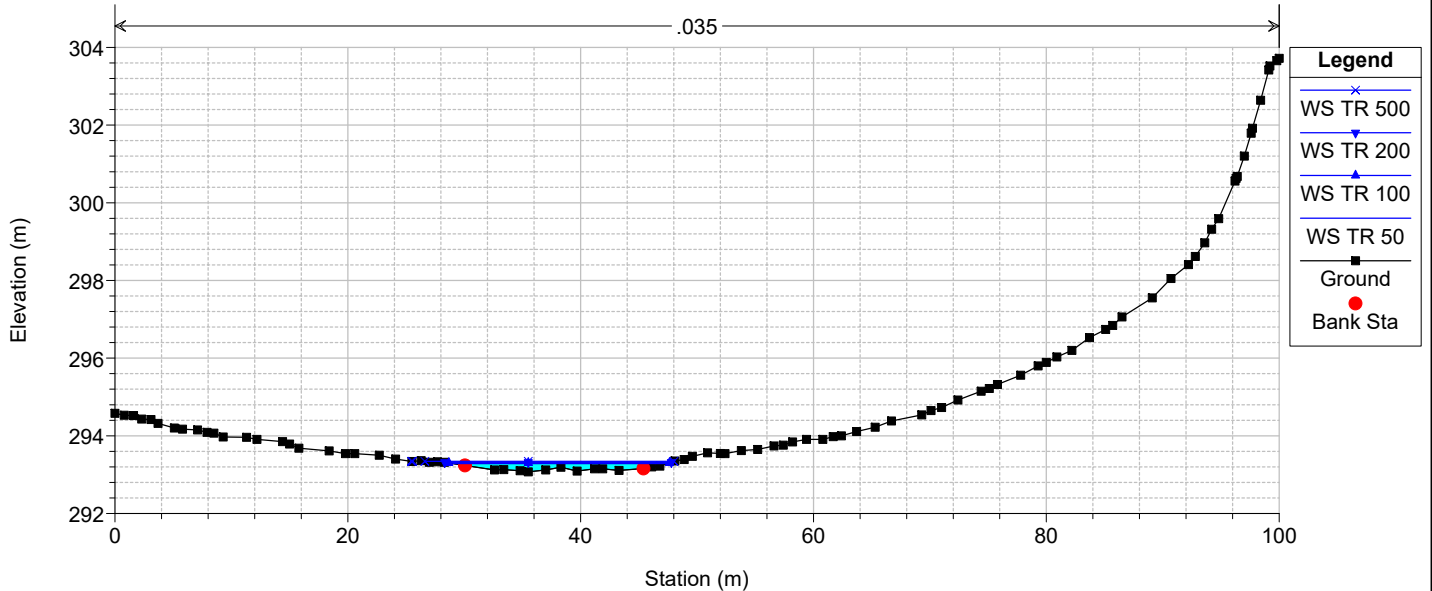
River = asta 4-3 Reach = 4-3 RS = 1400 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

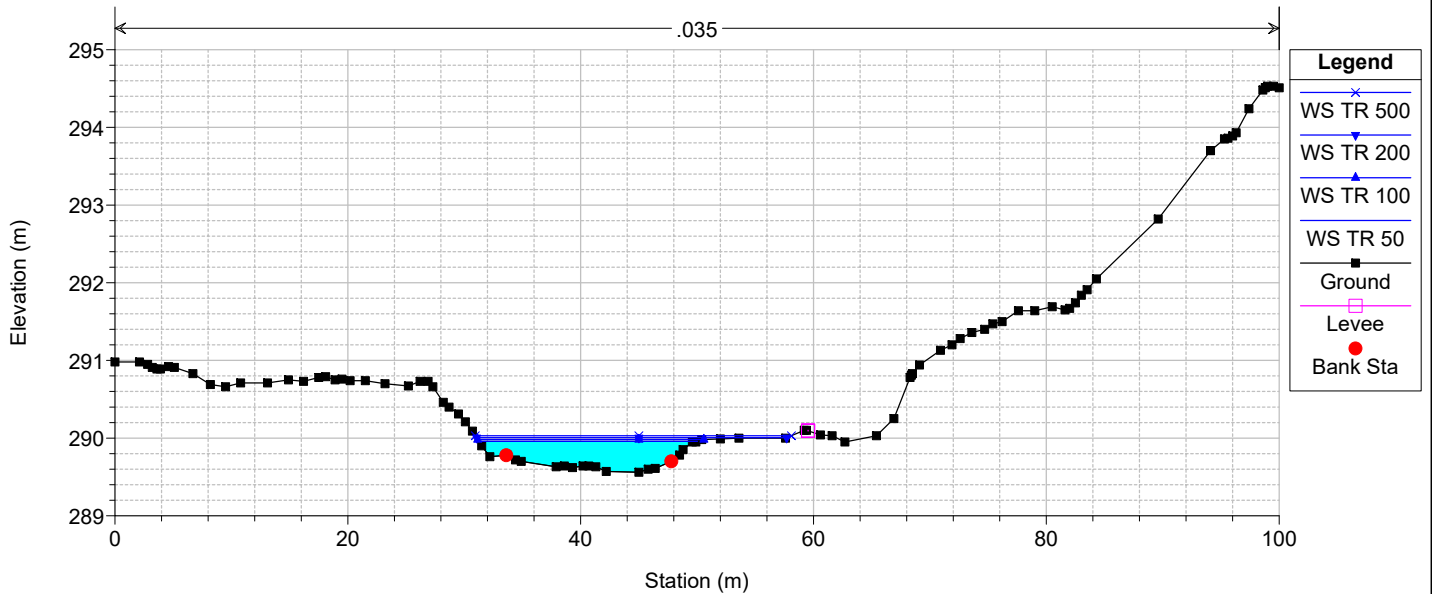
River = asta 4-3 Reach = 4-3 RS = 1350 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

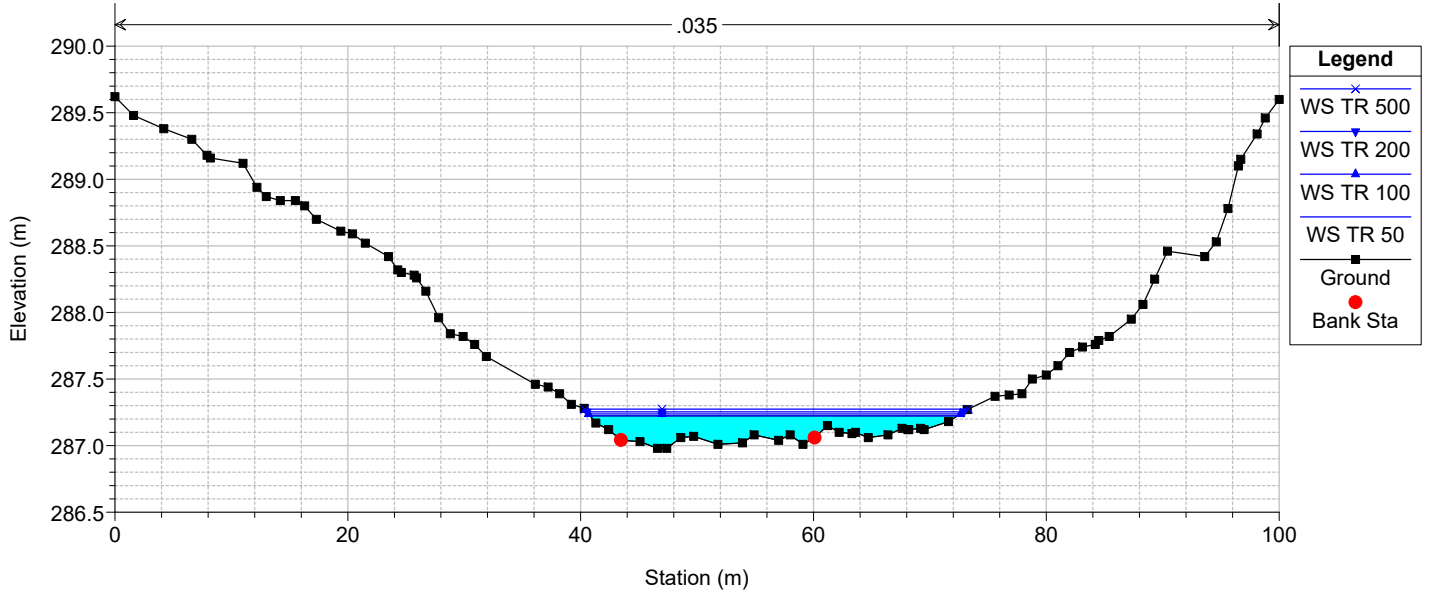
River = asta 4-3 Reach = 4-3 RS = 1300 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

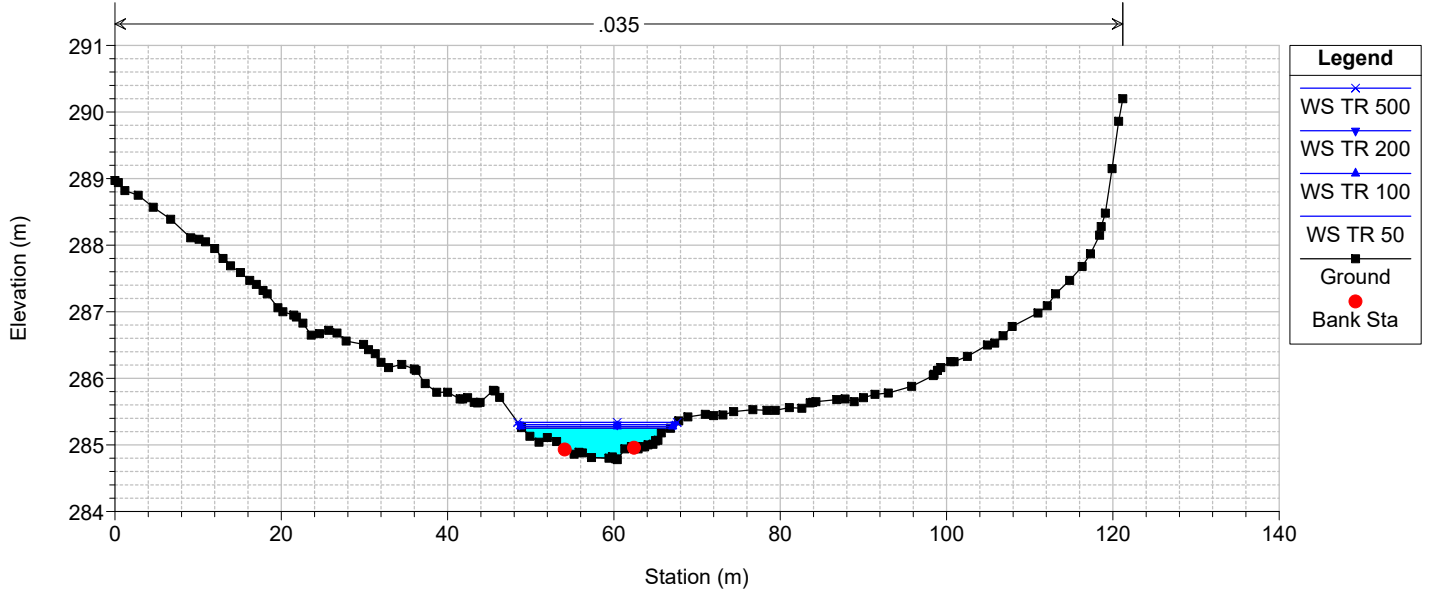
River = asta 4-3 Reach = 4-3 RS = 1250 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

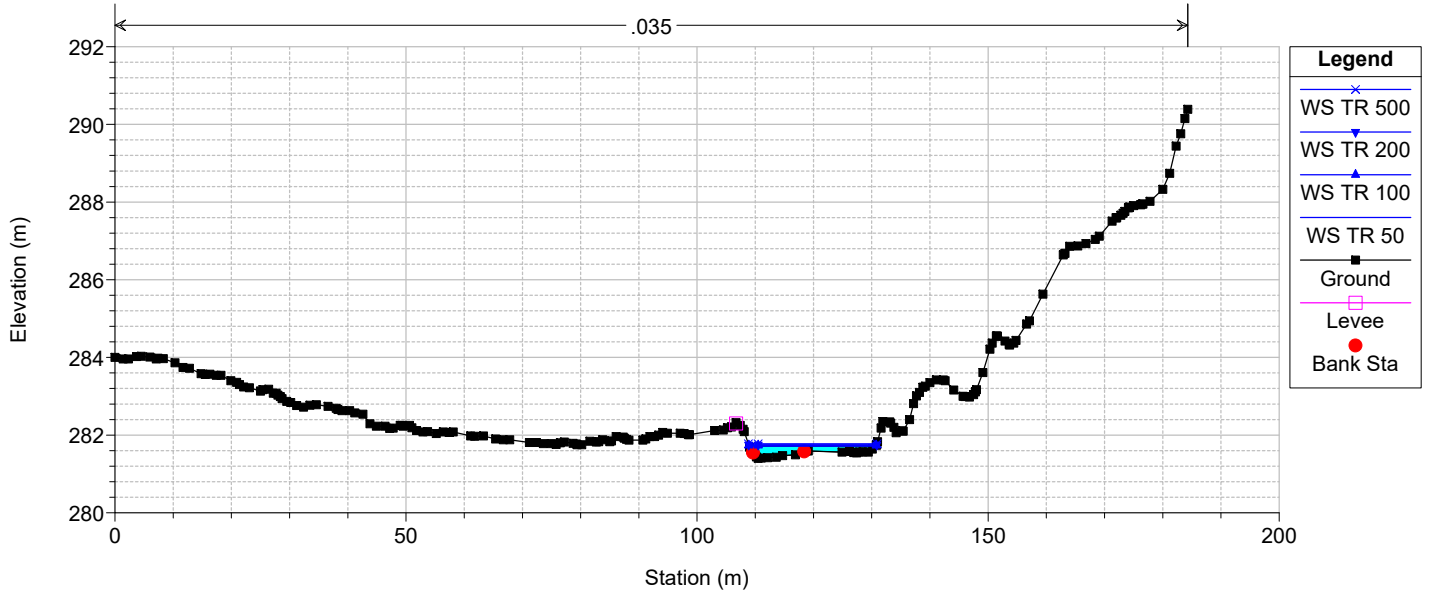
River = asta 4-3 Reach = 4-3 RS = 1213.214 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

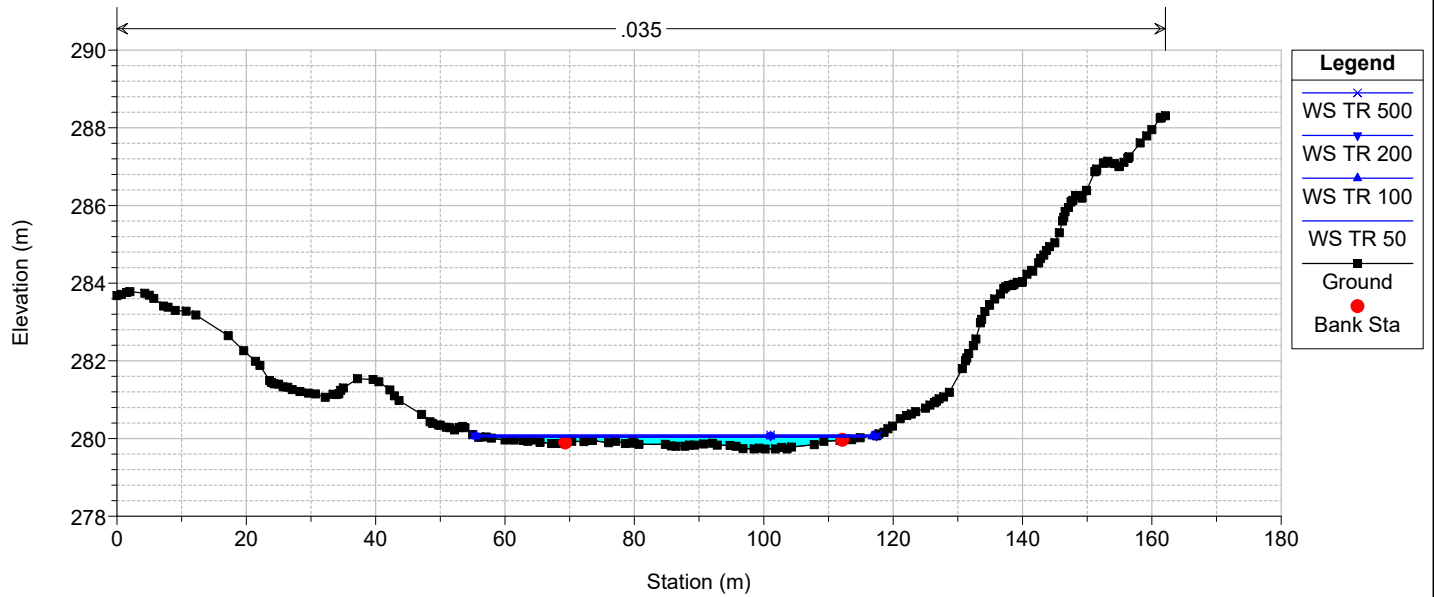
River = asta 4-3 Reach = 4-3 RS = 1153.243 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

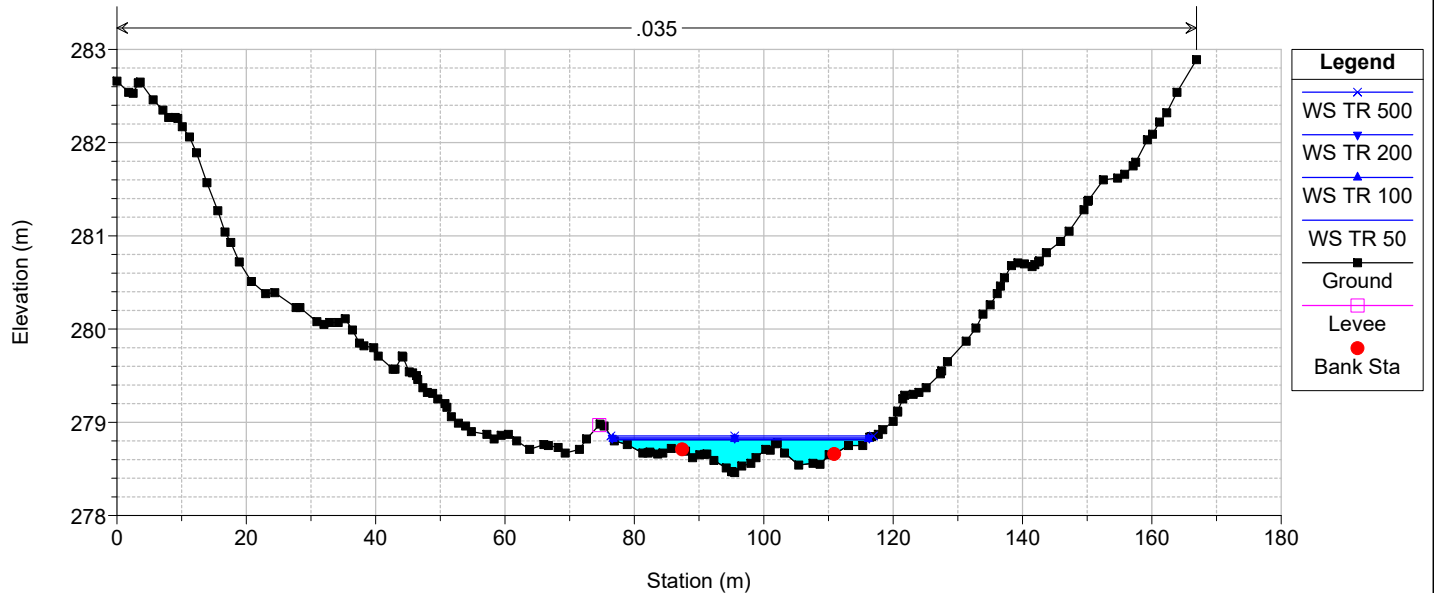
River = asta 4-3 Reach = 4-3 RS = 1090.427 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

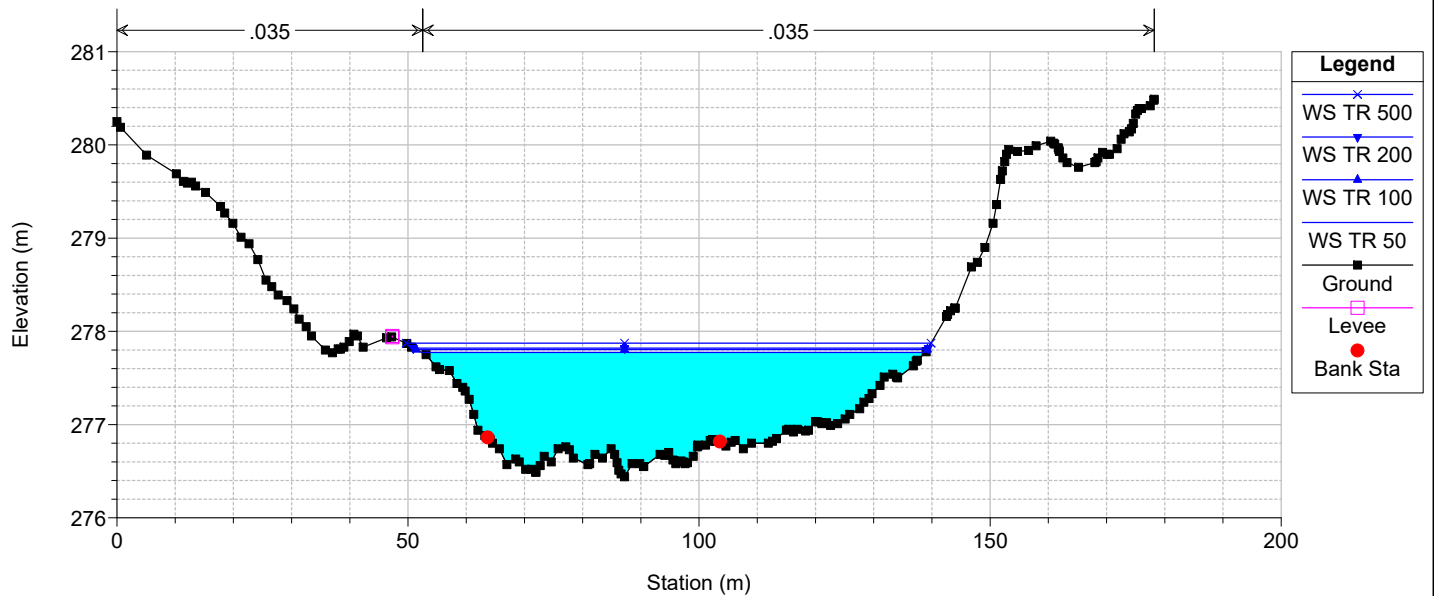
River = asta 4-3 Reach = 4-3 RS = 1054.255 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

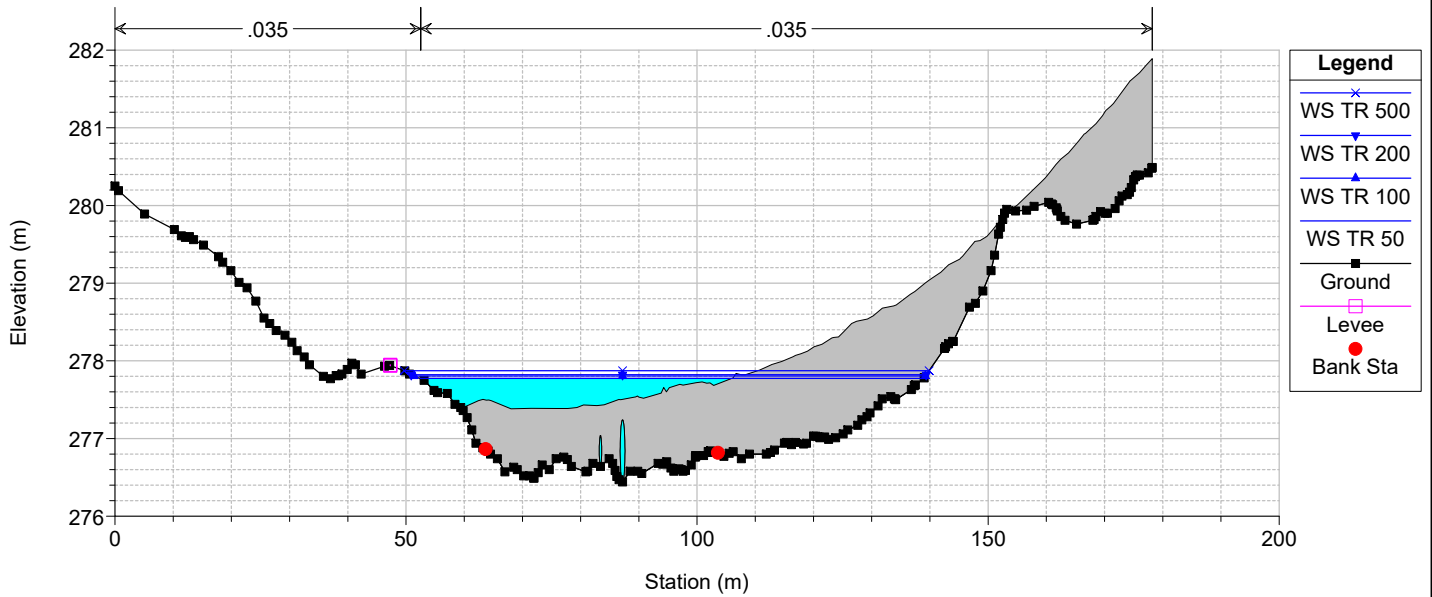
River = asta 4-3 Reach = 4-3 RS = 1000.873 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

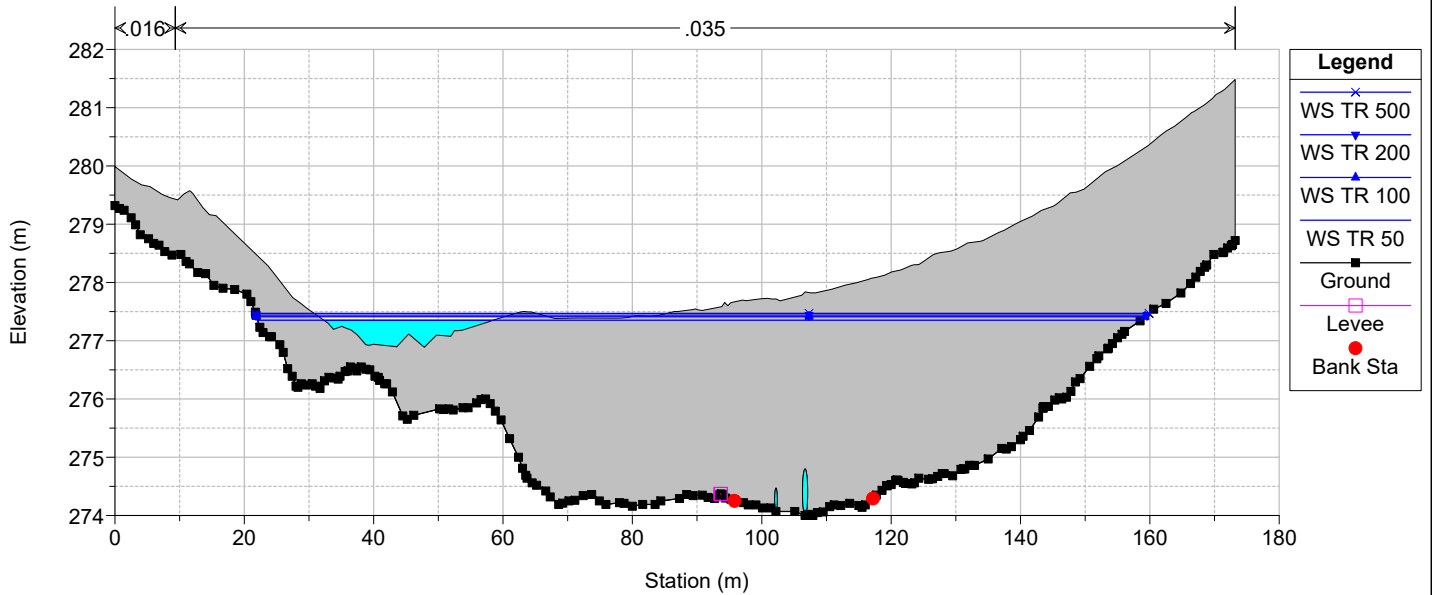
River = asta 4-3 Reach = 4-3 RS = 989.0557 Culv COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

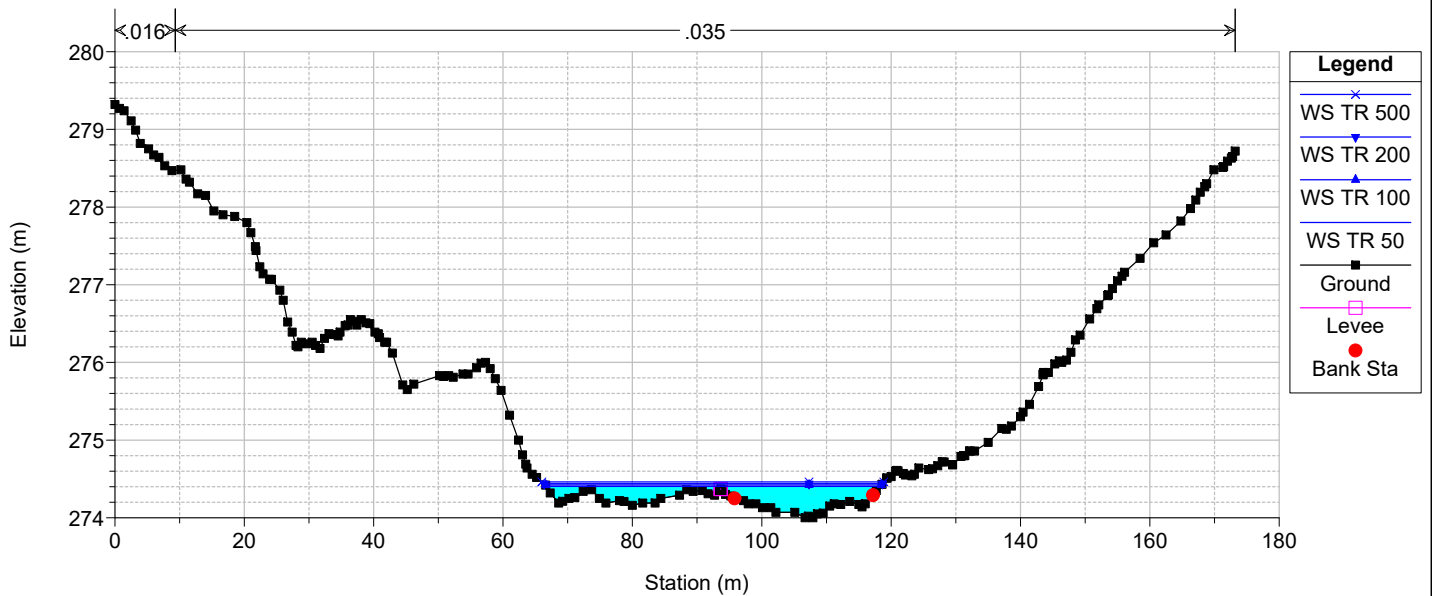
River = asta 4-3 Reach = 4-3 RS = 989.0557 Culv COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

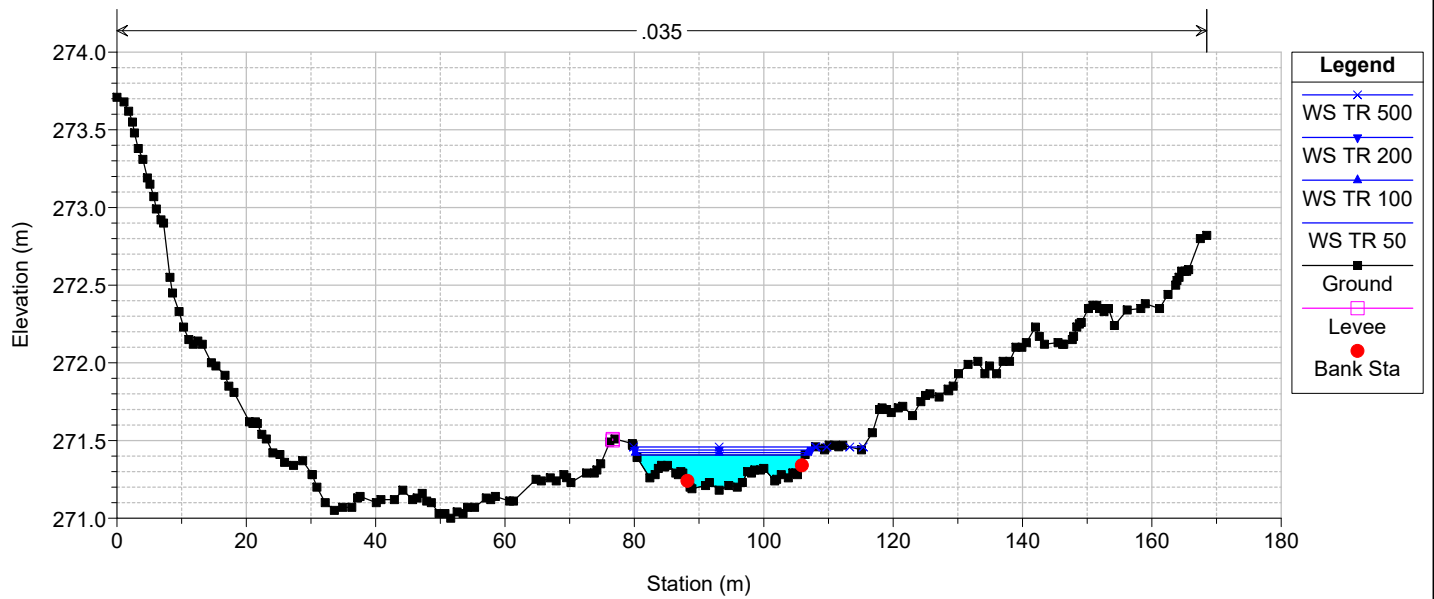
River = asta 4-3 Reach = 4-3 RS = 970.9890 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

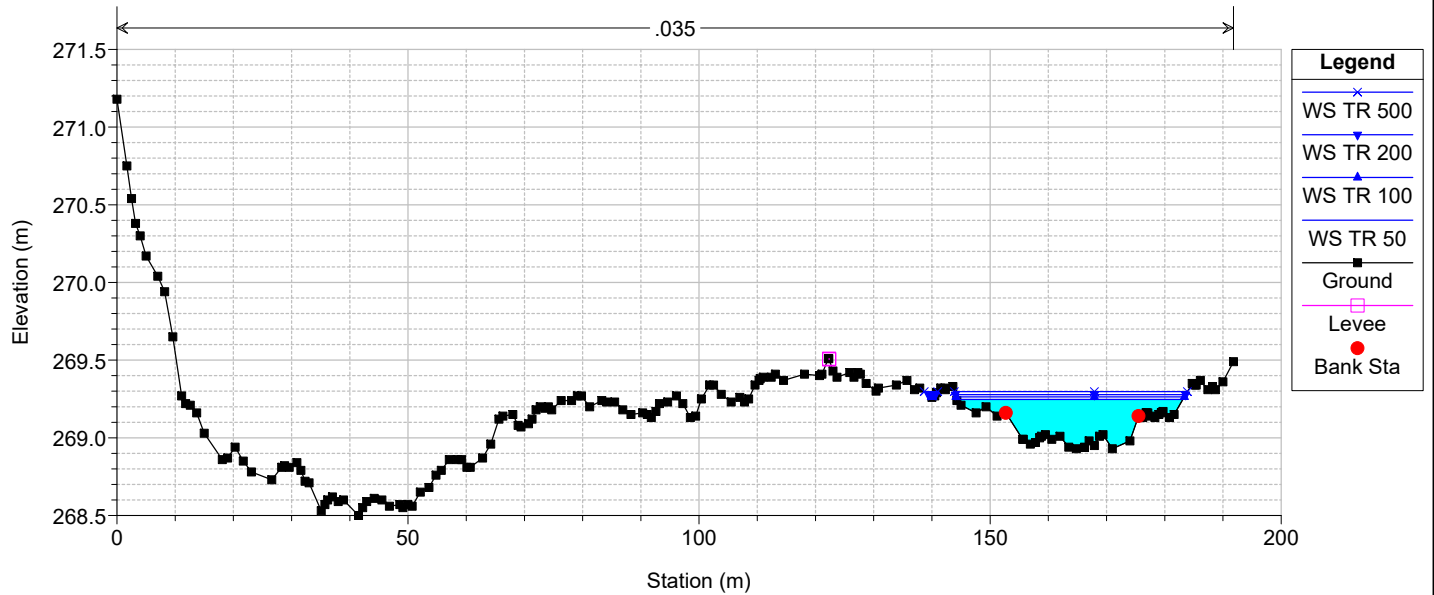
River = asta 4-3 Reach = 4-3 RS = 902.9309 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

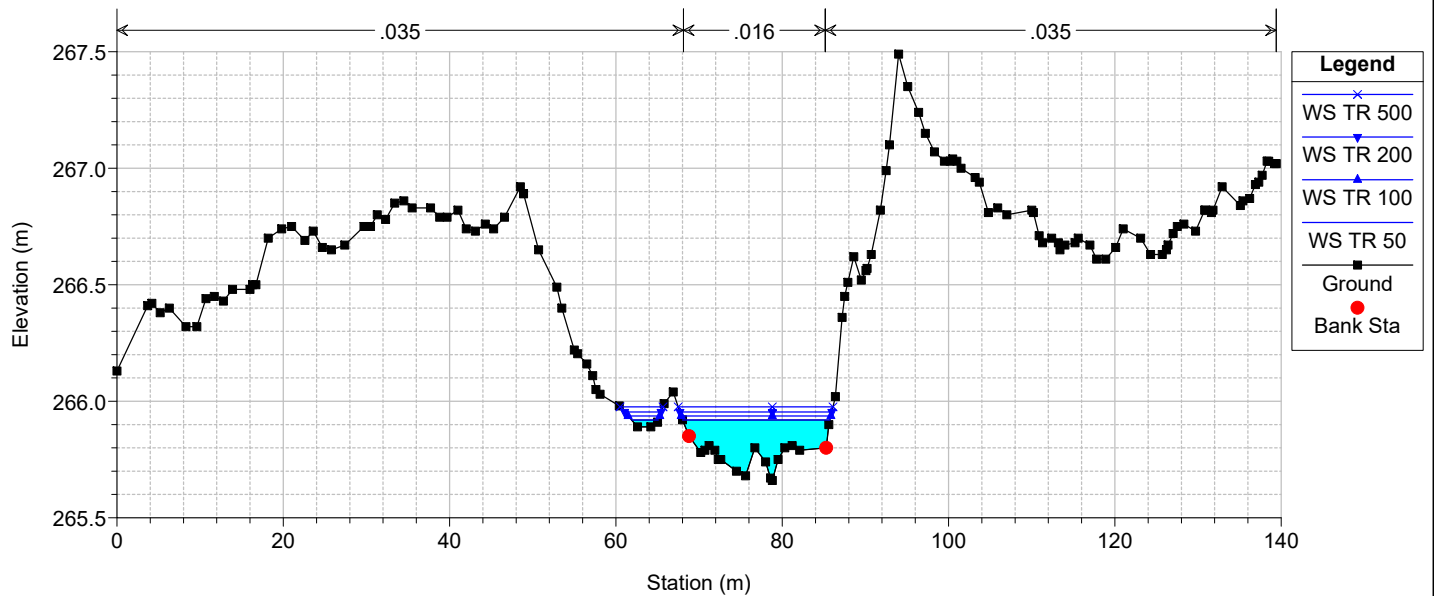
River = asta 4-3 Reach = 4-3 RS = 859.7747 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

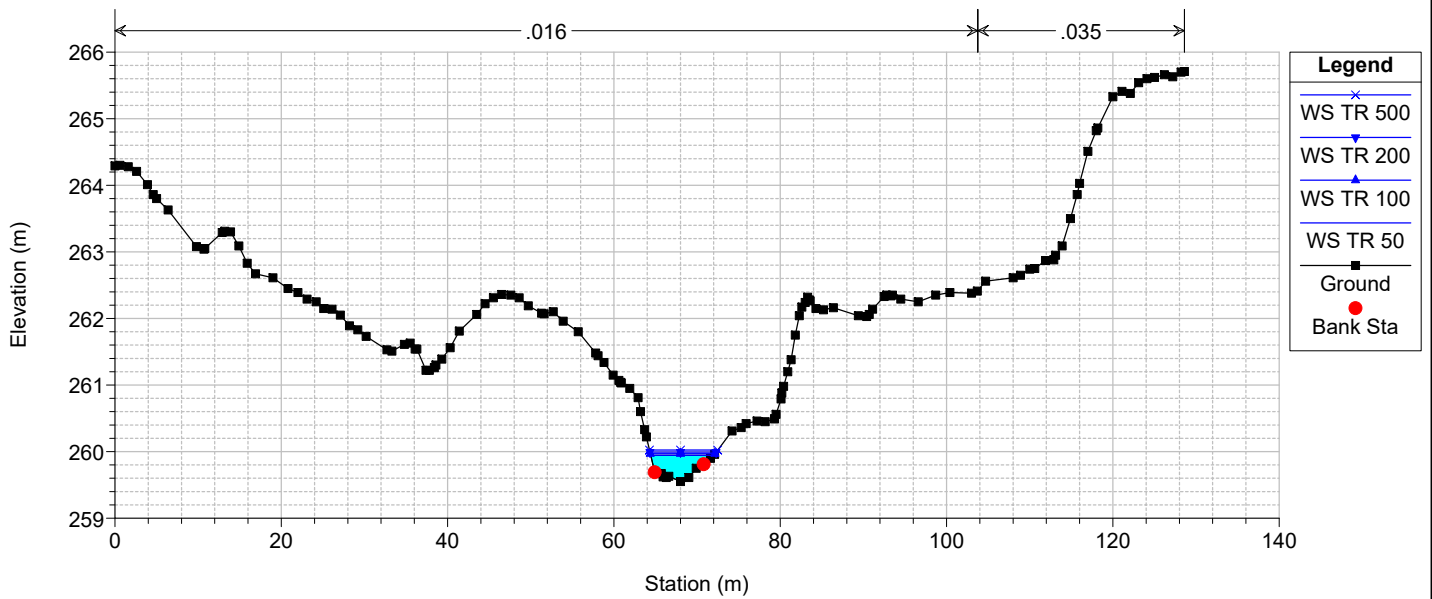
River = asta 4-3 Reach = 4-3 RS = 806.6507 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

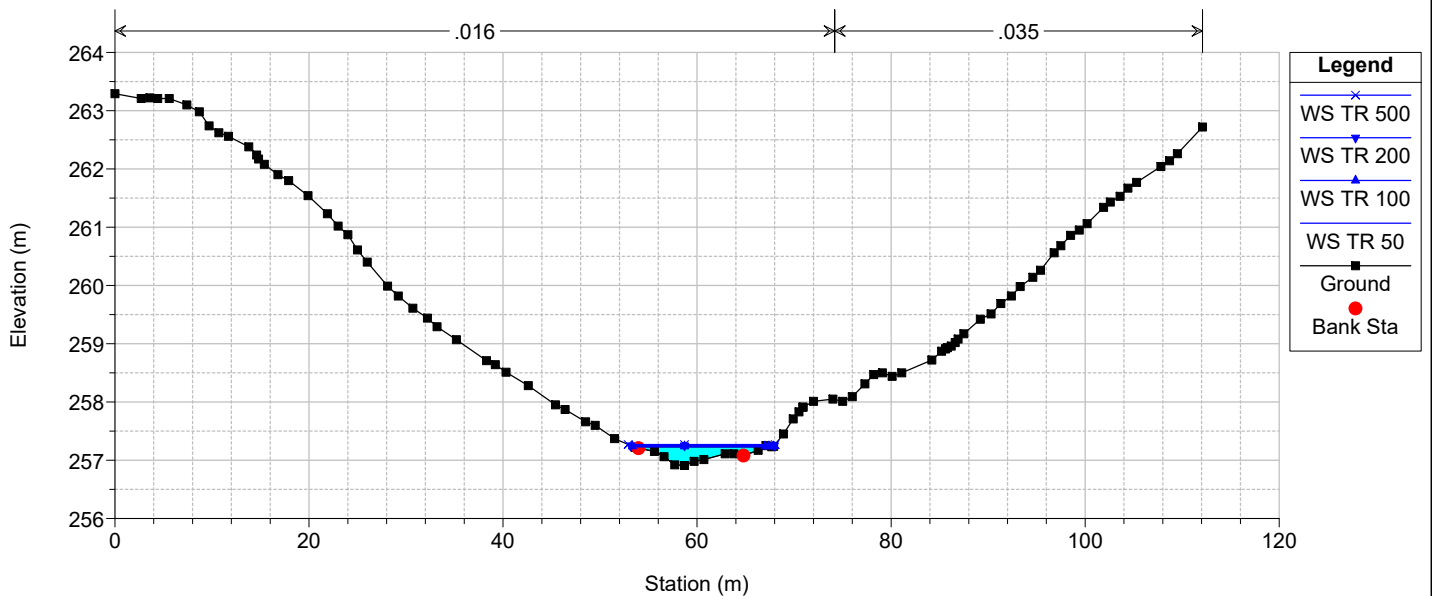
River = asta 4-3 Reach = 4-3 RS = 734.4127 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

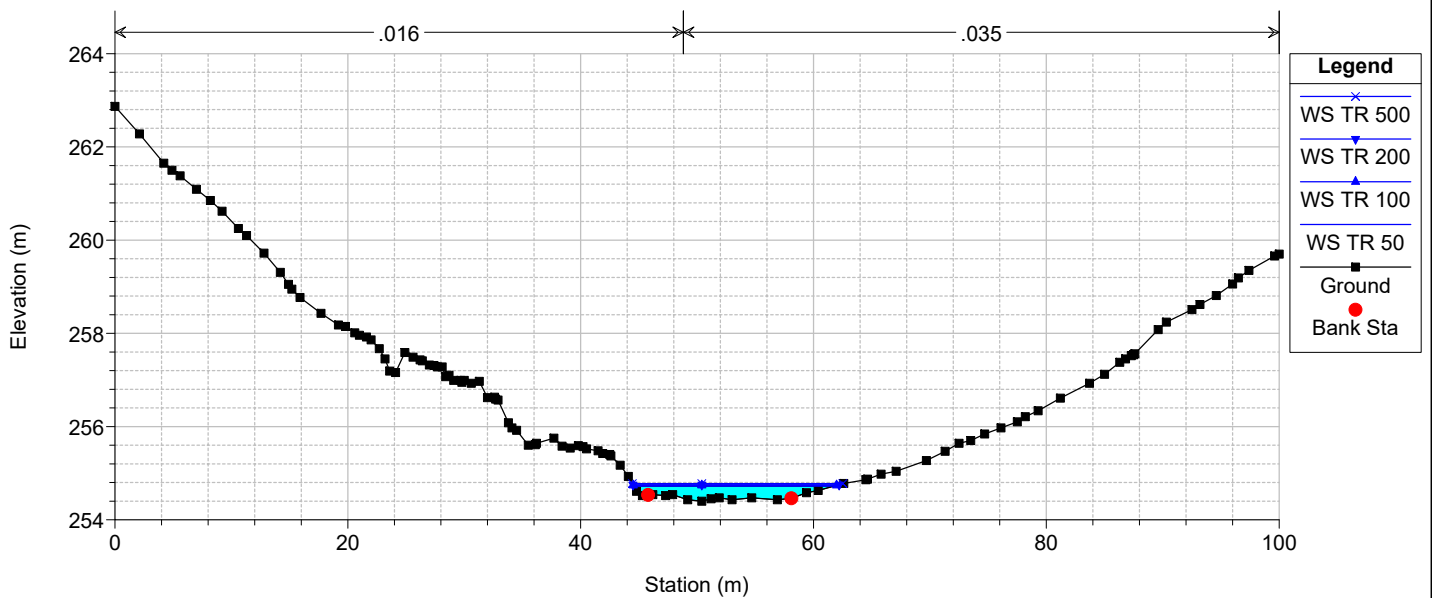
River = asta 4-3 Reach = 4-3 RS = 694.9452 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

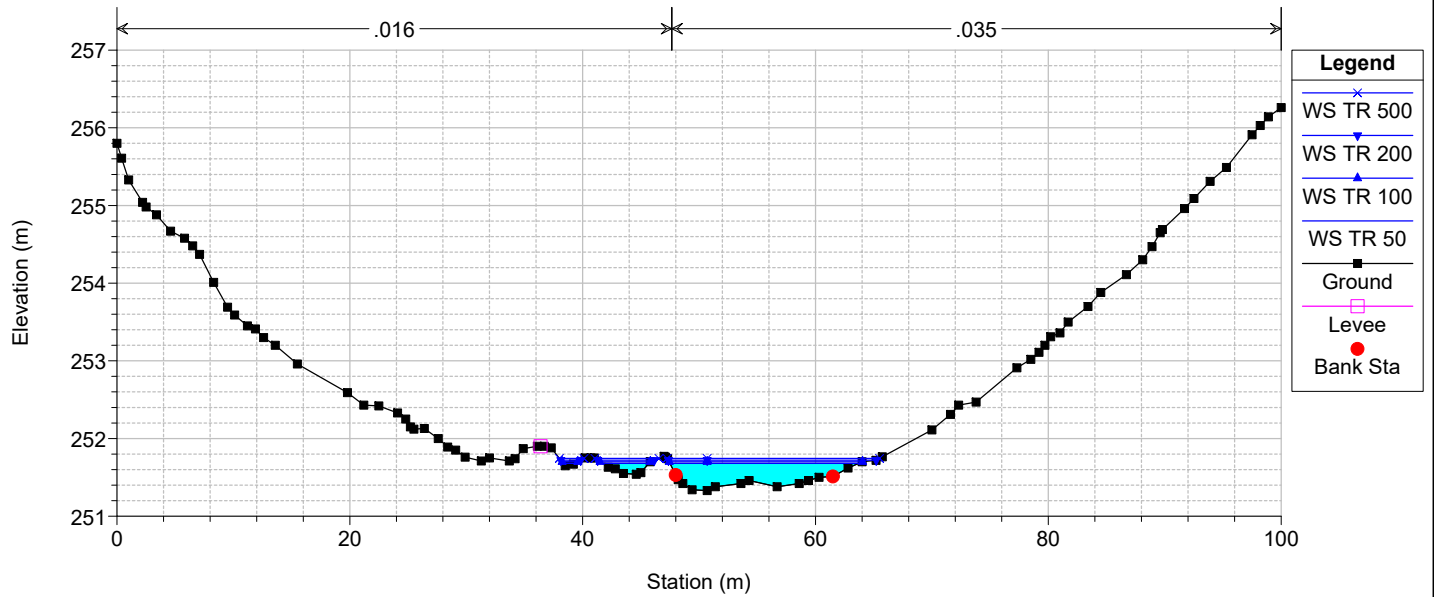
River = asta 4-3 Reach = 4-3 RS = 650 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

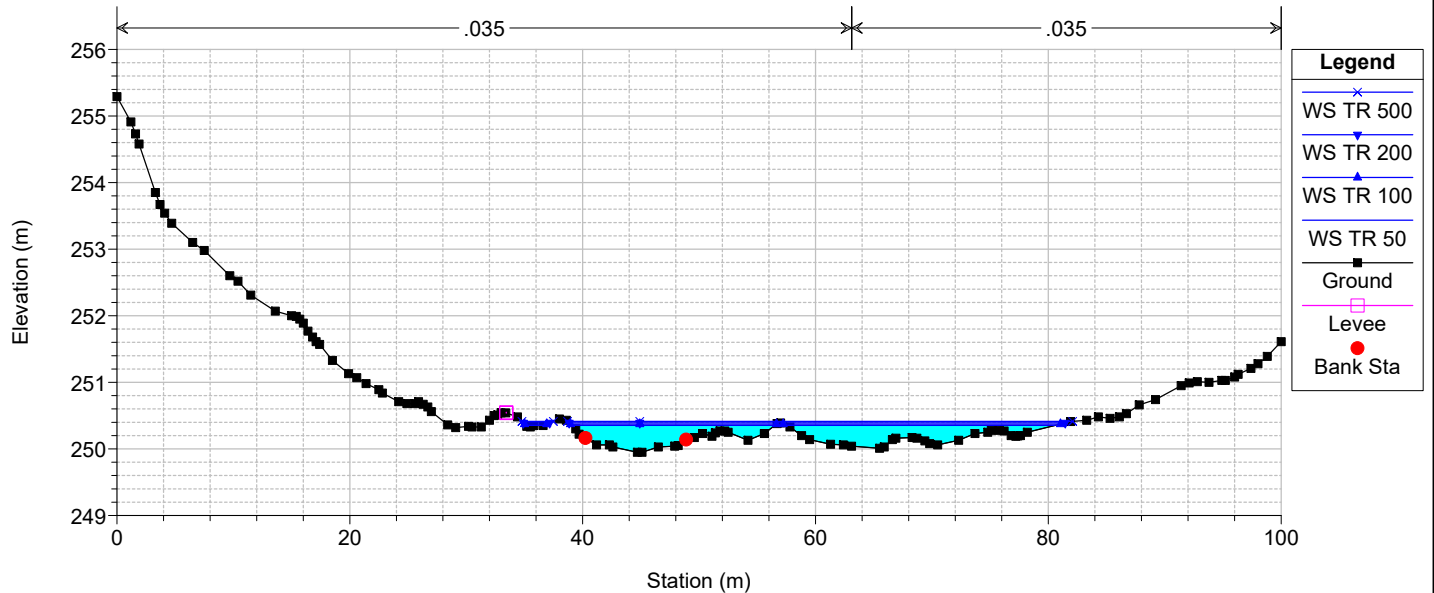
River = asta 4-3 Reach = 4-3 RS = 600 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

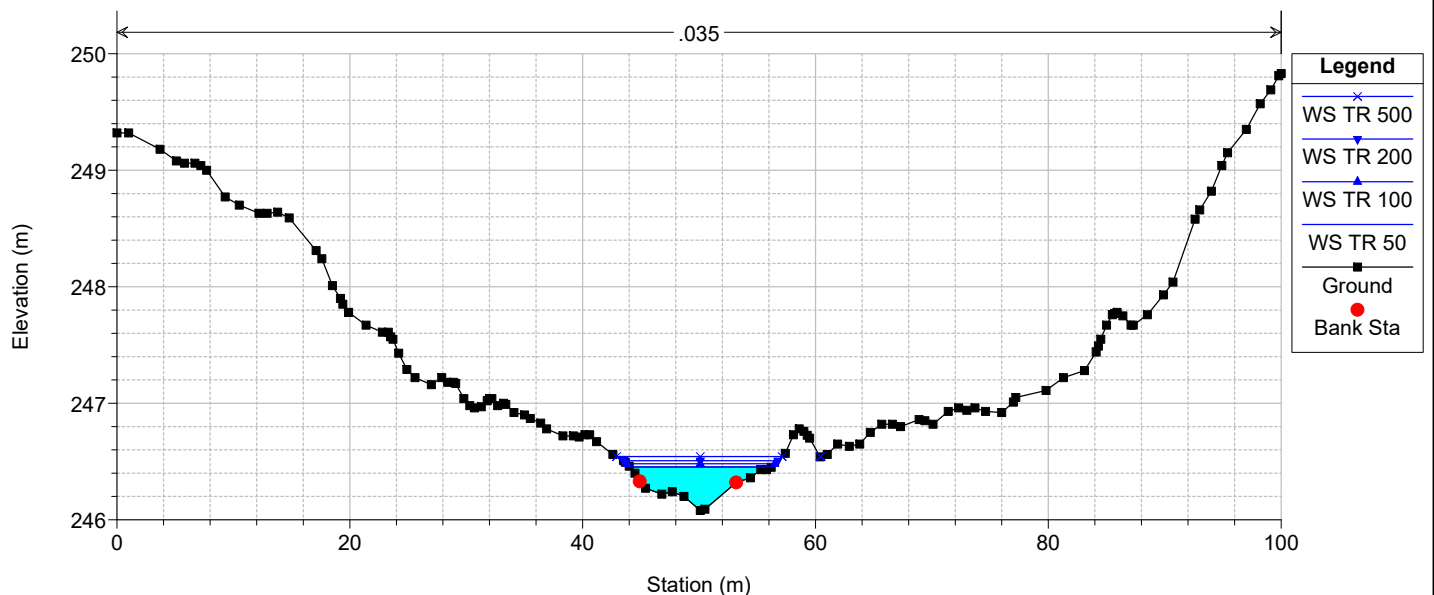
River = asta 4-3 Reach = 4-3 RS = 550 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

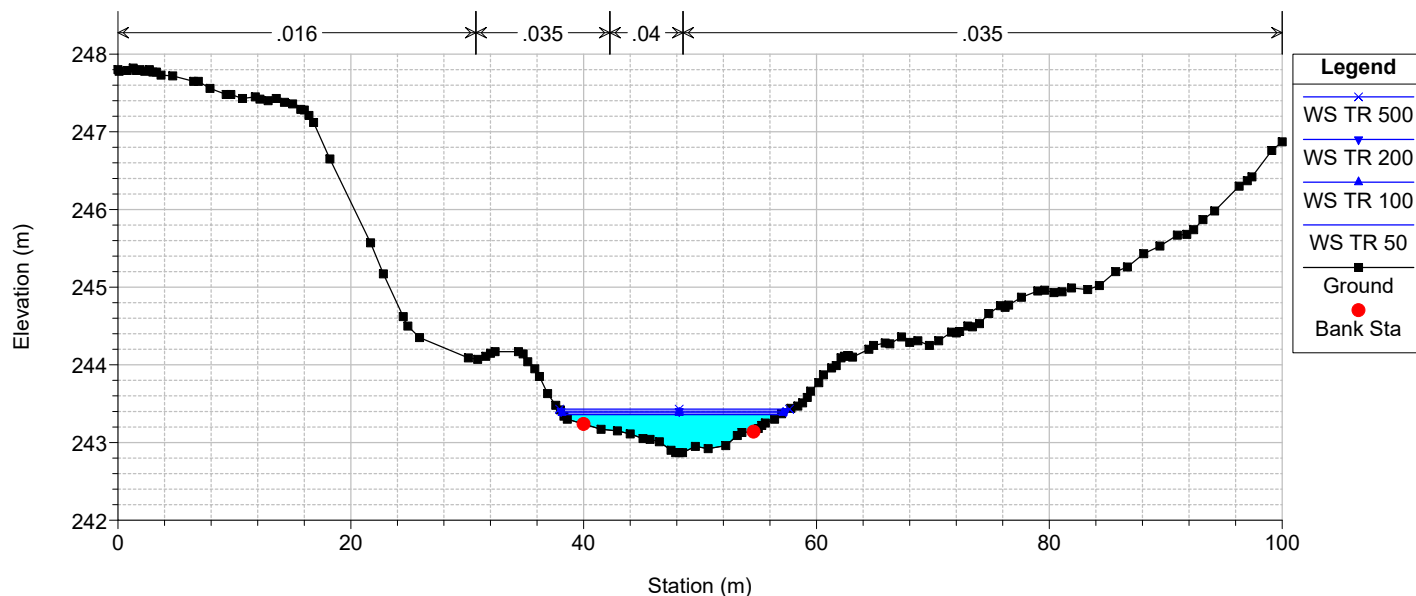
River = asta 4-3 Reach = 4-3 RS = 500.0000 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

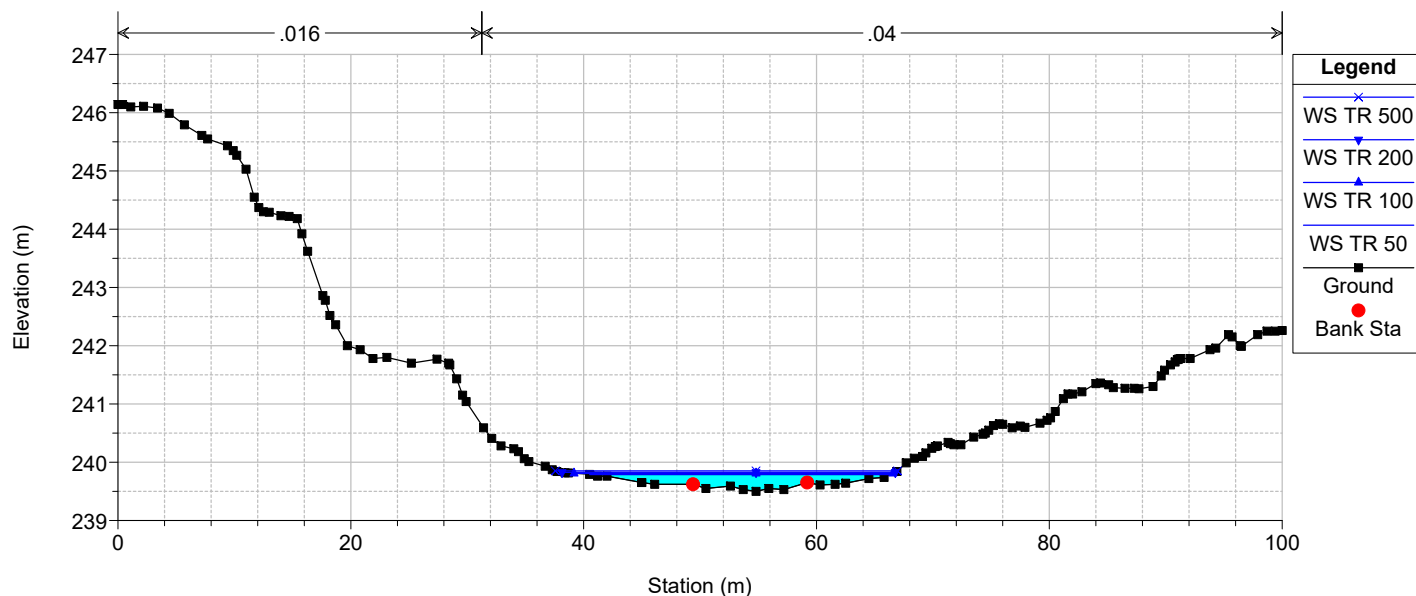
River = asta 4-3 Reach = 4-3 RS = 450 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

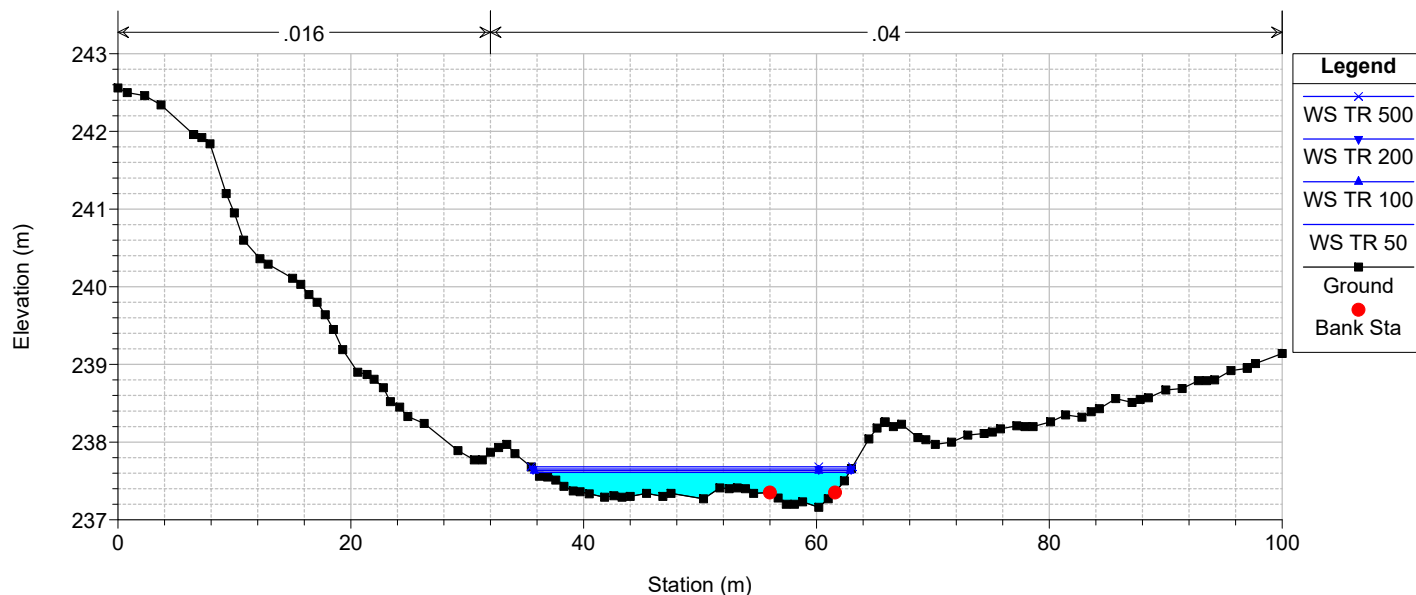
River = asta 4-3 Reach = 4-3 RS = 400 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

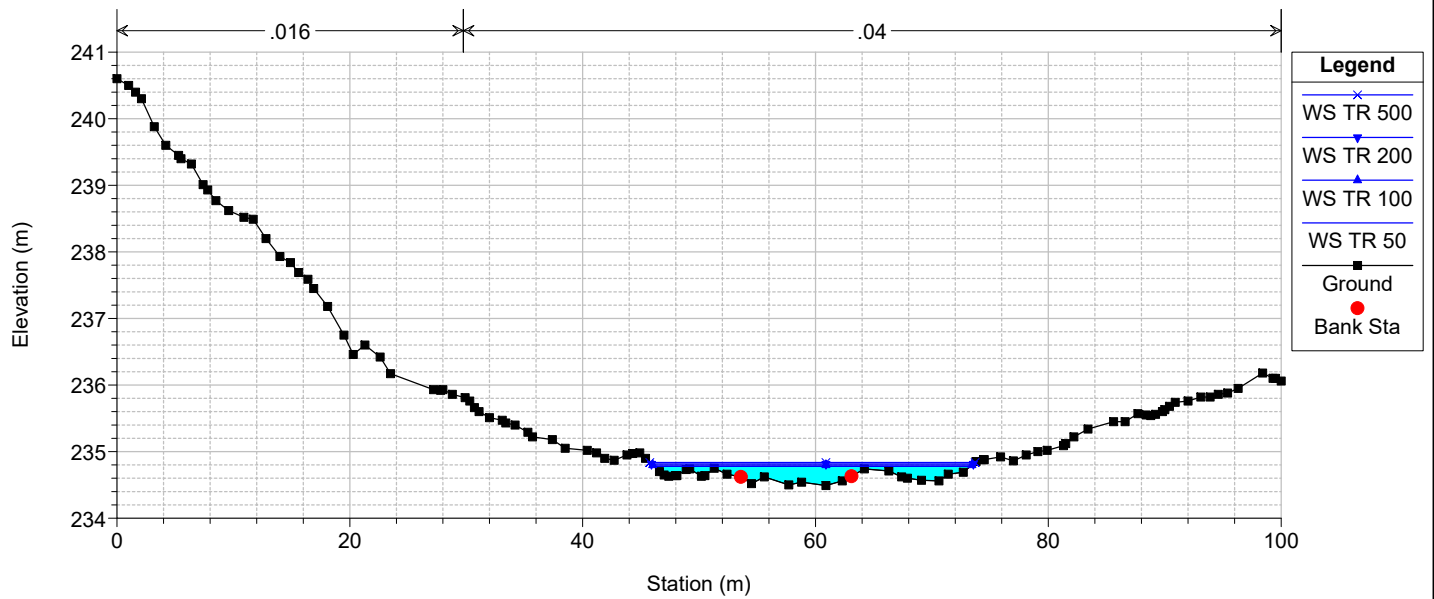
River = asta 4-3 Reach = 4-3 RS = 350 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

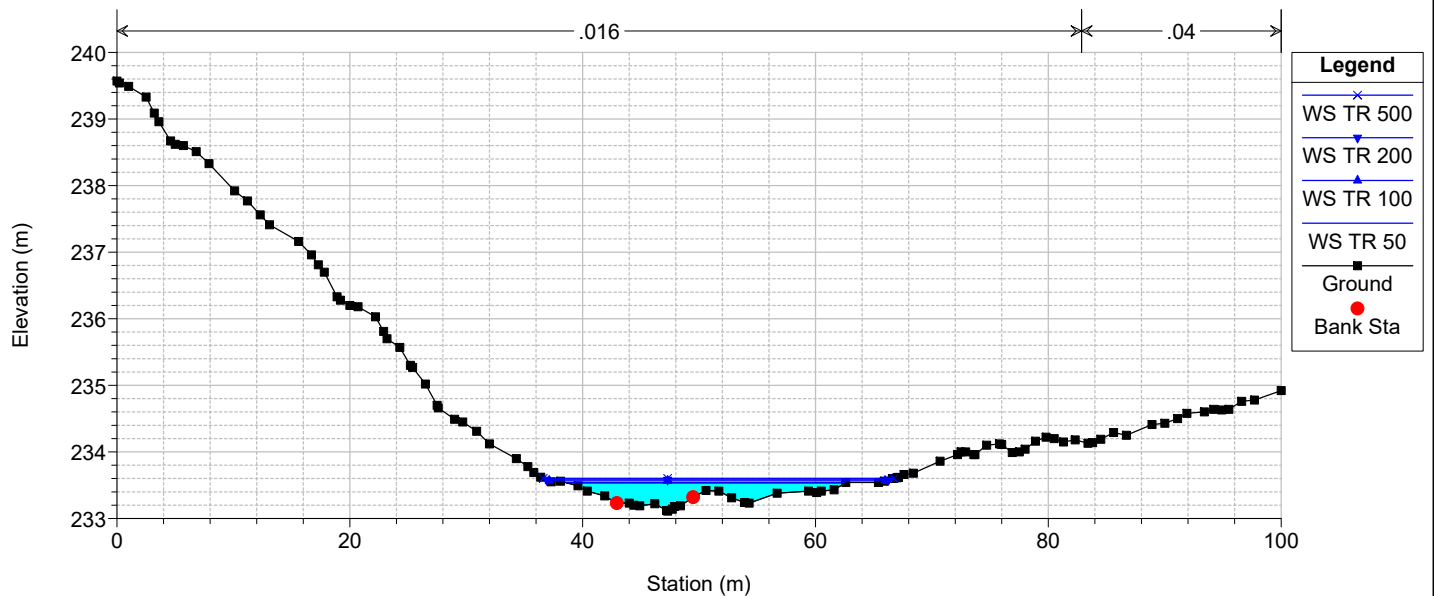
River = asta 4-3 Reach = 4-3 RS = 300 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

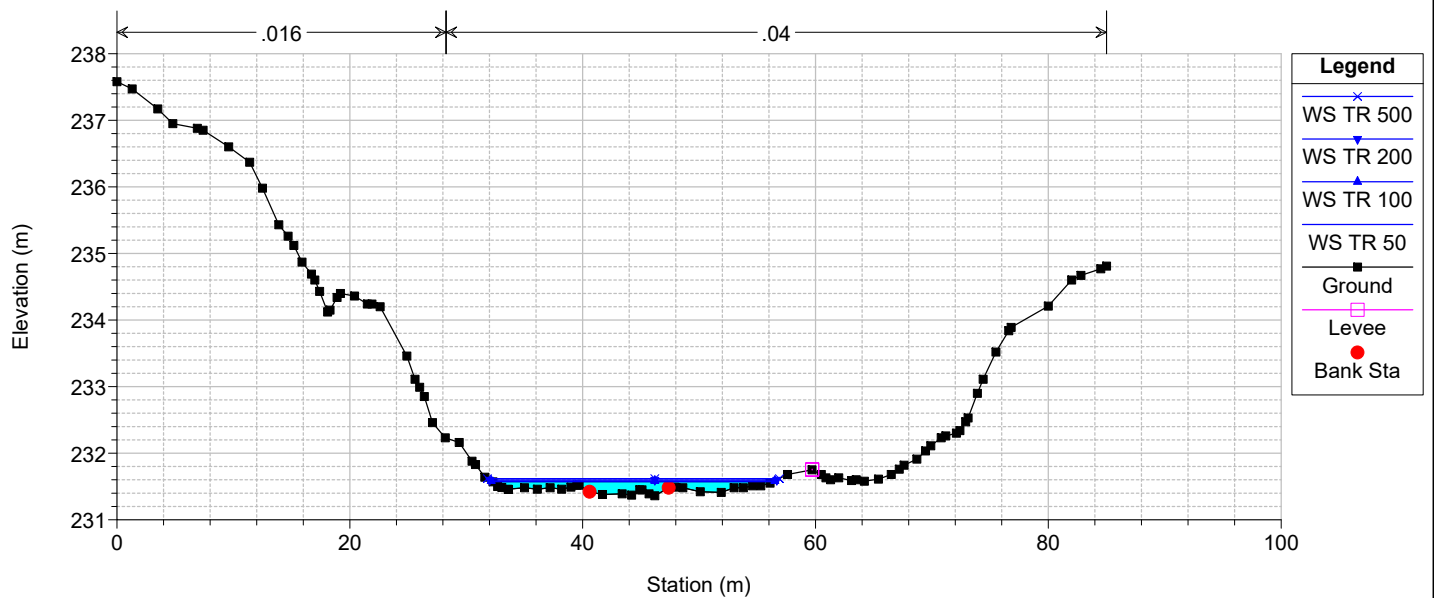
River = asta 4-3 Reach = 4-3 RS = 250.0000 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

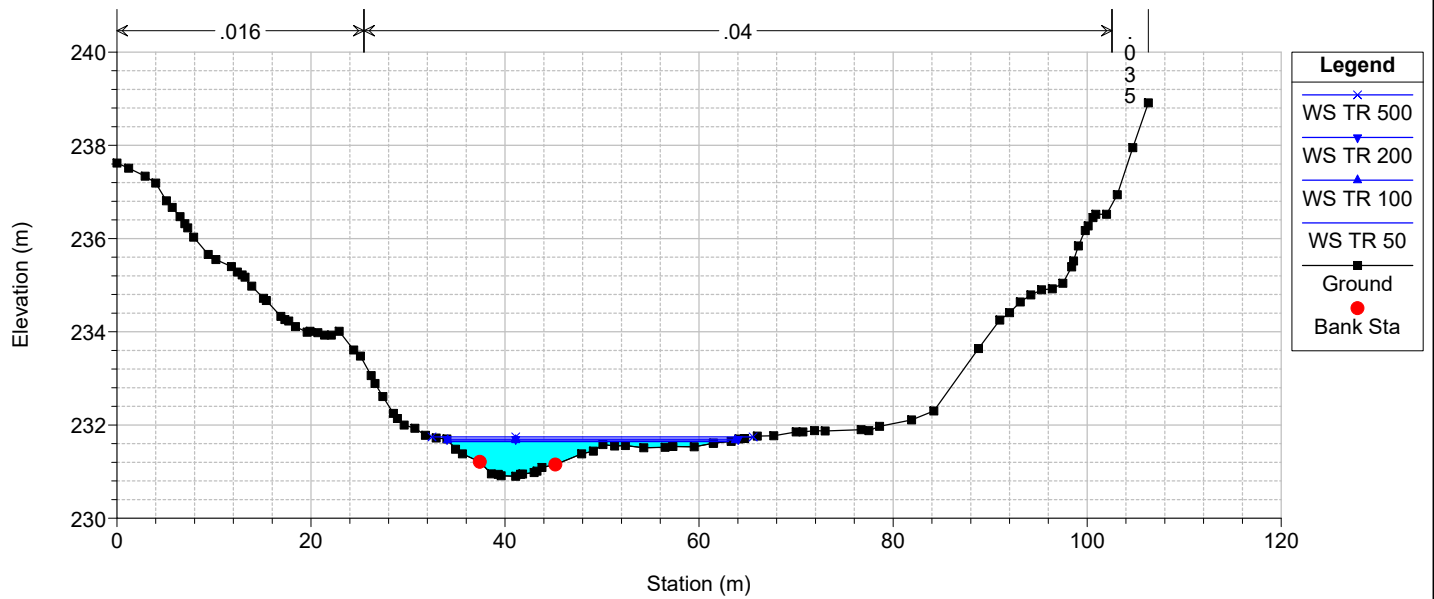
River = asta 4-3 Reach = 4-3 RS = 212.8604 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

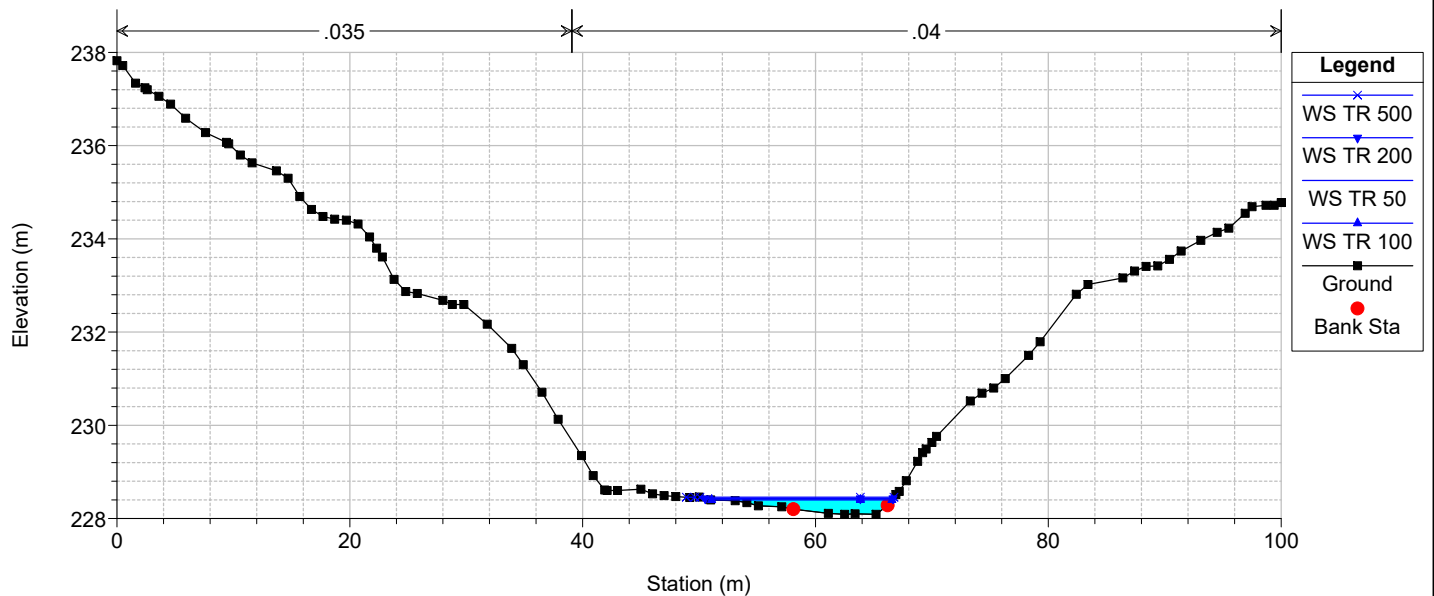
River = asta 4-3 Reach = 4-3 RS = 160.2335 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

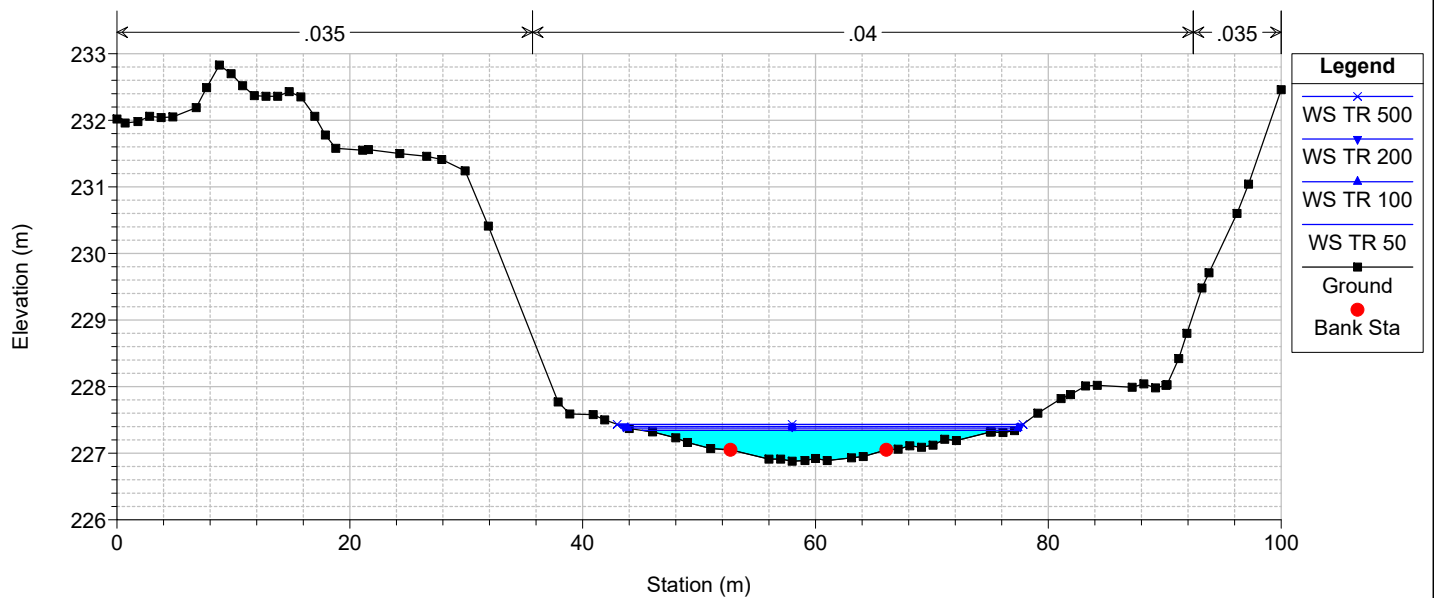
River = asta 4-3 Reach = 4-3 RS = 100 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

River = asta 4-3 Reach = 4-3 RS = 50 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI

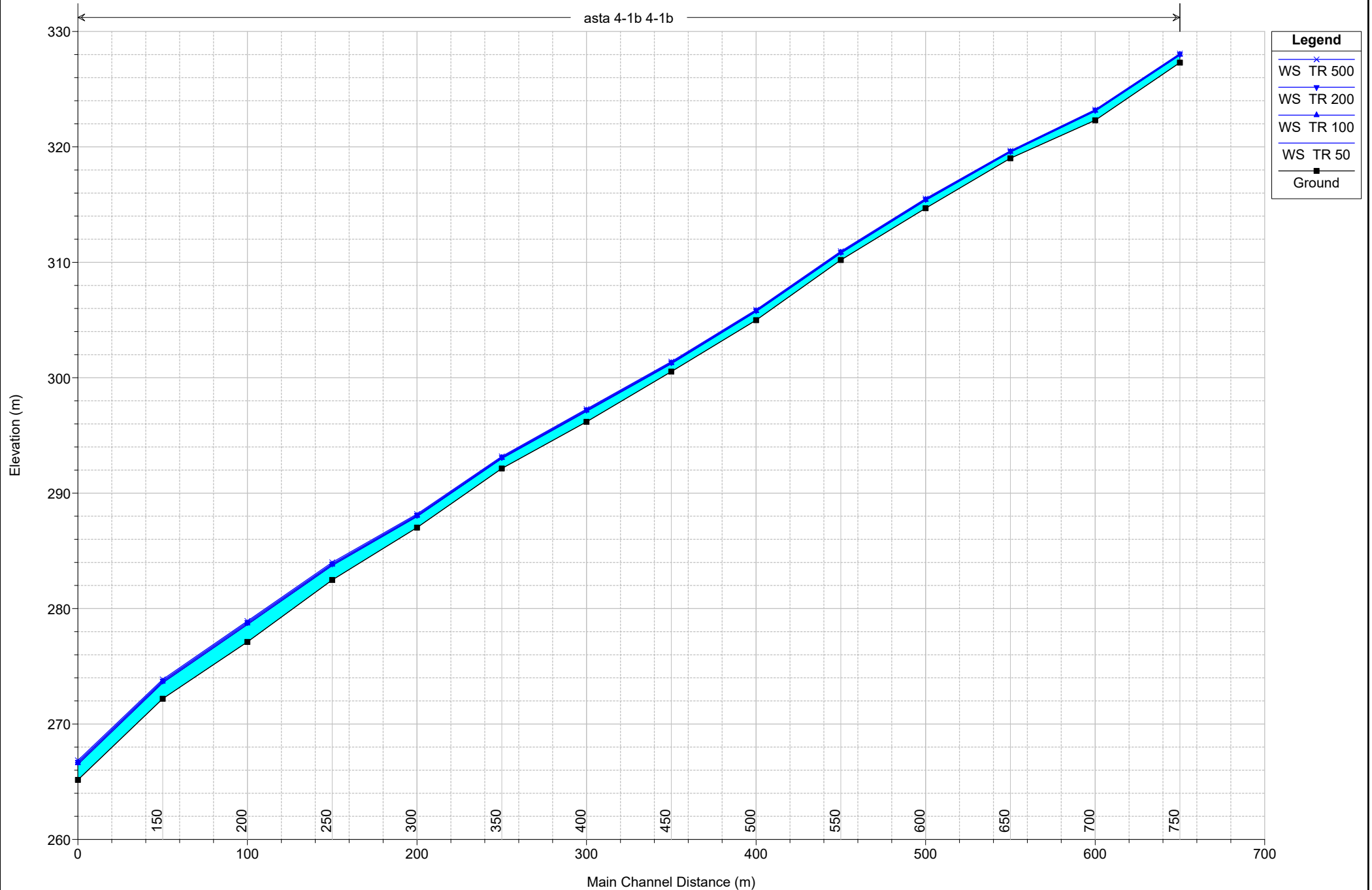


Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
4-3	1400	TR 50	12.29	296.13	296.56	296.56	296.67	0.013866	1.71	8.94	38.38	0.91
4-3	1400	TR 100	14.09	296.13	296.58	296.58	296.70	0.013877	1.78	9.82	39.16	0.92
4-3	1400	TR 200	15.93	296.13	296.60	296.60	296.73	0.013772	1.84	10.72	39.93	0.92
4-3	1400	TR 500	18.51	296.13	296.63	296.63	296.77	0.013658	1.92	11.91	40.81	0.93
4-3	1350	TR 50	12.29	293.07	293.29	293.50	294.58	0.401233	5.11	2.48	18.40	4.21
4-3	1350	TR 100	14.09	293.07	293.30	293.53	294.65	0.360175	5.21	2.80	18.95	4.06
4-3	1350	TR 200	15.93	293.07	293.32	293.59	294.71	0.330011	5.32	3.12	19.47	3.95
4-3	1350	TR 500	18.51	293.07	293.34	293.61	294.79	0.297973	5.45	3.59	21.48	3.83
4-3	1300	TR 50	12.29	289.56	289.96	290.07	290.26	0.033421	2.47	5.24	18.78	1.38
4-3	1300	TR 100	14.09	289.56	289.98	290.11	290.32	0.034523	2.63	5.68	19.43	1.42
4-3	1300	TR 200	15.93	289.56	290.01	290.13	290.38	0.035458	2.79	6.22	26.63	1.46
4-3	1300	TR 500	18.51	289.56	290.03	290.17	290.45	0.036828	2.97	6.91	27.15	1.50
4-3	1250	TR 50	12.29	286.98	287.22	287.33	287.60	0.097429	2.93	4.70	31.54	2.15
4-3	1250	TR 100	14.09	286.98	287.24	287.36	287.64	0.094139	3.03	5.20	31.96	2.15
4-3	1250	TR 200	15.93	286.98	287.25	287.39	287.69	0.092398	3.15	5.66	32.35	2.15
4-3	1250	TR 500	18.51	286.98	287.27	287.42	287.74	0.088638	3.27	6.33	32.92	2.14
4-3	1213.214	TR 50	12.29	284.78	285.25	285.36	285.60	0.034305	2.85	5.02	17.87	1.45
4-3	1213.214	TR 100	14.09	284.78	285.28	285.39	285.66	0.034578	2.99	5.50	18.29	1.47
4-3	1213.214	TR 200	15.93	284.78	285.31	285.42	285.72	0.034747	3.11	5.98	18.67	1.49
4-3	1213.214	TR 500	18.51	284.78	285.34	285.45	285.79	0.035043	3.28	6.61	19.17	1.51
4-3	1153.243	TR 50	12.29	281.40	281.72	281.86	282.26	0.101164	3.63	3.97	21.69	2.30
4-3	1153.243	TR 100	14.09	281.40	281.73	281.89	282.32	0.099296	3.77	4.37	21.85	2.31
4-3	1153.243	TR 200	15.93	281.40	281.75	281.92	282.38	0.098010	3.90	4.75	21.99	2.32
4-3	1153.243	TR 500	18.51	281.40	281.77	281.96	282.46	0.096081	4.07	5.26	22.11	2.33
4-3	1090.427	TR 50	12.29	279.73	280.04	280.04	280.13	0.020444	1.36	9.56	59.29	0.99
4-3	1090.427	TR 100	14.09	279.73	280.06	280.06	280.15	0.018394	1.38	10.87	61.23	0.96
4-3	1090.427	TR 200	15.93	279.73	280.07	280.07	280.17	0.017850	1.43	11.89	62.10	0.95
4-3	1090.427	TR 500	18.51	279.73	280.10	280.10	280.20	0.017398	1.50	13.21	62.54	0.96
4-3	1054.255	TR 50	12.29	278.46	278.81	278.88	279.03	0.047741	2.17	6.26	39.27	1.53
4-3	1054.255	TR 100	14.09	278.46	278.82	278.90	279.07	0.053078	2.35	6.62	39.47	1.62
4-3	1054.255	TR 200	15.93	278.46	278.83	278.92	279.11	0.053917	2.47	7.13	39.76	1.65
4-3	1054.255	TR 500	18.51	278.46	278.85	278.95	279.16	0.053420	2.59	7.91	40.58	1.67
4-3	1000.873	TR 50	12.29	276.44	277.77	276.86	277.77	0.000039	0.19	72.93	86.50	0.06
4-3	1000.873	TR 100	14.09	276.44	277.80	276.88	277.81	0.000046	0.21	75.70	87.84	0.06
4-3	1000.873	TR 200	15.93	276.44	277.82	276.90	277.82	0.000055	0.24	77.08	88.47	0.07
4-3	1000.873	TR 500	18.51	276.44	277.87	276.92	277.88	0.000063	0.26	81.75	90.16	0.07
4-3	989.0557		Culvert									
4-3	970.9890	TR 50	12.29	274.00	274.40	274.40	274.49	0.014702	1.46	9.93	51.60	0.89
4-3	970.9890	TR 100	14.09	274.00	274.42	274.42	274.52	0.014796	1.53	10.84	51.94	0.90
4-3	970.9890	TR 200	15.93	274.00	274.44	274.44	274.54	0.015035	1.60	11.69	52.33	0.92
4-3	970.9890	TR 500	18.51	274.00	274.46	274.46	274.58	0.014927	1.67	12.92	52.86	0.93
4-3	902.9309	TR 50	12.29	271.18	271.41	271.51	272.02	0.182452	3.60	3.64	26.10	2.87
4-3	902.9309	TR 100	14.09	271.18	271.42	271.51	272.07	0.169722	3.70	4.06	26.65	2.81
4-3	902.9309	TR 200	15.93	271.18	271.44	271.51	272.11	0.157023	3.78	4.50	27.30	2.75
4-3	902.9309	TR 500	18.51	271.18	271.46	271.51	272.18	0.148891	3.92	5.08	31.82	2.72
4-3	859.7747	TR 50	12.29	268.93	269.25	269.29	269.42	0.027572	1.91	7.11	38.86	1.21
4-3	859.7747	TR 100	14.09	268.93	269.26	269.32	269.45	0.028522	2.02	7.74	39.47	1.24
4-3	859.7747	TR 200	15.93	268.93	269.28	269.32	269.49	0.029606	2.14	8.33	40.80	1.27
4-3	859.7747	TR 500	18.51	268.93	269.30	269.37	269.53	0.030613	2.27	9.15	42.32	1.31
4-3	806.6507	TR 50	12.29	265.66	265.92	266.13	267.08	0.072173	4.80	2.66	20.93	3.91
4-3	806.6507	TR 100	14.09	265.66	265.94	266.16	267.15	0.065765	4.92	3.03	21.80	3.80
4-3	806.6507	TR 200	15.93	265.66	265.95	266.19	267.21	0.060358	5.02	3.41	22.66	3.70
4-3	806.6507	TR 500	18.51	265.66	265.98	266.24	267.29	0.054978	5.16	3.93	23.78	3.59
4-3	734.4127	TR 50	12.29	259.55	259.94	260.34	262.23	0.059979	6.79	1.89	7.55	3.98
4-3	734.4127	TR 100	14.09	259.55	259.97	260.41	262.49	0.060027	7.15	2.07	7.78	4.03
4-3	734.4127	TR 200	15.93	259.55	259.99	260.43	262.73	0.059727	7.47	2.25	7.96	4.07
4-3	734.4127	TR 500	18.51	259.55	260.02	260.59	263.02	0.058706	7.85	2.51	8.21	4.10
4-3	694.9452	TR 50	12.29	256.91	257.23	257.51	259.10	0.100054	6.17	2.06	13.36	4.71
4-3	694.9452	TR 100	14.09	256.91	257.24	257.54	259.33	0.101677	6.53	2.25	14.19	4.81
4-3	694.9452	TR 200	15.93	256.91	257.25	257.58	259.57	0.102858	6.88	2.45	14.84	4.90
4-3	694.9452	TR 500	18.51	256.91	257.27	257.62	259.87	0.105278	7.32	2.68	15.14	5.02
4-3	650	TR 50	12.29	254.40	254.72	254.89	255.30	0.059700	3.39	3.79	17.17	2.13
4-3	650	TR 100	14.09	254.40	254.74	254.93	255.40	0.061886	3.62	4.09	17.46	2.20
4-3	650	TR 200	15.93	254.40	254.75	254.96	255.50	0.064293	3.84	4.37	17.72	2.27
4-3	650	TR 500	18.51	254.40	254.77	255.00	255.63	0.066928	4.12	4.75	18.08	2.36
4-3	600	TR 50	12.29	251.33	251.68	251.81	252.14	0.065773	3.02	4.17	21.20	1.87

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
4-3	600	TR 100	14.09	251.33	251.70	251.84	252.19	0.064402	3.14	4.61	22.29	1.88
4-3	600	TR 200	15.93	251.33	251.72	251.87	252.25	0.063153	3.25	5.07	24.40	1.88
4-3	600	TR 500	18.51	251.33	251.74	251.90	252.32	0.062411	3.39	5.66	25.85	1.89
4-3	550	TR 50	12.29	249.95	250.35	250.37	250.47	0.018367	1.83	8.56	42.14	1.02
4-3	550	TR 100	14.09	249.95	250.37	250.39	250.50	0.018924	1.92	9.34	43.41	1.05
4-3	550	TR 200	15.93	249.95	250.39	250.41	250.53	0.019455	2.02	10.13	44.88	1.07
4-3	550	TR 500	18.51	249.95	250.41	250.44	250.57	0.020030	2.13	11.13	46.08	1.10
4-3	500.0000	TR 50	12.29	246.08	246.45	246.73	248.04	0.256163	5.69	2.31	12.17	3.65
4-3	500.0000	TR 100	14.09	246.08	246.48	246.78	248.08	0.226719	5.75	2.65	12.71	3.50
4-3	500.0000	TR 200	15.93	246.08	246.51	246.82	248.11	0.204099	5.80	3.00	13.25	3.37
4-3	500.0000	TR 500	18.51	246.08	246.54	246.90	248.17	0.181060	5.89	3.49	14.33	3.23
4-3	450	TR 50	12.29	242.87	243.36	243.45	243.68	0.038271	2.53	5.06	18.69	1.43
4-3	450	TR 100	14.09	242.87	243.38	243.49	243.74	0.039945	2.70	5.48	18.99	1.47
4-3	450	TR 200	15.93	242.87	243.40	243.52	243.80	0.041559	2.85	5.87	19.31	1.51
4-3	450	TR 500	18.51	242.87	243.43	243.57	243.89	0.043736	3.06	6.39	19.74	1.57
4-3	400	TR 50	12.29	239.50	239.79	239.92	240.31	0.146063	3.58	4.11	25.81	2.39
4-3	400	TR 100	14.09	239.50	239.81	239.95	240.35	0.137634	3.67	4.64	27.38	2.35
4-3	400	TR 200	15.93	239.50	239.83	239.97	240.39	0.130875	3.76	5.16	28.62	2.32
4-3	400	TR 500	18.51	239.50	239.85	240.01	240.43	0.123568	3.86	5.84	29.40	2.28
4-3	350	TR 50	12.29	237.16	237.61	237.62	237.76	0.024574	2.04	7.31	26.90	1.06
4-3	350	TR 100	14.09	237.16	237.63	237.65	237.80	0.025175	2.14	7.91	27.12	1.08
4-3	350	TR 200	15.93	237.16	237.65	237.67	237.84	0.025706	2.24	8.49	27.32	1.10
4-3	350	TR 500	18.51	237.16	237.68	237.71	237.89	0.026323	2.37	9.27	27.60	1.13
4-3	300	TR 50	12.29	234.49	234.78	234.90	235.27	0.137379	3.51	4.26	27.19	2.32
4-3	300	TR 100	14.09	234.49	234.80	234.95	235.31	0.130241	3.59	4.75	27.42	2.29
4-3	300	TR 200	15.93	234.49	234.81	234.96	235.35	0.124472	3.67	5.22	27.64	2.26
4-3	300	TR 500	18.51	234.49	234.84	235.00	235.40	0.117720	3.77	5.86	27.94	2.23
4-3	250.0000	TR 50	12.29	233.11	233.54	233.65	233.90	0.010934	3.14	4.99	23.98	1.74
4-3	250.0000	TR 100	14.09	233.11	233.56	233.68	233.95	0.010955	3.31	5.73	28.85	1.76
4-3	250.0000	TR 200	15.93	233.11	233.58	233.70	234.00	0.011065	3.43	6.23	29.37	1.78
4-3	250.0000	TR 500	18.51	233.11	233.60	233.74	234.05	0.011231	3.59	6.89	30.14	1.81
4-3	212.8604	TR 50	12.29	231.36	231.57	231.76	232.61	0.465131	5.26	2.86	24.06	4.05
4-3	212.8604	TR 100	14.09	231.36	231.59	231.78	232.67	0.436247	5.36	3.19	24.36	3.98
4-3	212.8604	TR 200	15.93	231.36	231.60	231.80	232.71	0.404510	5.42	3.54	24.67	3.88
4-3	212.8604	TR 500	18.51	231.36	231.62	231.83	232.77	0.367828	5.50	4.03	25.08	3.75
4-3	160.2335	TR 50	12.29	230.90	231.64	231.57	231.79	0.010387	1.90	8.50	28.80	0.75
4-3	160.2335	TR 100	14.09	230.90	231.68	231.68	231.84	0.010578	1.98	9.46	29.63	0.77
4-3	160.2335	TR 200	15.93	230.90	231.70	231.70	231.88	0.011717	2.12	10.02	30.01	0.81
4-3	160.2335	TR 500	18.51	230.90	231.74	231.74	231.93	0.011567	2.20	11.54	33.11	0.81
4-3	100	TR 50	12.29	228.09	228.42	228.62	229.30	0.158317	4.40	3.20	16.04	2.59
4-3	100	TR 100	14.09	228.09	228.40	228.68	229.90	0.297398	5.69	2.81	15.48	3.49
4-3	100	TR 200	15.93	228.09	228.43	228.71	229.84	0.251006	5.59	3.27	16.12	3.27
4-3	100	TR 500	18.51	228.09	228.46	228.75	229.93	0.237245	5.76	3.72	17.37	3.22
4-3	50	TR 50	12.29	226.88	227.34	227.34	227.48	0.016814	1.77	8.30	32.04	0.89
4-3	50	TR 100	14.09	226.88	227.38	227.38	227.51	0.015555	1.80	9.45	33.52	0.87
4-3	50	TR 200	15.93	226.88	227.40	227.40	227.55	0.015880	1.88	10.23	34.07	0.88
4-3	50	TR 500	18.51	226.88	227.43	227.43	227.59	0.015893	1.97	11.36	34.85	0.89

26-11-2012 Plan: 05022021 2/11/2021

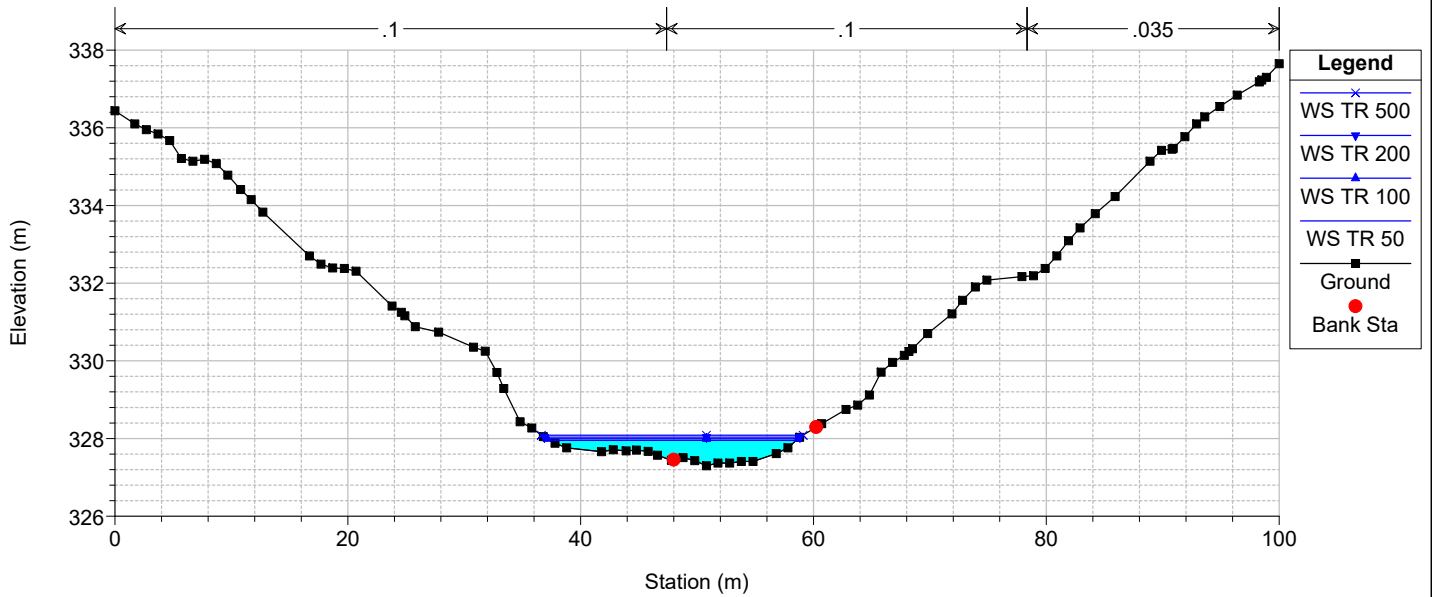
Geom: 05022021 Flow: 05022021 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

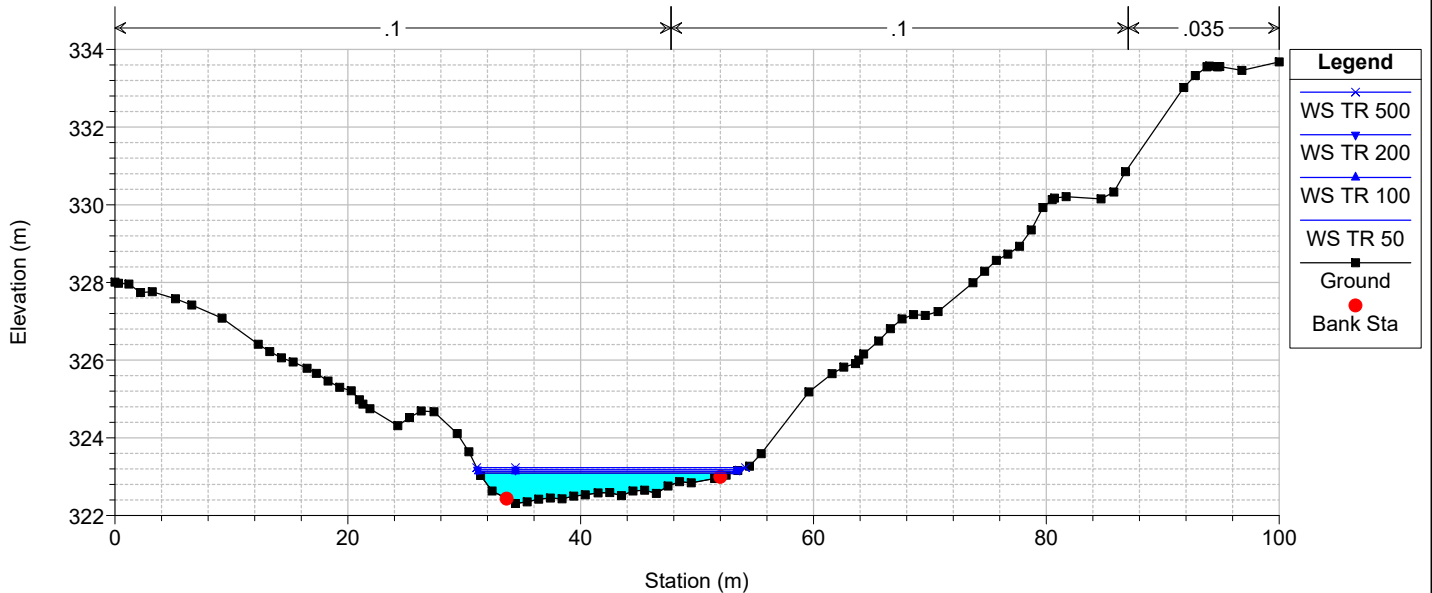
River = asta 4-1b Reach = 4-1b RS = 750 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

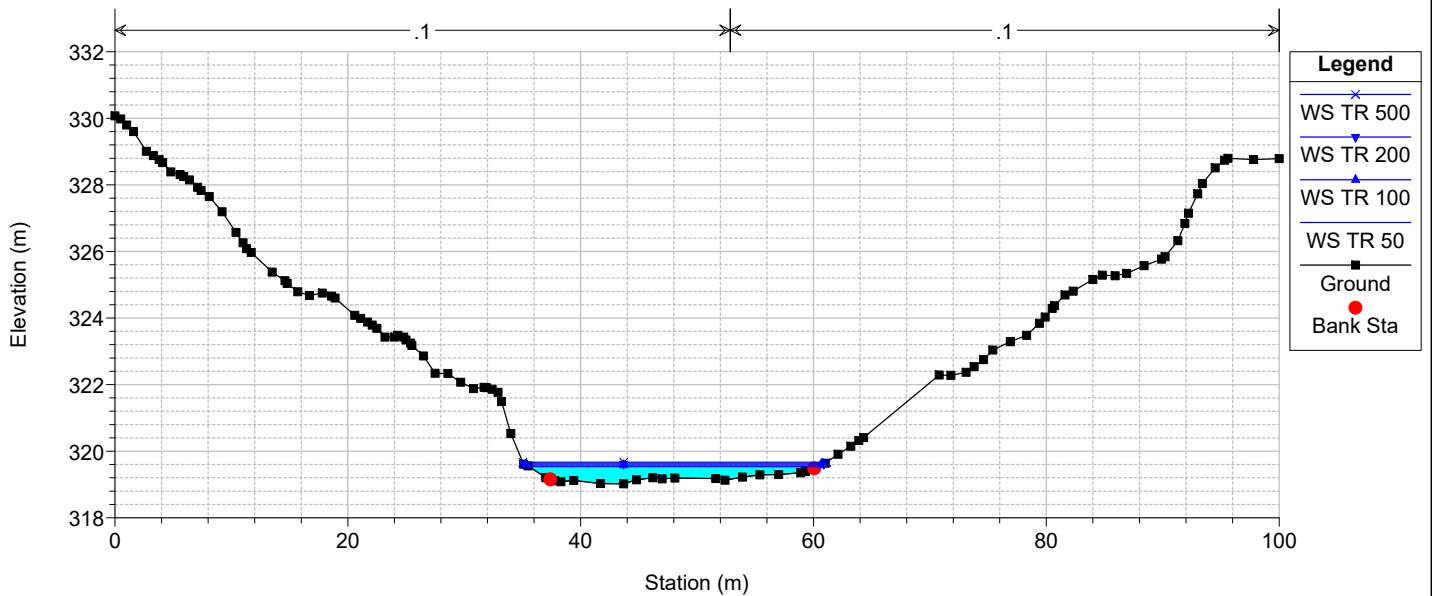
River = asta 4-1b Reach = 4-1b RS = 700 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

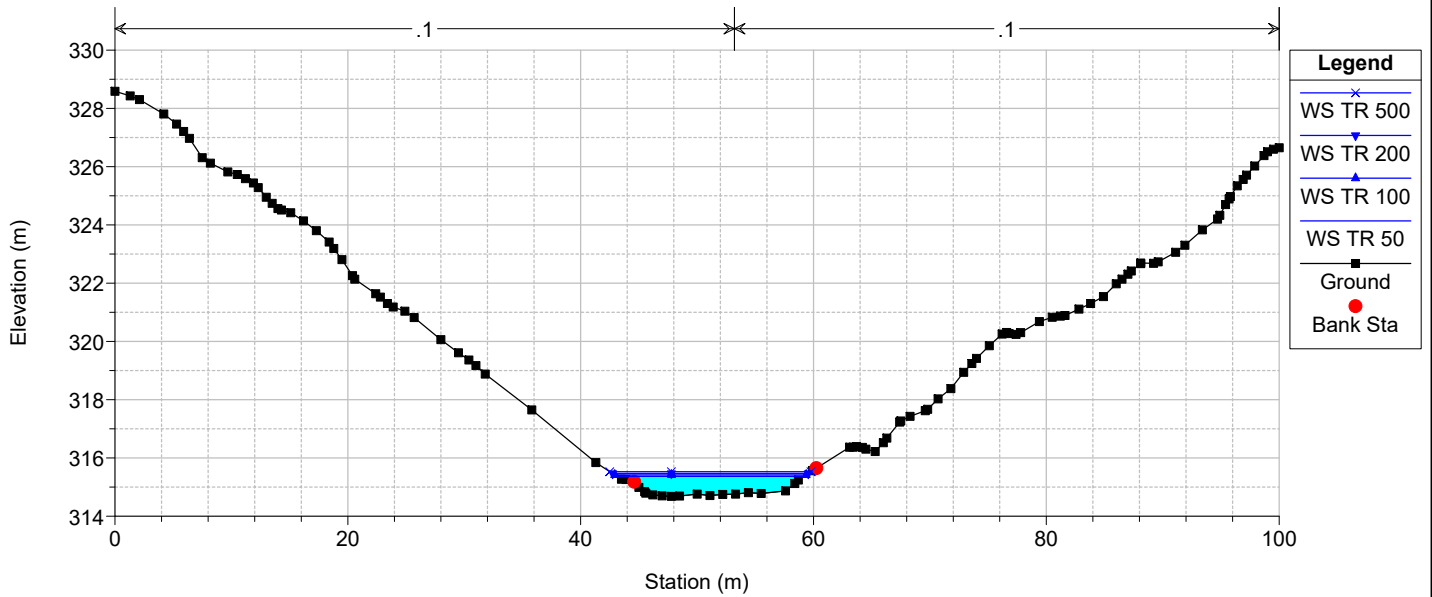
River = asta 4-1b Reach = 4-1b RS = 650 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

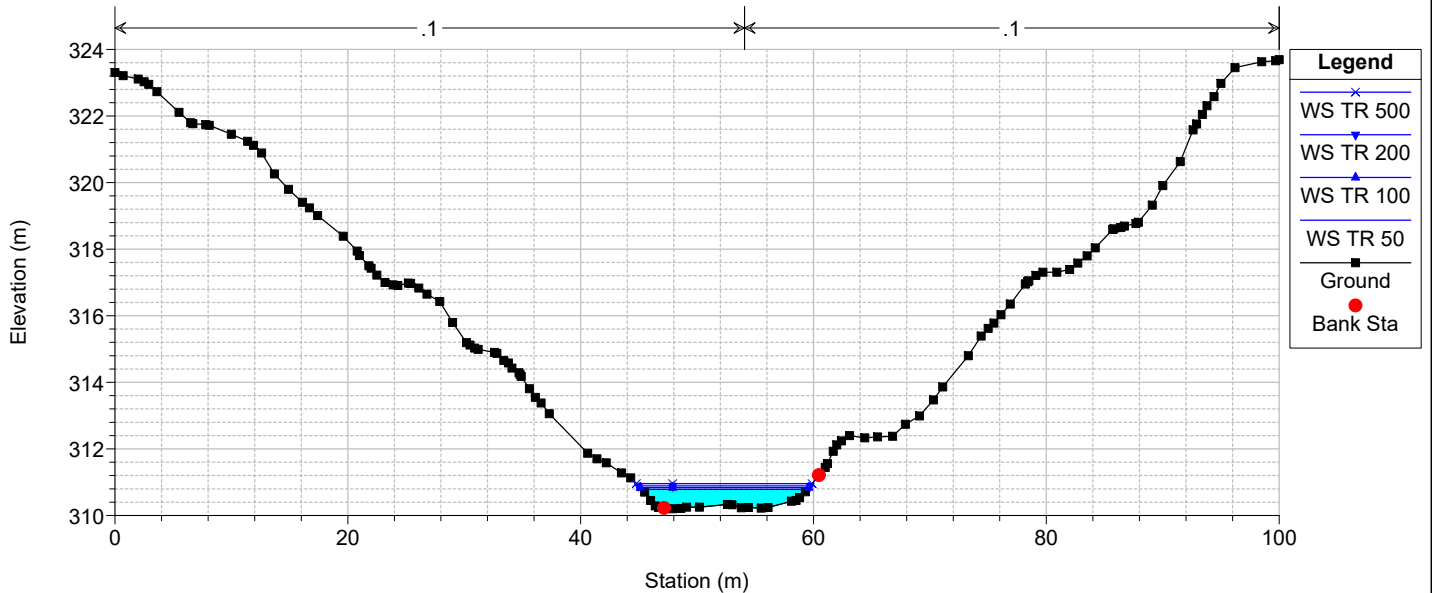
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26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

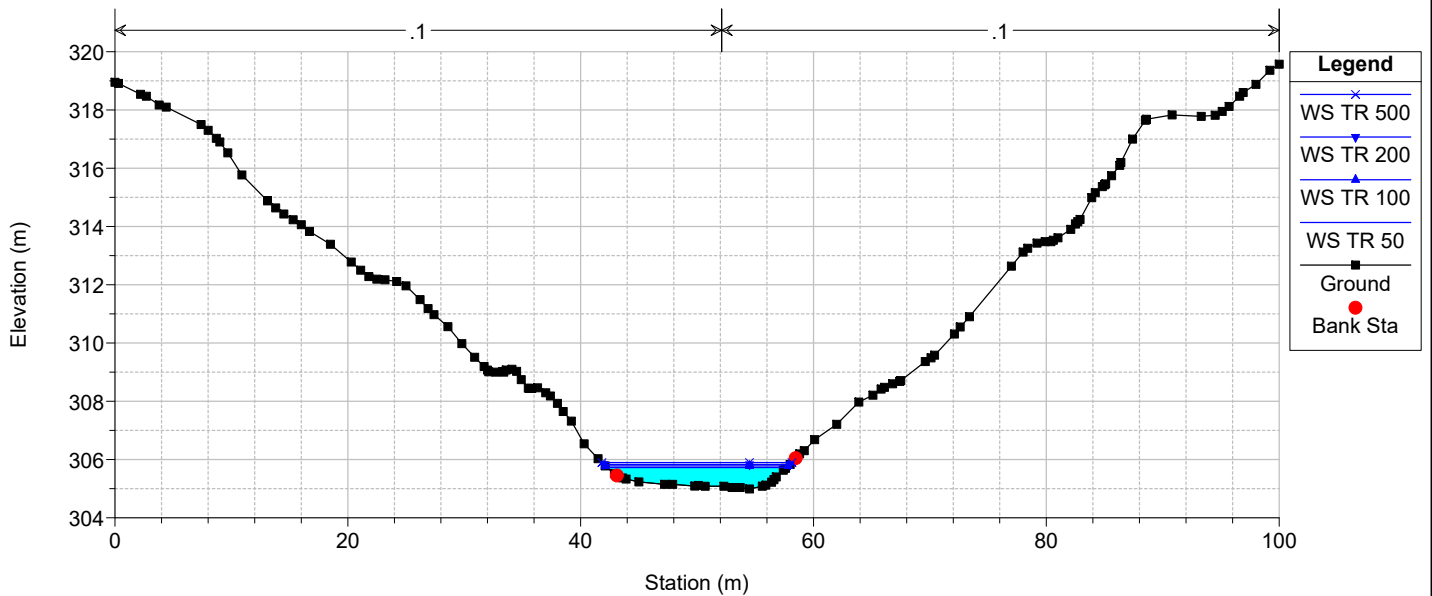
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26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

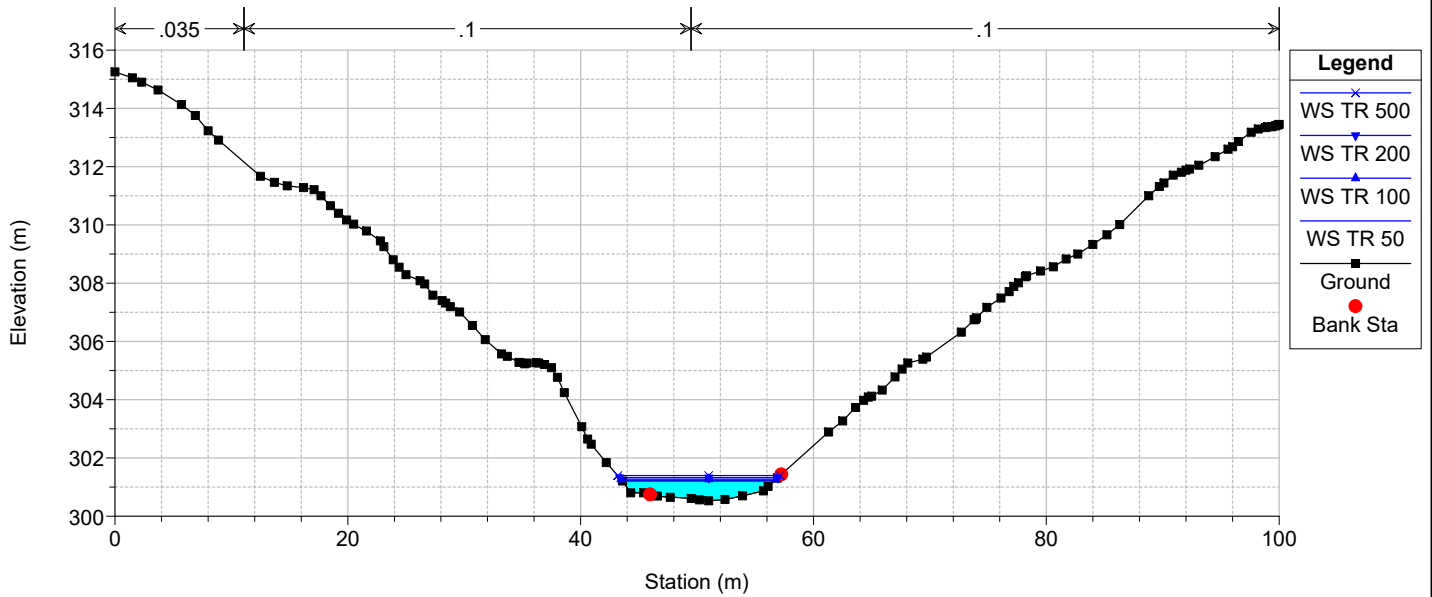
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26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

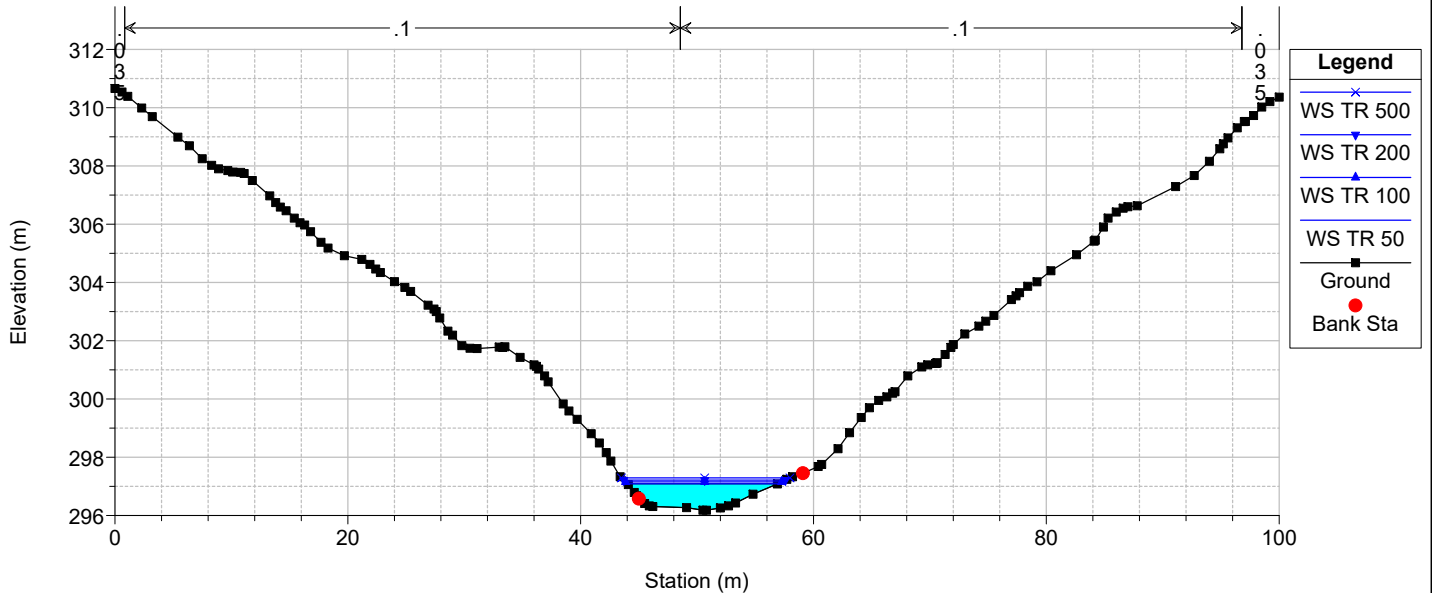
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26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

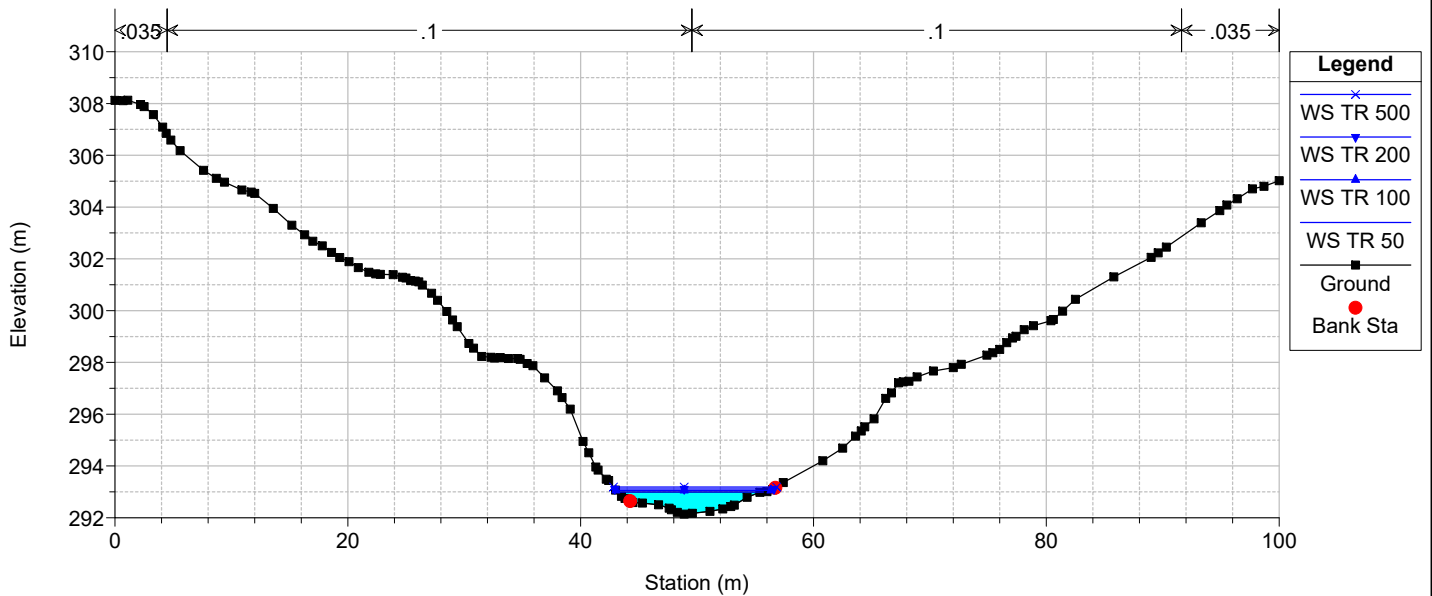
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26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

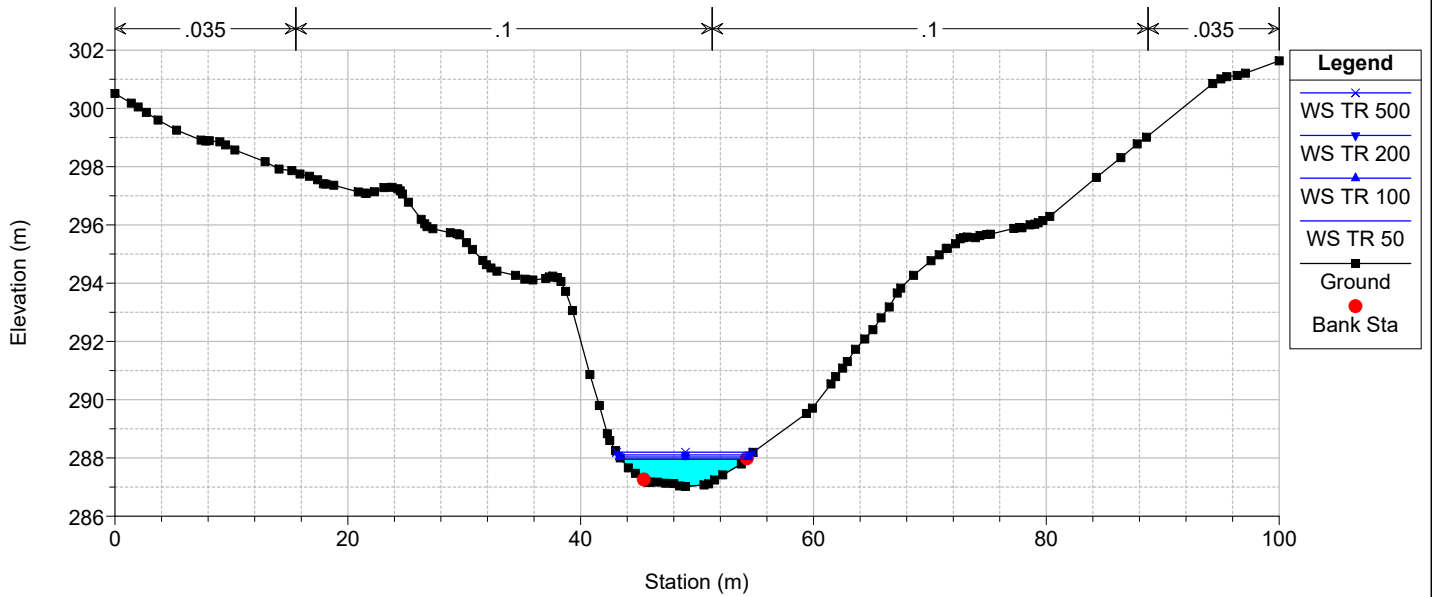
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26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

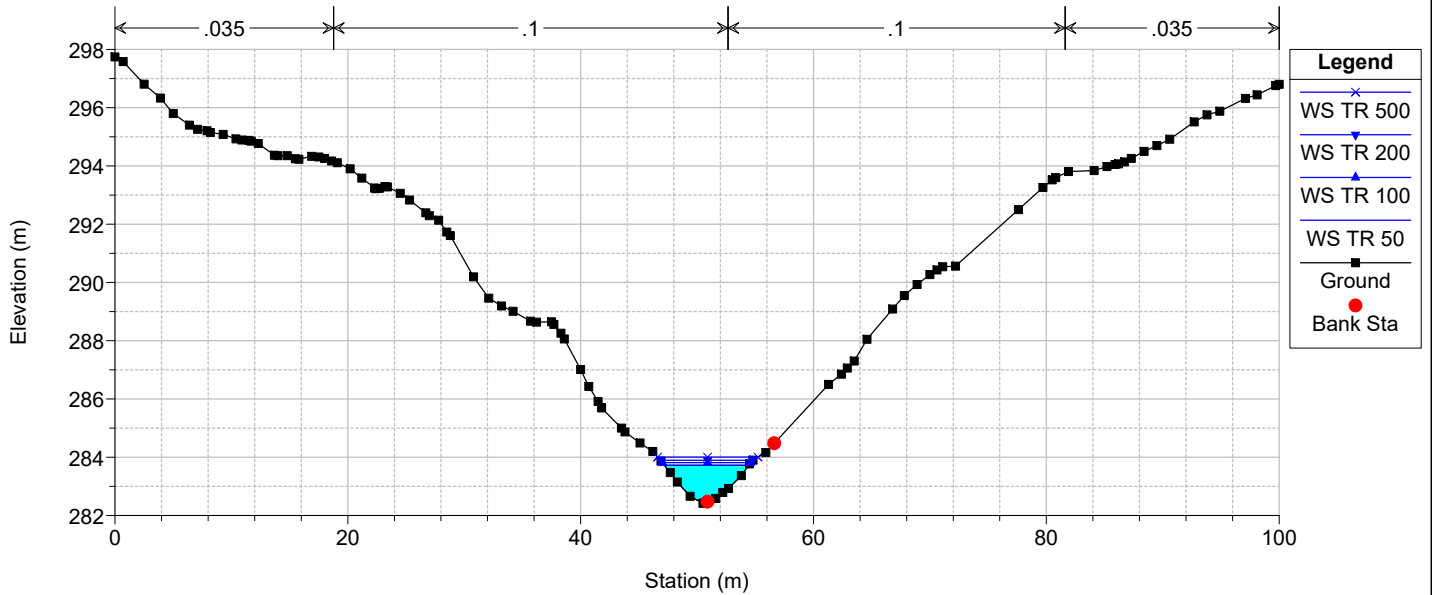
River = asta 4-1b Reach = 4-1b RS = 300 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

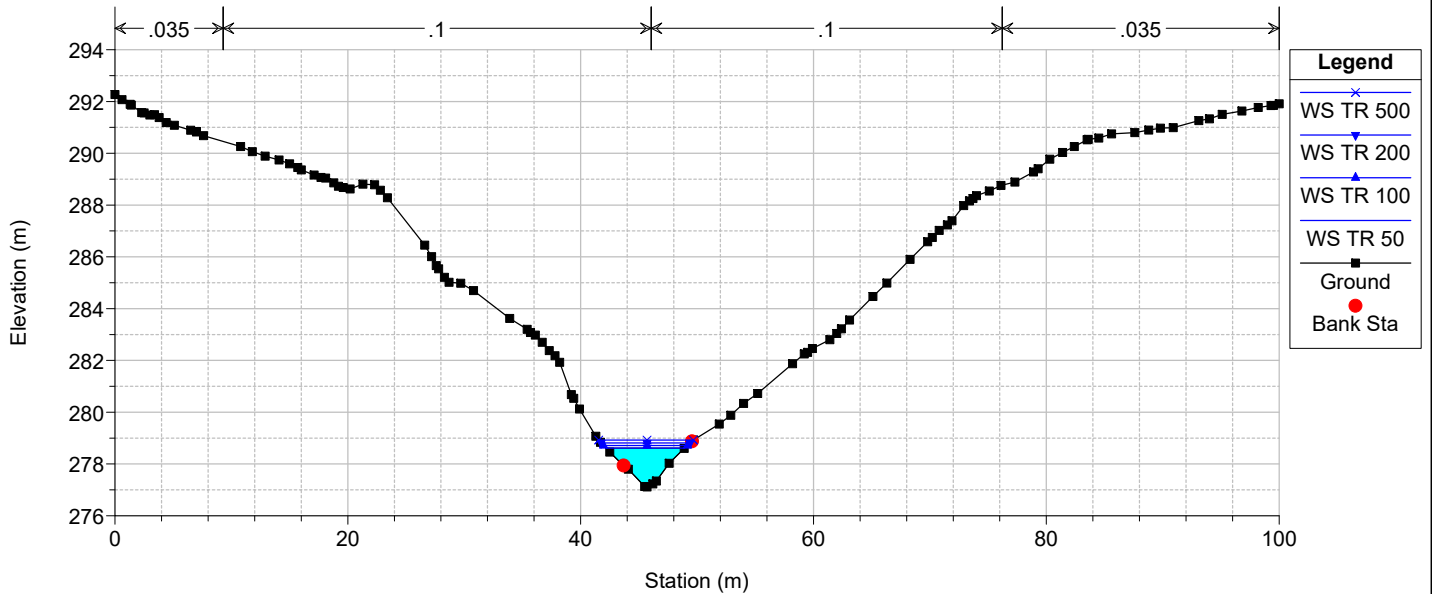
River = asta 4-1b Reach = 4-1b RS = 250 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

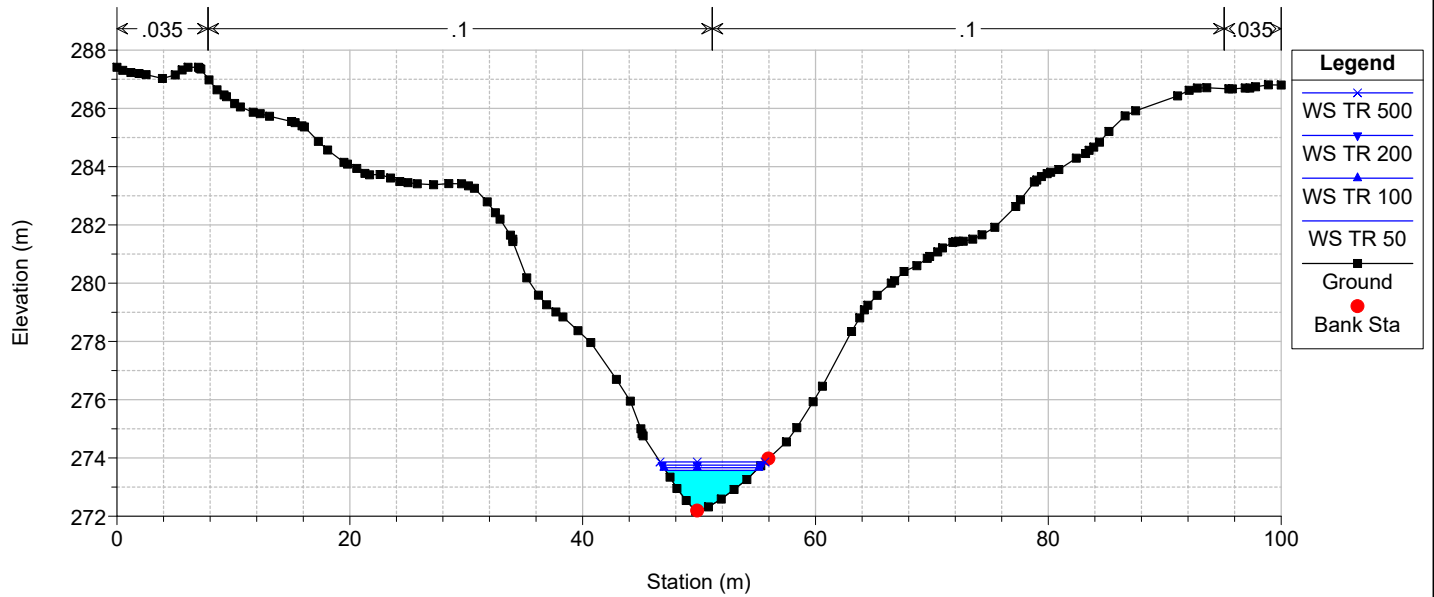
River = asta 4-1b Reach = 4-1b RS = 200 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

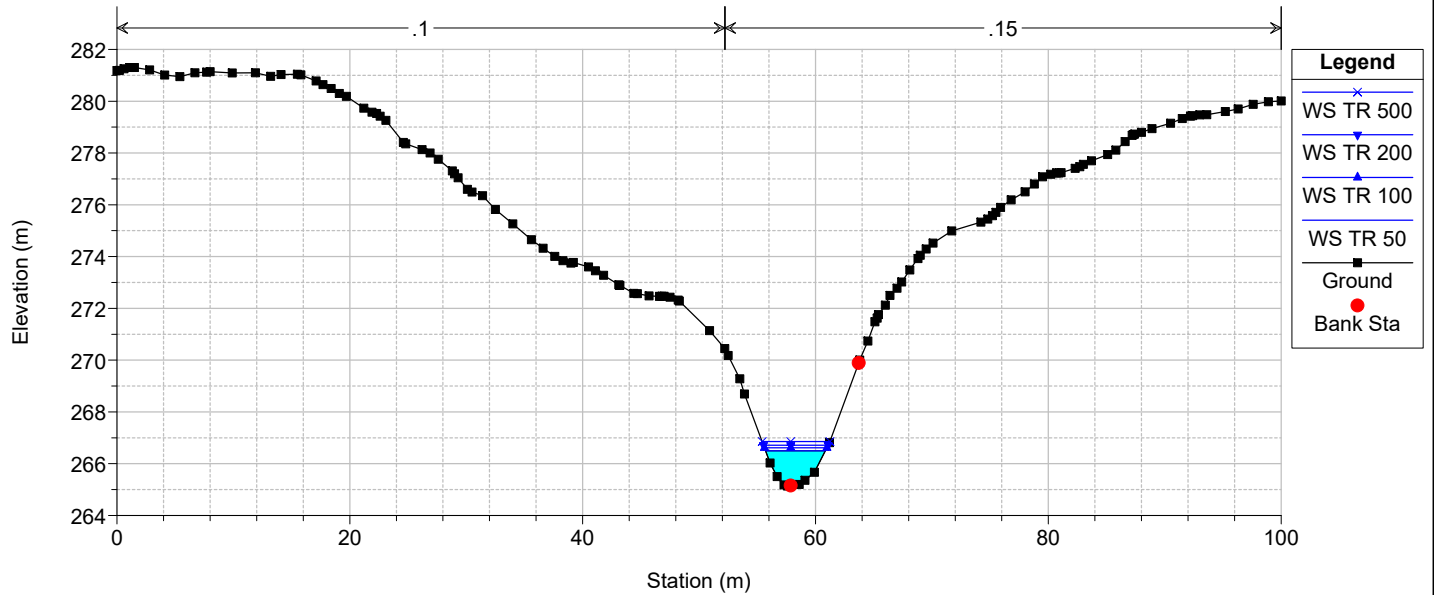
River = asta 4-1b Reach = 4-1b RS = 150 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

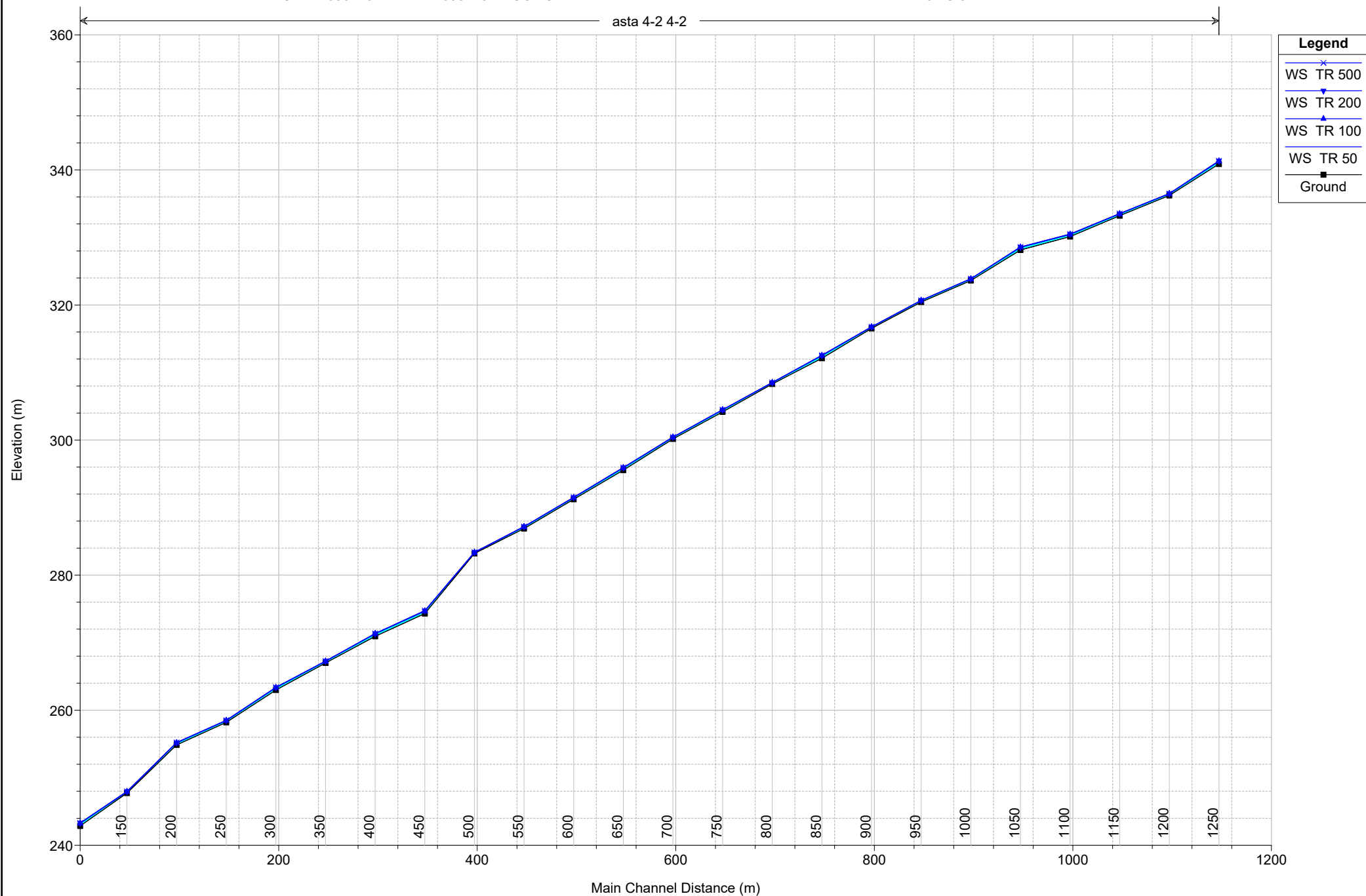
River = asta 4-1b Reach = 4-1b RS = 100 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



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
4-1b	750	TR 50	14.31	327.30	327.95	327.95	328.14	0.113600	2.04	7.86	21.16	0.95
4-1b	750	TR 100	16.69	327.30	327.99	327.99	328.19	0.114313	2.14	8.70	21.54	0.96
4-1b	750	TR 200	19.12	327.30	328.04	328.04	328.25	0.112589	2.22	9.59	21.94	0.96
4-1b	750	TR 500	22.50	327.30	328.09	328.09	328.32	0.112086	2.31	10.74	22.48	0.97
4-1b	700	TR 50	14.31	322.31	323.09	322.97	323.20	0.049341	1.46	10.02	21.63	0.67
4-1b	700	TR 100	16.69	322.31	323.14	323.01	323.26	0.050802	1.56	11.00	22.08	0.68
4-1b	700	TR 200	19.12	322.31	323.18	323.05	323.31	0.052329	1.65	11.93	22.51	0.69
4-1b	700	TR 500	22.50	322.31	323.23	323.11	323.39	0.053981	1.77	13.17	23.09	0.71
4-1b	650	TR 50	14.31	319.02	319.54	319.52	319.69	0.107135	1.70	8.55	24.83	0.91
4-1b	650	TR 100	16.69	319.02	319.58	319.55	319.74	0.103035	1.78	9.55	25.31	0.90
4-1b	650	TR 200	19.12	319.02	319.62	319.59	319.79	0.099348	1.85	10.55	25.79	0.89
4-1b	650	TR 500	22.50	319.02	319.67	319.64	319.86	0.095571	1.95	11.85	26.09	0.89
4-1b	600	TR 50	14.31	314.68	315.37	315.27	315.52	0.066581	1.75	8.29	16.05	0.75
4-1b	600	TR 100	16.69	314.68	315.42	315.32	315.59	0.068033	1.86	9.12	16.44	0.77
4-1b	600	TR 200	19.12	314.68	315.47	315.37	315.66	0.069584	1.97	9.92	16.81	0.78
4-1b	600	TR 500	22.50	314.68	315.53	315.44	315.75	0.071239	2.10	10.98	17.28	0.80
4-1b	550	TR 50	14.31	310.20	310.78	310.78	311.02	0.127285	2.20	6.64	14.21	1.01
4-1b	550	TR 100	16.69	310.20	310.84	310.84	311.10	0.123206	2.31	7.41	14.48	1.01
4-1b	550	TR 200	19.12	310.20	310.89	310.89	311.17	0.119374	2.40	8.17	14.75	1.01
4-1b	550	TR 500	22.50	310.20	310.96	310.96	311.27	0.115230	2.52	9.19	15.10	1.01
4-1b	500	TR 50	14.31	304.99	305.73	305.62	305.88	0.066700	1.74	8.28	15.43	0.74
4-1b	500	TR 100	16.69	304.99	305.78	305.68	305.95	0.067810	1.85	9.10	15.75	0.76
4-1b	500	TR 200	19.12	304.99	305.83	305.73	306.02	0.068699	1.95	9.91	16.02	0.77
4-1b	500	TR 500	22.50	304.99	305.89	305.79	306.11	0.070313	2.09	10.93	16.31	0.79
4-1b	450	TR 50	14.31	300.53	301.21	301.21	301.46	0.121896	2.28	6.50	13.04	1.00
4-1b	450	TR 100	16.69	300.53	301.27	301.27	301.55	0.118857	2.38	7.25	13.32	1.00
4-1b	450	TR 200	19.12	300.53	301.32	301.32	301.62	0.116255	2.48	7.98	13.59	1.00
4-1b	450	TR 500	22.50	300.53	301.40	301.40	301.72	0.112220	2.59	8.99	13.96	1.00
4-1b	400	TR 50	14.31	296.18	297.09	296.94	297.25	0.058021	1.81	8.03	12.92	0.72
4-1b	400	TR 100	16.69	296.18	297.15	297.01	297.34	0.058711	1.91	8.90	13.42	0.73
4-1b	400	TR 200	19.12	296.18	297.22	297.07	297.42	0.059537	2.00	9.74	13.88	0.74
4-1b	400	TR 500	22.50	296.18	297.29	297.15	297.52	0.061583	2.13	10.80	14.48	0.76
4-1b	350	TR 50	14.31	292.14	293.00	293.00	293.25	0.116916	2.27	6.43	12.54	0.98
4-1b	350	TR 100	16.69	292.14	293.06	293.06	293.33	0.115091	2.35	7.24	13.32	0.99
4-1b	350	TR 200	19.12	292.14	293.11	293.11	293.41	0.113060	2.44	7.99	13.68	0.99
4-1b	350	TR 500	22.50	292.14	293.19	293.19	293.51	0.108056	2.56	9.01	14.03	0.99
4-1b	300	TR 50	14.31	287.02	287.96	287.87	288.18	0.072039	2.12	7.03	10.76	0.80
4-1b	300	TR 100	16.69	287.02	288.03	287.94	288.28	0.070992	2.23	7.80	11.07	0.81
4-1b	300	TR 200	19.12	287.02	288.10	288.00	288.37	0.069082	2.33	8.59	11.35	0.81
4-1b	300	TR 500	22.50	287.02	288.20	288.09	288.49	0.067194	2.46	9.63	11.73	0.81
4-1b	250	TR 50	14.31	282.47	283.72	283.67	284.05	0.097436	2.46	5.65	7.22	0.91
4-1b	250	TR 100	16.69	282.47	283.81	283.76	284.17	0.097856	2.57	6.31	7.58	0.92
4-1b	250	TR 200	19.12	282.47	283.89	283.85	284.28	0.099796	2.68	6.94	7.93	0.94
4-1b	250	TR 500	22.50	282.47	284.00	283.96	284.42	0.101927	2.75	7.85	8.62	0.95
4-1b	200	TR 50	14.31	277.11	278.62	278.62	279.01	0.104600	2.84	5.29	6.77	0.95
4-1b	200	TR 100	16.69	277.11	278.71	278.71	279.14	0.103944	2.95	5.96	7.21	0.96
4-1b	200	TR 200	19.12	277.11	278.81	278.81	279.25	0.101738	3.03	6.68	7.64	0.96
4-1b	200	TR 500	22.50	277.11	278.92	278.92	279.40	0.099387	3.16	7.57	8.13	0.96
4-1b	150	TR 50	14.31	272.19	273.57	273.46	273.85	0.080016	2.37	6.17	7.77	0.85
4-1b	150	TR 100	16.69	272.19	273.66	273.55	273.96	0.079875	2.48	6.91	8.16	0.86
4-1b	150	TR 200	19.12	272.19	273.75	273.63	274.07	0.079428	2.57	7.65	8.53	0.86
4-1b	150	TR 500	22.50	272.19	273.86	273.75	274.21	0.079426	2.68	8.62	9.01	0.87
4-1b	100	TR 50	14.31	265.16	266.50	266.50	266.96	0.280045	3.09	4.75	5.14	1.02
4-1b	100	TR 100	16.69	265.16	266.61	266.61	267.11	0.276716	3.21	5.34	5.35	1.03
4-1b	100	TR 200	19.12	265.16	266.71	266.71	267.25	0.276004	3.33	5.90	5.56	1.03
4-1b	100	TR 500	22.50	265.16	266.85	266.85	267.43	0.271417	3.46	6.68	5.82	1.03

26-11-2012 Plan: 05022021 2/11/2021

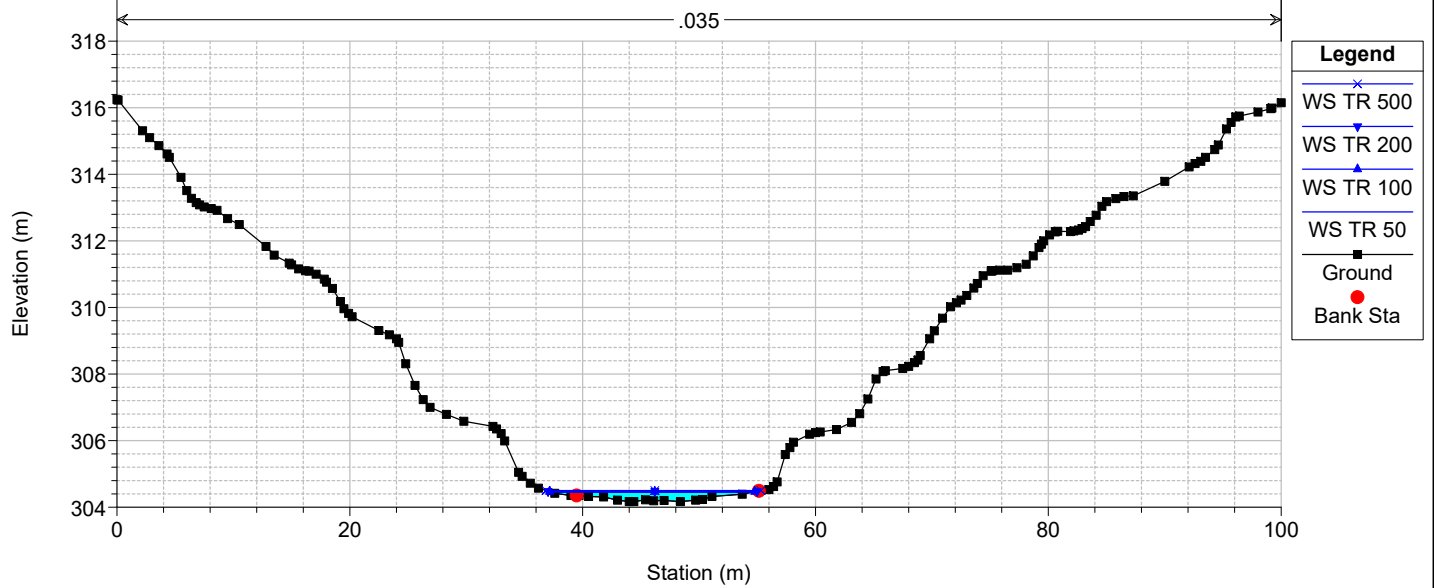
Geom: 05022021 Flow: 05022021 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

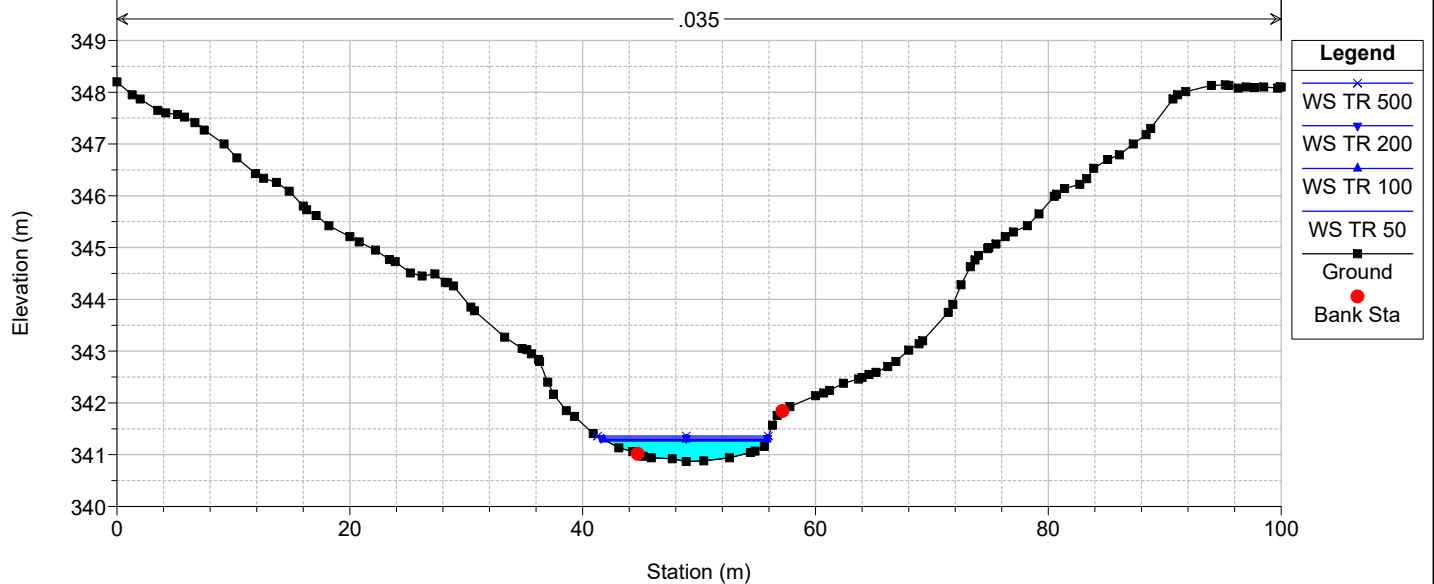
River = asta 4-2 Reach = 4-2 RS = 750 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

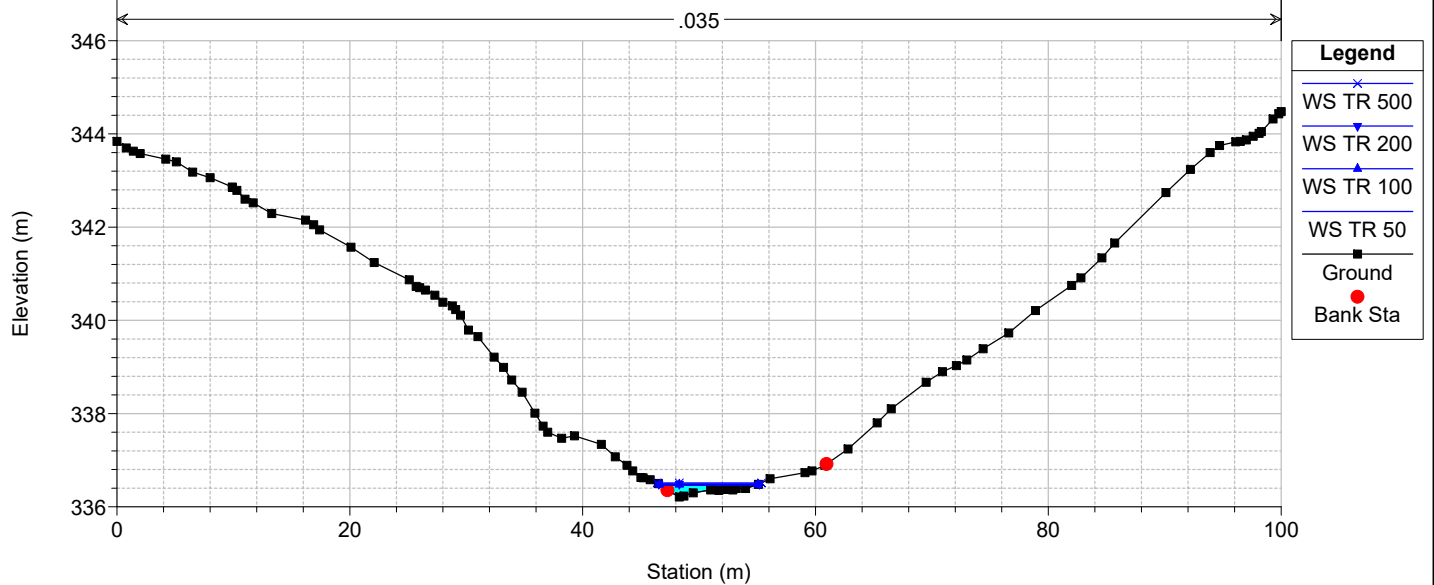
River = asta 4-2 Reach = 4-2 RS = 1250 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

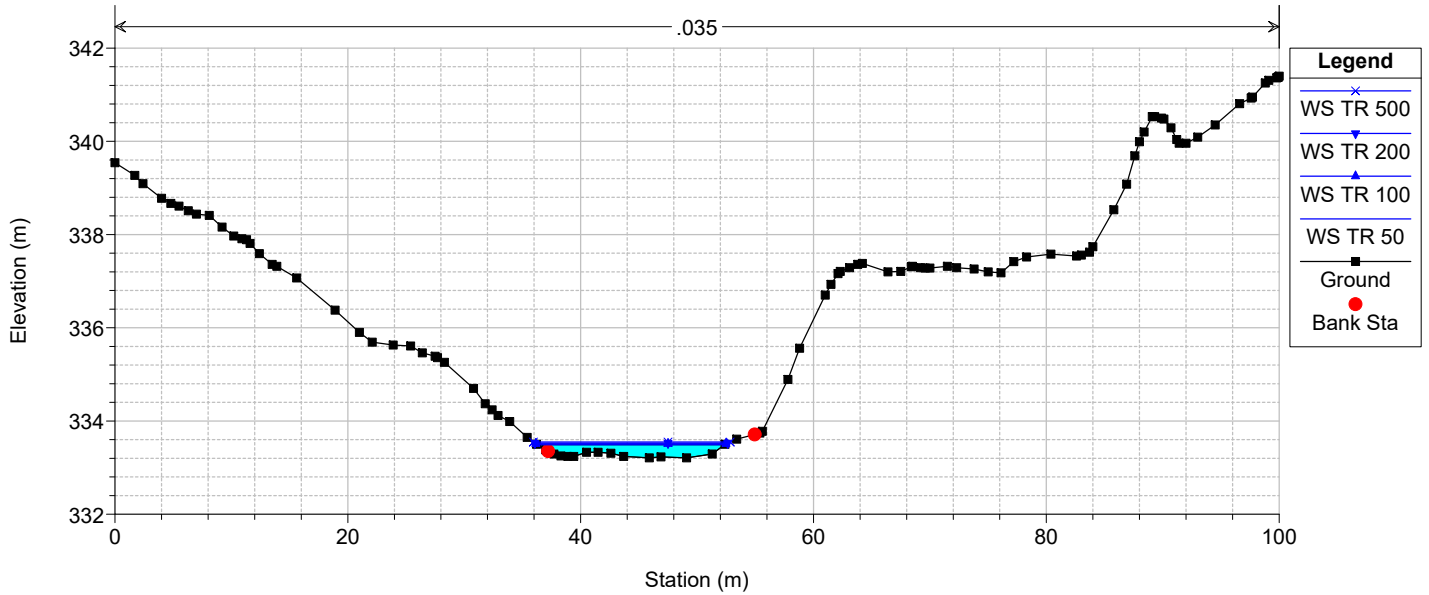
River = asta 4-2 Reach = 4-2 RS = 1200 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

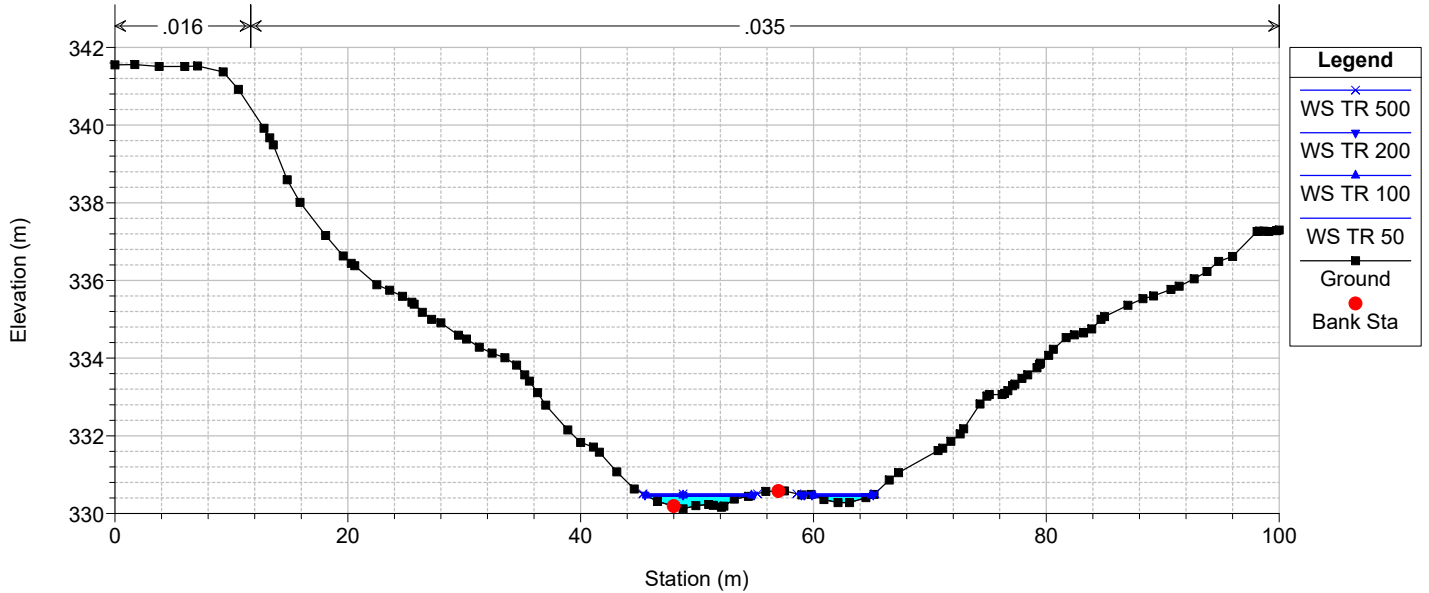
River = asta 4-2 Reach = 4-2 RS = 1150 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

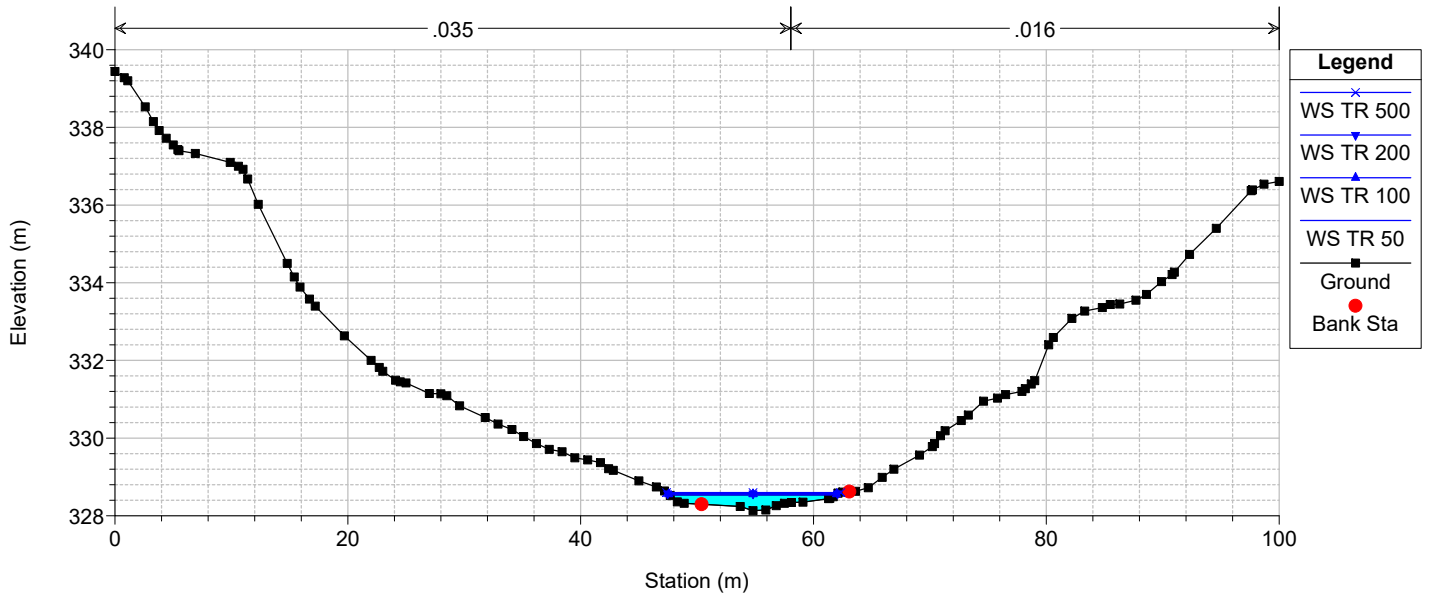
River = asta 4-2 Reach = 4-2 RS = 1100 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

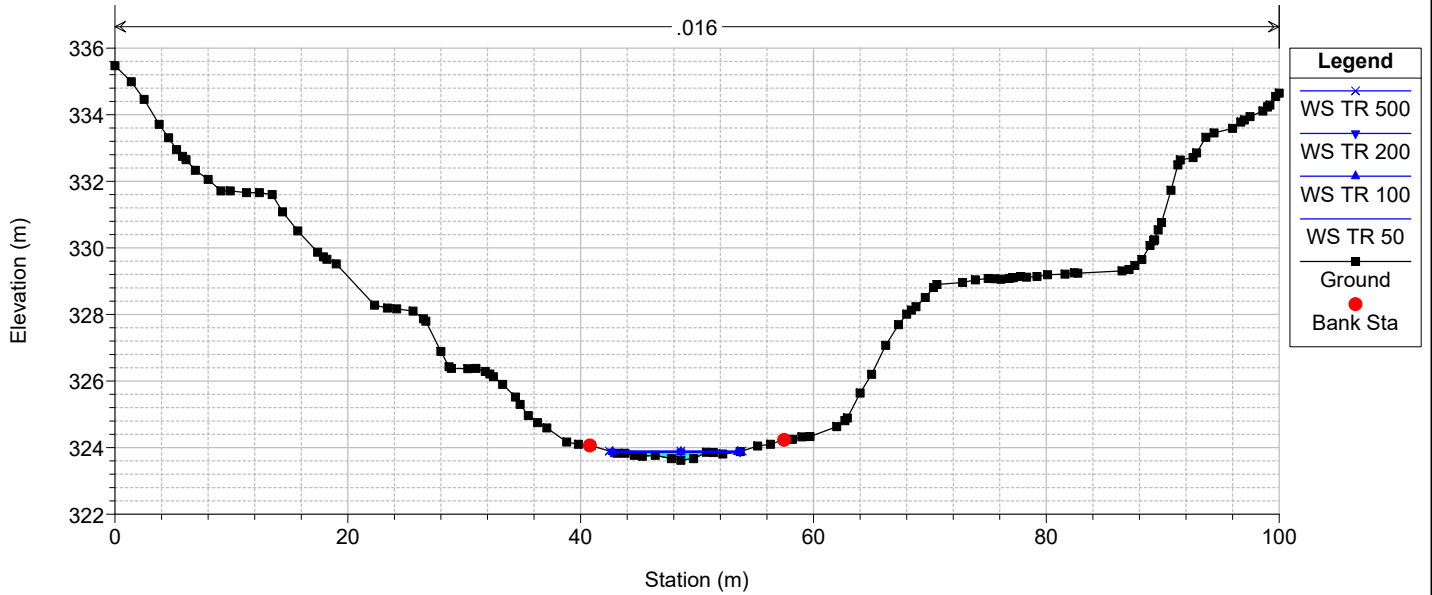
River = asta 4-2 Reach = 4-2 RS = 1050 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

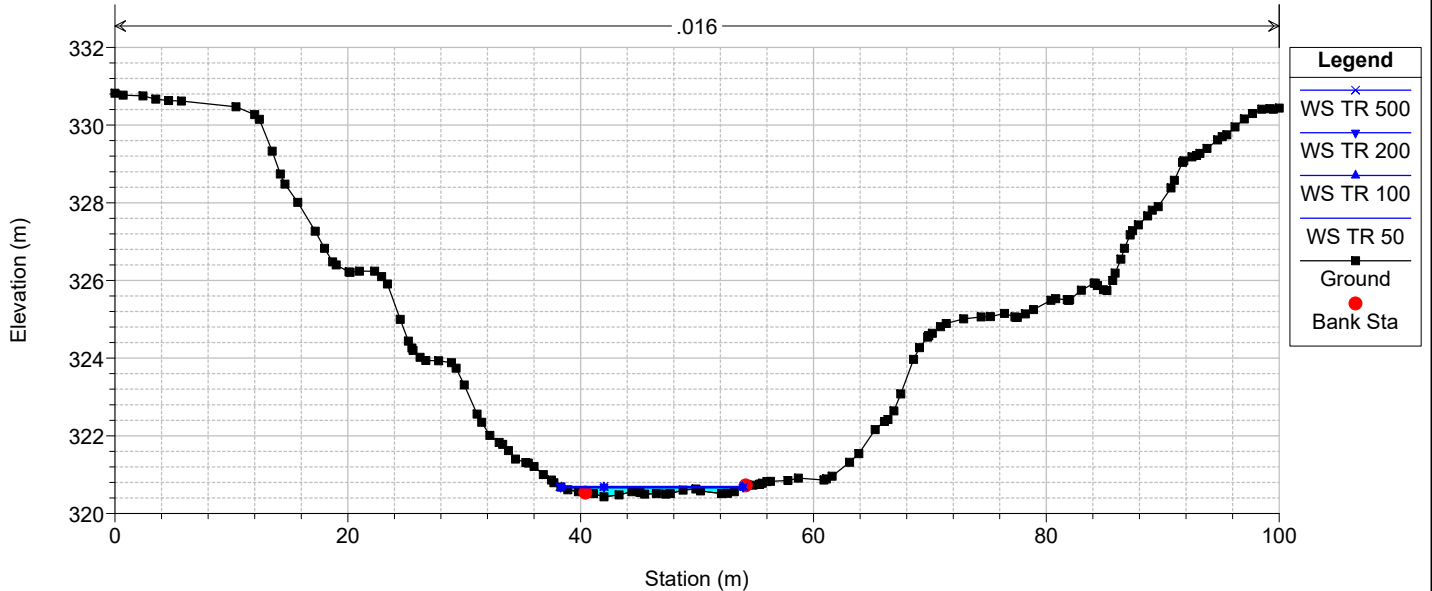
River = asta 4-2 Reach = 4-2 RS = 1000 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

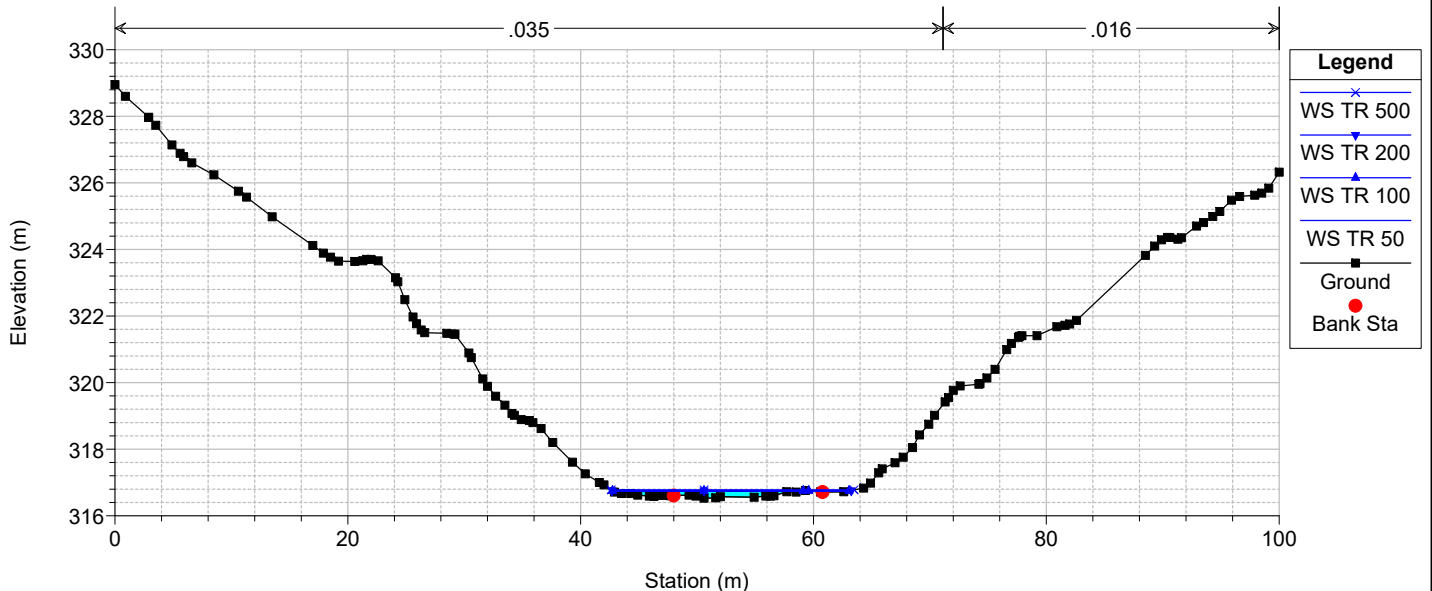
River = asta 4-2 Reach = 4-2 RS = 950 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

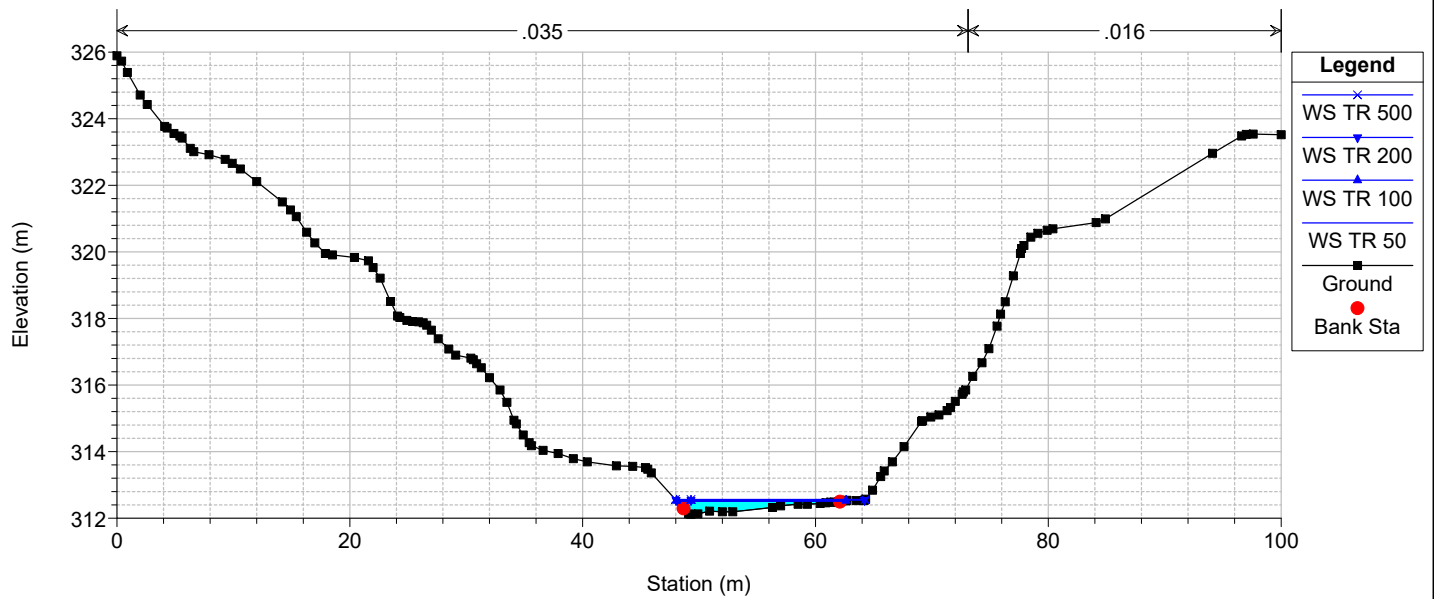
River = asta 4-2 Reach = 4-2 RS = 900 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

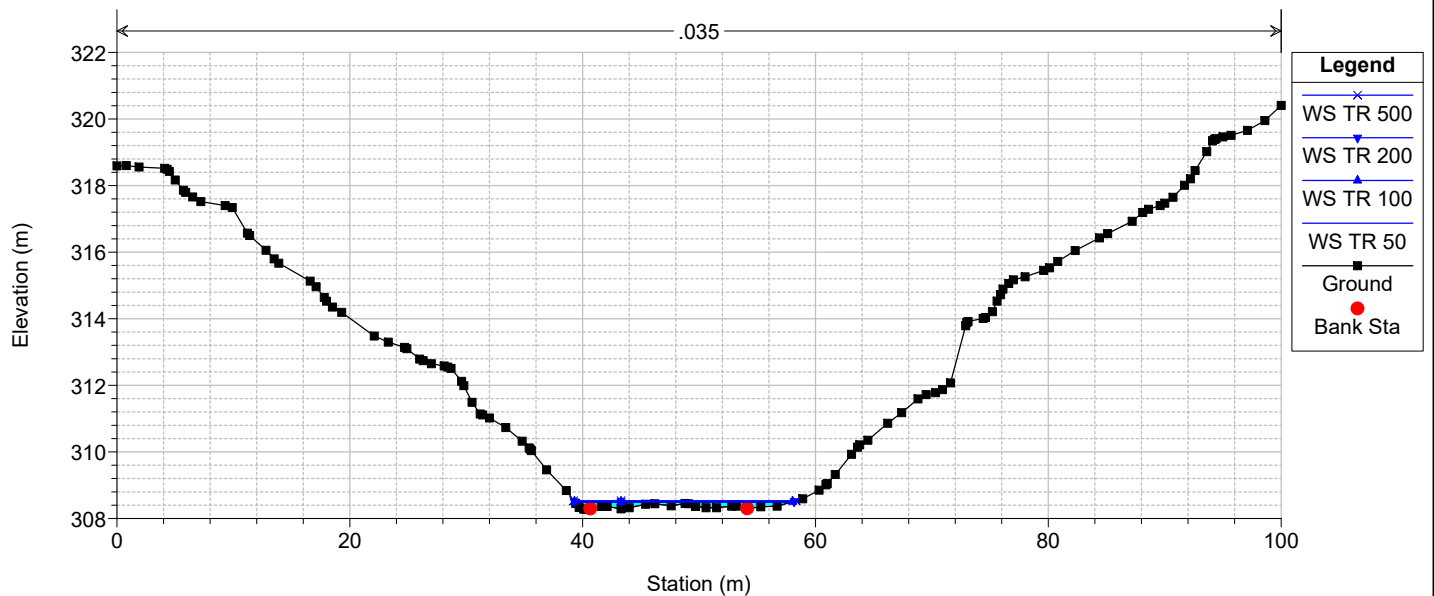
River = asta 4-2 Reach = 4-2 RS = 850 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

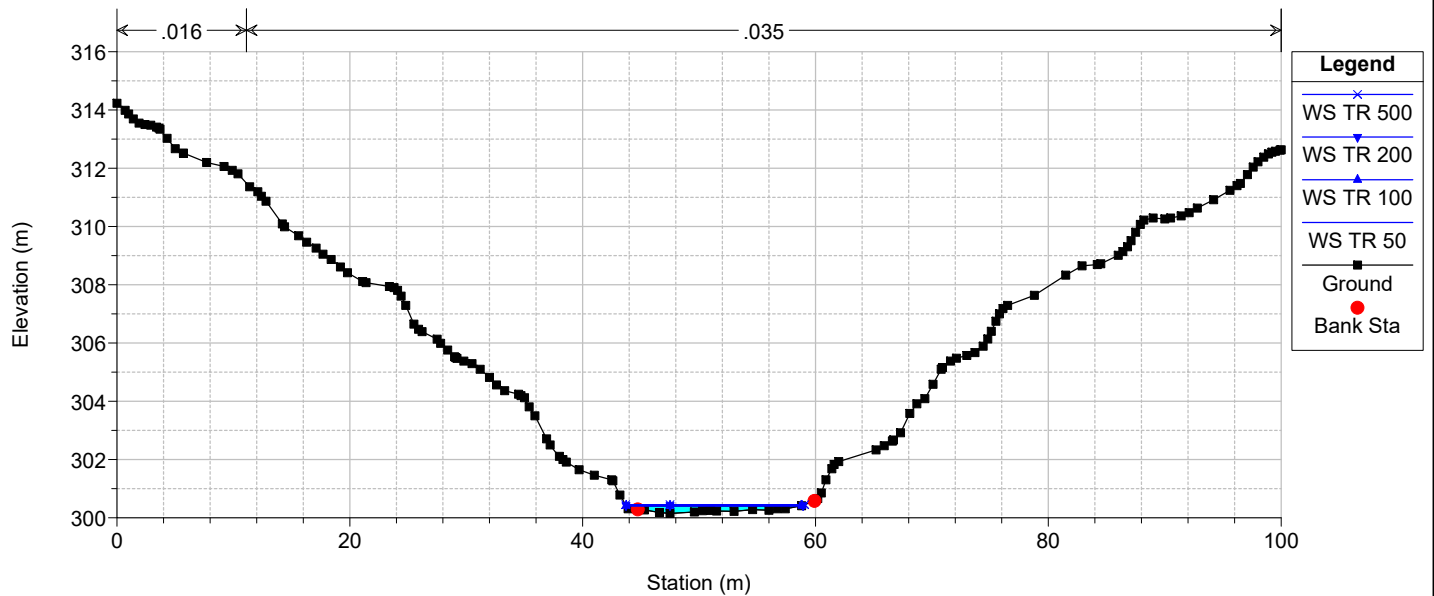
River = asta 4-2 Reach = 4-2 RS = 800 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

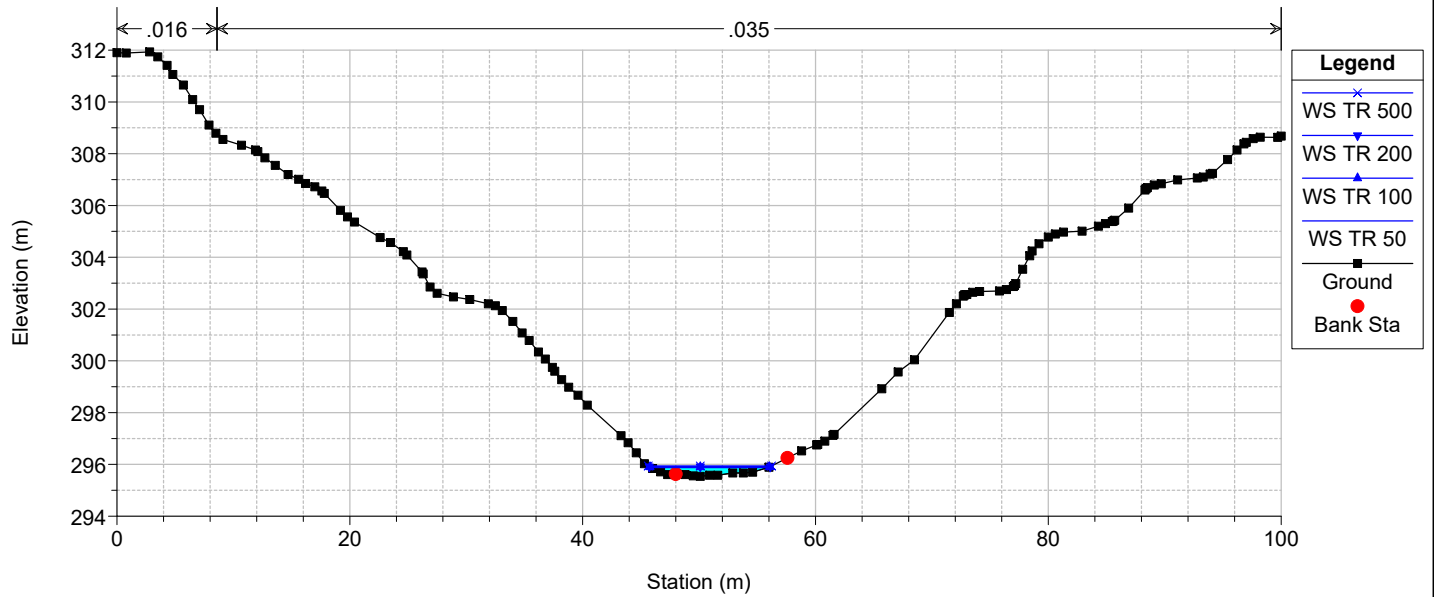
River = asta 4-2 Reach = 4-2 RS = 700 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

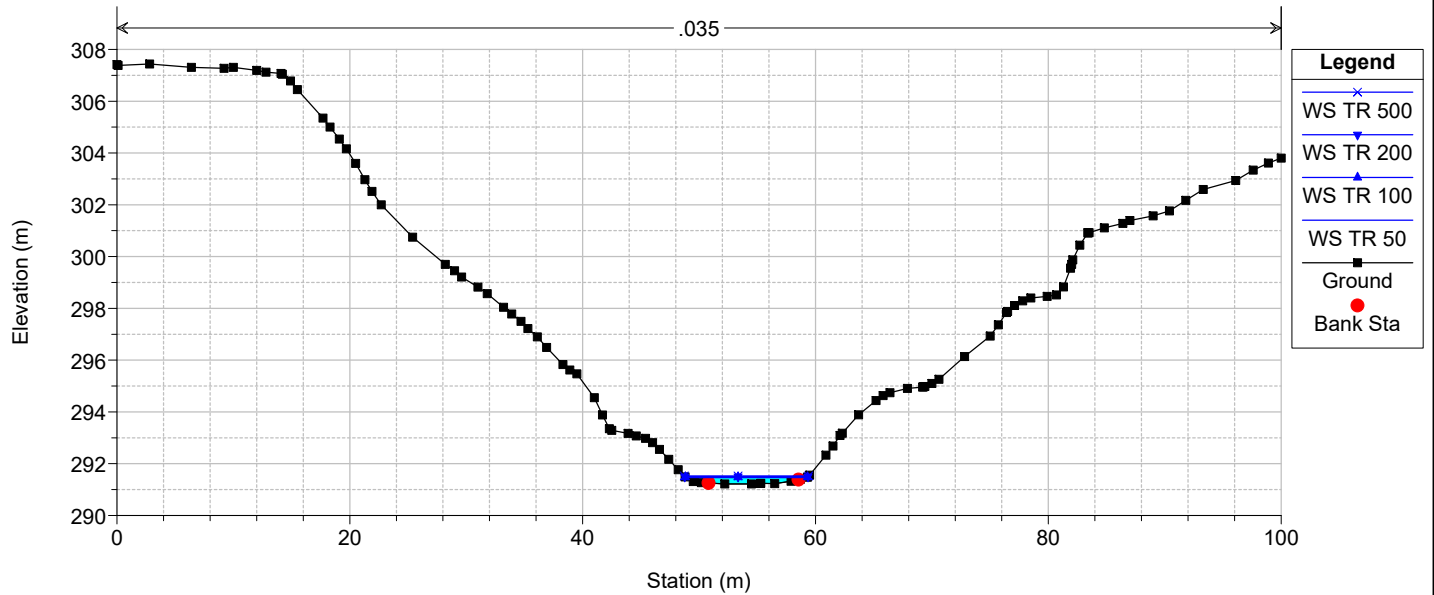
River = asta 4-2 Reach = 4-2 RS = 650 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

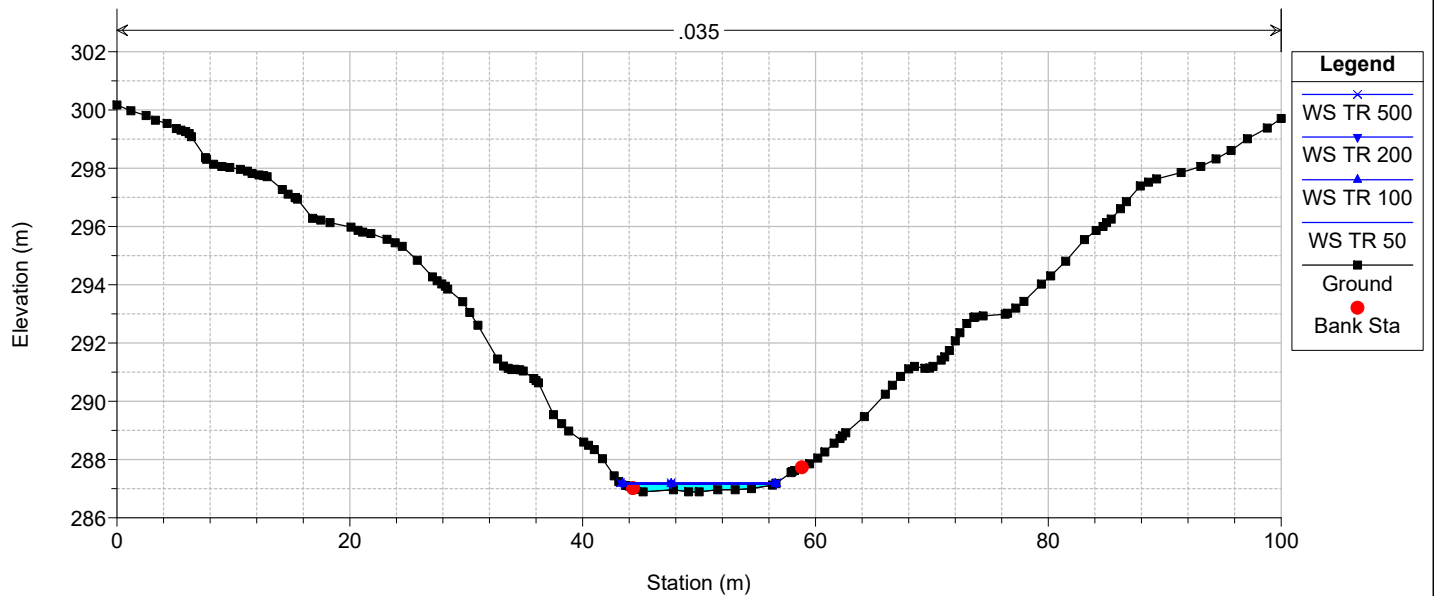
River = asta 4-2 Reach = 4-2 RS = 600 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

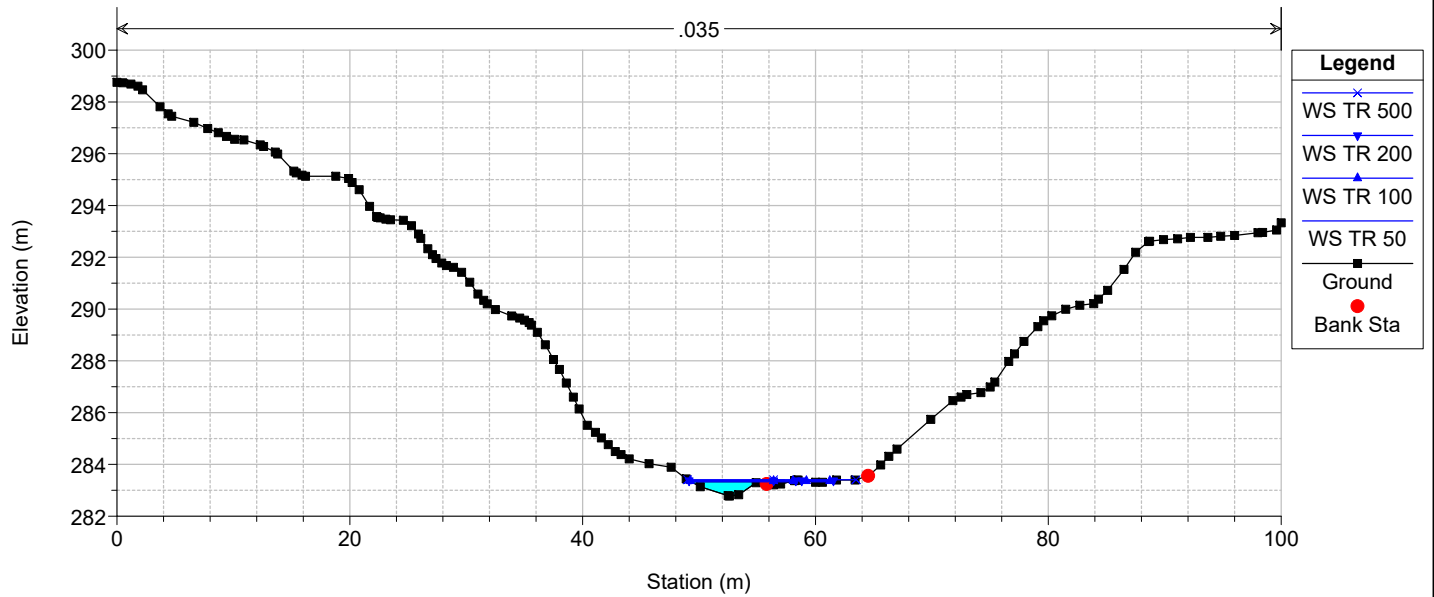
River = asta 4-2 Reach = 4-2 RS = 550 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

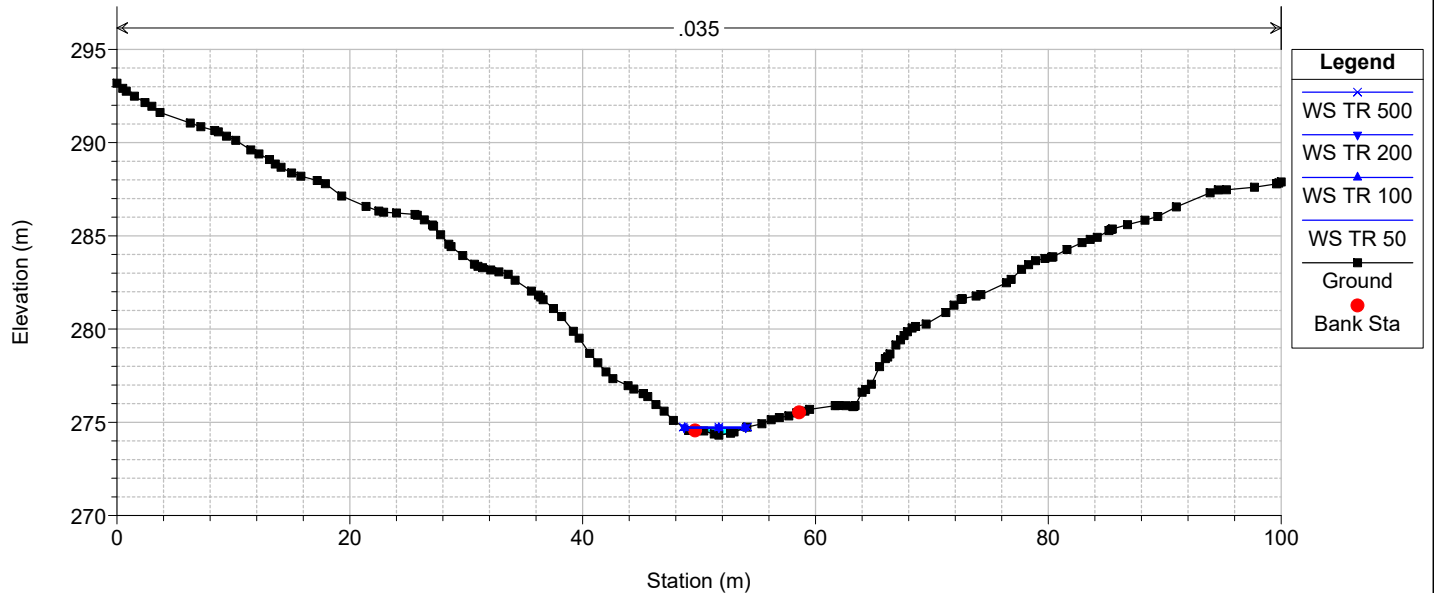
River = asta 4-2 Reach = 4-2 RS = 500 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

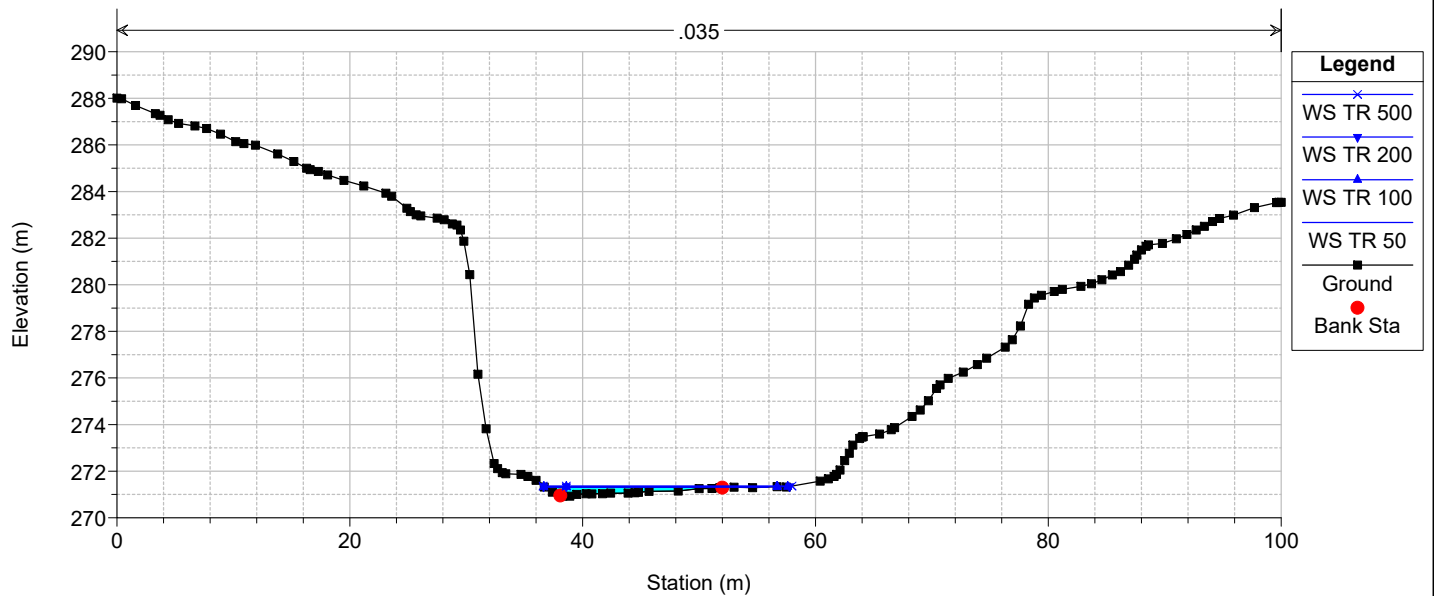
River = asta 4-2 Reach = 4-2 RS = 450 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

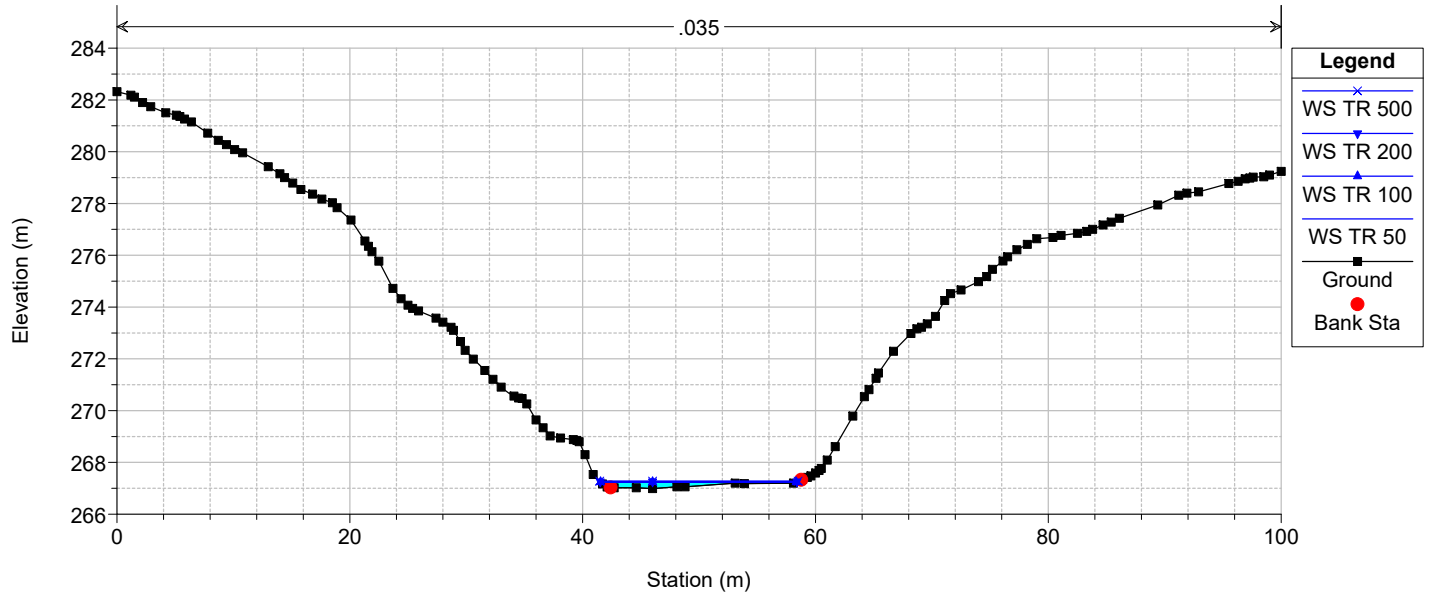
River = asta 4-2 Reach = 4-2 RS = 400 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

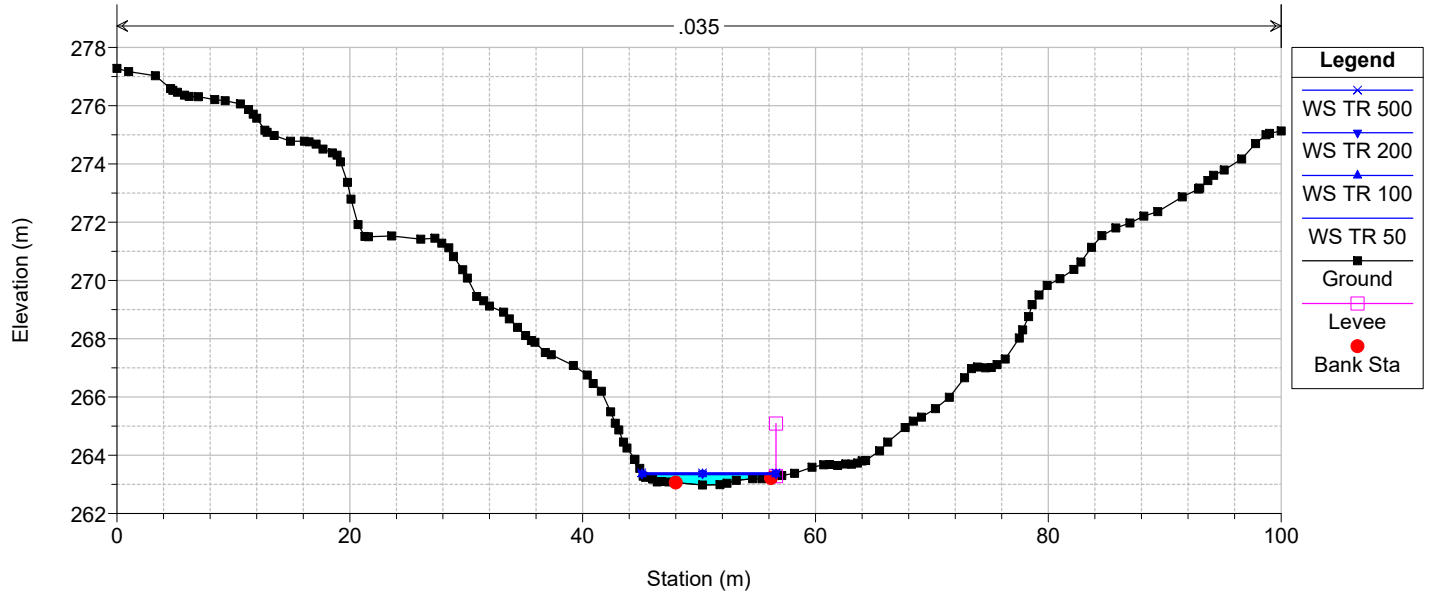
River = asta 4-2 Reach = 4-2 RS = 350 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

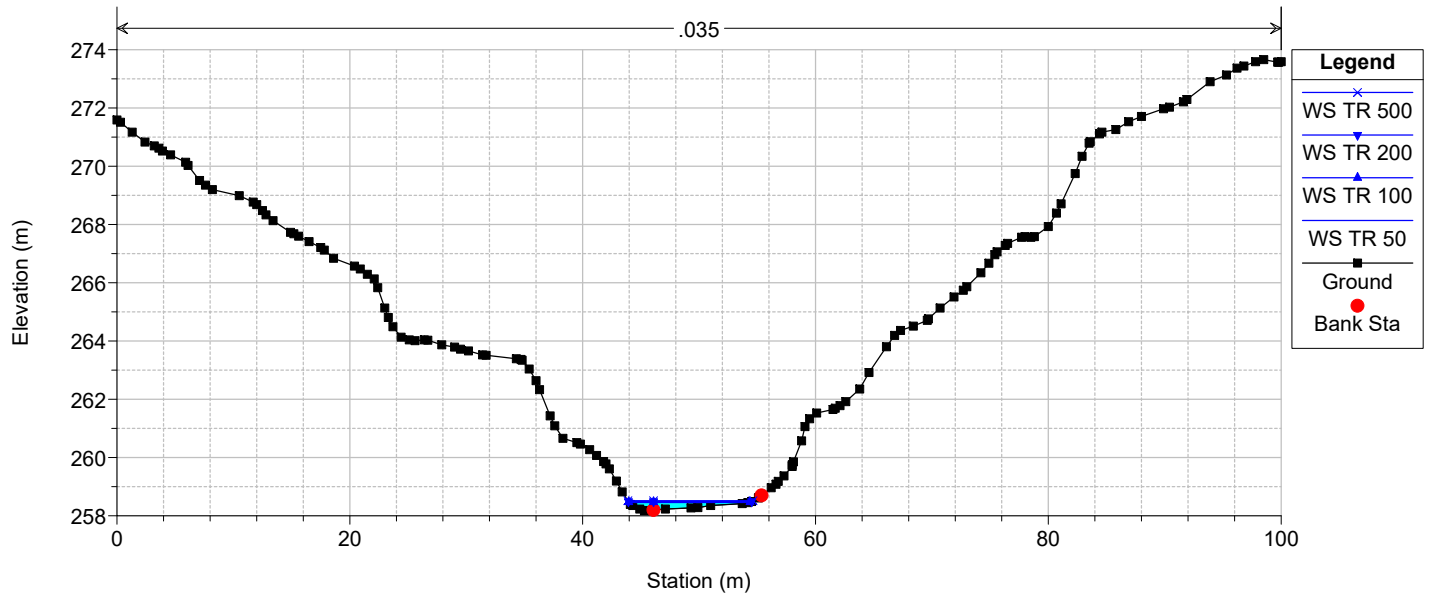
River = asta 4-2 Reach = 4-2 RS = 300 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

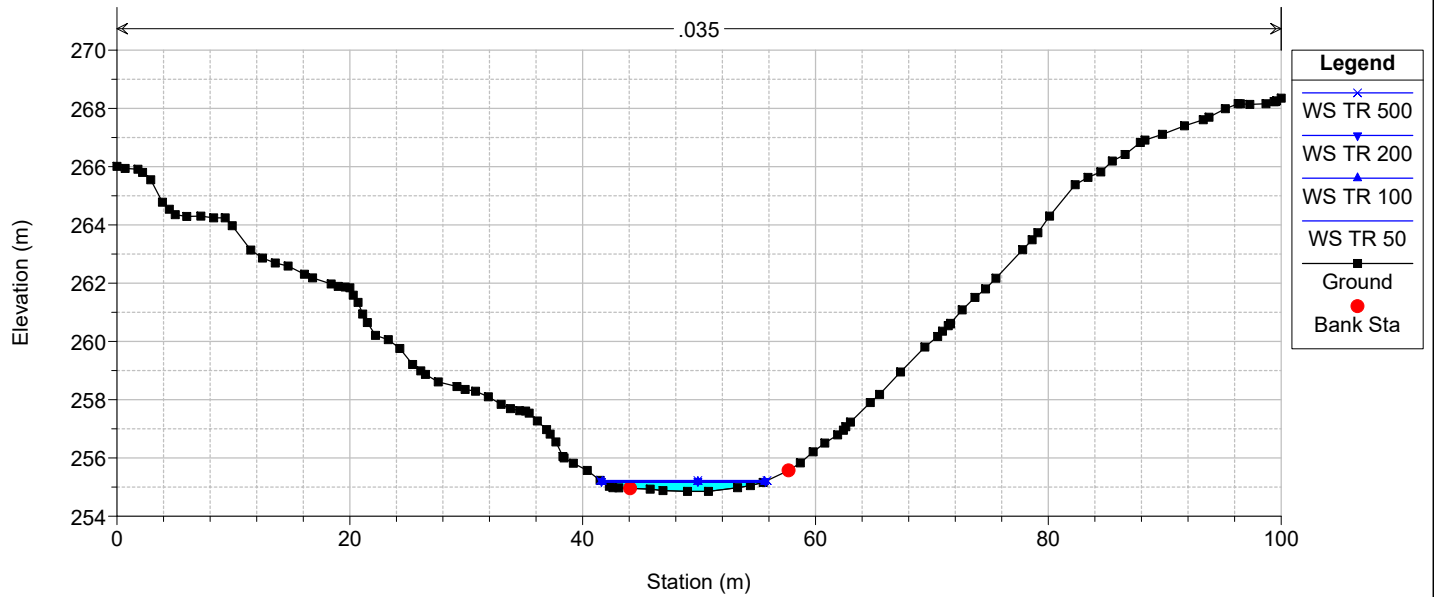
River = asta 4-2 Reach = 4-2 RS = 250 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

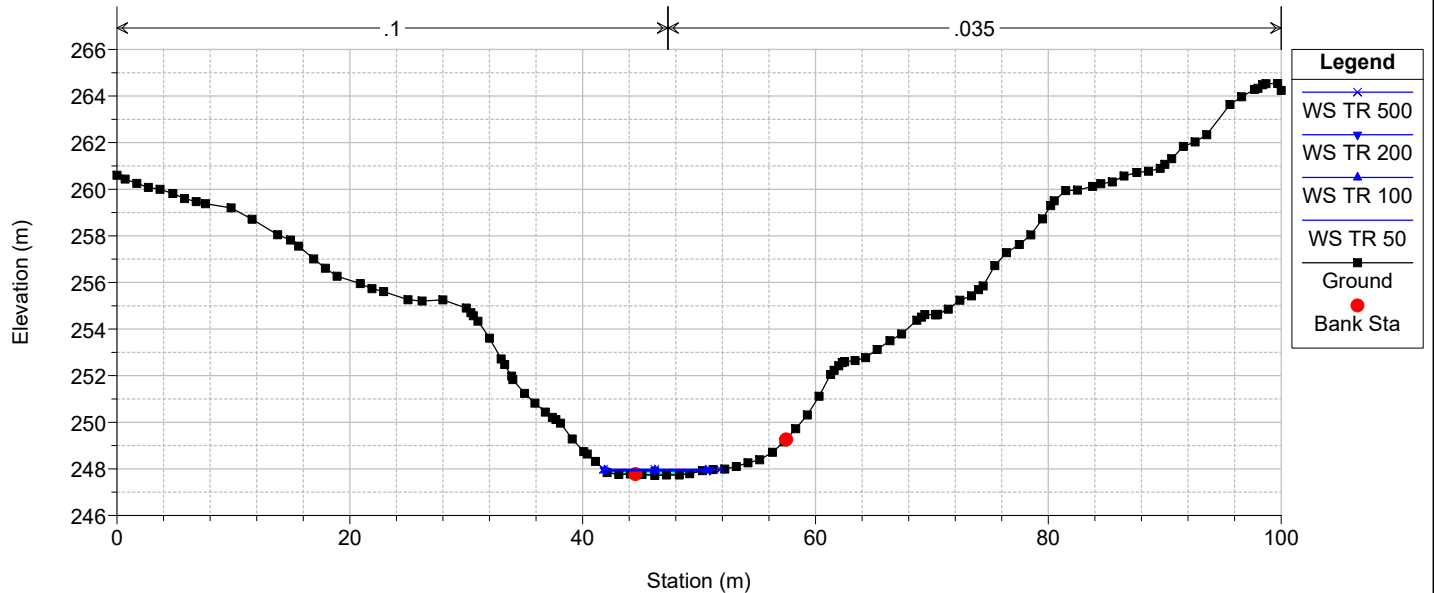
River = asta 4-2 Reach = 4-2 RS = 200 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

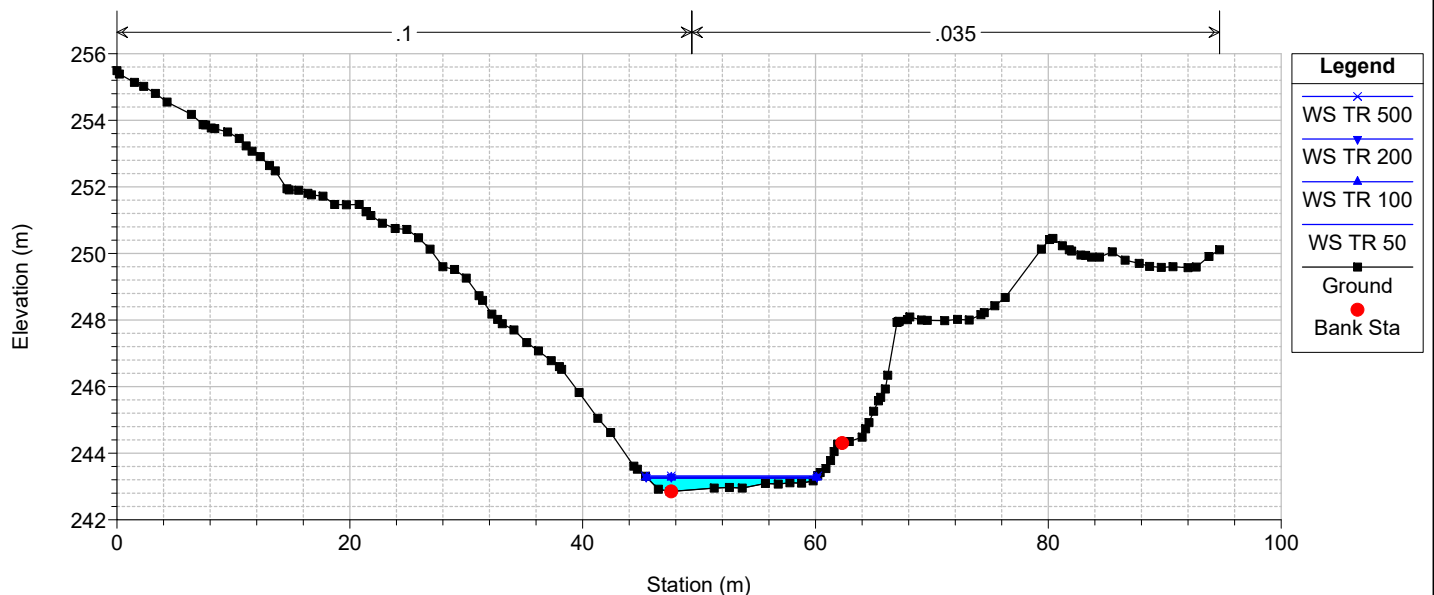
River = asta 4-2 Reach = 4-2 RS = 150 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

River = asta 4-2 Reach = 4-2 RS = 102.8348 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI

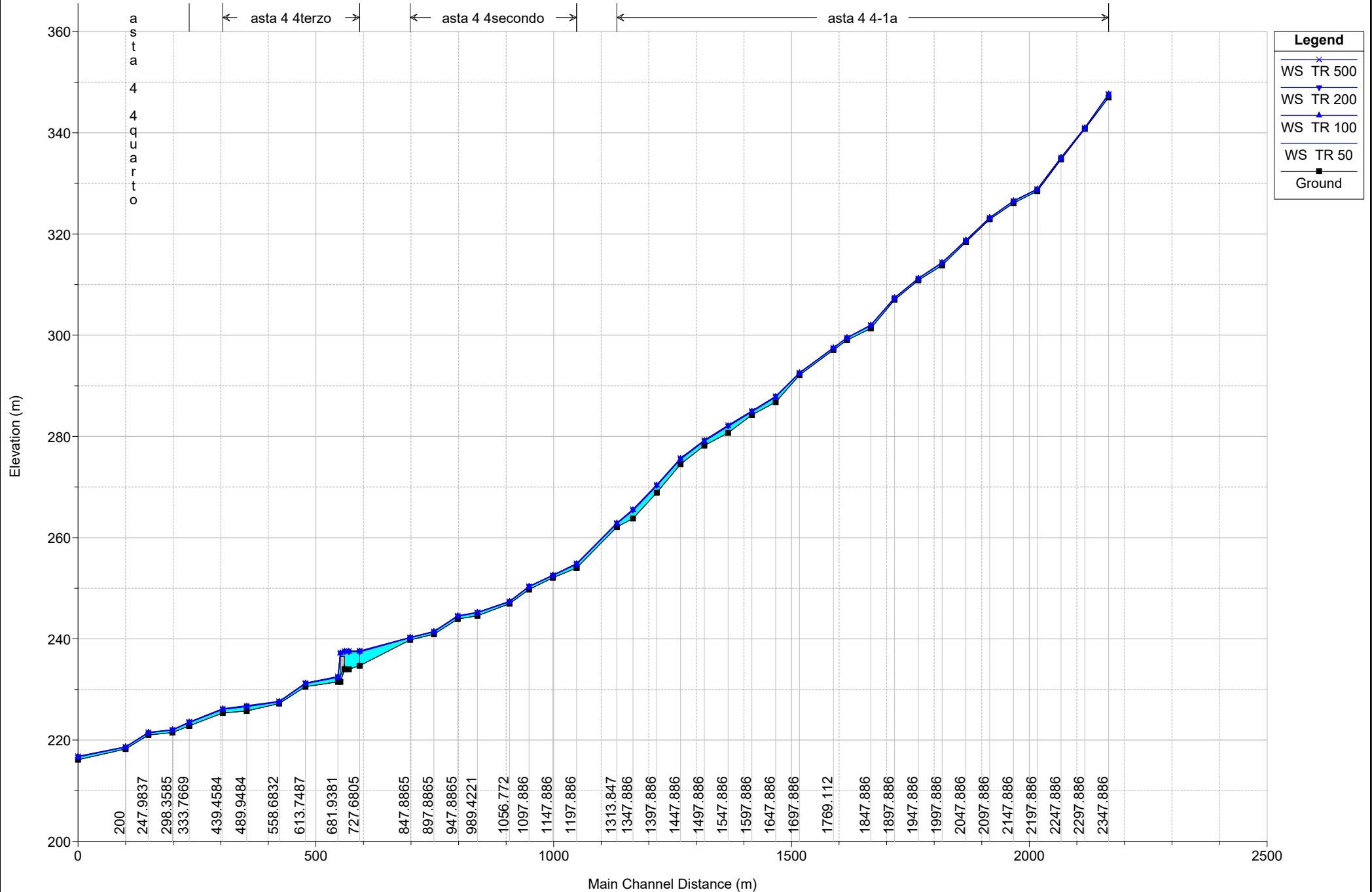


Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
4-2	1250	TR 50	6.39	340.87	341.27	341.27	341.41	0.016791	1.72	3.88	13.77	0.97
4-2	1250	TR 100	7.30	340.87	341.30	341.30	341.45	0.016401	1.79	4.27	14.04	0.97
4-2	1250	TR 200	8.25	340.87	341.32	341.32	341.49	0.015997	1.85	4.66	14.30	0.97
4-2	1250	TR 500	9.59	340.87	341.36	341.36	341.54	0.015594	1.94	5.20	14.65	0.98
4-2	1200	TR 50	6.39	336.21	336.46	336.73	338.63	0.842989	6.56	0.99	8.19	5.92
4-2	1200	TR 100	7.30	336.21	336.48	336.76	338.74	0.784312	6.71	1.11	8.45	5.79
4-2	1200	TR 200	8.25	336.21	336.49	336.79	338.84	0.733803	6.85	1.22	8.65	5.68
4-2	1200	TR 500	9.59	336.21	336.51	336.82	338.97	0.669774	7.01	1.39	8.95	5.52
4-2	1150	TR 50	6.39	333.21	333.49	333.53	333.67	0.031024	1.86	3.47	16.11	1.25
4-2	1150	TR 100	7.30	333.21	333.51	333.56	333.71	0.031844	1.97	3.76	16.34	1.28
4-2	1150	TR 200	8.25	333.21	333.53	333.58	333.74	0.032730	2.07	4.03	16.58	1.31
4-2	1150	TR 500	9.59	333.21	333.55	333.61	333.79	0.033849	2.21	4.40	16.90	1.35
4-2	1100	TR 50	6.39	330.12	330.44	330.59	330.94	0.116175	3.37	2.14	13.31	2.38
4-2	1100	TR 100	7.30	330.12	330.46	330.60	330.97	0.111173	3.42	2.40	13.98	2.35
4-2	1100	TR 200	8.25	330.12	330.48	330.62	331.00	0.106489	3.47	2.67	14.88	2.32
4-2	1100	TR 500	9.59	330.12	330.51	330.65	331.04	0.101528	3.55	3.09	16.54	2.29
4-2	1050	TR 50	6.39	328.13	328.54	328.58	328.73	0.021756	2.00	3.35	14.27	1.29
4-2	1050	TR 100	7.30	328.13	328.55	328.61	328.77	0.022090	2.12	3.62	14.43	1.32
4-2	1050	TR 200	8.25	328.13	328.57	328.64	328.81	0.022413	2.24	3.89	14.59	1.35
4-2	1050	TR 500	9.59	328.13	328.60	328.67	328.87	0.022763	2.38	4.26	14.96	1.39
4-2	1000	TR 50	6.39	323.62	323.86	324.09	325.97	0.237182	6.44	0.99	10.14	6.58
4-2	1000	TR 100	7.30	323.62	323.87	324.12	326.03	0.221138	6.51	1.12	10.75	6.43
4-2	1000	TR 200	8.25	323.62	323.88	324.14	326.09	0.204001	6.58	1.25	11.10	6.25
4-2	1000	TR 500	9.59	323.62	323.90	324.18	326.18	0.182564	6.69	1.43	11.40	6.02
4-2	950	TR 50	6.39	320.43	320.66	320.80	321.23	0.043698	3.39	1.93	15.39	2.97
4-2	950	TR 100	7.30	320.43	320.67	320.82	321.31	0.044803	3.59	2.08	15.54	3.05
4-2	950	TR 200	8.25	320.43	320.68	320.85	321.39	0.046277	3.80	2.23	15.67	3.13
4-2	950	TR 500	9.59	320.43	320.69	320.89	321.51	0.048538	4.07	2.41	15.80	3.24
4-2	900	TR 50	6.39	316.53	316.74	316.85	317.21	0.187588	3.15	2.12	19.07	2.81
4-2	900	TR 100	7.30	316.53	316.75	316.87	317.25	0.182527	3.22	2.36	19.84	2.79
4-2	900	TR 200	8.25	316.53	316.76	316.89	317.28	0.175368	3.27	2.62	20.55	2.76
4-2	900	TR 500	9.59	316.53	316.78	316.92	317.34	0.165099	3.40	2.94	20.86	2.73
4-2	850	TR 50	6.39	312.11	312.51	312.59	312.77	0.050527	2.25	2.86	14.30	1.58
4-2	850	TR 100	7.30	312.11	312.53	312.61	312.81	0.051112	2.38	3.10	14.57	1.61
4-2	850	TR 200	8.25	312.11	312.54	312.64	312.86	0.052018	2.51	3.34	16.18	1.64
4-2	850	TR 500	9.59	312.11	312.56	312.67	312.92	0.053620	2.69	3.66	16.30	1.68
4-2	800	TR 50	6.39	308.29	308.49	308.59	308.86	0.135672	2.65	2.39	18.61	2.38
4-2	800	TR 100	7.30	308.29	308.50	308.61	308.91	0.133278	2.79	2.61	18.75	2.39
4-2	800	TR 200	8.25	308.29	308.52	308.63	308.95	0.129979	2.91	2.84	18.90	2.40
4-2	800	TR 500	9.59	308.29	308.53	308.66	309.01	0.124700	3.06	3.16	19.10	2.39
4-2	750	TR 50	6.39	304.17	304.45	304.52	304.69	0.055472	2.20	2.97	17.25	1.62
4-2	750	TR 100	7.30	304.17	304.47	304.55	304.73	0.056176	2.31	3.24	17.61	1.65
4-2	750	TR 200	8.25	304.17	304.48	304.57	304.77	0.057131	2.42	3.50	17.95	1.68
4-2	750	TR 500	9.59	304.17	304.50	304.60	304.83	0.058825	2.58	3.83	18.45	1.73
4-2	700	TR 50	6.39	300.15	300.40	300.51	300.80	0.115770	2.83	2.28	14.91	2.28
4-2	700	TR 100	7.30	300.15	300.42	300.54	300.85	0.112995	2.95	2.51	15.10	2.28
4-2	700	TR 200	8.25	300.15	300.43	300.56	300.90	0.109771	3.06	2.73	15.22	2.28
4-2	700	TR 500	9.59	300.15	300.45	300.59	300.96	0.105118	3.19	3.04	15.38	2.26
4-2	650	TR 50	6.39	295.54	295.88	296.00	296.29	0.072138	2.92	2.25	10.06	1.92
4-2	650	TR 100	7.30	295.54	295.90	296.04	296.36	0.073088	3.07	2.45	10.25	1.96
4-2	650	TR 200	8.25	295.54	295.92	296.07	296.42	0.074300	3.22	2.64	10.40	1.99
4-2	650	TR 500	9.59	295.54	295.94	296.11	296.51	0.076142	3.42	2.89	10.59	2.04
4-2	600	TR 50	6.39	291.22	291.47	291.61	292.00	0.103368	3.32	2.00	10.29	2.27
4-2	600	TR 100	7.30	291.22	291.48	291.65	292.07	0.101497	3.48	2.20	10.49	2.28
4-2	600	TR 200	8.25	291.22	291.50	291.68	292.13	0.099531	3.62	2.39	10.58	2.29
4-2	600	TR 500	9.59	291.22	291.53	291.72	292.22	0.096909	3.80	2.65	10.70	2.29
4-2	550	TR 50	6.39	286.89	287.15	287.26	287.51	0.076825	2.66	2.43	12.96	1.92
4-2	550	TR 100	7.30	286.89	287.17	287.29	287.57	0.078307	2.82	2.63	13.11	1.97
4-2	550	TR 200	8.25	286.89	287.18	287.31	287.63	0.079867	2.97	2.82	13.25	2.01
4-2	550	TR 500	9.59	286.89	287.20	287.35	287.71	0.082057	3.16	3.08	13.41	2.06
4-2	500	TR 50	6.39	283.21	283.33	283.50	283.86	0.068323	1.10	2.09	9.78	1.47
4-2	500	TR 100	7.30	283.21	283.36	283.53	283.91	0.067135	1.20	2.35	10.87	1.50
4-2	500	TR 200	8.25	283.21	283.38	283.55	283.97	0.066111	1.31	2.61	11.90	1.52
4-2	500	TR 500	9.59	283.21	283.41	283.59	284.03	0.065074	1.32	3.02	14.47	1.52
4-2	450	TR 50	6.39	274.31	274.68	275.02	276.86	0.421988	6.66	0.99	5.03	4.56
4-2	450	TR 100	7.30	274.31	274.70	275.06	277.04	0.412539	6.90	1.10	5.16	4.56
4-2	450	TR 200	8.25	274.31	274.72	275.10	277.20	0.402499	7.11	1.20	5.30	4.55

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
4-2	450	TR 500	9.59	274.31	274.75	275.16	277.39	0.389060	7.35	1.35	5.50	4.53
4-2	400	TR 50	6.39	270.93	271.32	271.38	271.52	0.040835	2.02	3.22	19.21	1.42
4-2	400	TR 100	7.30	270.93	271.33	271.40	271.56	0.042247	2.15	3.51	20.91	1.46
4-2	400	TR 200	8.25	270.93	271.34	271.42	271.60	0.043550	2.27	3.79	21.13	1.50
4-2	400	TR 500	9.59	270.93	271.36	271.45	271.65	0.045266	2.43	4.17	21.37	1.54
4-2	350	TR 50	6.39	266.99	267.23	267.35	267.71	0.185496	3.06	2.08	16.70	2.78
4-2	350	TR 100	7.30	266.99	267.24	267.37	267.75	0.172480	3.16	2.31	16.81	2.72
4-2	350	TR 200	8.25	266.99	267.26	267.40	267.80	0.162205	3.25	2.54	16.91	2.68
4-2	350	TR 500	9.59	266.99	267.28	267.43	267.85	0.150067	3.37	2.86	17.05	2.62
4-2	300	TR 50	6.39	262.98	263.34	263.42	263.62	0.044849	2.44	2.72	11.46	1.54
4-2	300	TR 100	7.30	262.98	263.35	263.45	263.68	0.046338	2.60	2.93	11.48	1.58
4-2	300	TR 200	8.25	262.98	263.37	263.48	263.73	0.047728	2.75	3.13	11.50	1.62
4-2	300	TR 500	9.59	262.98	263.39	263.52	263.81	0.049544	2.94	3.39	11.53	1.67
4-2	250	TR 50	6.39	258.20	258.46	258.64	259.29	0.224274	3.71	1.61	10.26	3.13
4-2	250	TR 100	7.30	258.20	258.47	258.67	259.35	0.209141	3.83	1.79	10.42	3.07
4-2	250	TR 200	8.25	258.20	258.49	258.70	259.40	0.196938	3.95	1.98	10.58	3.02
4-2	250	TR 500	9.59	258.20	258.52	258.74	259.48	0.183200	4.11	2.23	10.74	2.97
4-2	200	TR 50	6.39	254.85	255.17	255.22	255.38	0.036934	2.11	3.11	13.78	1.38
4-2	200	TR 100	7.30	254.85	255.18	255.25	255.43	0.038113	2.24	3.36	13.94	1.42
4-2	200	TR 200	8.25	254.85	255.20	255.28	255.47	0.039224	2.36	3.60	14.10	1.45
4-2	200	TR 500	9.59	254.85	255.22	255.31	255.53	0.040711	2.52	3.92	14.31	1.50
4-2	150	TR 50	6.39	247.72	247.91	248.16	249.67	1.634765	6.25	1.18	8.31	5.17
4-2	150	TR 100	7.30	247.72	247.94	248.20	249.66	1.438250	6.22	1.35	8.67	4.94
4-2	150	TR 200	8.25	247.72	247.96	248.23	249.66	1.287456	6.19	1.53	9.08	4.77
4-2	150	TR 500	9.59	247.72	247.98	248.27	249.64	1.174398	6.09	1.79	10.04	4.64
4-2	102.8348	TR 50	6.39	242.85	243.25	243.28	243.43	0.041292	1.92	3.64	14.45	1.23
4-2	102.8348	TR 100	7.30	242.85	243.27	243.31	243.47	0.041902	2.04	3.93	14.56	1.26
4-2	102.8348	TR 200	8.25	242.85	243.29	243.33	243.51	0.042474	2.15	4.21	14.66	1.29
4-2	102.8348	TR 500	9.59	242.85	243.32	243.37	243.57	0.042696	2.29	4.60	14.81	1.32

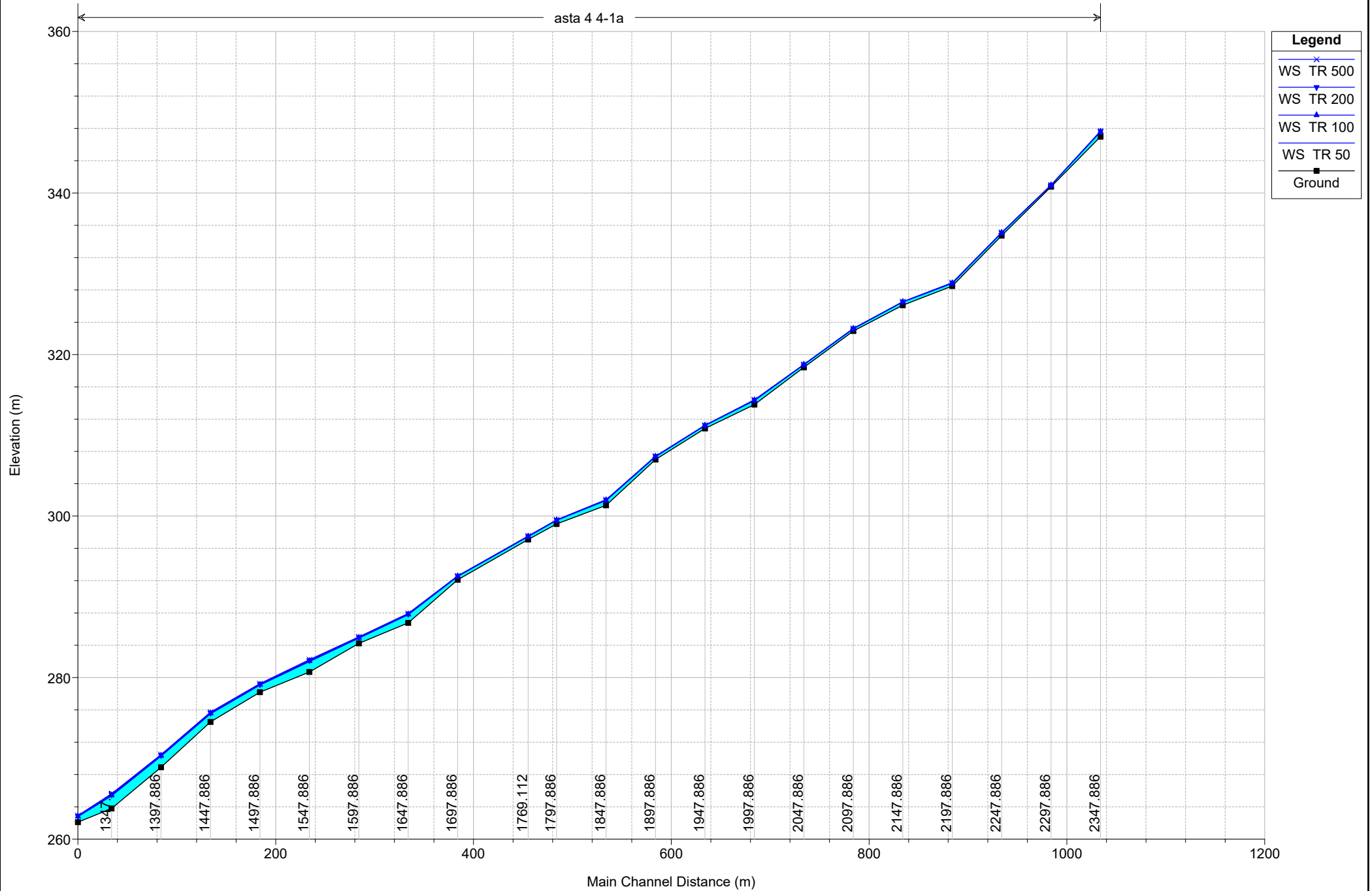
26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



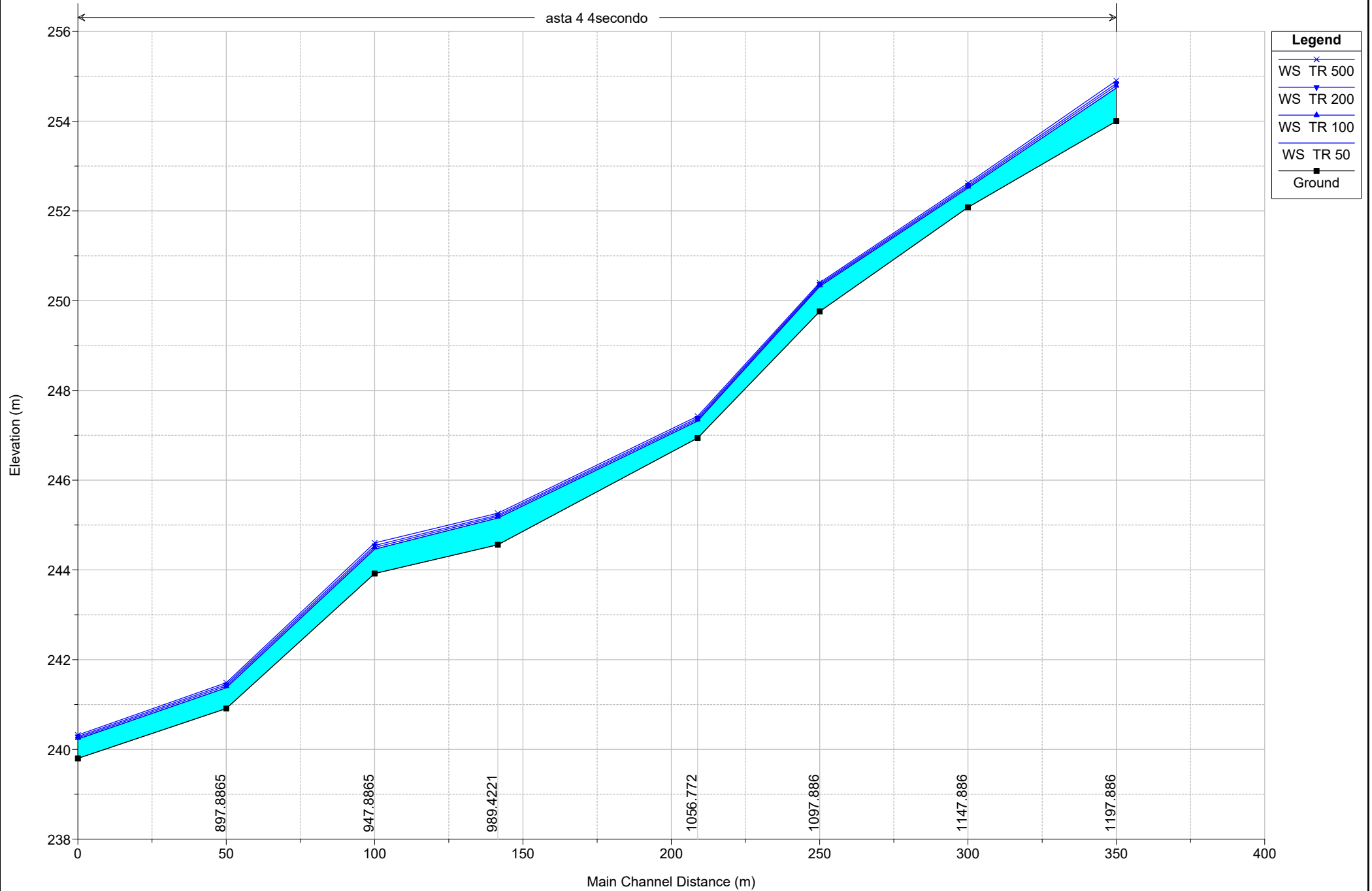
26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



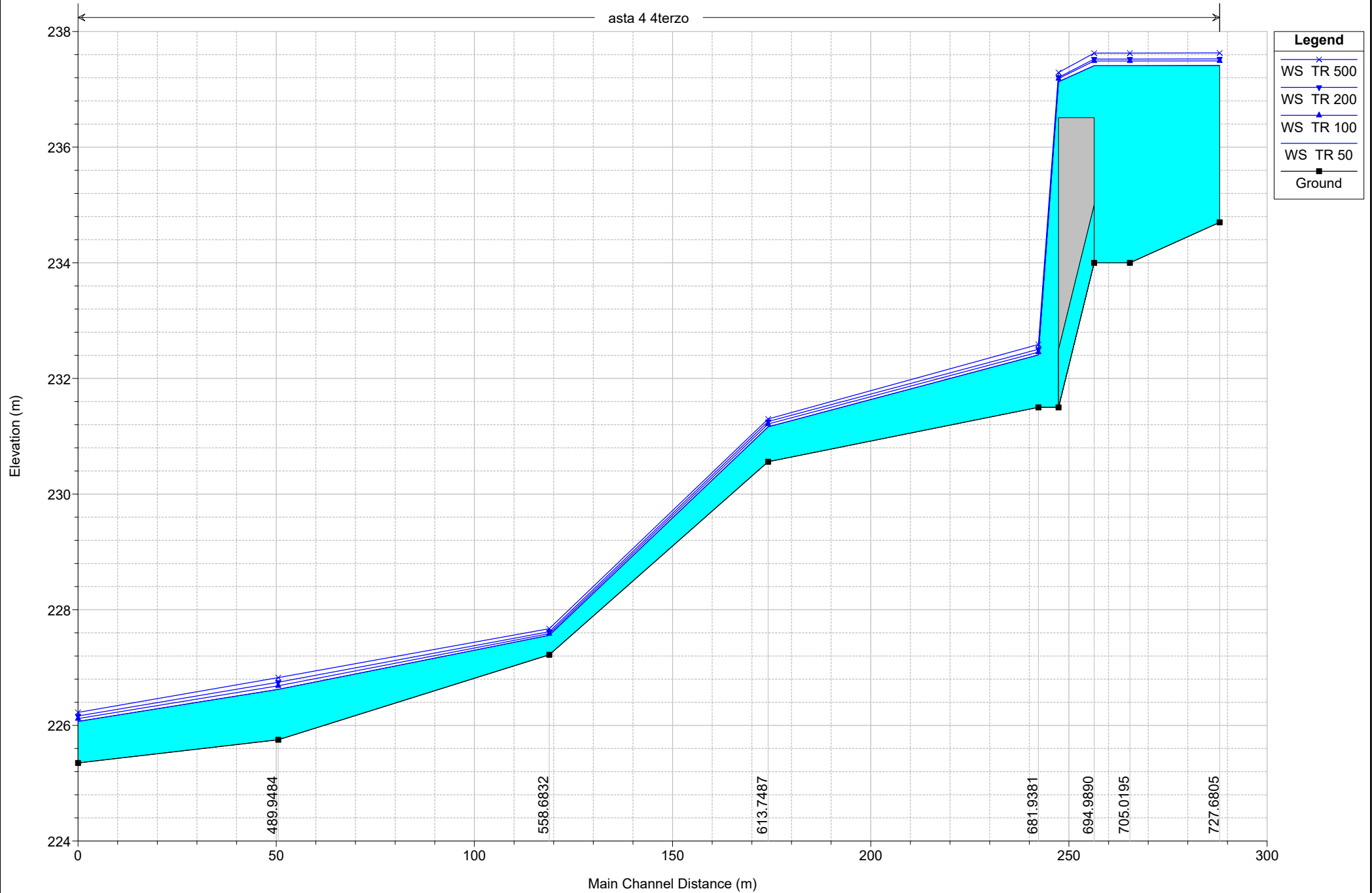
26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



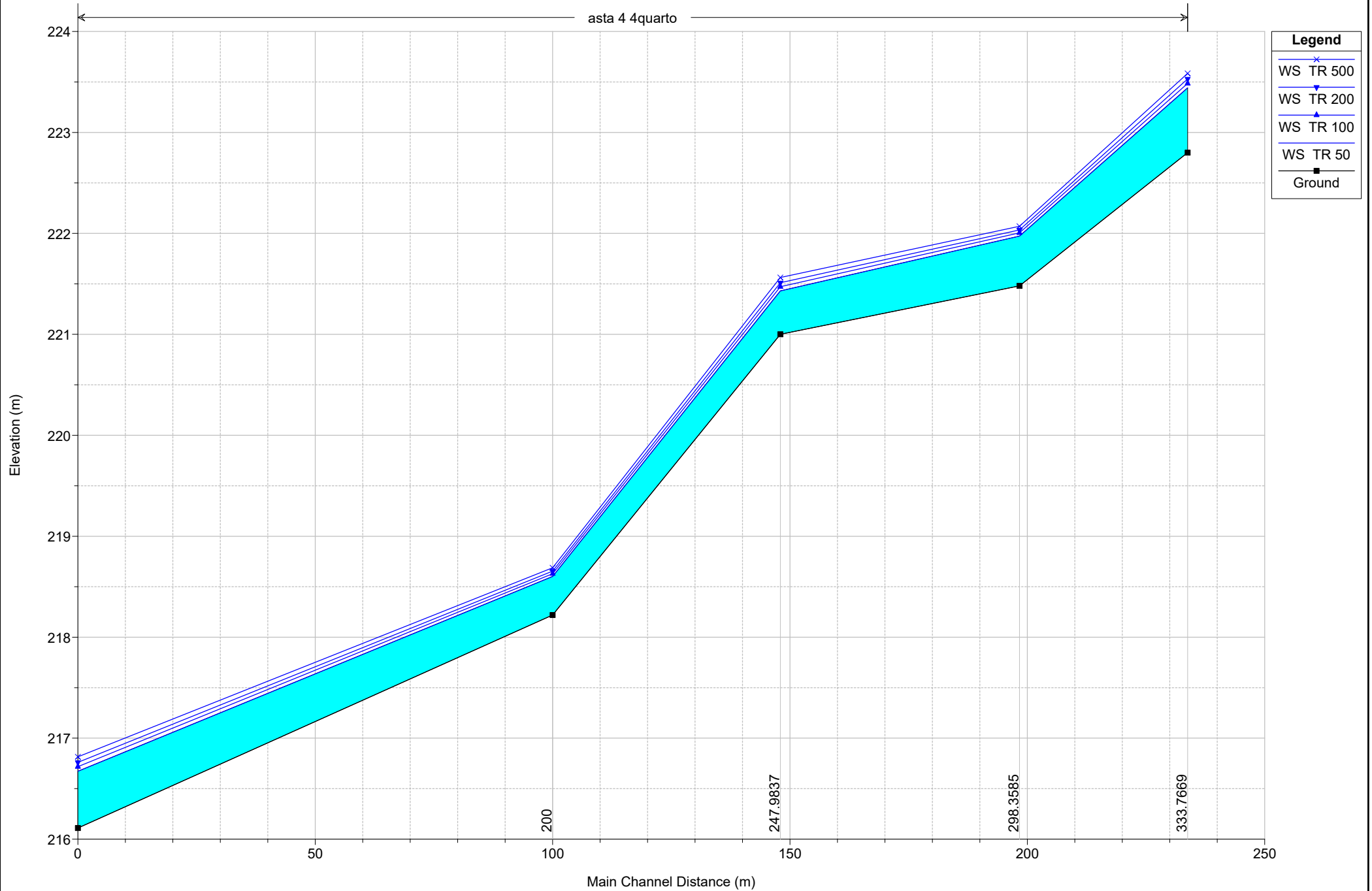
26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

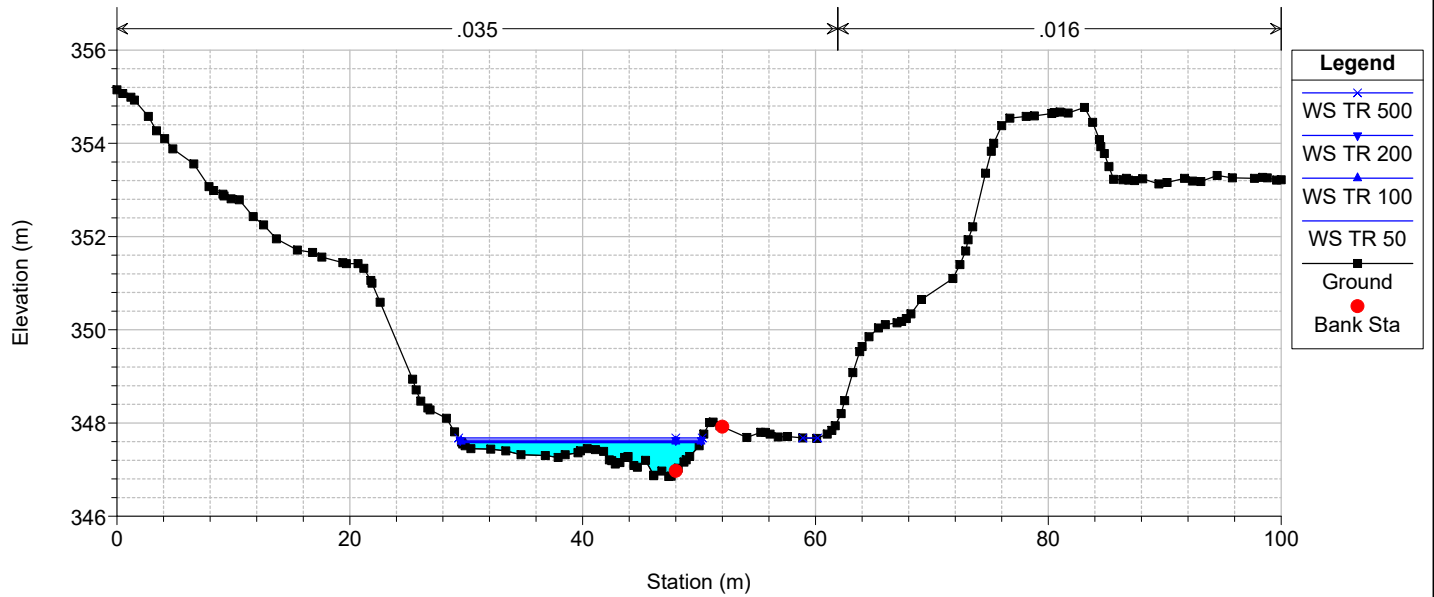
Geom: 05022021 Flow: 05022021 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

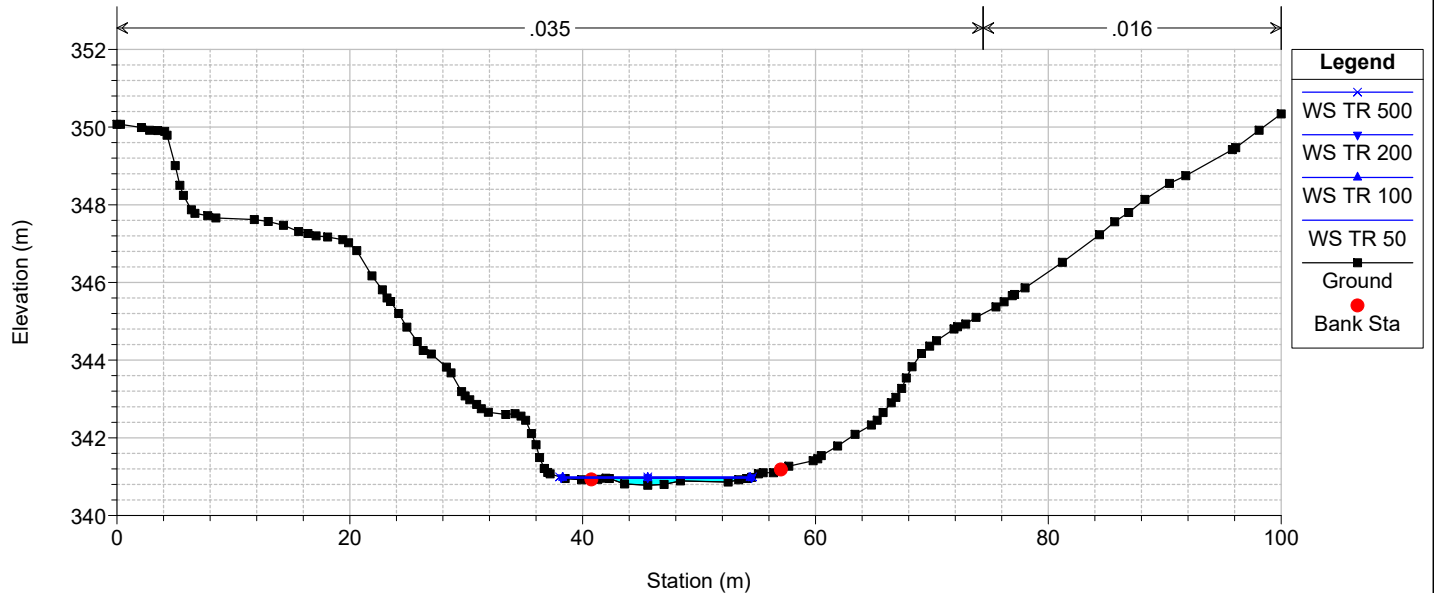
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26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

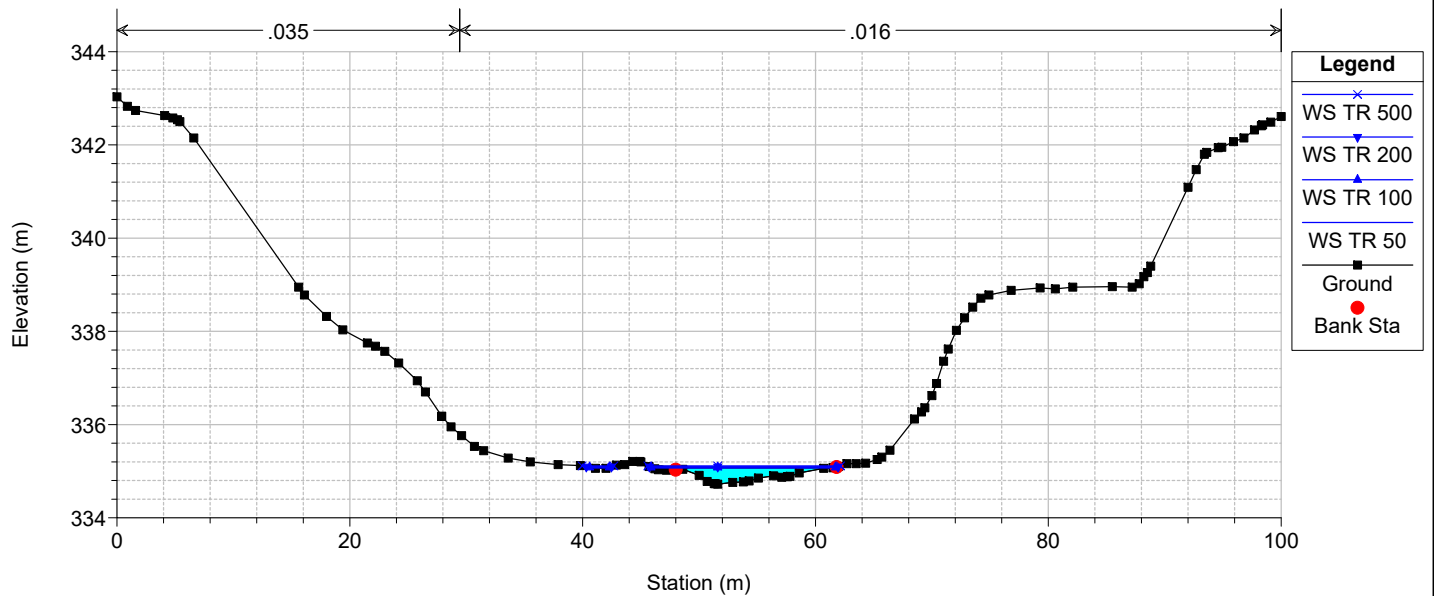
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26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

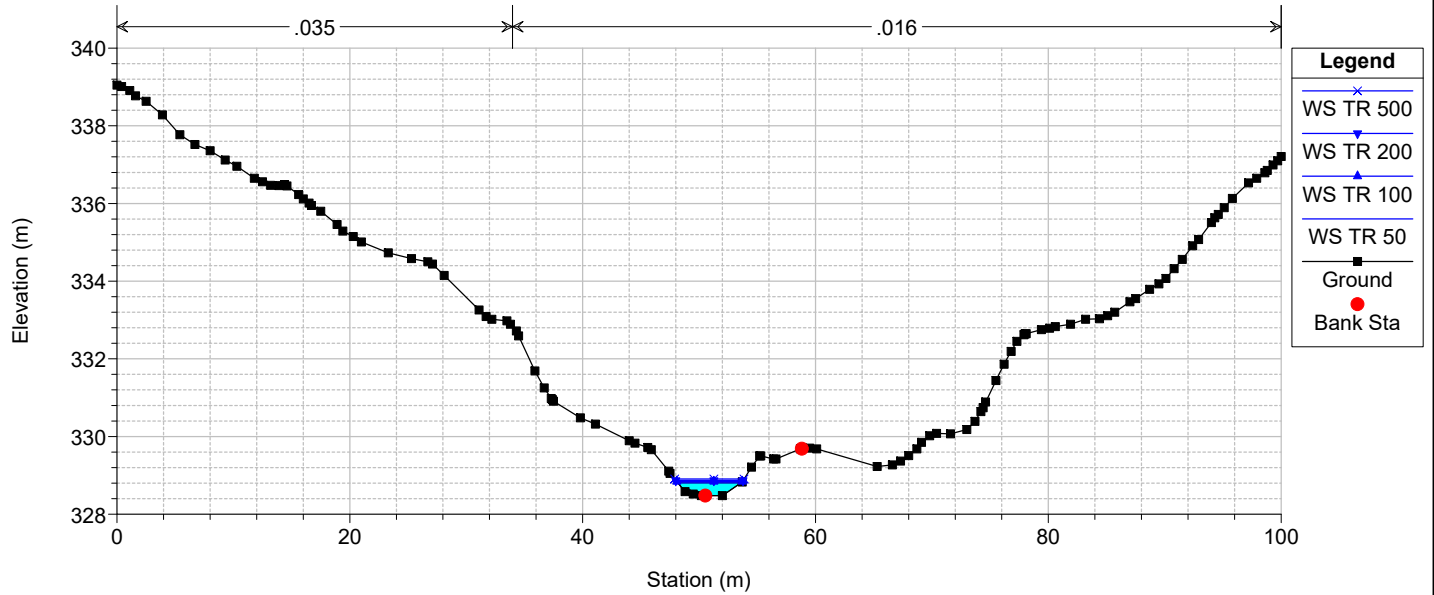
River = asta 4 Reach = 4-1a RS = 2247.886 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

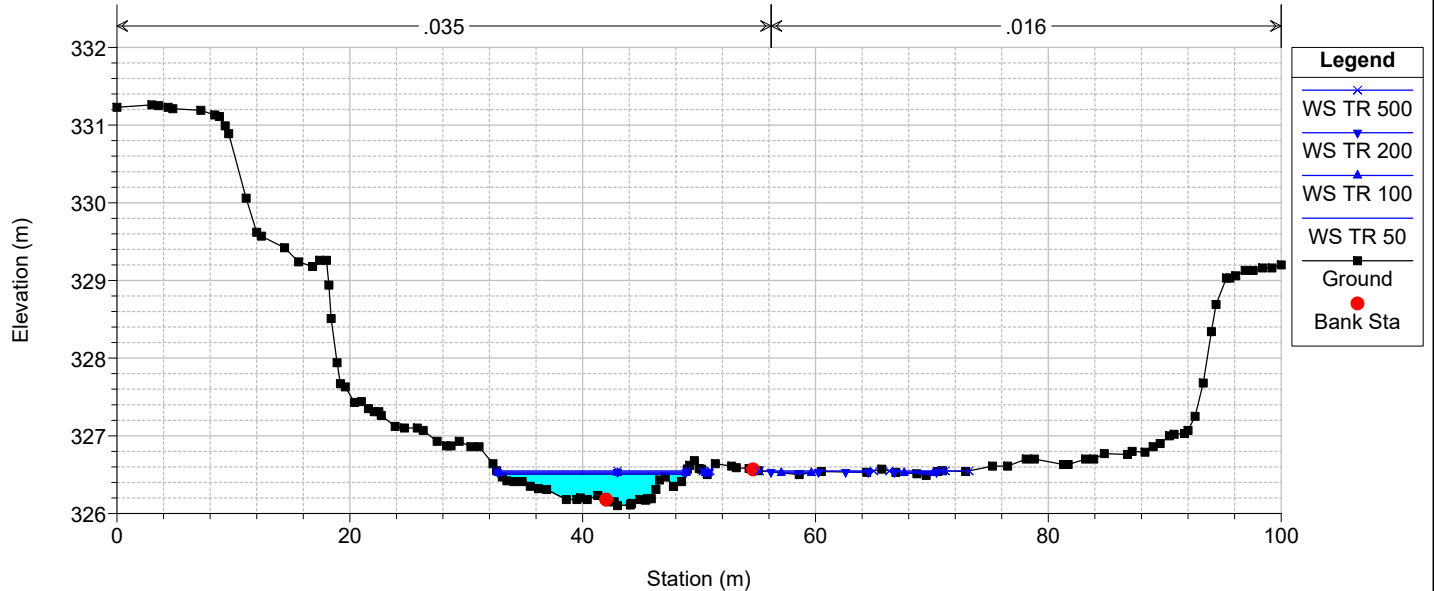
River = asta 4 Reach = 4-1a RS = 2197.886 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

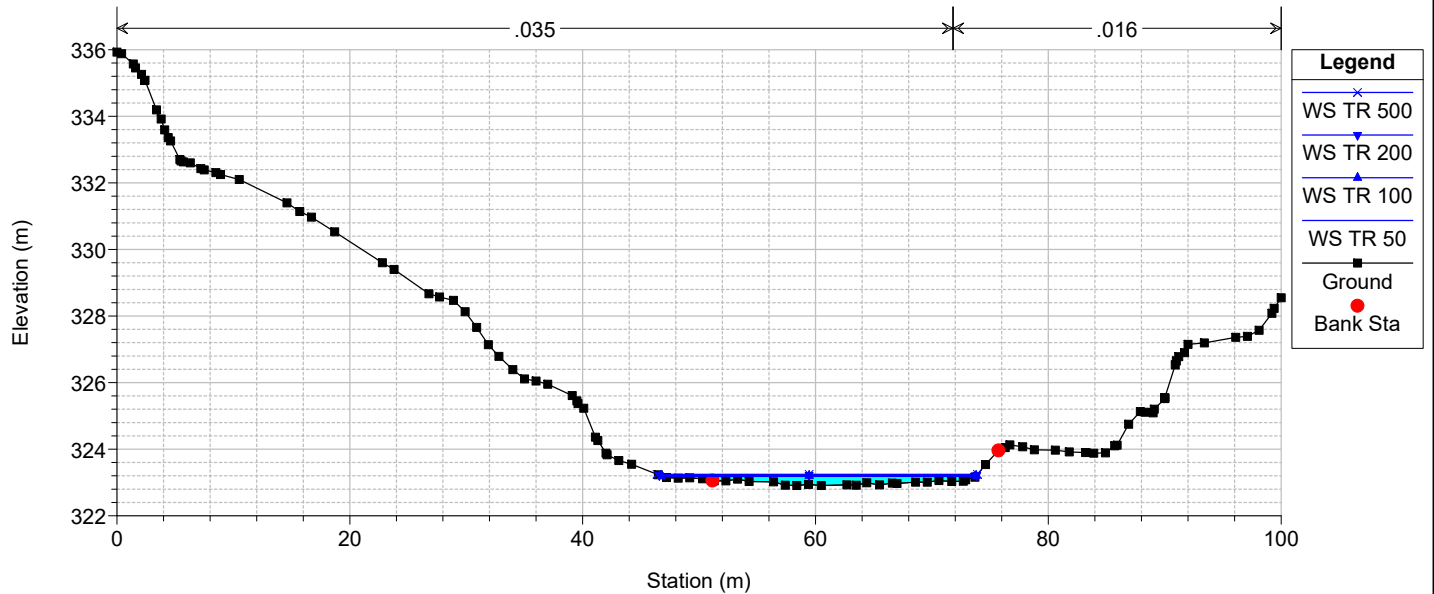
River = asta 4 Reach = 4-1a RS = 2147.886 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

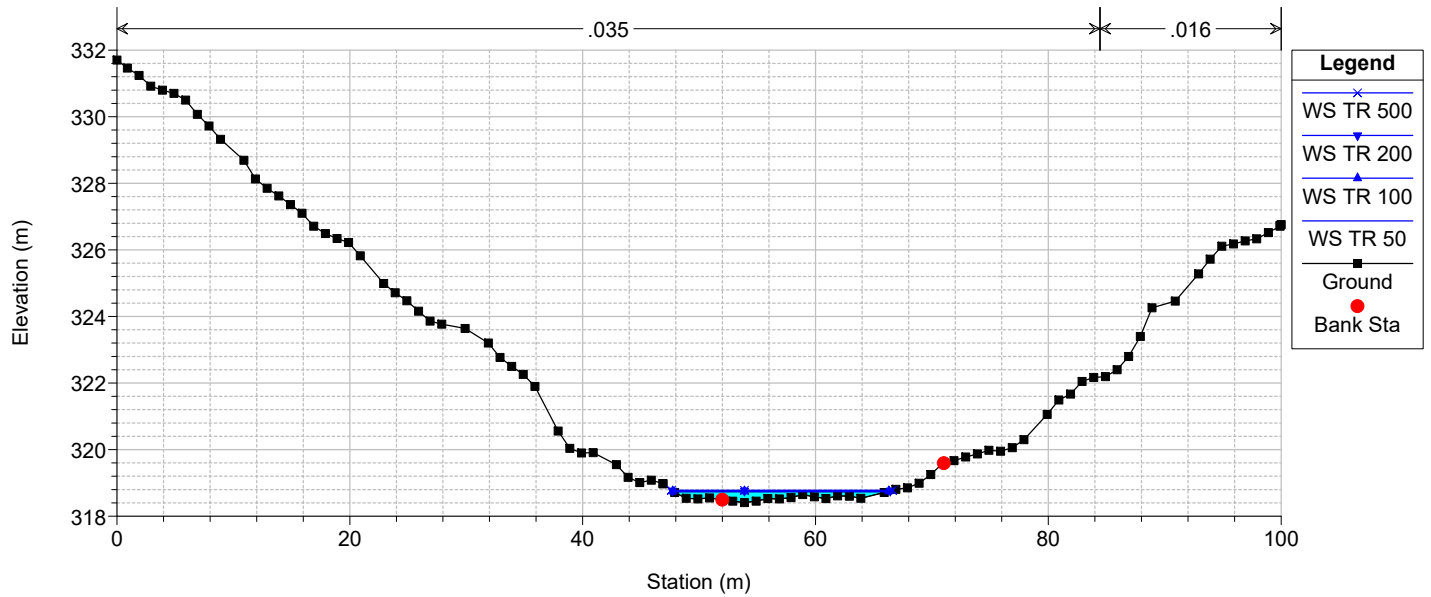
River = asta 4 Reach = 4-1a RS = 2097.886 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

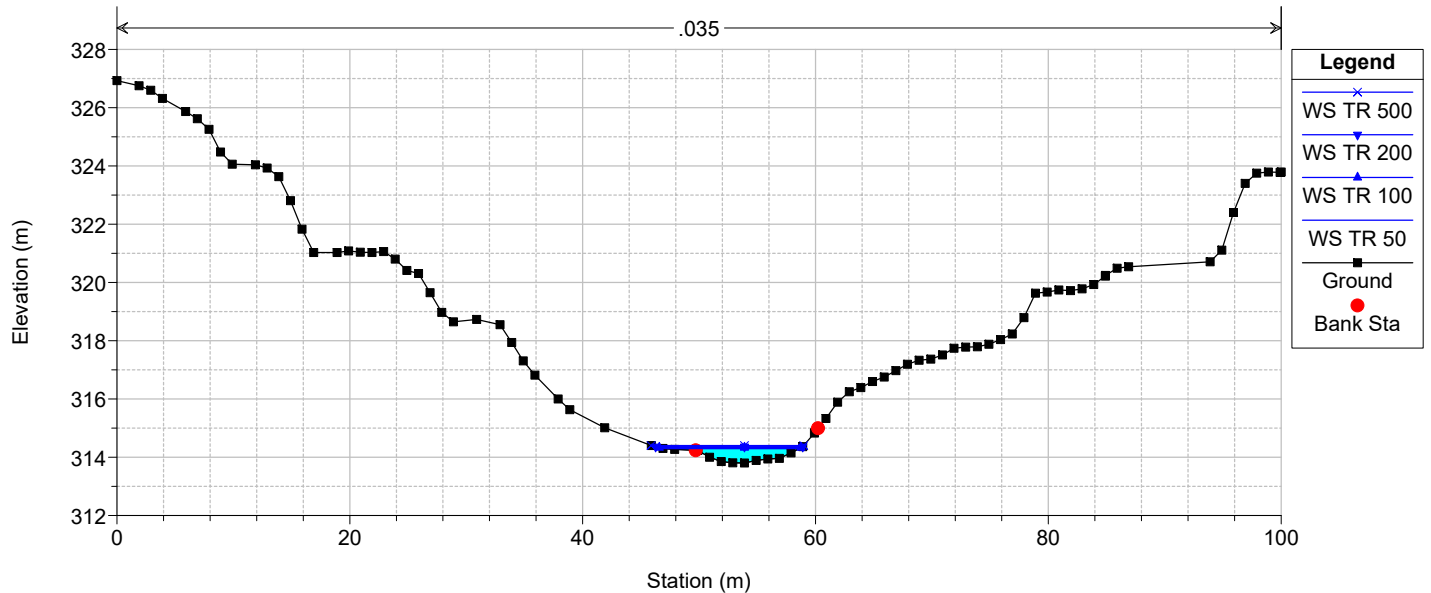
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26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

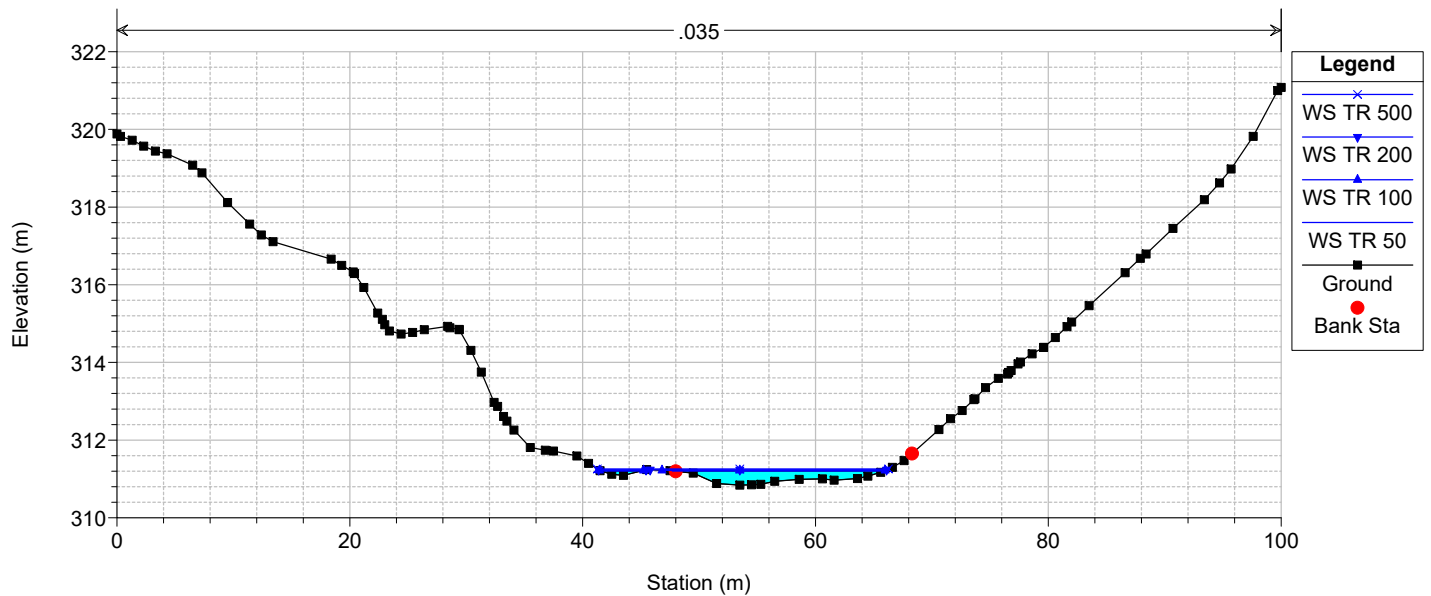
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26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

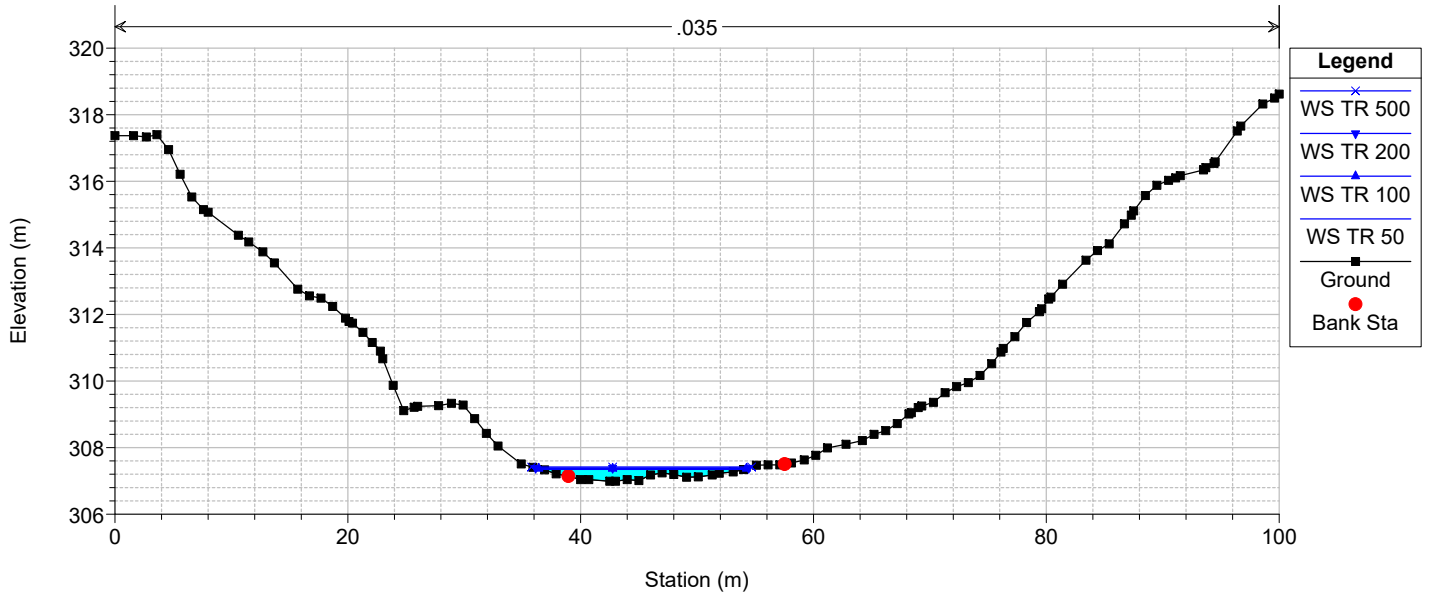
River = asta 4 Reach = 4-1a RS = 1947.886 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

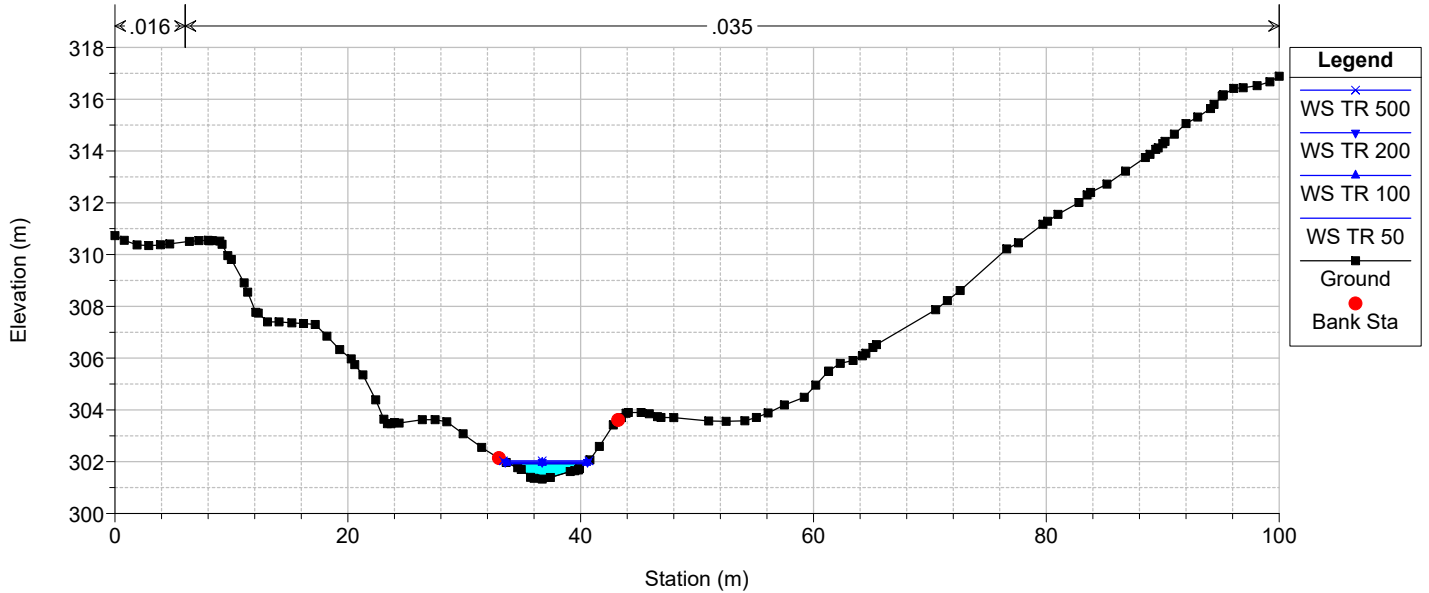
River = asta 4 Reach = 4-1a RS = 1897.886 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

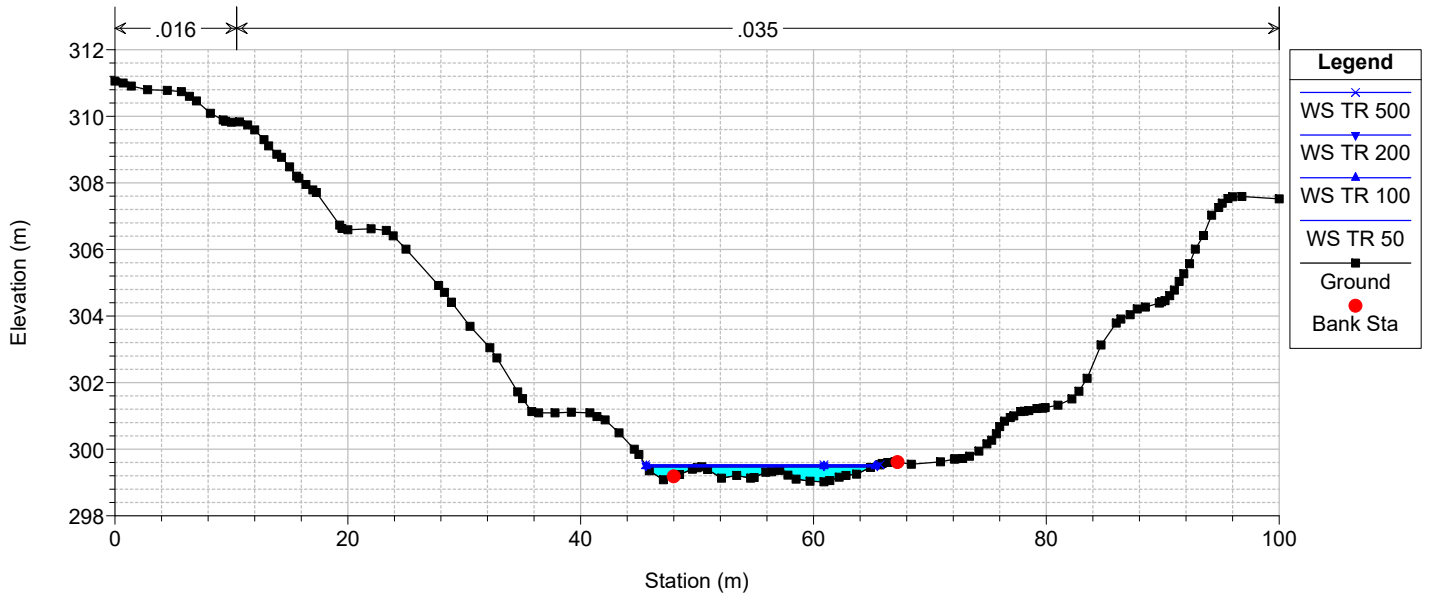
River = asta 4 Reach = 4-1a RS = 1847.886 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

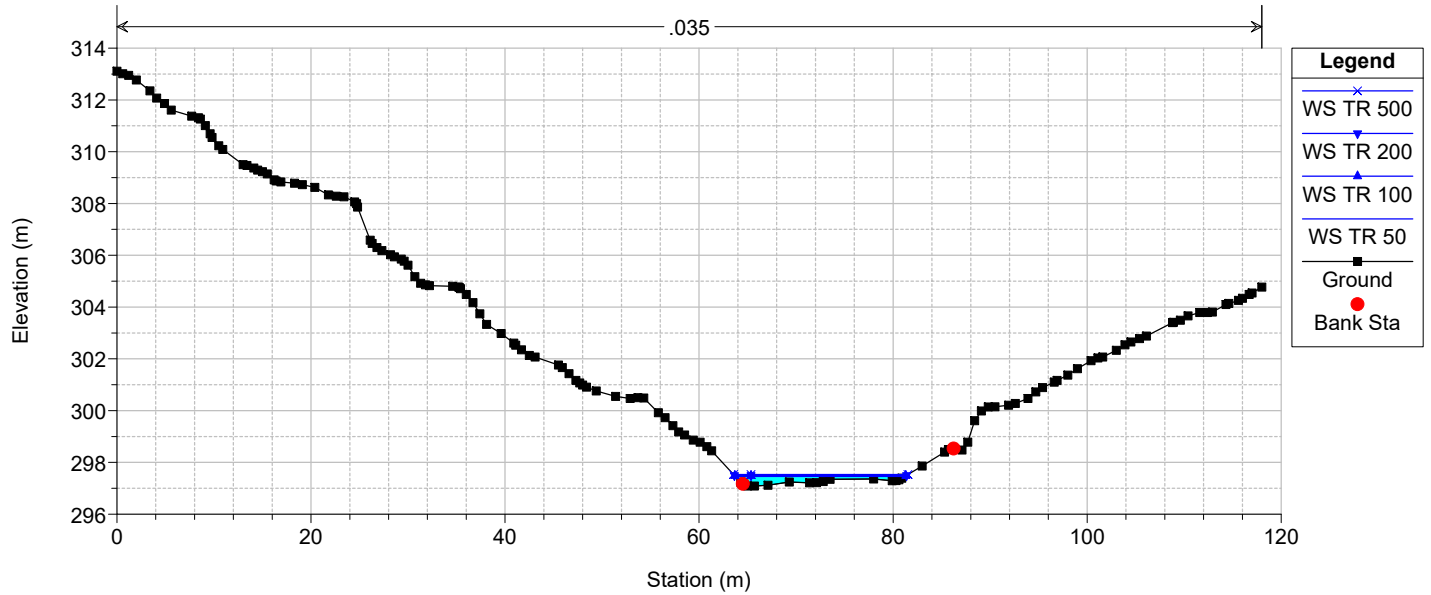
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26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

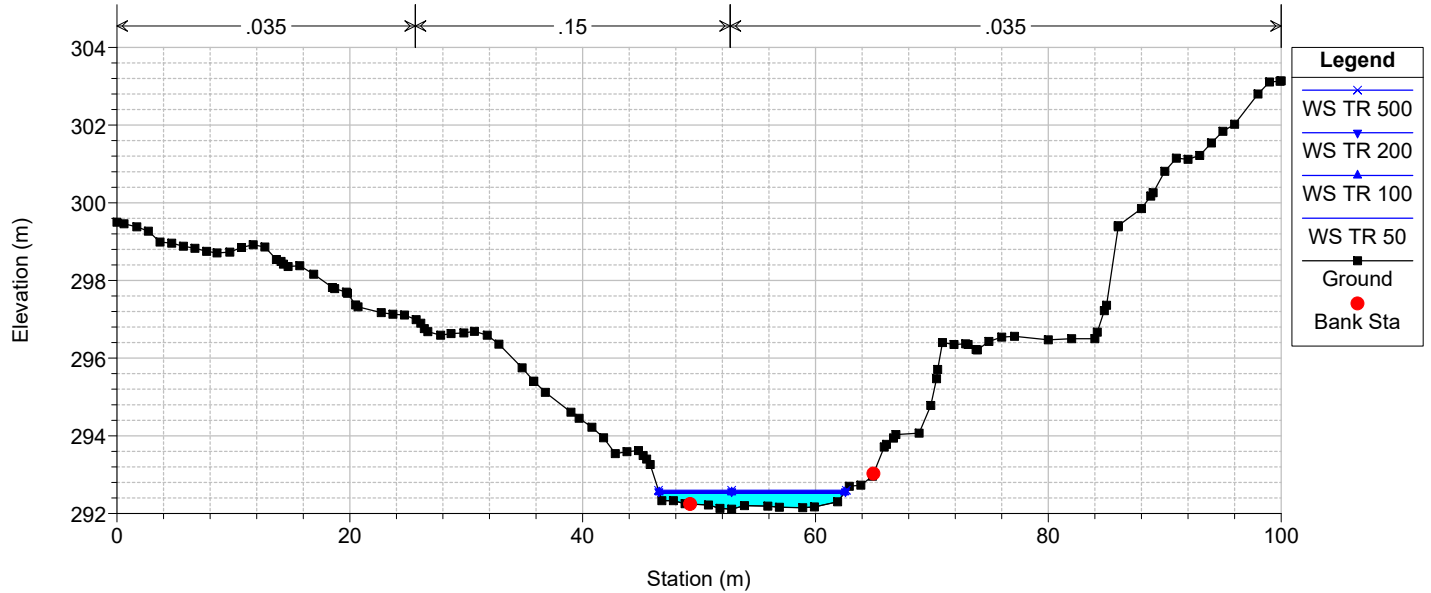
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26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

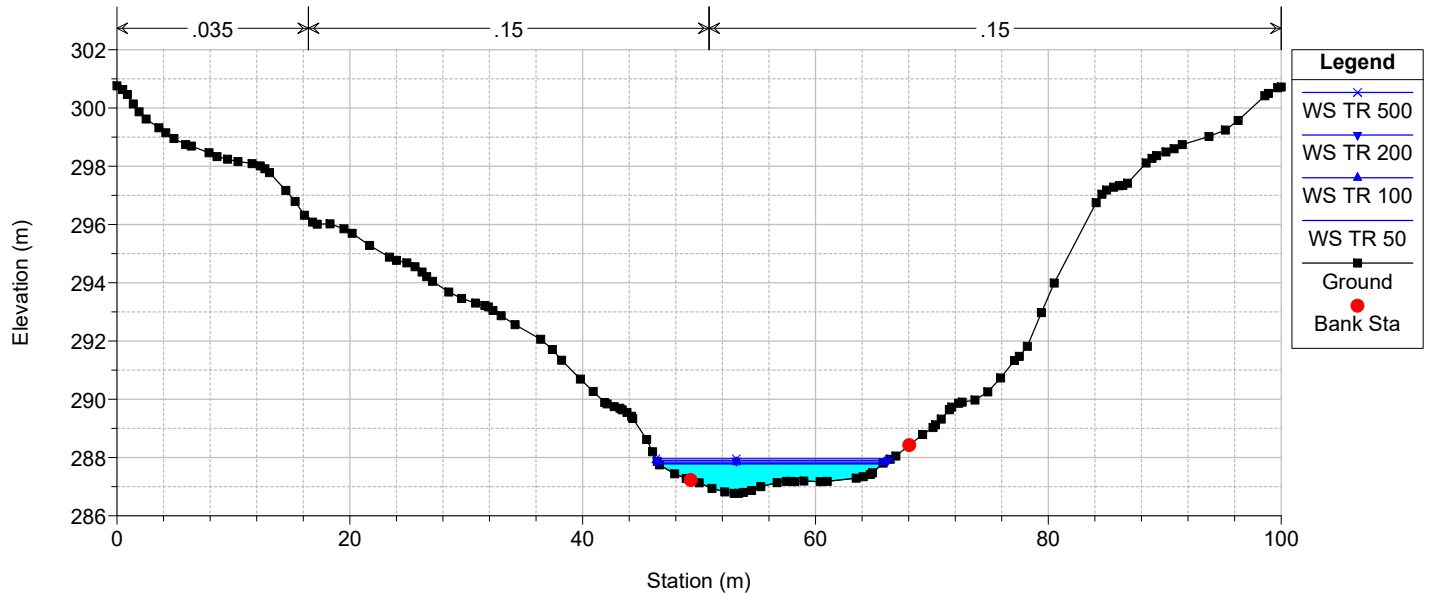
River = asta 4 Reach = 4-1a RS = 1697.886 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

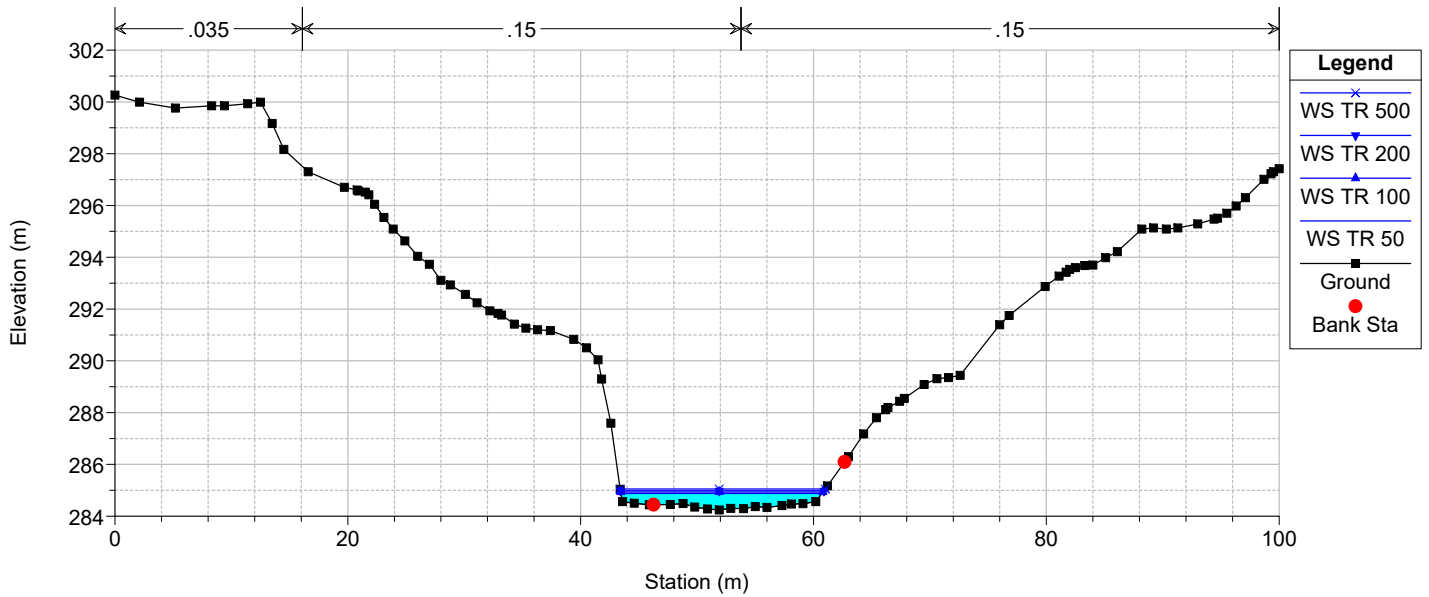
River = asta 4 Reach = 4-1a RS = 1647.886 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

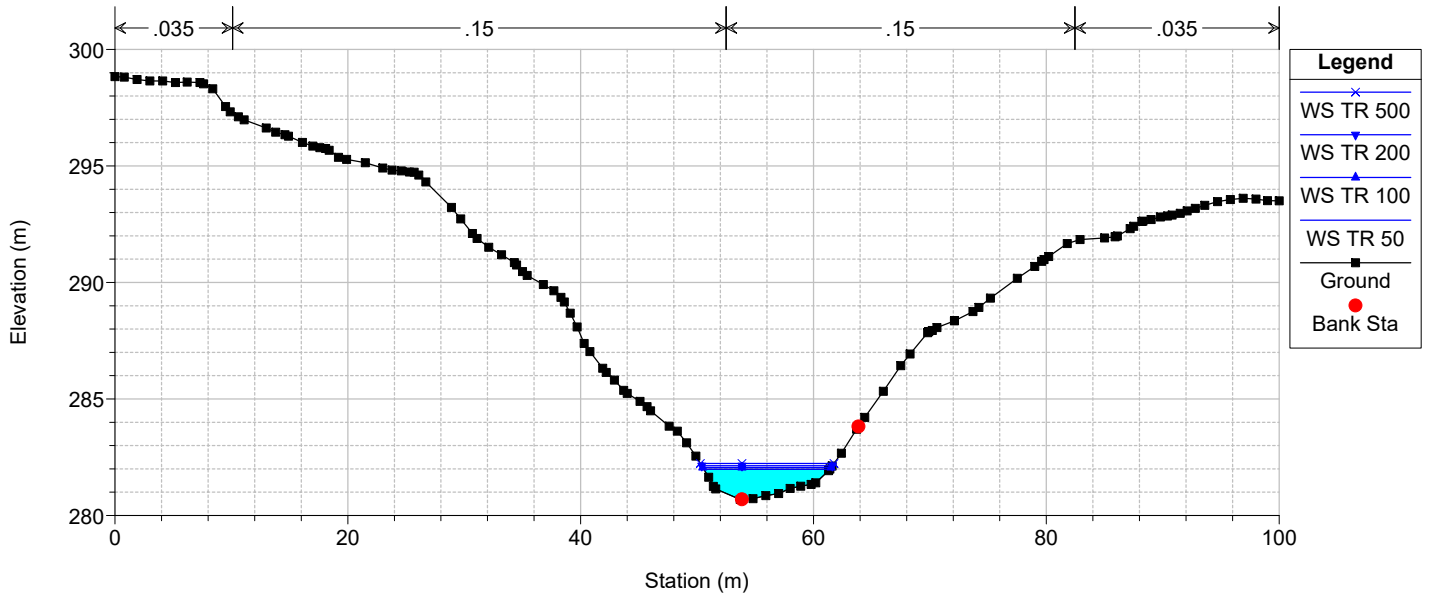
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26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

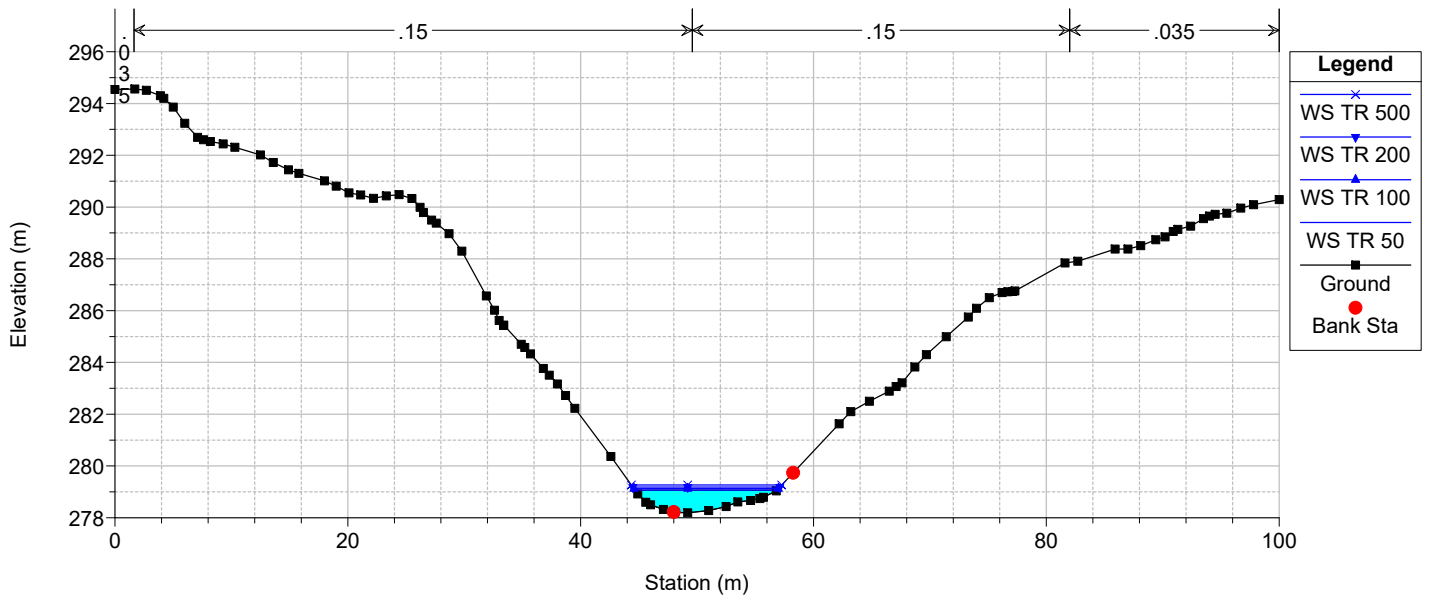
River = asta 4 Reach = 4-1a RS = 1547.886 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

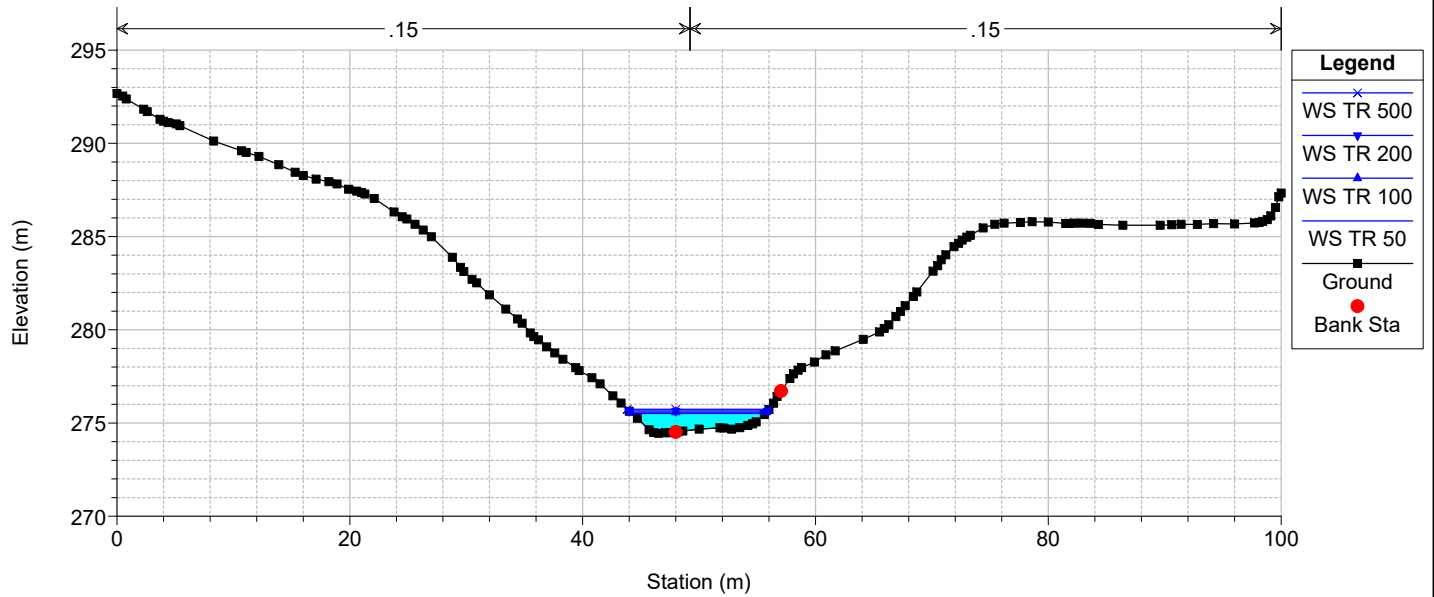
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26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

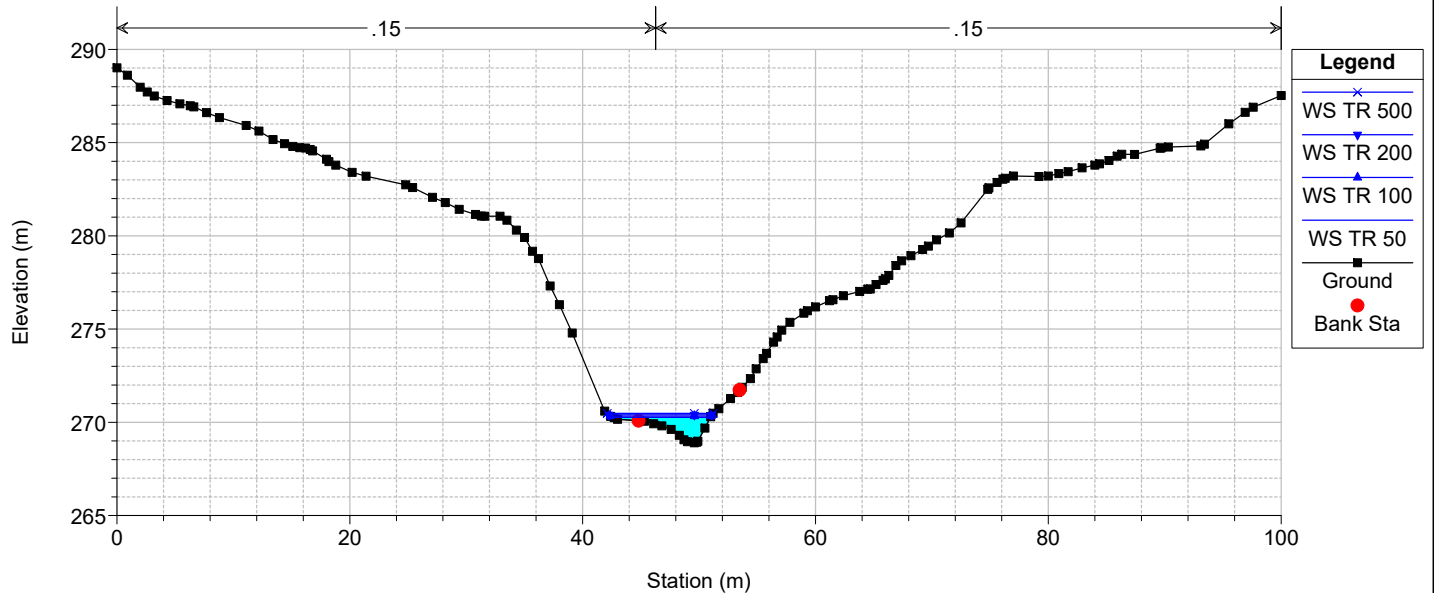
River = asta 4 Reach = 4-1a RS = 1447.886 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

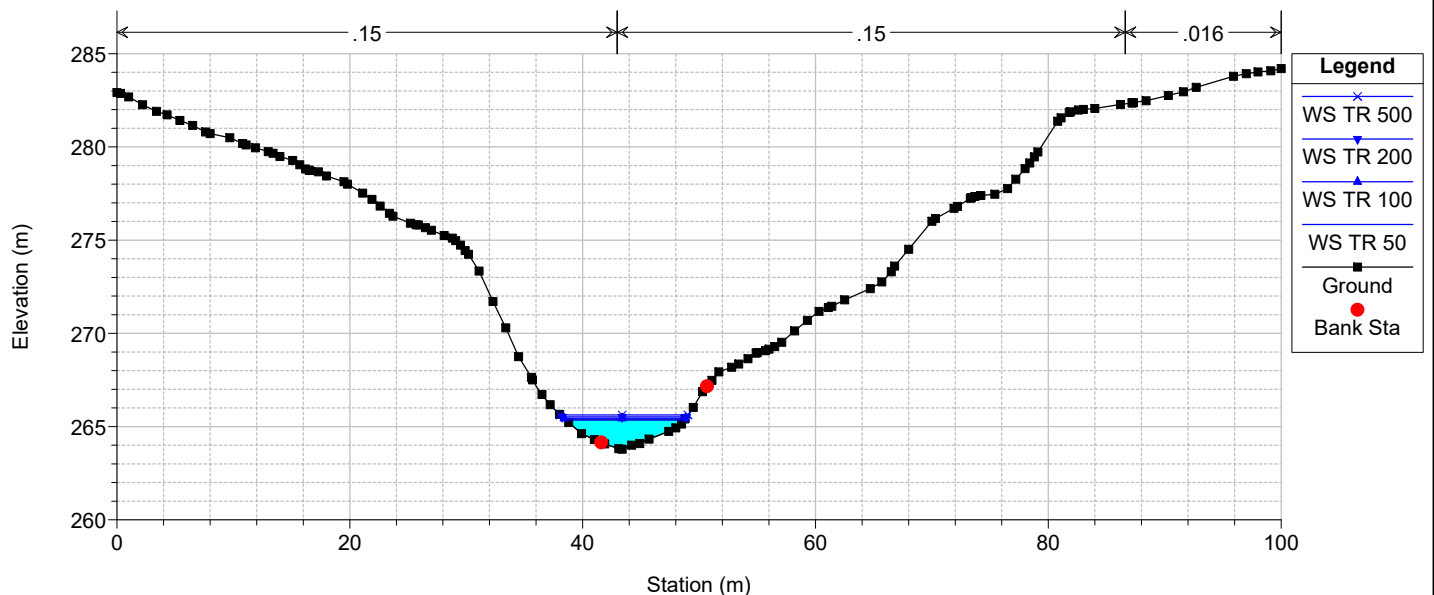
River = asta 4 Reach = 4-1a RS = 1397.886 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

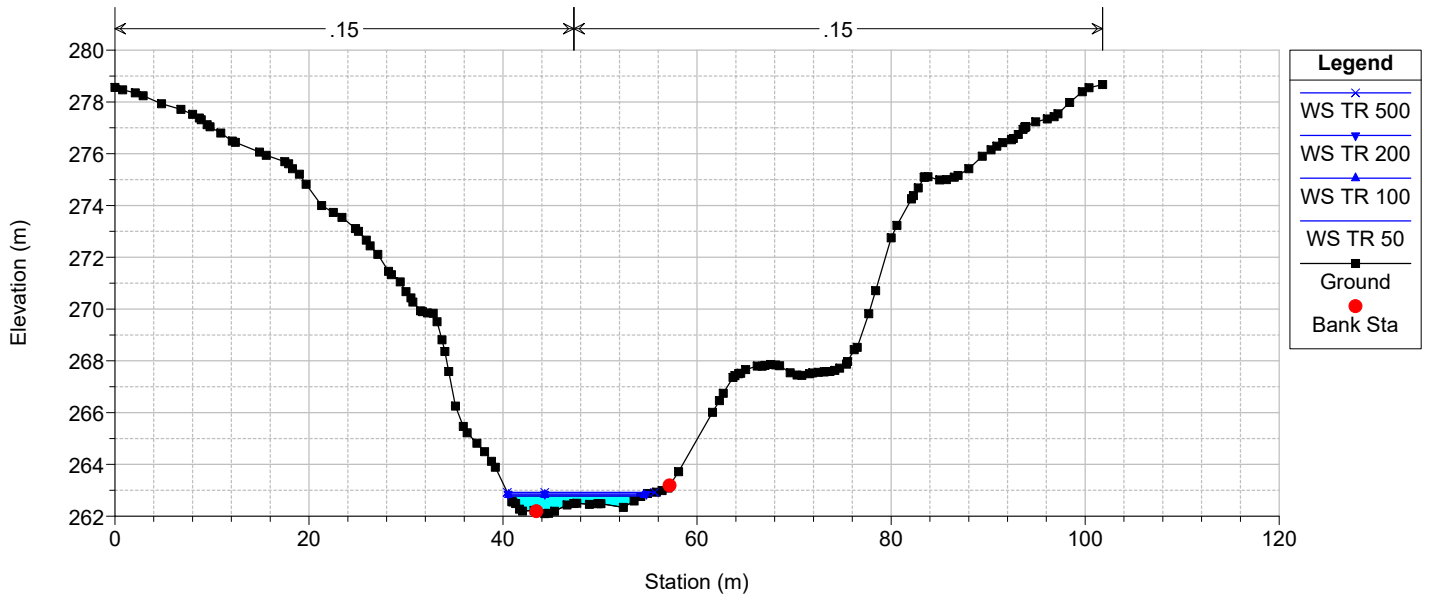
River = asta 4 Reach = 4-1a RS = 1347.886 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

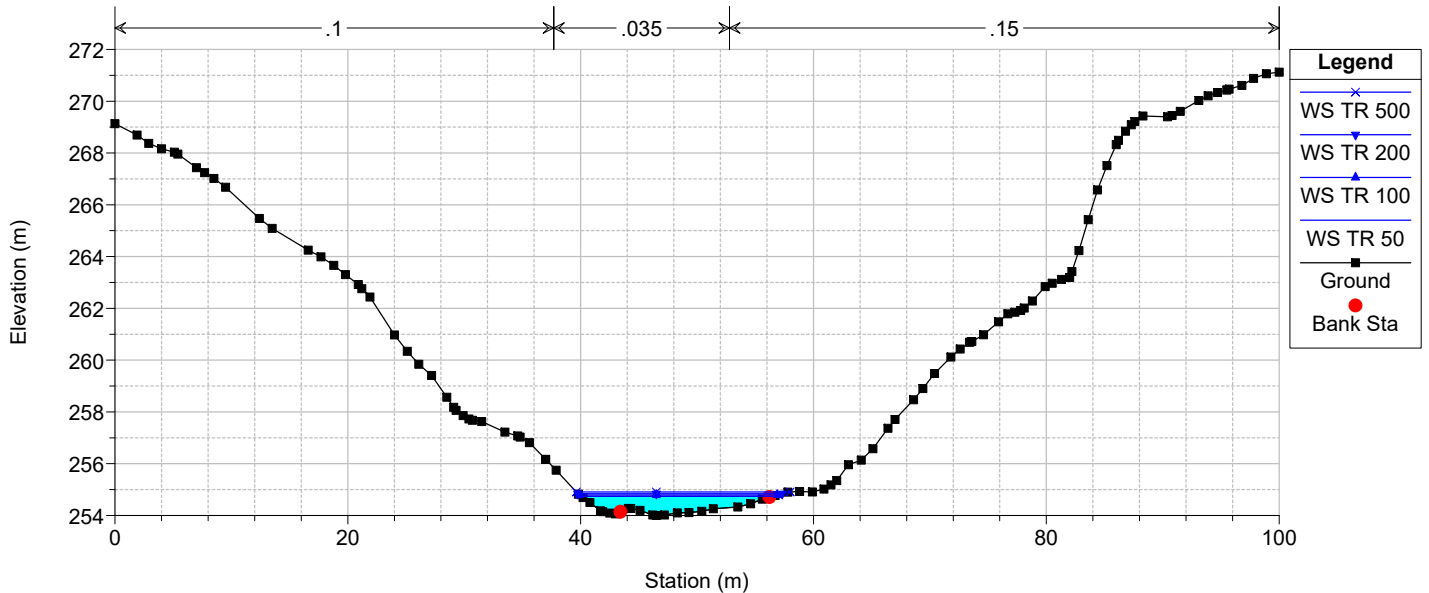
River = asta 4 Reach = 4-1a RS = 1313.847 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

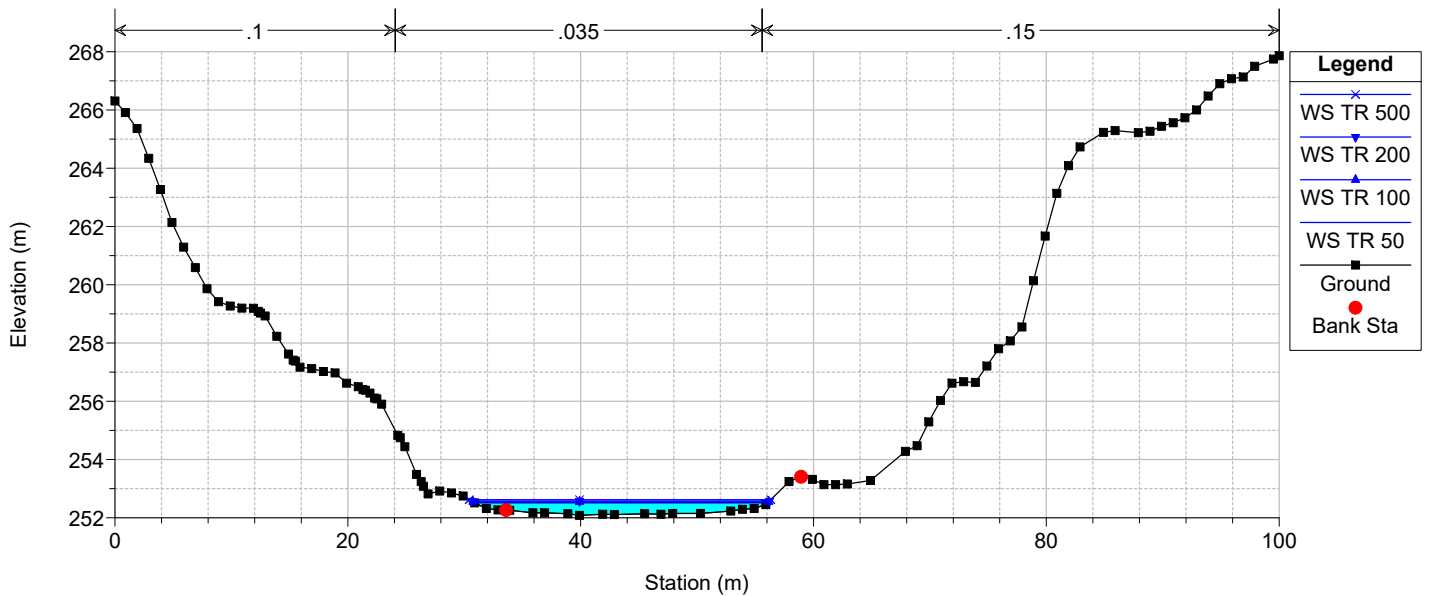
River = asta 4 Reach = 4secondo RS = 1197.886 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

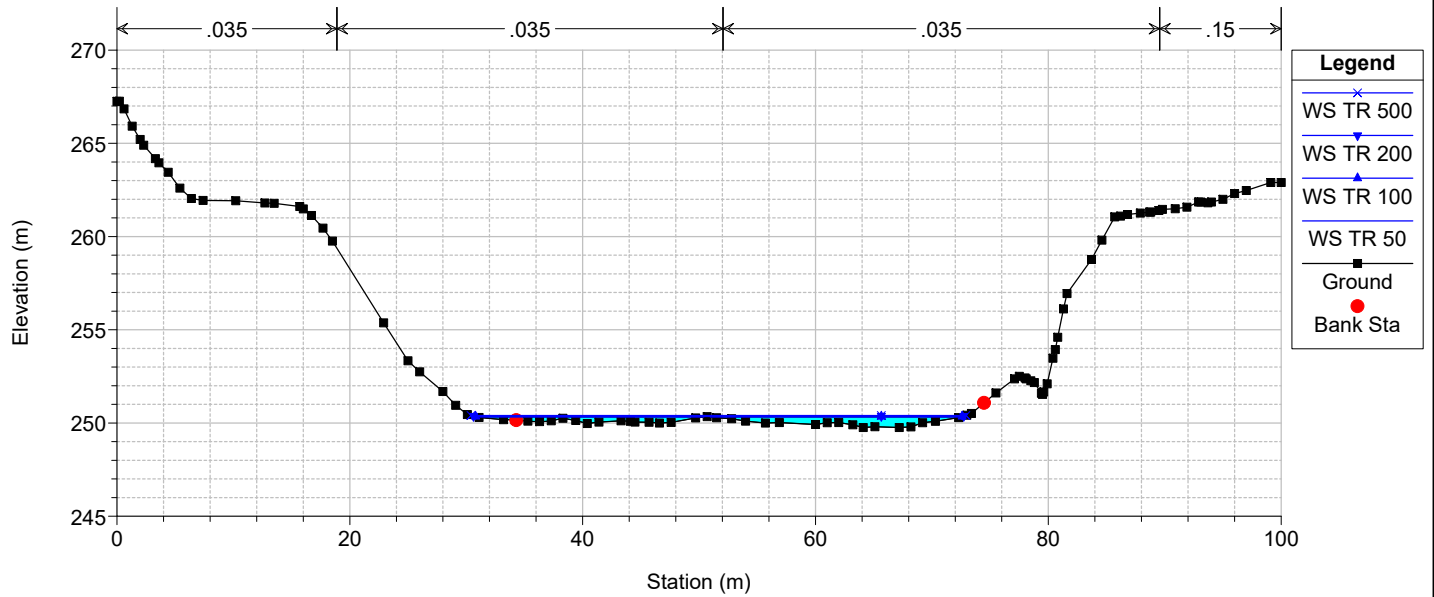
River = asta 4 Reach = 4secondo RS = 1147.886 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

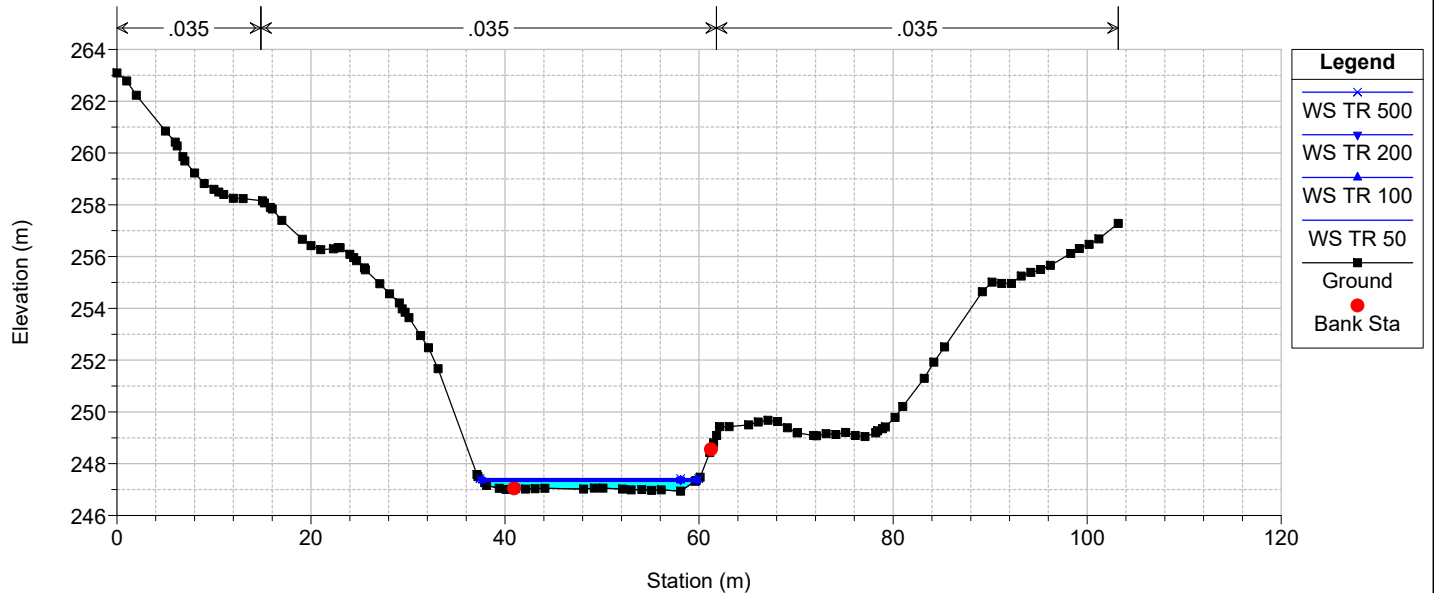
River = asta 4 Reach = 4secondo RS = 1097.886 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

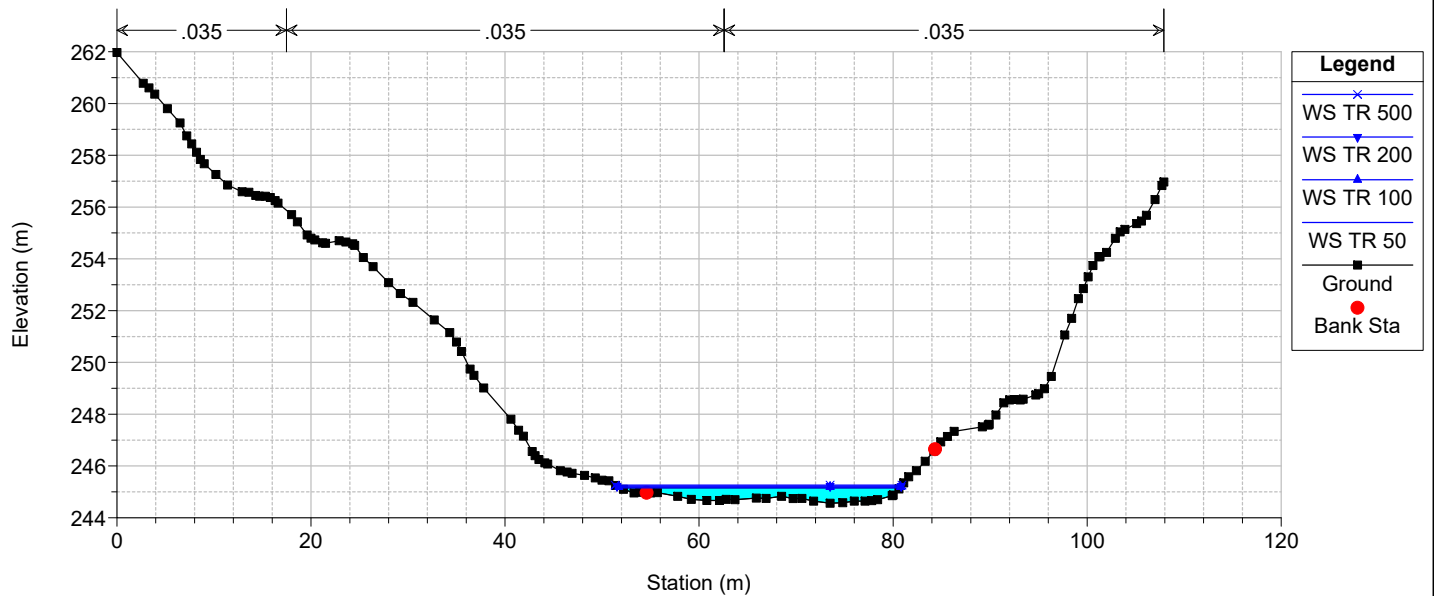
River = asta 4 Reach = 4secondo RS = 1056.772 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

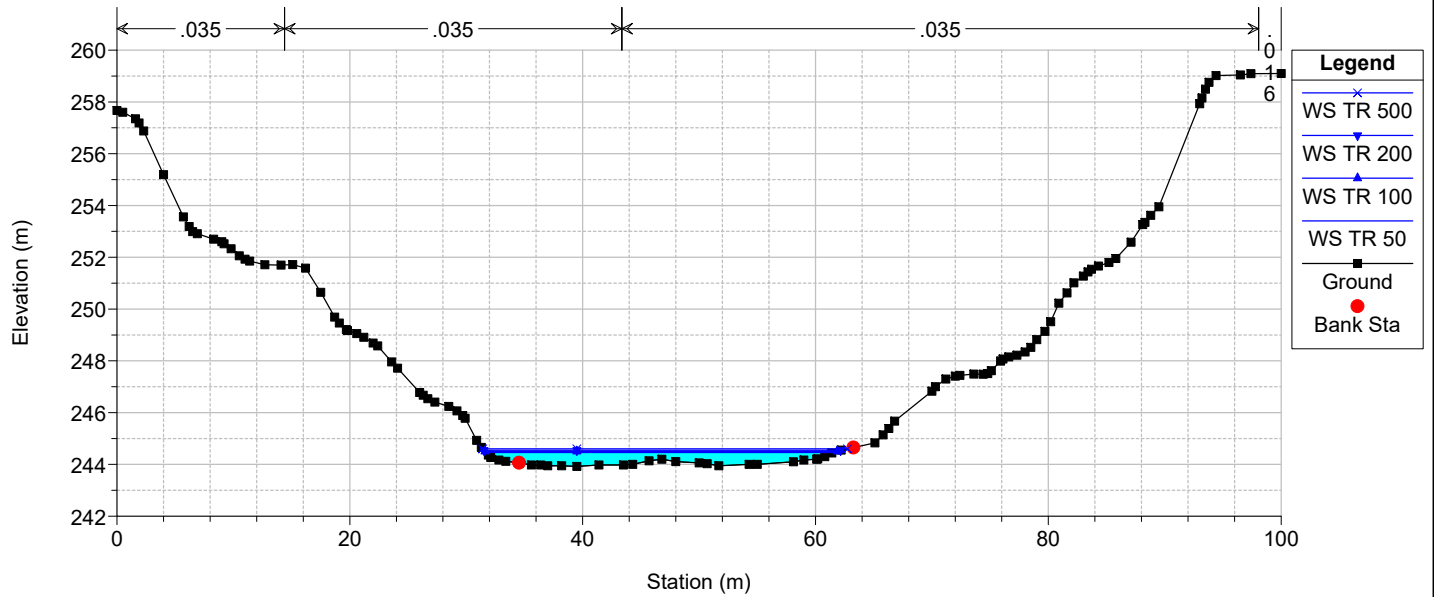
River = asta 4 Reach = 4secondo RS = 989.4221 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

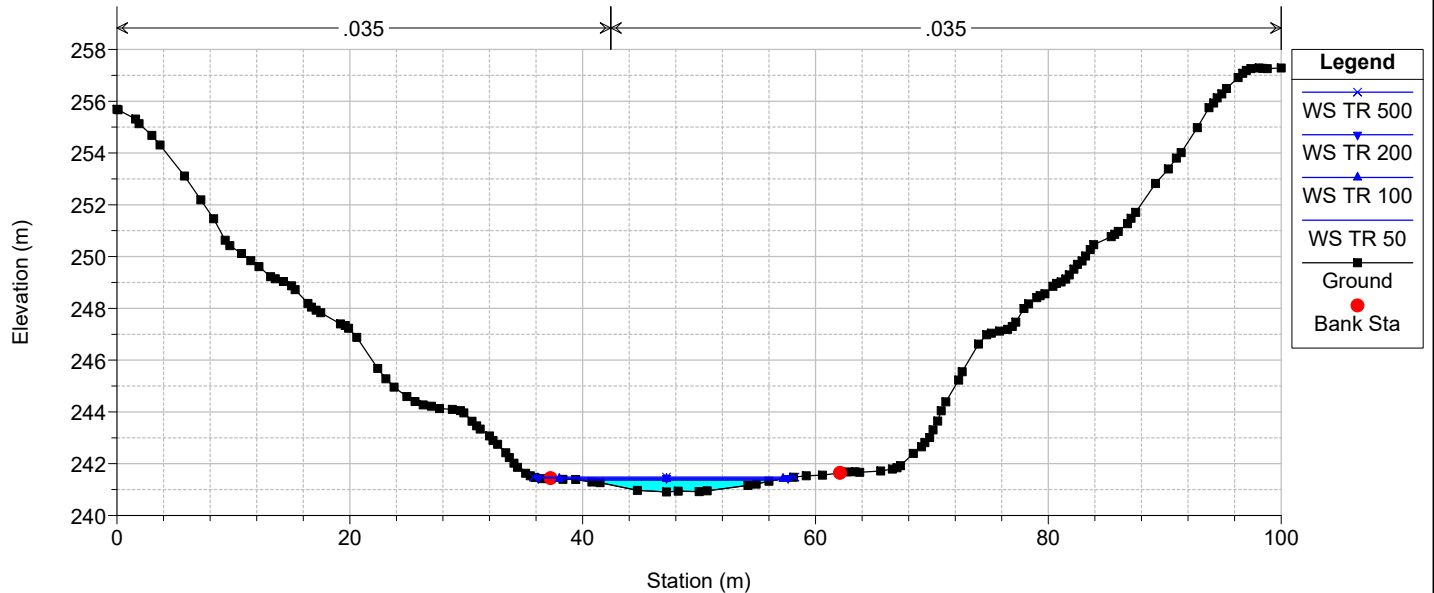
River = asta 4 Reach = 4secondo RS = 947.8865 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

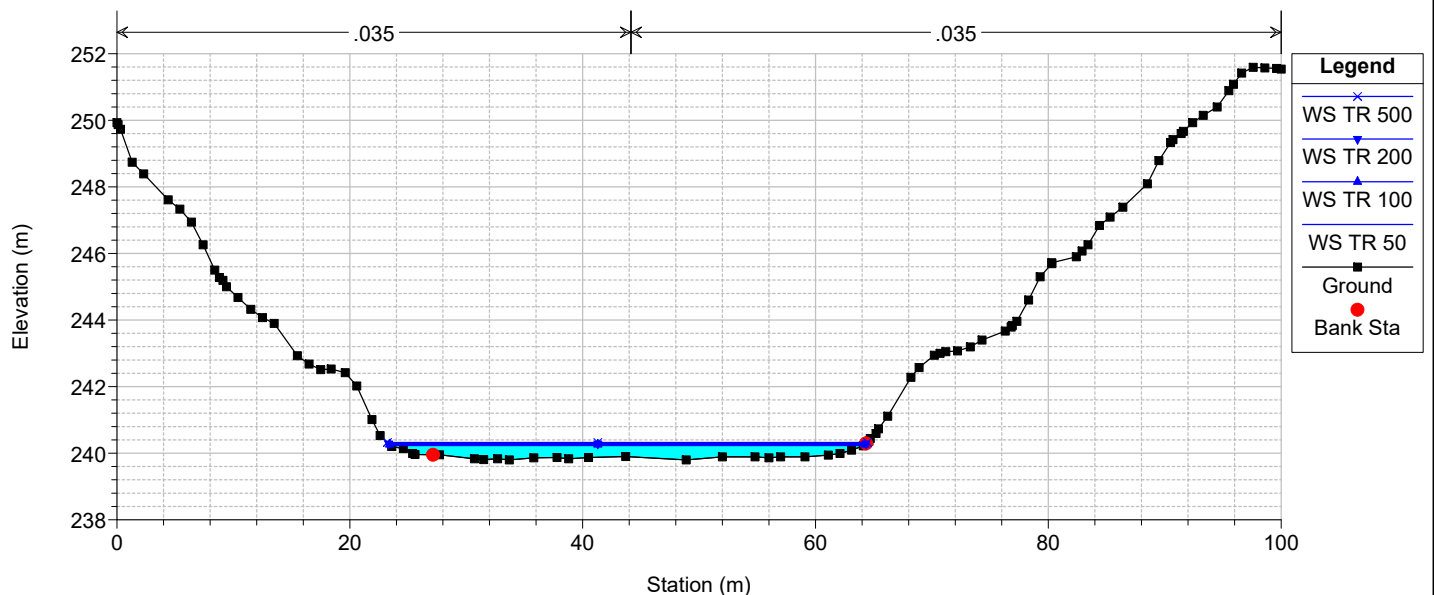
River = asta 4 Reach = 4secondo RS = 897.8865 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

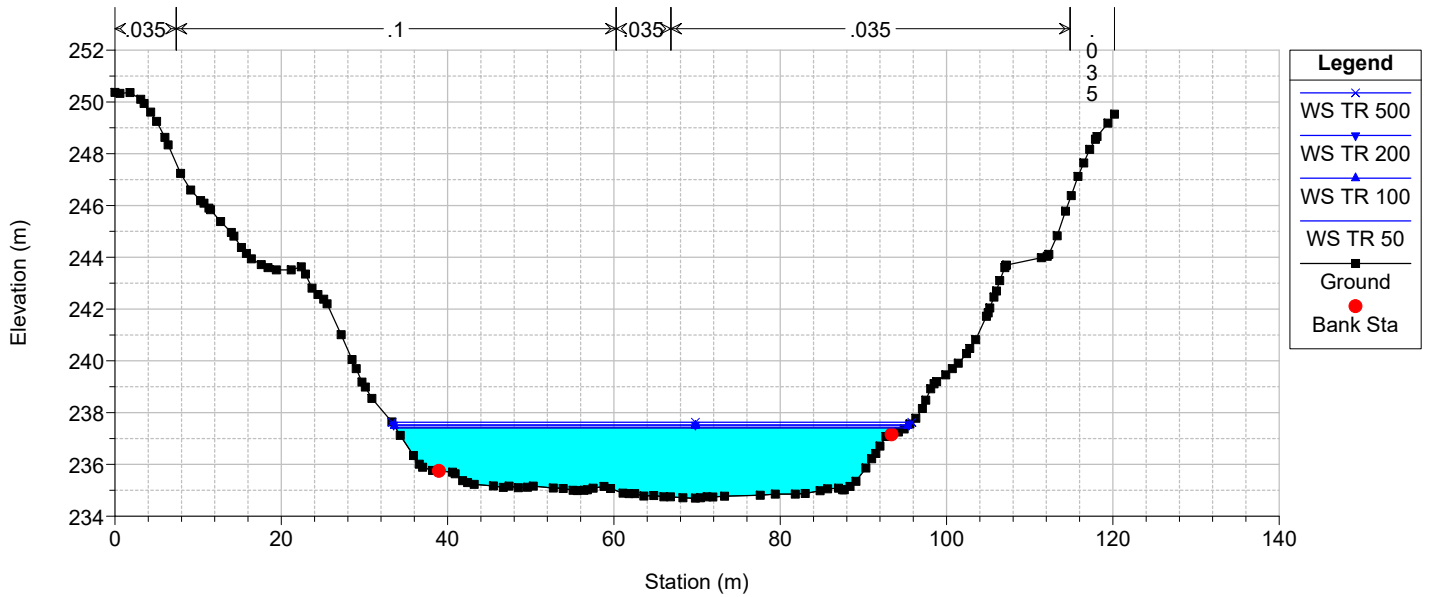
River = asta 4 Reach = 4secondo RS = 847.8865 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

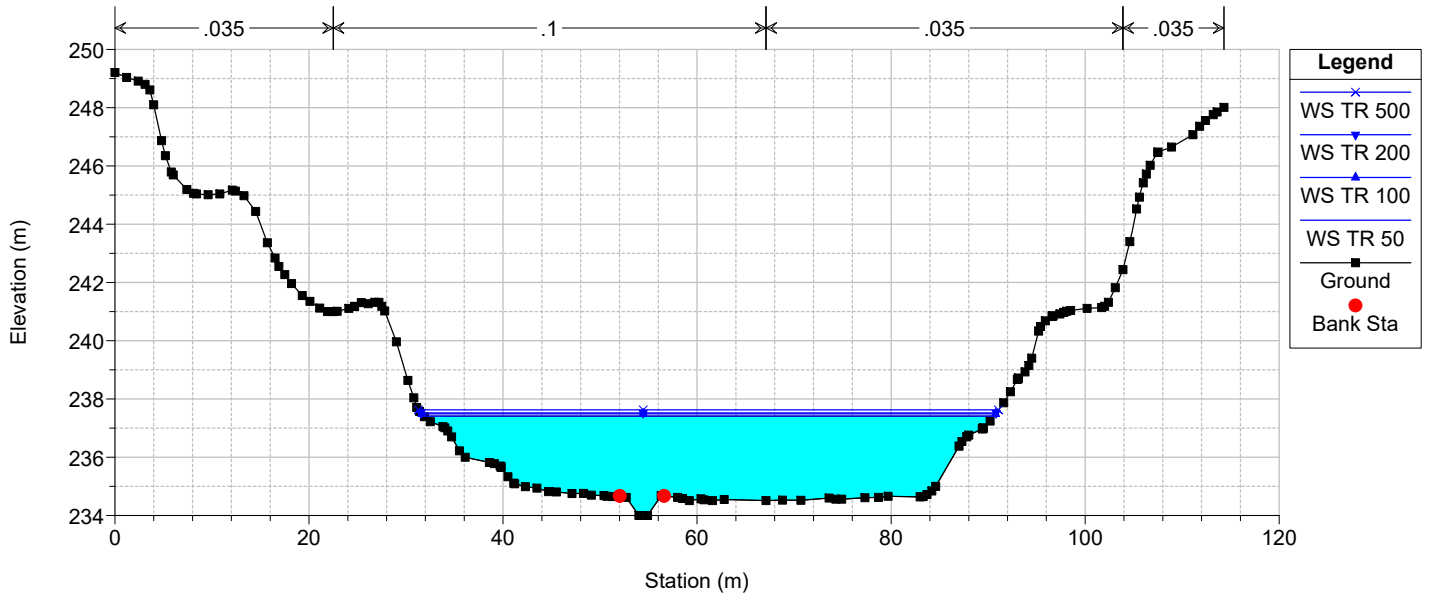
River = asta 4 Reach = 4terzo RS = 727.6805 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

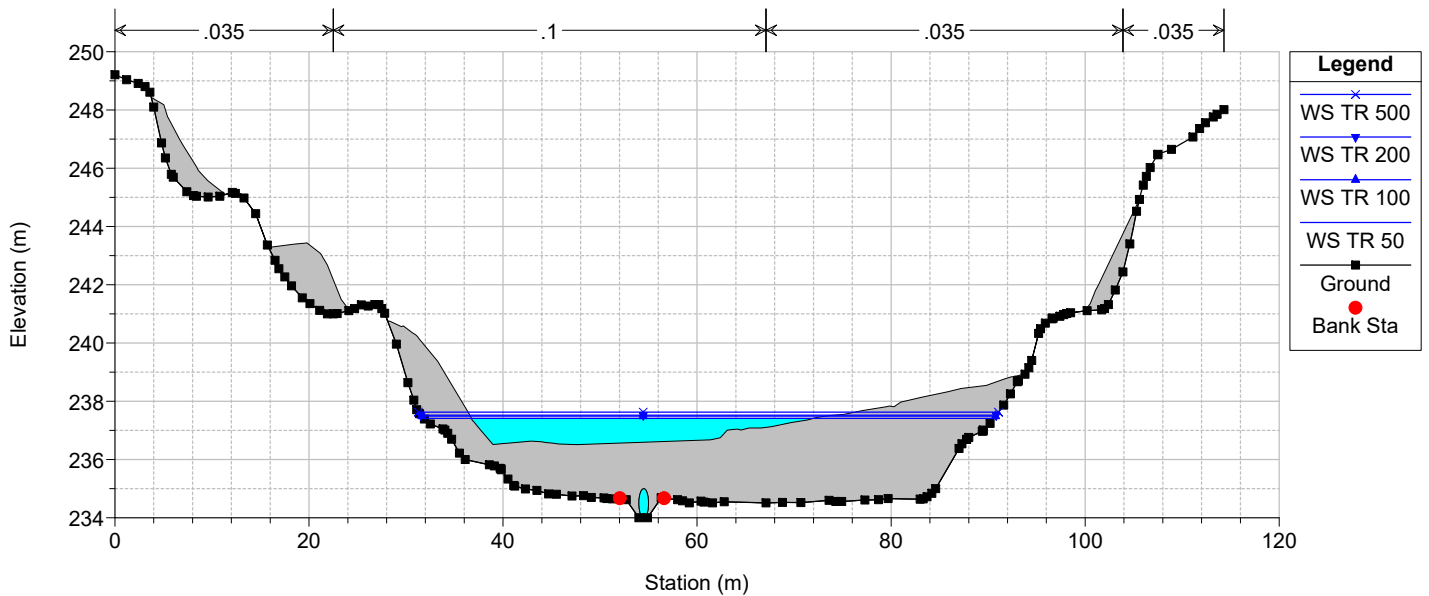
River = asta 4 Reach = 4terzo RS = 705.0195 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

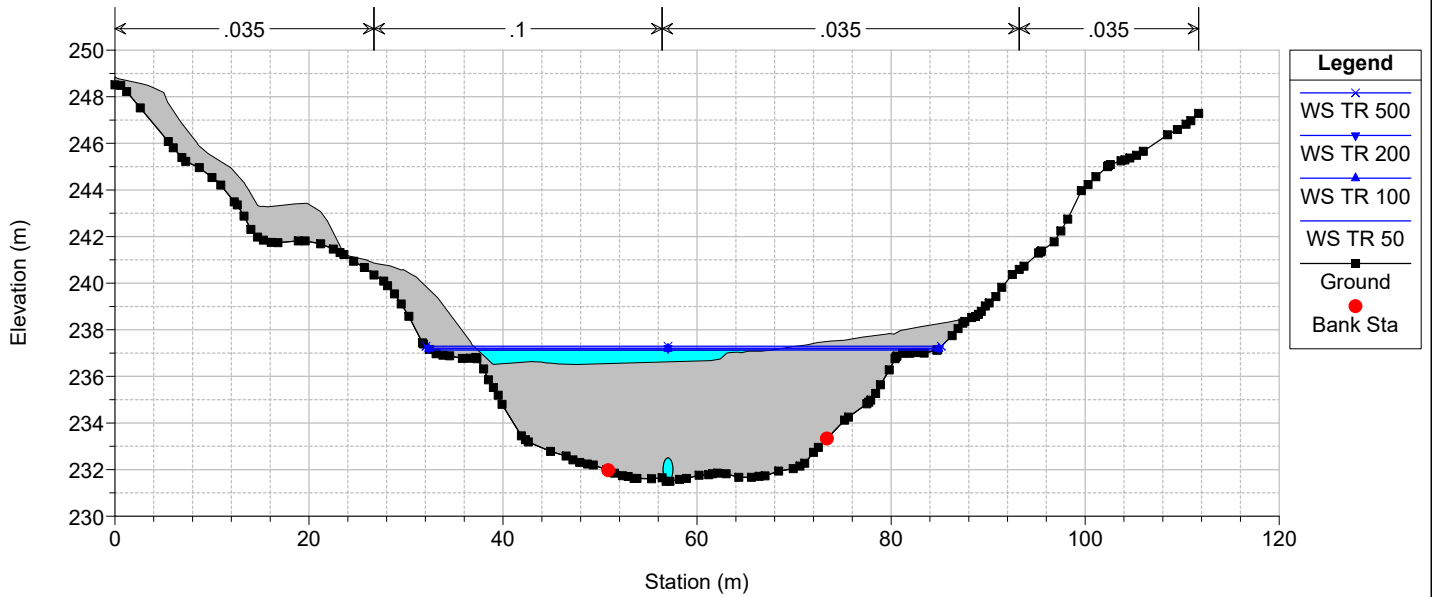
River = asta 4 Reach = 4terzo RS = 694.9890 Culv COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

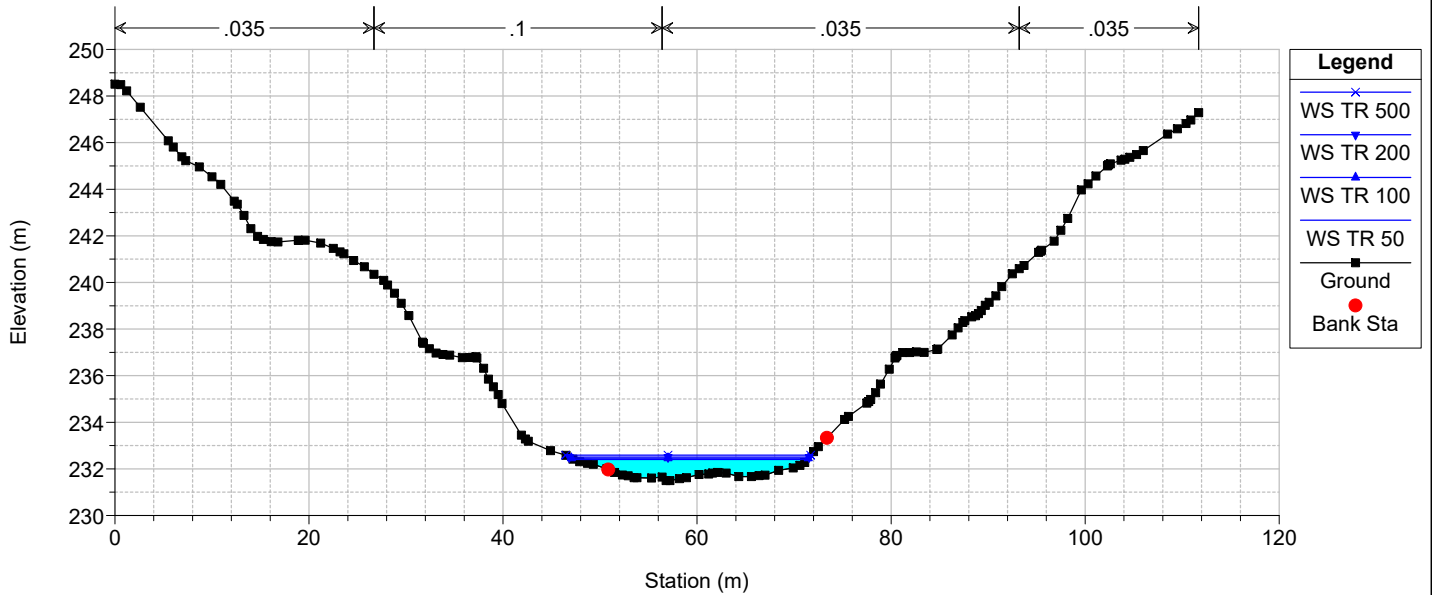
River = asta 4 Reach = 4terzo RS = 694.9890 Culv COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

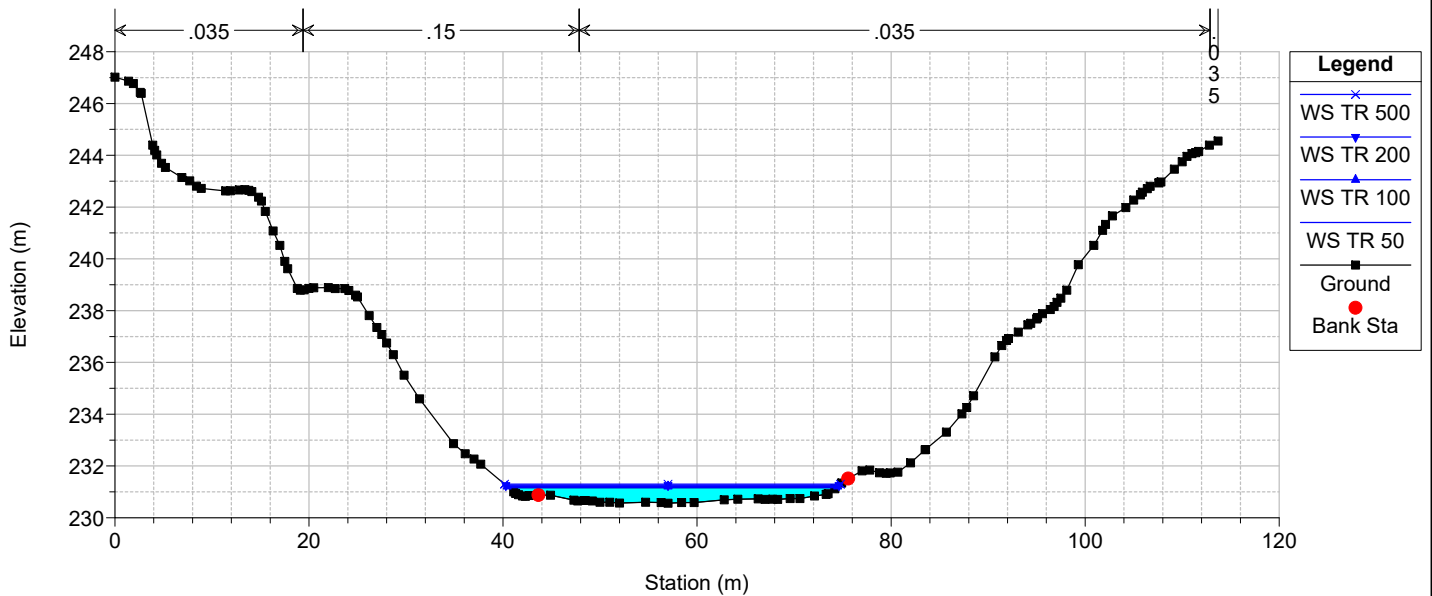
River = asta 4 Reach = 4terzo RS = 681.9381 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

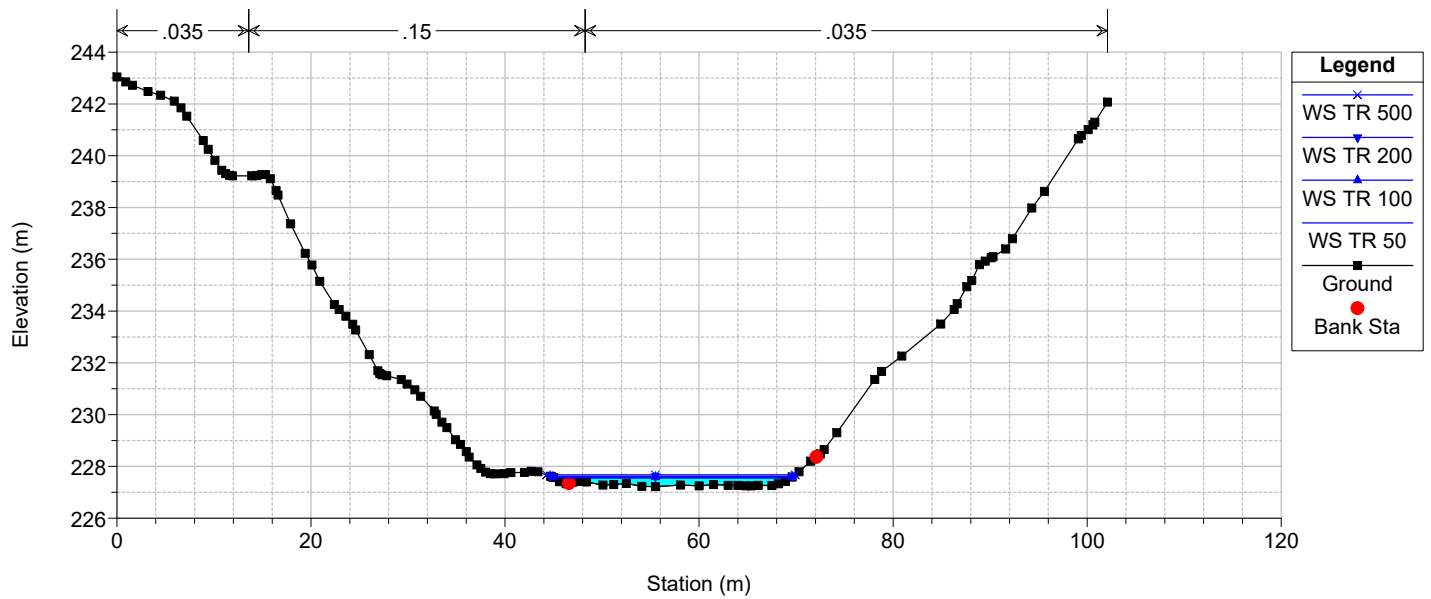
River = asta 4 Reach = 4terzo RS = 613.7487 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

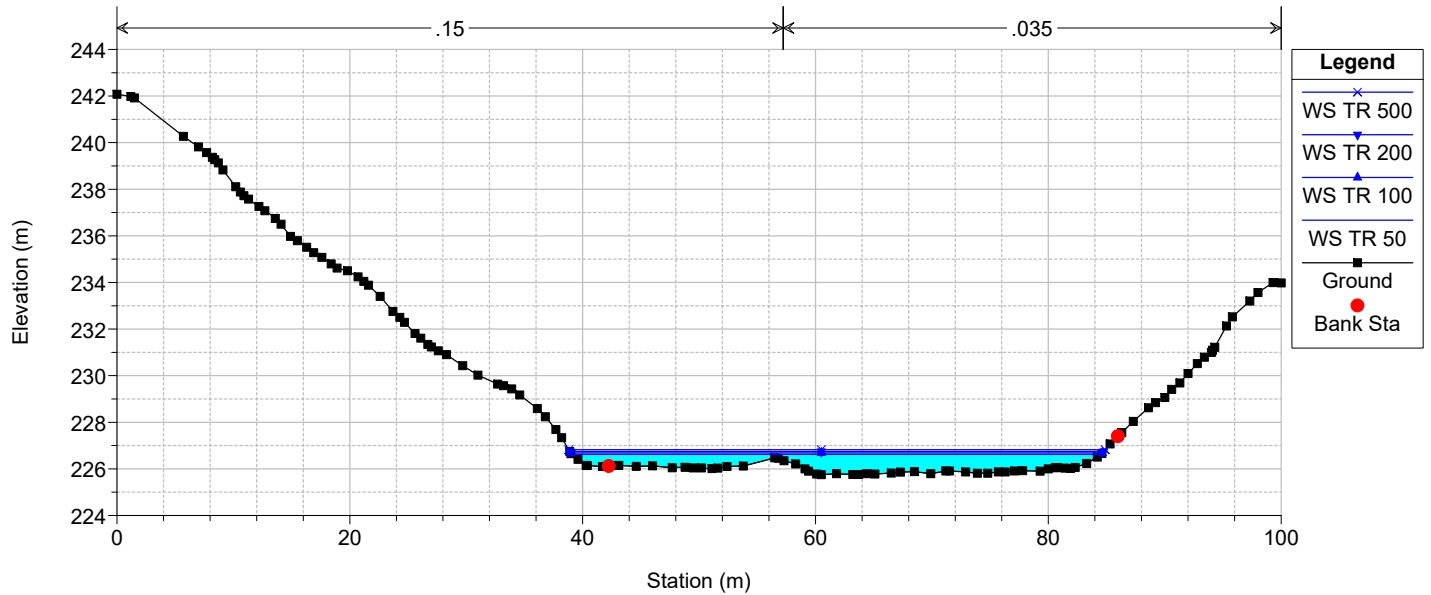
River = asta 4 Reach = 4terzo RS = 558.6832 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

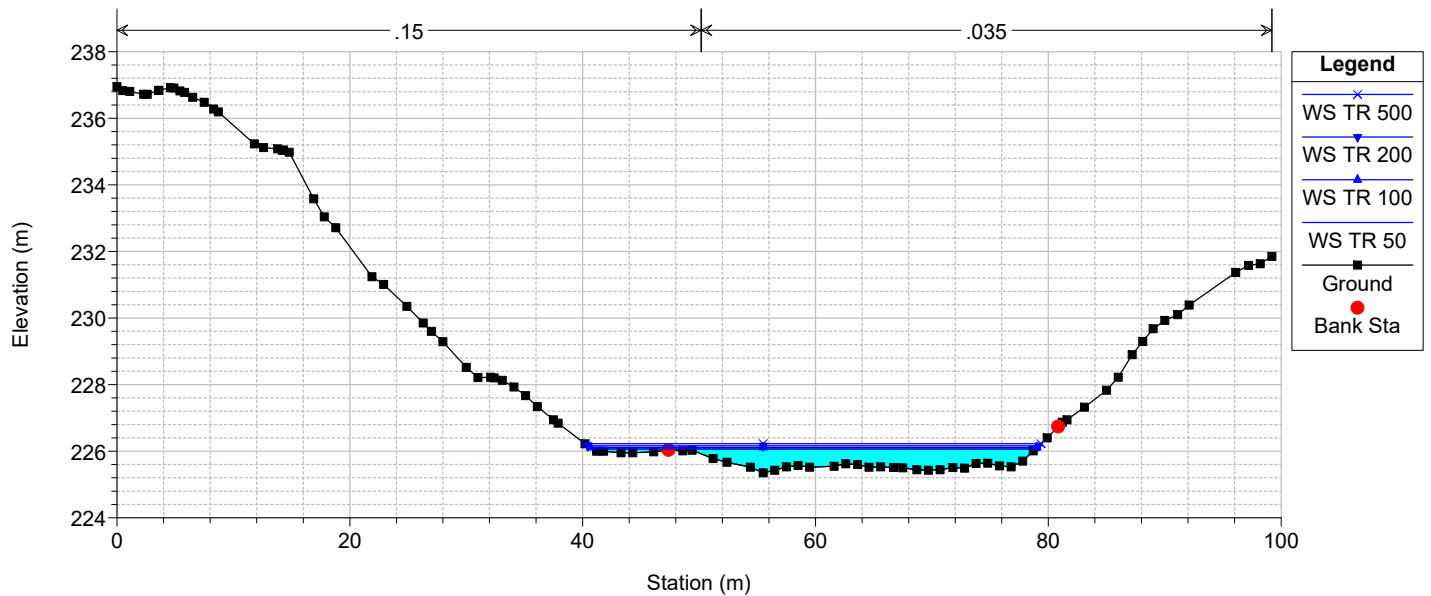
River = asta 4 Reach = 4terzo RS = 489.9484 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

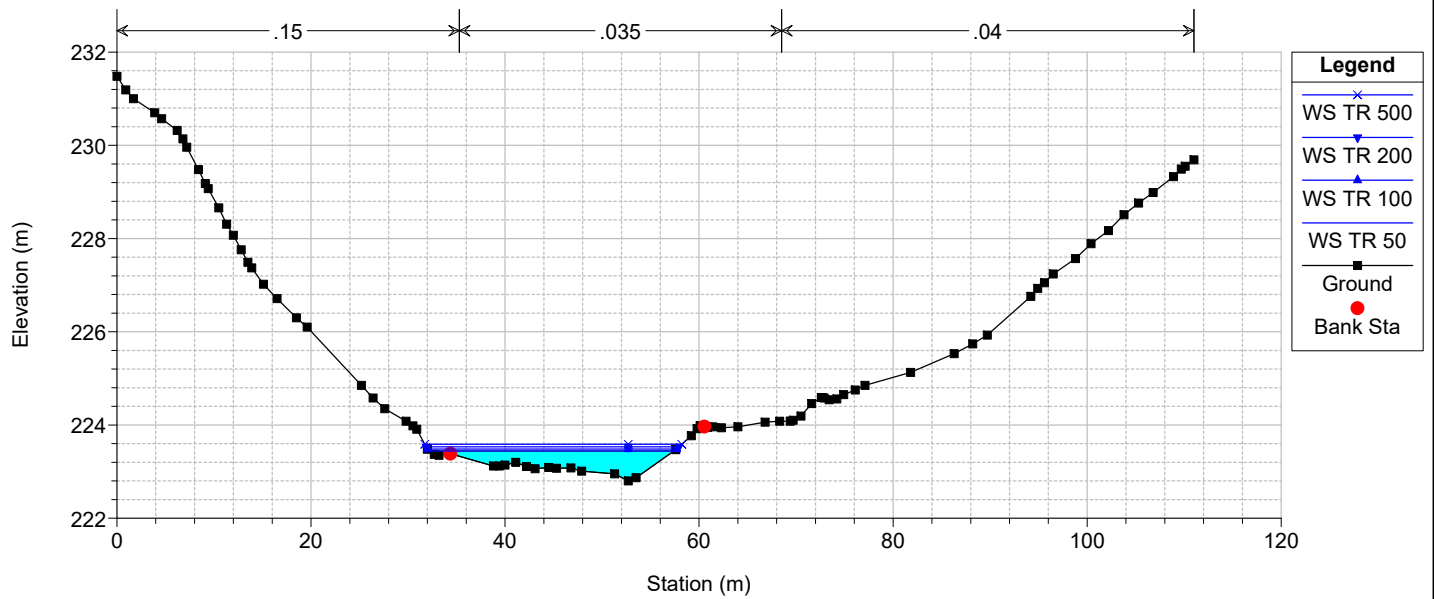
River = asta 4 Reach = 4terzo RS = 439.4584 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

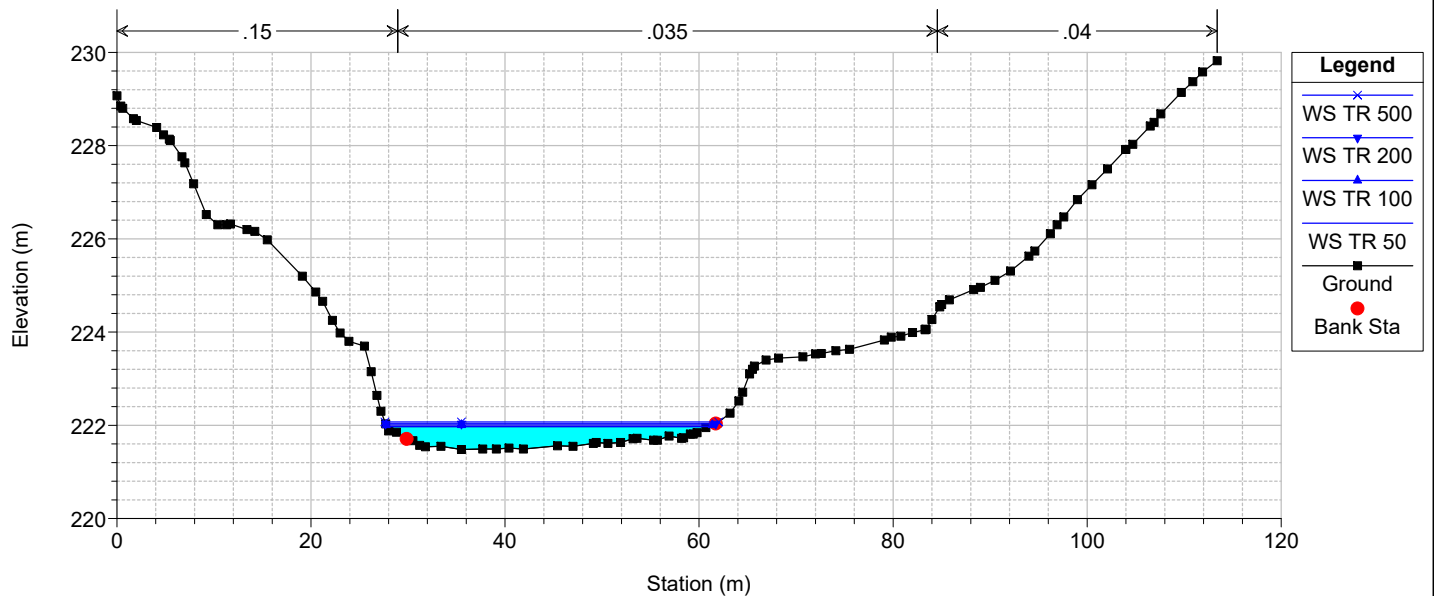
River = asta 4 Reach = 4quarto RS = 333.7669 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

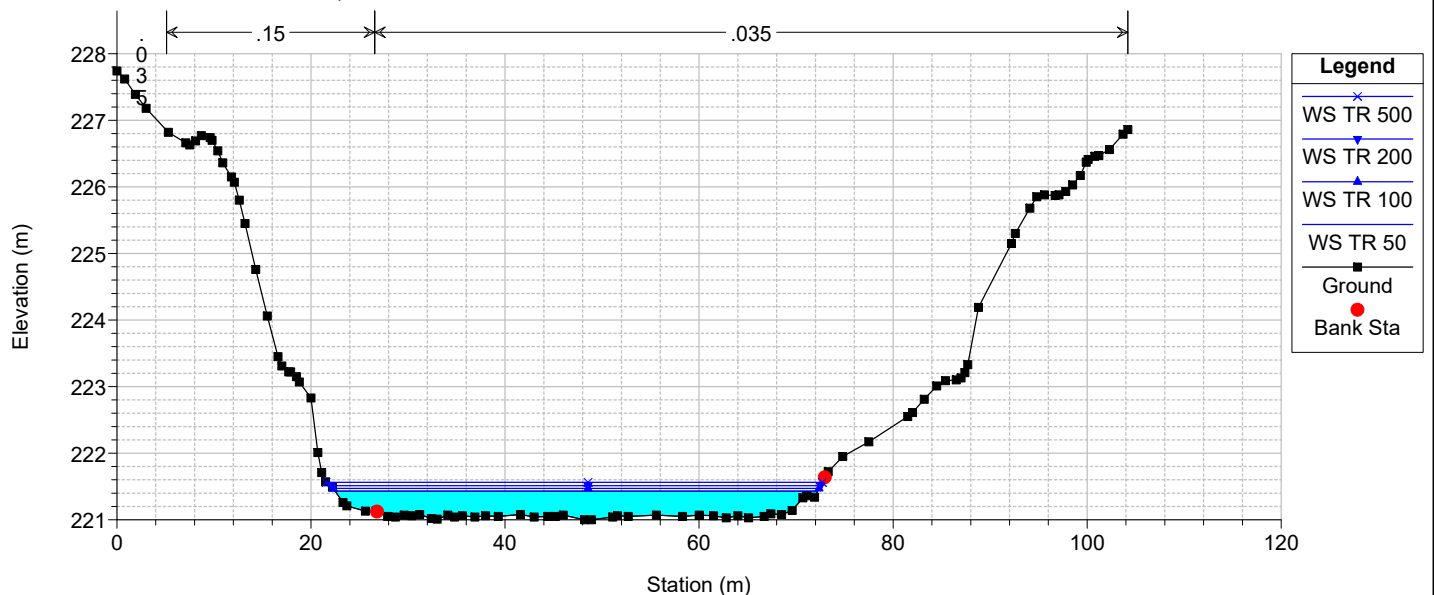
River = asta 4 Reach = 4quarto RS = 298.3585 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

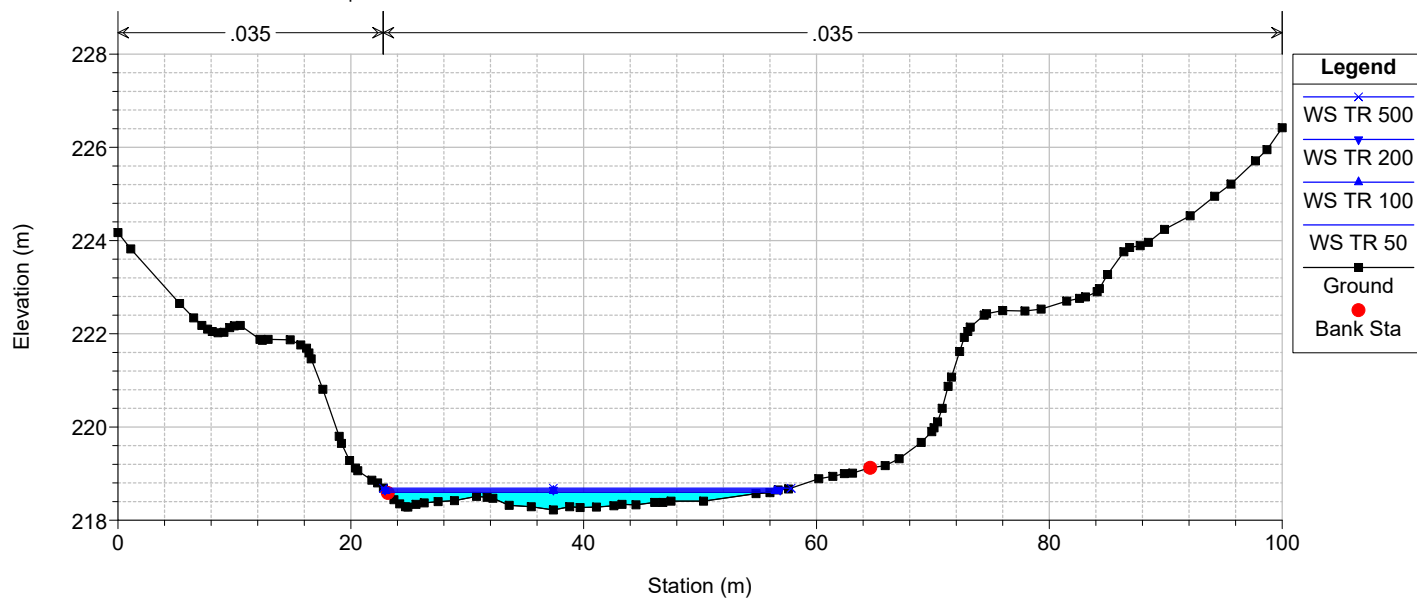
River = asta 4 Reach = 4quarto RS = 247.9837 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

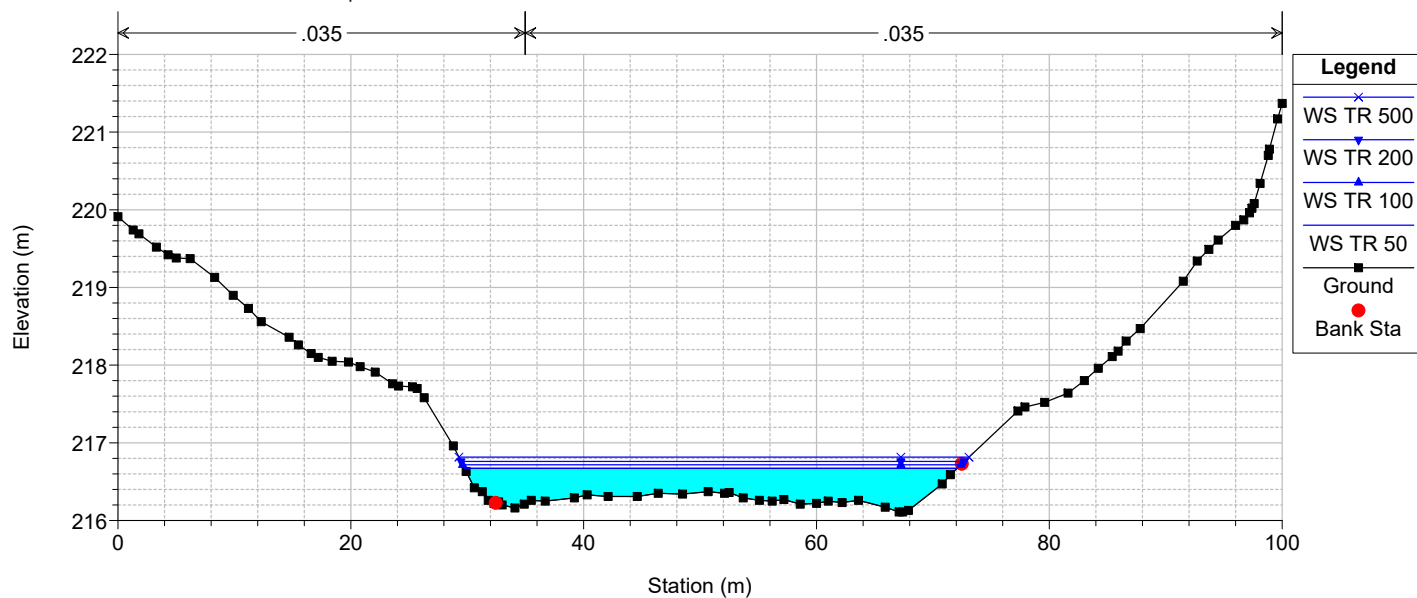
River = asta 4 Reach = 4quarto RS = 200 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

River = asta 4 Reach = 4quarto RS = 100 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



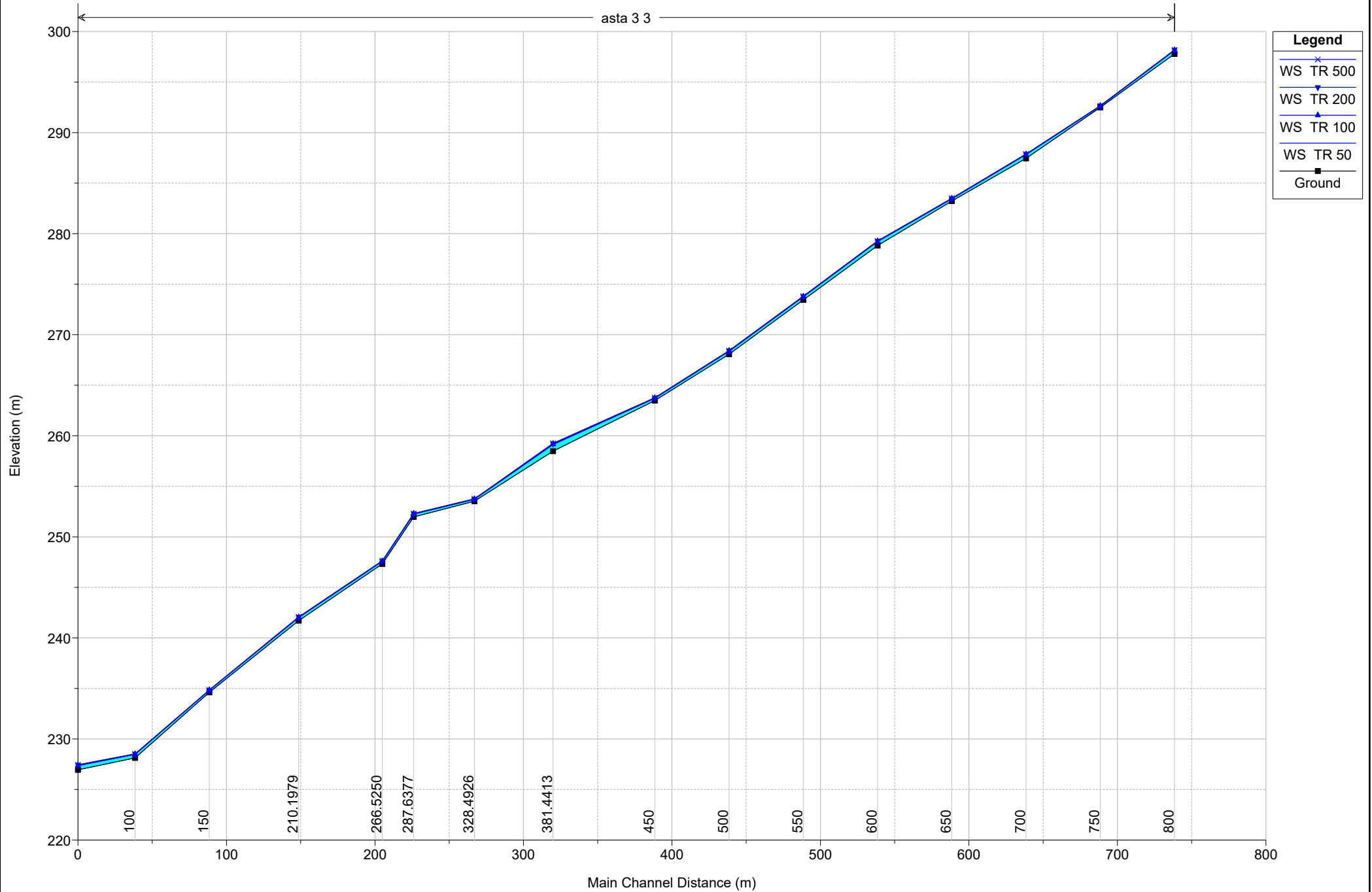
Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
4-1a	2347.886	TR 50	10.76	346.97	347.58	347.58	347.73	0.018335	1.78	6.22	20.48	1.00
4-1a	2347.886	TR 100	12.37	346.97	347.60	347.60	347.78	0.018594	1.86	6.75	20.59	1.01
4-1a	2347.886	TR 200	14.02	346.97	347.63	347.63	347.82	0.018322	1.92	7.33	20.71	1.01
4-1a	2347.886	TR 500	16.36	346.97	347.68	347.68	347.88	0.016648	1.93	8.32	22.21	0.98
4-1a	2297.886	TR 50	10.76	340.78	340.96	341.22	344.36	1.917847	8.24	1.34	15.76	8.53
4-1a	2297.886	TR 100	12.37	340.78	340.97	341.25	344.40	1.690628	8.30	1.54	16.11	8.15
4-1a	2297.886	TR 200	14.02	340.78	340.98	341.28	344.51	1.543565	8.43	1.72	16.37	7.91
4-1a	2297.886	TR 500	16.36	340.78	341.00	341.32	344.80	1.467922	8.78	1.93	16.59	7.84
4-1a	2247.886	TR 50	10.76	334.72	335.07	335.28	336.08	0.051189	4.49	2.45	16.35	3.38
4-1a	2247.886	TR 100	12.37	334.72	335.08	335.30	336.18	0.051948	4.68	2.73	17.54	3.44
4-1a	2247.886	TR 200	14.02	334.72	335.10	335.33	336.30	0.052704	4.92	2.97	18.37	3.50
4-1a	2247.886	TR 500	16.36	334.72	335.11	335.35	336.47	0.053923	5.24	3.28	19.28	3.59
4-1a	2197.886	TR 50	10.76	328.48	328.81	329.31	332.18	0.113451	8.13	1.32	5.43	5.27
4-1a	2197.886	TR 100	12.37	328.48	328.84	329.39	332.35	0.105908	8.28	1.49	5.63	5.16
4-1a	2197.886	TR 200	14.02	328.48	328.87	329.46	332.53	0.099459	8.49	1.65	5.77	5.06
4-1a	2197.886	TR 500	16.36	328.48	328.91	329.55	332.76	0.092296	8.75	1.88	5.96	4.96
4-1a	2147.886	TR 50	10.76	326.10	326.51	326.63	326.93	0.070026	3.01	3.76	17.74	1.91
4-1a	2147.886	TR 100	12.37	326.10	326.52	326.65	327.00	0.076138	3.20	4.06	21.44	2.00
4-1a	2147.886	TR 200	14.02	326.10	326.53	326.68	327.08	0.083068	3.39	4.36	26.29	2.09
4-1a	2147.886	TR 500	16.36	326.10	326.55	326.70	327.18	0.093130	3.64	4.78	33.29	2.22
4-1a	2097.886	TR 50	10.76	322.91	323.18	323.27	323.48	0.063112	2.46	4.51	26.83	1.81
4-1a	2097.886	TR 100	12.37	322.91	323.20	323.30	323.52	0.059235	2.54	5.03	27.04	1.78
4-1a	2097.886	TR 200	14.02	322.91	323.22	323.32	323.56	0.055767	2.62	5.55	27.26	1.75
4-1a	2097.886	TR 500	16.36	322.91	323.25	323.35	323.61	0.051904	2.71	6.27	27.52	1.72
4-1a	2047.886	TR 50	10.76	318.41	318.74	318.88	319.25	0.117593	3.19	3.39	18.37	2.36
4-1a	2047.886	TR 100	12.37	318.41	318.75	318.91	319.34	0.124246	3.41	3.64	18.56	2.45
4-1a	2047.886	TR 200	14.02	318.41	318.76	318.94	319.43	0.131093	3.63	3.88	18.73	2.54
4-1a	2047.886	TR 500	16.36	318.41	318.78	318.98	319.55	0.139258	3.92	4.20	18.97	2.65
4-1a	1997.886	TR 50	10.76	313.80	314.30	314.49	314.93	0.065723	3.54	3.11	11.67	1.94
4-1a	1997.886	TR 100	12.37	313.80	314.33	314.54	315.01	0.063644	3.67	3.51	12.18	1.94
4-1a	1997.886	TR 200	14.02	313.80	314.36	314.57	315.07	0.061951	3.78	3.90	12.64	1.93
4-1a	1997.886	TR 500	16.36	313.80	314.40	314.63	315.17	0.060230	3.95	4.40	13.10	1.93
4-1a	1947.886	TR 50	10.76	310.84	311.20	311.31	311.56	0.065834	2.67	4.16	21.62	1.82
4-1a	1947.886	TR 100	12.37	310.84	311.22	311.34	311.62	0.068511	2.84	4.52	22.96	1.87
4-1a	1947.886	TR 200	14.02	310.84	311.24	311.37	311.68	0.071040	3.00	4.88	24.36	1.93
4-1a	1947.886	TR 500	16.36	310.84	311.26	311.40	311.76	0.073953	3.21	5.38	25.00	1.99
4-1a	1897.886	TR 50	10.76	306.99	307.35	307.49	307.81	0.085741	3.06	3.61	17.36	2.08
4-1a	1897.886	TR 100	12.37	306.99	307.37	307.52	307.87	0.082302	3.18	4.01	17.84	2.06
4-1a	1897.886	TR 200	14.02	306.99	307.39	307.55	307.92	0.079348	3.28	4.41	18.31	2.05
4-1a	1897.886	TR 500	16.36	306.99	307.42	307.59	308.00	0.076574	3.42	4.95	18.88	2.05
4-1a	1847.886	TR 50	10.76	301.33	301.92	302.22	303.00	0.105625	4.60	2.34	6.56	2.46
4-1a	1847.886	TR 100	12.37	301.33	301.96	302.28	303.13	0.106665	4.80	2.58	6.84	2.49
4-1a	1847.886	TR 200	14.02	301.33	301.99	302.33	303.26	0.107228	4.98	2.81	7.07	2.52
4-1a	1847.886	TR 500	16.36	301.33	302.04	302.41	303.42	0.106775	5.21	3.14	7.35	2.55
4-1a	1797.886	TR 50	10.76	299.02	299.47	299.53	299.72	0.039692	2.22	4.81	19.35	1.43
4-1a	1797.886	TR 100	12.37	299.02	299.49	299.57	299.78	0.040715	2.36	5.22	19.64	1.47
4-1a	1797.886	TR 200	14.02	299.02	299.51	299.61	299.83	0.041778	2.49	5.61	19.88	1.50
4-1a	1797.886	TR 500	16.36	299.02	299.53	299.65	299.90	0.043384	2.66	6.13	20.16	1.55
4-1a	1769.112	TR 50	10.76	297.09	297.46	297.60	297.96	0.103879	3.14	3.45	17.47	2.24
4-1a	1769.112	TR 100	12.37	297.09	297.48	297.63	298.02	0.098514	3.26	3.82	17.62	2.22
4-1a	1769.112	TR 200	14.02	297.09	297.50	297.67	298.07	0.093904	3.37	4.19	17.77	2.20
4-1a	1769.112	TR 500	16.36	297.09	297.53	297.71	298.15	0.088277	3.51	4.71	17.96	2.17
4-1a	1697.886	TR 50	10.76	292.11	292.52	292.59	292.81	0.051861	2.43	4.85	15.85	1.36
4-1a	1697.886	TR 100	12.37	292.11	292.54	292.63	292.88	0.053774	2.59	5.25	15.94	1.40
4-1a	1697.886	TR 200	14.02	292.11	292.57	292.66	292.94	0.055691	2.75	5.63	16.02	1.44
4-1a	1697.886	TR 500	16.36	292.11	292.60	292.73	293.03	0.058242	2.96	6.13	16.14	1.49
4-1a	1647.886	TR 50	10.76	286.77	287.79	287.45	287.83	0.034139	0.93	11.85	19.20	0.37
4-1a	1647.886	TR 100	12.37	286.77	287.84	287.49	287.89	0.035407	0.99	12.84	19.48	0.38
4-1a	1647.886	TR 200	14.02	286.77	287.89	287.53	287.94	0.036589	1.05	13.81	19.78	0.39
4-1a	1647.886	TR 500	16.36	286.77	287.95	287.57	288.02	0.037990	1.11	15.12	20.17	0.40
4-1a	1597.886	TR 50	10.76	284.24	284.88		284.97	0.113703	1.37	8.02	17.25	0.63
4-1a	1597.886	TR 100	12.37	284.24	284.93		285.03	0.106347	1.42	8.94	17.36	0.62
4-1a	1597.886	TR 200	14.02	284.24	284.98		285.09	0.100305	1.46	9.84	17.47	0.61
4-1a	1597.886	TR 500	16.36	284.24	285.05		285.16	0.093938	1.51	11.06	17.61	0.60
4-1a	1547.886	TR 50	10.76	280.69	281.98		282.05	0.035498	1.13	9.47	10.81	0.39
4-1a	1547.886	TR 100	12.37	280.69	282.06		282.13	0.036356	1.19	10.31	11.02	0.39
4-1a	1547.886	TR 200	14.02	280.69	282.14		282.22	0.037178	1.26	11.13	11.22	0.40

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
4-1a	1547.886	TR 500	16.36	280.69	282.23		282.32	0.038066	1.34	12.26	11.48	0.41
4-1a	1497.886	TR 50	10.76	278.19	279.07	278.90	279.19	0.106856	1.56	7.04	12.19	0.65
4-1a	1497.886	TR 100	12.37	278.19	279.13	278.95	279.26	0.103833	1.62	7.80	12.41	0.65
4-1a	1497.886	TR 200	14.02	278.19	279.19	278.99	279.33	0.101434	1.68	8.54	12.63	0.65
4-1a	1497.886	TR 500	16.36	278.19	279.26	279.05	279.42	0.099297	1.76	9.53	12.92	0.65
4-1a	1447.886	TR 50	10.76	274.52	275.51		275.59	0.052612	1.24	8.68	11.47	0.46
4-1a	1447.886	TR 100	12.37	274.52	275.58		275.67	0.053547	1.31	9.47	11.69	0.47
4-1a	1447.886	TR 200	14.02	274.52	275.65		275.74	0.054299	1.38	10.25	11.90	0.47
4-1a	1447.886	TR 500	16.36	274.52	275.73		275.84	0.054911	1.46	11.33	12.17	0.48
4-1a	1397.886	TR 50	10.76	268.90	270.27	270.27	270.56	0.254431	2.44	4.59	8.35	0.93
4-1a	1397.886	TR 100	12.37	268.90	270.33	270.33	270.65	0.243716	2.52	5.17	8.68	0.92
4-1a	1397.886	TR 200	14.02	268.90	270.40	270.40	270.73	0.235437	2.59	5.73	8.85	0.92
4-1a	1397.886	TR 500	16.36	268.90	270.48	270.48	270.83	0.229749	2.70	6.46	9.08	0.92
4-1a	1347.886	TR 50	10.76	263.79	265.36	264.82	265.42	0.031582	1.18	9.61	10.19	0.37
4-1a	1347.886	TR 100	12.37	263.79	265.44	264.88	265.52	0.032364	1.25	10.49	10.44	0.38
4-1a	1347.886	TR 200	14.02	263.79	265.52	264.94	265.60	0.033088	1.31	11.35	10.68	0.39
4-1a	1347.886	TR 500	16.36	263.79	265.63	265.02	265.72	0.034365	1.39	12.47	10.99	0.40
4-1a	1313.847	TR 50	10.76	262.10	262.78	262.78	262.98	0.295046	1.97	5.40	13.69	1.02
4-1a	1313.847	TR 100	12.37	262.10	262.82	262.82	263.04	0.289675	2.05	5.97	13.98	1.02
4-1a	1313.847	TR 200	14.02	262.10	262.86	262.86	263.09	0.285649	2.13	6.52	14.26	1.02
4-1a	1313.847	TR 500	16.36	262.10	262.92	262.92	263.17	0.272536	2.18	7.42	15.19	1.02
4secondo	1197.886	TR 50	25.06	254.00	254.74	254.87	255.24	0.032939	3.17	7.98	16.42	1.43
4secondo	1197.886	TR 100	29.05	254.00	254.79	254.94	255.35	0.033071	3.33	8.84	17.00	1.43
4secondo	1197.886	TR 200	33.14	254.00	254.84	255.01	255.45	0.033150	3.48	9.70	17.55	1.43
4secondo	1197.886	TR 500	38.86	254.00	254.91	255.09	255.58	0.033360	3.67	10.84	18.37	1.44
4secondo	1147.886	TR 50	25.06	252.08	252.51	252.66	253.01	0.063333	3.14	8.10	25.18	1.72
4secondo	1147.886	TR 100	29.05	252.08	252.55	252.71	253.09	0.064196	3.30	8.94	25.40	1.73
4secondo	1147.886	TR 200	33.14	252.08	252.58	252.76	253.17	0.065161	3.45	9.75	25.62	1.74
4secondo	1147.886	TR 500	38.86	252.08	252.62	252.82	253.28	0.066225	3.63	10.85	25.90	1.75
4secondo	1097.886	TR 50	25.06	249.76	250.32	250.39	250.60	0.036021	2.37	10.74	40.92	1.44
4secondo	1097.886	TR 100	29.05	249.76	250.35	250.43	250.66	0.036230	2.49	11.86	41.81	1.46
4secondo	1097.886	TR 200	33.14	249.76	250.37	250.47	250.71	0.036319	2.61	12.90	42.11	1.47
4secondo	1097.886	TR 500	38.86	249.76	250.40	250.51	250.79	0.036561	2.77	14.27	42.50	1.49
4secondo	1056.772	TR 50	25.06	246.94	247.32	247.55	248.16	0.108875	4.13	6.17	21.84	2.45
4secondo	1056.772	TR 100	29.05	246.94	247.35	247.60	248.26	0.102387	4.29	6.90	22.05	2.41
4secondo	1056.772	TR 200	33.14	246.94	247.38	247.65	248.36	0.097156	4.43	7.61	22.25	2.38
4secondo	1056.772	TR 500	38.86	246.94	247.43	247.72	248.48	0.090760	4.61	8.59	22.52	2.35
4secondo	989.4221	TR 50	25.06	244.56	245.16	245.19	245.41	0.019471	2.24	11.37	28.80	1.10
4secondo	989.4221	TR 100	29.05	244.56	245.19	245.23	245.48	0.020218	2.40	12.34	29.05	1.14
4secondo	989.4221	TR 200	33.14	244.56	245.22	245.28	245.55	0.020951	2.55	13.27	29.29	1.17
4secondo	989.4221	TR 500	38.86	244.56	245.26	245.34	245.64	0.021931	2.75	14.47	29.57	1.21
4secondo	947.8865	TR 50	25.06	243.92	244.46	244.47	244.68	0.017186	2.11	12.08	29.87	1.04
4secondo	947.8865	TR 100	29.05	243.92	244.50	244.52	244.75	0.017151	2.22	13.29	30.24	1.05
4secondo	947.8865	TR 200	33.14	243.92	244.54	244.56	244.81	0.016853	2.32	14.54	30.62	1.06
4secondo	947.8865	TR 500	38.86	243.92	244.60	244.62	244.89	0.016212	2.42	16.33	31.32	1.05
4secondo	897.8865	TR 50	25.06	240.91	241.37	241.68	242.67	0.145996	5.05	4.96	17.10	2.99
4secondo	897.8865	TR 100	29.05	240.91	241.41	241.73	242.76	0.140081	5.14	5.65	19.22	3.03
4secondo	897.8865	TR 200	33.14	240.91	241.45	241.78	242.85	0.137015	5.25	6.32	21.46	3.02
4secondo	897.8865	TR 500	38.86	240.91	241.49	241.84	242.99	0.134931	5.43	7.21	22.44	2.97
4secondo	847.8865	TR 50	25.06	239.80	240.23	240.24	240.41	0.017521	1.88	13.59	40.63	1.01
4secondo	847.8865	TR 100	29.05	239.80	240.26	240.27	240.46	0.018097	2.01	14.74	40.82	1.04
4secondo	847.8865	TR 200	33.14	239.80	240.29	240.31	240.51	0.018627	2.13	15.85	41.00	1.07
4secondo	847.8865	TR 500	38.86	239.80	240.32	240.35	240.58	0.019337	2.29	17.28	41.23	1.11
4terzo	727.6805	TR 50	31.45	234.70	237.41	235.30	237.41	0.000042	0.25	131.91	61.31	0.05
4terzo	727.6805	TR 100	36.36	234.70	237.49	235.34	237.50	0.000051	0.28	136.86	61.76	0.06
4terzo	727.6805	TR 200	41.38	234.70	237.53	235.38	237.53	0.000063	0.31	139.00	61.96	0.06
4terzo	727.6805	TR 500	48.45	234.70	237.63	235.43	237.64	0.000075	0.35	145.41	62.50	0.07
4terzo	705.0195	TR 50	31.45	234.00	237.41	235.00	237.41	0.000055	0.15	138.45	58.73	0.03
4terzo	705.0195	TR 100	36.36	234.00	237.49	235.05	237.49	0.000067	0.17	143.18	59.13	0.03
4terzo	705.0195	TR 200	41.38	234.00	237.52	235.09	237.53	0.000083	0.19	145.19	59.30	0.03
4terzo	705.0195	TR 500	48.45	234.00	237.63	235.14	237.63	0.000100	0.21	151.29	59.78	0.04
4terzo	694.9890		Culvert									
4terzo	681.9381	TR 50	31.45	231.50	232.41	232.38	232.68	0.019249	2.34	14.00	24.08	0.93
4terzo	681.9381	TR 100	36.36	231.50	232.46	232.44	232.77	0.020176	2.52	15.17	24.41	0.97
4terzo	681.9381	TR 200	41.38	231.50	232.51	232.51	232.86	0.020688	2.66	16.40	24.72	0.99
4terzo	681.9381	TR 500	48.45	231.50	232.59	232.59	232.98	0.019862	2.79	18.46	25.27	0.99

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
4terzo	613.7487	TR 50	31.45	230.56	231.16	231.16	231.40	0.018068	2.16	15.20	33.76	1.01
4terzo	613.7487	TR 100	36.36	230.56	231.21	231.21	231.47	0.017633	2.26	16.85	34.07	1.01
4terzo	613.7487	TR 200	41.38	230.56	231.26	231.26	231.54	0.017602	2.37	18.34	34.35	1.01
4terzo	613.7487	TR 500	48.45	230.56	231.30	231.32	231.63	0.019103	2.58	19.80	34.61	1.07
4terzo	558.6832	TR 50	31.45	227.22	227.56	227.87	228.92	0.202869	5.19	6.25	24.42	3.23
4terzo	558.6832	TR 100	36.36	227.22	227.59	227.93	229.06	0.192449	5.39	6.99	24.70	3.19
4terzo	558.6832	TR 200	41.38	227.22	227.62	227.99	229.16	0.178395	5.52	7.78	25.00	3.11
4terzo	558.6832	TR 500	48.45	227.22	227.67	228.06	229.22	0.149168	5.54	9.13	25.59	2.90
4terzo	489.9484	TR 50	31.45	225.75	226.62	226.37	226.69	0.004588	1.18	27.62	45.43	0.48
4terzo	489.9484	TR 100	36.36	225.75	226.68	226.41	226.76	0.004612	1.24	30.45	45.68	0.48
4terzo	489.9484	TR 200	41.38	225.75	226.75	226.45	226.83	0.004582	1.29	33.29	45.85	0.48
4terzo	489.9484	TR 500	48.45	225.75	226.83	226.50	226.92	0.004607	1.37	36.92	46.08	0.48
4terzo	439.4584	TR 50	31.45	225.35	226.07	226.07	226.30	0.014256	2.14	15.24	37.98	1.00
4terzo	439.4584	TR 100	36.36	225.35	226.12	226.12	226.37	0.013925	2.22	17.15	38.36	0.99
4terzo	439.4584	TR 200	41.38	225.35	226.16	226.16	226.44	0.013973	2.33	18.85	38.70	1.00
4terzo	439.4584	TR 500	48.45	225.35	226.22	226.22	226.53	0.013752	2.44	21.27	39.17	1.00
4quarto	333.7669	TR 50	31.66	222.80	223.44	223.68	224.26	0.079930	4.00	8.05	25.16	2.18
4quarto	333.7669	TR 100	37.22	222.80	223.49	223.74	224.37	0.076043	4.17	9.15	25.69	2.15
4quarto	333.7669	TR 200	42.87	222.80	223.53	223.81	224.46	0.070737	4.28	10.32	26.05	2.10
4quarto	333.7669	TR 500	50.54	222.80	223.58	223.88	224.60	0.066915	4.46	11.75	26.48	2.07
4quarto	298.3585	TR 50	31.66	221.48	221.97	222.07	222.35	0.034344	2.72	11.79	33.16	1.43
4quarto	298.3585	TR 100	37.22	221.48	222.01	222.12	222.44	0.036177	2.93	12.89	33.62	1.49
4quarto	298.3585	TR 200	42.87	221.48	222.03	222.17	222.53	0.038302	3.14	13.87	34.03	1.55
4quarto	298.3585	TR 500	50.54	221.48	222.07	222.24	222.66	0.040349	3.41	15.11	34.41	1.61
4quarto	247.9837	TR 50	31.66	221.00	221.43	221.43	221.61	0.017164	1.90	17.44	49.73	1.01
4quarto	247.9837	TR 100	37.22	221.00	221.47	221.47	221.67	0.016561	2.00	19.51	50.08	1.01
4quarto	247.9837	TR 200	42.87	221.00	221.51	221.51	221.73	0.016061	2.10	21.52	50.50	1.01
4quarto	247.9837	TR 500	50.54	221.00	221.56	221.56	221.81	0.015478	2.21	24.15	51.13	1.01
4quarto	200	TR 50	31.66	218.22	218.60	218.84	219.60	0.183323	4.42	7.17	33.02	3.03
4quarto	200	TR 100	37.22	218.22	218.63	218.89	219.72	0.175115	4.63	8.04	33.43	3.01
4quarto	200	TR 200	42.87	218.22	218.65	218.94	219.84	0.168350	4.82	8.90	33.95	2.99
4quarto	200	TR 500	50.54	218.22	218.69	219.01	219.97	0.161120	5.02	10.07	35.01	2.98
4quarto	100	TR 50	31.66	216.11	216.67	216.67	216.87	0.016746	1.97	16.19	42.32	1.01
4quarto	100	TR 100	37.22	216.11	216.72	216.72	216.93	0.016179	2.08	18.11	42.79	1.01
4quarto	100	TR 200	42.87	216.11	216.76	216.76	217.00	0.015690	2.17	19.94	43.24	1.01
4quarto	100	TR 500	50.54	216.11	216.82	216.82	217.08	0.015051	2.29	22.35	43.81	1.01

26-11-2012 Plan: 05022021 2/11/2021

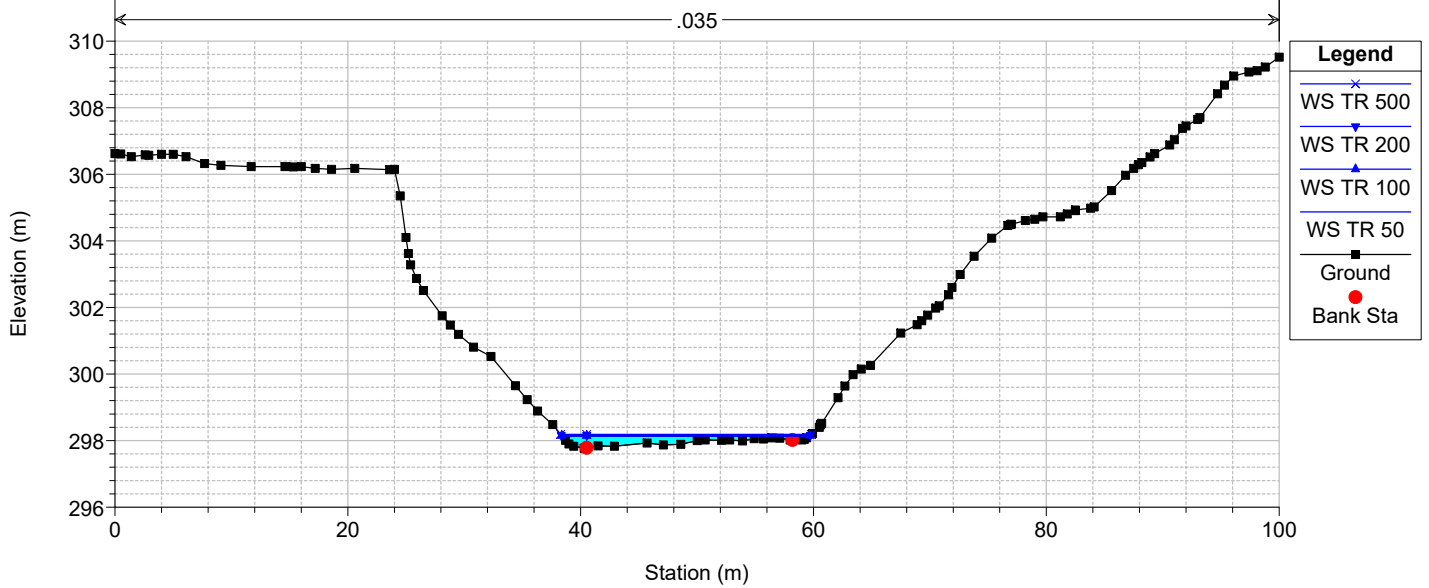
Geom: 05022021 Flow: 05022021 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

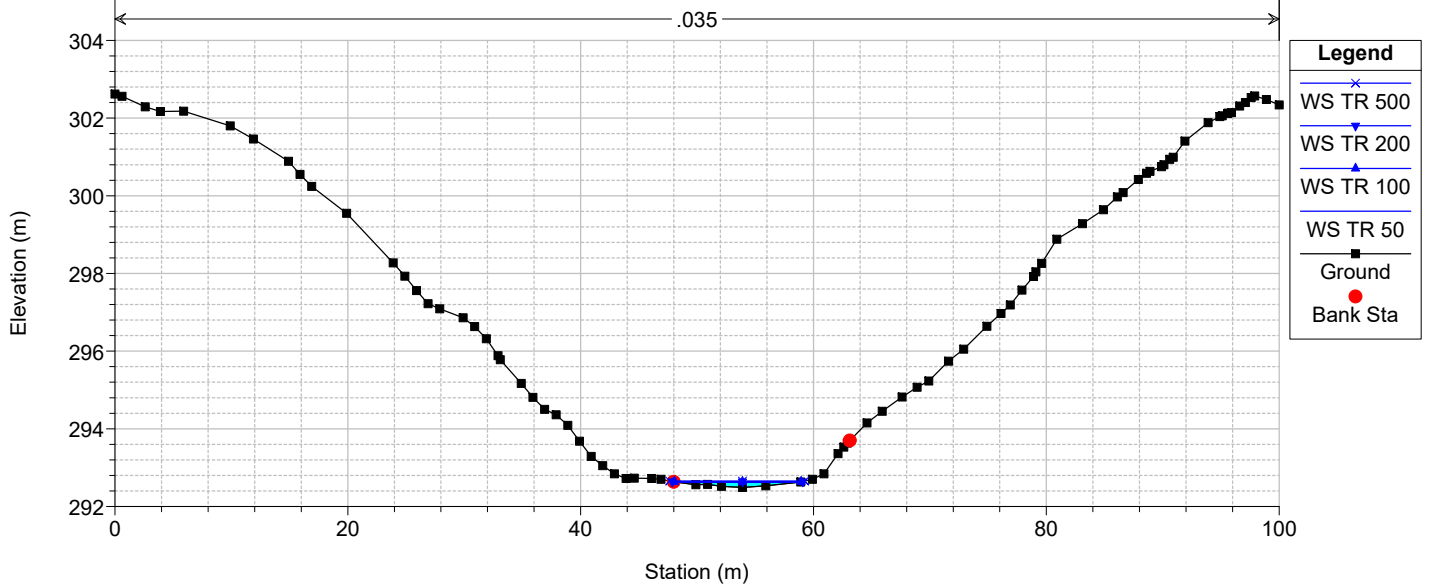
River = asta 3 Reach = 3 RS = 800 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

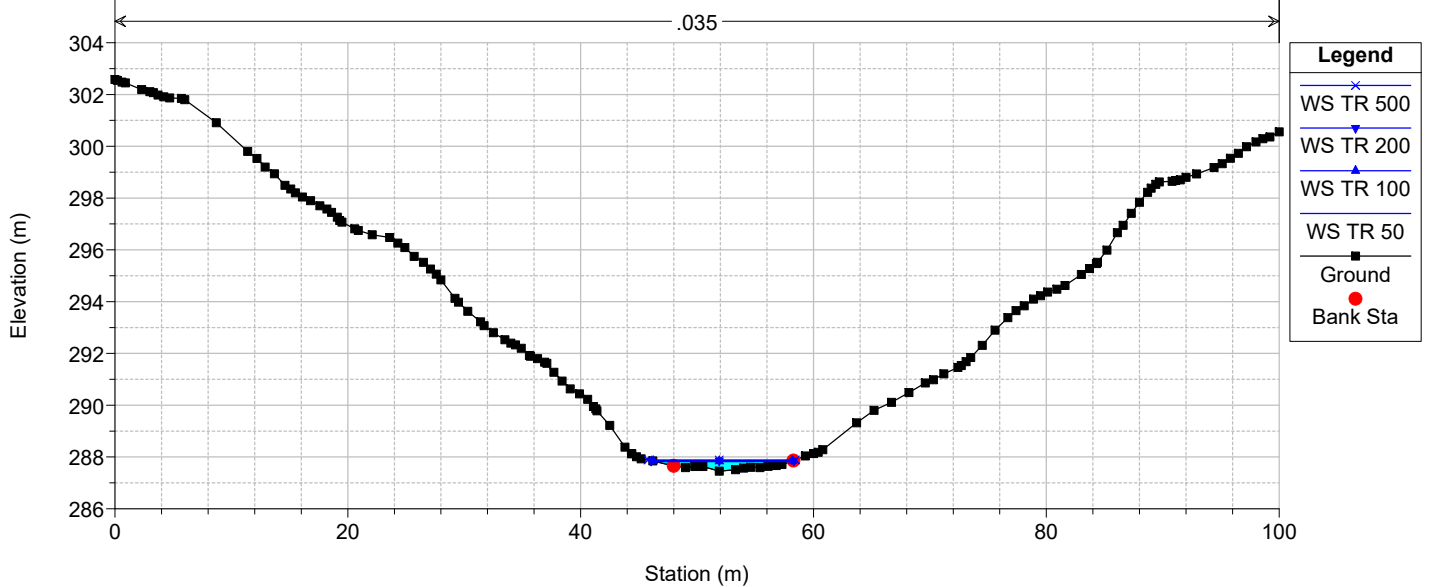
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26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

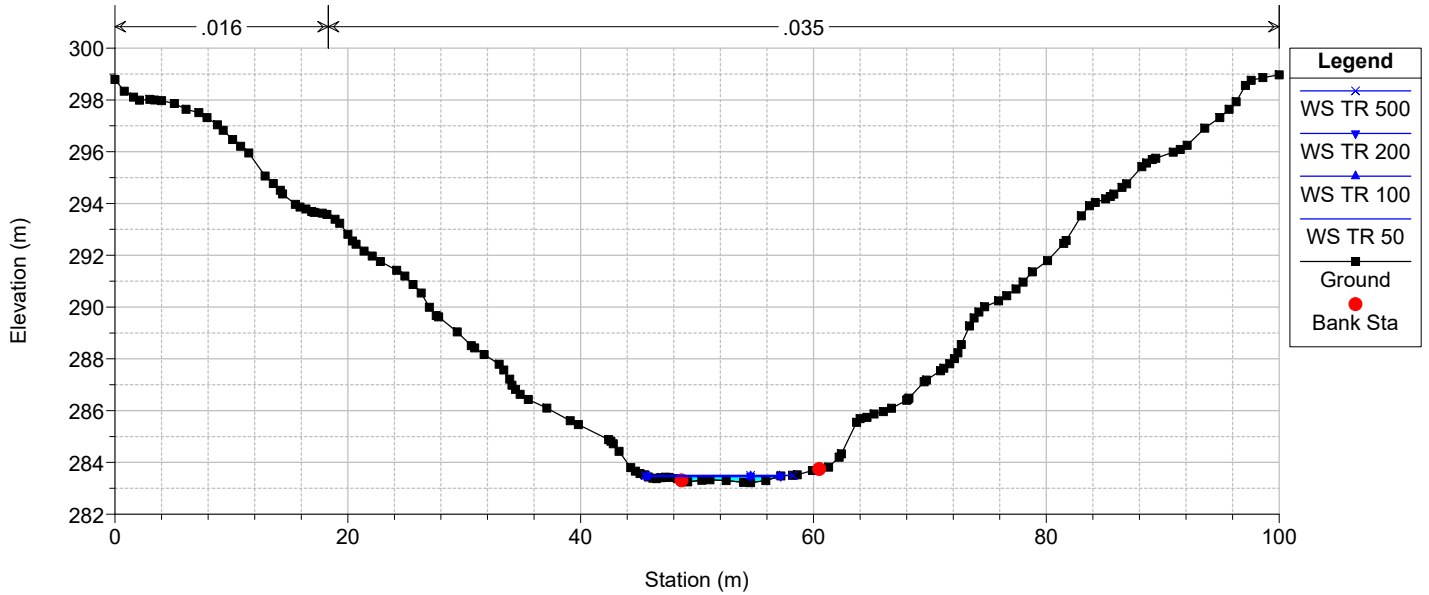
River = asta 3 Reach = 3 RS = 700 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

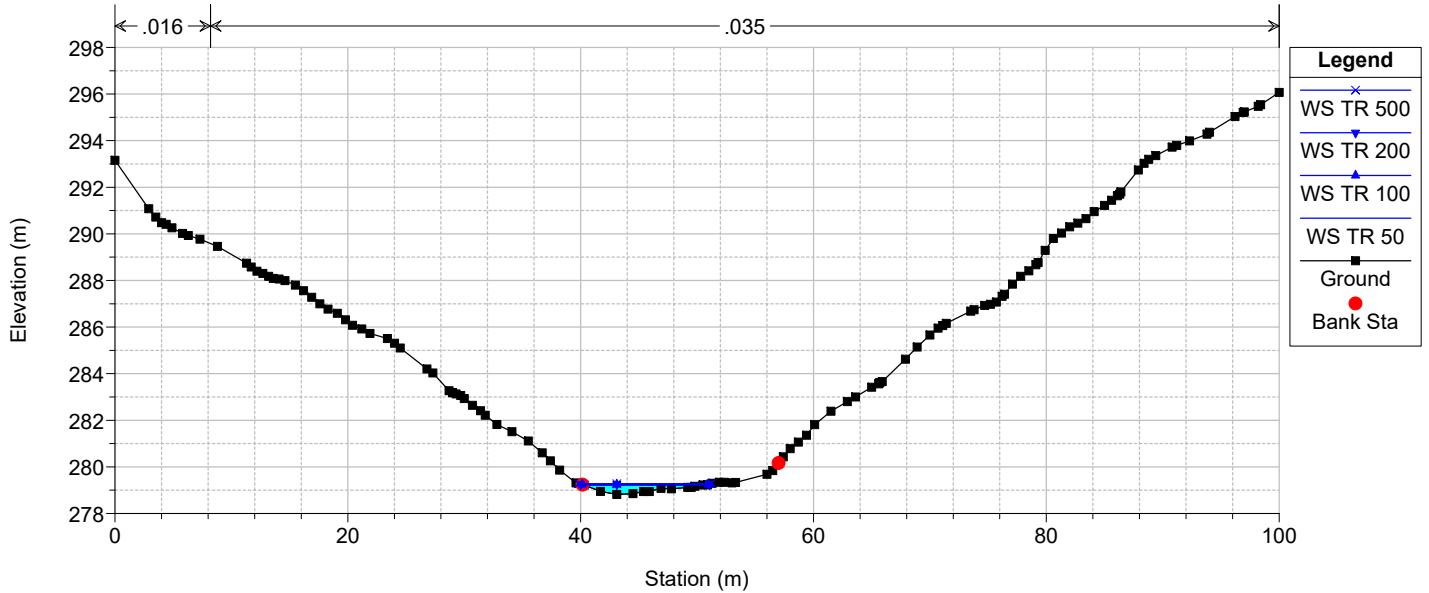
River = asta 3 Reach = 3 RS = 650 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

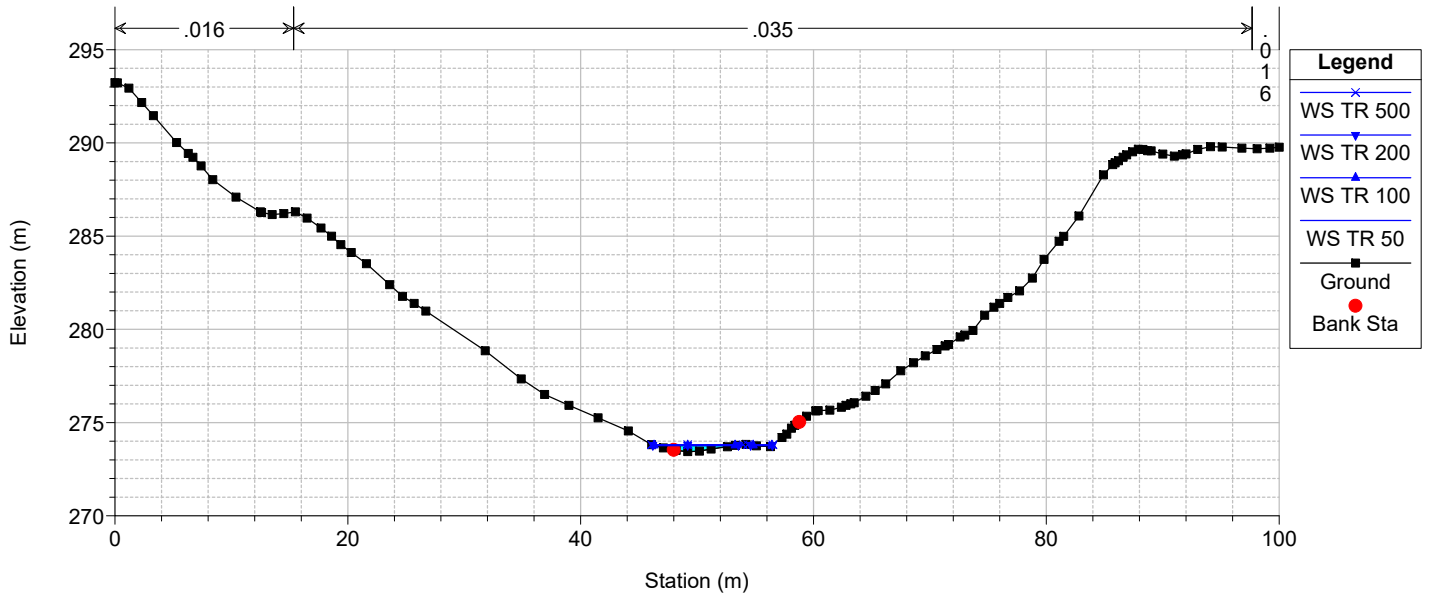
River = asta 3 Reach = 3 RS = 600 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

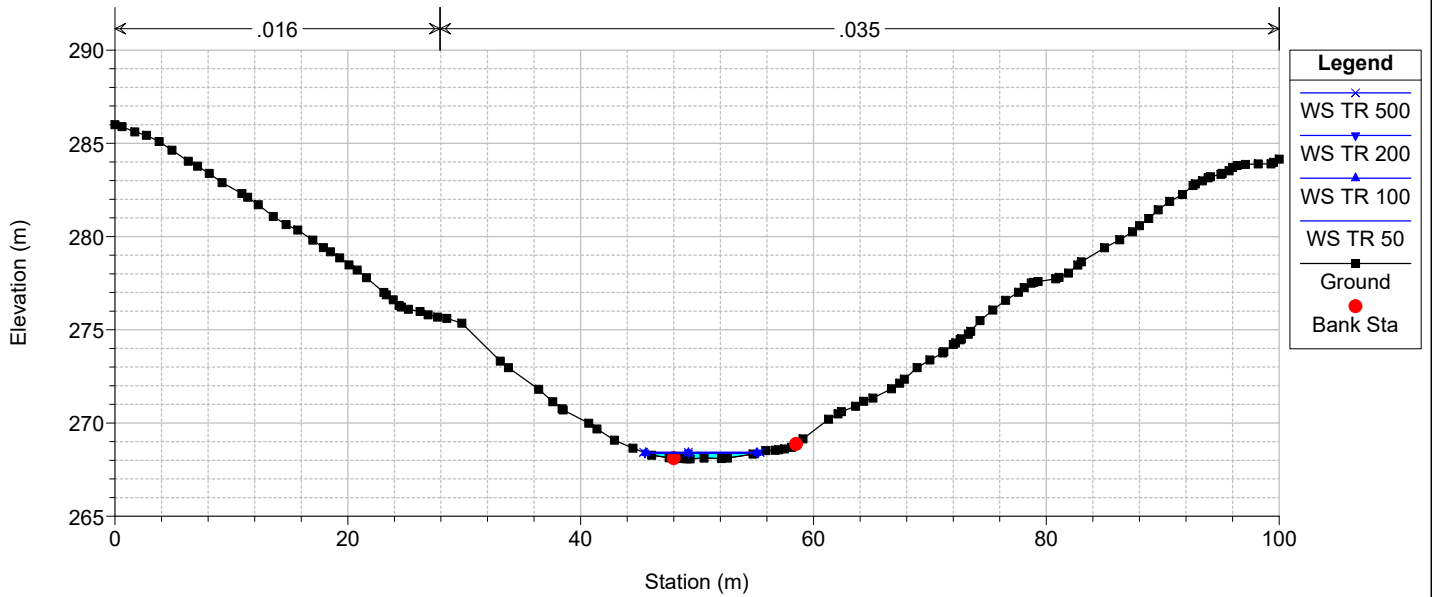
River = asta 3 Reach = 3 RS = 550 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

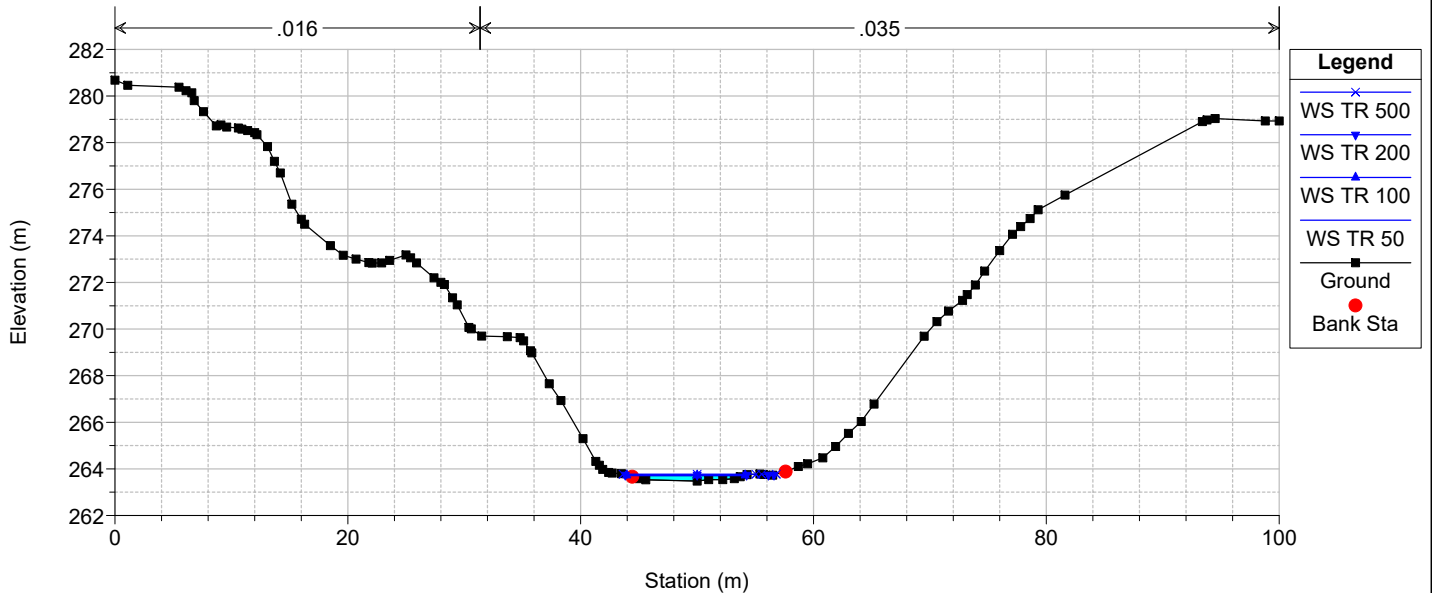
River = asta 3 Reach = 3 RS = 500 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

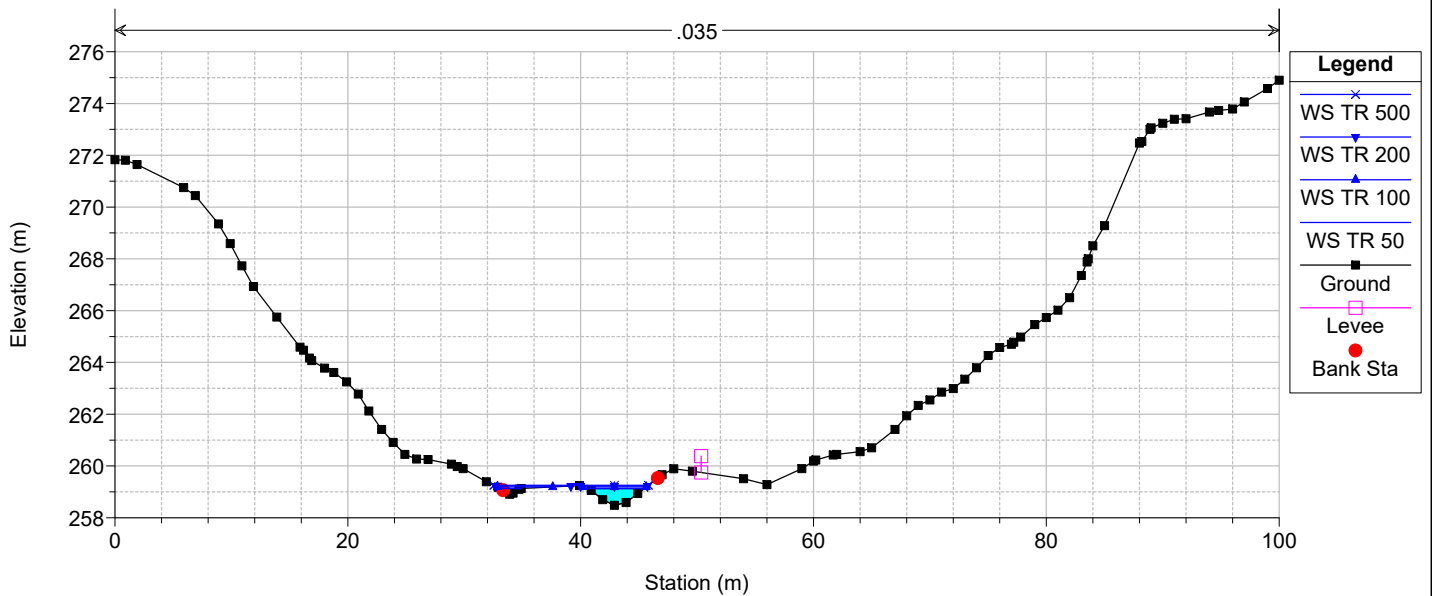
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26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

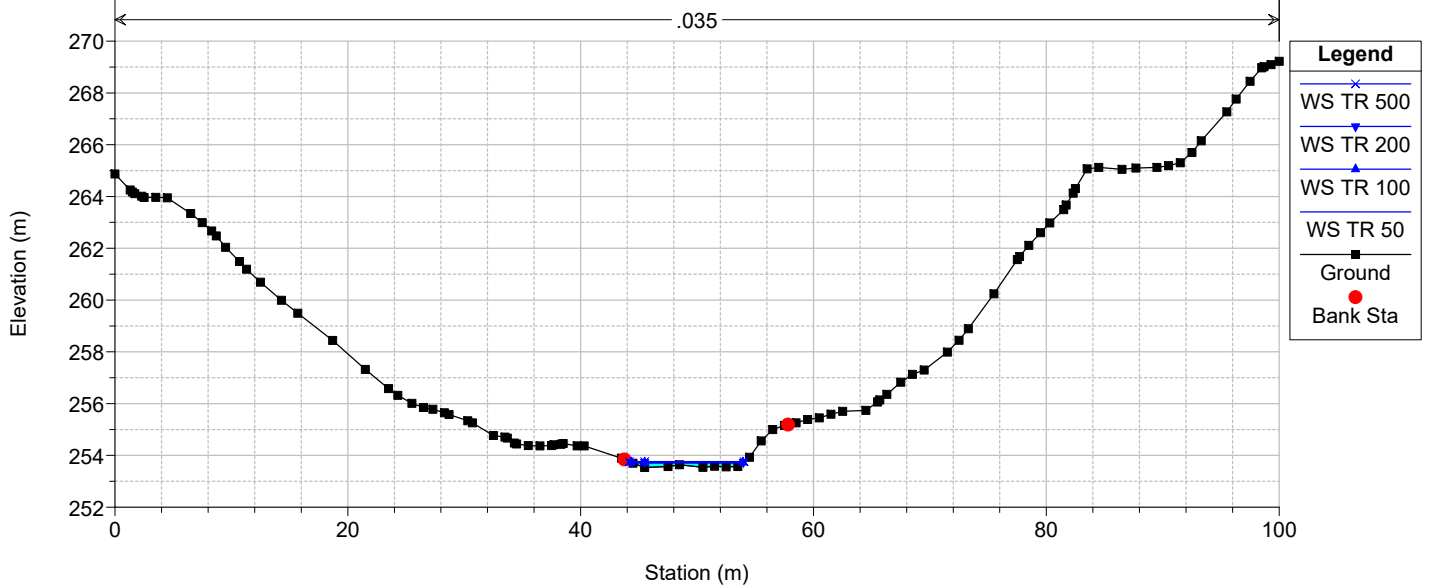
River = asta 3 Reach = 3 RS = 381.4413 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

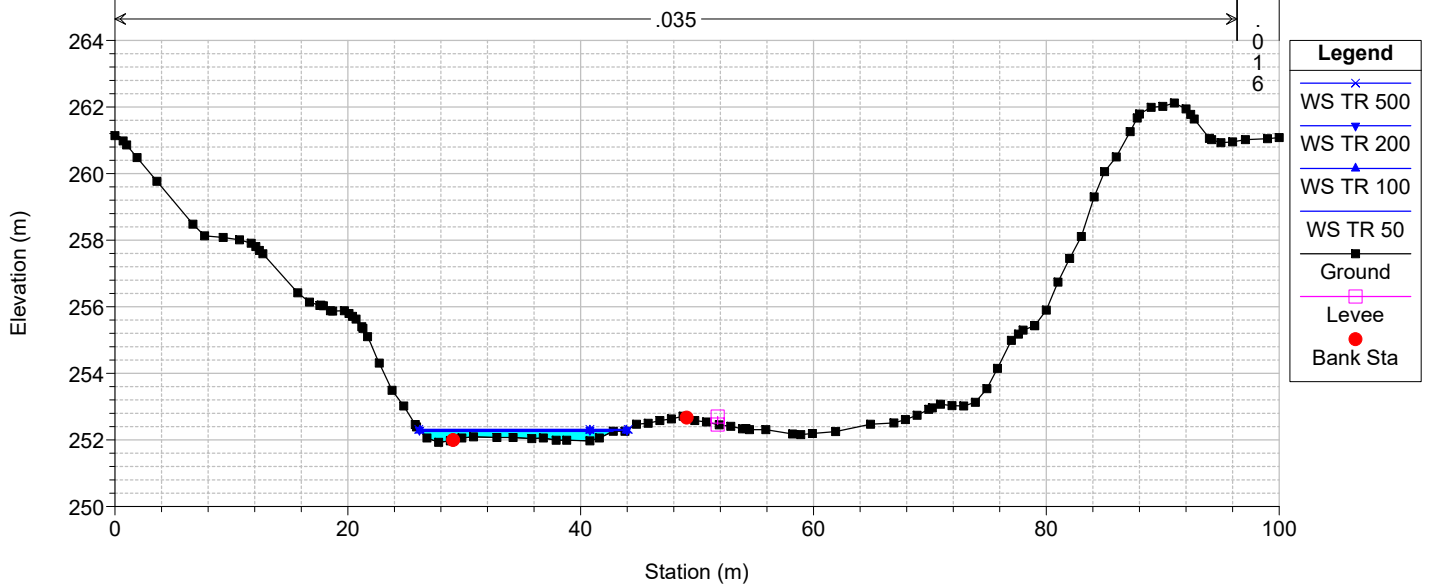
River = asta 3 Reach = 3 RS = 328.4926 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

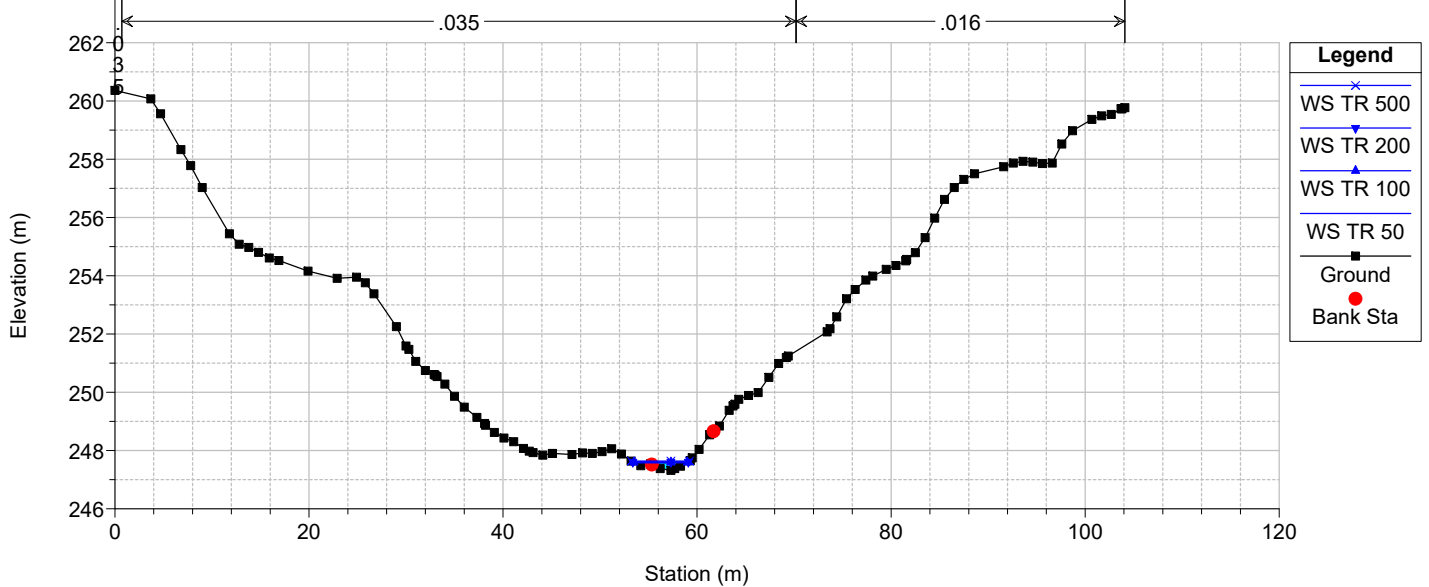
River = asta 3 Reach = 3 RS = 287.6377 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

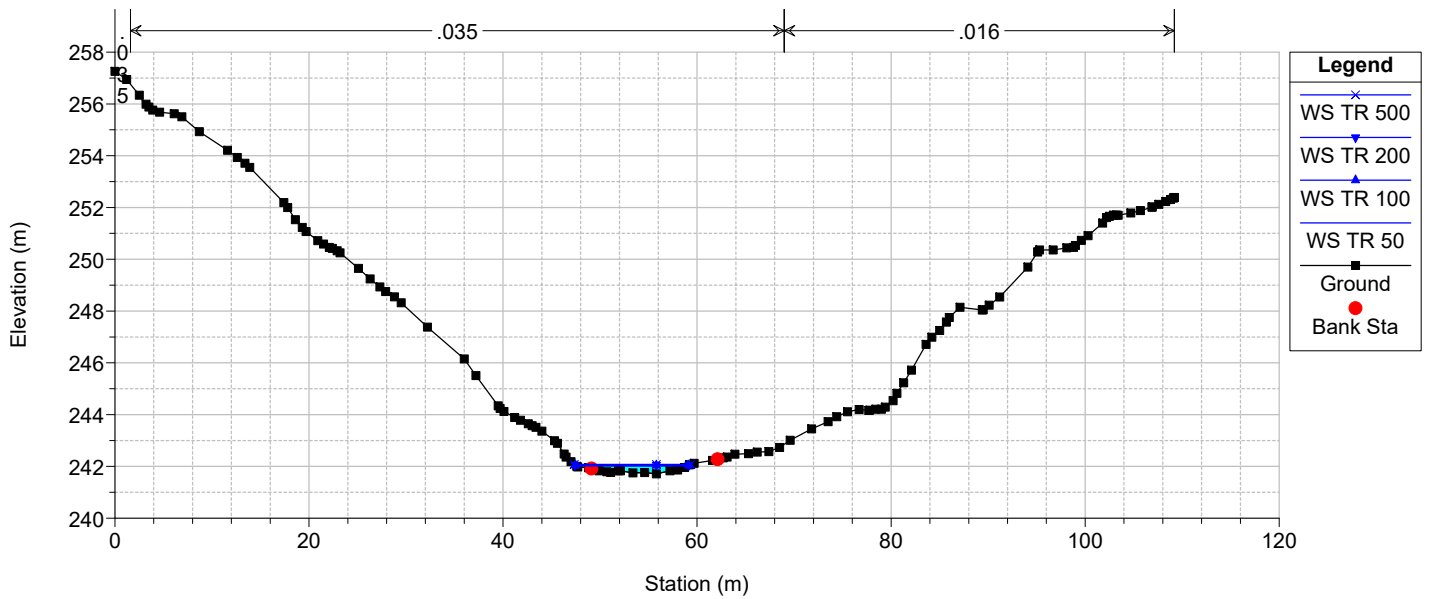
River = asta 3 Reach = 3 RS = 266.5250 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

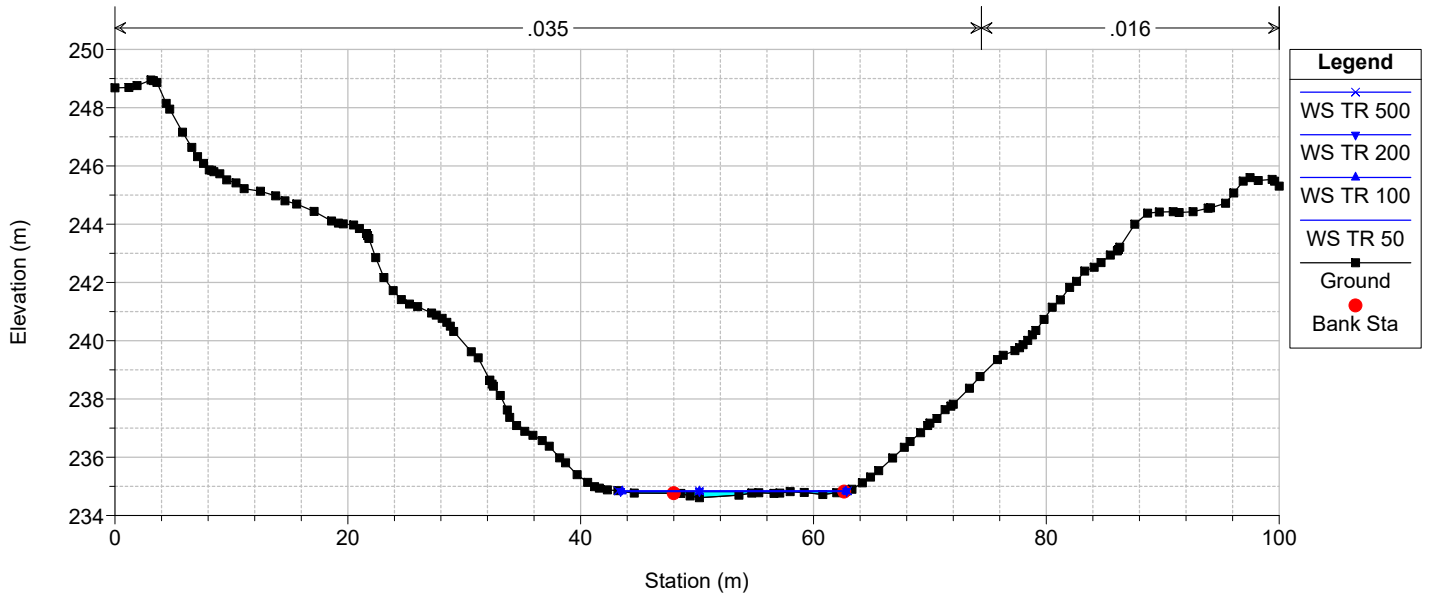
River = asta 3 Reach = 3 RS = 210.1979 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

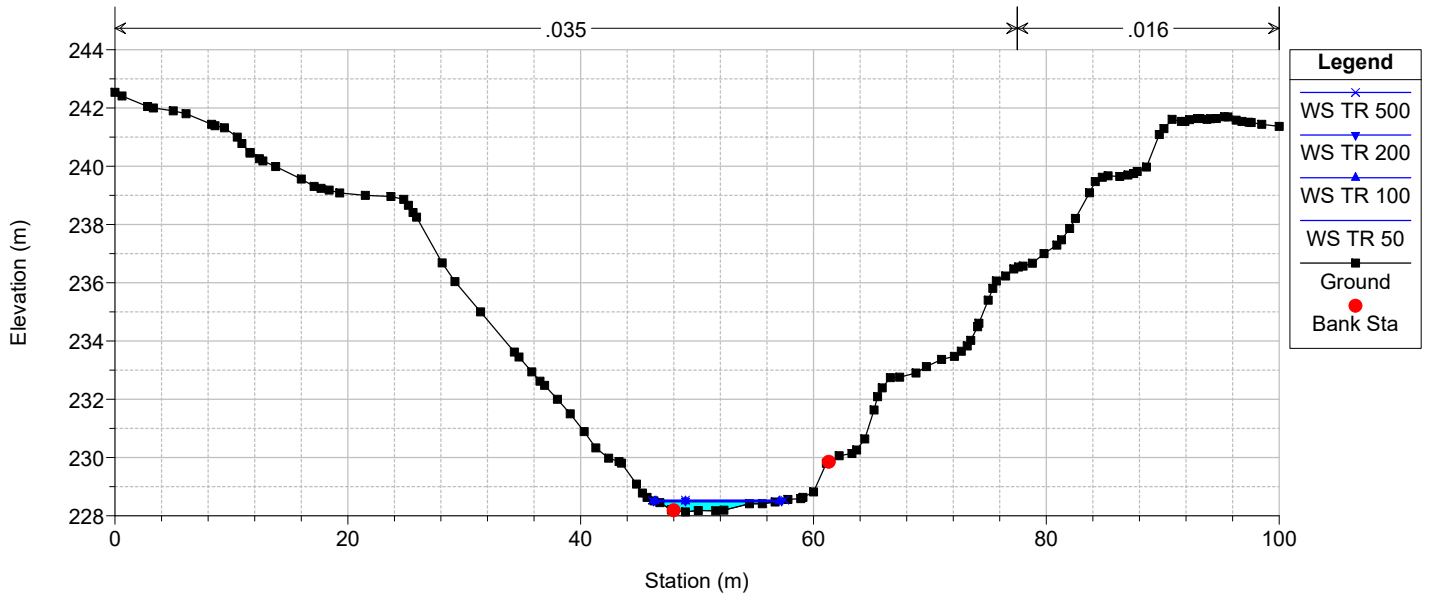
River = asta 3 Reach = 3 RS = 150 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

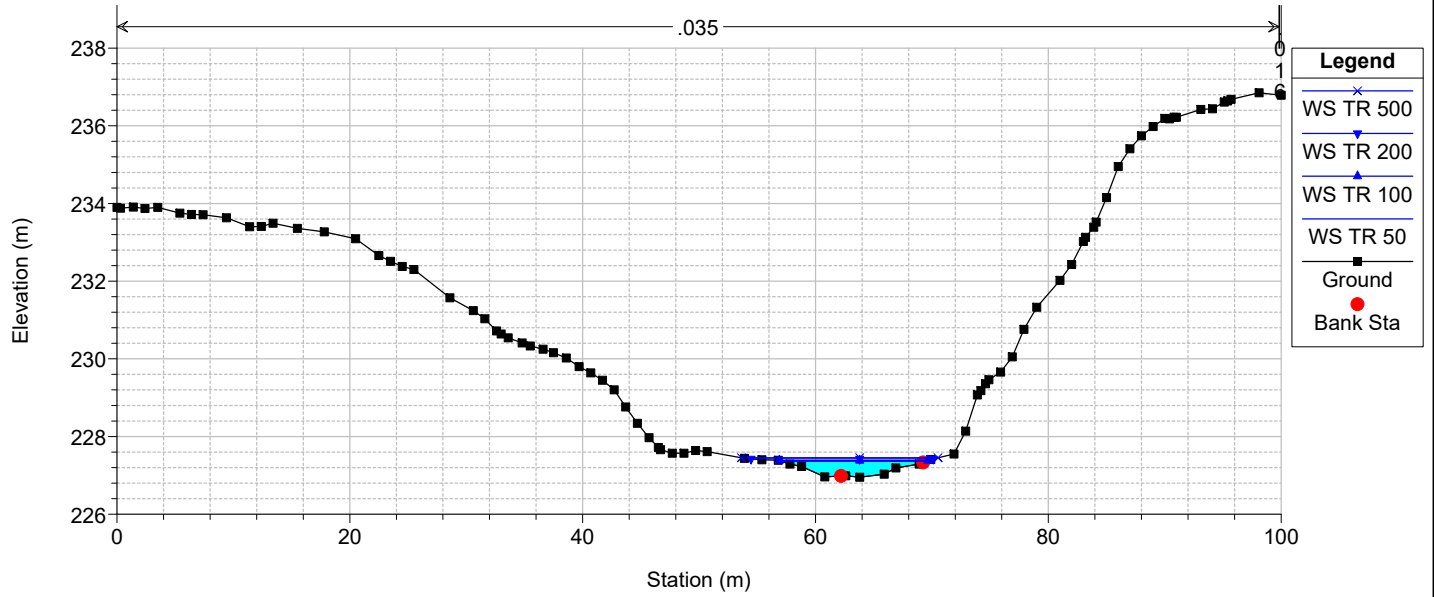
River = asta 3 Reach = 3 RS = 100 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

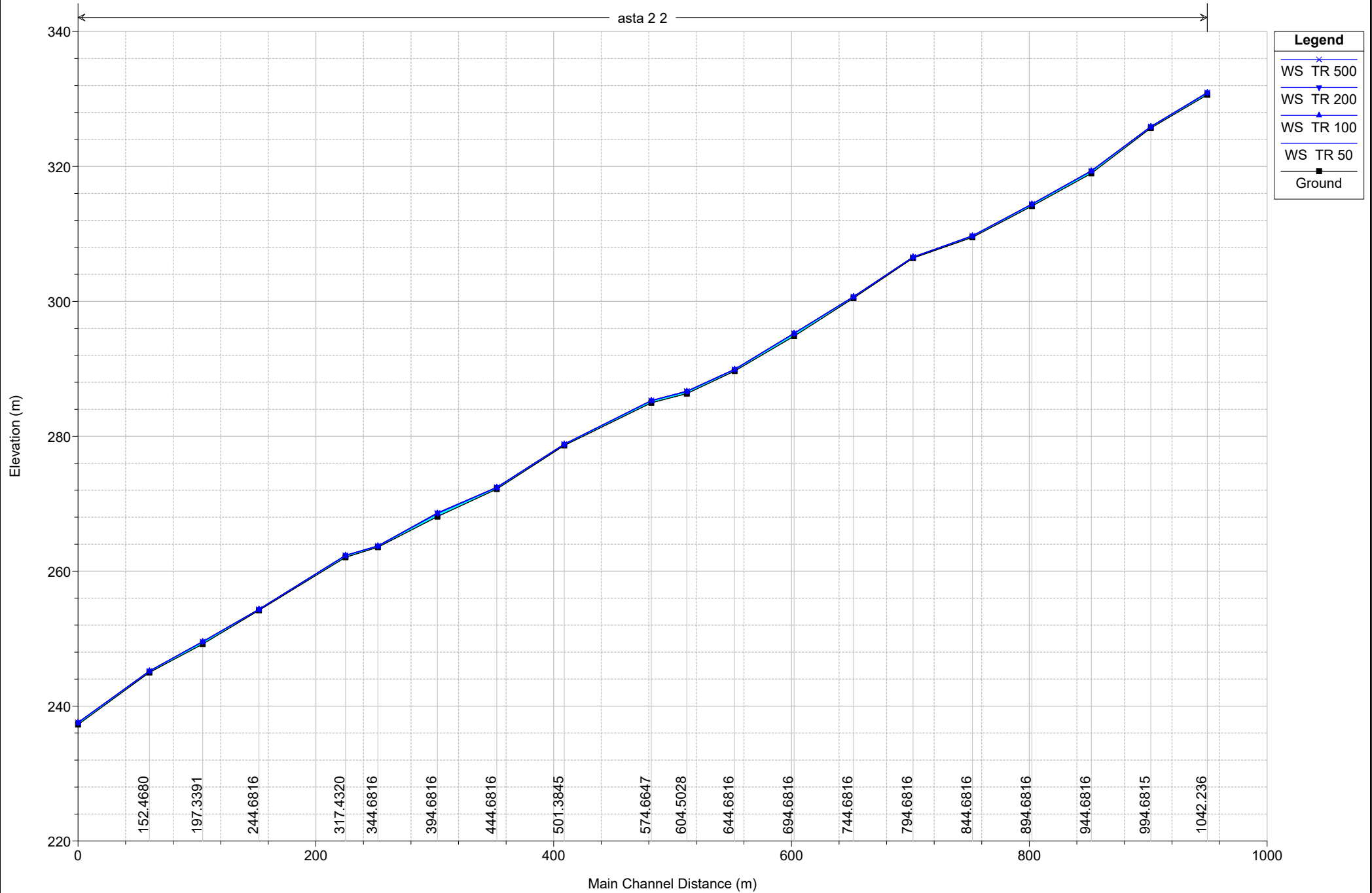
River = asta 3 Reach = 3 RS = 61.52805 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



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
3	800	TR 50	5.20	297.78	298.13	298.13	298.23	0.019143	1.28	3.96	21.20	0.95
3	800	TR 100	5.93	297.78	298.15	298.15	298.25	0.019617	1.37	4.27	21.29	0.98
3	800	TR 200	6.69	297.78	298.17	298.17	298.28	0.019398	1.43	4.62	21.39	0.98
3	800	TR 500	7.77	297.78	298.19	298.19	298.31	0.019014	1.51	5.10	21.53	0.99
3	750	TR 50	5.20	292.49	292.62	292.83	294.89	1.732037	6.67	0.78	10.42	7.79
3	750	TR 100	5.93	292.49	292.63	292.85	294.95	1.589622	6.74	0.88	10.89	7.56
3	750	TR 200	6.69	292.49	292.64	292.87	295.02	1.447645	6.82	0.98	11.22	7.33
3	750	TR 500	7.77	292.49	292.65	292.89	295.14	1.309435	6.99	1.11	11.58	7.10
3	700	TR 50	5.20	287.45	287.83	287.89	288.06	0.041404	2.18	2.46	11.67	1.45
3	700	TR 100	5.93	287.45	287.84	287.92	288.11	0.041986	2.29	2.67	11.95	1.48
3	700	TR 200	6.69	287.45	287.86	287.95	288.15	0.042775	2.40	2.88	12.26	1.50
3	700	TR 500	7.77	287.45	287.88	287.98	288.21	0.043870	2.56	3.15	12.65	1.54
3	650	TR 50	5.20	283.22	283.45	283.60	284.12	0.197516	3.72	1.48	11.22	2.98
3	650	TR 100	5.93	283.22	283.46	283.63	284.18	0.190136	3.83	1.64	11.38	2.96
3	650	TR 200	6.69	283.22	283.48	283.65	284.22	0.182377	3.93	1.81	11.54	2.93
3	650	TR 500	7.77	283.22	283.50	283.68	284.24	0.179594	3.93	2.08	12.67	2.91
3	600	TR 50	5.20	278.82	279.22	279.30	279.50	0.051380	2.34	2.22	10.19	1.60
3	600	TR 100	5.93	278.82	279.24	279.34	279.54	0.052491	2.42	2.45	10.82	1.63
3	600	TR 200	6.69	278.82	279.26	279.37	279.59	0.053654	2.55	2.62	11.04	1.66
3	600	TR 500	7.77	278.82	279.28	279.40	279.65	0.053519	2.69	2.89	11.36	1.68
3	550	TR 50	5.20	273.44	273.76	273.94	274.63	0.243568	4.24	1.26	8.04	3.33
3	550	TR 100	5.93	273.44	273.78	273.96	274.67	0.233164	4.29	1.42	8.58	3.28
3	550	TR 200	6.69	273.44	273.79	273.99	274.70	0.226093	4.31	1.59	9.24	3.25
3	550	TR 500	7.77	273.44	273.82	274.03	274.77	0.226457	4.40	1.80	10.03	3.26
3	500	TR 50	5.20	268.07	268.37	268.48	268.73	0.066336	2.73	1.98	9.37	1.83
3	500	TR 100	5.93	268.07	268.39	268.52	268.79	0.067660	2.88	2.15	9.55	1.87
3	500	TR 200	6.69	268.07	268.41	268.55	268.84	0.068497	3.00	2.32	9.72	1.90
3	500	TR 500	7.77	268.07	268.43	268.58	268.91	0.068398	3.15	2.56	9.97	1.92
3	450	TR 50	5.20	263.48	263.71	263.85	264.22	0.128905	3.16	1.65	9.95	2.44
3	450	TR 100	5.93	263.48	263.73	263.87	264.27	0.125326	3.29	1.82	10.17	2.44
3	450	TR 200	6.69	263.48	263.74	263.90	264.32	0.124168	3.35	2.01	10.90	2.44
3	450	TR 500	7.77	263.48	263.77	263.93	264.35	0.126934	3.38	2.32	12.66	2.47
3	381.4413	TR 50	5.20	258.48	259.13	259.26	259.48	0.042420	2.62	1.99	6.67	1.51
3	381.4413	TR 100	5.93	258.48	259.19	259.28	259.47	0.043480	2.37	2.53	10.20	1.49
3	381.4413	TR 200	6.69	258.48	259.22	259.30	259.50	0.043830	2.32	2.91	12.20	1.49
3	381.4413	TR 500	7.77	258.48	259.25	259.33	259.54	0.043163	2.38	3.30	13.27	1.49
3	328.4926	TR 50	5.20	253.53	253.71	253.89	254.60	0.318982	4.17	1.25	9.46	3.66
3	328.4926	TR 100	5.93	253.53	253.73	253.92	254.64	0.286705	4.23	1.40	9.60	3.53
3	328.4926	TR 200	6.69	253.53	253.74	253.95	254.71	0.271297	4.34	1.54	9.71	3.48
3	328.4926	TR 500	7.77	253.53	253.76	253.99	254.82	0.265781	4.56	1.71	9.85	3.50
3	287.6377	TR 50	5.20	251.97	252.26	252.26	252.37	0.020440	1.43	3.55	16.52	1.00
3	287.6377	TR 100	5.93	251.97	252.28	252.28	252.40	0.019511	1.44	4.01	17.72	0.99
3	287.6377	TR 200	6.69	251.97	252.30	252.30	252.42	0.020145	1.53	4.28	17.83	1.01
3	287.6377	TR 500	7.77	251.97	252.32	252.33	252.46	0.020916	1.64	4.65	17.99	1.05
3	266.5250	TR 50	5.20	247.32	247.58	247.93	250.76	0.923280	8.15	0.69	5.33	6.44
3	266.5250	TR 100	5.93	247.32	247.59	247.96	250.84	0.866197	8.28	0.78	5.52	6.31
3	266.5250	TR 200	6.69	247.32	247.61	248.00	250.85	0.793537	8.31	0.87	5.72	6.11
3	266.5250	TR 500	7.77	247.32	247.63	248.03	250.87	0.711924	8.34	1.01	5.99	5.87
3	210.1979	TR 50	5.20	241.71	242.02	242.11	242.30	0.051563	2.35	2.27	11.50	1.61
3	210.1979	TR 100	5.93	241.71	242.04	242.14	242.35	0.052617	2.48	2.46	11.64	1.64
3	210.1979	TR 200	6.69	241.71	242.06	242.16	242.39	0.053616	2.60	2.65	11.77	1.67
3	210.1979	TR 500	7.77	241.71	242.08	242.20	242.46	0.054975	2.76	2.90	12.01	1.71
3	150	TR 50	5.20	234.61	234.82	234.94	235.46	0.419969	3.65	1.49	18.93	3.94
3	150	TR 100	5.93	234.61	234.83	234.96	235.51	0.396640	3.77	1.65	19.21	3.88
3	150	TR 200	6.69	234.61	234.84	234.97	235.56	0.376679	3.88	1.81	19.42	3.84
3	150	TR 500	7.77	234.61	234.85	235.00	235.62	0.352766	4.02	2.03	19.70	3.78
3	100	TR 50	5.20	228.13	228.48	228.59	228.80	0.062968	2.55	2.09	10.30	1.77
3	100	TR 100	5.93	228.13	228.50	228.61	228.85	0.064349	2.67	2.28	10.66	1.80
3	100	TR 200	6.69	228.13	228.52	228.64	228.90	0.065654	2.79	2.46	10.99	1.84
3	100	TR 500	7.77	228.13	228.54	228.67	228.97	0.067420	2.95	2.71	11.37	1.88
3	61.52805	TR 50	5.20	226.95	227.37	227.37	227.50	0.019252	1.69	3.21	12.54	1.02
3	61.52805	TR 100	5.93	226.95	227.38	227.38	227.54	0.021651	1.84	3.37	12.77	1.09
3	61.52805	TR 200	6.69	226.95	227.42	227.44	227.58	0.019061	1.90	3.99	15.65	1.05
3	61.52805	TR 500	7.77	226.95	227.45	227.48	227.62	0.019100	2.01	4.47	16.89	1.06

26-11-2012 Plan: 05022021 2/11/2021

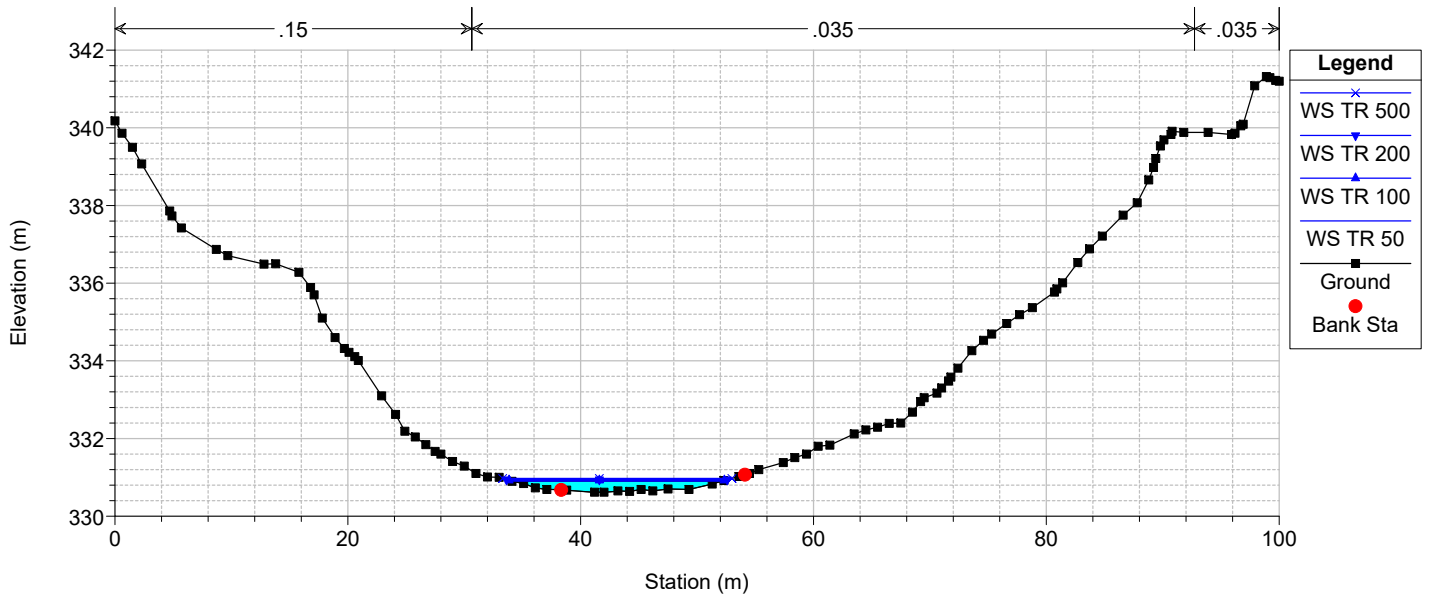
Geom: 05022021 Flow: 05022021 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

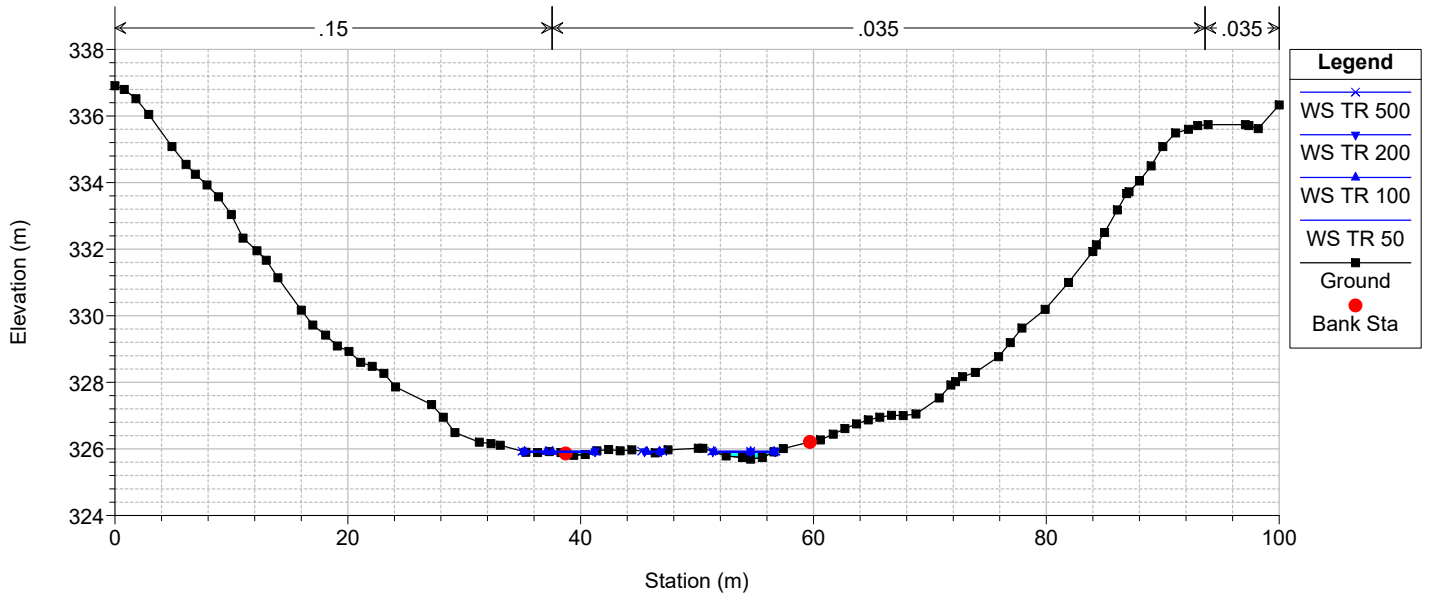
River = asta 2 Reach = 2 RS = 1042.236 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

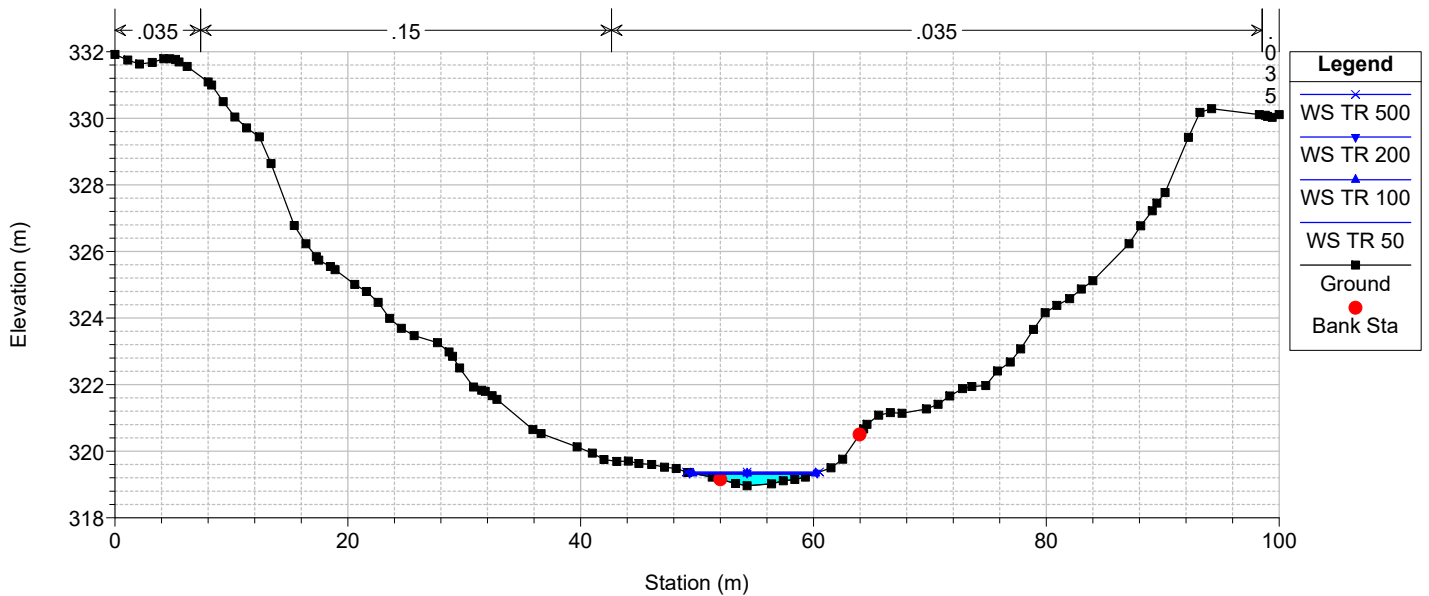
River = asta 2 Reach = 2 RS = 994.6815 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

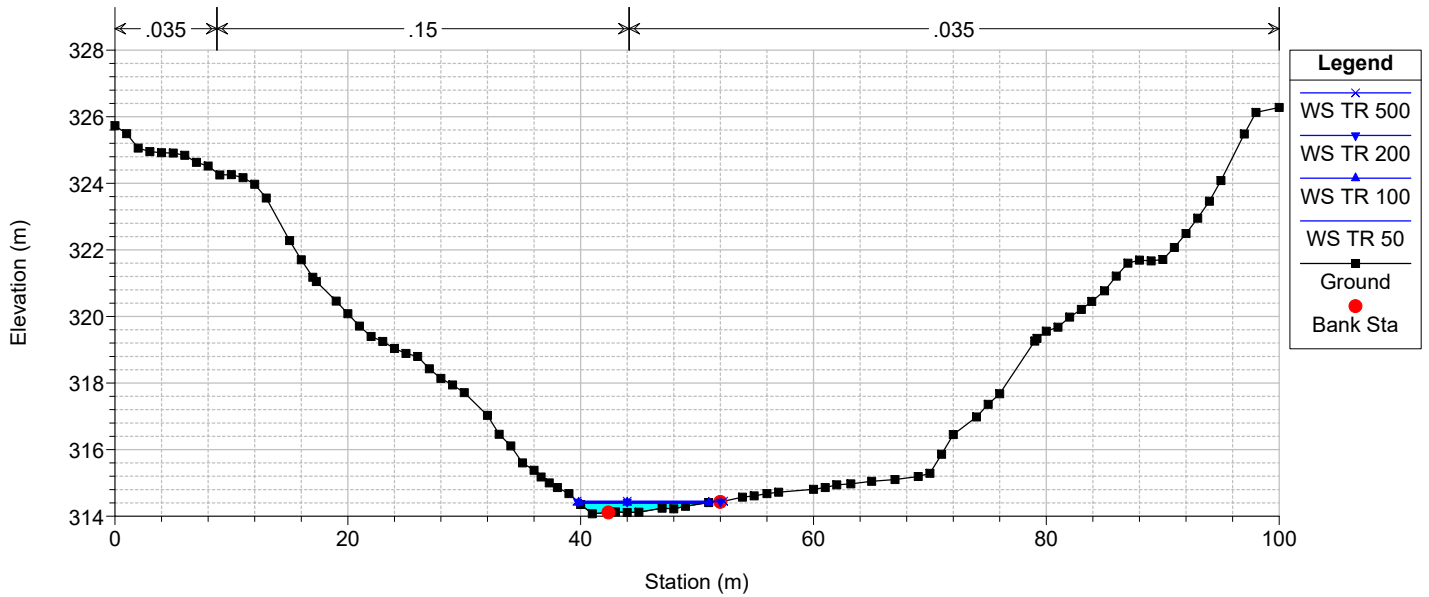
River = asta 2 Reach = 2 RS = 944.6816 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

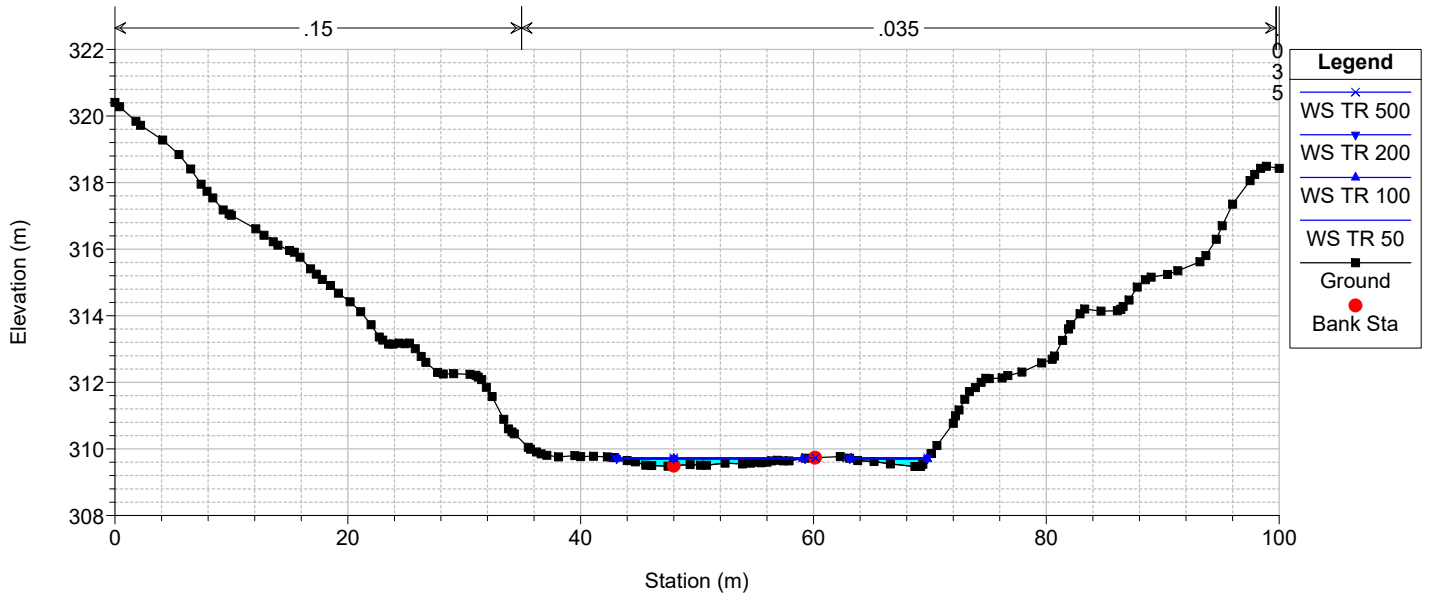
River = asta 2 Reach = 2 RS = 894.6816 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

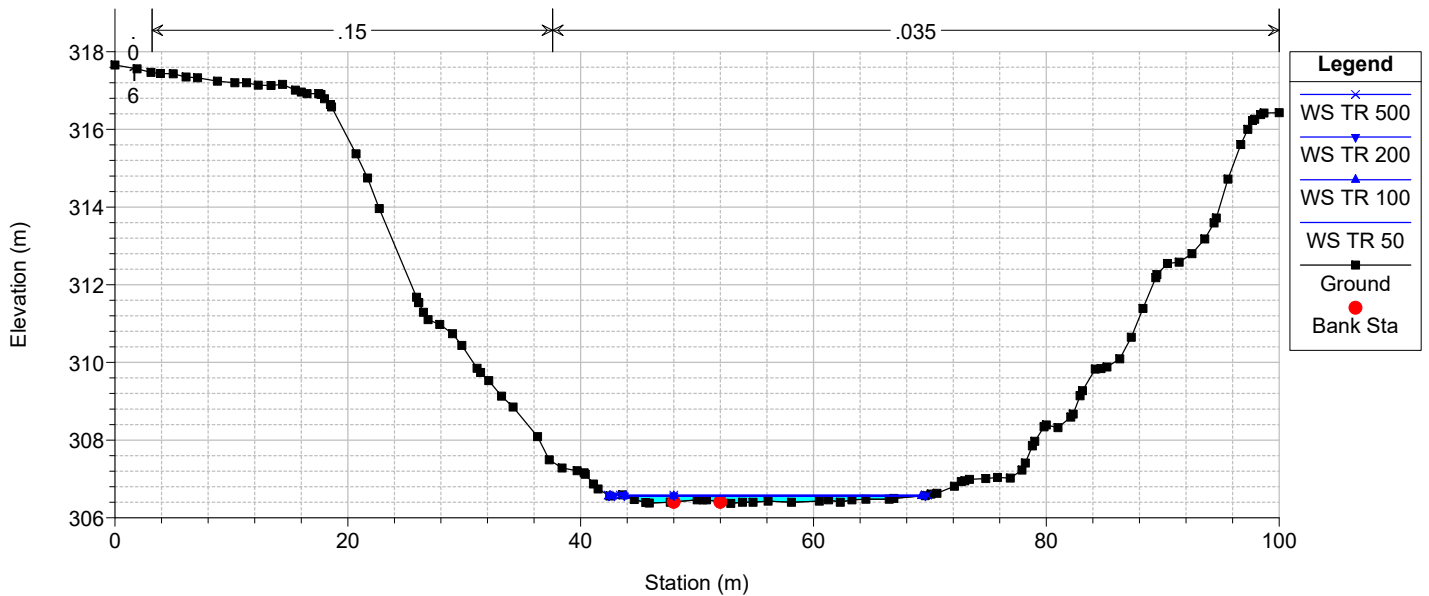
River = asta 2 Reach = 2 RS = 844.6816 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

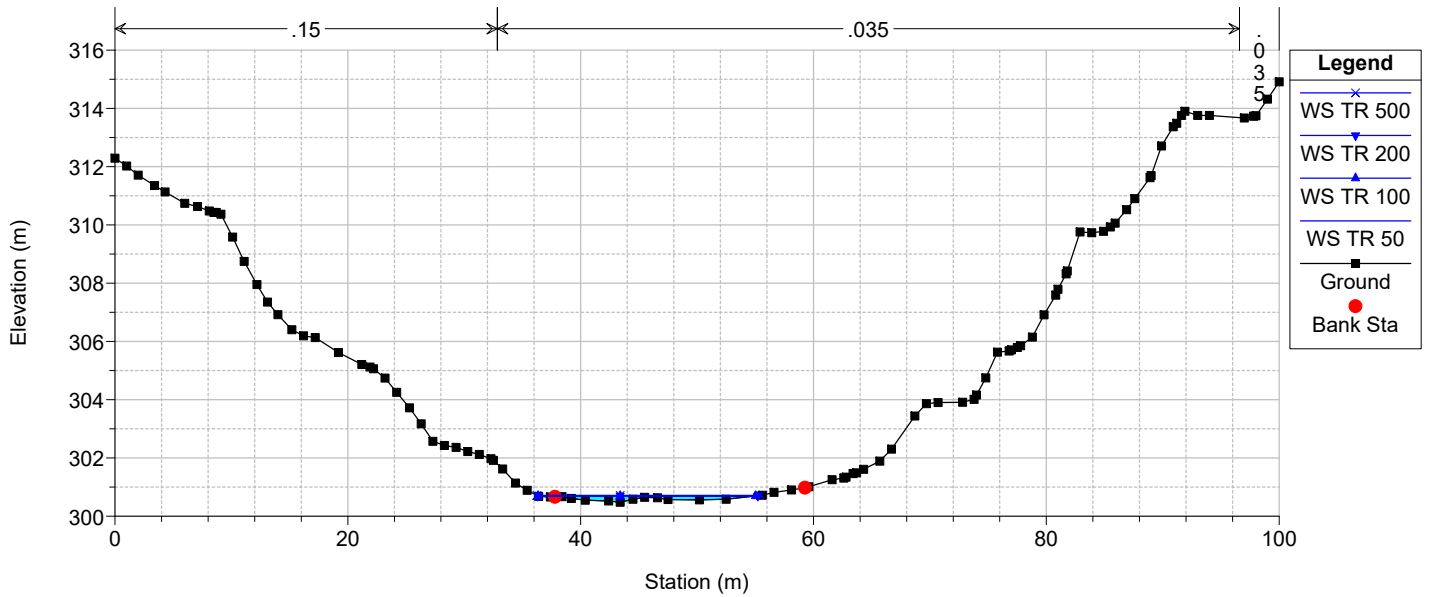
River = asta 2 Reach = 2 RS = 794.6816 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

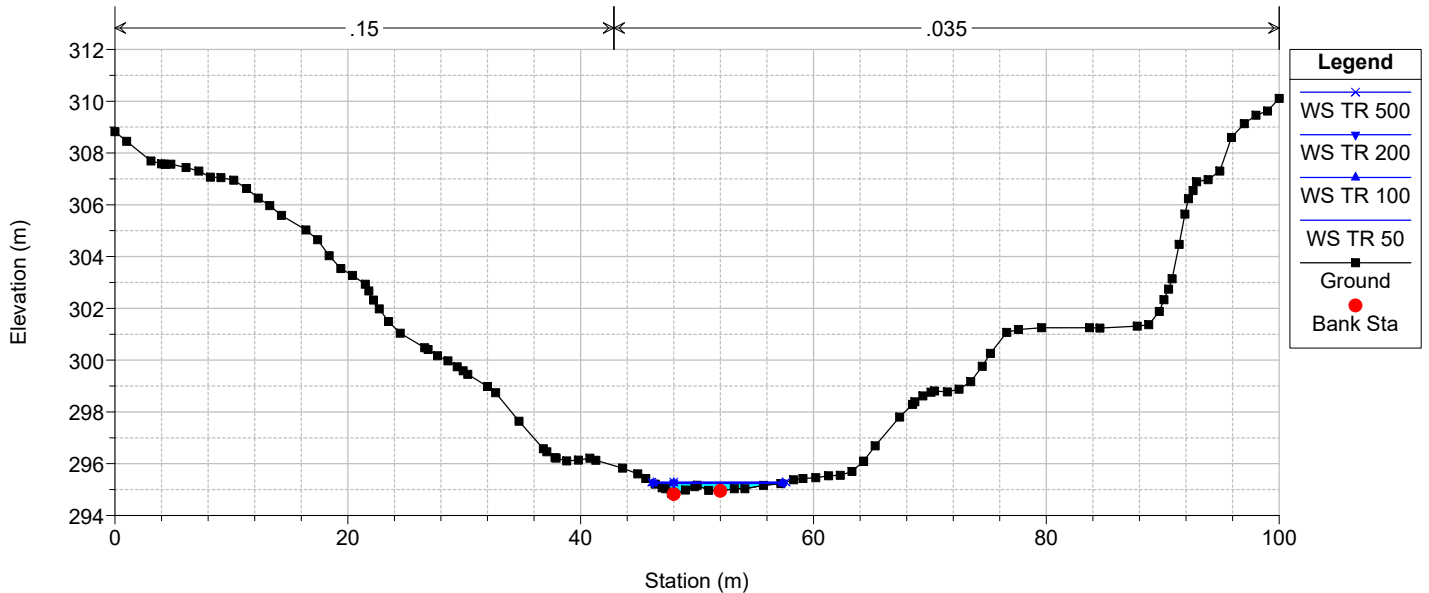
River = asta 2 Reach = 2 RS = 744.6816 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

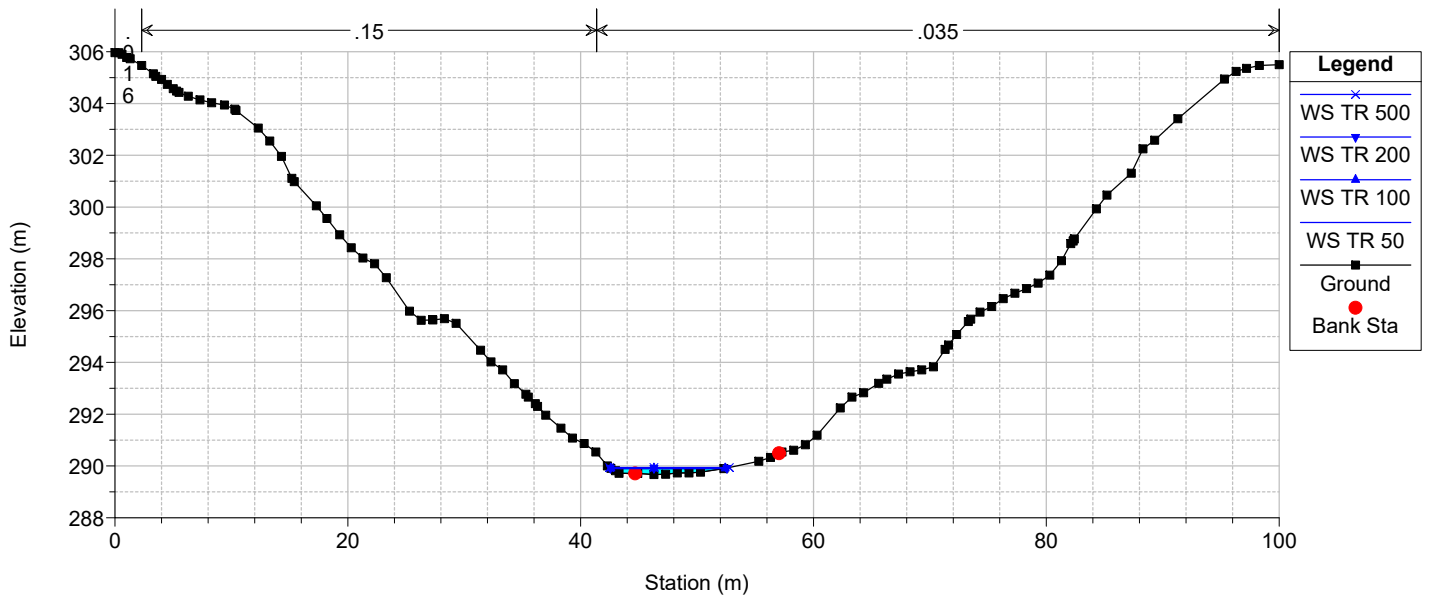
River = asta 2 Reach = 2 RS = 694.6816 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

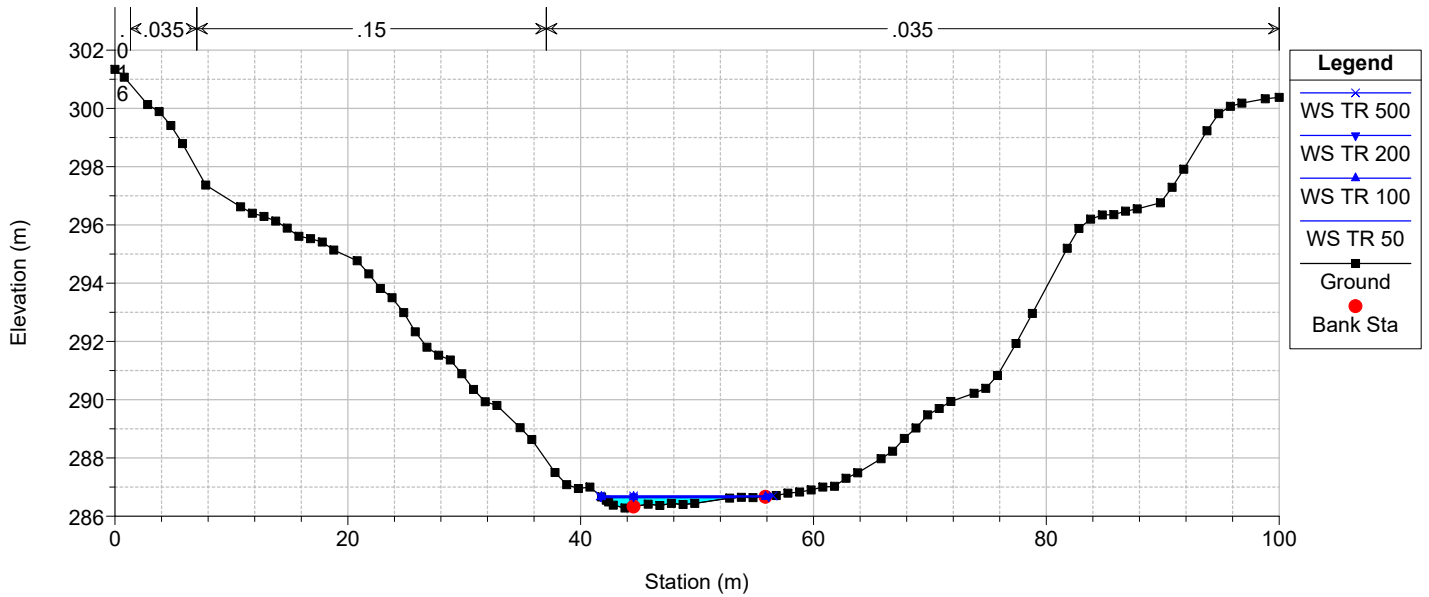
River = asta 2 Reach = 2 RS = 644.6816 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

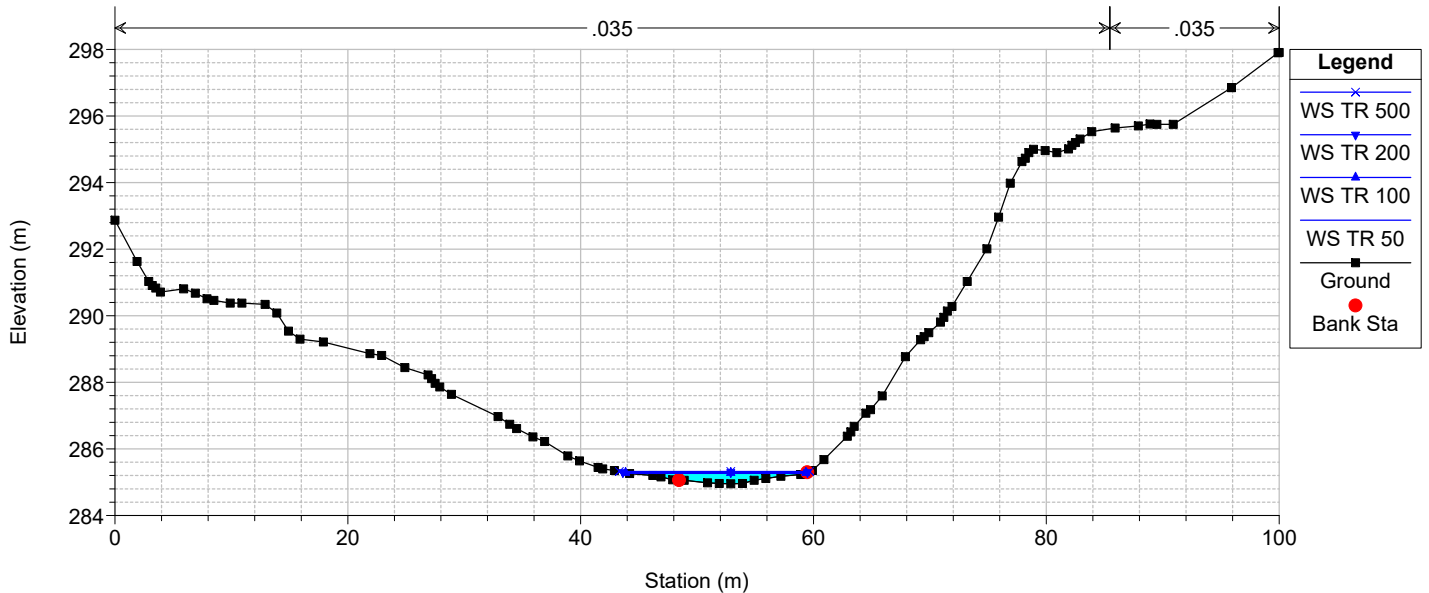
River = asta 2 Reach = 2 RS = 604.5028 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

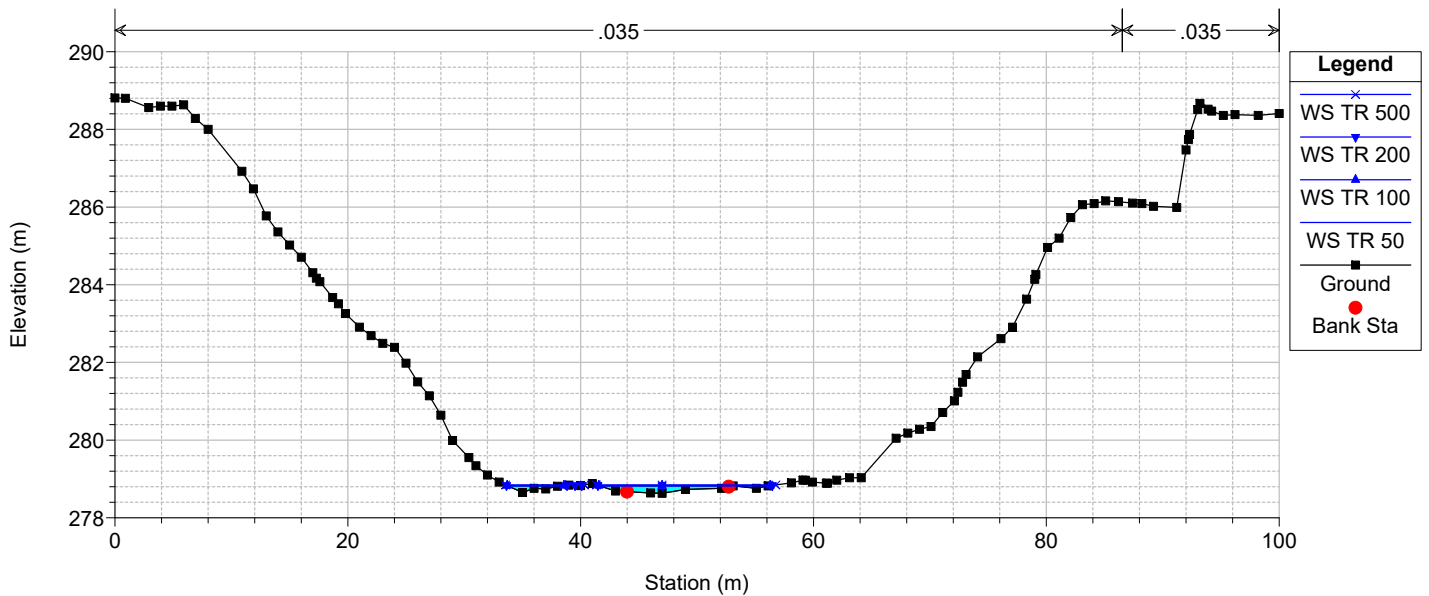
River = asta 2 Reach = 2 RS = 574.6647 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

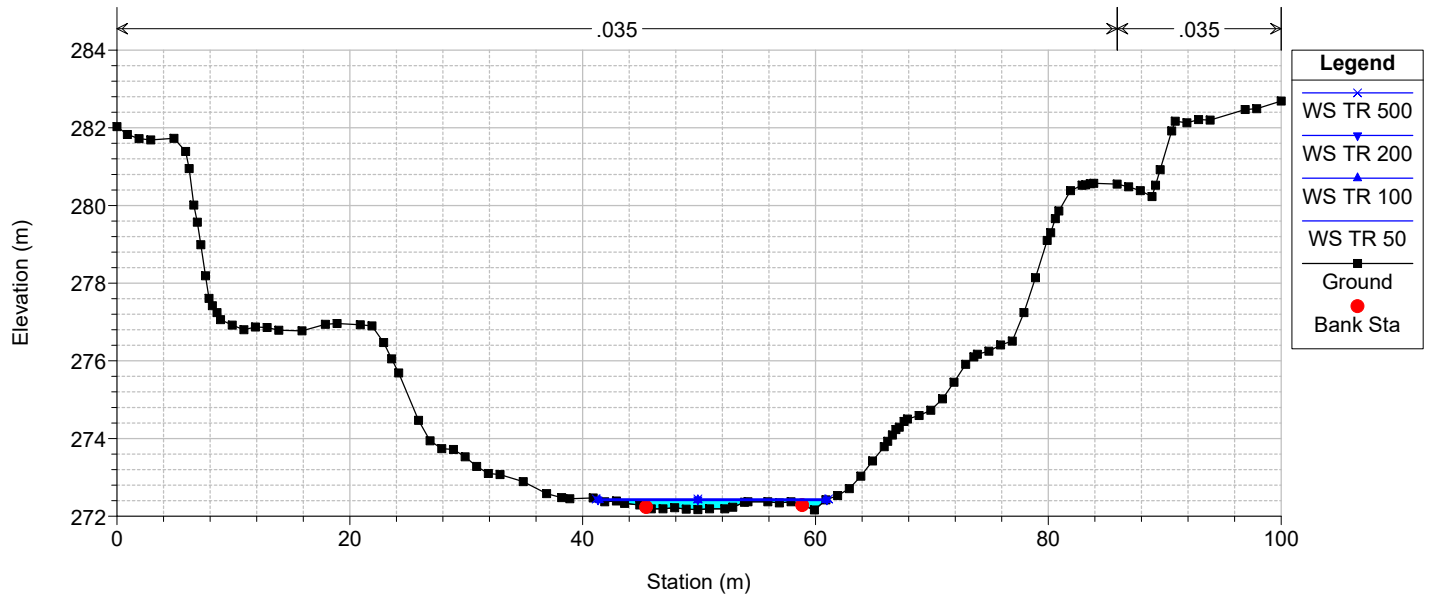
River = asta 2 Reach = 2 RS = 501.3845 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

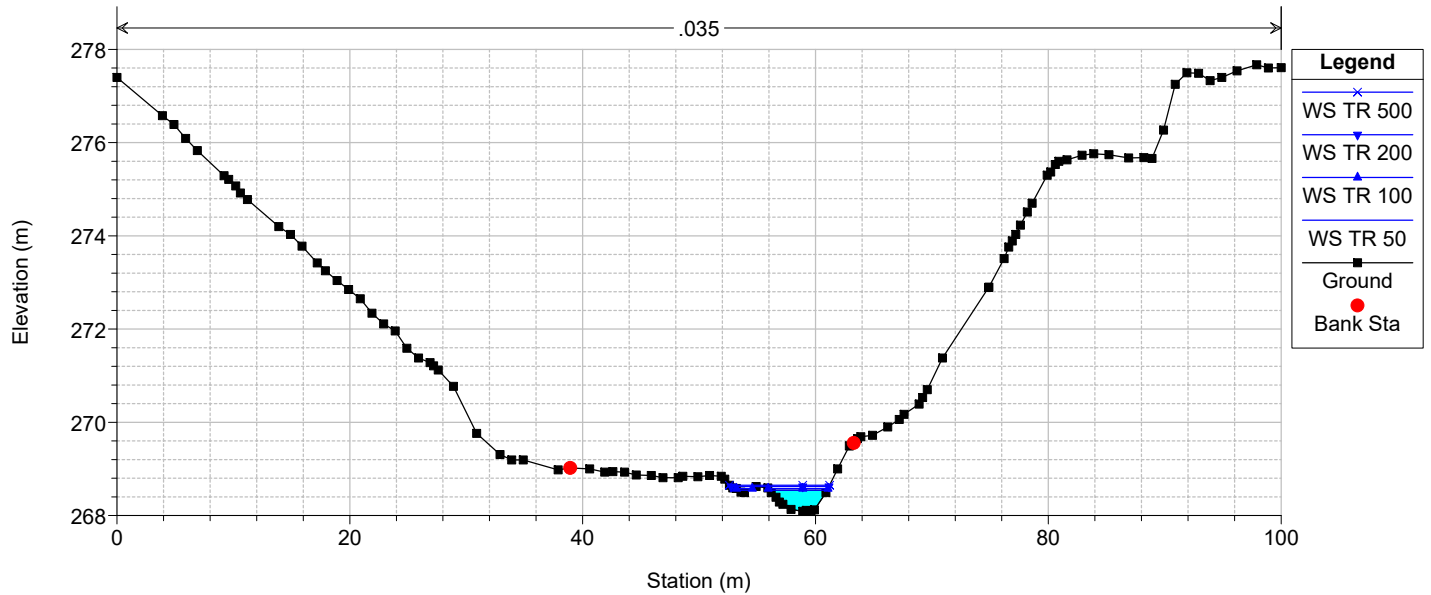
River = asta 2 Reach = 2 RS = 444.6816 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

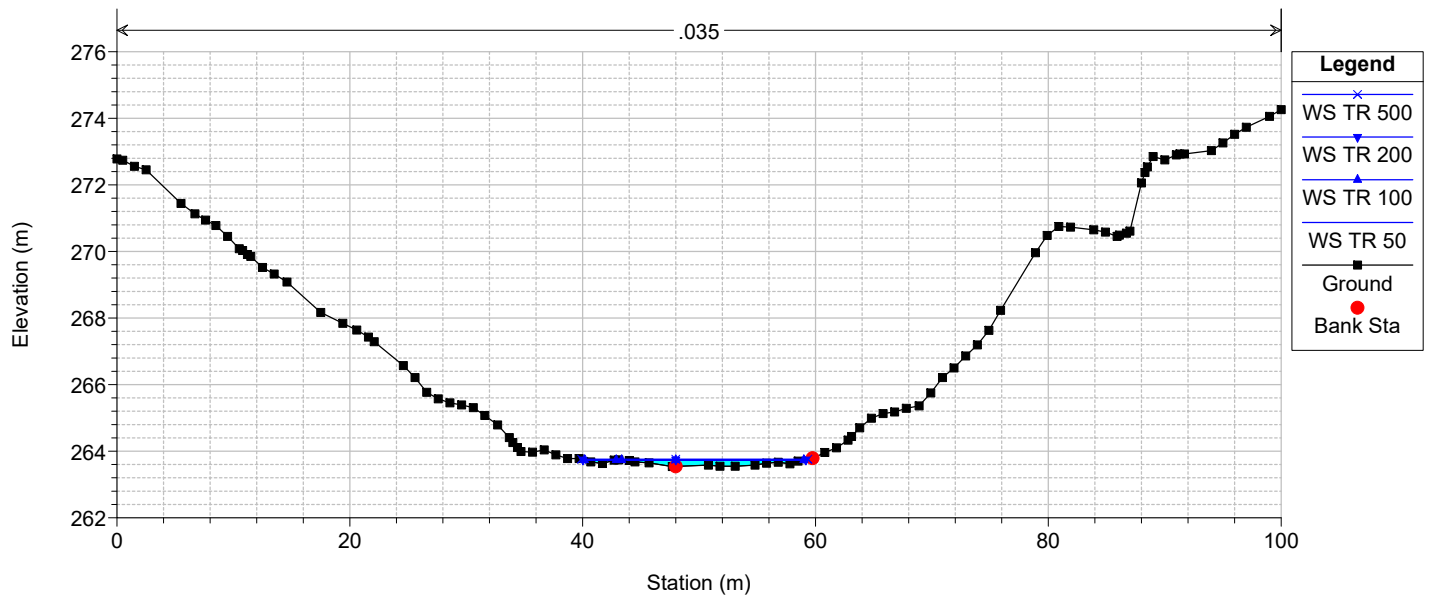
River = asta 2 Reach = 2 RS = 394.6816 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

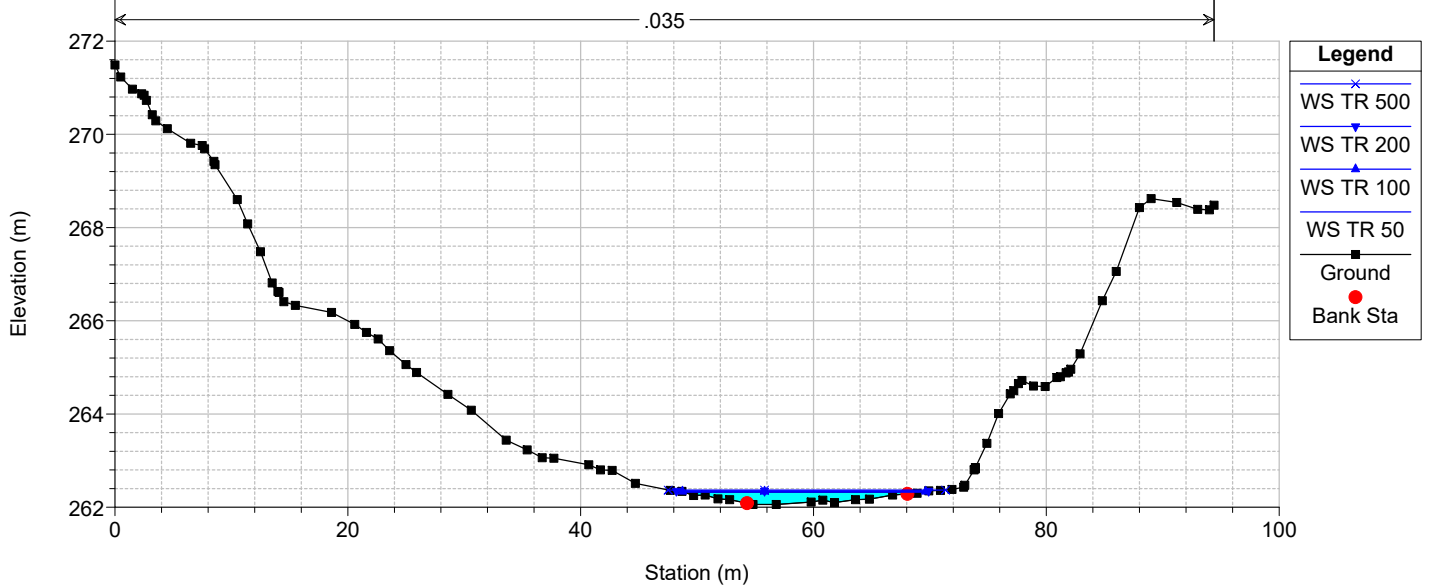
River = asta 2 Reach = 2 RS = 344.6816 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

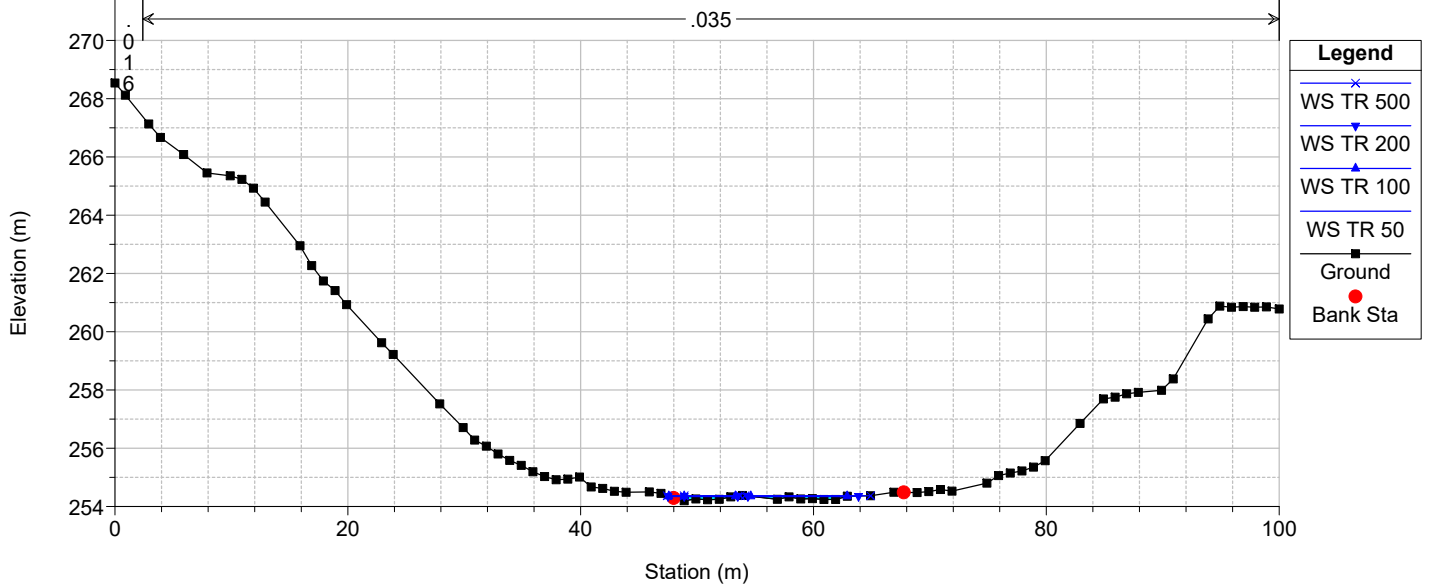
River = asta 2 Reach = 2 RS = 317.4320 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

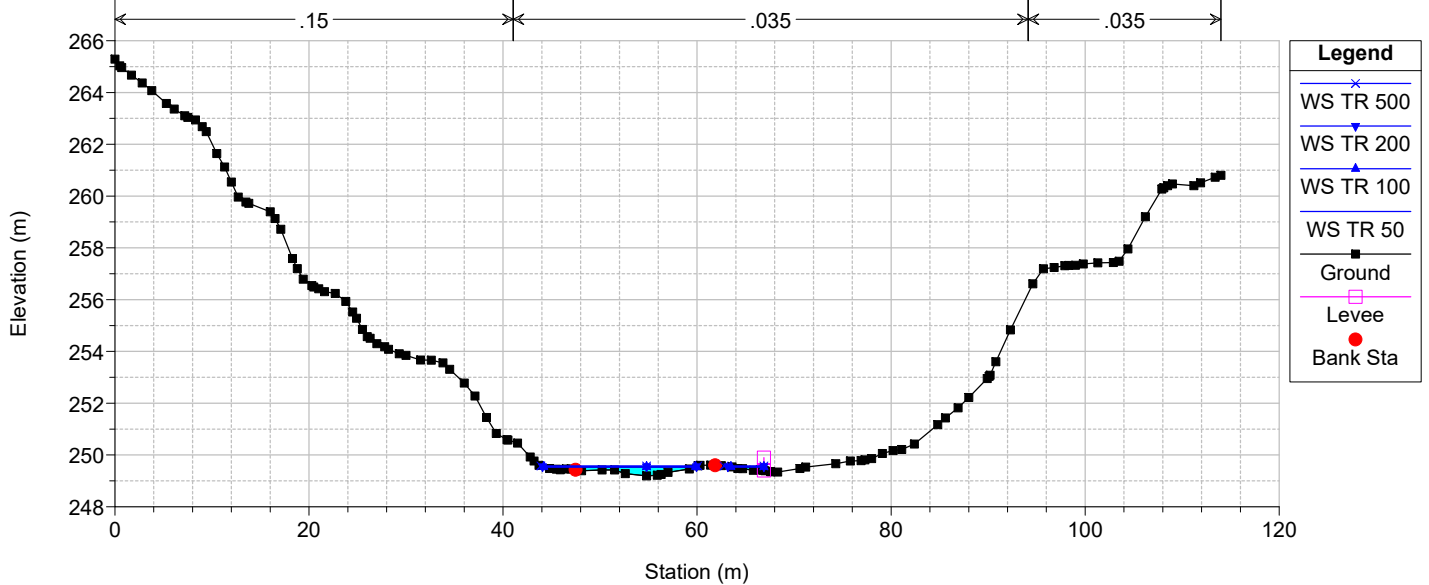
River = asta 2 Reach = 2 RS = 244.6816 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

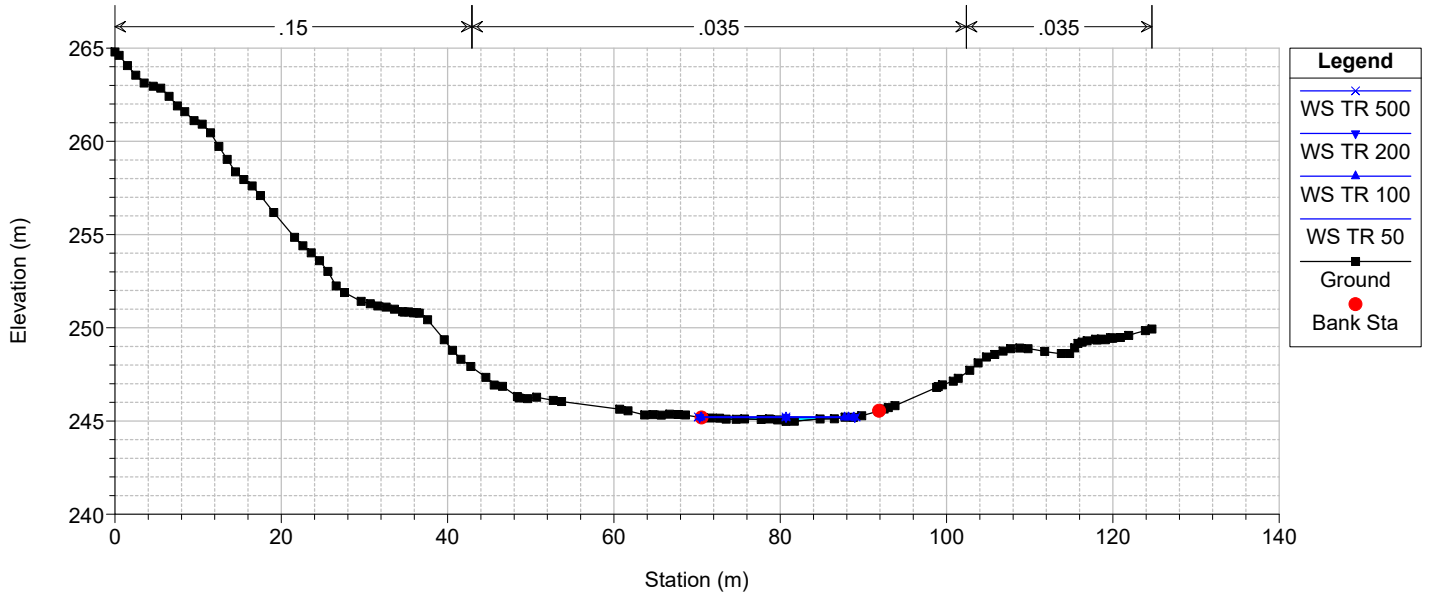
River = asta 2 Reach = 2 RS = 197.3391 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

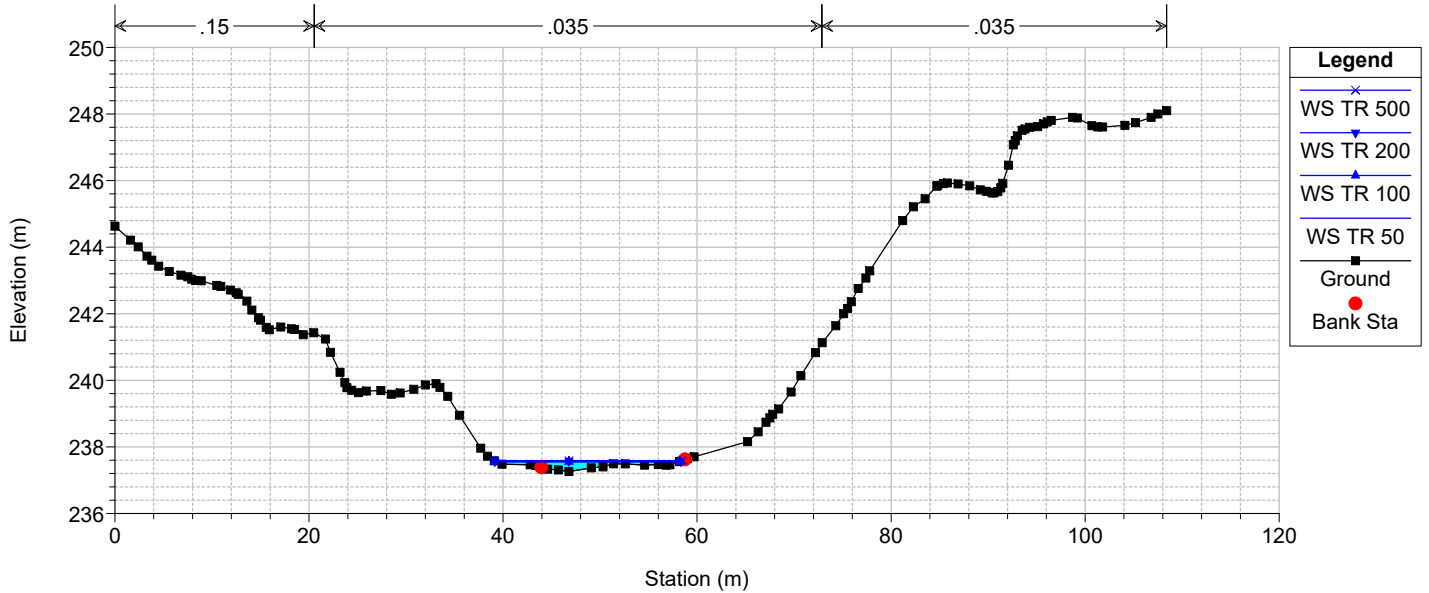
River = asta 2 Reach = 2 RS = 152.4680 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

River = asta 2 Reach = 2 RS = 92.51194 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI

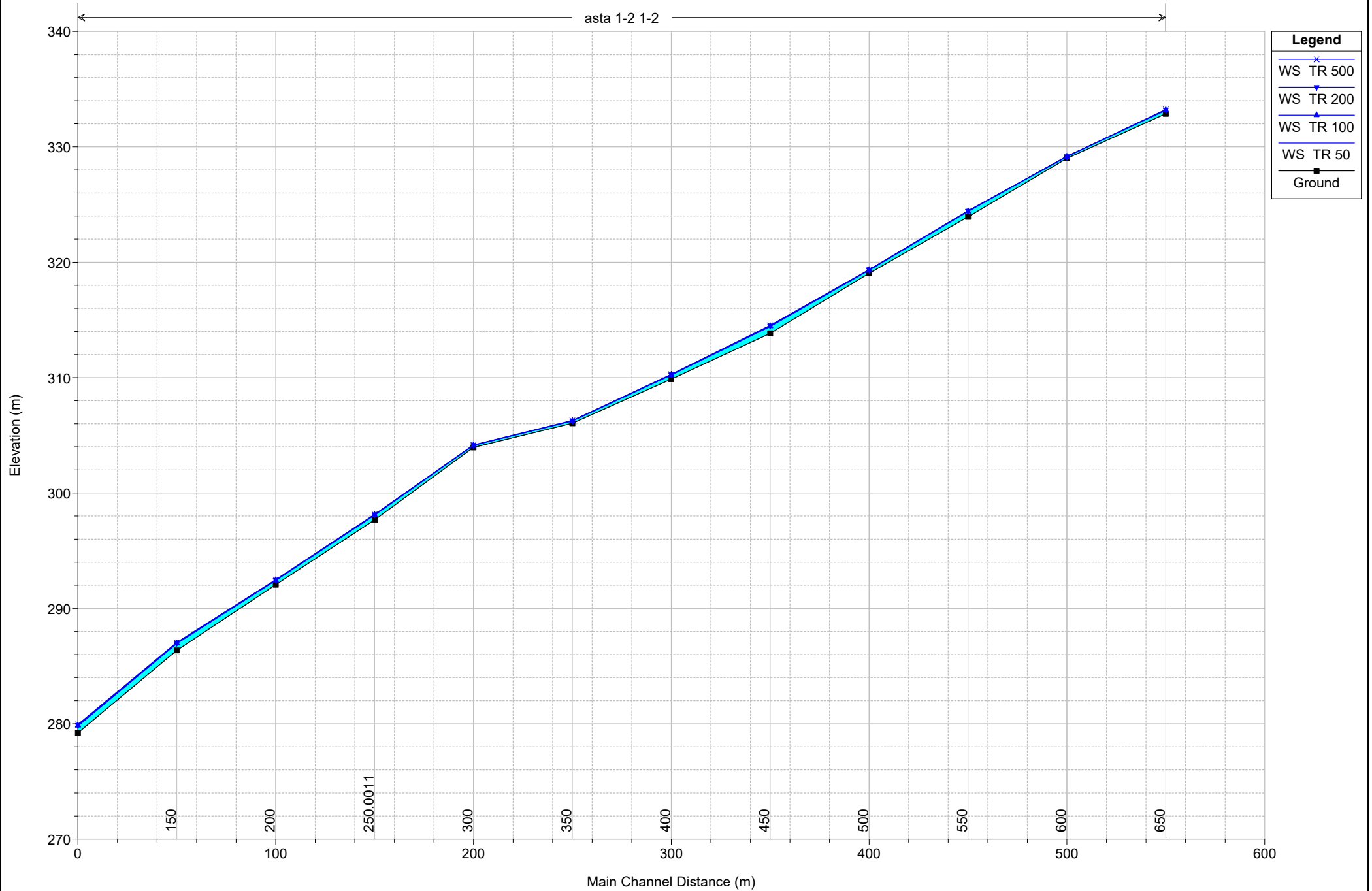


Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
2	1042.236	TR 50	5.00	330.62	330.90	330.90	331.00	0.019961	1.45	3.59	18.02	1.00
2	1042.236	TR 100	5.71	330.62	330.92	330.92	331.03	0.019241	1.50	3.97	18.49	0.99
2	1042.236	TR 200	6.45	330.62	330.94	330.94	331.06	0.019011	1.55	4.33	18.95	1.00
2	1042.236	TR 500	7.49	330.62	330.97	330.97	331.09	0.017601	1.59	4.92	19.69	0.97
2	994.6815	TR 50	5.00	325.69	325.90	326.07	327.90	1.067052	6.27	0.81	10.23	6.39
2	994.6815	TR 100	5.71	325.69	325.91	326.09	327.97	1.060564	6.39	0.93	11.71	6.40
2	994.6815	TR 200	6.45	325.69	325.92	326.11	328.05	1.061700	6.52	1.05	12.92	6.44
2	994.6815	TR 500	7.49	325.69	325.93	326.13	328.24	1.111365	6.81	1.19	13.65	6.62
2	944.6816	TR 50	5.00	318.96	319.31	319.42	319.65	0.059147	2.61	2.00	10.08	1.73
2	944.6816	TR 100	5.71	318.96	319.33	319.45	319.70	0.059414	2.72	2.20	10.52	1.76
2	944.6816	TR 200	6.45	318.96	319.35	319.47	319.74	0.059573	2.83	2.40	10.95	1.78
2	944.6816	TR 500	7.49	318.96	319.37	319.50	319.80	0.059735	2.97	2.67	11.42	1.80
2	894.6816	TR 50	5.00	314.11	314.39	314.50	314.76	0.189857	2.86	2.12	10.81	2.14
2	894.6816	TR 100	5.71	314.11	314.41	314.53	314.82	0.187766	2.99	2.31	11.19	2.17
2	894.6816	TR 200	6.45	314.11	314.43	314.56	314.85	0.188703	3.03	2.56	12.26	2.20
2	894.6816	TR 500	7.49	314.11	314.45	314.60	314.93	0.185201	3.24	2.79	12.57	2.25
2	844.6816	TR 50	5.00	309.49	309.70	309.75	309.86	0.059052	1.71	2.82	21.87	1.56
2	844.6816	TR 100	5.71	309.49	309.71	309.76	309.88	0.059779	1.81	3.07	22.36	1.59
2	844.6816	TR 200	6.45	309.49	309.72	309.79	309.91	0.059682	1.89	3.34	22.86	1.61
2	844.6816	TR 500	7.49	309.49	309.73	309.79	309.94	0.060923	1.96	3.71	24.26	1.63
2	794.6816	TR 50	5.00	306.41	306.55	306.60	306.71	0.069184	1.74	2.83	24.92	1.66
2	794.6816	TR 100	5.71	306.41	306.56	306.61	306.74	0.068404	1.84	3.10	25.49	1.68
2	794.6816	TR 200	6.45	306.41	306.57	306.63	306.76	0.068591	1.94	3.36	26.33	1.70
2	794.6816	TR 500	7.49	306.41	306.58	306.65	306.79	0.067307	2.05	3.72	27.19	1.72
2	744.6816	TR 50	5.00	300.48	300.69	300.79	301.10	0.211884	2.87	1.76	18.45	2.87
2	744.6816	TR 100	5.71	300.48	300.69	300.80	301.15	0.212956	3.01	1.92	18.68	2.91
2	744.6816	TR 200	6.45	300.48	300.70	300.82	301.20	0.209741	3.13	2.09	18.92	2.92
2	744.6816	TR 500	7.49	300.48	300.71	300.85	301.27	0.212387	3.31	2.30	19.22	2.98
2	694.6816	TR 50	5.00	294.83	295.23	295.33	295.56	0.067795	2.80	2.03	10.91	1.85
2	694.6816	TR 100	5.71	294.83	295.25	295.36	295.61	0.067667	2.93	2.22	11.10	1.87
2	694.6816	TR 200	6.45	294.83	295.27	295.38	295.66	0.068138	3.06	2.39	11.27	1.89
2	694.6816	TR 500	7.49	294.83	295.29	295.41	295.72	0.067745	3.22	2.65	11.52	1.91
2	644.6816	TR 50	5.00	289.67	289.90	290.05	290.47	0.167454	3.40	1.48	9.57	2.74
2	644.6816	TR 100	5.71	289.67	289.91	290.07	290.54	0.166220	3.54	1.63	9.81	2.76
2	644.6816	TR 200	6.45	289.67	289.93	290.10	290.60	0.163217	3.67	1.77	10.02	2.77
2	644.6816	TR 500	7.49	289.67	289.94	290.13	290.69	0.162321	3.85	1.97	10.28	2.79
2	604.5028	TR 50	5.00	286.33	286.64	286.72	286.90	0.052841	2.08	2.24	11.45	1.57
2	604.5028	TR 100	5.71	286.33	286.66	286.74	286.93	0.053588	1.98	2.60	14.09	1.56
2	604.5028	TR 200	6.45	286.33	286.68	286.76	286.97	0.054543	2.10	2.80	14.40	1.60
2	604.5028	TR 500	7.49	286.33	286.70	286.79	287.02	0.055305	2.27	3.07	14.83	1.63
2	574.6647	TR 50	5.00	284.95	285.27	285.32	285.47	0.042530	2.05	2.60	15.10	1.44
2	574.6647	TR 100	5.71	284.95	285.28	285.34	285.50	0.042221	2.14	2.86	15.48	1.45
2	574.6647	TR 200	6.45	284.95	285.30	285.37	285.53	0.041739	2.21	3.12	15.86	1.46
2	574.6647	TR 500	7.49	284.95	285.32	285.40	285.58	0.041410	2.33	3.46	16.33	1.48
2	501.3845	TR 50	5.00	278.63	278.82	278.93	279.31	0.235167	3.34	1.67	18.83	3.10
2	501.3845	TR 100	5.71	278.63	278.83	278.94	279.36	0.236099	3.51	1.84	19.58	3.14
2	501.3845	TR 200	6.45	278.63	278.83	278.96	279.42	0.239239	3.68	2.00	20.77	3.20
2	501.3845	TR 500	7.49	278.63	278.85	278.97	279.48	0.240806	3.90	2.26	22.20	3.25
2	444.6816	TR 50	5.00	272.17	272.41	272.47	272.62	0.069346	2.07	2.51	19.30	1.74
2	444.6816	TR 100	5.71	272.17	272.42	272.49	272.65	0.069411	2.18	2.73	19.46	1.76
2	444.6816	TR 200	6.45	272.17	272.43	272.51	272.68	0.069148	2.28	2.96	19.66	1.78
2	444.6816	TR 500	7.49	272.17	272.44	272.53	272.72	0.069107	2.42	3.26	19.96	1.81
2	394.6816	TR 50	5.00	268.09	268.54	268.70	269.05	0.072188	3.15	1.59	5.90	1.94
2	394.6816	TR 100	5.71	268.09	268.58	268.73	269.10	0.071584	3.19	1.79	6.48	1.94
2	394.6816	TR 200	6.45	268.09	268.62	268.76	269.09	0.073510	3.05	2.12	8.41	1.94
2	394.6816	TR 500	7.49	268.09	268.65	268.86	269.17	0.072220	3.19	2.35	8.60	1.95
2	344.6816	TR 50	5.00	263.54	263.72	263.82	264.08	0.142051	2.77	1.94	17.39	2.45
2	344.6816	TR 100	5.71	263.54	263.73	263.84	264.12	0.144325	2.92	2.13	18.37	2.49
2	344.6816	TR 200	6.45	263.54	263.75	263.85	264.15	0.138211	2.99	2.36	19.15	2.47
2	344.6816	TR 500	7.49	263.54	263.76	263.88	264.21	0.142738	3.17	2.59	19.43	2.54
2	317.4320	TR 50	5.00	262.06	262.32	262.34	262.45	0.030752	1.63	3.25	20.44	1.21
2	317.4320	TR 100	5.71	262.06	262.34	262.37	262.47	0.030847	1.72	3.54	20.88	1.23
2	317.4320	TR 200	6.45	262.06	262.35	262.39	262.50	0.031492	1.81	3.83	21.68	1.25
2	317.4320	TR 500	7.49	262.06	262.37	262.41	262.54	0.031494	1.92	4.27	23.82	1.27
2	244.6816	TR 50	5.00	254.20	254.34	254.50	255.74	1.124752	5.25	0.96	13.51	6.24
2	244.6816	TR 100	5.71	254.20	254.35	254.52	255.80	1.054581	5.35	1.07	14.00	6.12
2	244.6816	TR 200	6.45	254.20	254.36	254.54	255.78	0.990520	5.30	1.22	15.49	5.96

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)	
2	244.6816	TR 500	7.49	254.20	254.37	254.56	255.83	0.970221	5.37	1.40	17.08	5.94
2	197.3391	TR 50	5.00	249.19	249.53	249.59	249.71	0.042702	1.94	2.80	18.62	1.43
2	197.3391	TR 100	5.71	249.19	249.55	249.61	249.74	0.043449	2.04	3.06	19.04	1.45
2	197.3391	TR 200	6.45	249.19	249.56	249.63	249.77	0.043667	2.12	3.33	19.58	1.47
2	197.3391	TR 500	7.49	249.19	249.58	249.65	249.81	0.043920	2.23	3.69	20.28	1.49
2	152.4680	TR 50	5.00	244.98	245.18	245.30	245.69	0.285168	3.15	1.59	16.92	3.28
2	152.4680	TR 100	5.71	244.98	245.20	245.31	245.72	0.272894	3.21	1.78	17.90	3.24
2	152.4680	TR 200	6.45	244.98	245.21	245.33	245.76	0.266489	3.30	1.95	18.65	3.24
2	152.4680	TR 500	7.49	244.98	245.22	245.36	245.83	0.256726	3.46	2.17	18.95	3.23
2	92.51194	TR 50	5.00	237.26	237.55	237.62	237.77	0.074217	2.15	2.45	18.79	1.80
2	92.51194	TR 100	5.71	237.26	237.56	237.64	237.81	0.075878	2.26	2.65	18.98	1.84
2	92.51194	TR 200	6.45	237.26	237.57	237.65	237.84	0.076856	2.37	2.85	19.16	1.87
2	92.51194	TR 500	7.49	237.26	237.59	237.68	237.89	0.078569	2.52	3.12	19.37	1.91

26-11-2012 Plan: 05022021 2/11/2021

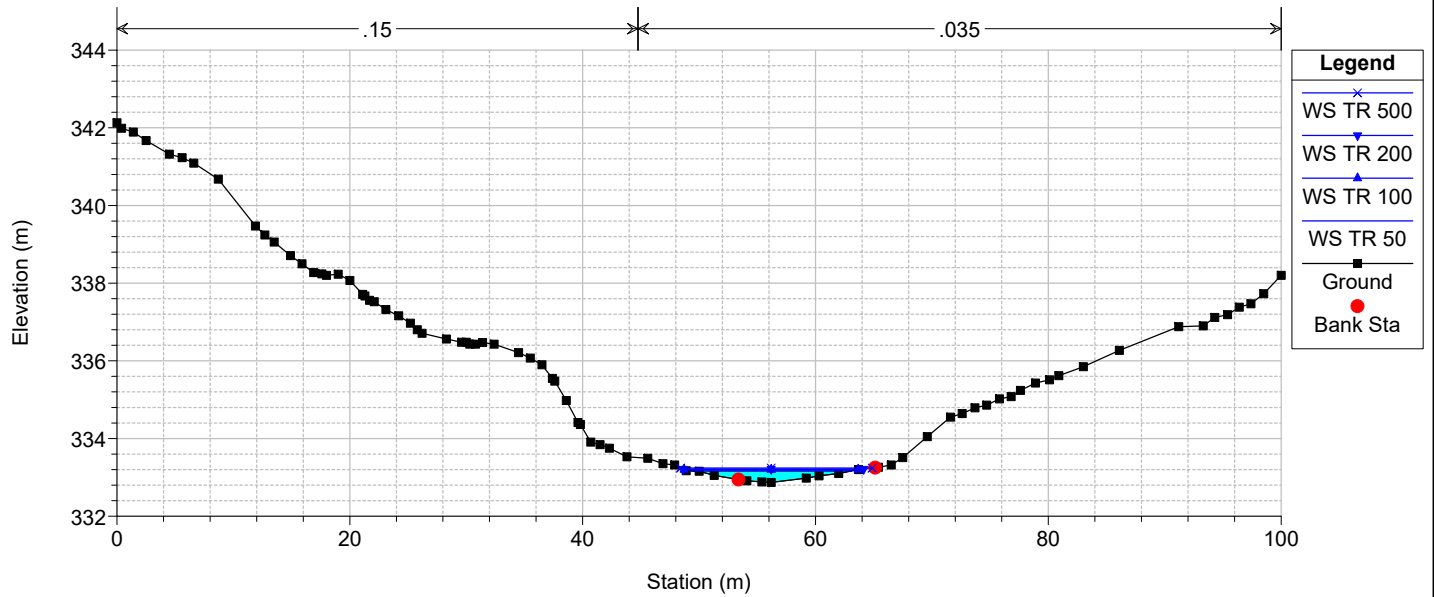
Geom: 05022021 Flow: 05022021 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

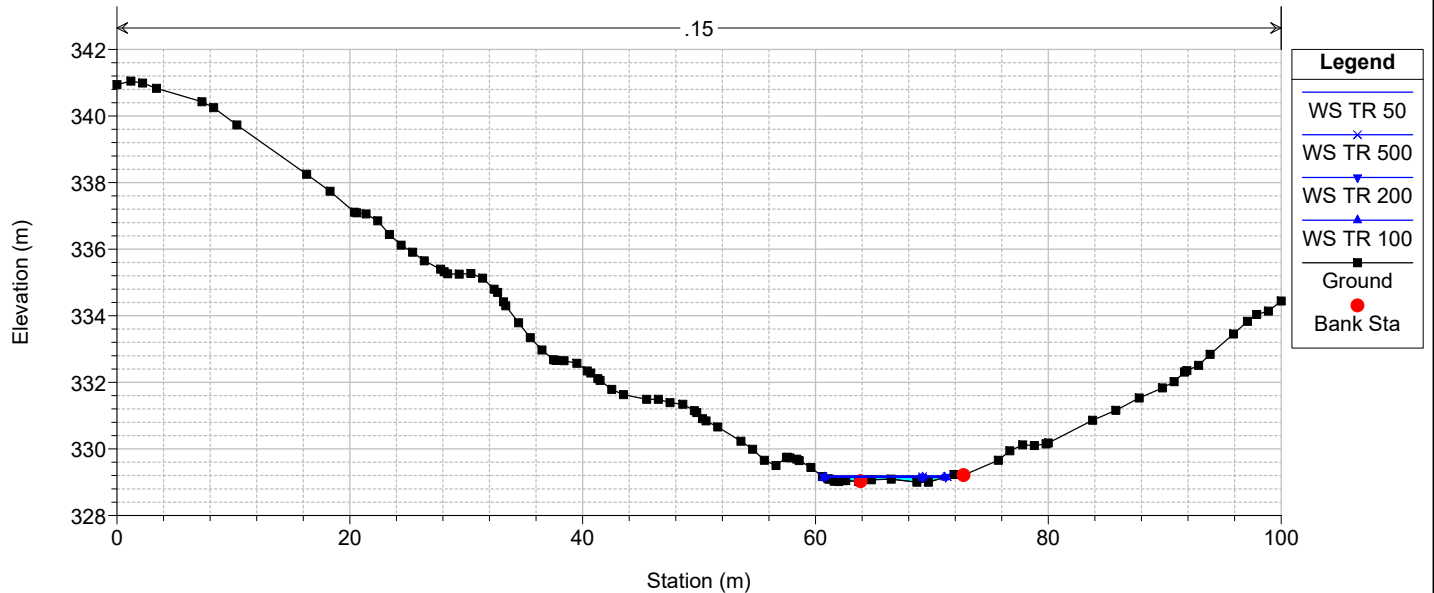
River = asta 1-2 Reach = 1-2 RS = 650 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

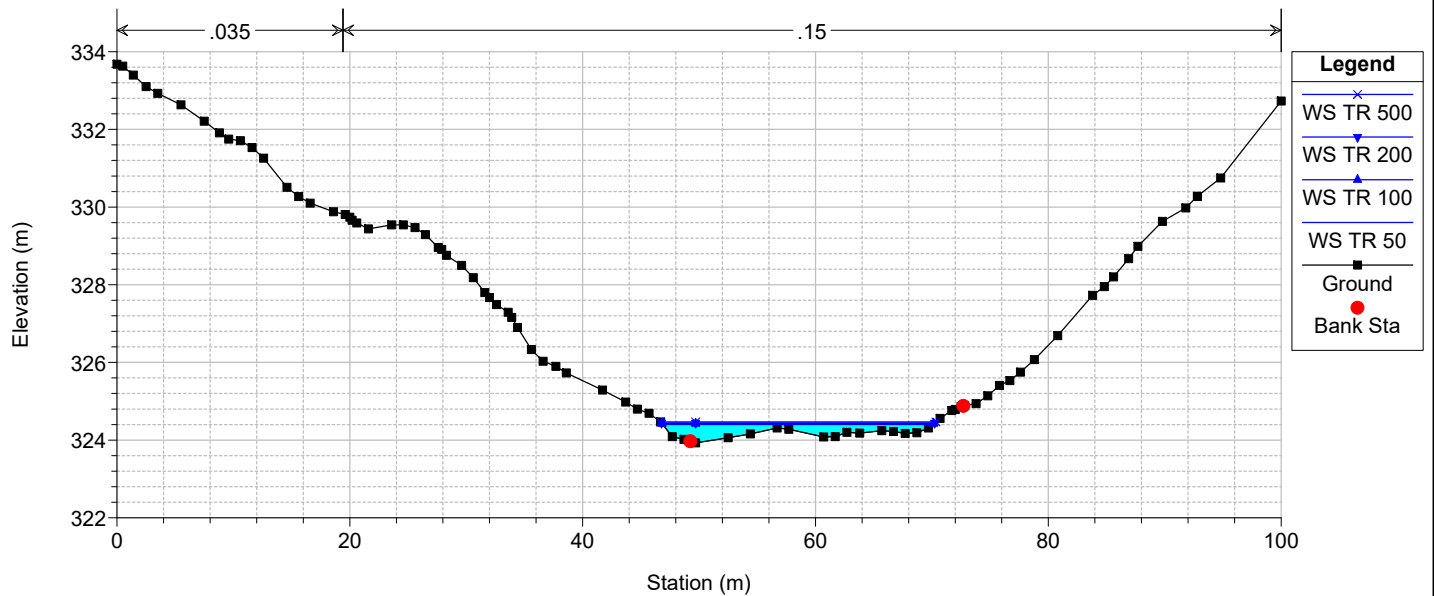
River = asta 1-2 Reach = 1-2 RS = 600 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

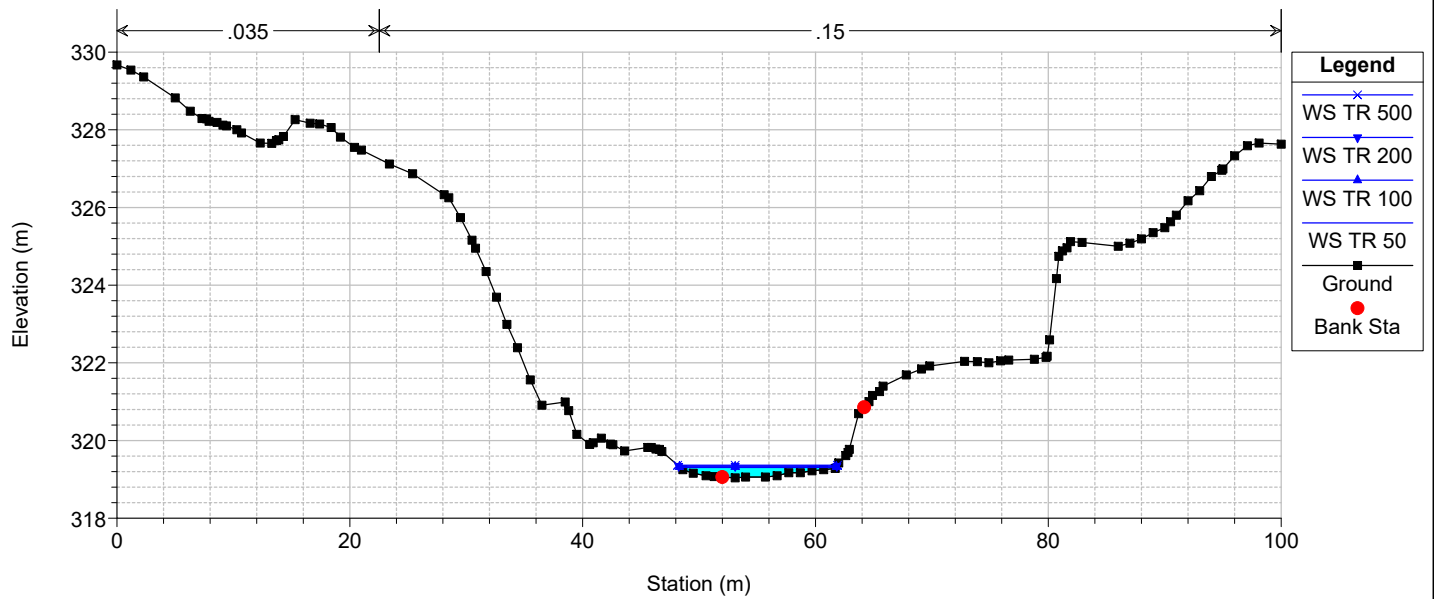
River = asta 1-2 Reach = 1-2 RS = 550 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

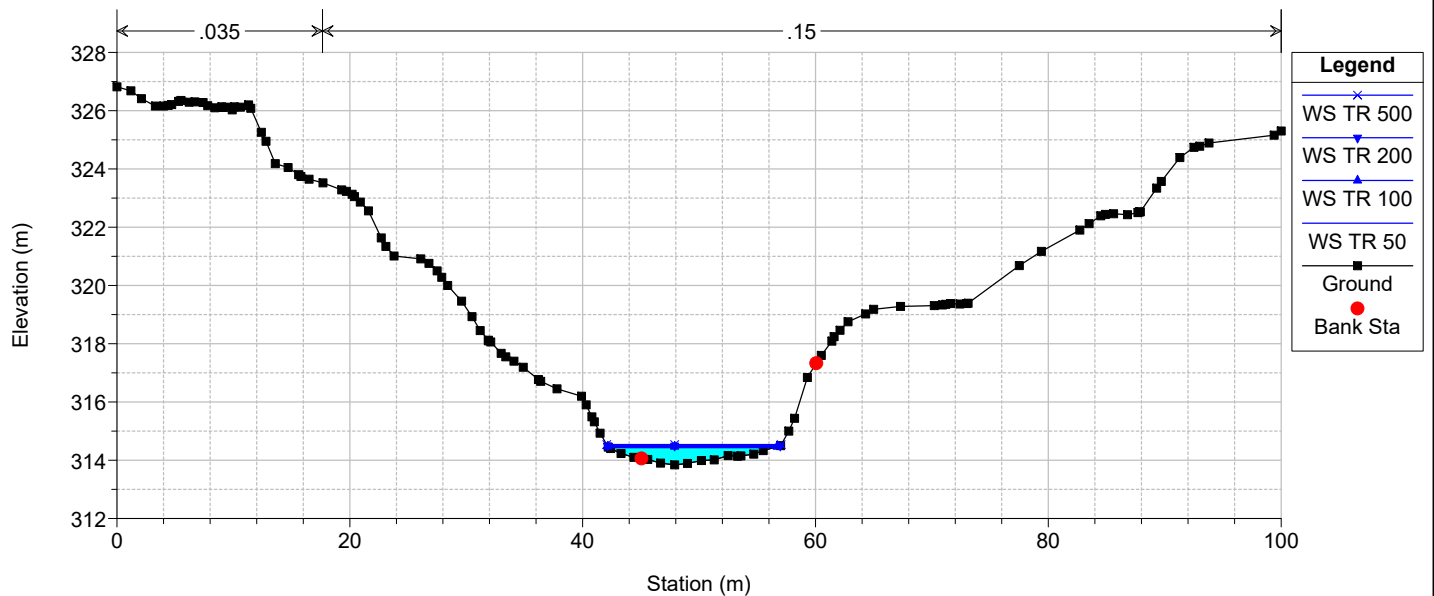
River = asta 1-2 Reach = 1-2 RS = 500 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

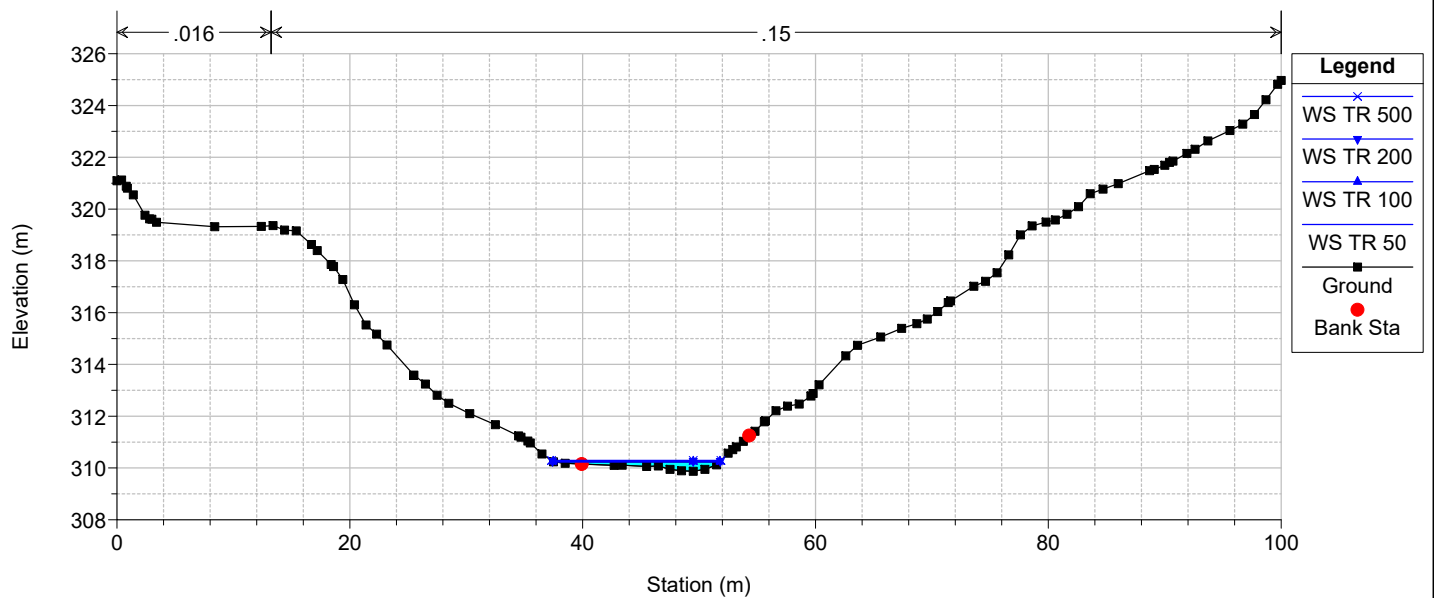
River = asta 1-2 Reach = 1-2 RS = 450 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

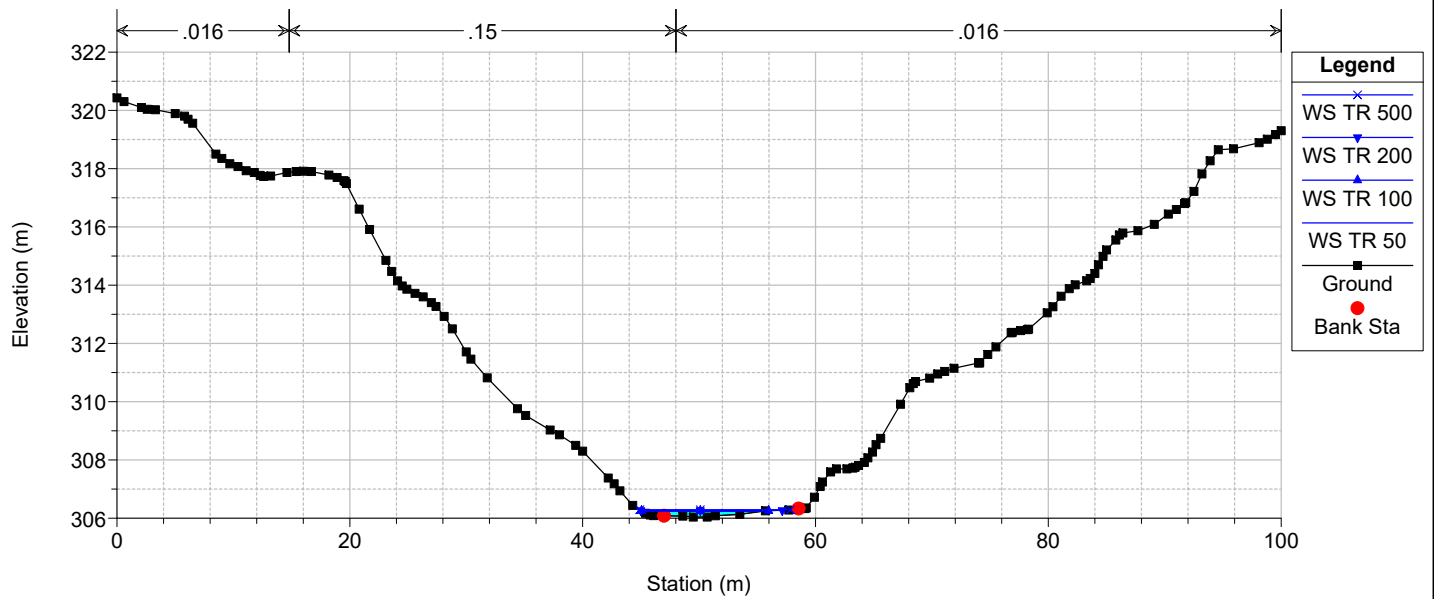
River = asta 1-2 Reach = 1-2 RS = 400 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

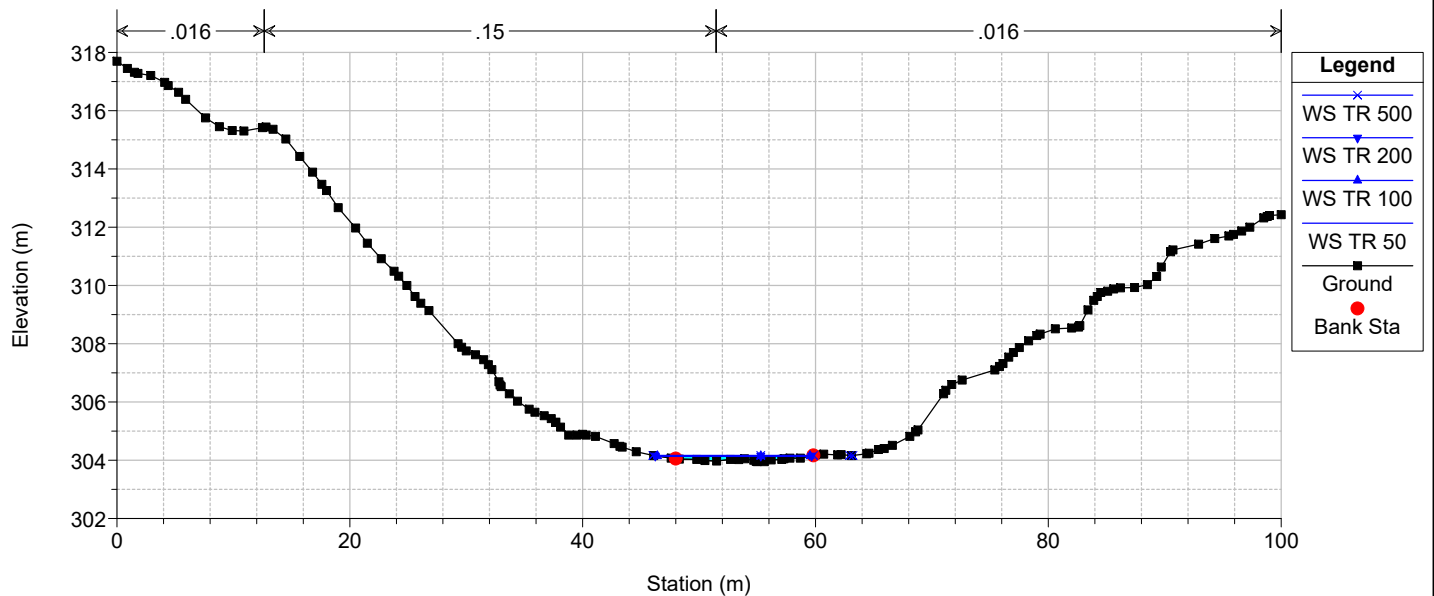
River = asta 1-2 Reach = 1-2 RS = 350 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

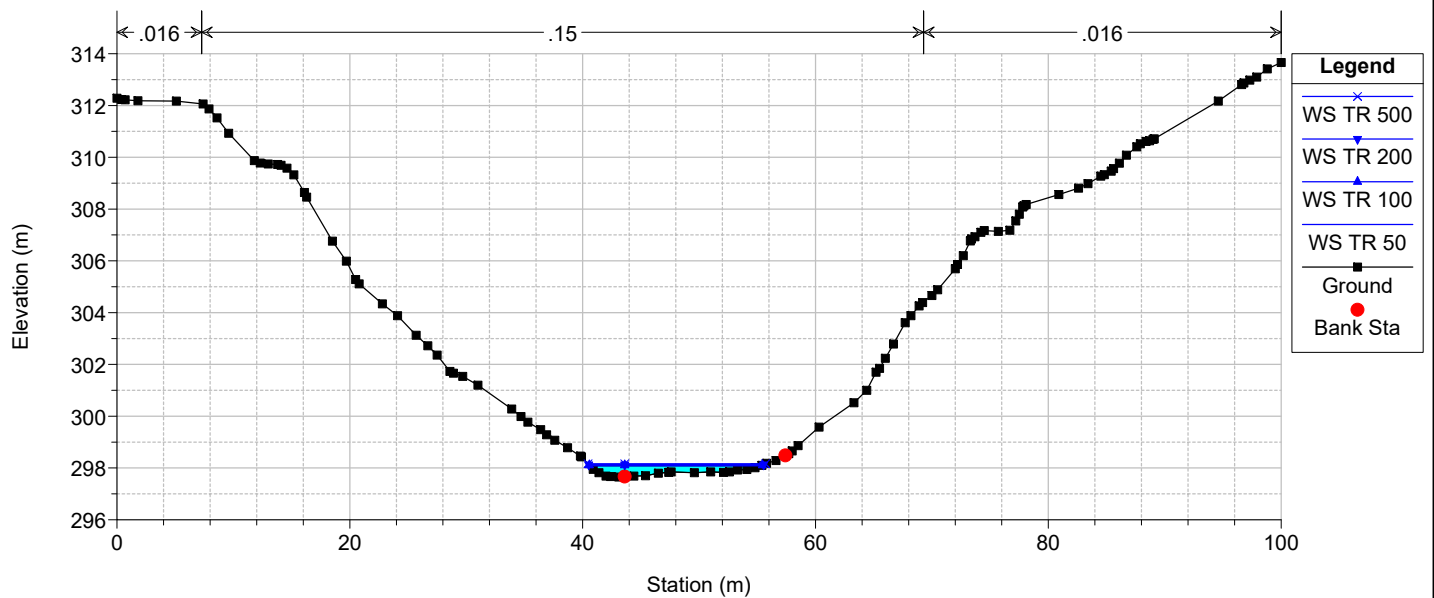
River = asta 1-2 Reach = 1-2 RS = 300 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

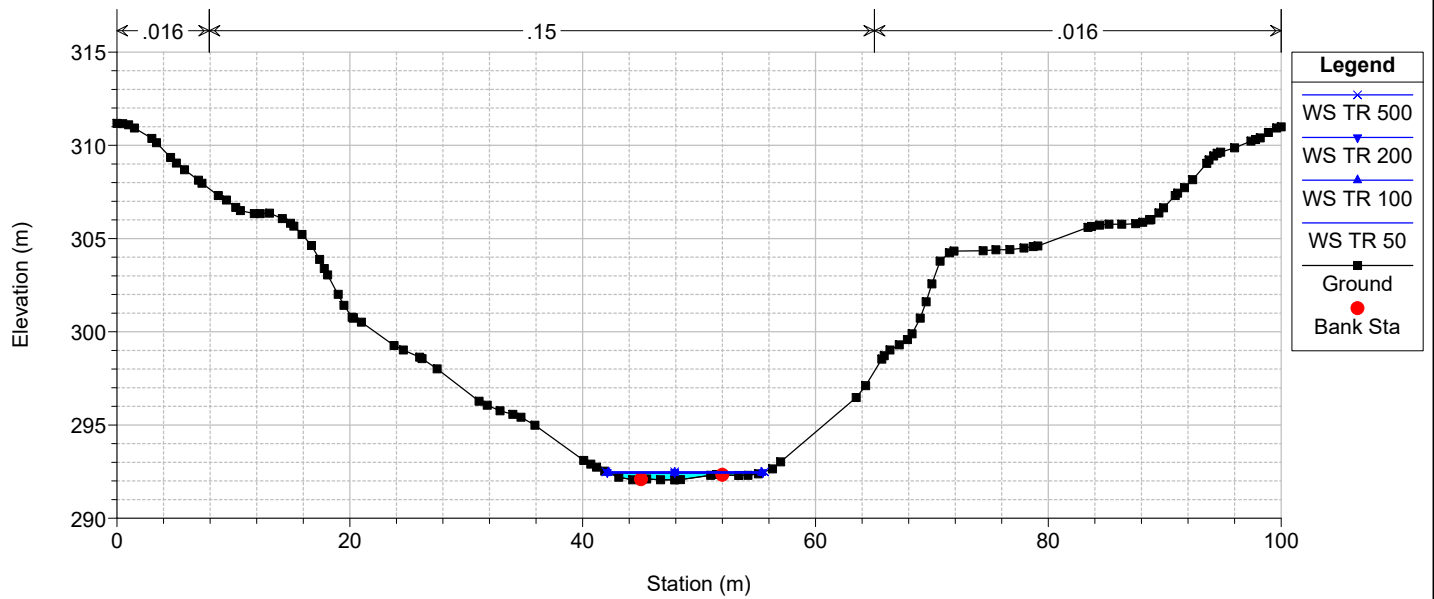
River = asta 1-2 Reach = 1-2 RS = 250.0011 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

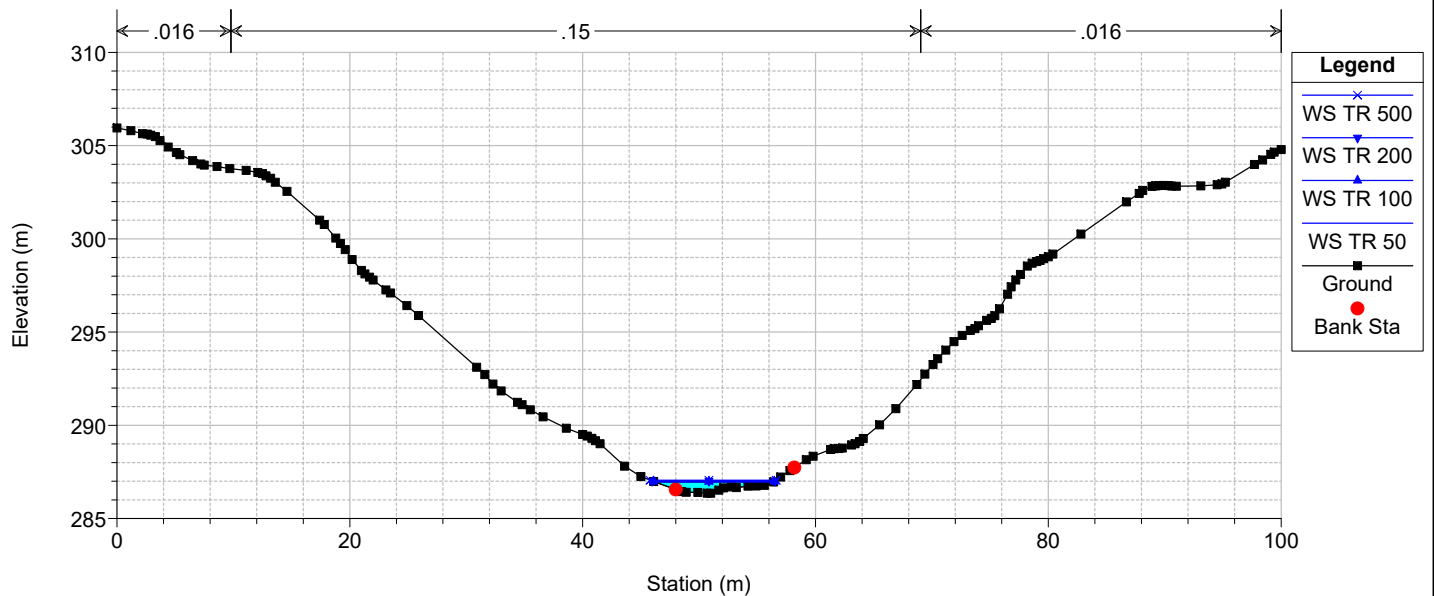
River = asta 1-2 Reach = 1-2 RS = 200 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

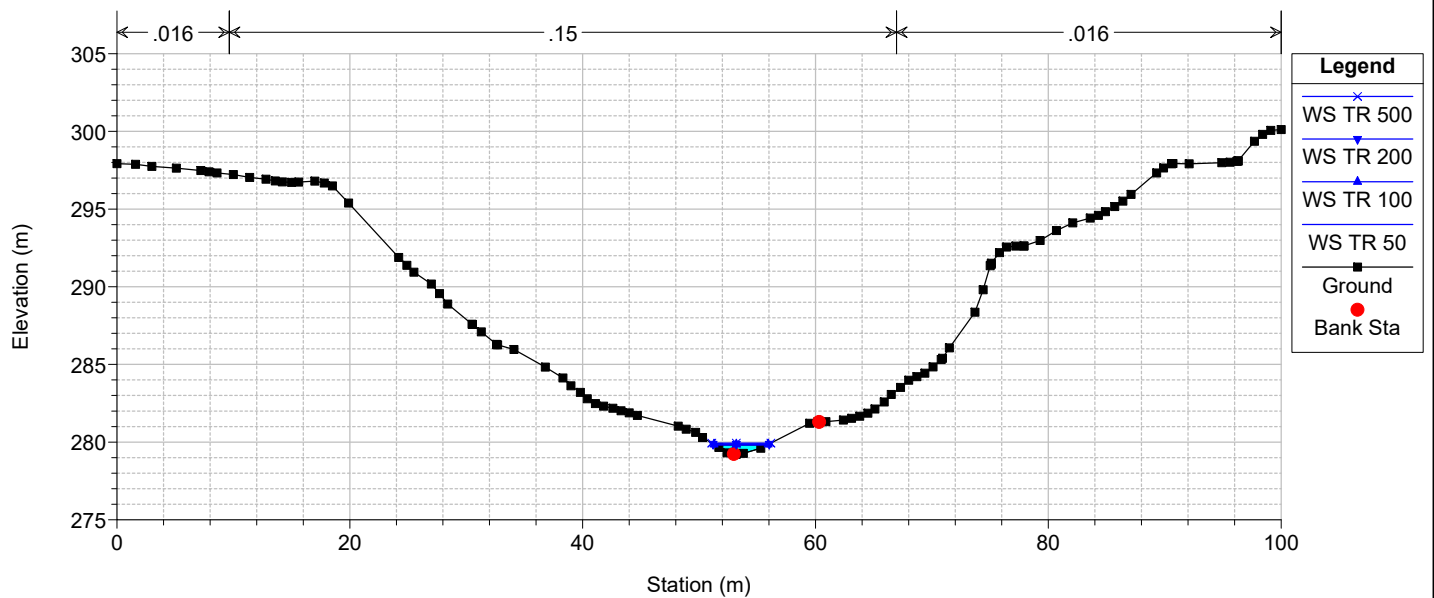
River = asta 1-2 Reach = 1-2 RS = 150 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

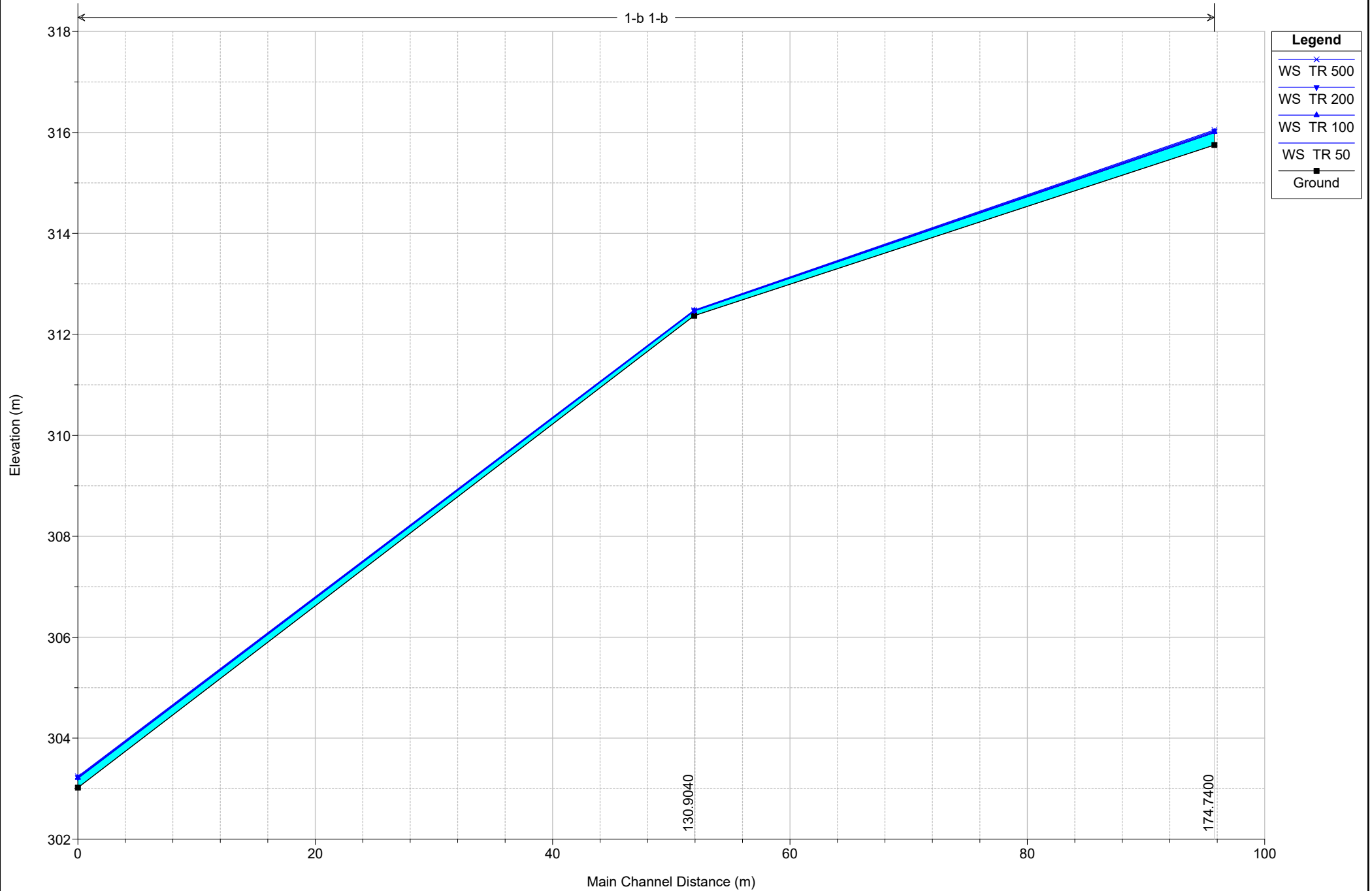
River = asta 1-2 Reach = 1-2 RS = 100 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



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
1-2	650	TR 50	3.11	332.87	333.17	333.17	333.27	0.023724	1.45	2.28	13.74	1.06
1-2	650	TR 100	3.56	332.87	333.20	333.20	333.29	0.018691	1.38	2.75	14.95	0.96
1-2	650	TR 200	4.03	332.87	333.22	333.22	333.31	0.018760	1.42	3.01	15.53	0.97
1-2	650	TR 500	4.71	332.87	333.24	333.24	333.34	0.018311	1.45	3.42	16.43	0.97
1-2	600	TR 50	3.11	329.00	329.19	329.26	329.44	1.722218	2.21	1.40	10.94	1.98
1-2	600	TR 100	3.56	329.00	329.15	329.28	329.83	6.992494	3.62	0.98	10.33	3.79
1-2	600	TR 200	4.03	329.00	329.16	329.30	329.86	6.359750	3.68	1.09	10.51	3.67
1-2	600	TR 500	4.71	329.00	329.17	329.32	329.96	6.457056	3.92	1.20	10.68	3.75
1-2	550	TR 50	3.11	323.93	324.40	324.27	324.42	0.044426	0.54	5.67	23.18	0.35
1-2	550	TR 100	3.56	323.93	324.42	324.28	324.44	0.044857	0.57	6.15	23.32	0.36
1-2	550	TR 200	4.03	323.93	324.44	324.30	324.46	0.045164	0.60	6.62	23.45	0.36
1-2	550	TR 500	4.71	323.93	324.47	324.32	324.49	0.045715	0.64	7.28	23.64	0.37
1-2	500	TR 50	3.11	319.04	319.31	319.31	319.40	0.406466	1.33	2.34	13.38	1.01
1-2	500	TR 100	3.56	319.04	319.32	319.32	319.42	0.393750	1.39	2.57	13.48	1.01
1-2	500	TR 200	4.03	319.04	319.34	319.34	319.45	0.384380	1.45	2.80	13.58	1.01
1-2	500	TR 500	4.71	319.04	319.37	319.37	319.48	0.370676	1.52	3.12	13.72	1.01
1-2	450	TR 50	3.11	313.84	314.43	314.22	314.46	0.035497	0.66	4.94	14.16	0.34
1-2	450	TR 100	3.56	313.84	314.47	314.24	314.49	0.035842	0.68	5.40	14.53	0.35
1-2	450	TR 200	4.03	313.84	314.50	314.26	314.52	0.036175	0.71	5.86	14.85	0.35
1-2	450	TR 500	4.71	313.84	314.54	314.29	314.57	0.036567	0.76	6.45	14.98	0.36
1-2	400	TR 50	3.11	309.87	310.23	310.23	310.32	0.360988	1.33	2.40	14.14	0.97
1-2	400	TR 100	3.56	309.87	310.25	310.25	310.35	0.352623	1.39	2.65	14.32	0.97
1-2	400	TR 200	4.03	309.87	310.27	310.27	310.37	0.345105	1.45	2.89	14.42	0.97
1-2	400	TR 500	4.71	309.87	310.29	310.29	310.40	0.335981	1.52	3.22	14.55	0.97
1-2	350	TR 50	3.11	306.04	306.24	306.34	306.57	0.031286	2.57	1.42	10.39	2.20
1-2	350	TR 100	3.56	306.04	306.25	306.35	306.61	0.031398	2.66	1.57	10.92	2.22
1-2	350	TR 200	4.03	306.04	306.27	306.37	306.62	0.031680	2.66	1.77	12.16	2.22
1-2	350	TR 500	4.71	306.04	306.29	306.40	306.67	0.031791	2.76	1.99	12.93	2.25
1-2	300	TR 50	3.11	303.95	304.13	304.23	304.44	0.060782	2.48	1.31	12.85	2.40
1-2	300	TR 100	3.56	303.95	304.14	304.24	304.49	0.060369	2.60	1.44	13.12	2.42
1-2	300	TR 200	4.03	303.95	304.15	304.26	304.52	0.058421	2.70	1.58	13.43	2.41
1-2	300	TR 500	4.71	303.95	304.17	304.28	304.58	0.057607	2.84	1.77	14.07	2.43
1-2	250.0011	TR 50	3.11	297.67	298.08	297.98	298.12	0.079966	0.75	3.95	14.67	0.48
1-2	250.0011	TR 100	3.56	297.67	298.11	297.99	298.14	0.080863	0.80	4.29	14.86	0.49
1-2	250.0011	TR 200	4.03	297.67	298.13	298.01	298.17	0.081481	0.84	4.64	15.03	0.49
1-2	250.0011	TR 500	4.71	297.67	298.16	298.03	298.21	0.082254	0.90	5.11	15.25	0.50
1-2	200	TR 50	3.11	292.05	292.42	292.38	292.48	0.171510	1.15	2.90	13.00	0.71
1-2	200	TR 100	3.56	292.05	292.44	292.39	292.51	0.168815	1.20	3.19	13.19	0.71
1-2	200	TR 200	4.03	292.05	292.46	292.41	292.54	0.166661	1.26	3.48	13.37	0.72
1-2	200	TR 500	4.71	292.05	292.49	292.44	292.57	0.164510	1.32	3.88	13.62	0.72
1-2	150	TR 50	3.11	286.36	286.96		287.00	0.076437	0.94	3.44	10.17	0.50
1-2	150	TR 100	3.56	286.36	286.99		287.03	0.076986	0.99	3.75	10.38	0.50
1-2	150	TR 200	4.03	286.36	287.01		287.07	0.077496	1.03	4.06	10.57	0.51
1-2	150	TR 500	4.71	286.36	287.06		287.11	0.077920	1.09	4.49	10.83	0.52
1-2	100	TR 50	3.11	279.21	279.81	279.81	280.00	0.332914	1.96	1.63	4.45	1.02
1-2	100	TR 100	3.56	279.21	279.85	279.85	280.05	0.325307	2.02	1.81	4.64	1.02
1-2	100	TR 200	4.03	279.21	279.89	279.89	280.10	0.319211	2.08	1.99	4.82	1.02
1-2	100	TR 500	4.71	279.21	279.94	279.94	280.16	0.312117	2.16	2.25	5.07	1.02

26-11-2012 Plan: 05022021 2/11/2021

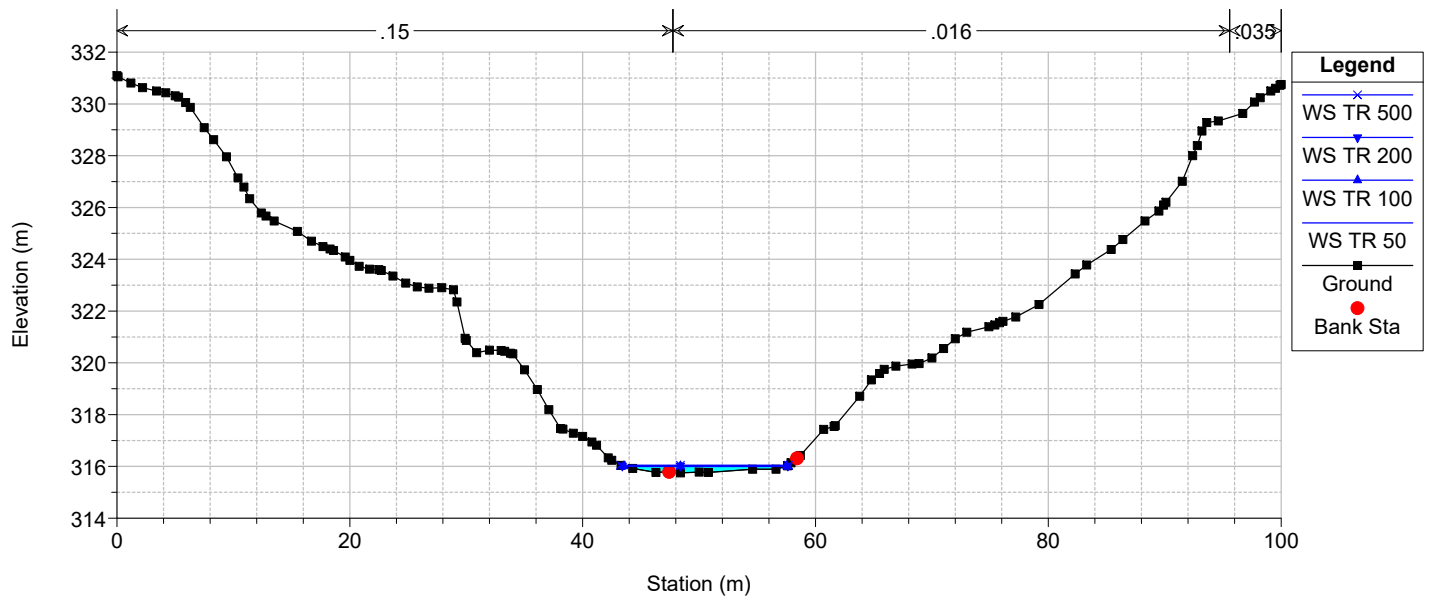
Geom: 05022021 Flow: 05022021 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

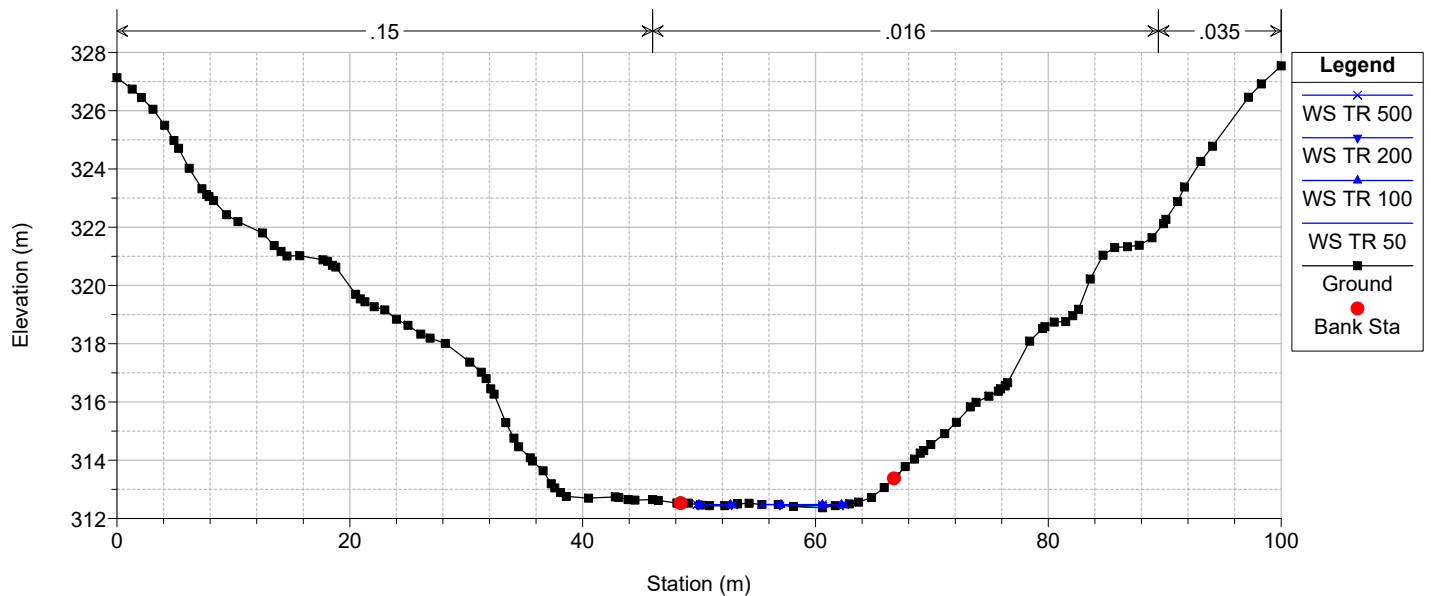
River = 1-b Reach = 1-b RS = 174.7400 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

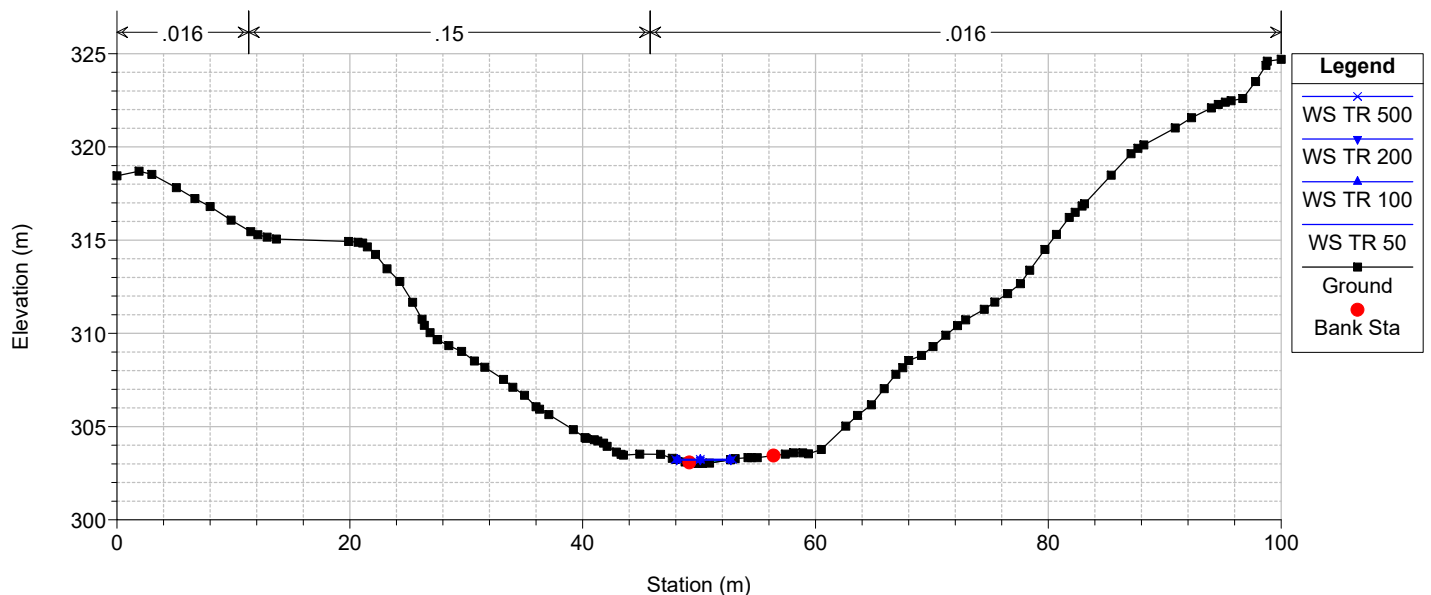
River = 1-b Reach = 1-b RS = 130.9040 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

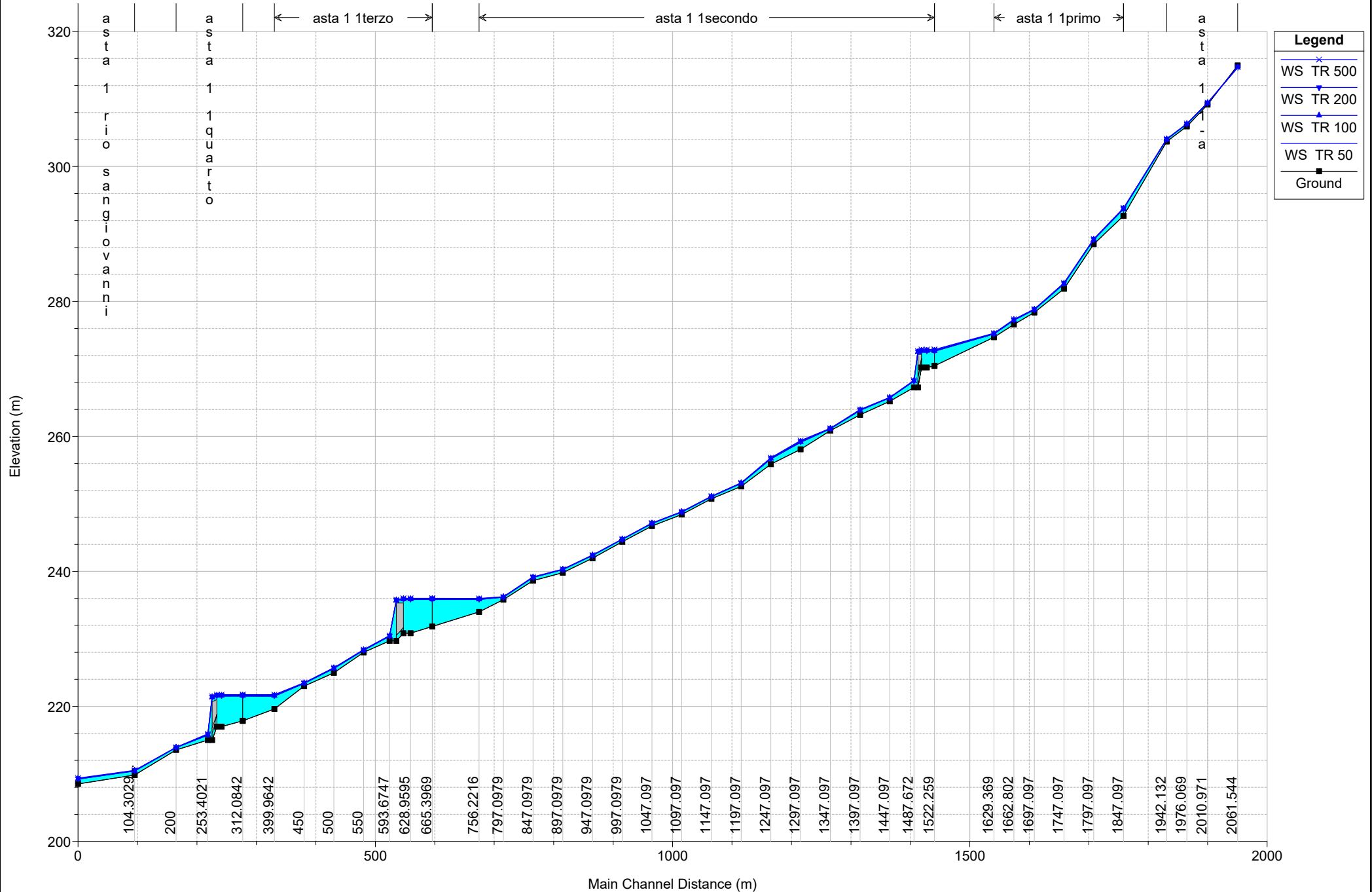
River = 1-b Reach = 1-b RS = 78.97647 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



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)	
1-b	174.7400	TR 50	2.22	315.75	316.00	316.00	316.08	0.005227	1.30	2.22	13.74	1.02
1-b	174.7400	TR 100	2.54	315.75	316.01	316.01	316.10	0.005100	1.36	2.44	14.00	1.02
1-b	174.7400	TR 200	2.88	315.75	316.03	316.03	316.13	0.004925	1.41	2.67	14.22	1.02
1-b	174.7400	TR 500	3.38	315.75	316.05	316.05	316.16	0.004813	1.49	2.97	14.41	1.03
1-b	130.9040	TR 50	2.22	312.37	312.46	312.59	315.04	0.899396	7.11	0.31	7.51	11.13
1-b	130.9040	TR 100	2.54	312.37	312.47	312.60	315.08	0.824050	7.16	0.35	7.90	10.79
1-b	130.9040	TR 200	2.88	312.37	312.47	312.61	315.13	0.762703	7.21	0.40	8.29	10.51
1-b	130.9040	TR 500	3.38	312.37	312.48	312.63	315.17	0.836151	7.27	0.46	10.24	10.89
1-b	78.97647	TR 50	2.22	303.02	303.20	303.38	304.23	0.085237	4.60	0.50	4.34	4.12
1-b	78.97647	TR 100	2.54	303.02	303.22	303.41	304.33	0.087116	4.81	0.55	4.51	4.20
1-b	78.97647	TR 200	2.88	303.02	303.23	303.43	304.44	0.088839	5.03	0.60	4.65	4.28
1-b	78.97647	TR 500	3.38	303.02	303.24	303.45	304.55	0.085672	5.22	0.68	4.86	4.26

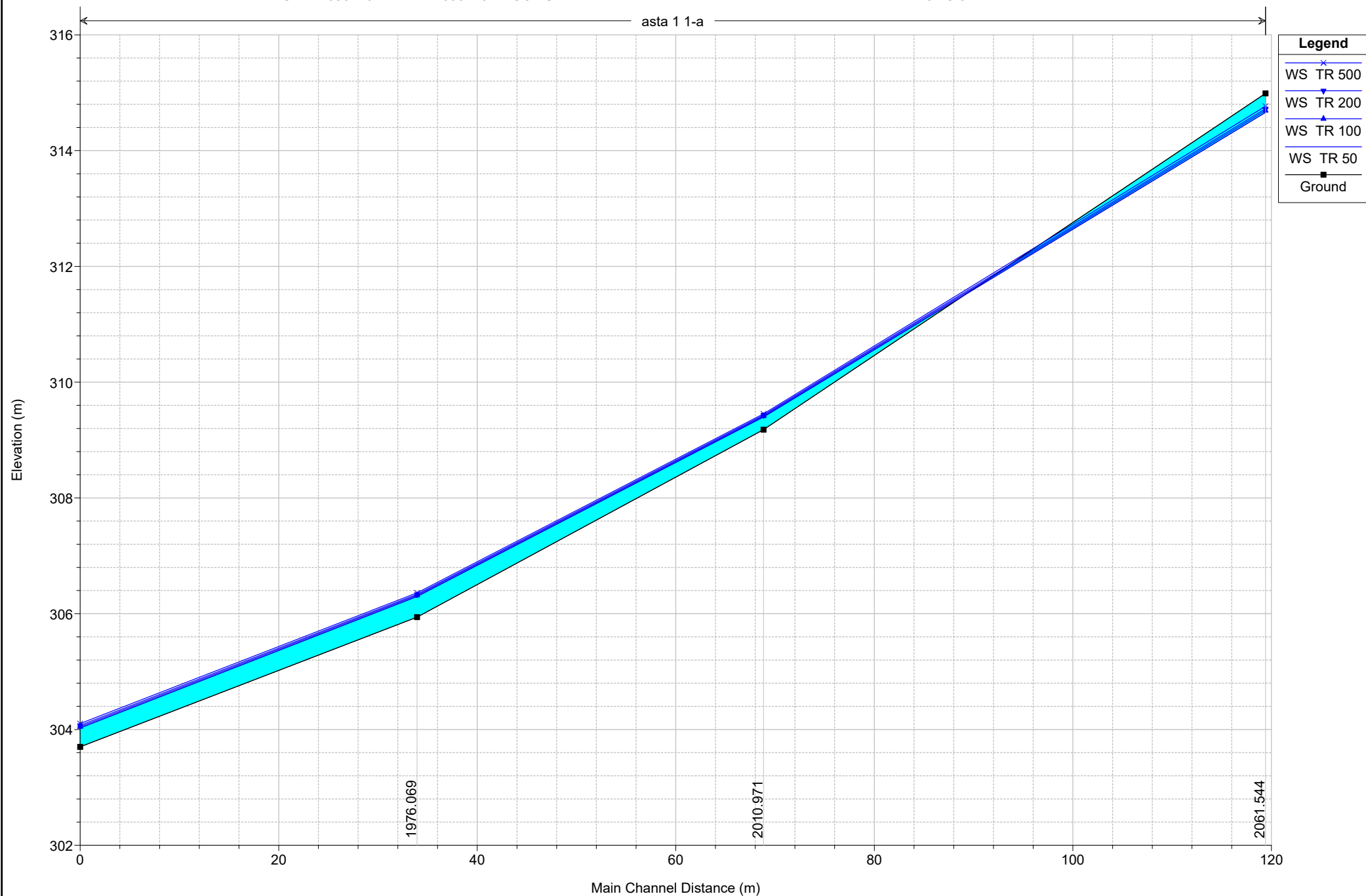
26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



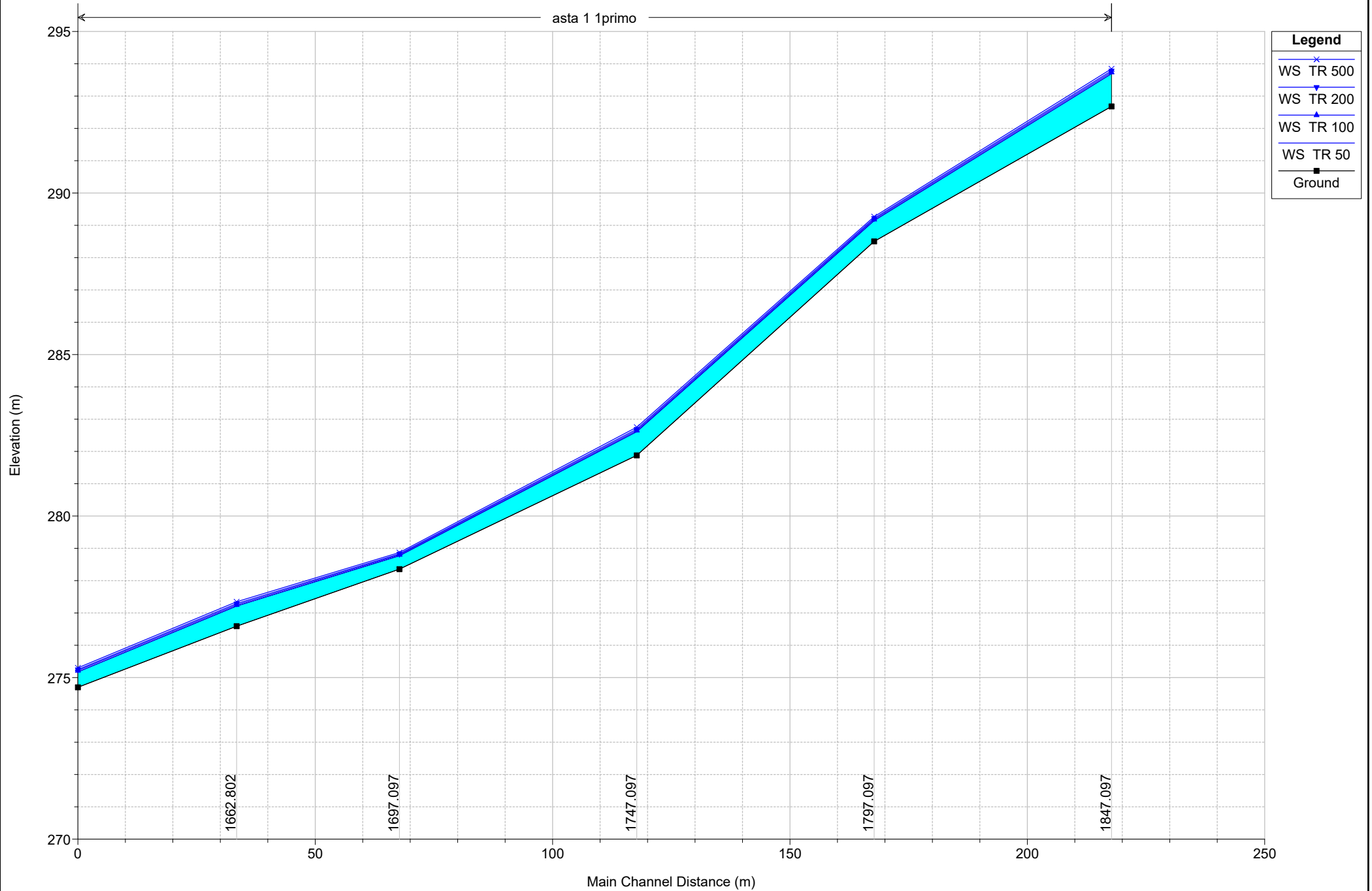
26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



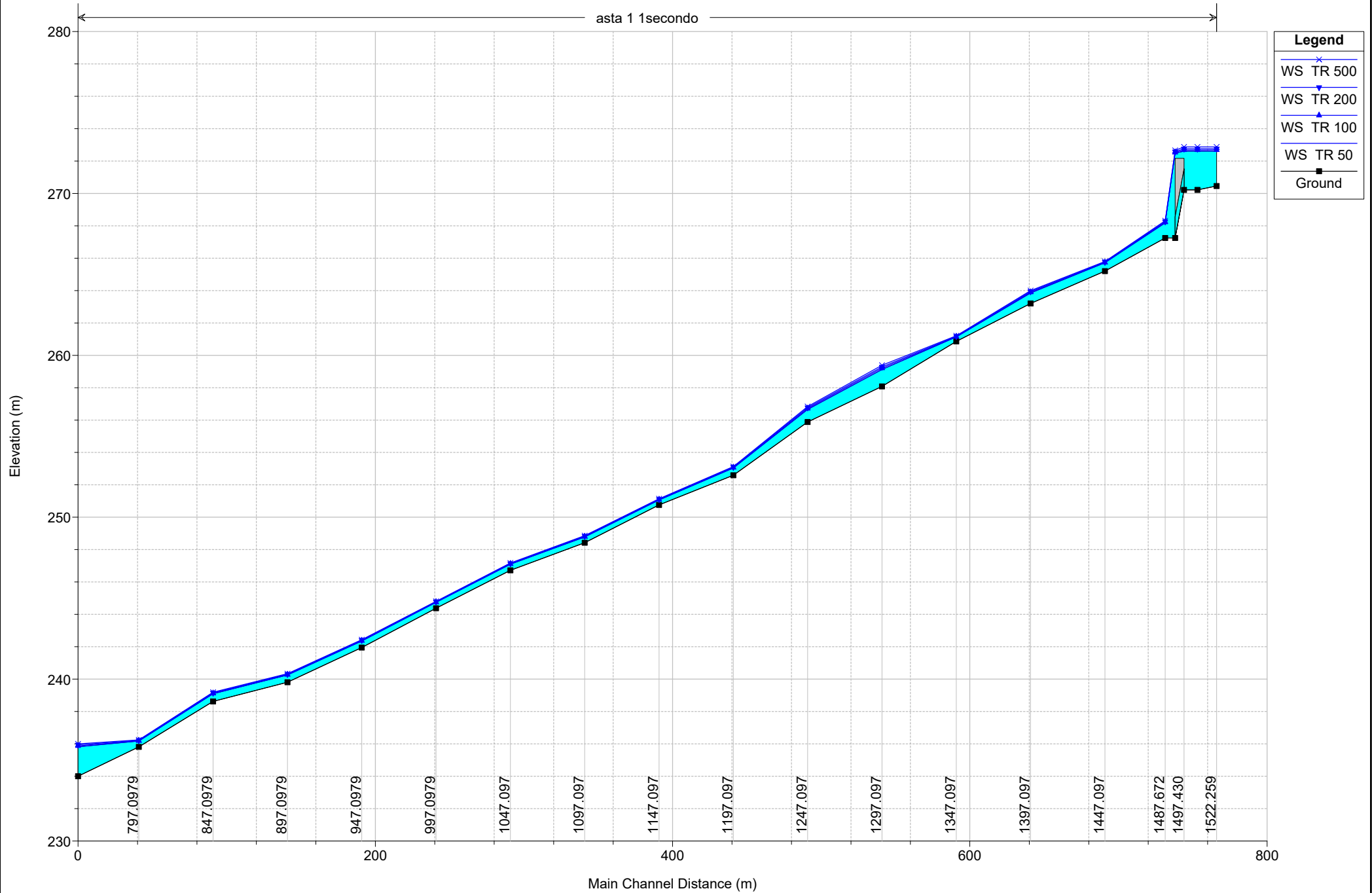
26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



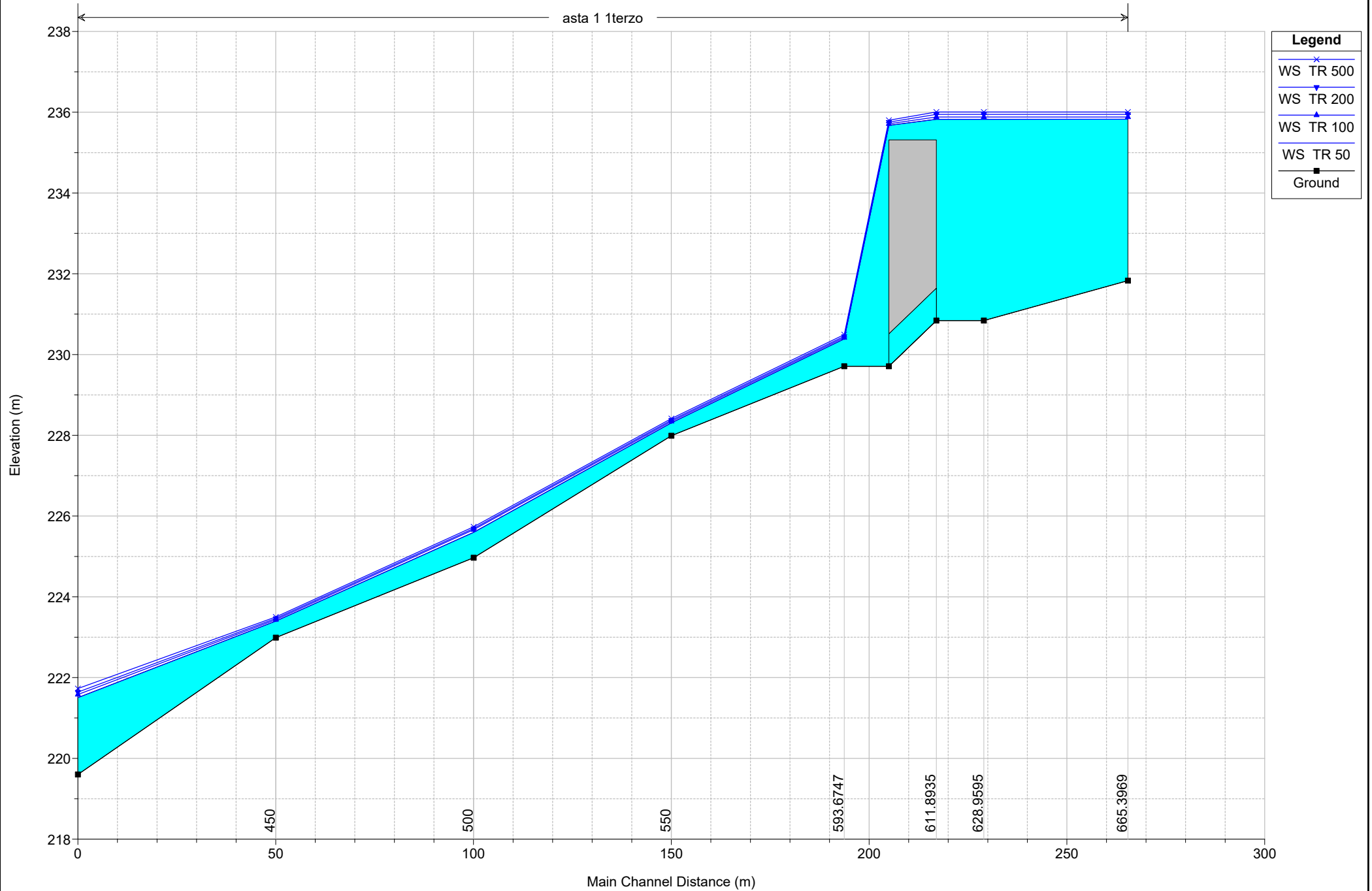
26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



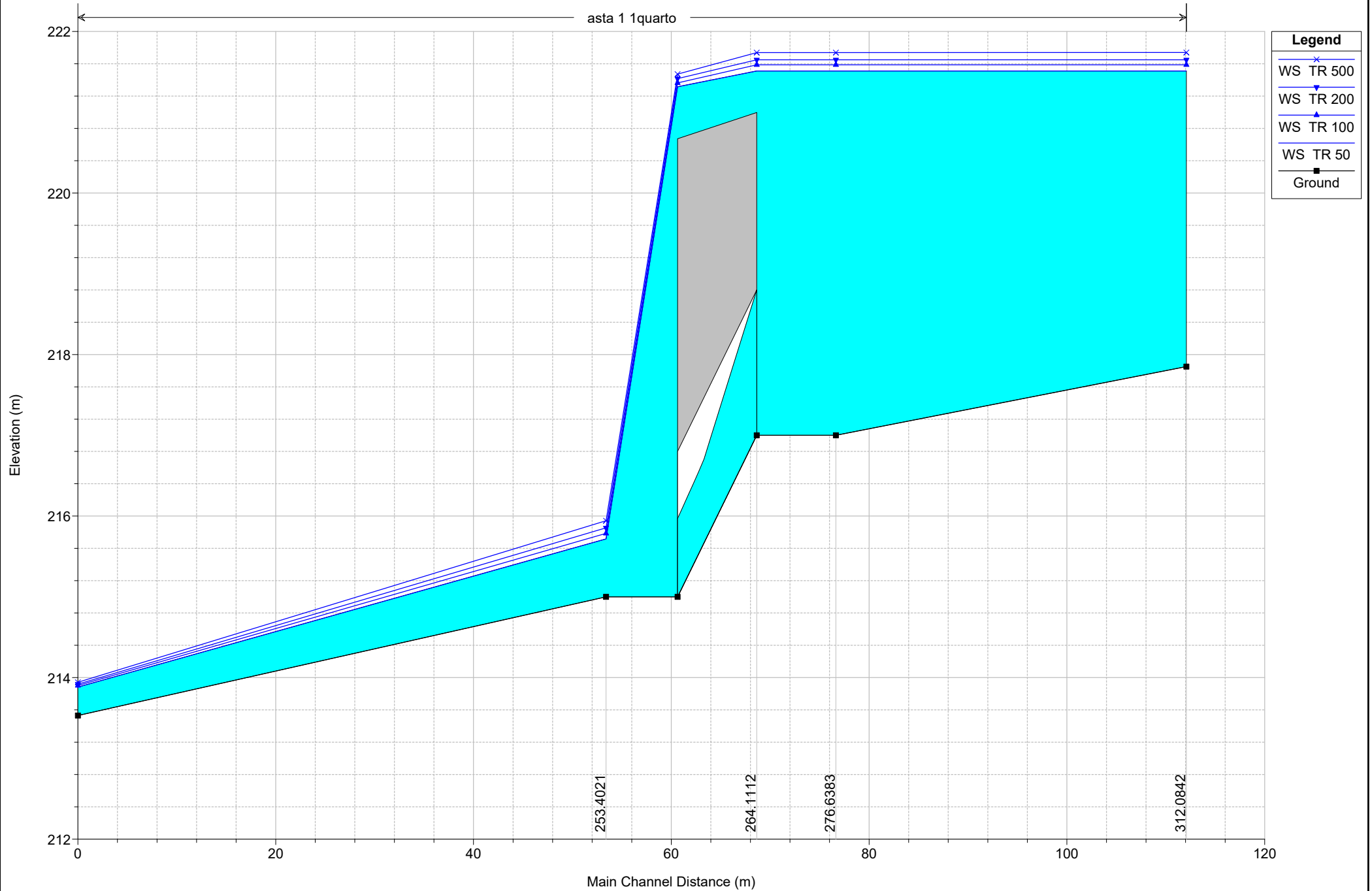
26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



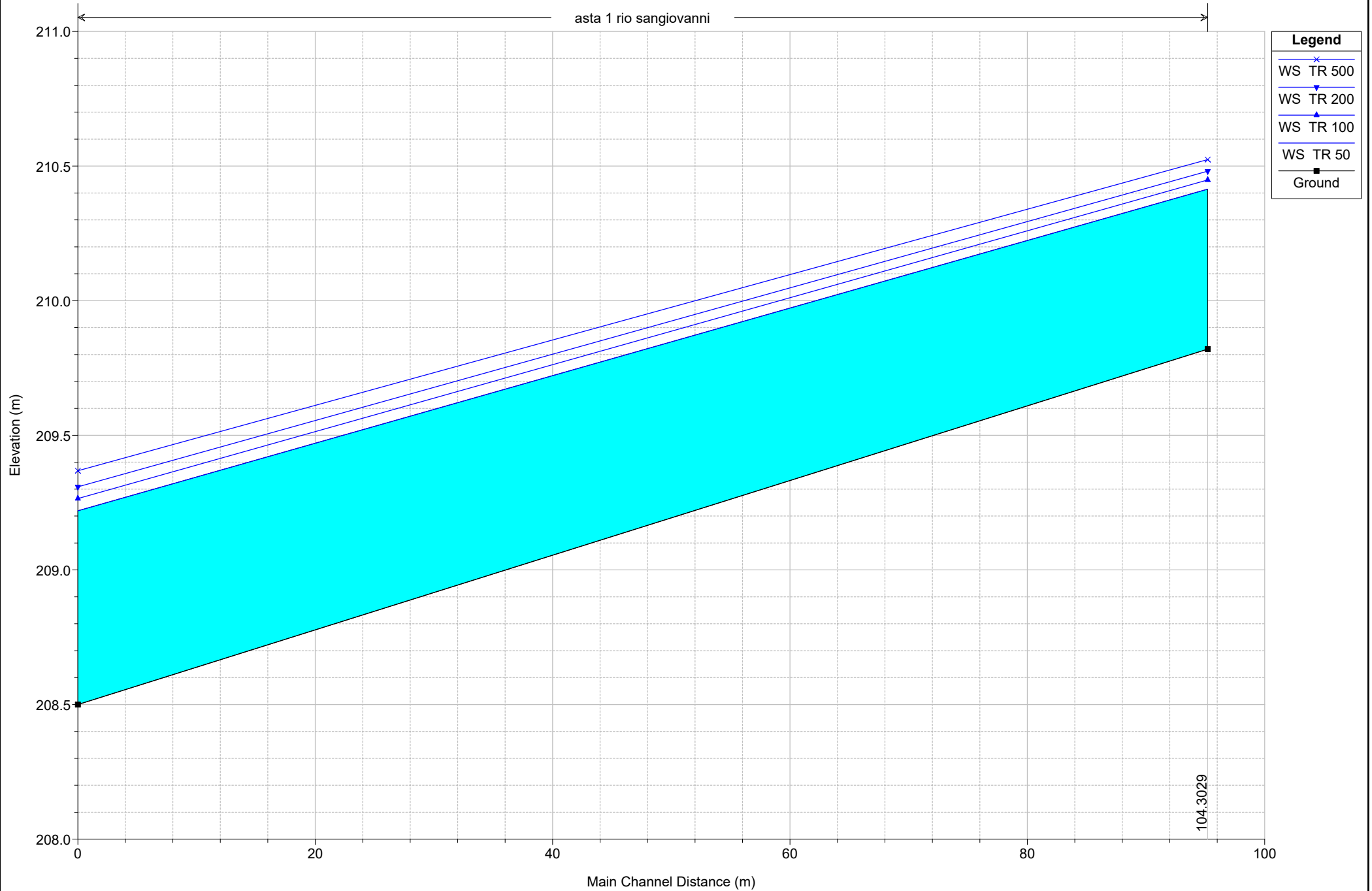
26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

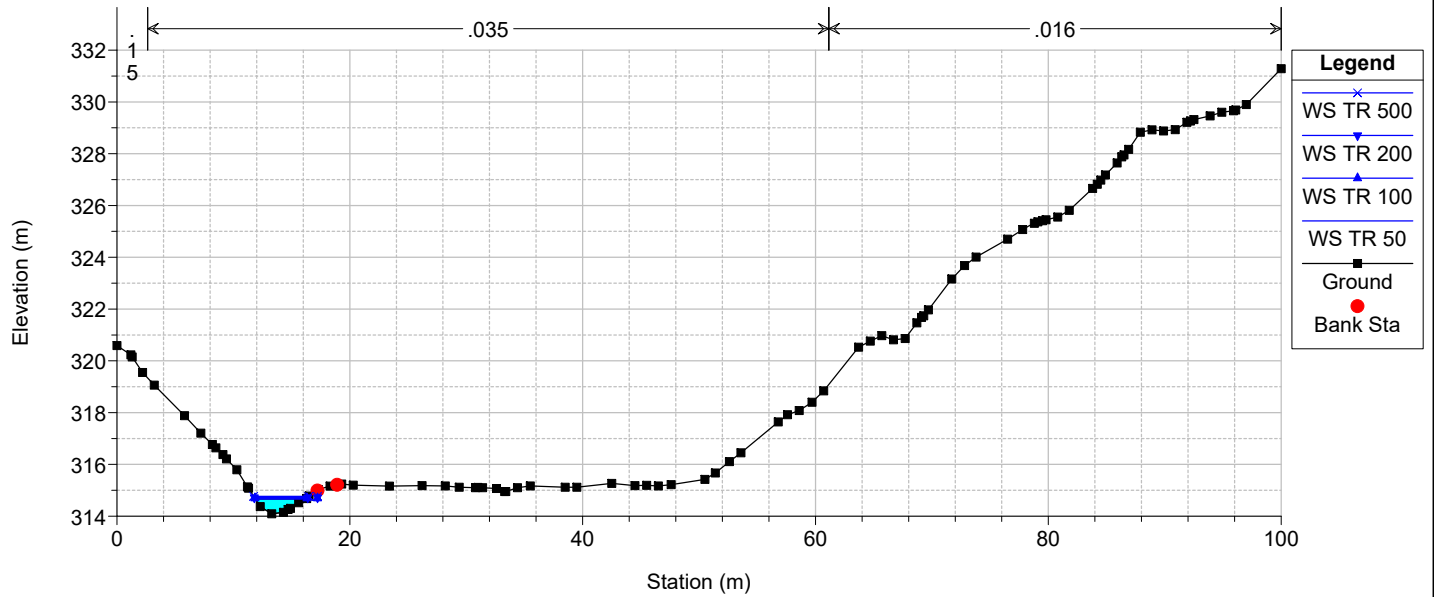
Geom: 05022021 Flow: 05022021 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

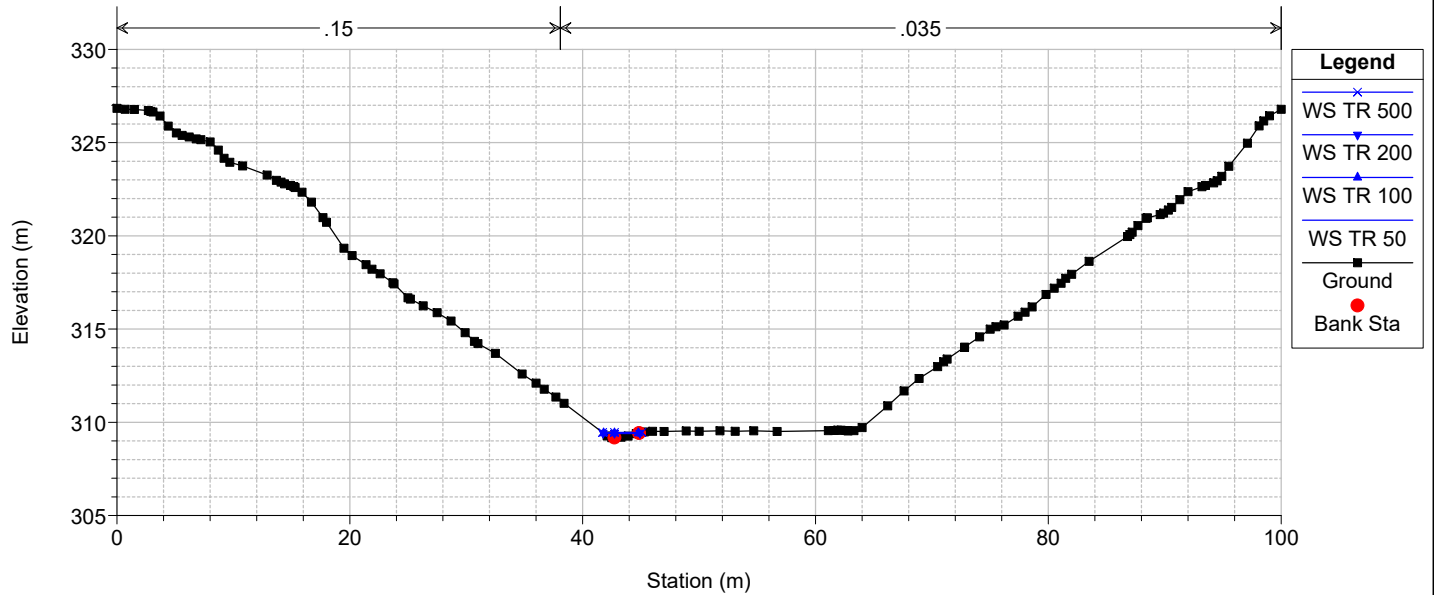
River = asta 1 Reach = 1-a RS = 2061.544 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

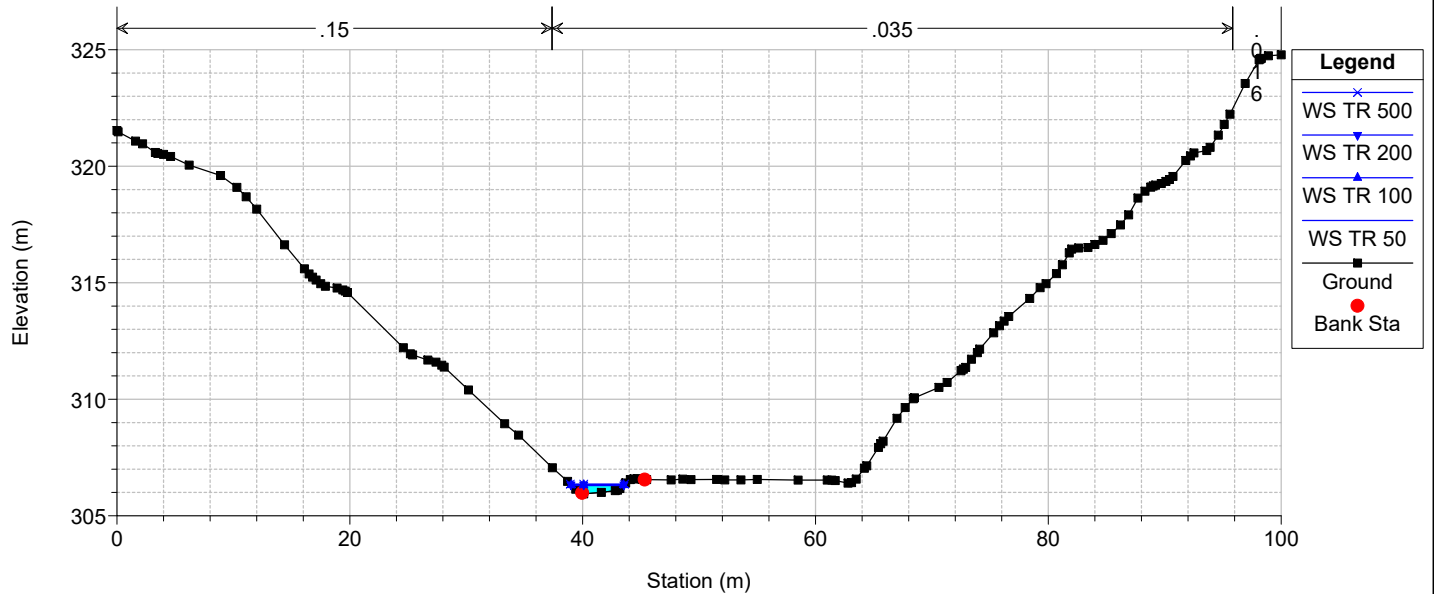
River = asta 1 Reach = 1-a RS = 2010.971 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

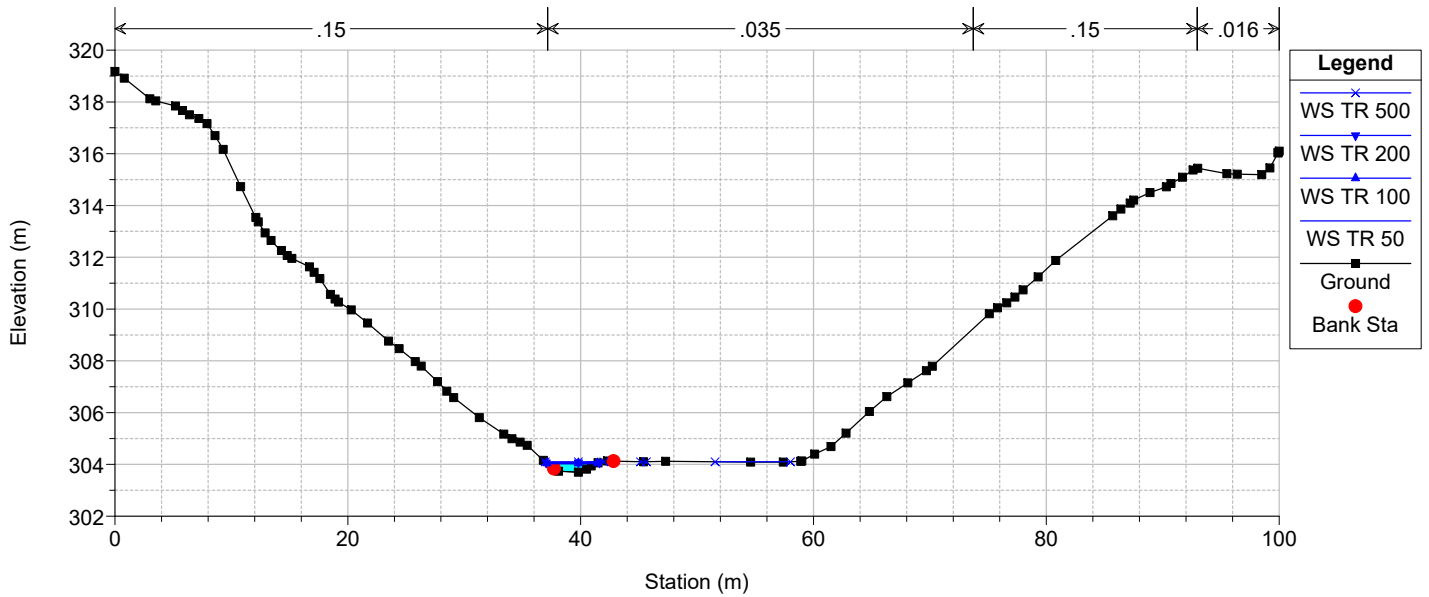
River = asta 1 Reach = 1-a RS = 1976.069 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

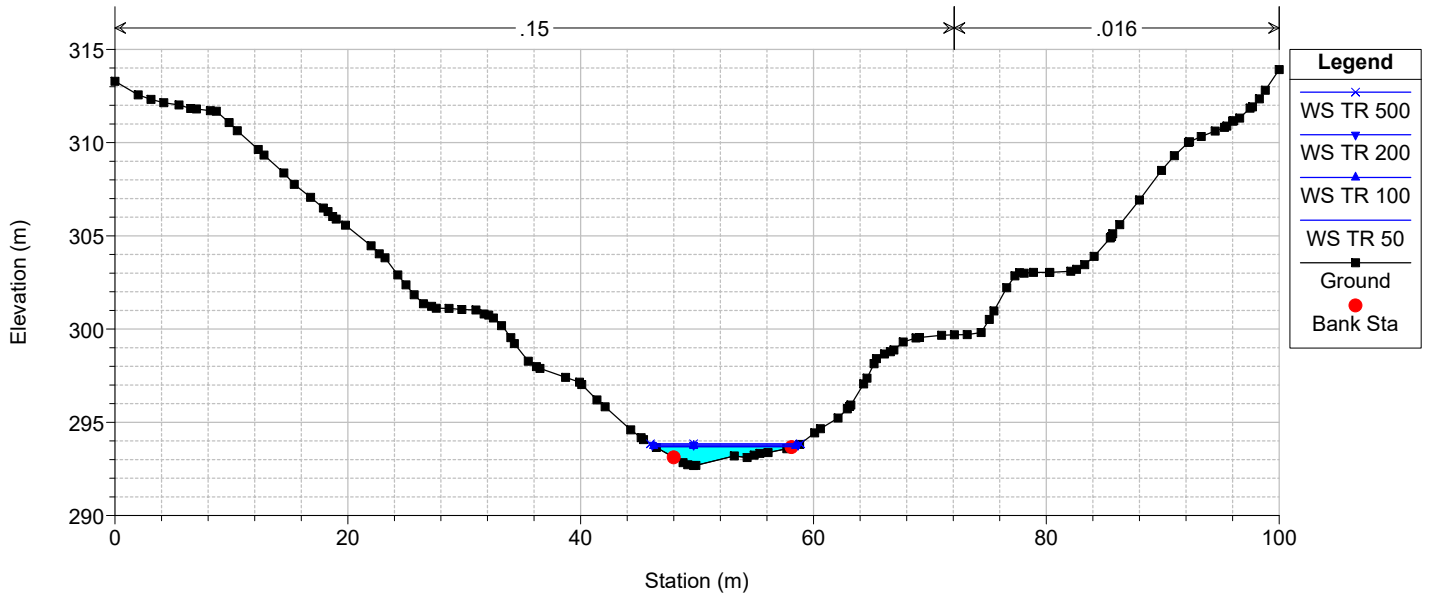
River = asta 1 Reach = 1-a RS = 1942.132 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

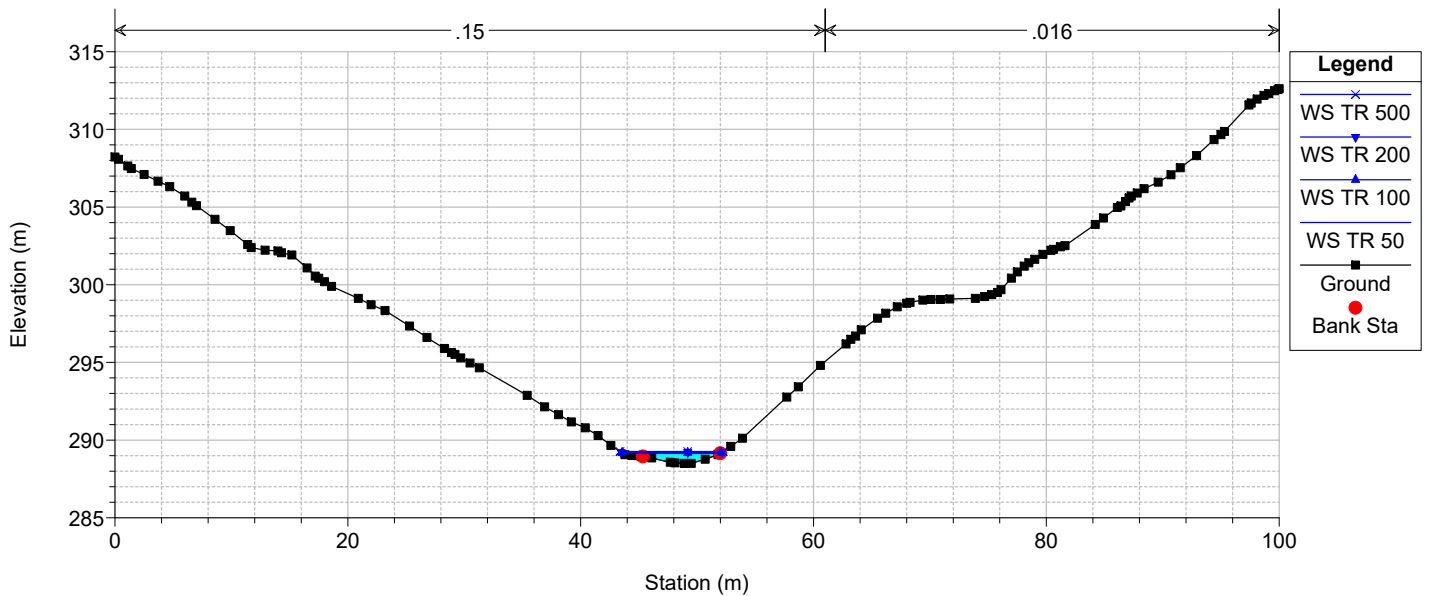
River = asta 1 Reach = 1primo RS = 1847.097 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

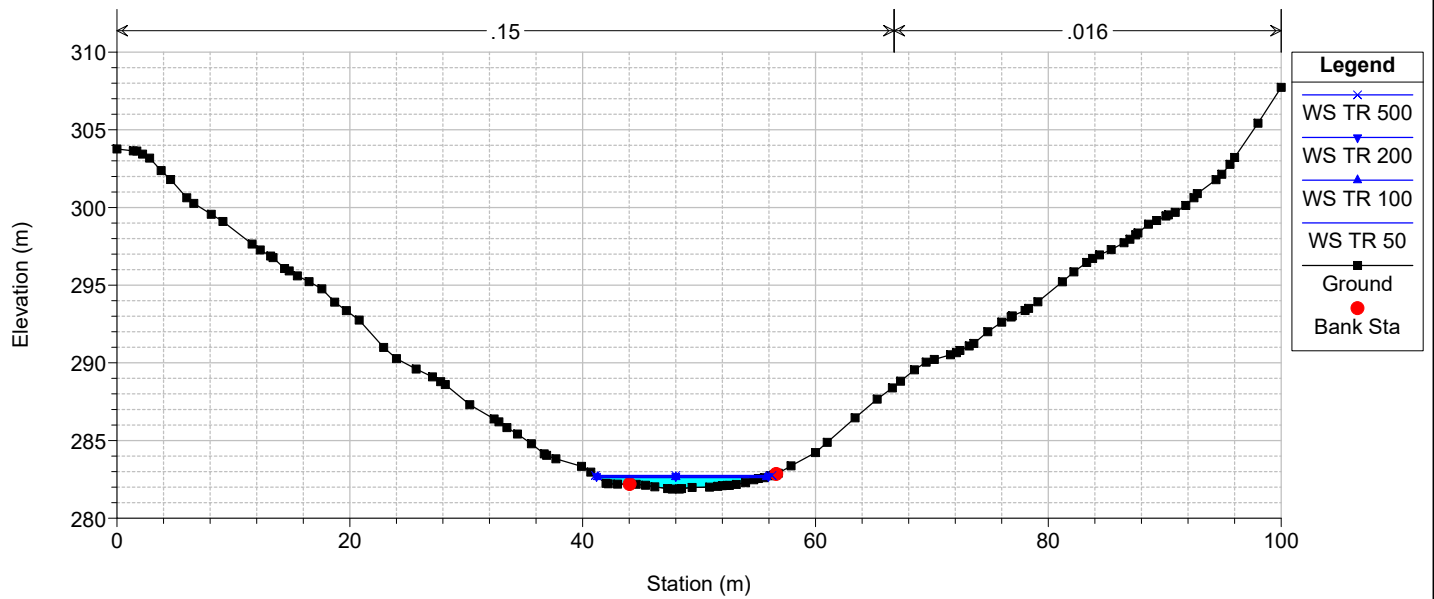
River = asta 1 Reach = 1primo RS = 1797.097 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

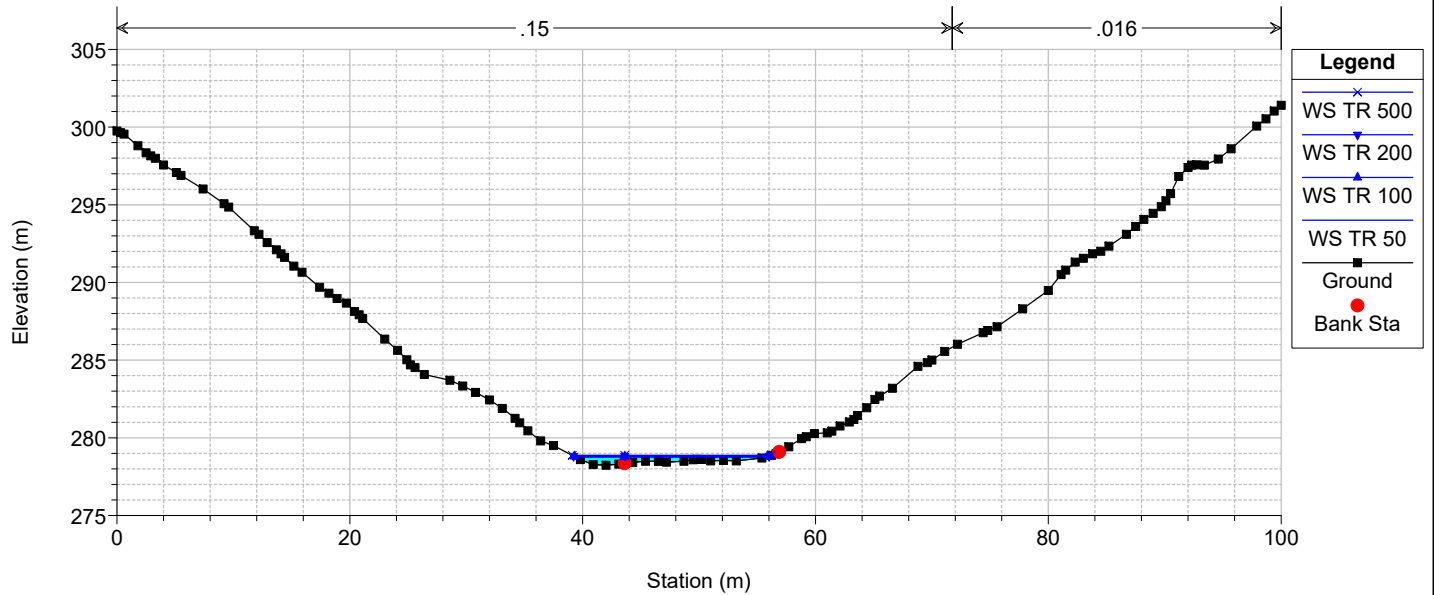
River = asta 1 Reach = 1primo RS = 1747.097 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

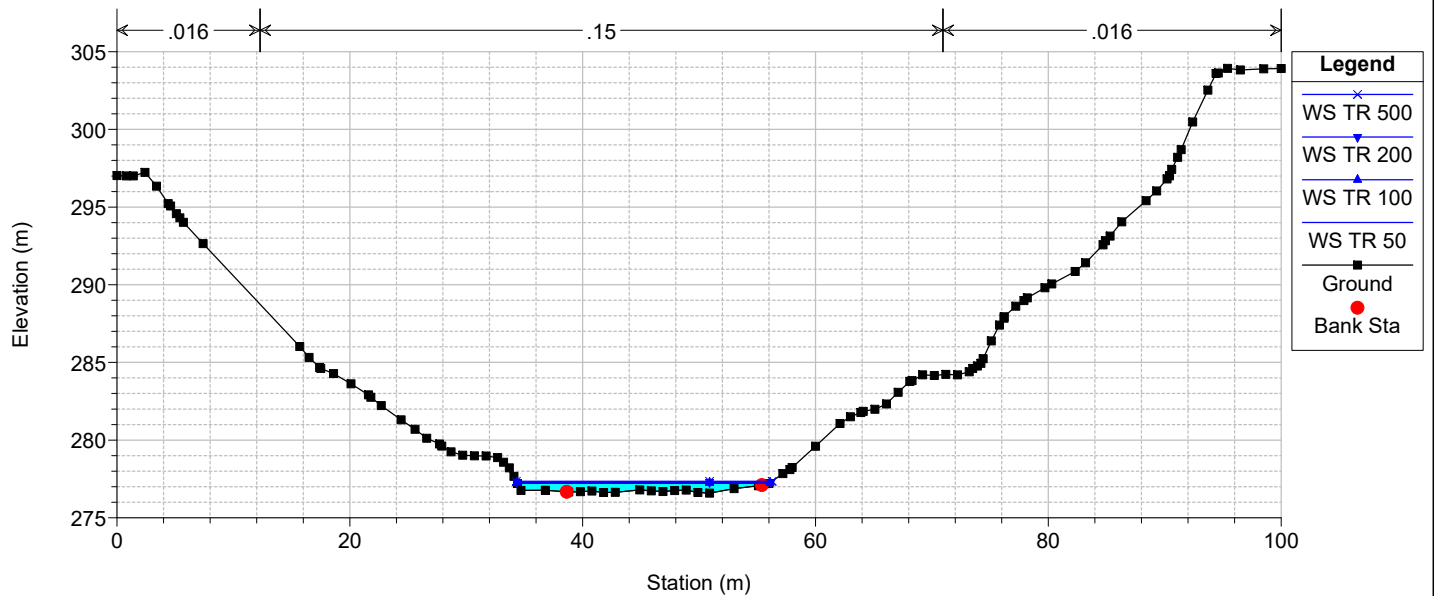
River = asta 1 Reach = 1primo RS = 1697.097 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

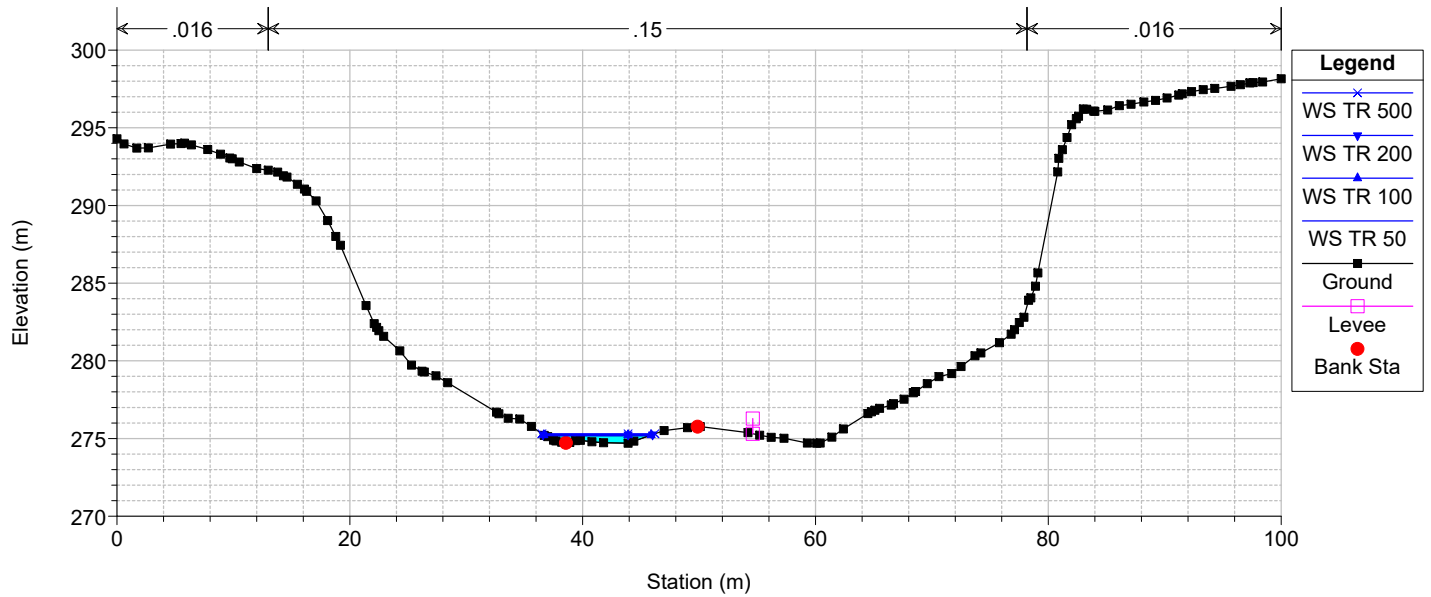
River = asta 1 Reach = 1primo RS = 1662.802 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

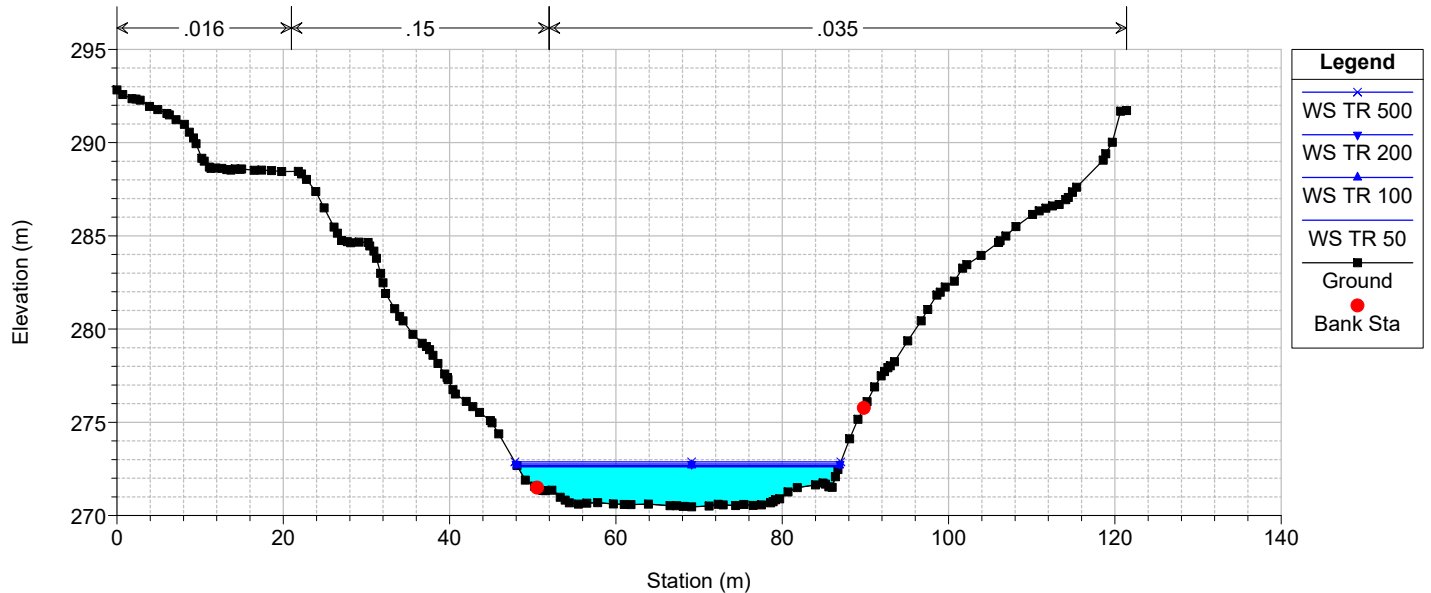
River = asta 1 Reach = 1primo RS = 1629.369 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

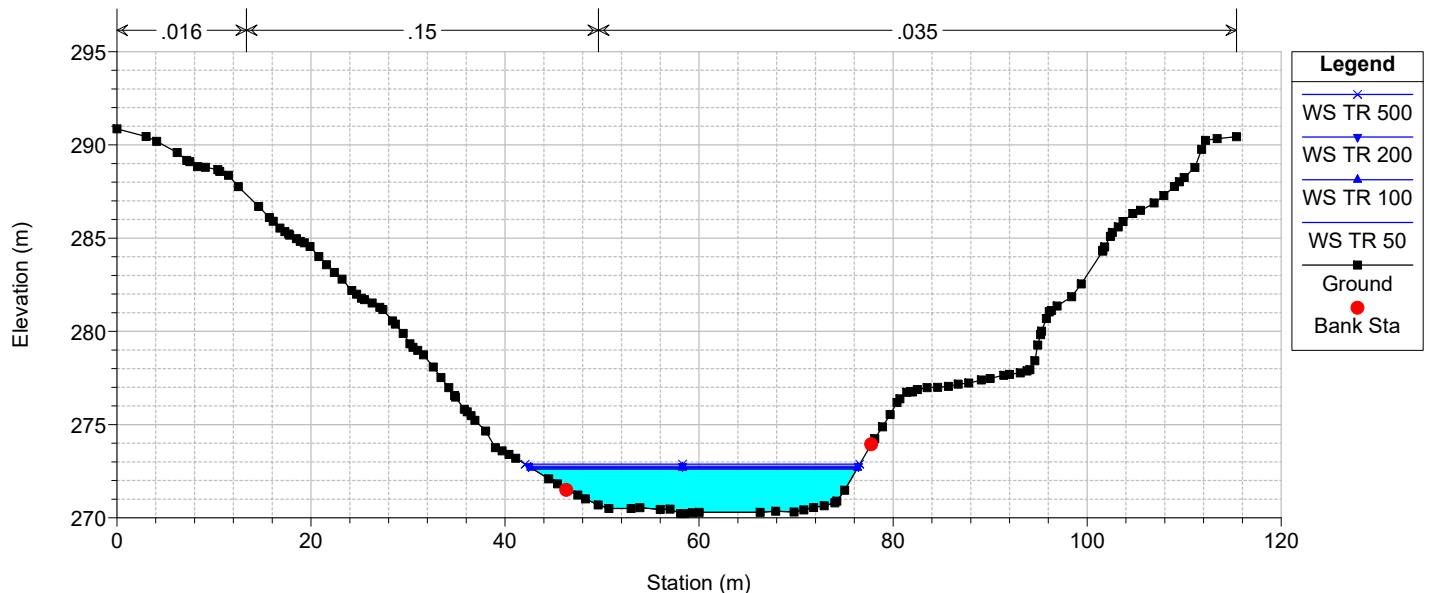
River = asta 1 Reach = 1secondo RS = 1522.259 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

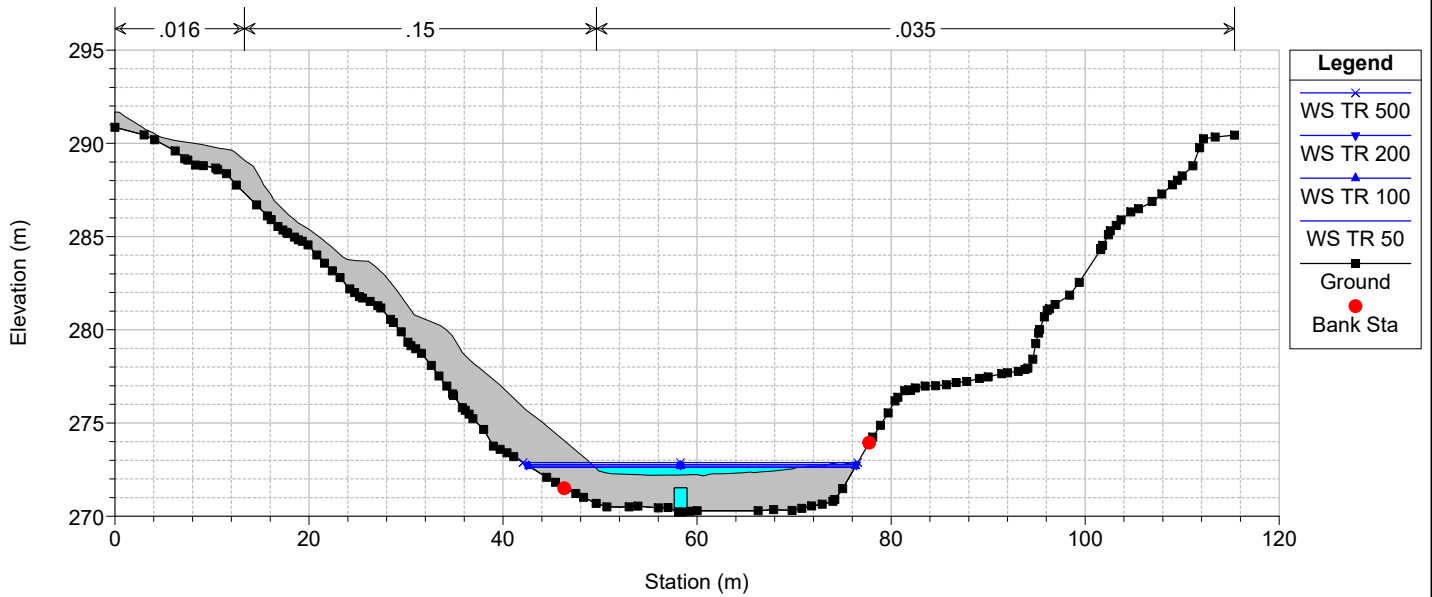
River = asta 1 Reach = 1secondo RS = 1509.356 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

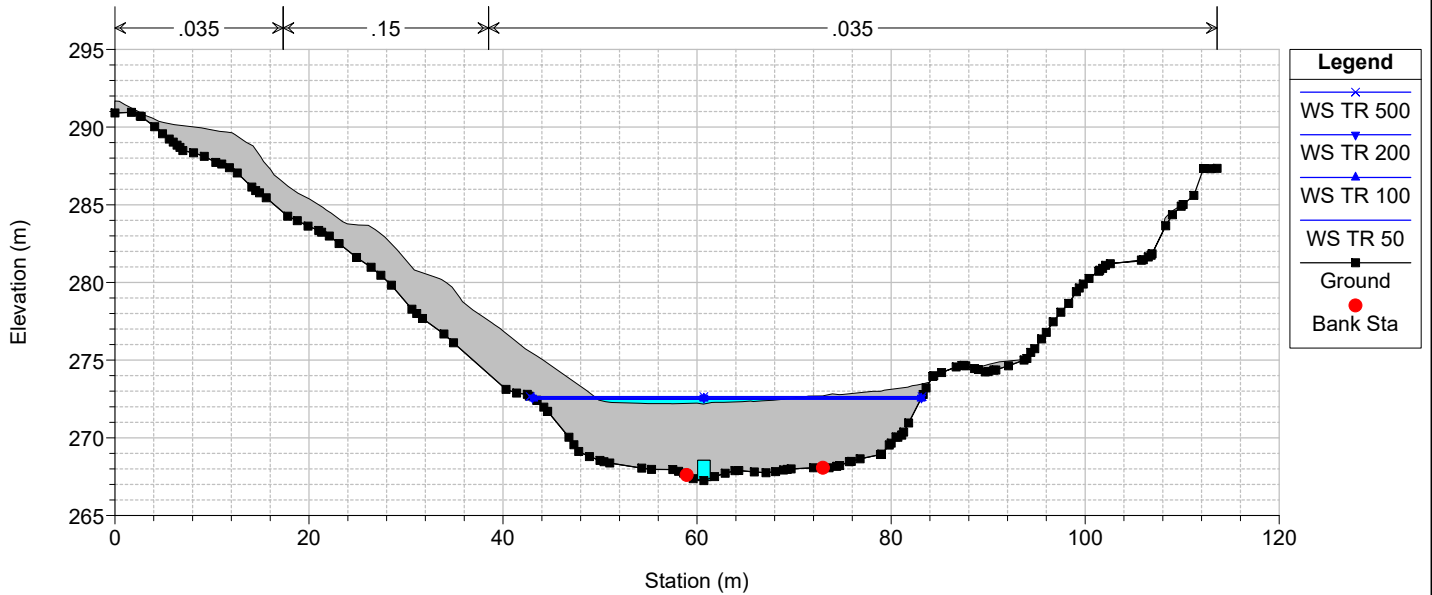
River = asta 1 Reach = 1secondo RS = 1497.430 Culv COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

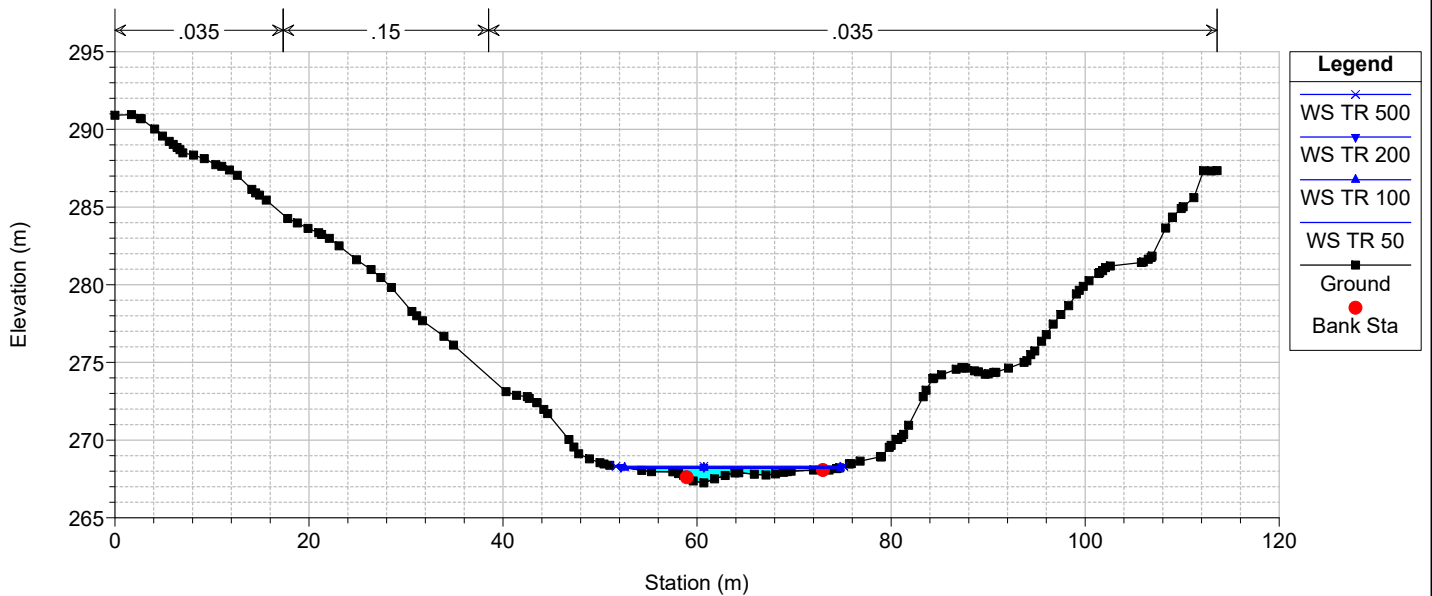
River = asta 1 Reach = 1secondo RS = 1497.430 Culv COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

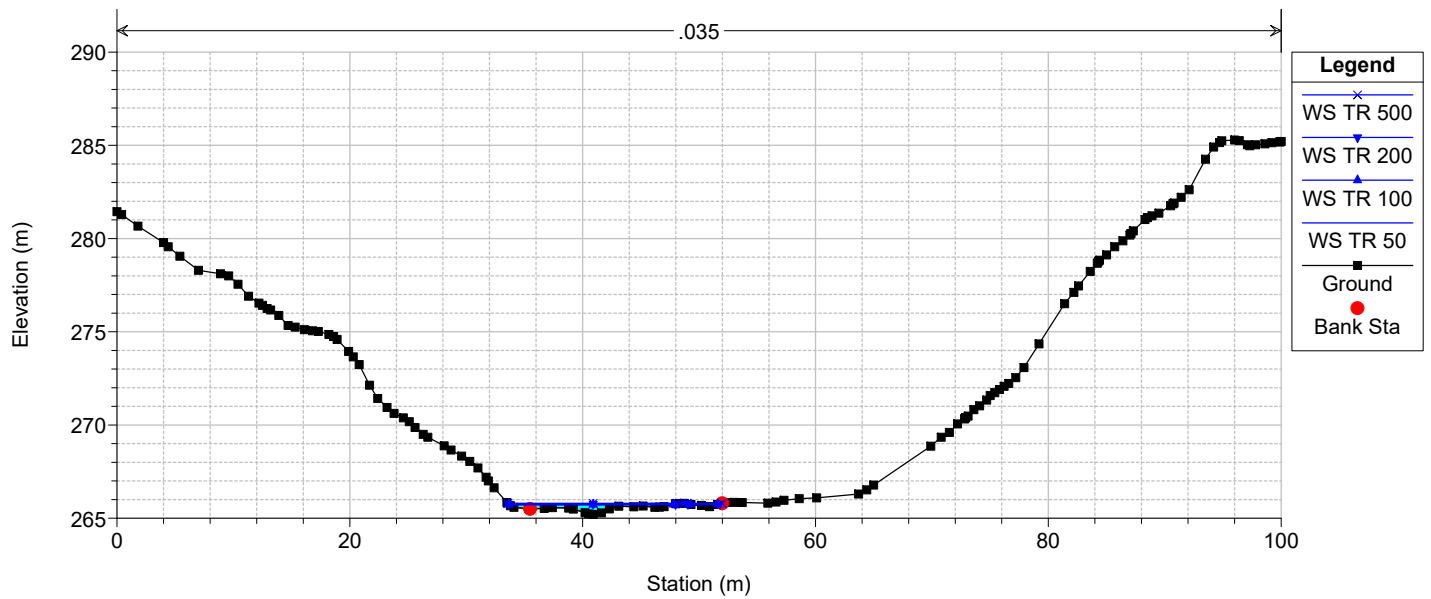
River = asta 1 Reach = 1secondo RS = 1487.672 Culv COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

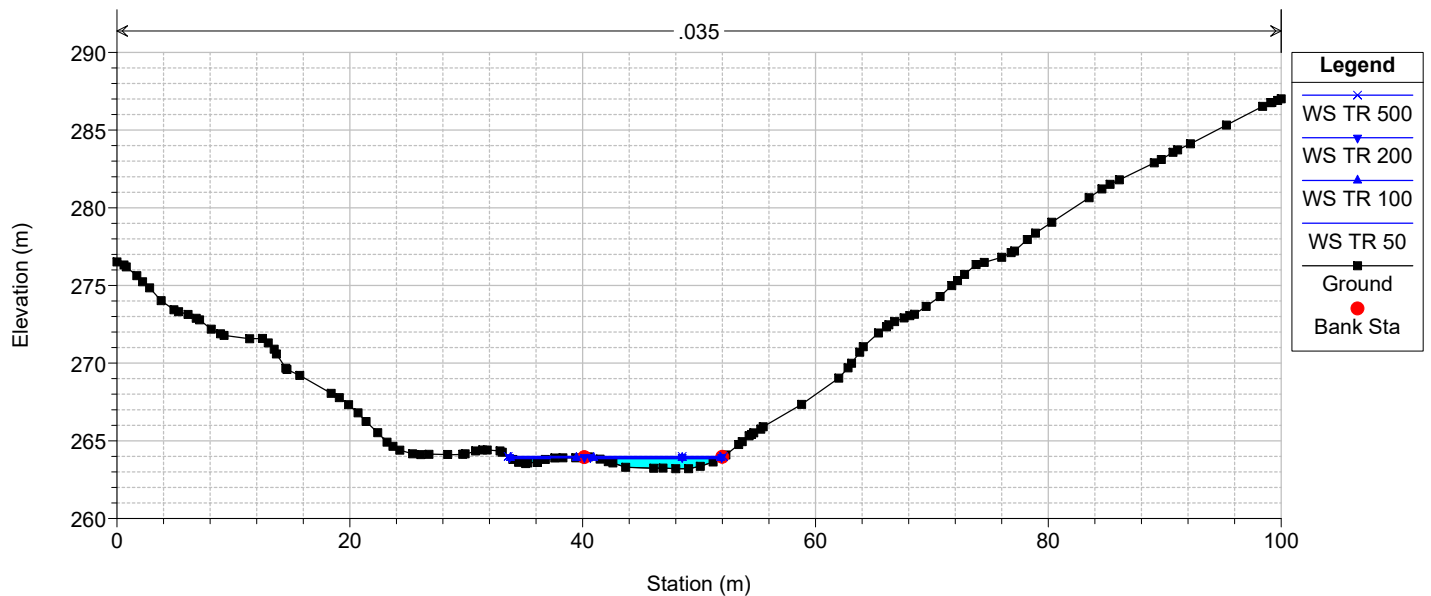
River = asta 1 Reach = 1secondo RS = 1447.097 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

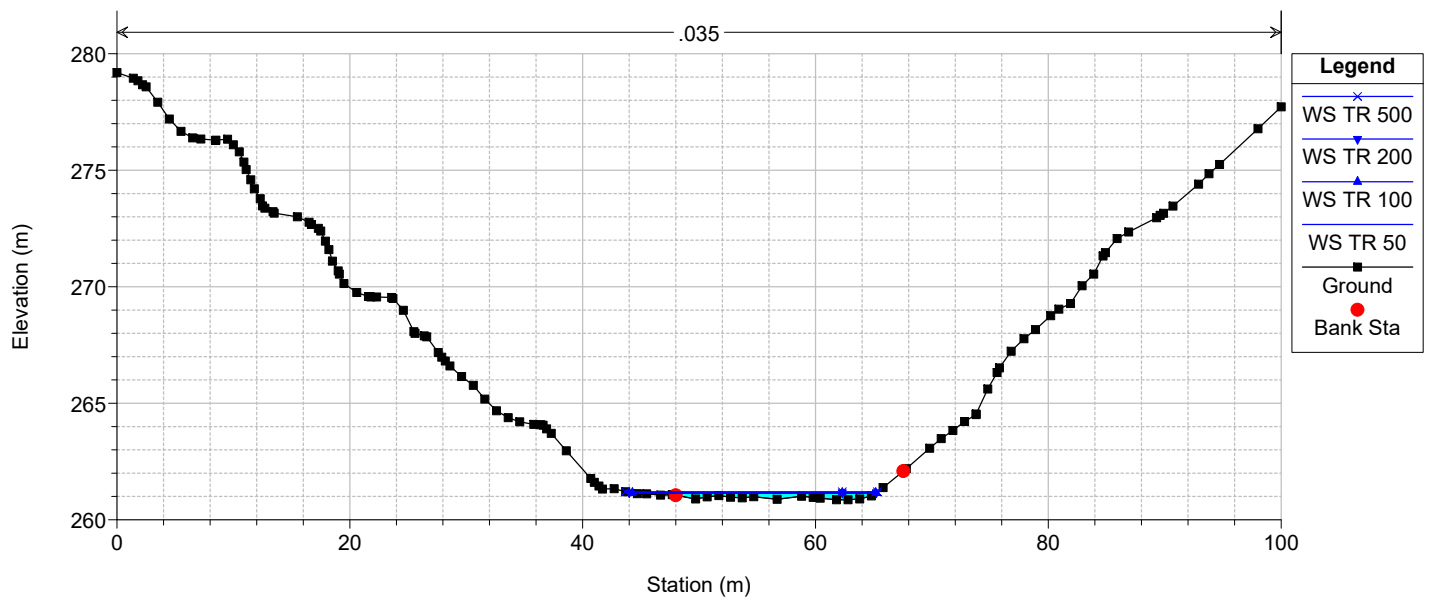
River = asta 1 Reach = 1secondo RS = 1397.097 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

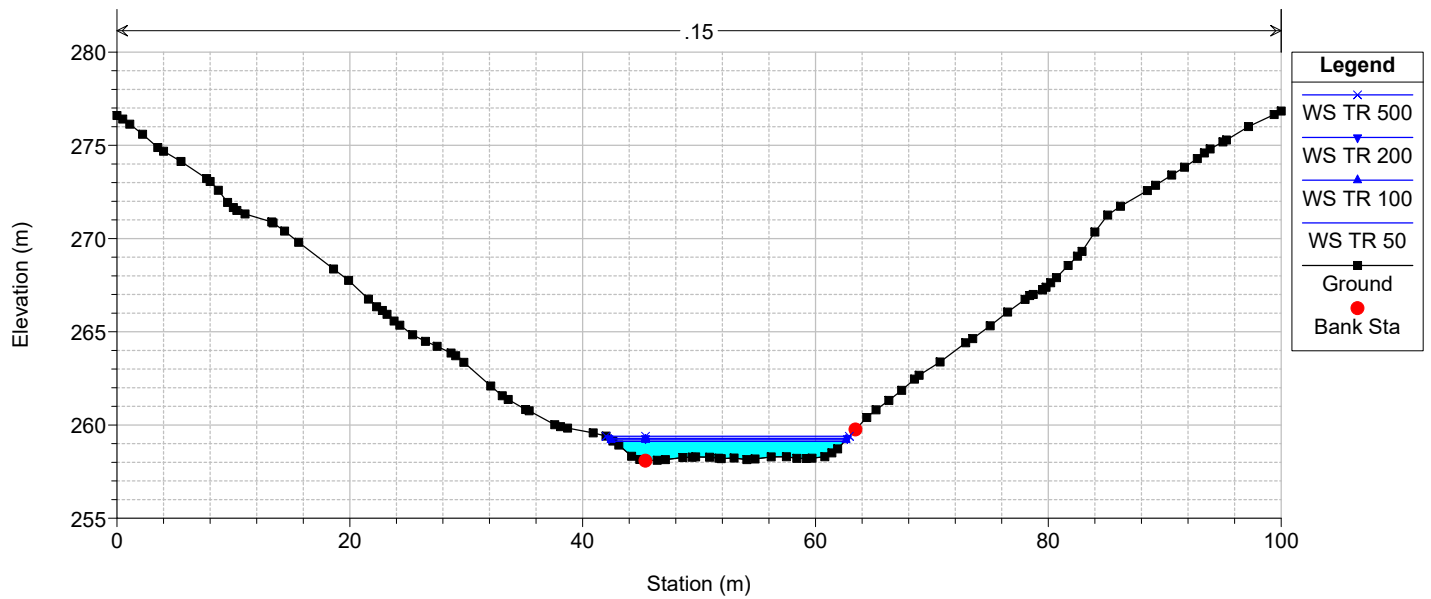
River = asta 1 Reach = 1secondo RS = 1347.097 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

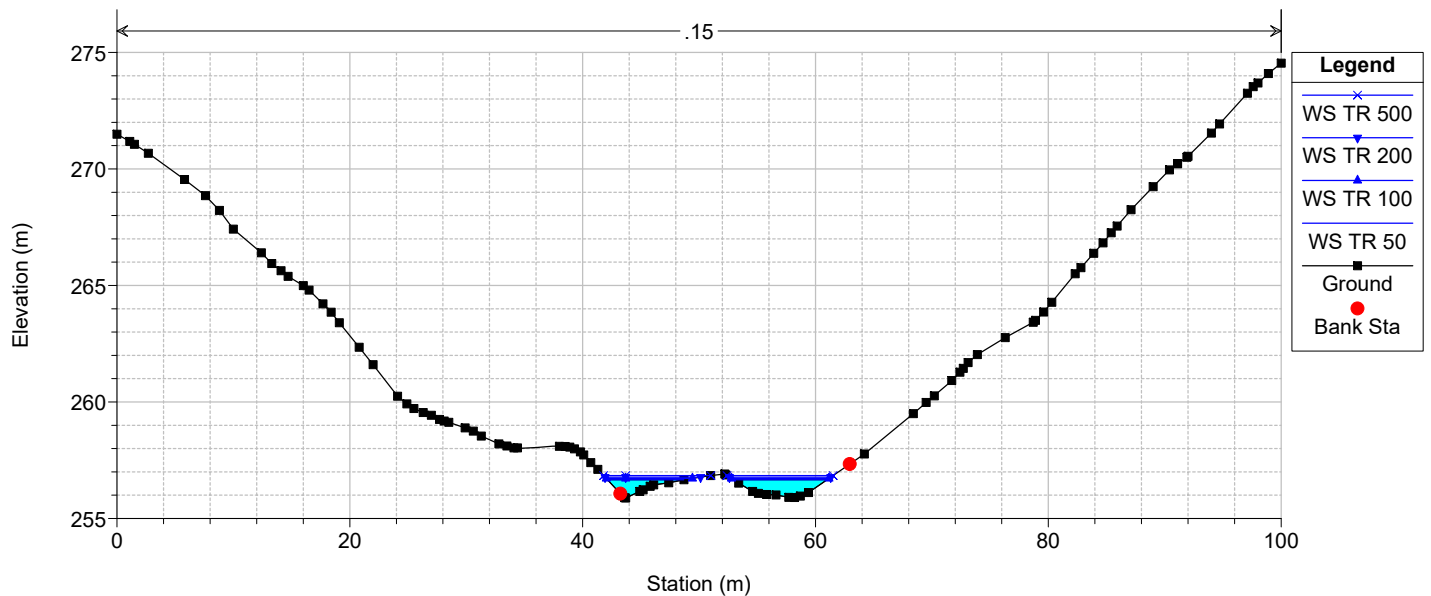
River = asta 1 Reach = 1secondo RS = 1297.097 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

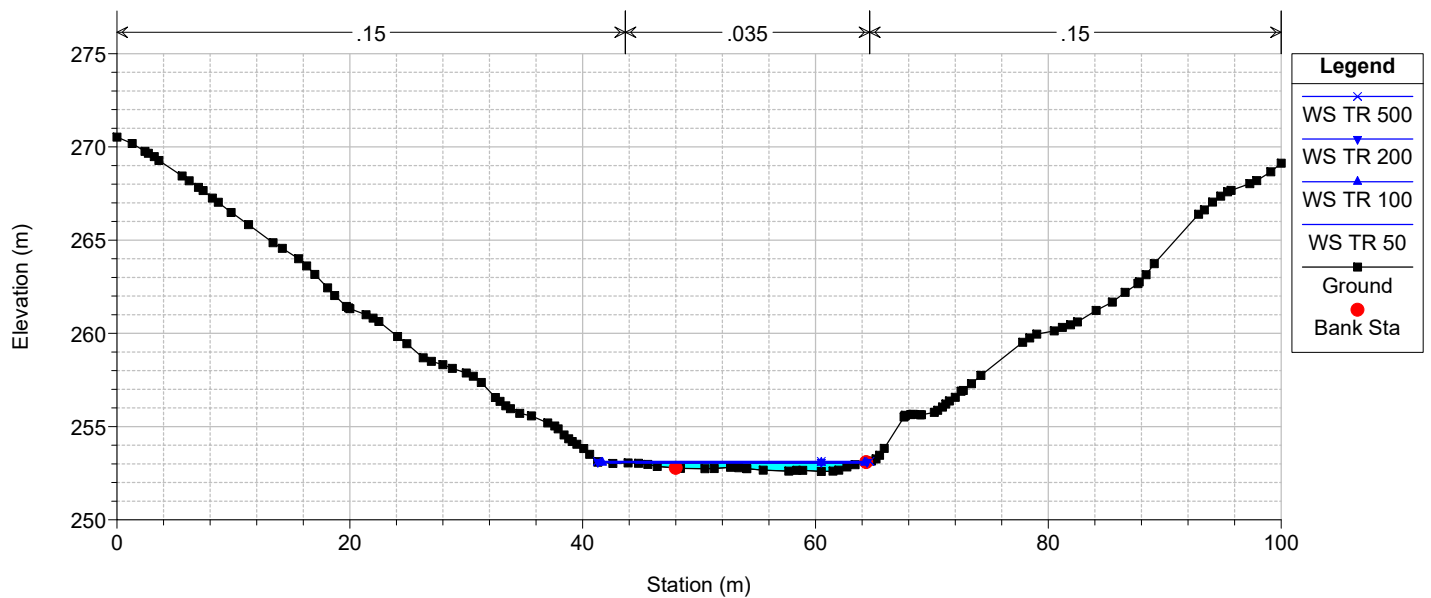
River = asta 1 Reach = 1secondo RS = 1247.097 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

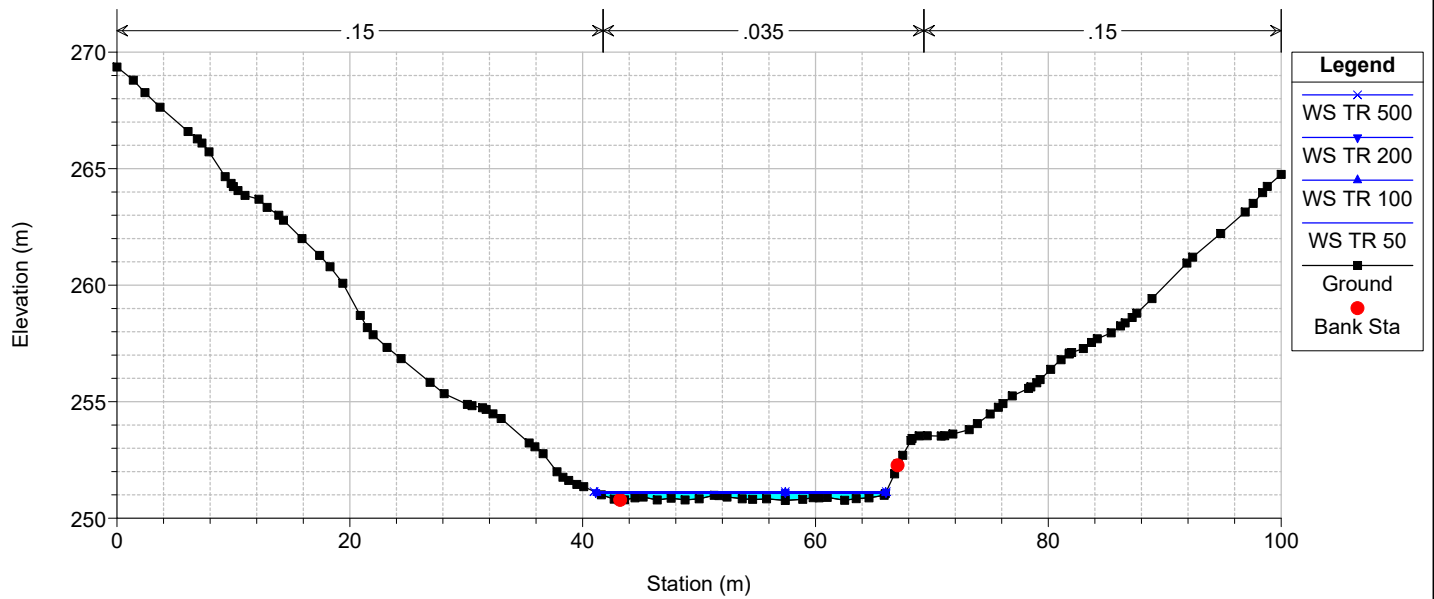
River = asta 1 Reach = 1secondo RS = 1197.097 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

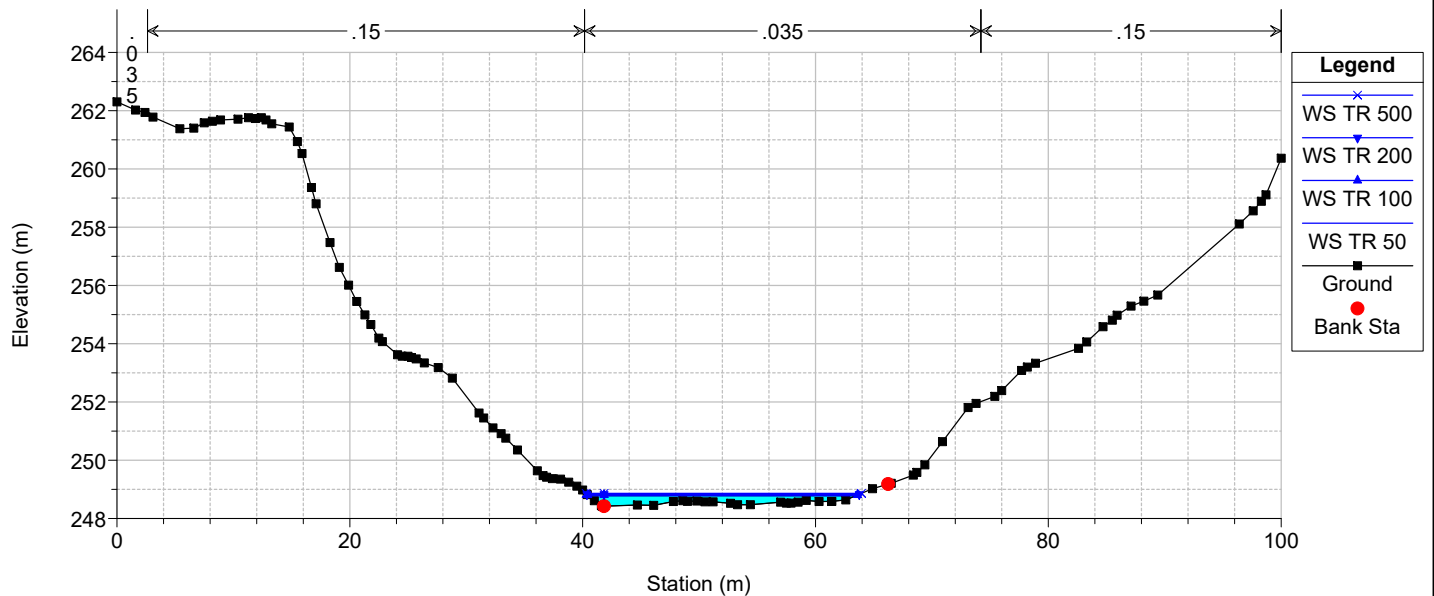
River = asta 1 Reach = 1secondo RS = 1147.097 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

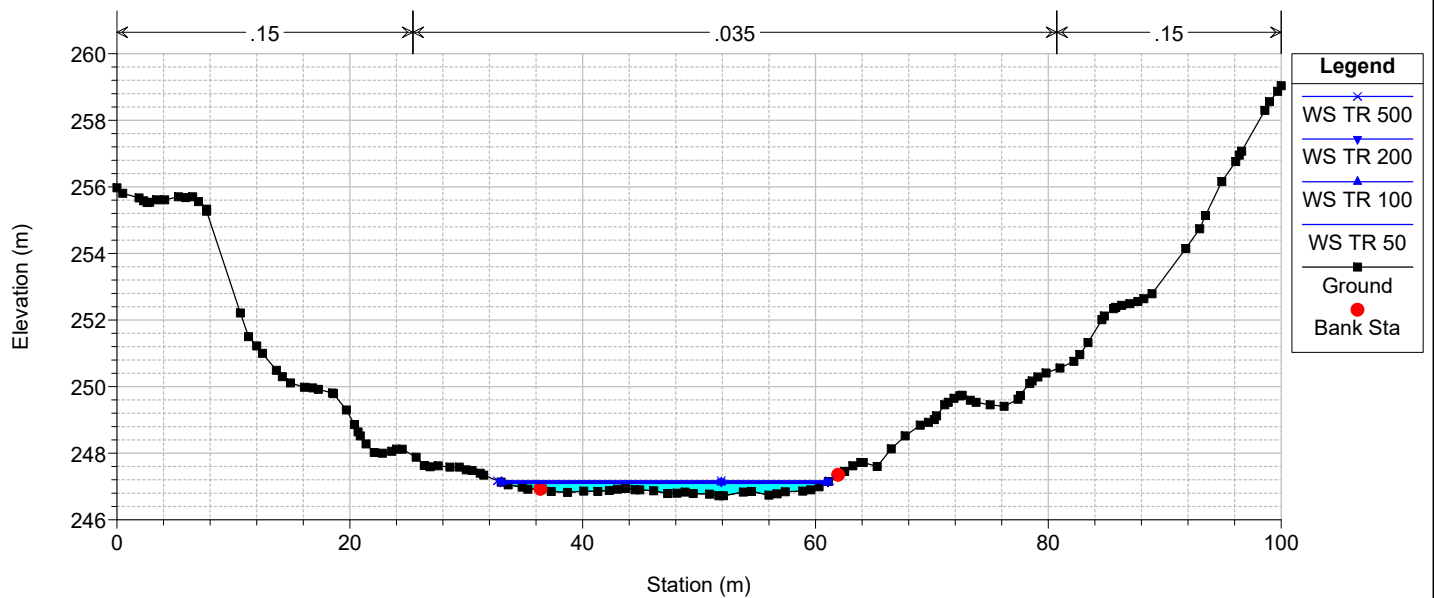
River = asta 1 Reach = 1secondo RS = 1097.097 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

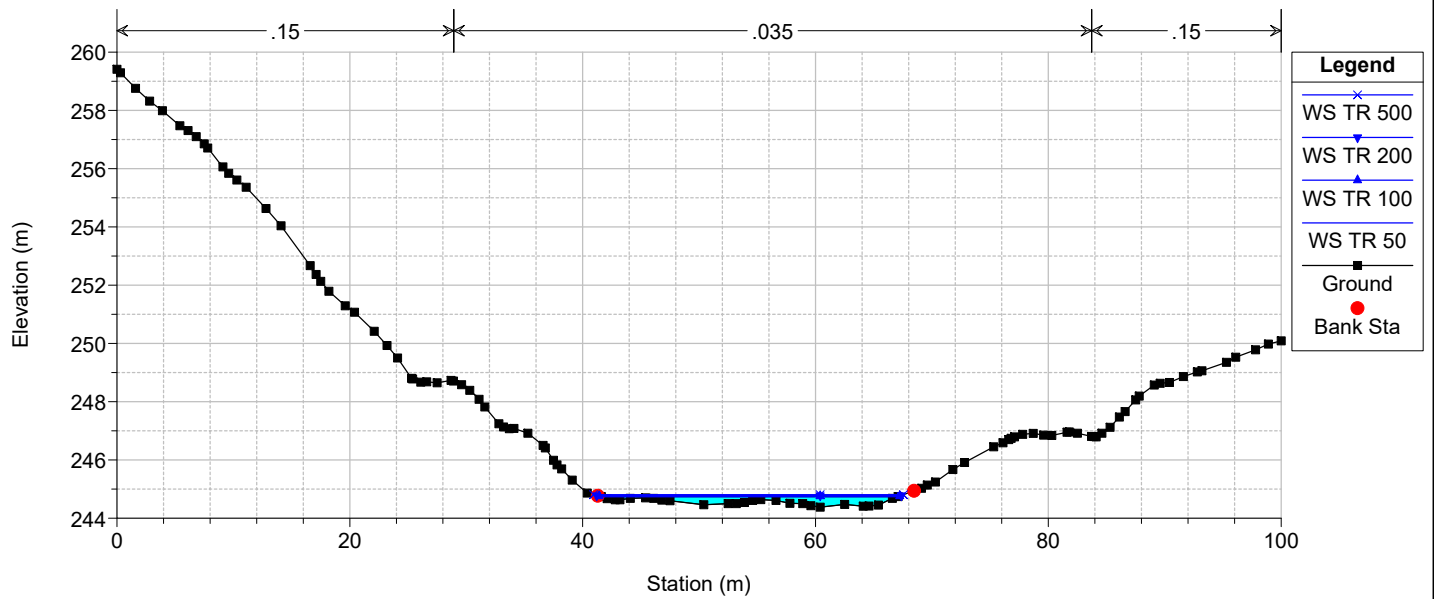
River = asta 1 Reach = 1secondo RS = 1047.097 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

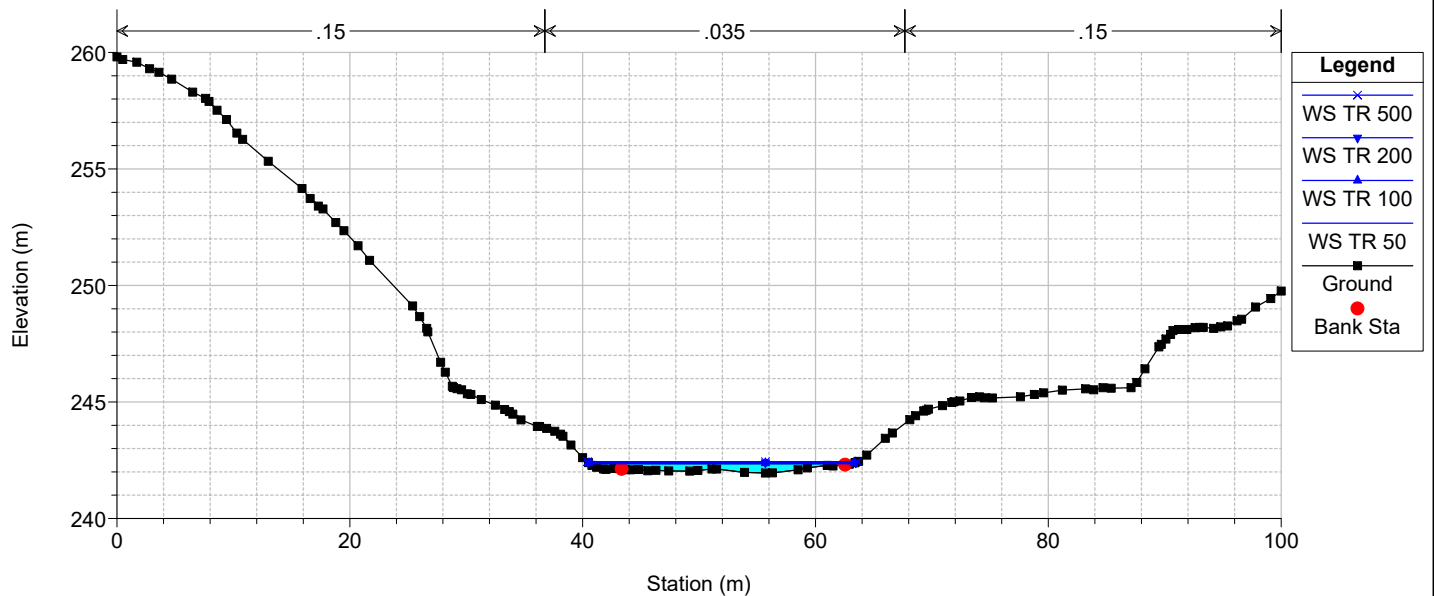
River = asta 1 Reach = 1secondo RS = 997.0979 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

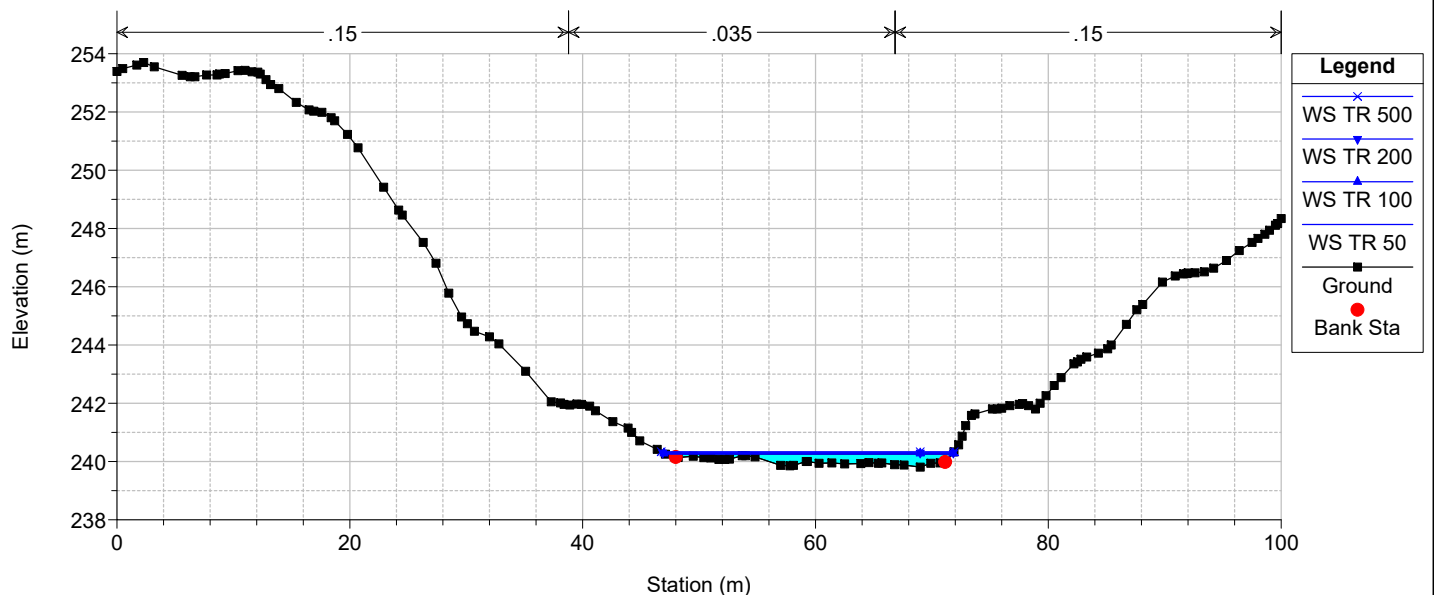
River = asta 1 Reach = 1secondo RS = 947.0979 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

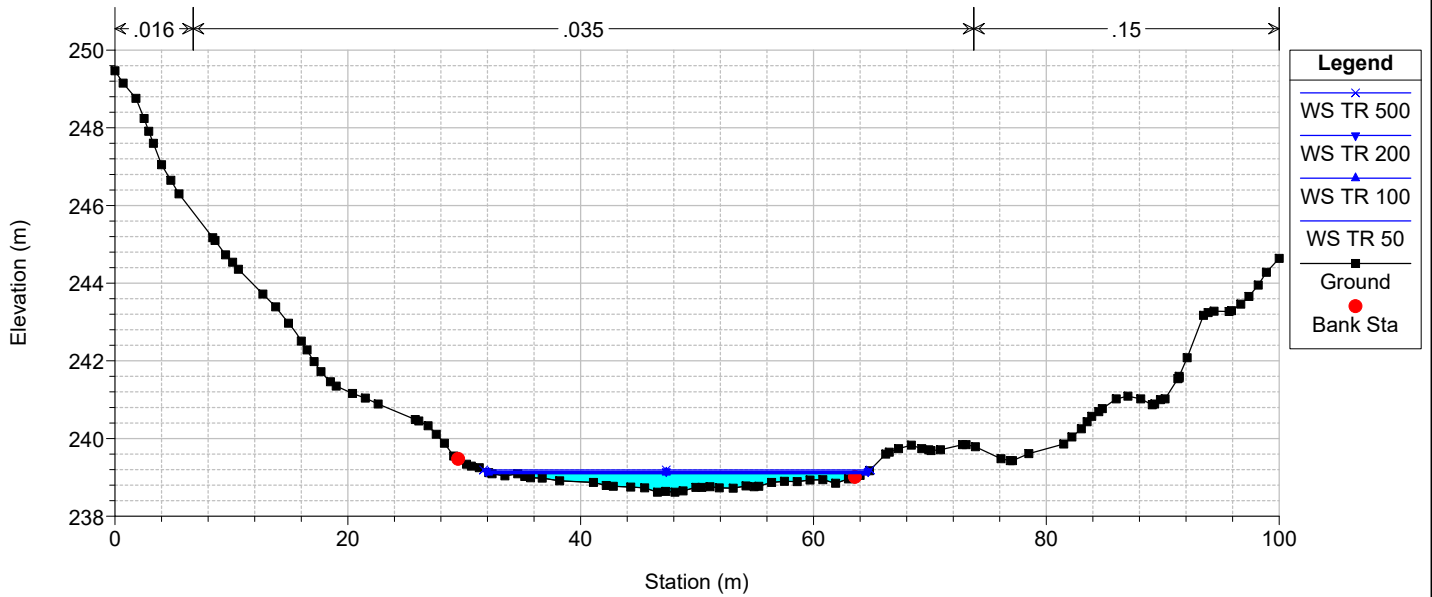
River = asta 1 Reach = 1secondo RS = 897.0979 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

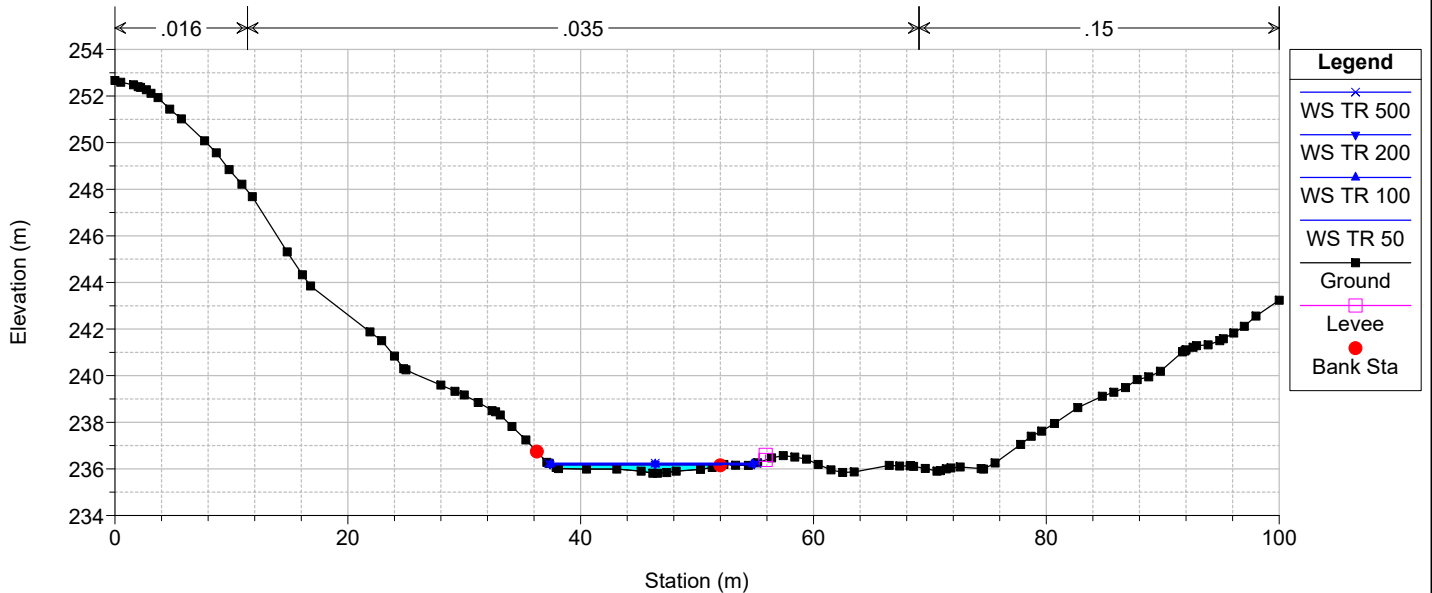
River = asta 1 Reach = 1secondo RS = 847.0979 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

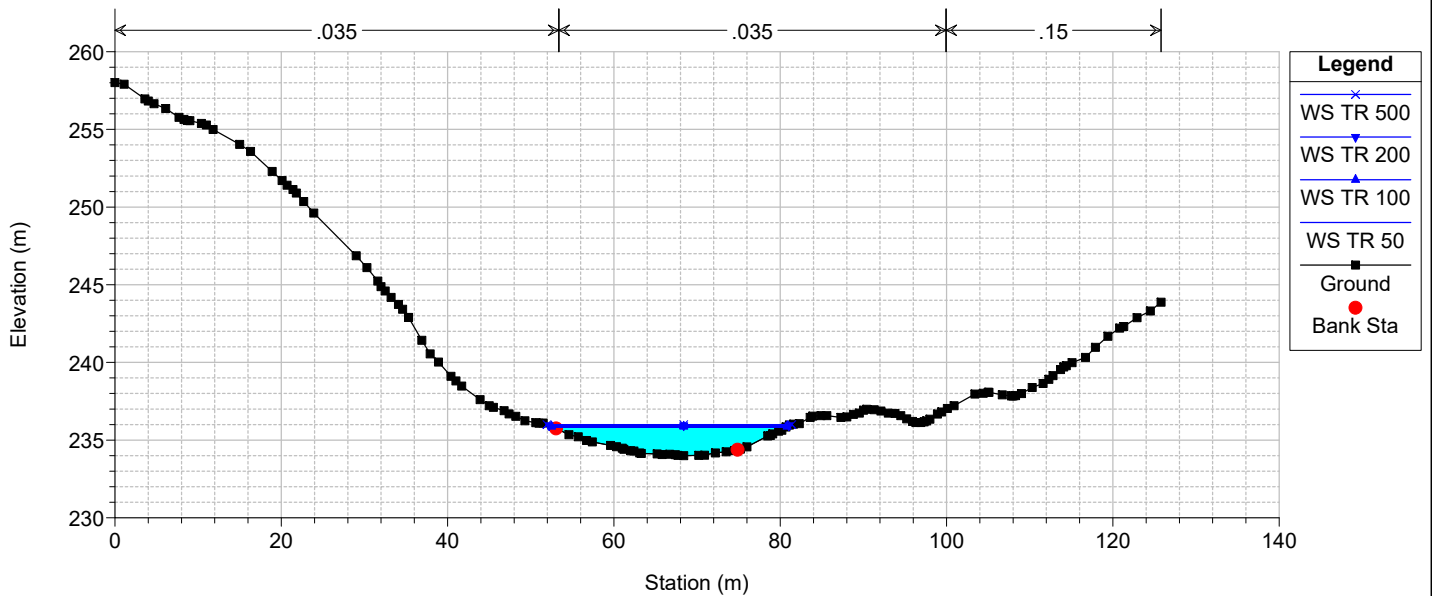
River = asta 1 Reach = 1secondo RS = 797.0979 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

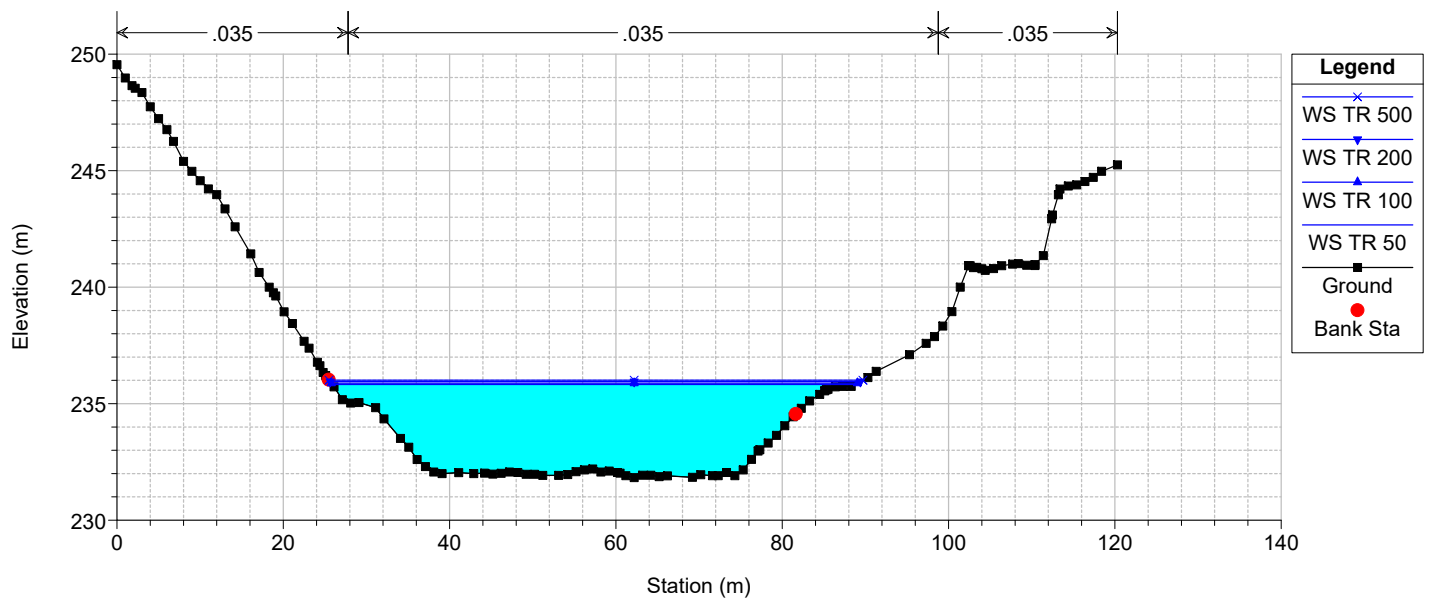
River = asta 1 Reach = 1secondo RS = 756.2216 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

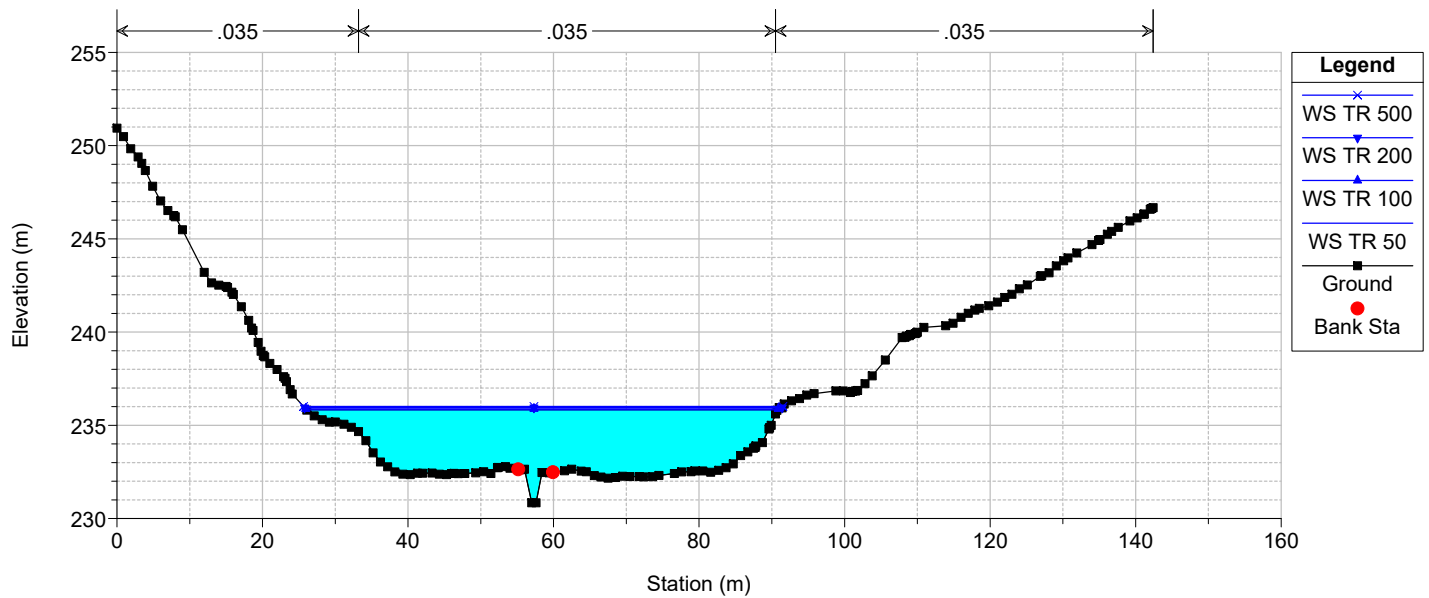
River = asta 1 Reach = 1terzo RS = 665.3969 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

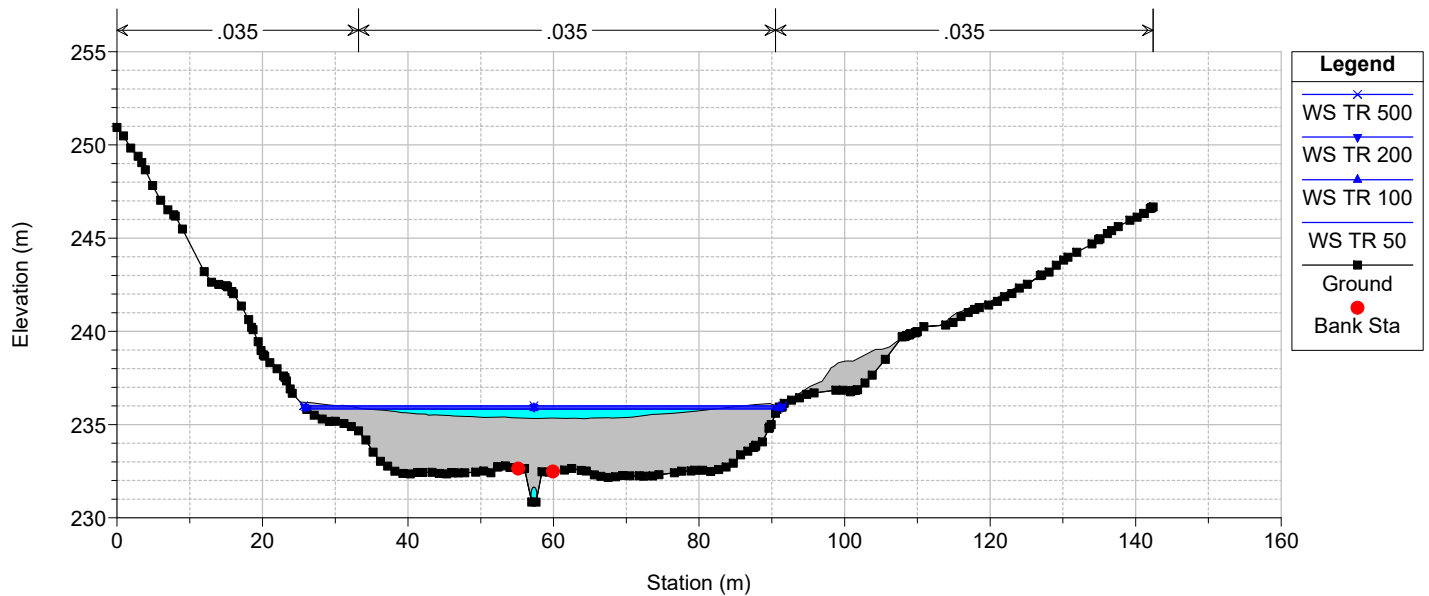
River = asta 1 Reach = 1terzo RS = 628.9595 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

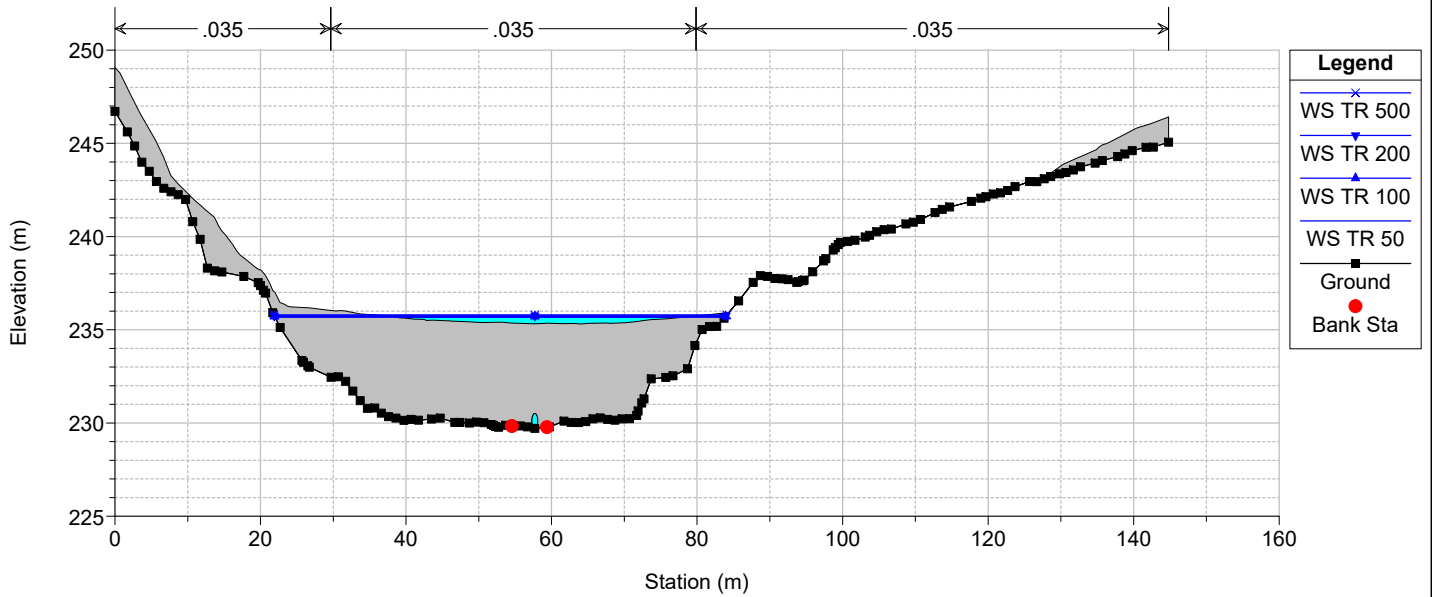
River = asta 1 Reach = 1terzo RS = 611.8935 Culv COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

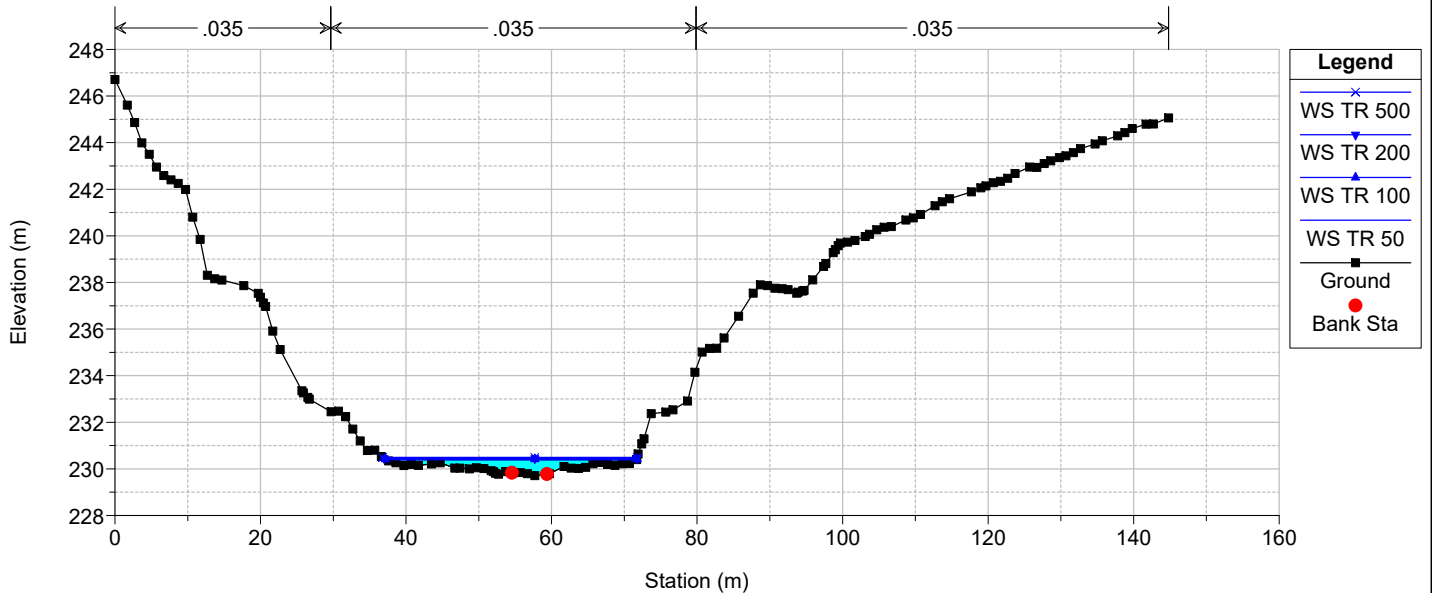
River = asta 1 Reach = 1terzo RS = 611.8935 Culv COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

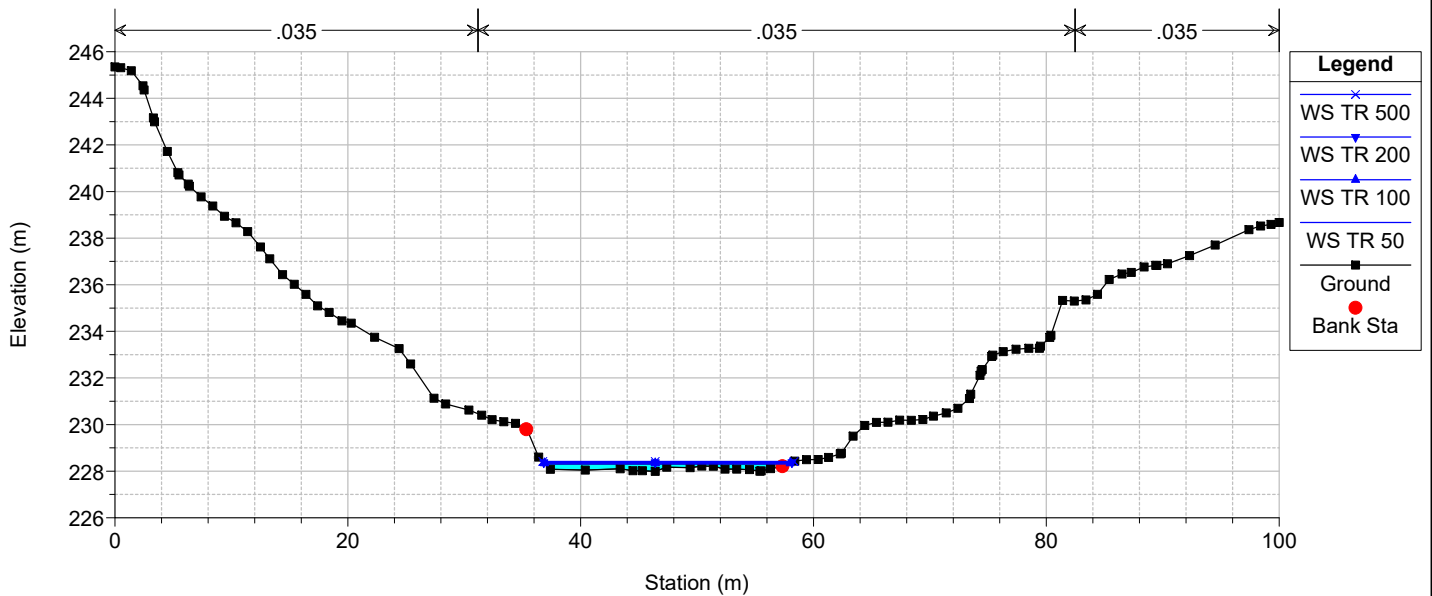
River = asta 1 Reach = 1terzo RS = 593.6747 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

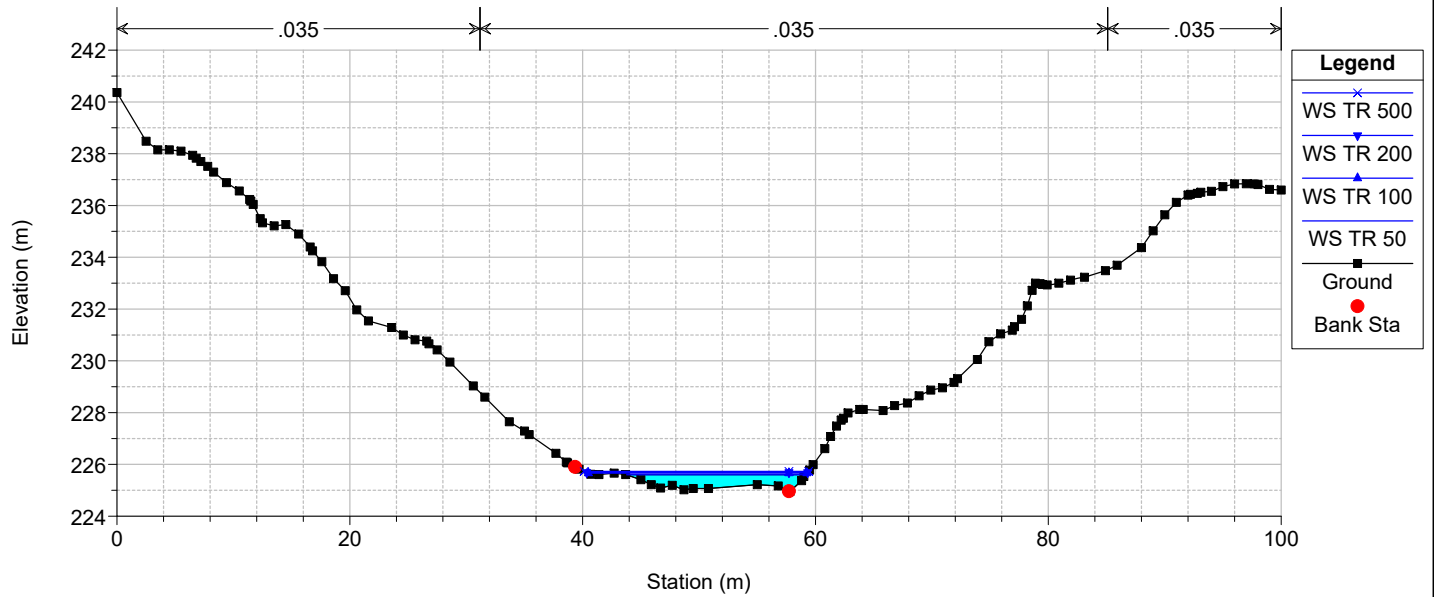
River = asta 1 Reach = 1terzo RS = 550 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

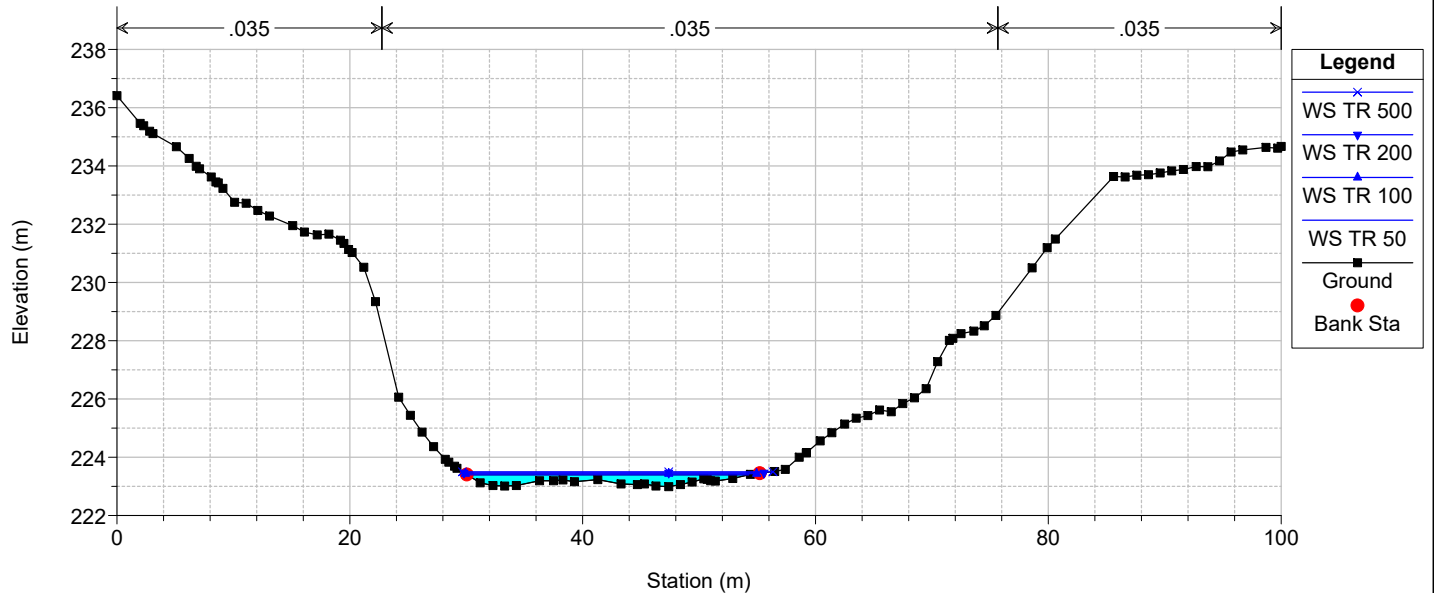
River = asta 1 Reach = 1terzo RS = 500 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

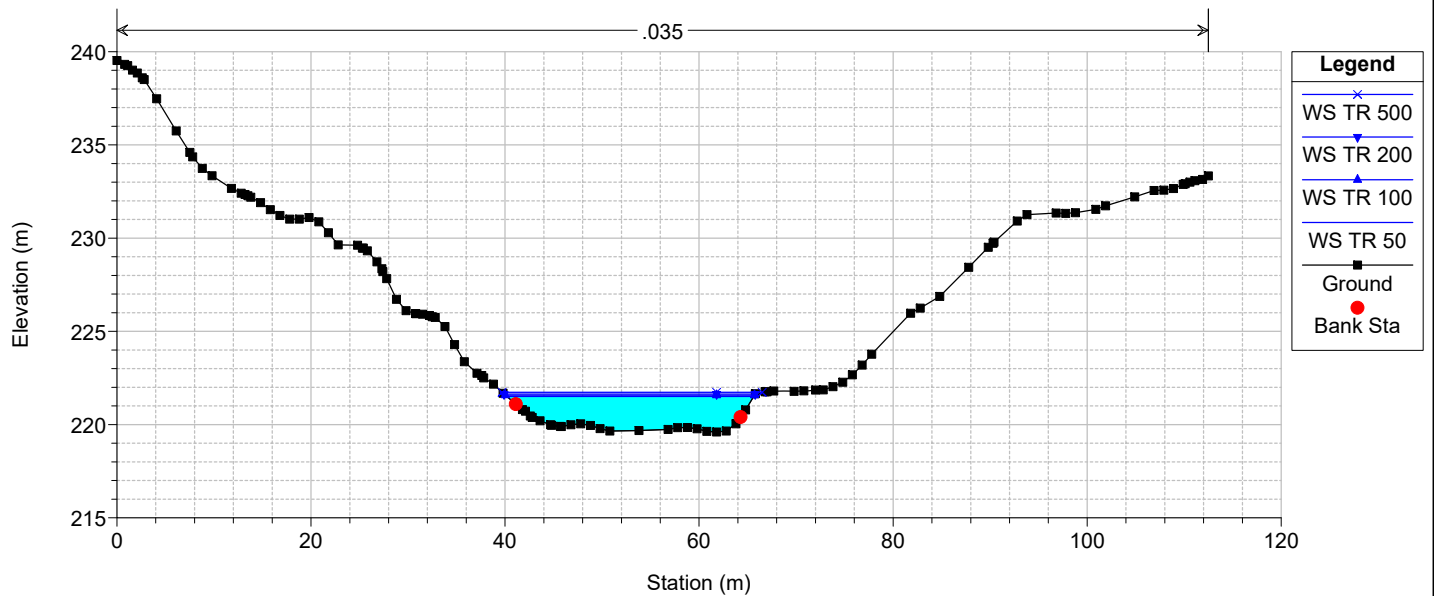
River = asta 1 Reach = 1terzo RS = 450 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

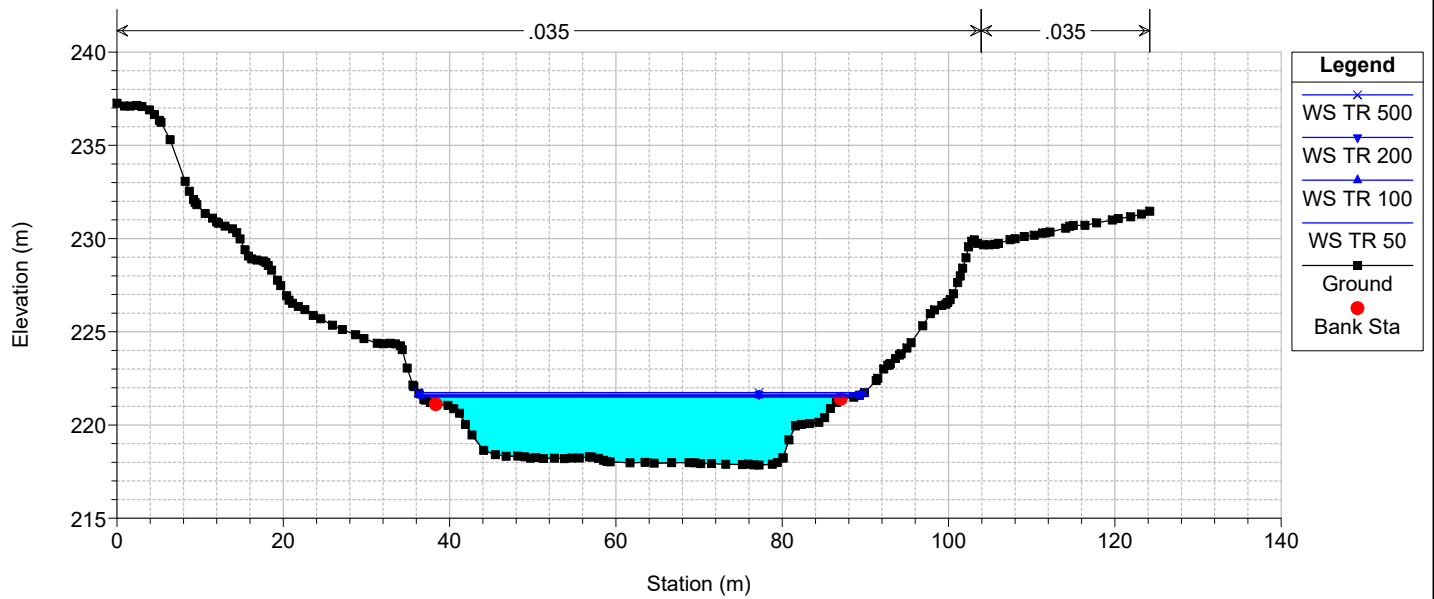
River = asta 1 Reach = 1terzo RS = 399.9642 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

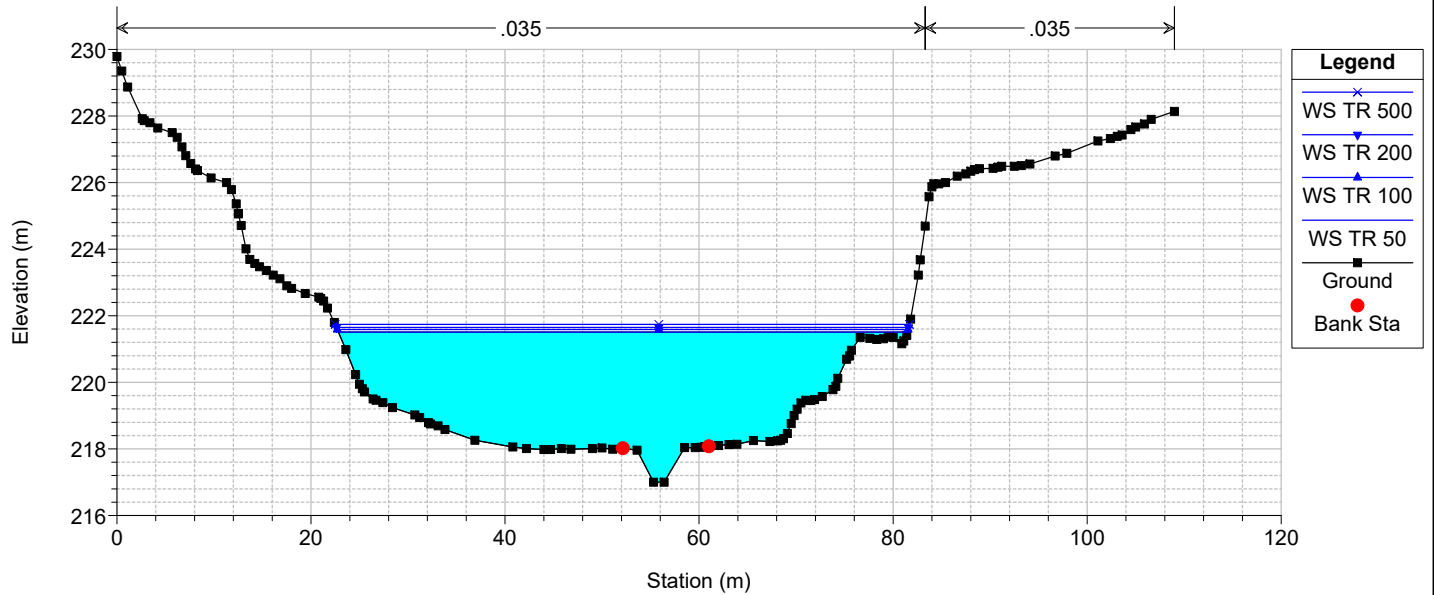
River = asta 1 Reach = 1quarto RS = 312.0842 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

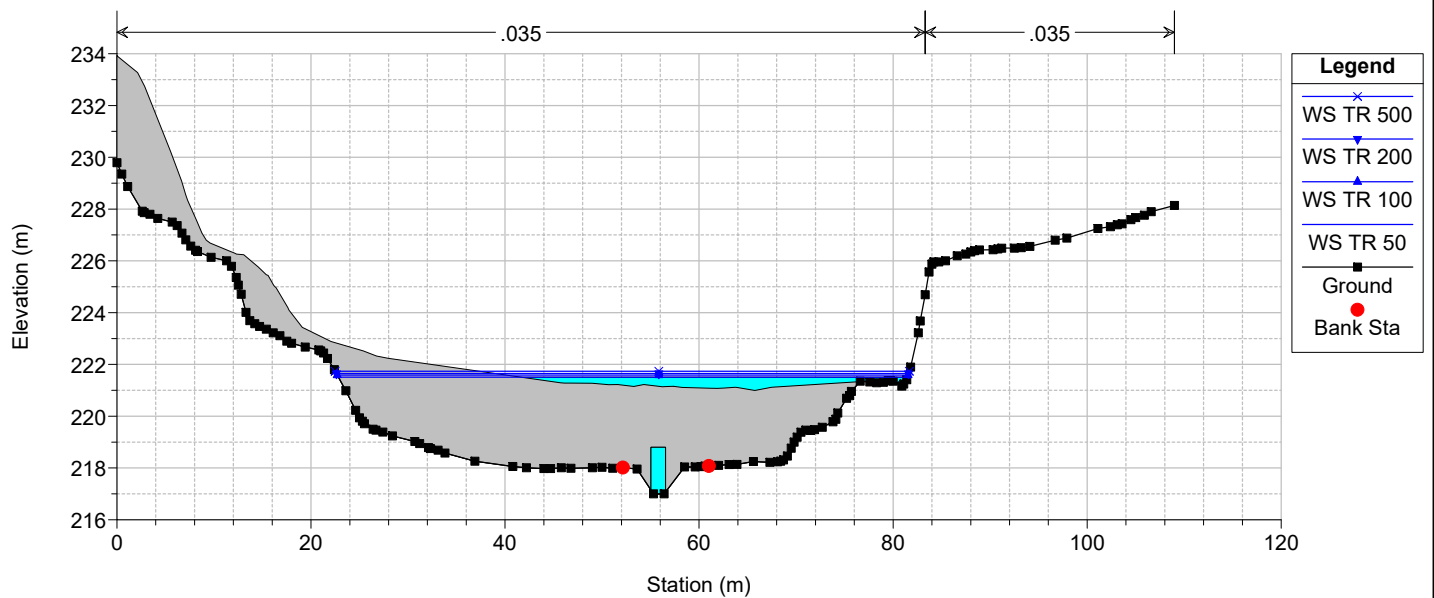
River = asta 1 Reach = 1quarto RS = 276.6383 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

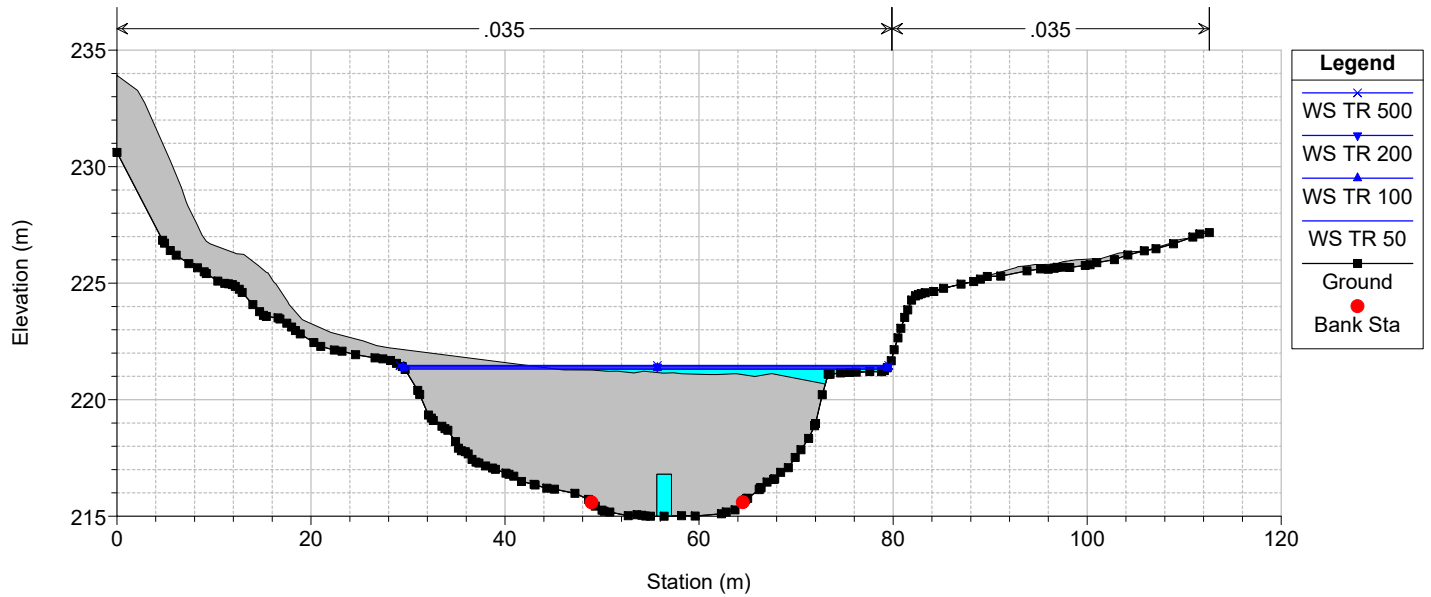
River = asta 1 Reach = 1quarto RS = 264.1112 Culv COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

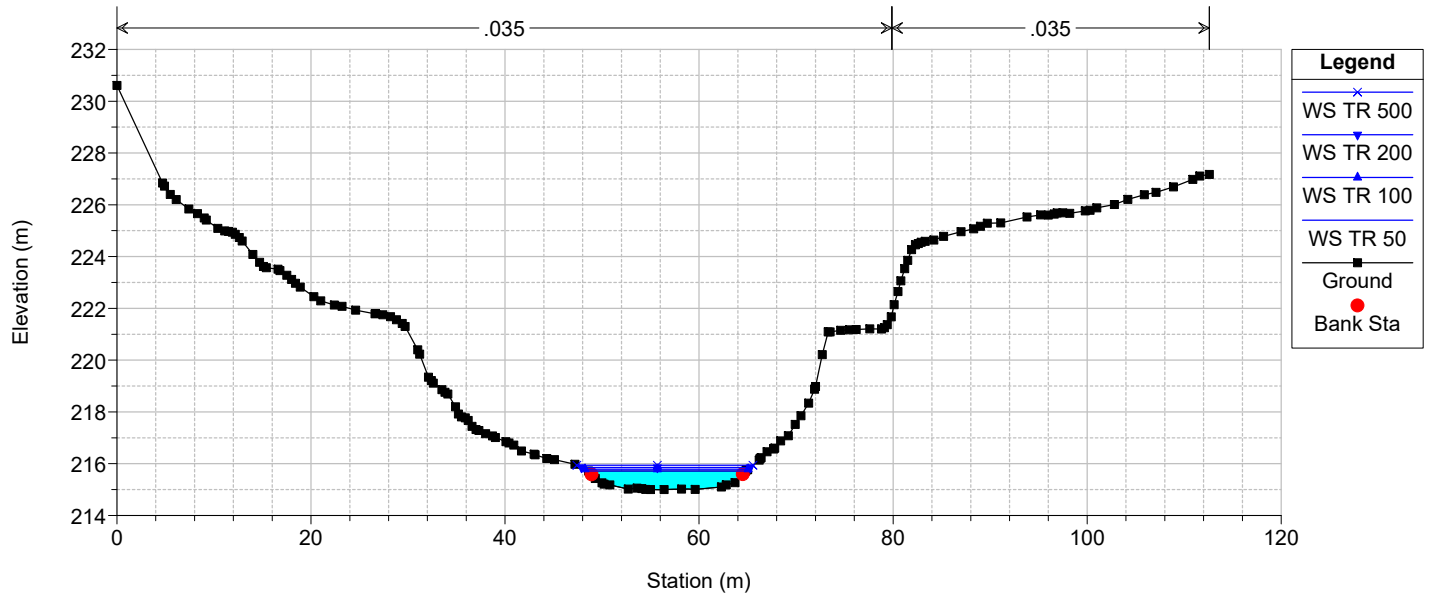
River = asta 1 Reach = 1quarto RS = 264.1112 Culv COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

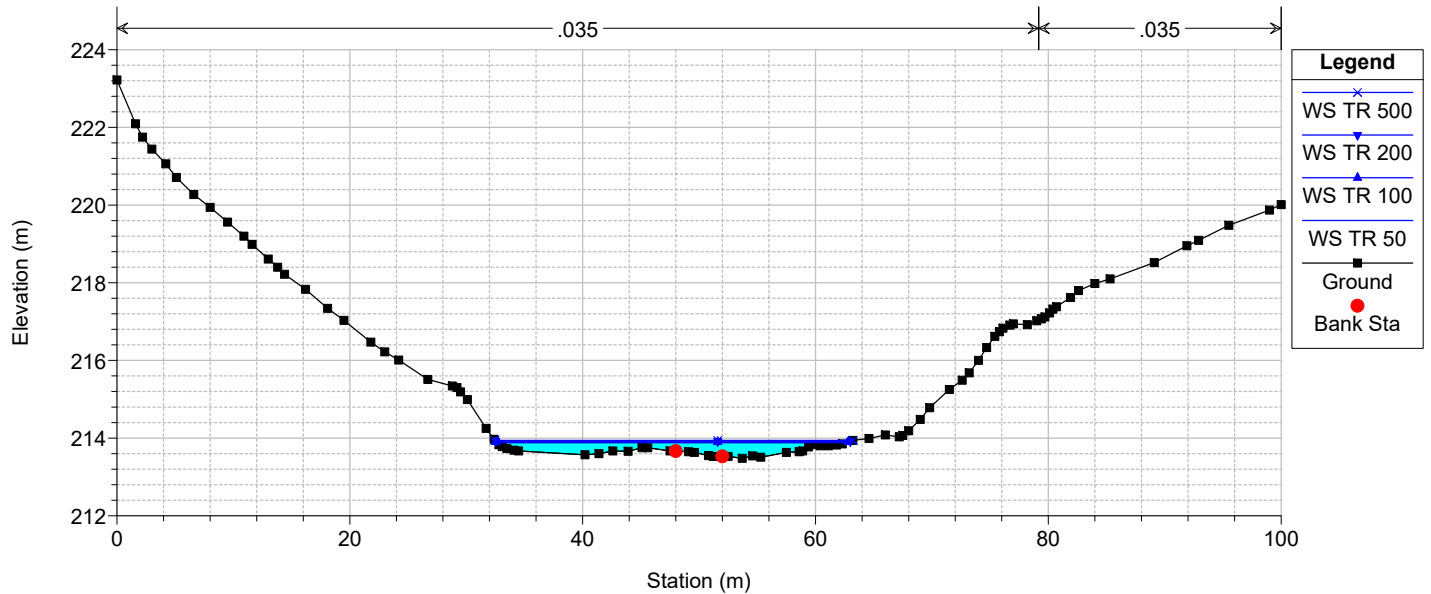
River = asta 1 Reach = 1quarto RS = 253.4021 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

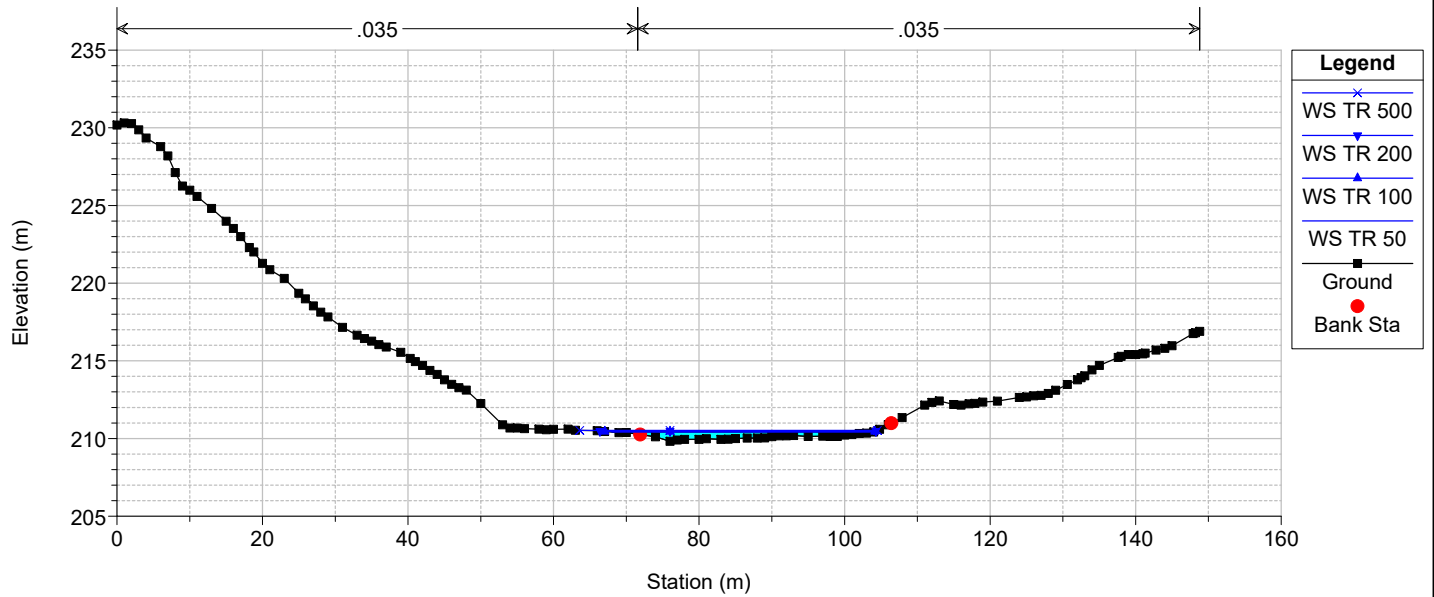
River = asta 1 Reach = 1quarto RS = 200 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

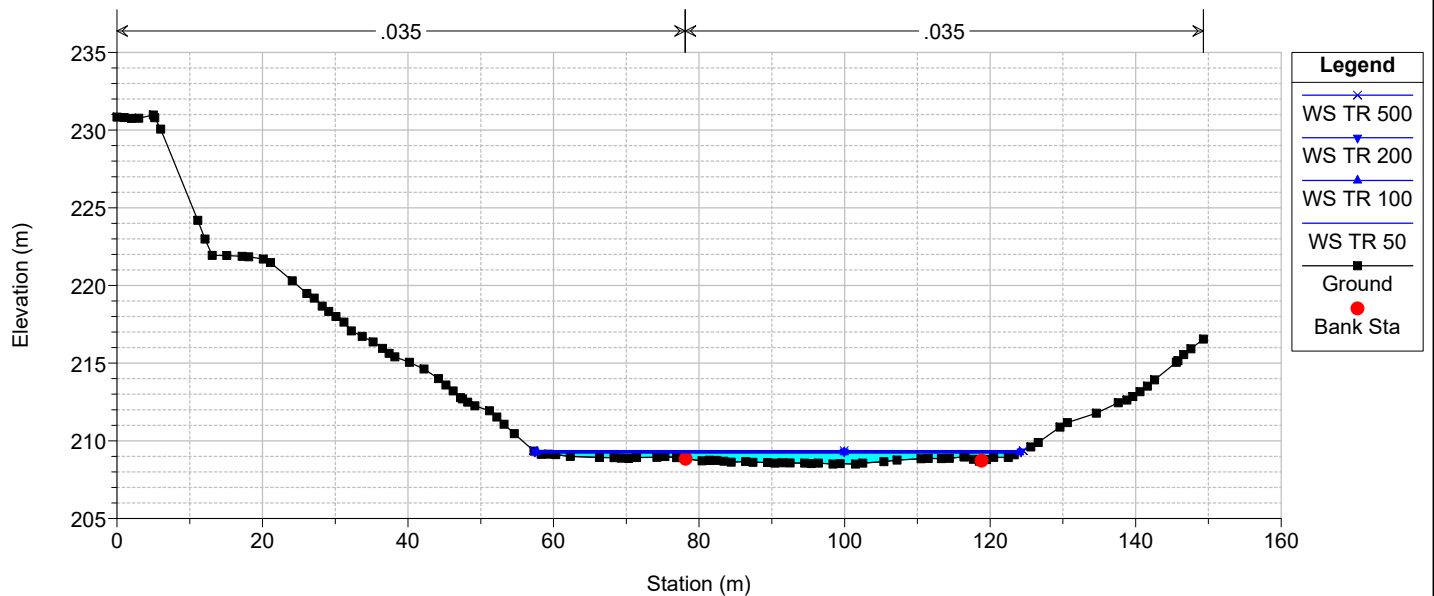
River = asta 1 Reach = rio sangiovanni RS = 104.3029 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



26-11-2012 Plan: 05022021 2/11/2021

Geom: 05022021 Flow: 05022021

River = asta 1 Reach = rio sangiovanni RS = 9.101309 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



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)	
1-a	2061.544	TR 50	2.81	314.99	314.66	314.66	314.84	0.018438		1.51	4.32	0.00
1-a	2061.544	TR 100	3.17	314.99	314.69	314.69	314.88	0.018262		1.65	4.48	0.00
1-a	2061.544	TR 200	3.55	314.99	314.72	314.72	314.92	0.018027		1.79	4.59	0.00
1-a	2061.544	TR 500	4.11	314.99	314.77	314.77	314.98	0.017659		1.99	4.74	0.00
1-a	2010.971	TR 50	2.81	309.18	309.40	309.64	311.73	0.746394	6.64	0.42	2.85	5.65
1-a	2010.971	TR 100	3.17	309.18	309.42	309.64	311.81	0.714607	6.71	0.46	3.01	5.58
1-a	2010.971	TR 200	3.55	309.18	309.43	309.66	311.90	0.673371	6.86	0.51	3.16	5.48
1-a	2010.971	TR 500	4.11	309.18	309.45	309.67	312.04	0.613529	7.12	0.58	3.37	5.34
1-a	1976.069	TR 50	2.81	305.94	306.30	306.40	306.64	0.050739	2.65	1.10	4.39	1.63
1-a	1976.069	TR 100	3.17	305.94	306.32	306.44	306.69	0.051557	2.78	1.19	4.47	1.66
1-a	1976.069	TR 200	3.55	305.94	306.34	306.47	306.74	0.052793	2.91	1.27	4.55	1.70
1-a	1976.069	TR 500	4.11	305.94	306.36	306.51	306.82	0.054859	3.10	1.38	4.65	1.75
1-a	1942.132	TR 50	2.81	303.70	304.03	304.18	304.50	0.078895	3.09	0.93	4.17	2.01
1-a	1942.132	TR 100	3.17	303.70	304.05	304.19	304.55	0.077551	3.18	1.02	4.33	2.01
1-a	1942.132	TR 200	3.55	303.70	304.07	304.21	304.59	0.076614	3.25	1.12	4.58	2.01
1-a	1942.132	TR 500	4.11	303.70	304.10	304.22	304.64	0.075991	3.30	1.33	12.02	2.01
1primo	1847.097	TR 50	5.83	292.68	293.69	293.39	293.74	0.042994	0.95	6.32	11.85	0.40
1primo	1847.097	TR 100	6.67	292.68	293.74	293.43	293.79	0.043240	1.00	6.87	12.19	0.41
1primo	1847.097	TR 200	7.55	292.68	293.78	293.47	293.84	0.043585	1.05	7.43	12.52	0.41
1primo	1847.097	TR 500	8.84	292.68	293.85	293.51	293.91	0.043926	1.12	8.22	12.88	0.42
1primo	1797.097	TR 50	5.83	288.50	289.15	289.15	289.34	0.268681	1.96	3.10	8.35	0.95
1primo	1797.097	TR 100	6.67	288.50	289.18	289.18	289.39	0.264465	2.05	3.41	8.50	0.95
1primo	1797.097	TR 200	7.55	288.50	289.22	289.22	289.44	0.257869	2.12	3.73	8.65	0.95
1primo	1797.097	TR 500	8.84	288.50	289.27	289.27	289.51	0.252039	2.24	4.17	8.85	0.96
1primo	1747.097	TR 50	5.83	281.88	282.61	282.36	282.65	0.042885	0.88	6.86	14.27	0.39
1primo	1747.097	TR 100	6.67	281.88	282.65	282.39	282.69	0.043994	0.93	7.44	14.50	0.40
1primo	1747.097	TR 200	7.55	281.88	282.69	282.42	282.74	0.044280	0.97	8.06	14.76	0.41
1primo	1747.097	TR 500	8.84	281.88	282.75	282.46	282.80	0.045386	1.03	8.90	15.16	0.42
1primo	1697.097	TR 50	5.83	278.36	278.77	278.73	278.85	0.166821	1.07	4.76	16.38	0.69
1primo	1697.097	TR 100	6.67	278.36	278.80	278.75	278.89	0.159325	1.13	5.28	16.61	0.68
1primo	1697.097	TR 200	7.55	278.36	278.83	278.77	278.92	0.158980	1.19	5.74	16.81	0.69
1primo	1697.097	TR 500	8.84	278.36	278.87	278.80	278.97	0.153442	1.26	6.44	17.11	0.69
1primo	1662.802	TR 50	5.83	276.59	277.22		277.23	0.022110	0.60	9.87	21.64	0.28
1primo	1662.802	TR 100	6.67	276.59	277.25		277.27	0.022384	0.63	10.69	21.73	0.28
1primo	1662.802	TR 200	7.55	276.59	277.29		277.32	0.022210	0.67	11.56	21.83	0.29
1primo	1662.802	TR 500	8.84	276.59	277.35		277.37	0.022303	0.71	12.74	21.97	0.29
1primo	1629.369	TR 50	5.83	274.70	275.18	275.18	275.36	0.319965	1.92	3.13	8.94	1.01
1primo	1629.369	TR 100	6.67	274.70	275.22	275.22	275.41	0.299279	1.96	3.50	9.22	0.99
1primo	1629.369	TR 200	7.55	274.70	275.25	275.25	275.45	0.302146	2.05	3.79	9.40	1.01
1primo	1629.369	TR 500	8.84	274.70	275.30	275.30	275.52	0.288617	2.13	4.28	9.69	1.00
1secondo	1522.259	TR 50	12.57	270.46	272.62	270.88	272.62	0.000023	0.19	66.25	38.65	0.05
1secondo	1522.259	TR 100	14.79	270.46	272.69	270.91	272.69	0.000028	0.22	69.03	38.81	0.05
1secondo	1522.259	TR 200	17.06	270.46	272.76	270.94	272.76	0.000033	0.24	71.87	38.96	0.06
1secondo	1522.259	TR 500	20.20	270.46	272.87	270.99	272.88	0.000038	0.27	76.25	39.20	0.06
1secondo	1509.356	TR 50	12.57	270.22	272.62	270.70	272.62	0.000047	0.20	63.07	33.39	0.05
1secondo	1509.356	TR 100	14.79	270.22	272.69	270.74	272.69	0.000059	0.23	65.47	33.70	0.05
1secondo	1509.356	TR 200	17.06	270.22	272.76	270.77	272.76	0.000070	0.26	67.93	34.00	0.06
1secondo	1509.356	TR 500	20.20	270.22	272.87	270.82	272.88	0.000083	0.29	71.76	34.47	0.06
1secondo	1497.430		Culvert									
1secondo	1487.672	TR 50	12.57	267.25	268.18	268.18	268.35	0.014773	1.90	7.14	21.56	0.95
1secondo	1487.672	TR 100	14.79	267.25	268.23	268.23	268.41	0.013997	1.98	8.11	22.24	0.94
1secondo	1487.672	TR 200	17.06	267.25	268.26	268.26	268.46	0.013867	2.08	8.96	22.76	0.95
1secondo	1487.672	TR 500	20.20	267.25	268.32	268.32	268.54	0.013467	2.19	10.14	23.48	0.95
1secondo	1447.097	TR 50	12.57	265.20	265.72	265.94	266.72	0.239299	4.47	2.83	15.75	3.34
1secondo	1447.097	TR 100	14.79	265.20	265.74	265.98	266.84	0.237477	4.67	3.19	16.46	3.37
1secondo	1447.097	TR 200	17.06	265.20	265.77	266.02	266.92	0.223906	4.78	3.59	17.06	3.32
1secondo	1447.097	TR 500	20.20	265.20	265.79	266.05	267.03	0.216848	4.93	4.11	18.15	3.30
1secondo	1397.097	TR 50	12.57	263.20	263.85	263.87	264.13	0.019729	2.41	5.50	13.72	1.12
1secondo	1397.097	TR 100	14.79	263.20	263.90	263.98	264.21	0.019942	2.53	6.30	16.57	1.14
1secondo	1397.097	TR 200	17.06	263.20	263.95	264.02	264.28	0.020296	2.64	7.05	17.73	1.16
1secondo	1397.097	TR 500	20.20	263.20	264.00	264.07	264.36	0.020691	2.75	8.00	18.47	1.18
1secondo	1347.097	TR 50	12.57	260.86	261.13	261.31	261.88	0.173038	3.87	3.35	20.58	2.86
1secondo	1347.097	TR 100	14.79	260.86	261.15	261.36	261.97	0.165262	4.05	3.78	20.91	2.84
1secondo	1347.097	TR 200	17.06	260.86	261.18	261.39	262.04	0.155224	4.18	4.24	21.24	2.80
1secondo	1347.097	TR 500	20.20	260.86	261.20	261.44	262.13	0.143749	4.34	4.85	21.65	2.75
1secondo	1297.097	TR 50	12.57	258.08	259.12	258.60	259.15	0.017276	0.78	16.40	19.85	0.27
1secondo	1297.097	TR 100	14.79	258.08	259.21	258.65	259.24	0.017515	0.84	18.13	20.18	0.28
1secondo	1297.097	TR 200	17.06	258.08	259.29	258.69	259.33	0.017788	0.89	19.78	20.49	0.28

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)	
1secondo	1297.097	TR 500	20.20	258.08	259.39	258.74	259.44	0.018155	0.95	21.92	20.88	0.29
1secondo	1247.097	TR 50	12.57	255.88	256.66	256.66	256.87	0.304982	2.07	6.15	14.58	1.01
1secondo	1247.097	TR 100	14.79	255.88	256.72	256.72	256.94	0.300527	2.13	7.04	15.78	1.01
1secondo	1247.097	TR 200	17.06	255.88	256.77	256.77	257.01	0.294362	2.18	7.93	16.91	1.01
1secondo	1247.097	TR 500	20.20	255.88	256.84	256.84	257.09	0.287324	2.24	9.13	18.32	1.00
1secondo	1197.097	TR 50	12.57	252.59	253.04	253.11	253.31	0.030945	2.34	5.58	20.41	1.32
1secondo	1197.097	TR 100	14.79	252.59	253.07	253.15	253.37	0.031169	2.48	6.29	22.52	1.35
1secondo	1197.097	TR 200	17.06	252.59	253.10	253.19	253.43	0.031435	2.62	6.94	23.13	1.37
1secondo	1197.097	TR 500	20.20	252.59	253.13	253.23	253.51	0.031676	2.79	7.76	23.39	1.40
1secondo	1147.097	TR 50	12.57	250.76	251.07	251.15	251.35	0.051172	2.36	5.36	24.69	1.60
1secondo	1147.097	TR 100	14.79	250.76	251.09	251.18	251.41	0.050842	2.51	5.94	24.81	1.62
1secondo	1147.097	TR 200	17.06	250.76	251.11	251.21	251.46	0.050307	2.65	6.50	24.93	1.64
1secondo	1147.097	TR 500	20.20	250.76	251.14	251.26	251.54	0.049859	2.82	7.23	25.08	1.66
1secondo	1097.097	TR 50	12.57	248.42	248.78	248.85	249.04	0.041489	2.27	5.56	22.95	1.47
1secondo	1097.097	TR 100	14.79	248.42	248.81	248.89	249.10	0.041763	2.42	6.15	23.17	1.50
1secondo	1097.097	TR 200	17.06	248.42	248.83	248.92	249.16	0.042115	2.57	6.70	23.38	1.52
1secondo	1097.097	TR 500	20.20	248.42	248.86	248.97	249.24	0.042426	2.74	7.43	23.65	1.55
1secondo	1047.097	TR 50	12.57	246.72	247.09	247.13	247.29	0.029473	1.96	6.55	27.55	1.24
1secondo	1047.097	TR 100	14.79	246.72	247.12	247.17	247.34	0.029533	2.09	7.26	27.86	1.26
1secondo	1047.097	TR 200	17.06	246.72	247.14	247.20	247.38	0.029555	2.20	7.94	28.17	1.28
1secondo	1047.097	TR 500	20.20	246.72	247.17	247.24	247.45	0.029669	2.35	8.83	28.52	1.30
1secondo	997.0979	TR 50	12.57	244.38	244.74	244.84	245.07	0.072526	2.56	4.90	25.45	1.86
1secondo	997.0979	TR 100	14.79	244.38	244.76	244.87	245.13	0.071304	2.71	5.47	25.82	1.88
1secondo	997.0979	TR 200	17.06	244.38	244.78	244.90	245.19	0.070143	2.84	6.01	26.17	1.89
1secondo	997.0979	TR 500	20.20	244.38	244.81	244.94	245.27	0.068679	3.01	6.71	26.62	1.90
1secondo	947.0979	TR 50	12.57	241.95	242.35	242.42	242.60	0.035063	2.24	5.73	22.47	1.37
1secondo	947.0979	TR 100	14.79	241.95	242.38	242.45	242.66	0.035421	2.39	6.33	22.75	1.40
1secondo	947.0979	TR 200	17.06	241.95	242.40	242.49	242.72	0.035827	2.54	6.89	22.97	1.43
1secondo	947.0979	TR 500	20.20	241.95	242.43	242.53	242.80	0.036321	2.72	7.62	23.21	1.46
1secondo	897.0979	TR 50	12.57	239.81	240.25	240.30	240.47	0.052341	2.06	6.19	24.66	1.29
1secondo	897.0979	TR 100	14.79	239.81	240.28	240.34	240.53	0.051957	2.20	6.83	24.82	1.31
1secondo	897.0979	TR 200	17.06	239.81	240.30	240.37	240.58	0.051492	2.34	7.44	24.97	1.34
1secondo	897.0979	TR 500	20.20	239.81	240.34	240.41	240.65	0.050888	2.50	8.25	25.17	1.36
1secondo	847.0979	TR 50	12.57	238.62	239.09	239.09	239.22	0.019449	1.59	7.92	31.94	1.01
1secondo	847.0979	TR 100	14.79	238.62	239.12	239.12	239.27	0.018854	1.68	8.86	32.42	1.01
1secondo	847.0979	TR 200	17.06	238.62	239.15	239.15	239.31	0.017993	1.74	9.83	32.80	1.00
1secondo	847.0979	TR 500	20.20	238.62	239.19	239.19	239.36	0.017321	1.84	11.06	33.20	1.00
1secondo	797.0979	TR 50	12.57	235.81	236.17	236.38	237.01	0.159714	4.07	3.11	16.32	2.81
1secondo	797.0979	TR 100	14.79	235.81	236.20	236.42	237.12	0.153412	4.27	3.53	17.30	2.80
1secondo	797.0979	TR 200	17.06	235.81	236.22	236.46	237.23	0.151491	4.48	3.90	17.53	2.82
1secondo	797.0979	TR 500	20.20	235.81	236.25	236.51	237.35	0.145221	4.70	4.43	17.86	2.81
1secondo	756.2216	TR 50	12.57	234.00	235.82	234.59	235.83	0.000121	0.38	34.22	27.92	0.10
1secondo	756.2216	TR 100	14.79	234.00	235.88	234.64	235.89	0.000146	0.43	35.73	28.32	0.12
1secondo	756.2216	TR 200	17.06	234.00	235.94	234.69	235.95	0.000167	0.48	37.56	28.82	0.13
1secondo	756.2216	TR 500	20.20	234.00	236.00	234.75	236.01	0.000204	0.54	39.29	29.43	0.14
1terzo	665.3969	TR 50	18.04	231.83	235.83	232.27	235.83	0.000003	0.10	182.59	62.87	0.02
1terzo	665.3969	TR 100	21.23	231.83	235.88	232.30	235.88	0.000003	0.12	186.05	63.27	0.02
1terzo	665.3969	TR 200	24.48	231.83	235.95	232.33	235.95	0.000004	0.13	190.18	63.75	0.02
1terzo	665.3969	TR 500	28.94	231.83	236.01	232.37	236.01	0.000006	0.15	194.09	64.19	0.03
1terzo	628.9595	TR 50	18.04	230.84	235.83	232.63	235.83	0.000003	0.09	186.85	64.69	0.01
1terzo	628.9595	TR 100	21.23	230.84	235.88	232.66	235.88	0.000004	0.10	190.41	64.94	0.02
1terzo	628.9595	TR 200	24.48	230.84	235.95	232.69	235.95	0.000004	0.12	194.65	65.64	0.02
1terzo	628.9595	TR 500	28.94	230.84	236.01	232.74	236.01	0.000006	0.14	198.66	65.86	0.02
1terzo	611.8935		Culvert									
1terzo	593.6747	TR 50	18.04	229.71	230.39	230.39	230.54	0.011656	2.21	11.49	34.29	0.91
1terzo	593.6747	TR 100	21.23	229.71	230.42	230.42	230.59	0.012257	2.34	12.57	34.54	0.94
1terzo	593.6747	TR 200	24.48	229.71	230.45	230.45	230.64	0.012509	2.45	13.70	34.74	0.95
1terzo	593.6747	TR 500	28.94	229.71	230.49	230.49	230.70	0.012753	2.57	15.17	34.99	0.97
1terzo	550	TR 50	18.04	227.99	228.31	228.53	229.19	0.168316	4.16	4.35	20.87	2.88
1terzo	550	TR 100	21.23	227.99	228.34	228.58	229.24	0.140716	4.20	5.08	21.10	2.70
1terzo	550	TR 200	24.48	227.99	228.38	228.63	229.30	0.124470	4.28	5.76	21.31	2.59
1terzo	550	TR 500	28.94	227.99	228.41	228.68	229.41	0.112396	4.42	6.60	21.57	2.51
1terzo	500	TR 50	18.04	224.97	225.60	225.71	226.00	0.031139	2.84	6.44	15.36	1.39
1terzo	500	TR 100	21.23	224.97	225.66	225.77	226.07	0.033484	2.83	7.53	18.77	1.43
1terzo	500	TR 200	24.48	224.97	225.69	225.82	226.16	0.035337	3.04	8.11	18.99	1.48
1terzo	500	TR 500	28.94	224.97	225.73	225.89	226.28	0.037147	3.29	8.89	19.27	1.54
1terzo	450	TR 50	18.04	222.99	223.40	223.53	223.83	0.064313	2.91	6.19	24.19	1.84

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)	
1terzo	450	TR 100	21.23	222.99	223.44	223.57	223.89	0.058463	2.99	7.11	25.00	1.79
1terzo	450	TR 200	24.48	222.99	223.47	223.62	223.96	0.056072	3.11	7.88	25.76	1.78
1terzo	450	TR 500	28.94	222.99	223.50	223.67	224.05	0.054070	3.29	8.84	26.68	1.78
1terzo	399.9642	TR 50	18.04	219.60	221.50	220.23	221.52	0.000152	0.48	38.31	25.43	0.12
1terzo	399.9642	TR 100	21.23	219.60	221.58	220.28	221.59	0.000180	0.54	40.23	25.69	0.13
1terzo	399.9642	TR 200	24.48	219.60	221.64	220.33	221.66	0.000213	0.60	41.79	25.90	0.14
1terzo	399.9642	TR 500	28.94	219.60	221.73	220.39	221.75	0.000252	0.67	44.08	26.80	0.16
1quarto	312.0842	TR 50	23.24	217.85	221.51	218.42	221.51	0.000009	0.17	140.61	52.09	0.03
1quarto	312.0842	TR 100	27.17	217.85	221.59	218.46	221.59	0.000011	0.19	144.63	52.77	0.04
1quarto	312.0842	TR 200	31.17	217.85	221.65	218.50	221.65	0.000013	0.21	147.93	53.16	0.04
1quarto	312.0842	TR 500	36.71	217.85	221.74	218.55	221.74	0.000017	0.24	152.72	53.69	0.04
1quarto	276.6383	TR 50	23.24	217.00	221.51	218.39	221.51	0.000007	0.18	159.20	58.66	0.03
1quarto	276.6383	TR 100	27.17	217.00	221.59	218.43	221.59	0.000009	0.20	163.72	58.83	0.03
1quarto	276.6383	TR 200	31.17	217.00	221.65	218.48	221.65	0.000011	0.22	167.38	58.98	0.04
1quarto	276.6383	TR 500	36.71	217.00	221.74	218.53	221.74	0.000013	0.26	172.67	59.18	0.04
1quarto	264.1112		Culvert									
1quarto	253.4021	TR 50	23.24	215.00	215.72	215.72	216.02	0.014301	2.44	9.55	16.21	1.00
1quarto	253.4021	TR 100	27.17	215.00	215.79	215.79	216.12	0.013652	2.56	10.68	16.81	0.99
1quarto	253.4021	TR 200	31.17	215.00	215.85	215.85	216.21	0.012978	2.66	11.85	17.40	0.98
1quarto	253.4021	TR 500	36.71	215.00	215.94	215.94	216.34	0.012301	2.79	13.41	18.16	0.98
1quarto	200	TR 50	23.24	213.53	213.88	214.05	214.44	0.089374	3.70	7.09	29.98	2.21
1quarto	200	TR 100	27.17	213.53	213.90	214.10	214.55	0.096193	4.00	7.65	30.22	2.32
1quarto	200	TR 200	31.17	213.53	213.92	214.13	214.67	0.102730	4.29	8.17	30.44	2.42
1quarto	200	TR 500	36.71	213.53	213.94	214.18	214.82	0.109981	4.65	8.86	30.76	2.53
rio sangiovanni	104.3029	TR 50	54.90	209.82	210.41	210.76	211.78	0.146236	5.19	10.72	35.90	2.89
rio sangiovanni	104.3029	TR 100	64.39	209.82	210.45	210.82	211.97	0.144532	5.49	11.96	37.09	2.92
rio sangiovanni	104.3029	TR 200	74.04	209.82	210.48	210.87	212.14	0.142180	5.75	13.19	37.91	2.94
rio sangiovanni	104.3029	TR 500	87.25	209.82	210.52	210.94	212.37	0.139108	6.07	14.86	40.90	2.95
rio sangiovanni	9.101309	TR 50	54.90	208.50	209.22	209.22	209.43	0.012677	2.12	28.38	65.98	0.93
rio sangiovanni	9.101309	TR 100	64.39	208.50	209.27	209.27	209.50	0.012765	2.25	31.39	66.40	0.94
rio sangiovanni	9.101309	TR 200	74.04	208.50	209.31	209.31	209.56	0.012812	2.36	34.29	66.81	0.95
rio sangiovanni	9.101309	TR 500	87.25	208.50	209.37	209.37	209.65	0.012589	2.49	38.30	67.30	0.96

COMUNE DI SASSARI

Studio di Assetto Idraulico del territorio comunale

Variante al PAI ai sensi dell'art. 374 c.3 delle N.A.

Aggiornamento a seguito di prescrizioni (prot. N. 12928 del 30.12.2020)

Area di indagine: **TERRITORIO COMUNALE**

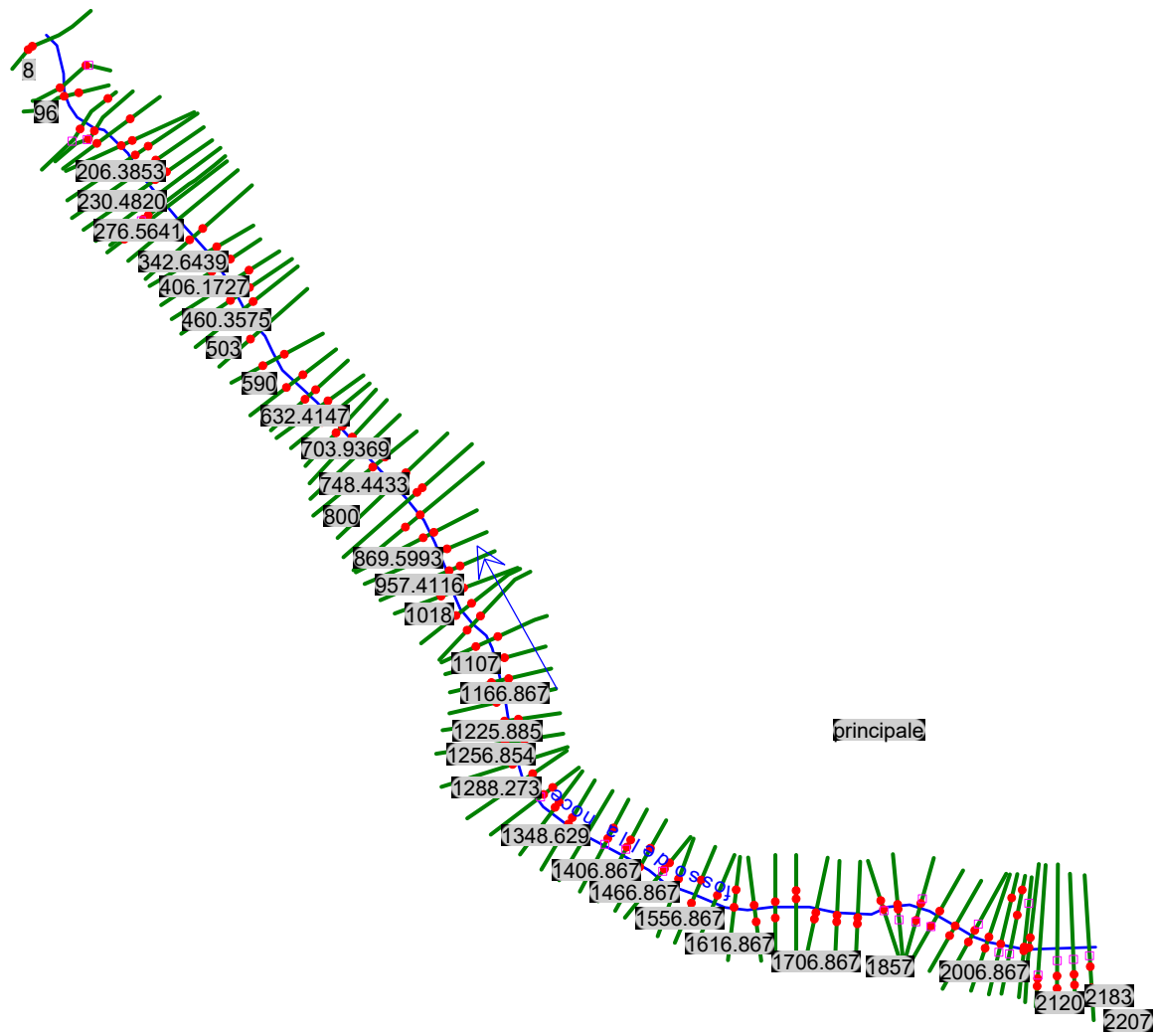
SIMULAZIONI IN MOTO PERMANENTE

Modello 2 : Fosso della Noce

- Schema planimetrico del modello matematico;
- Profili longitudinali con livelli idrici per i tempi di ritorno 50, 100, 200 e 500 anni;
- Sezioni trasversali con livelli idrici per tempi di ritorno 50, 100, 200 e 500 anni;
- Tabulati numerici di output per tempi di ritorno 50, 100, 200 e 500 anni;
- Calcolo della portata critica;
- Profilo longitudinale del livello idrico per il tempo di ritorno critico TC;
- Verifica dei franchi idraulici e della portata critica;

			PORTATE mc/s			
River	Reach	RS	TR 50	TR 100	TR 200	TR 500
fosso della noce	principale	2207	11.643	13.718	15.821	18.673
fosso della noce	principale	1706.867	17.693	20.892	24.125	28.473
fosso della noce	principale	684.2995	19.487	23.076	26.702	31.56

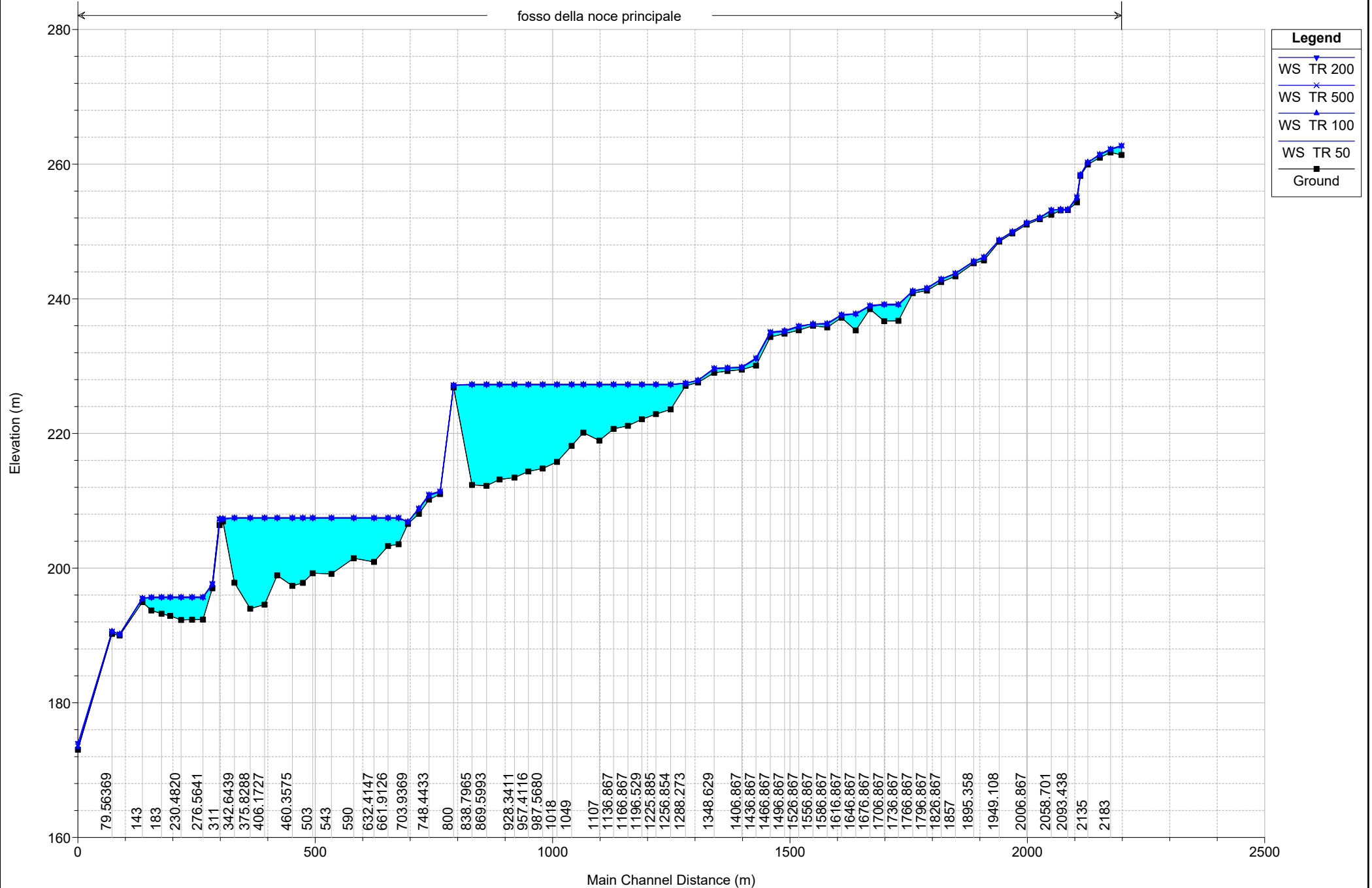
			condizioni al contorno	
River	Reach	PROFILI	upstream	downstream
fosso della noce	principale	all	Critical Depth	Critical Depth



FOSSO DELLA NOCE Plan: Plan 04 2/11/2021

Geom: 05022021 Flow: 11022021 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI

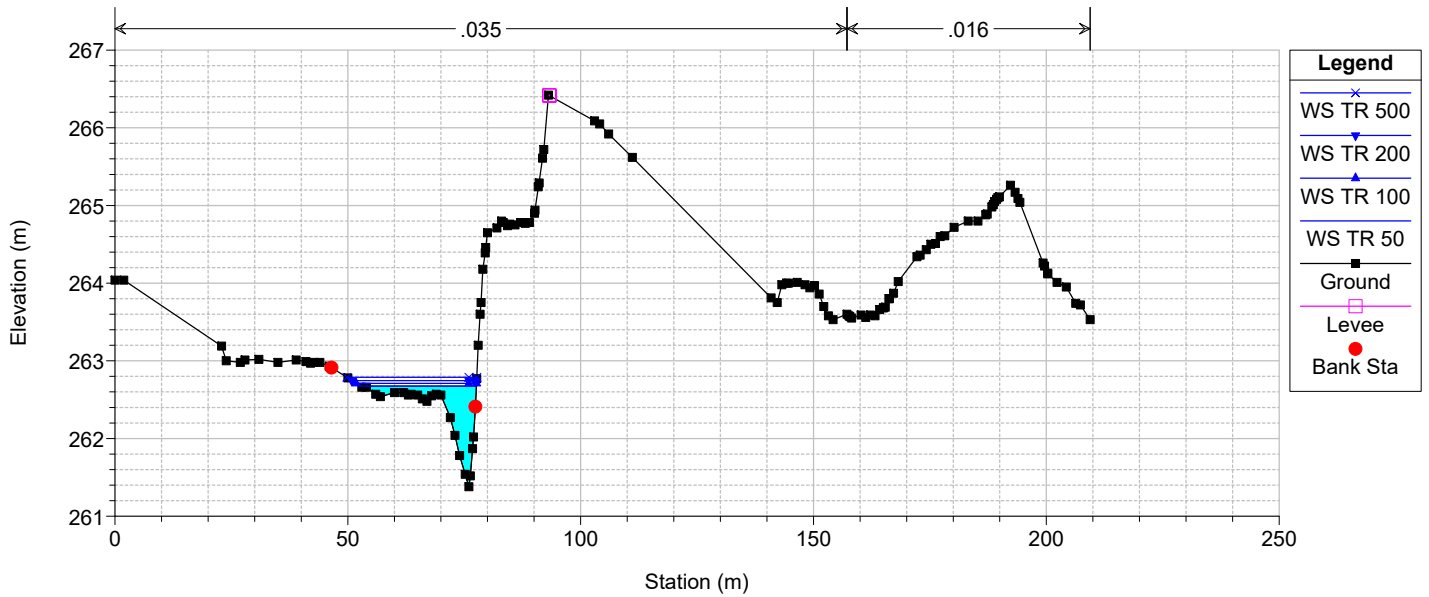
fosso della noce principale



FOSSO DELLA NOCE Plan: Plan 04 2/11/2021

Geom: 05022021 Flow: 11022021

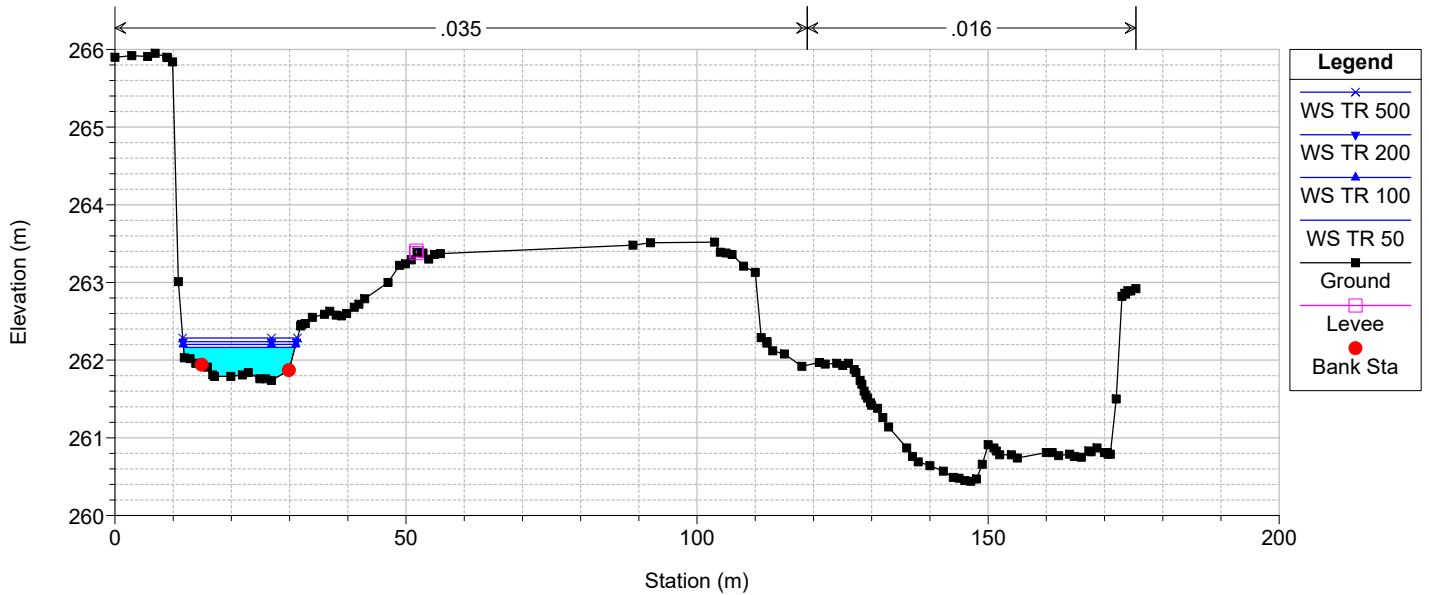
River = fosso della noce Reach = principale RS = 2207 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



FOSSO DELLA NOCE Plan: Plan 04 2/11/2021

Geom: 05022021 Flow: 11022021

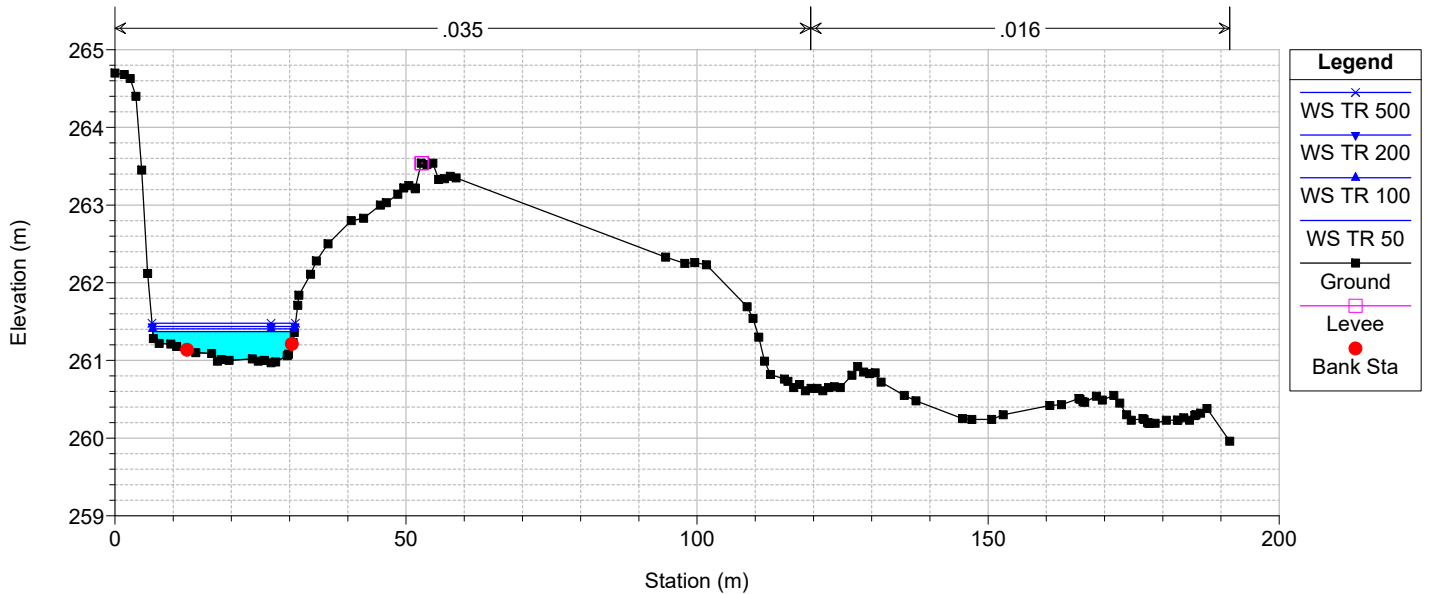
River = fosso della noce Reach = principale RS = 2183 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



FOSSO DELLA NOCE Plan: Plan 04 2/11/2021

Geom: 05022021 Flow: 11022021

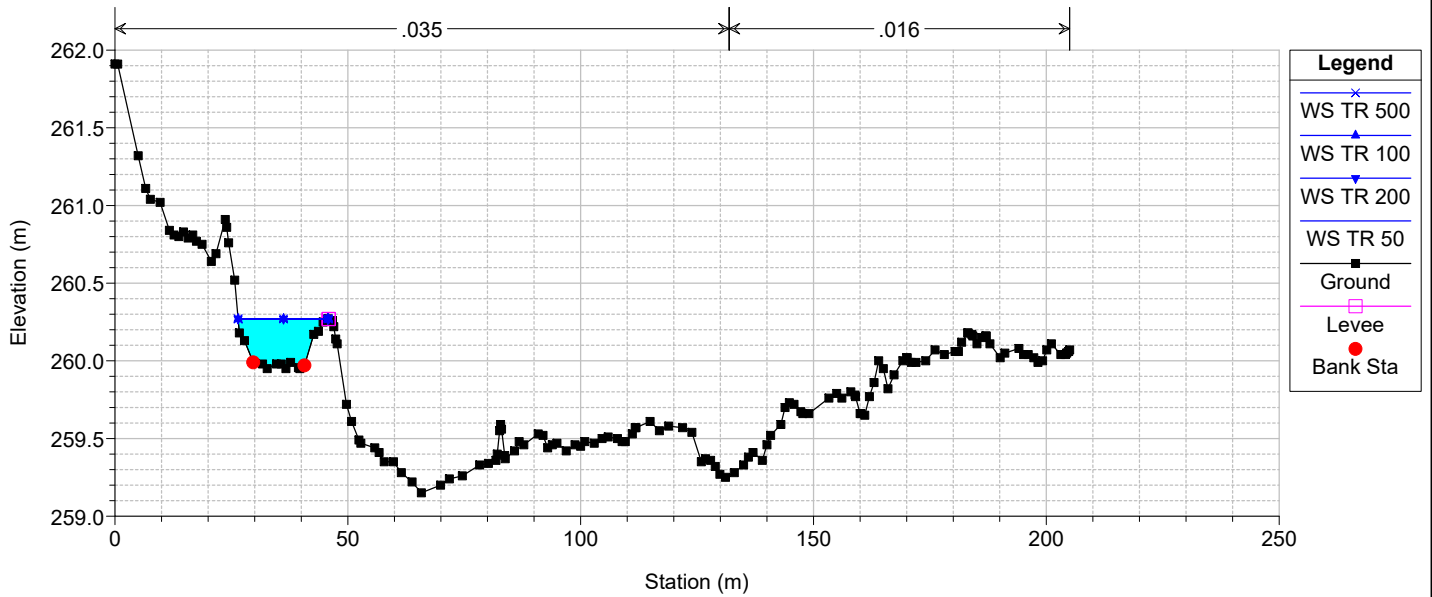
River = fosso della noce Reach = principale RS = 2161 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



FOSSO DELLA NOCE Plan: Plan 04 2/11/2021

Geom: 05022021 Flow: 11022021

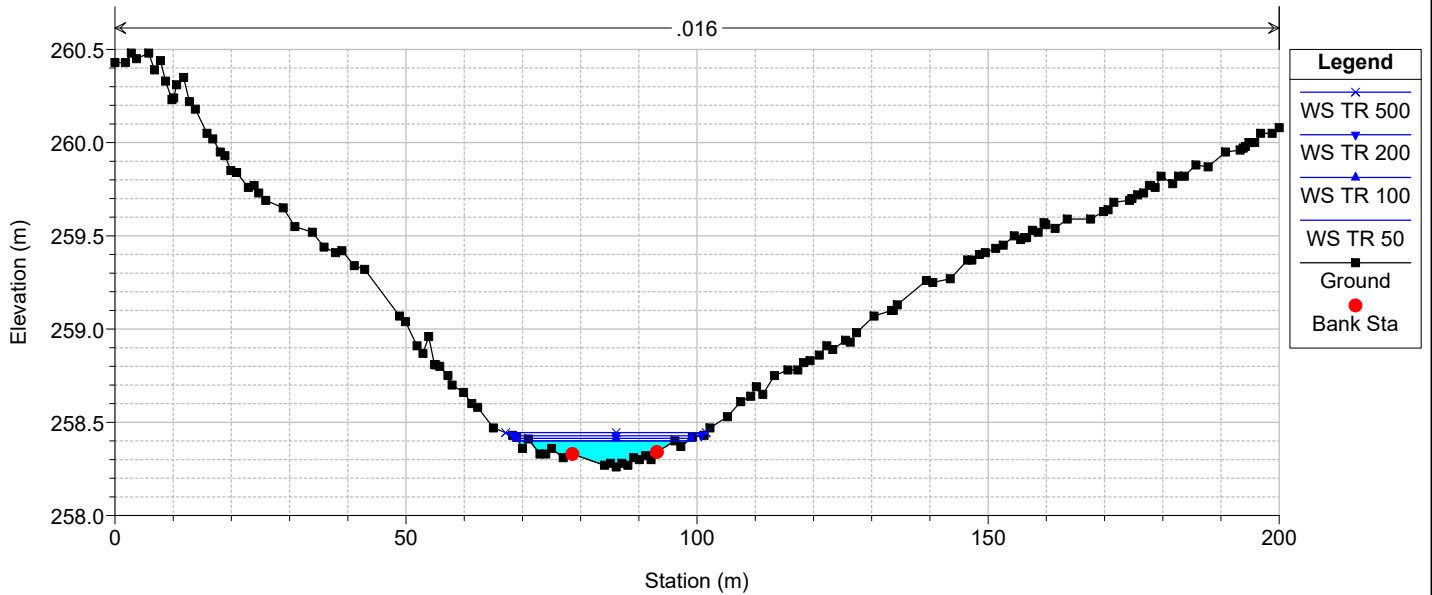
River = fosso della noce Reach = principale RS = 2135 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



FOSSO DELLA NOCE Plan: Plan 04 2/11/2021

Geom: 05022021 Flow: 11022021

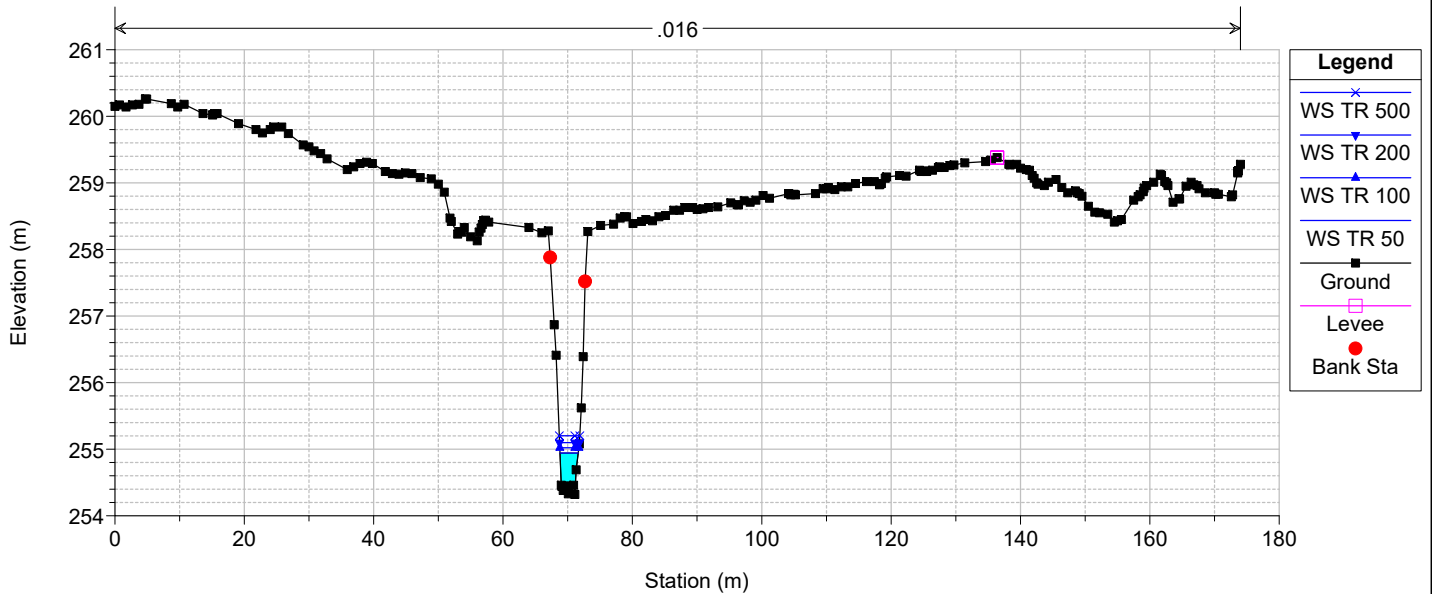
River = fosso della noce Reach = principale RS = 2120 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



FOSSO DELLA NOCE Plan: Plan 04 2/11/2021

Geom: 05022021 Flow: 11022021

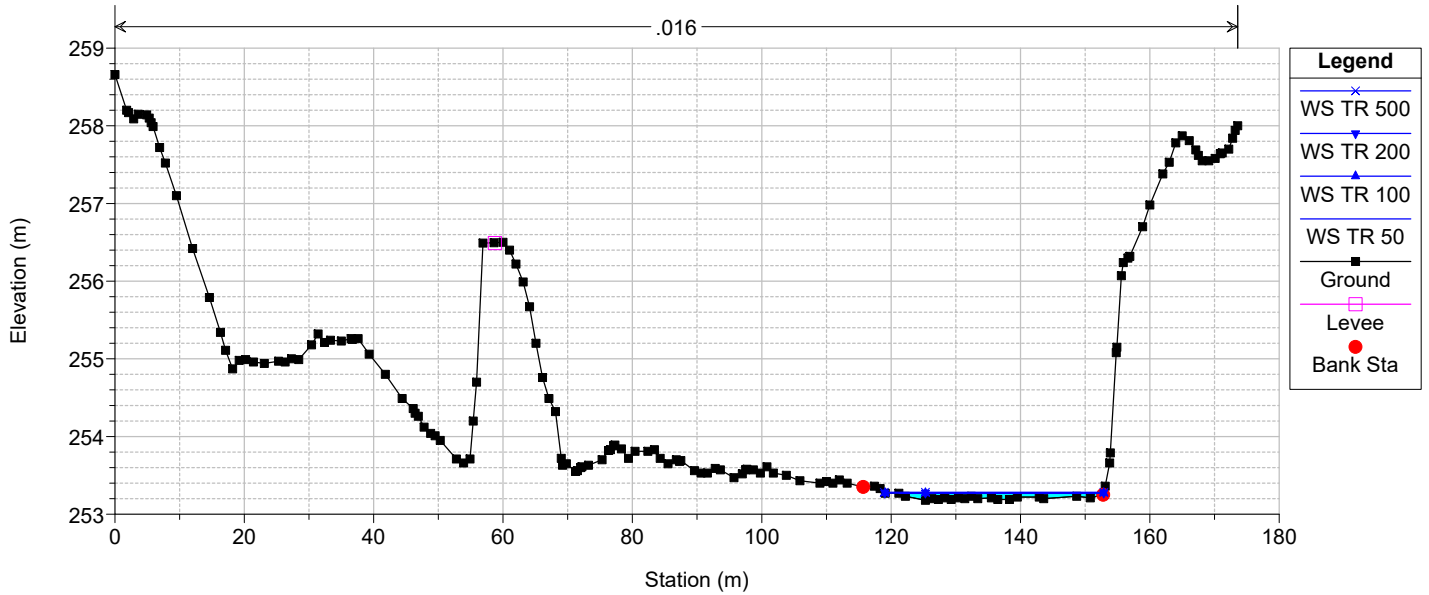
River = fosso della noce Reach = principale RS = 2112.597 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



FOSSO DELLA NOCE Plan: Plan 04 2/11/2021

Geom: 05022021 Flow: 11022021

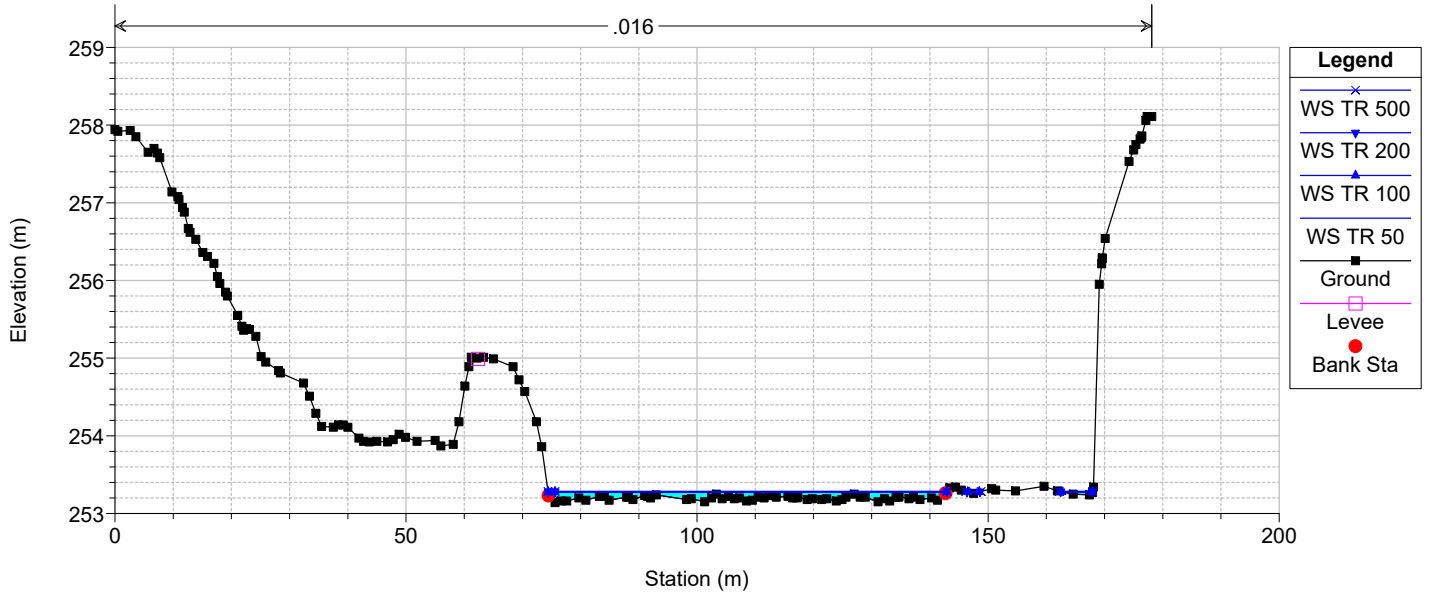
River = fosso della noce Reach = principale RS = 2093.438 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



FOSSO DELLA NOCE Plan: Plan 04 2/11/2021

Geom: 05022021 Flow: 11022021

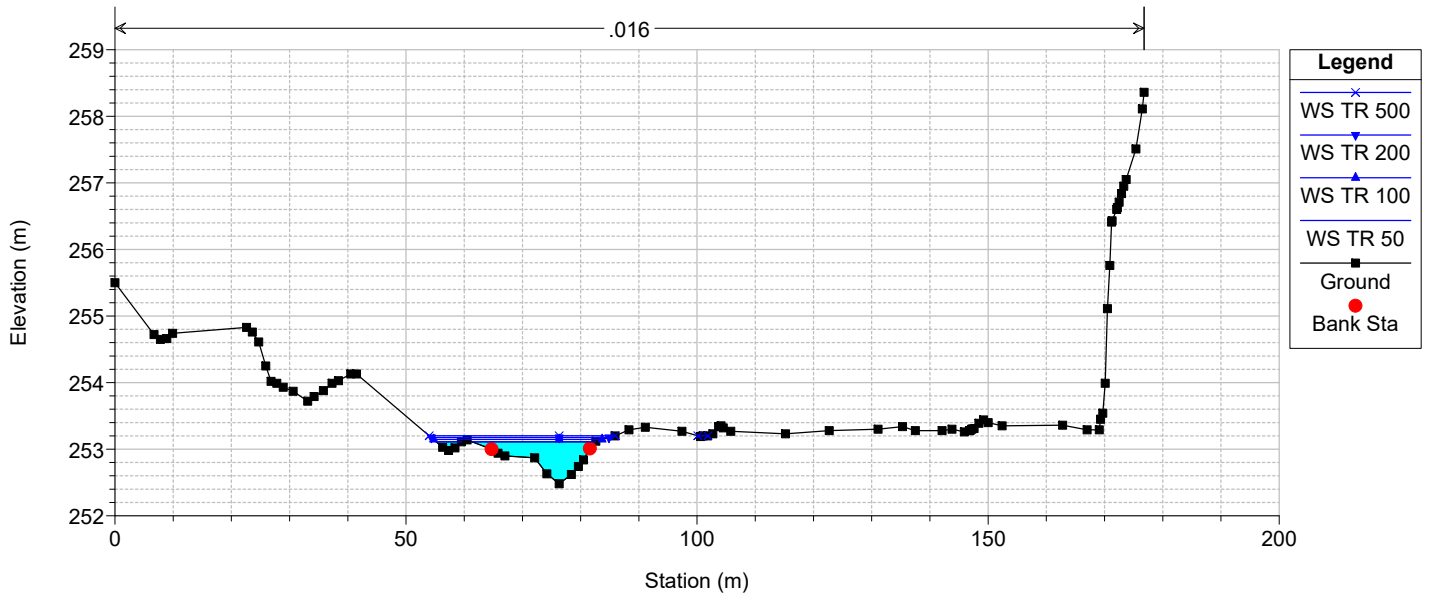
River = fosso della noce Reach = principale RS = 2078.252 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



FOSSO DELLA NOCE Plan: Plan 04 2/11/2021

Geom: 05022021 Flow: 11022021

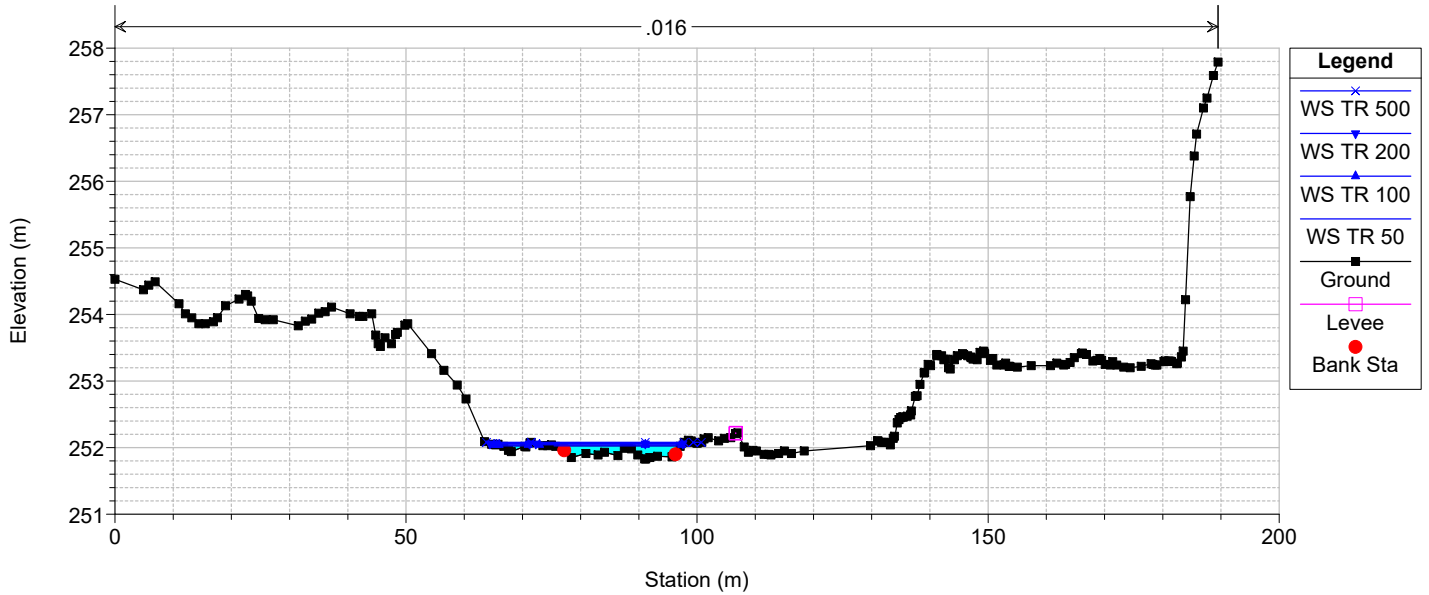
River = fosso della noce Reach = principale RS = 2058.701 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



FOSSO DELLA NOCE Plan: Plan 04 2/11/2021

Geom: 05022021 Flow: 11022021

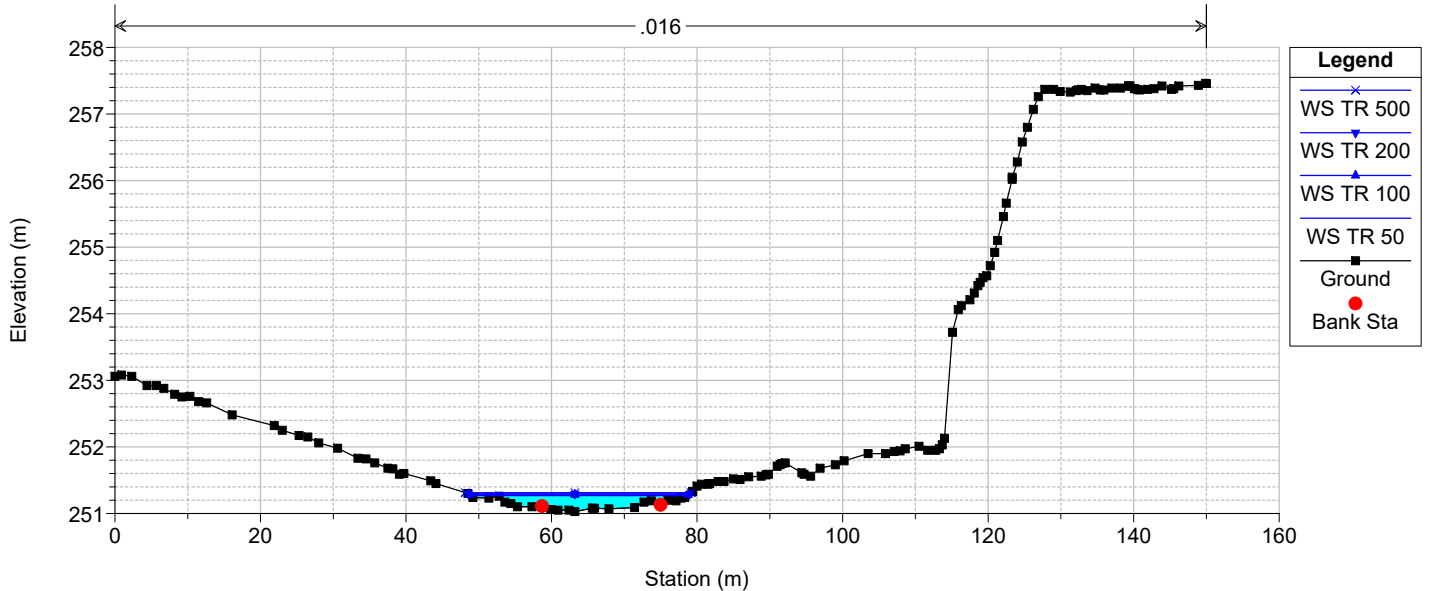
River = fosso della noce Reach = principale RS = 2034.741 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



FOSSO DELLA NOCE Plan: Plan 04 2/11/2021

Geom: 05022021 Flow: 11022021

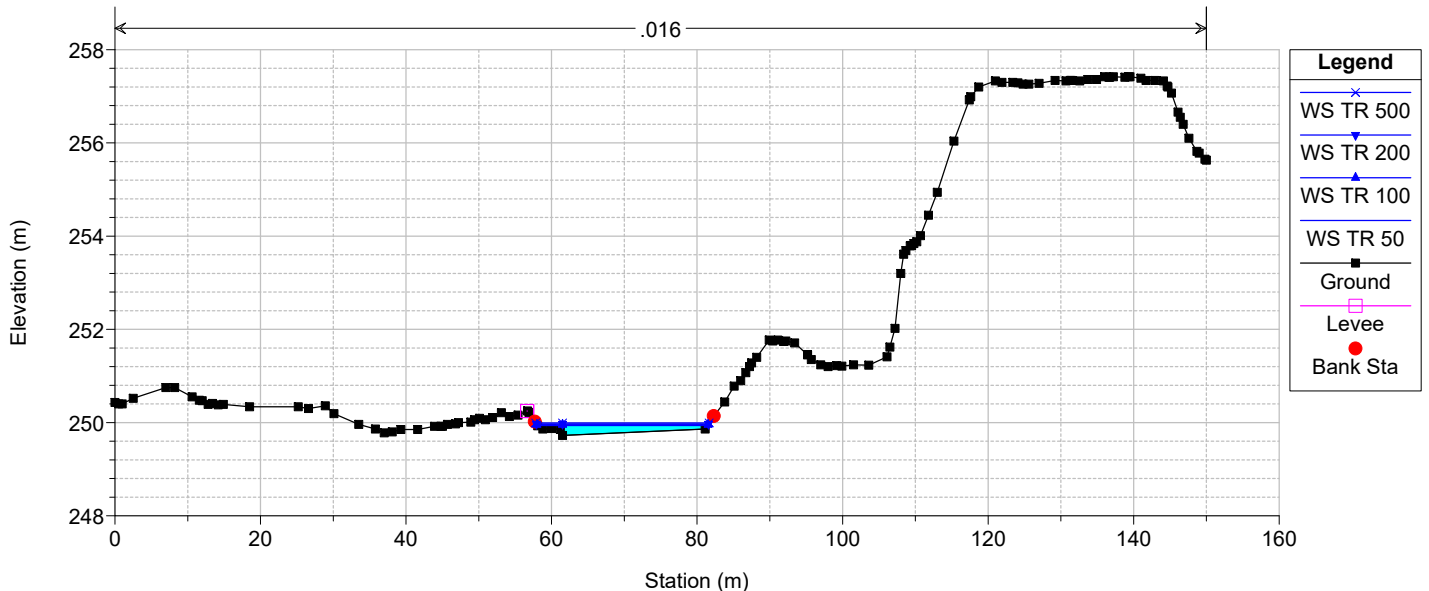
River = fosso della noce Reach = principale RS = 2006.867 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



FOSSO DELLA NOCE Plan: Plan 04 2/11/2021

Geom: 05022021 Flow: 11022021

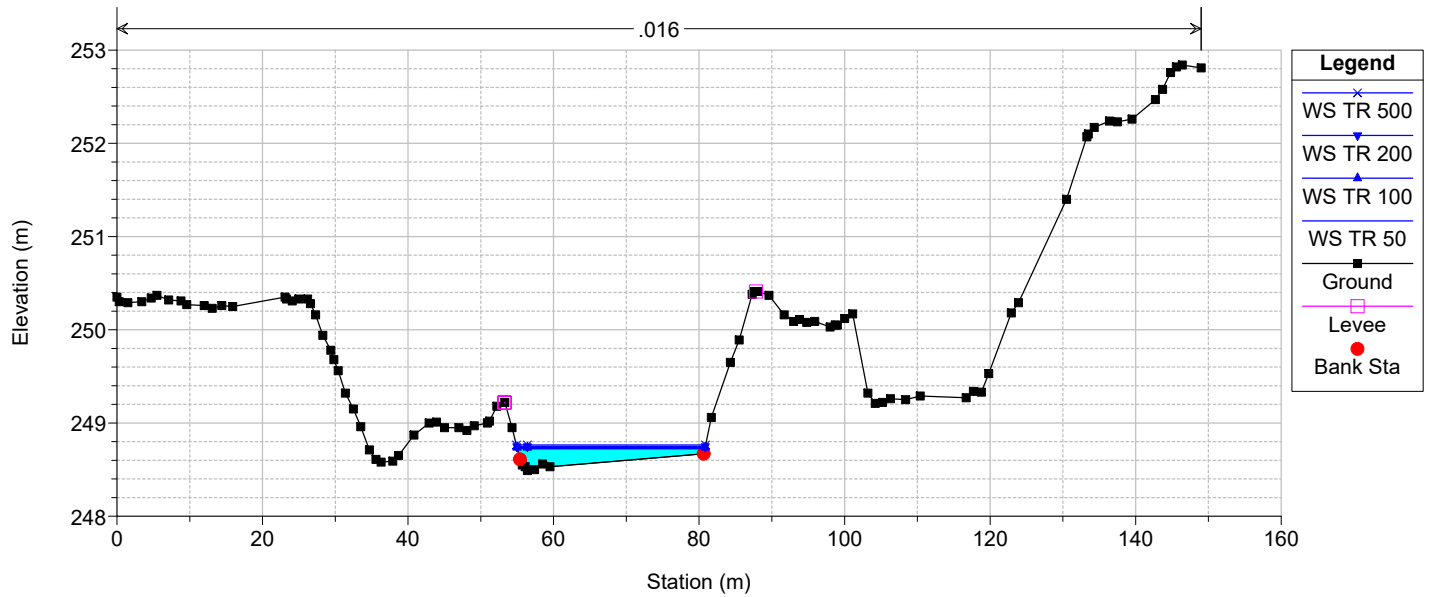
River = fosso della noce Reach = principale RS = 1976.867 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



FOSSO DELLA NOCE Plan: Plan 04 2/11/2021

Geom: 05022021 Flow: 11022021

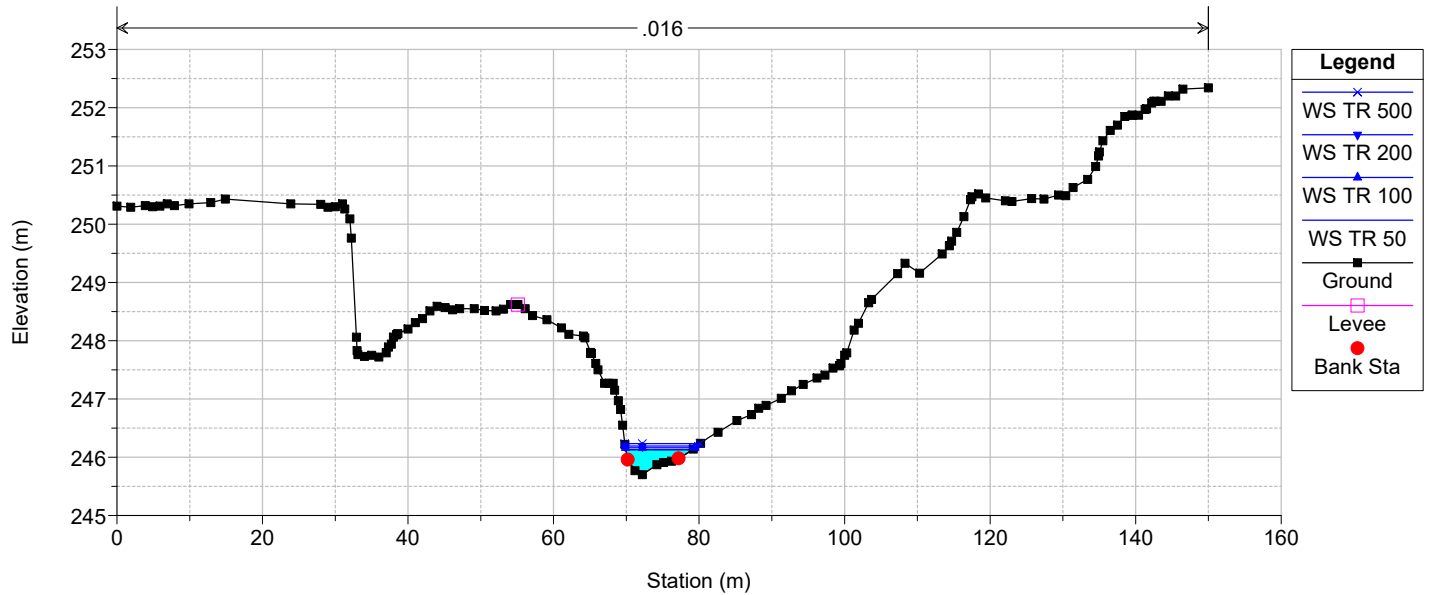
River = fosso della noce Reach = principale RS = 1949.108 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



FOSSO DELLA NOCE Plan: Plan 04 2/11/2021

Geom: 05022021 Flow: 11022021

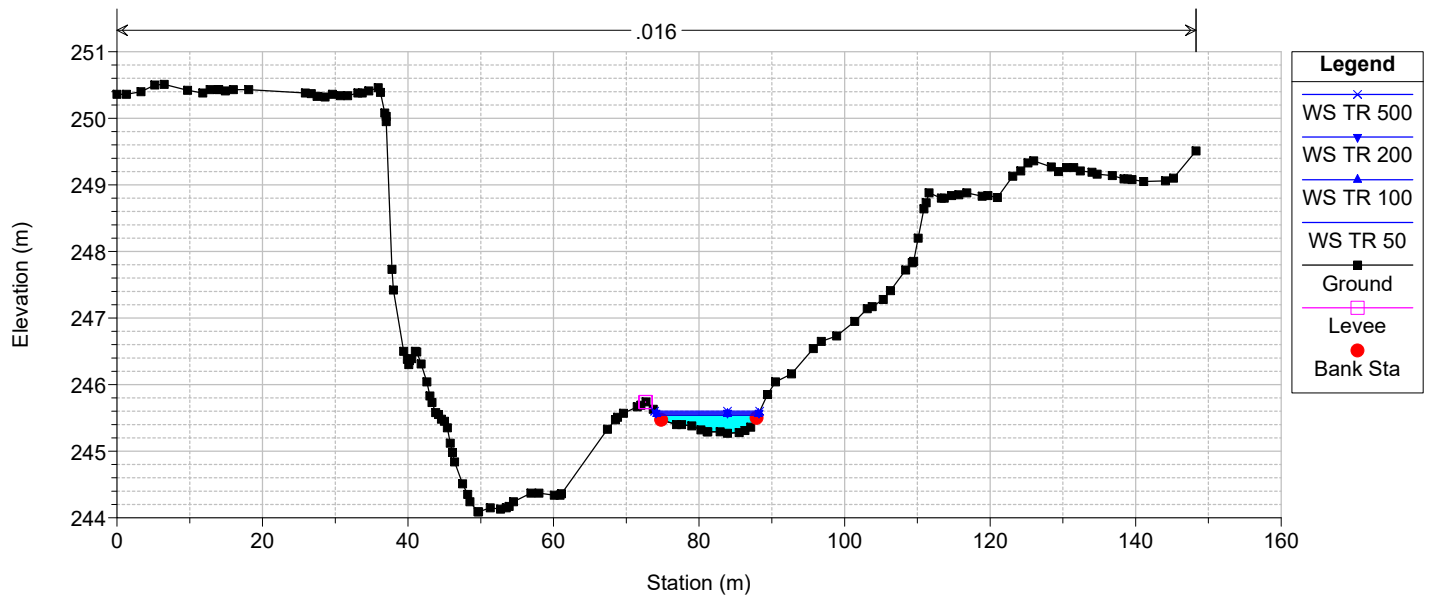
River = fosso della noce Reach = principale RS = 1916.867 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



FOSSO DELLA NOCE Plan: Plan 04 2/11/2021

Geom: 05022021 Flow: 11022021

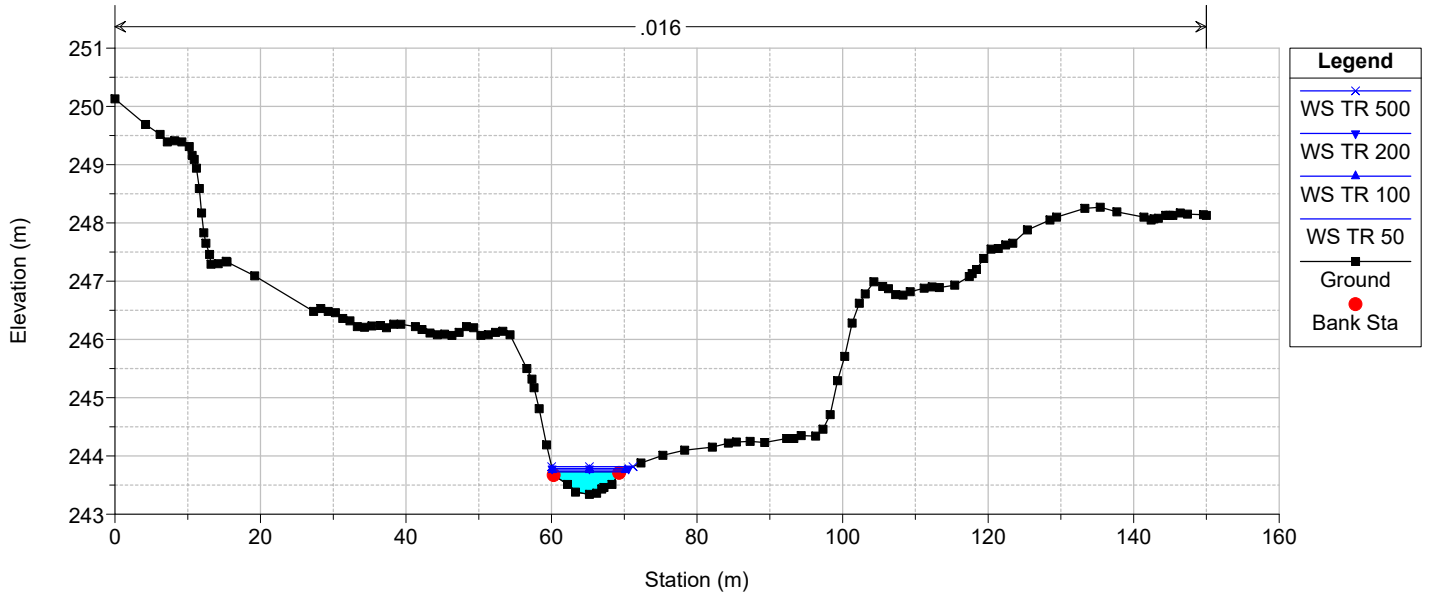
River = fosso della noce Reach = principale RS = 1895.358 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



FOSSO DELLA NOCE Plan: Plan 04 2/11/2021

Geom: 05022021 Flow: 11022021

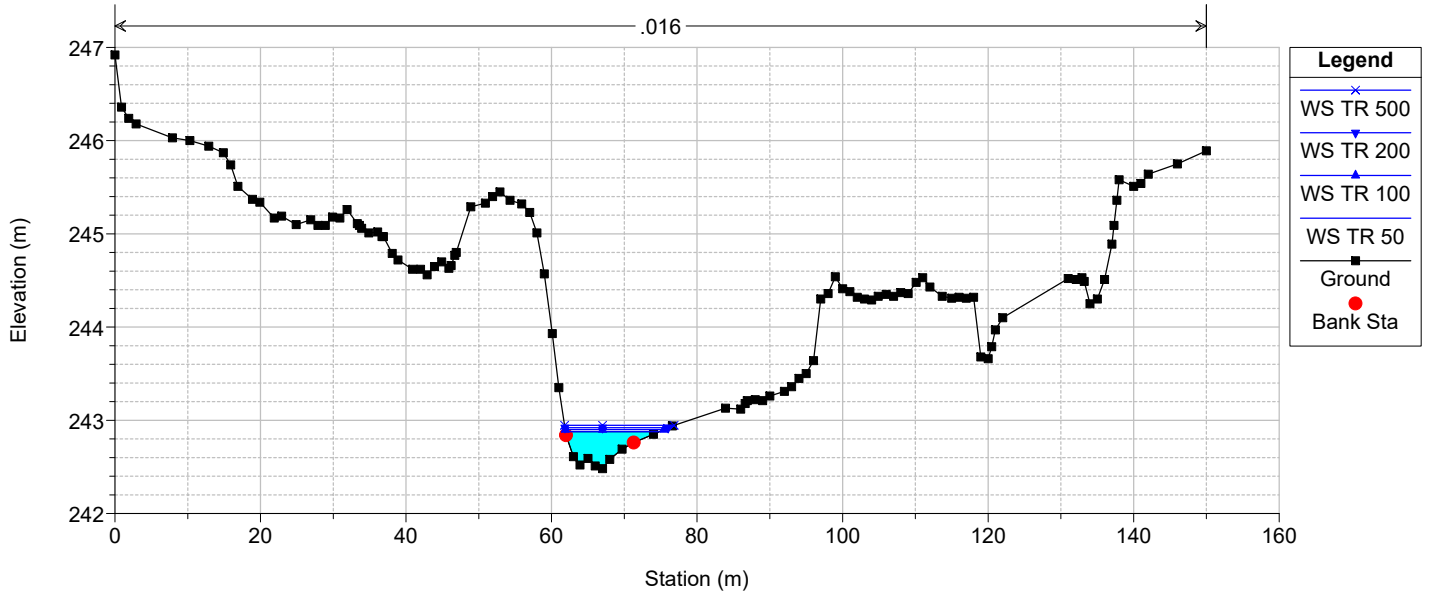
River = fosso della noce Reach = principale RS = 1857 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



FOSSO DELLA NOCE Plan: Plan 04 2/11/2021

Geom: 05022021 Flow: 11022021

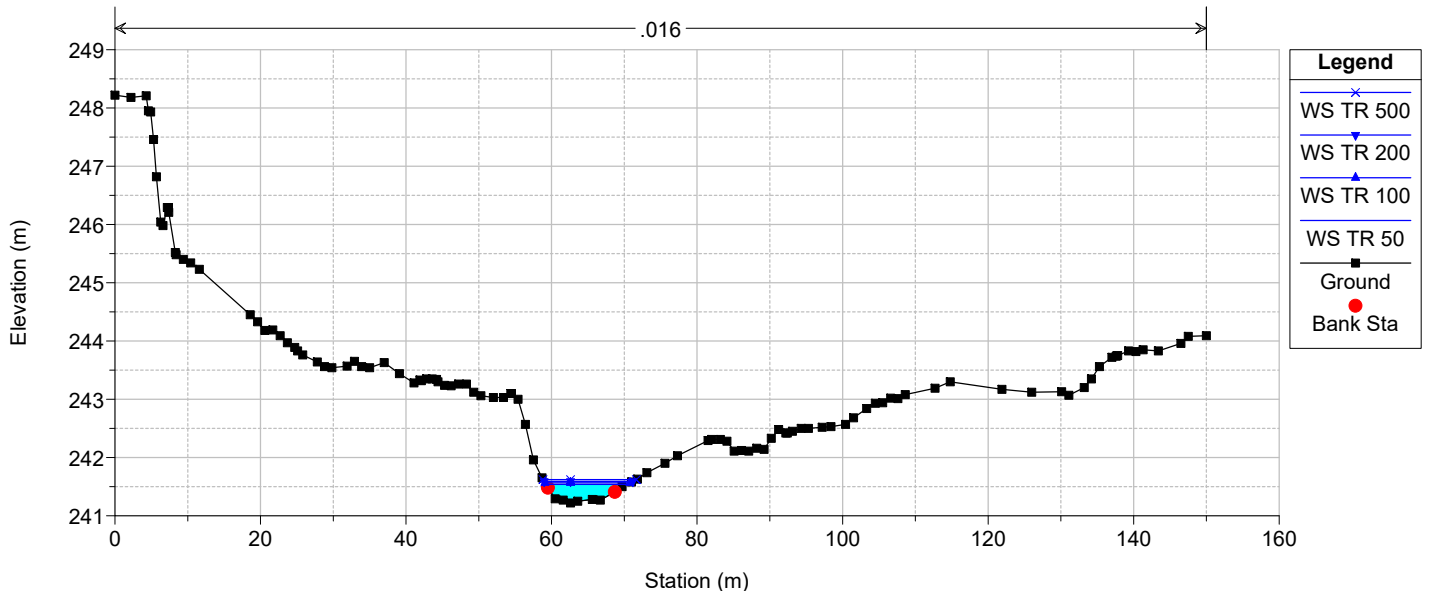
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FOSSO DELLA NOCE Plan: Plan 04 2/11/2021

Geom: 05022021 Flow: 11022021

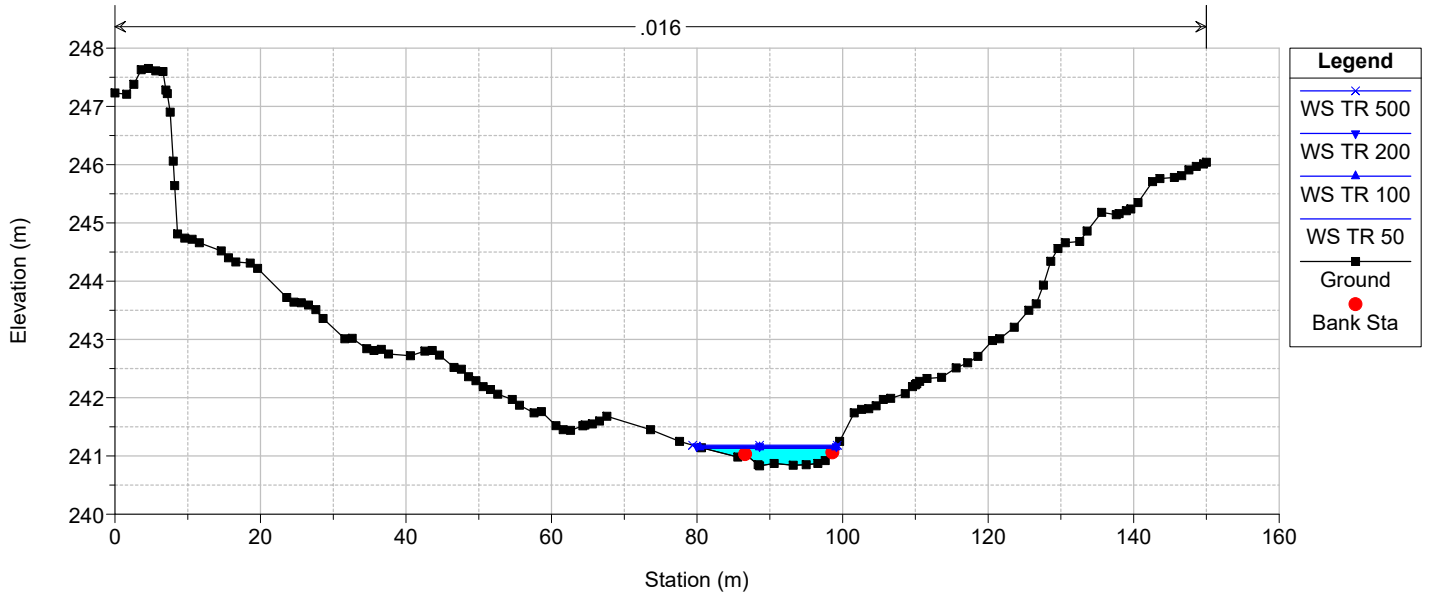
River = fosso della noce Reach = principale RS = 1796.867 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



FOSSO DELLA NOCE Plan: Plan 04 2/11/2021

Geom: 05022021 Flow: 11022021

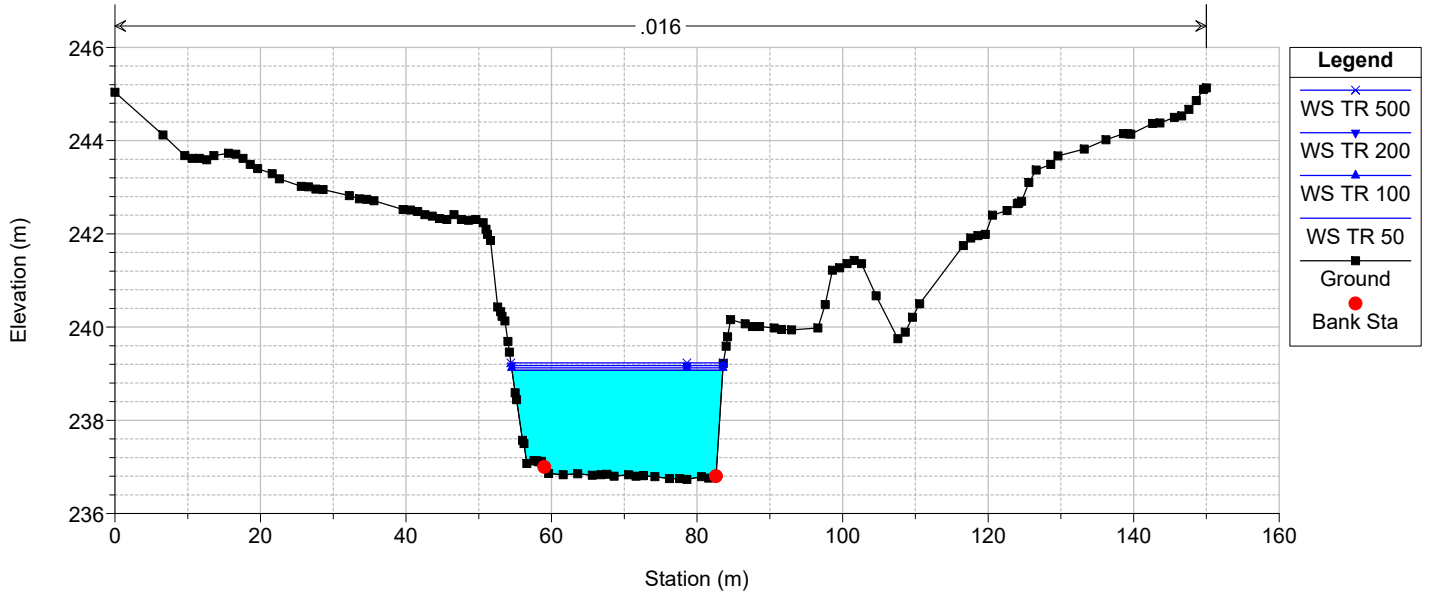
River = fosso della noce Reach = principale RS = 1766.867 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



FOSSO DELLA NOCE Plan: Plan 04 2/11/2021

Geom: 05022021 Flow: 11022021

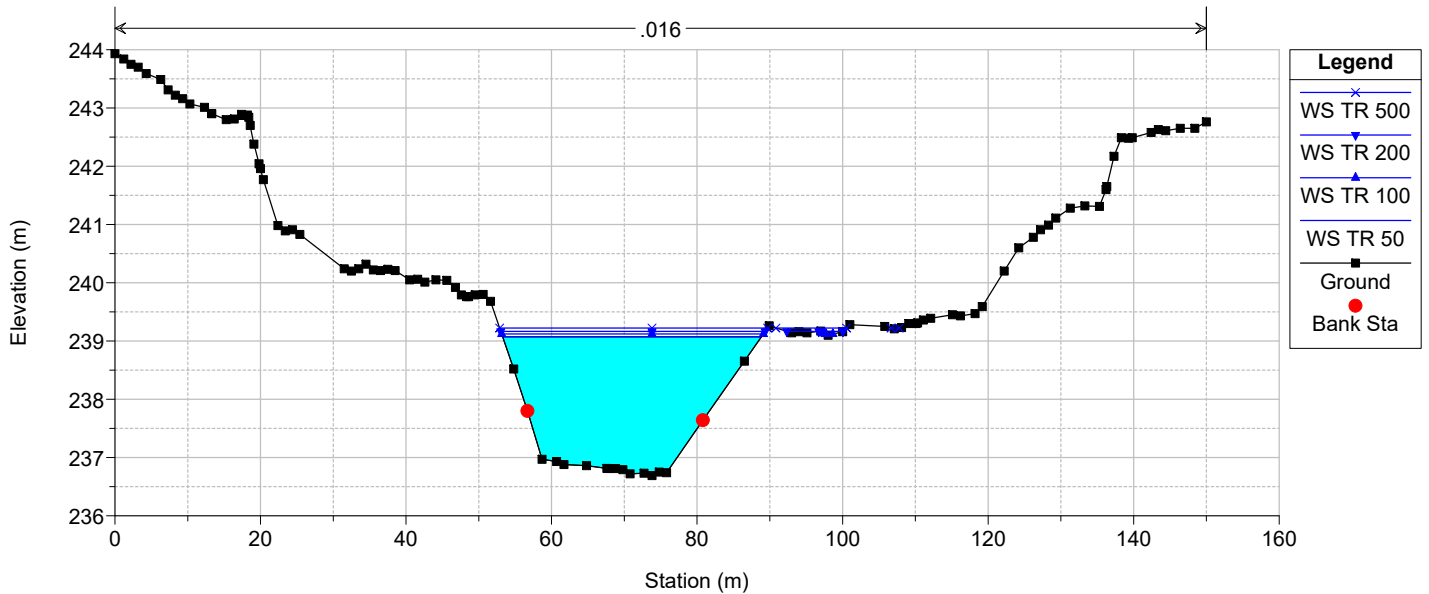
River = fosso della noce Reach = principale RS = 1736.867 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



FOSSO DELLA NOCE Plan: Plan 04 2/11/2021

Geom: 05022021 Flow: 11022021

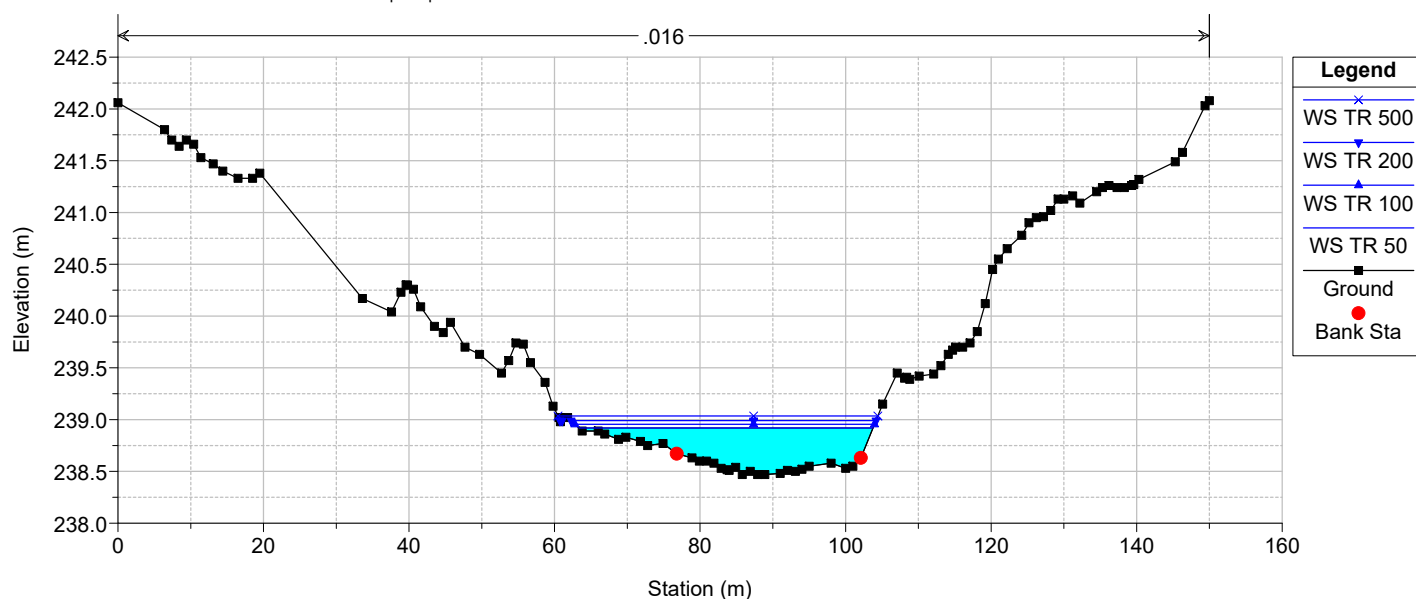
River = fosso della noce Reach = principale RS = 1706.867 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



FOSSO DELLA NOCE Plan: Plan 04 2/11/2021

Geom: 05022021 Flow: 11022021

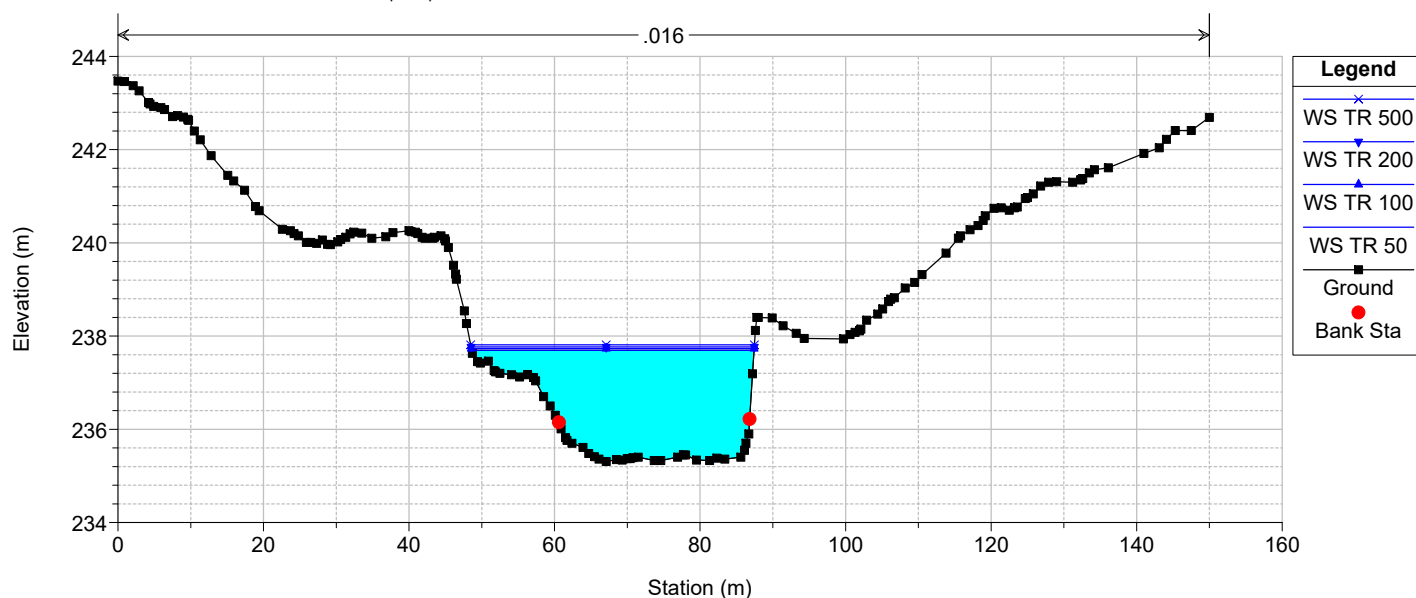
River = fosso della noce Reach = principale RS = 1676.867 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



FOSSO DELLA NOCE Plan: Plan 04 2/11/2021

Geom: 05022021 Flow: 11022021

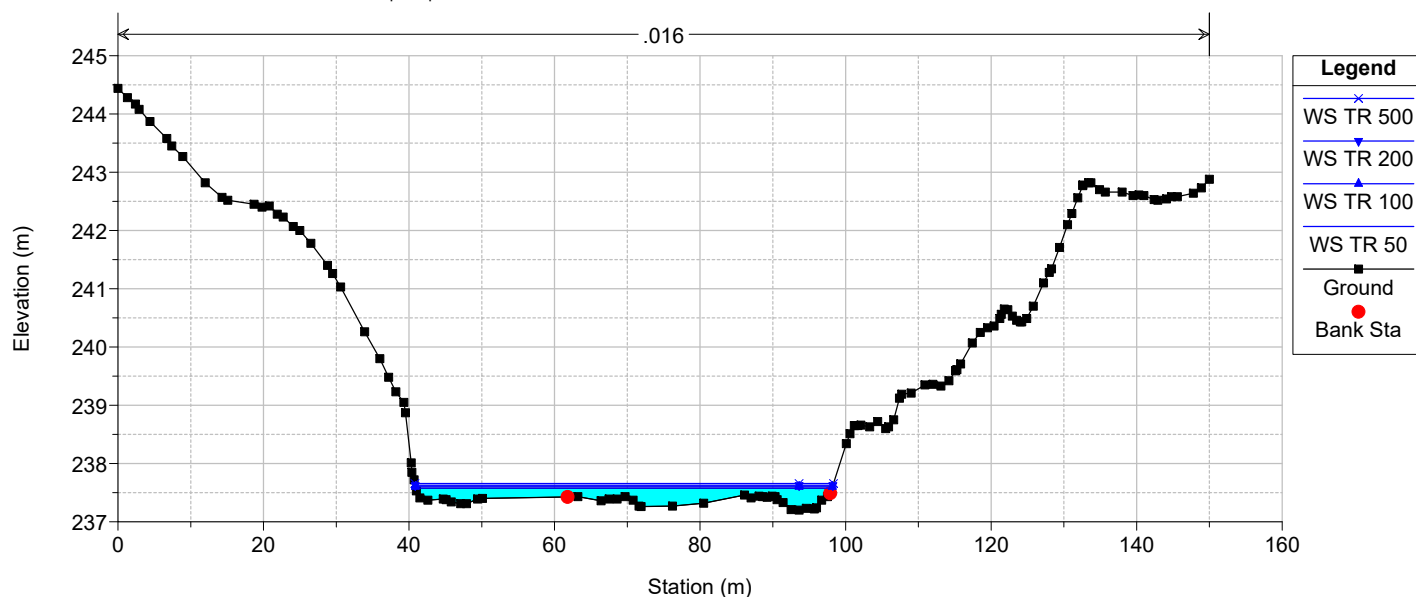
River = fosso della noce Reach = principale RS = 1646.867 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



FOSSO DELLA NOCE Plan: Plan 04 2/11/2021

Geom: 05022021 Flow: 11022021

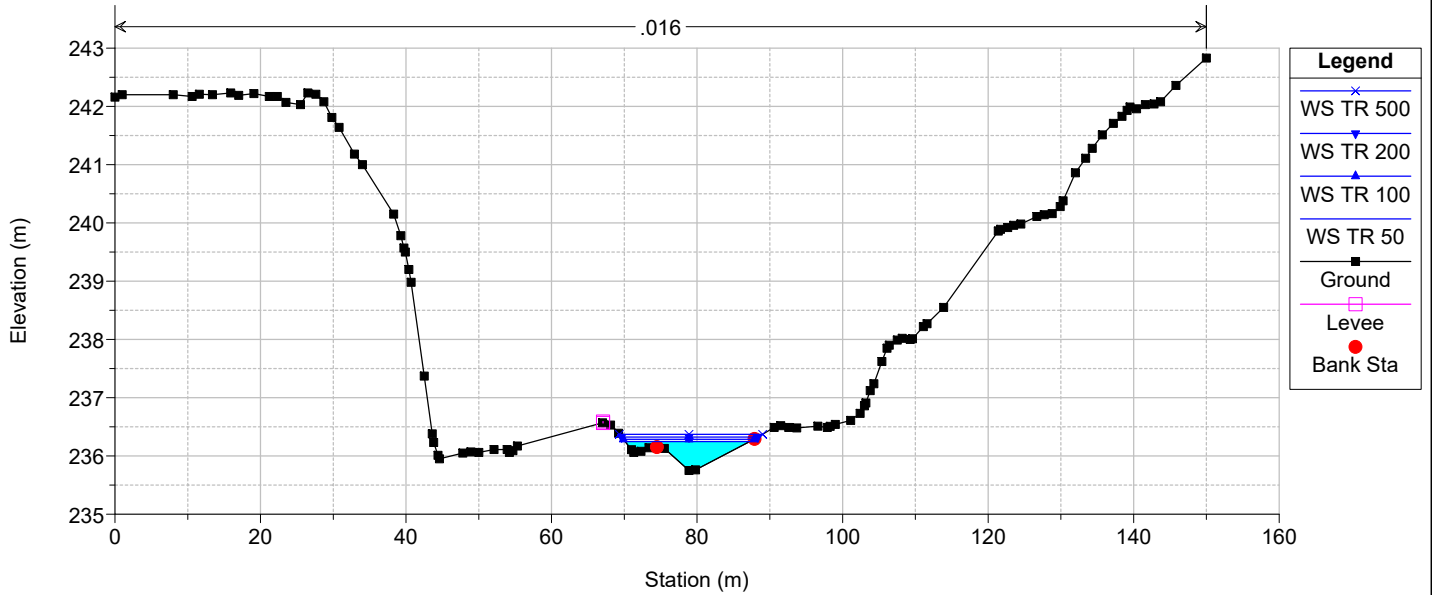
River = fosso della noce Reach = principale RS = 1616.867 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



FOSSO DELLA NOCE Plan: Plan 04 2/11/2021

Geom: 05022021 Flow: 11022021

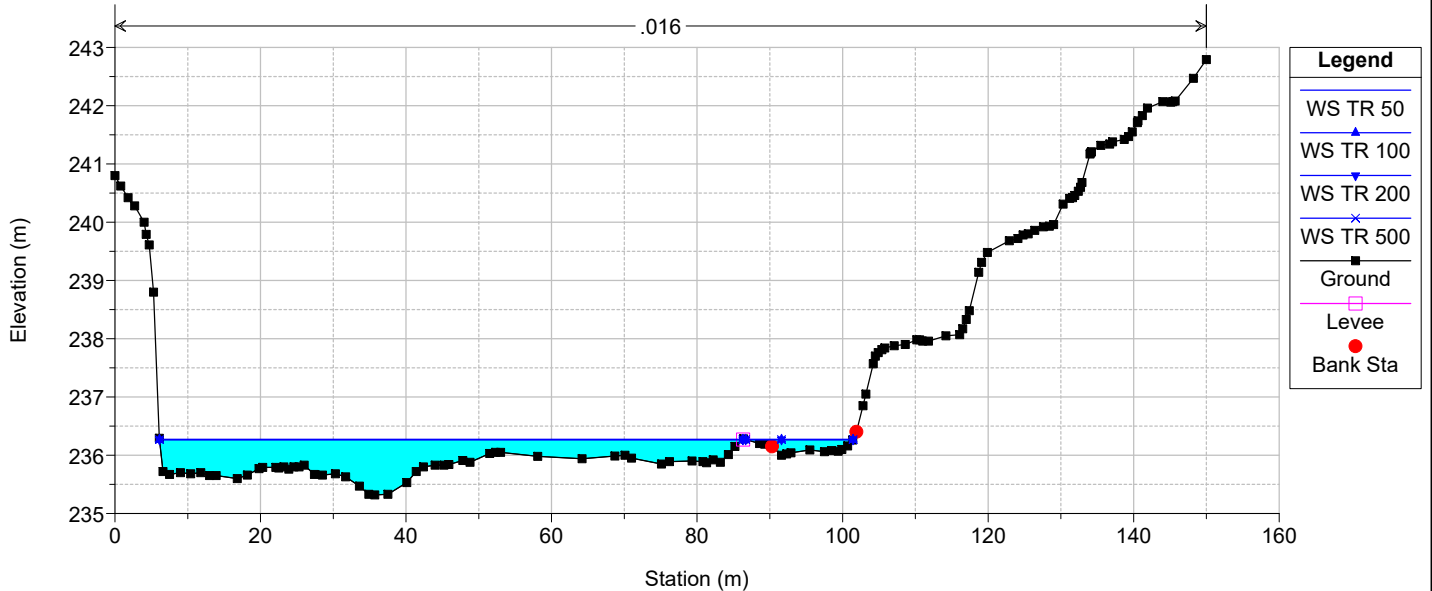
River = fosso della noce Reach = principale RS = 1586.867 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



FOSSO DELLA NOCE Plan: Plan 04 2/11/2021

Geom: 05022021 Flow: 11022021

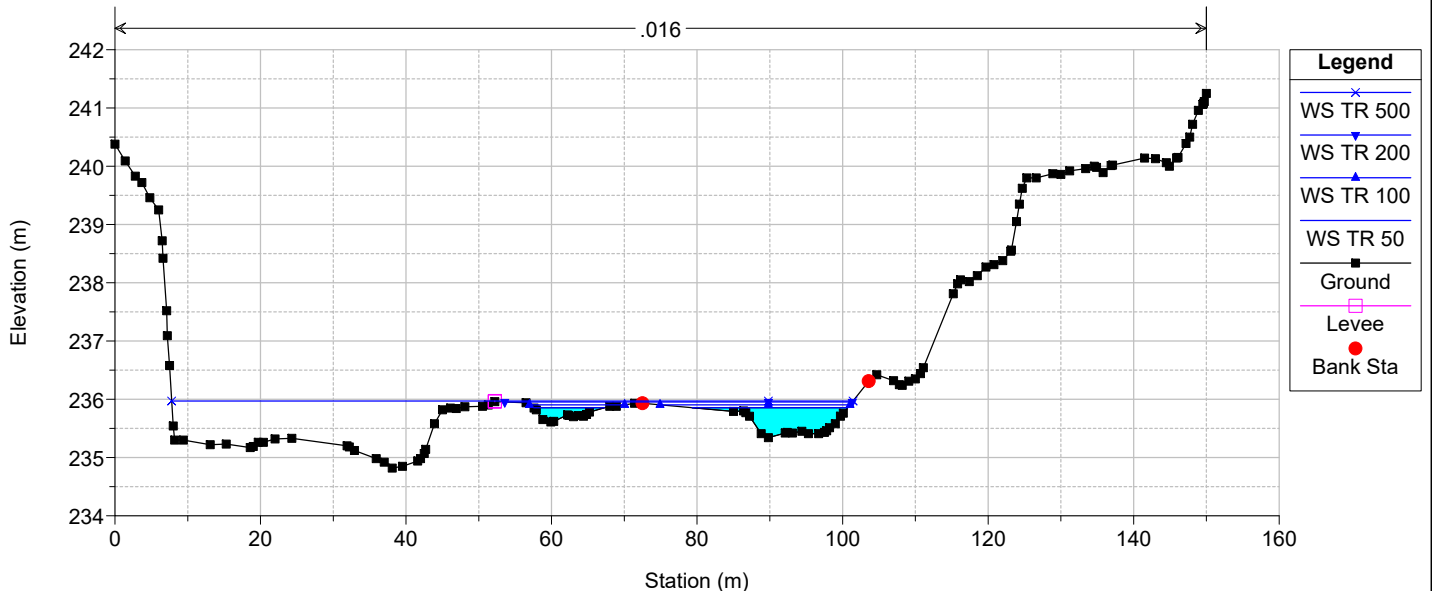
River = fosso della noce Reach = principale RS = 1556.867 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



FOSSO DELLA NOCE Plan: Plan 04 2/11/2021

Geom: 05022021 Flow: 11022021

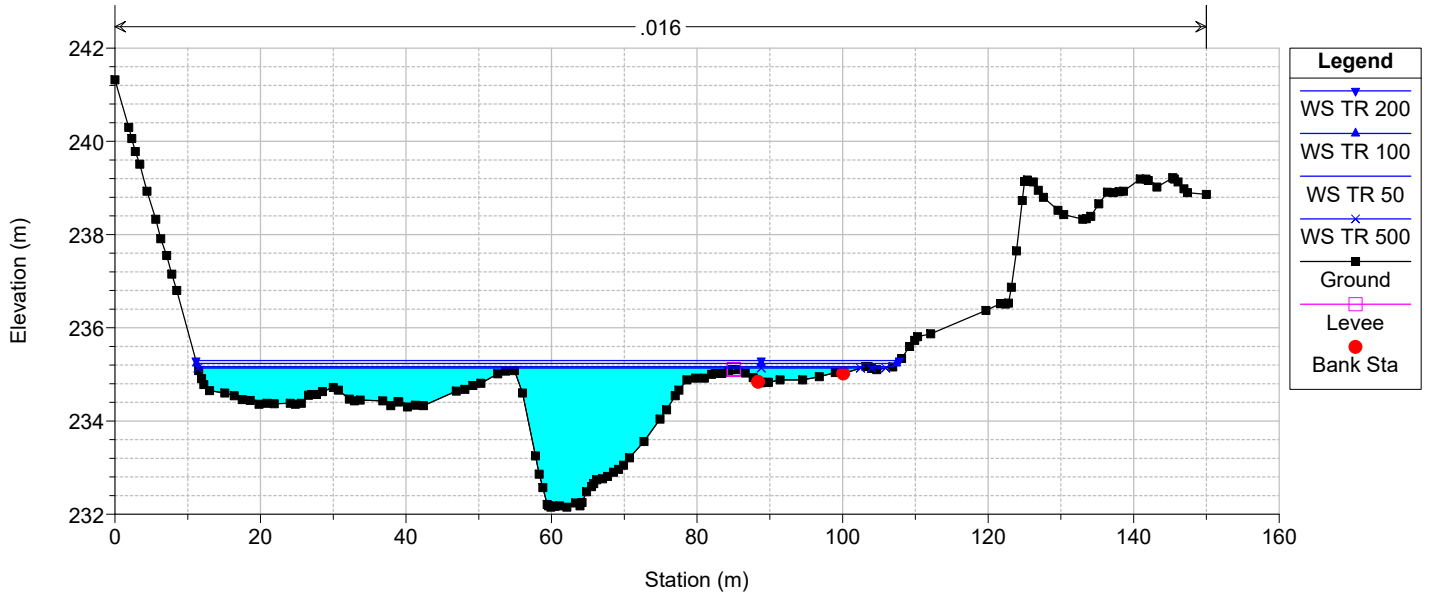
River = fosso della noce Reach = principale RS = 1526.867 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



FOSSO DELLA NOCE Plan: Plan 04 2/11/2021

Geom: 05022021 Flow: 11022021

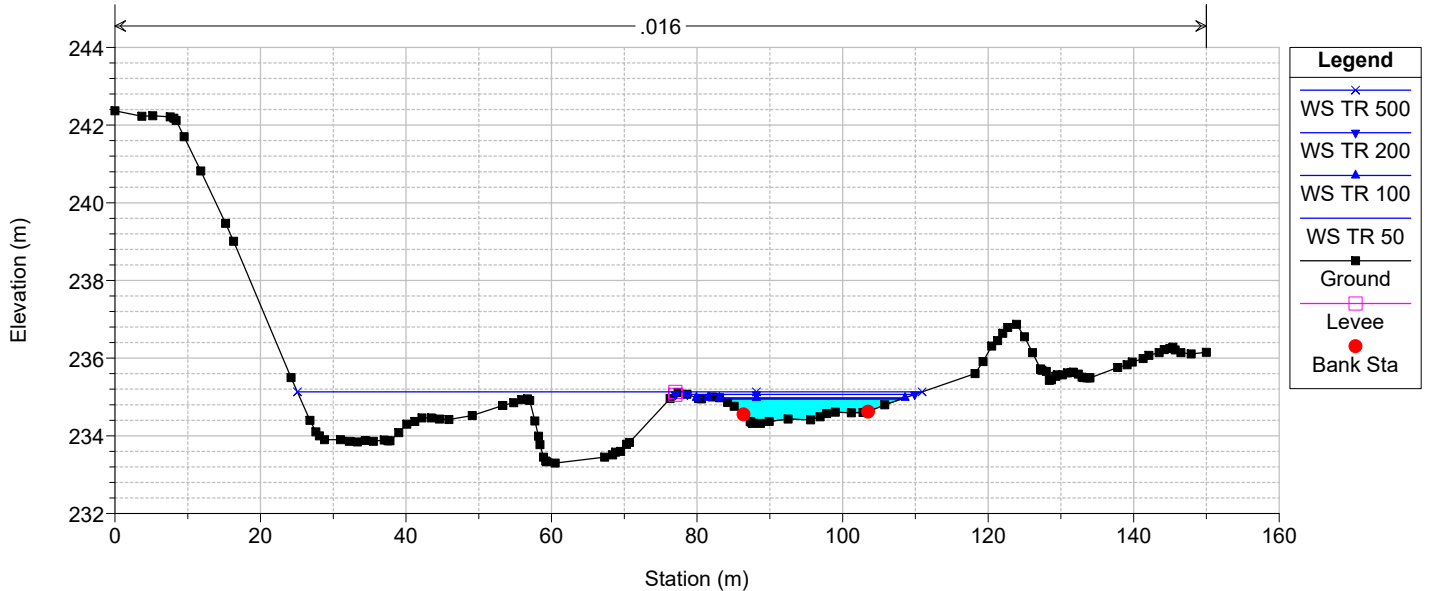
River = fosso della noce Reach = principale RS = 1496.867 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



FOSSO DELLA NOCE Plan: Plan 04 2/11/2021

Geom: 05022021 Flow: 11022021

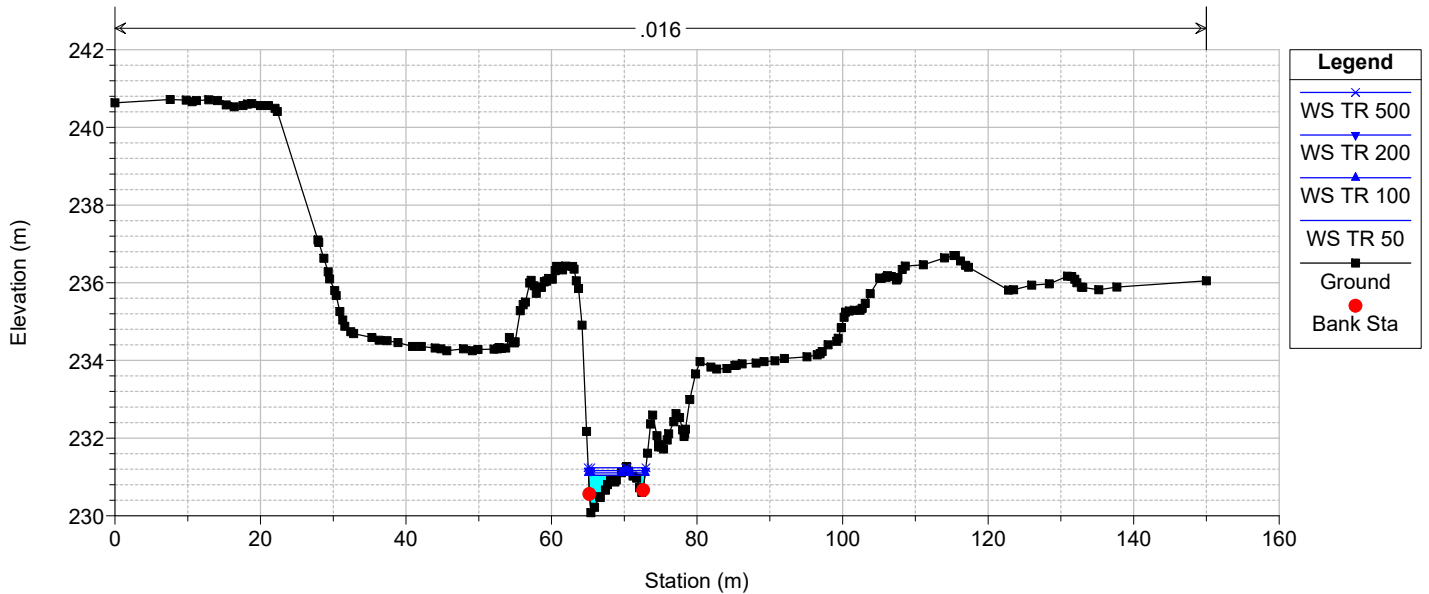
River = fosso della noce Reach = principale RS = 1466.867 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



FOSSO DELLA NOCE Plan: Plan 04 2/11/2021

Geom: 05022021 Flow: 11022021

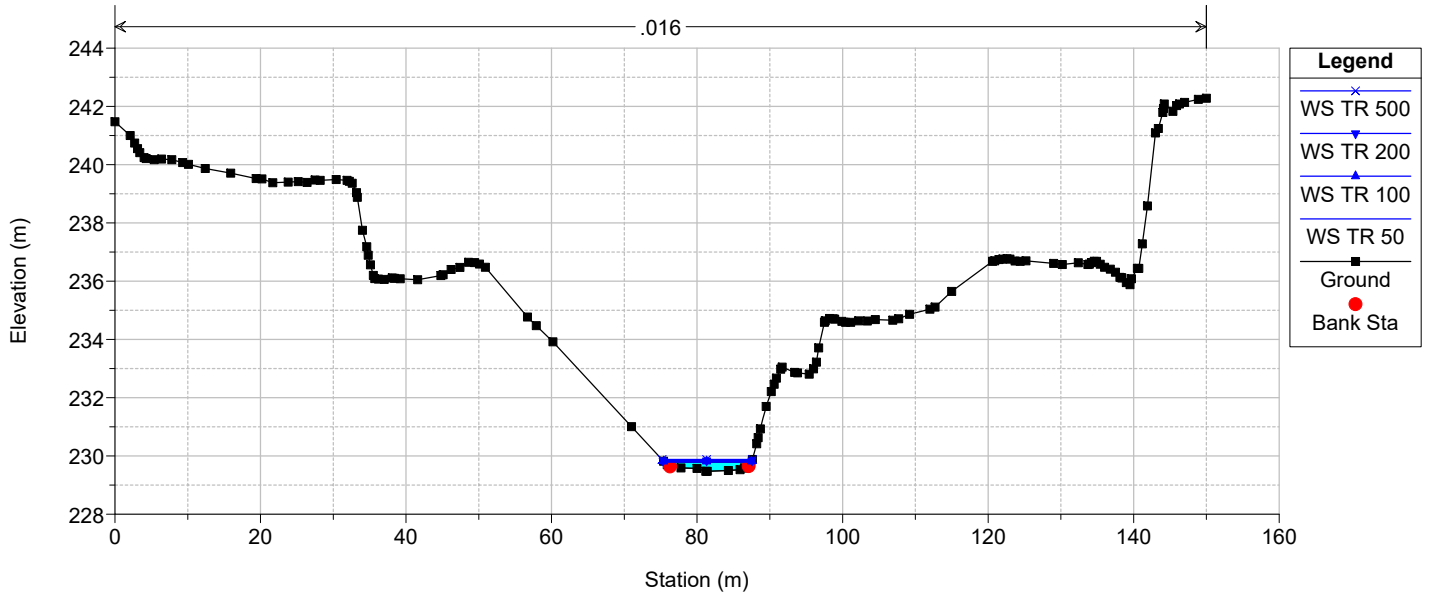
River = fosso della noce Reach = principale RS = 1436.867 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



FOSSO DELLA NOCE Plan: Plan 04 2/11/2021

Geom: 05022021 Flow: 11022021

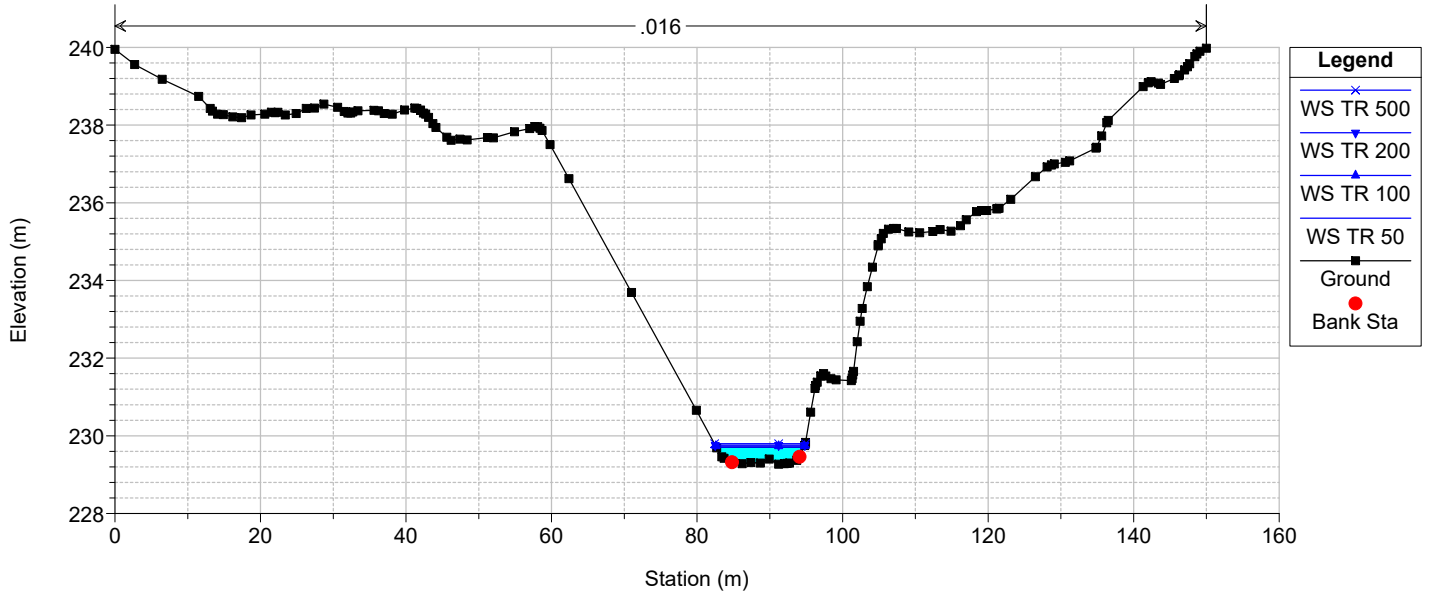
River = fosso della noce Reach = principale RS = 1406.867 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



FOSSO DELLA NOCE Plan: Plan 04 2/11/2021

Geom: 05022021 Flow: 11022021

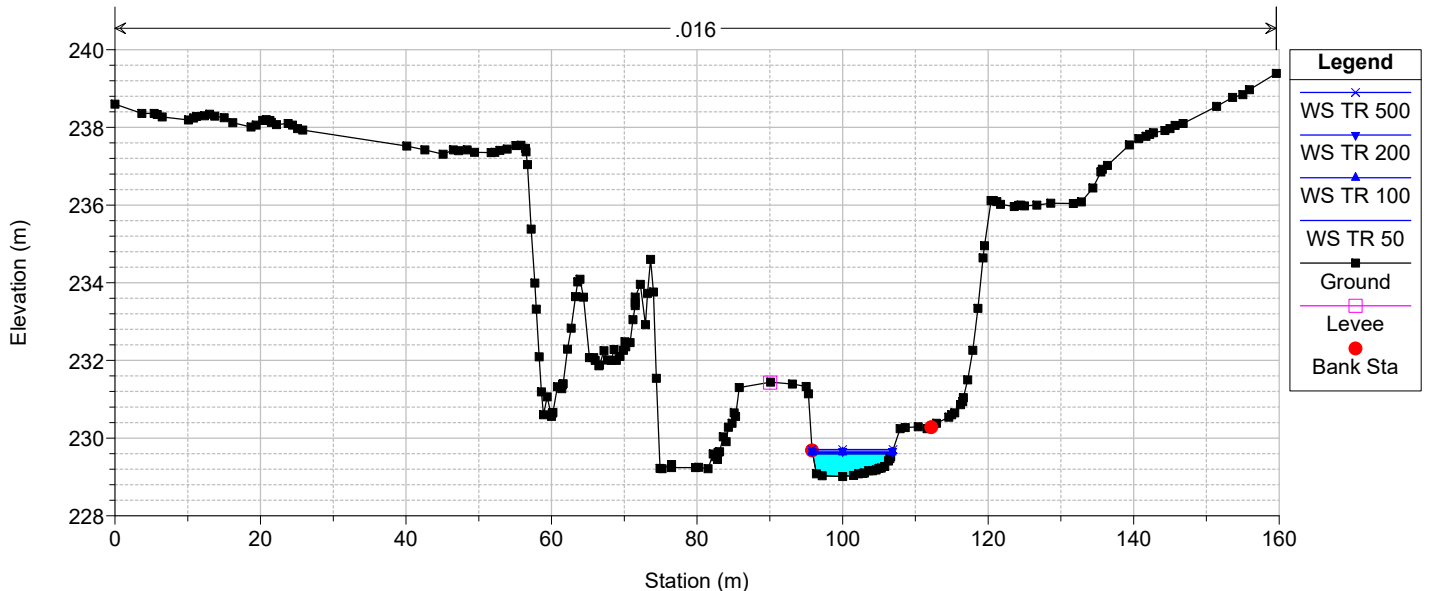
River = fosso della noce Reach = principale RS = 1376.867 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



FOSSO DELLA NOCE Plan: Plan 04 2/11/2021

Geom: 05022021 Flow: 11022021

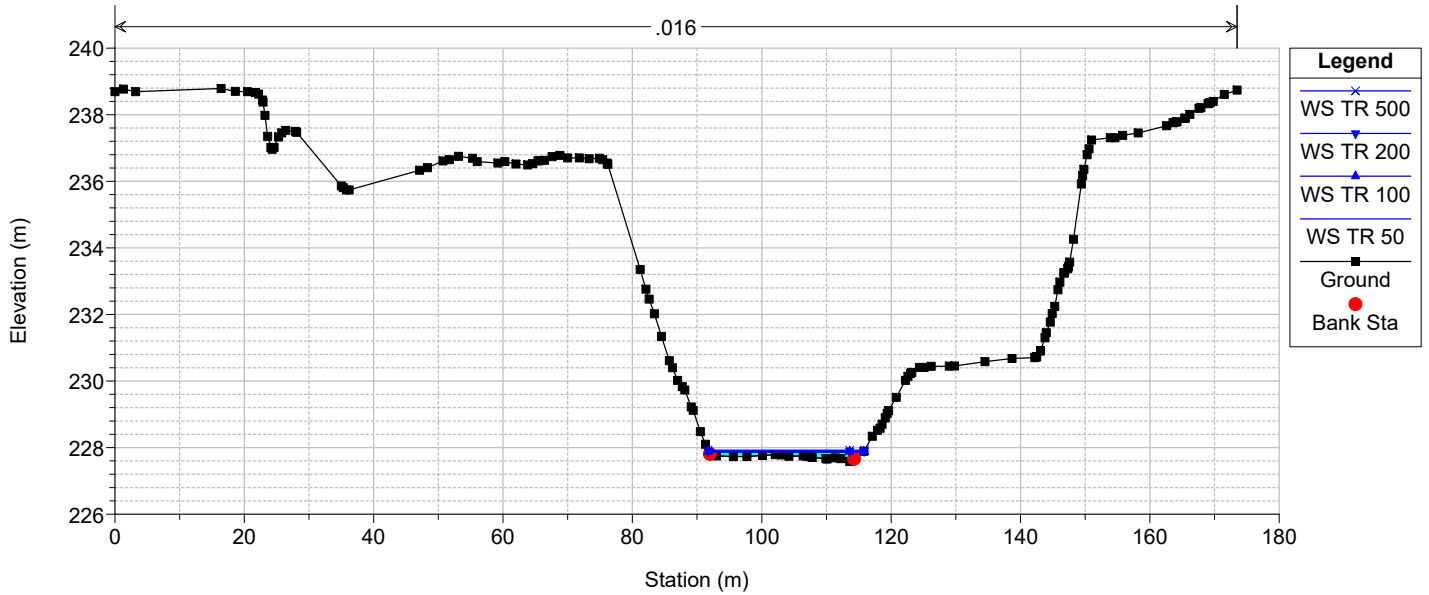
River = fosso della noce Reach = principale RS = 1348.629 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



FOSSO DELLA NOCE Plan: Plan 04 2/11/2021

Geom: 05022021 Flow: 11022021

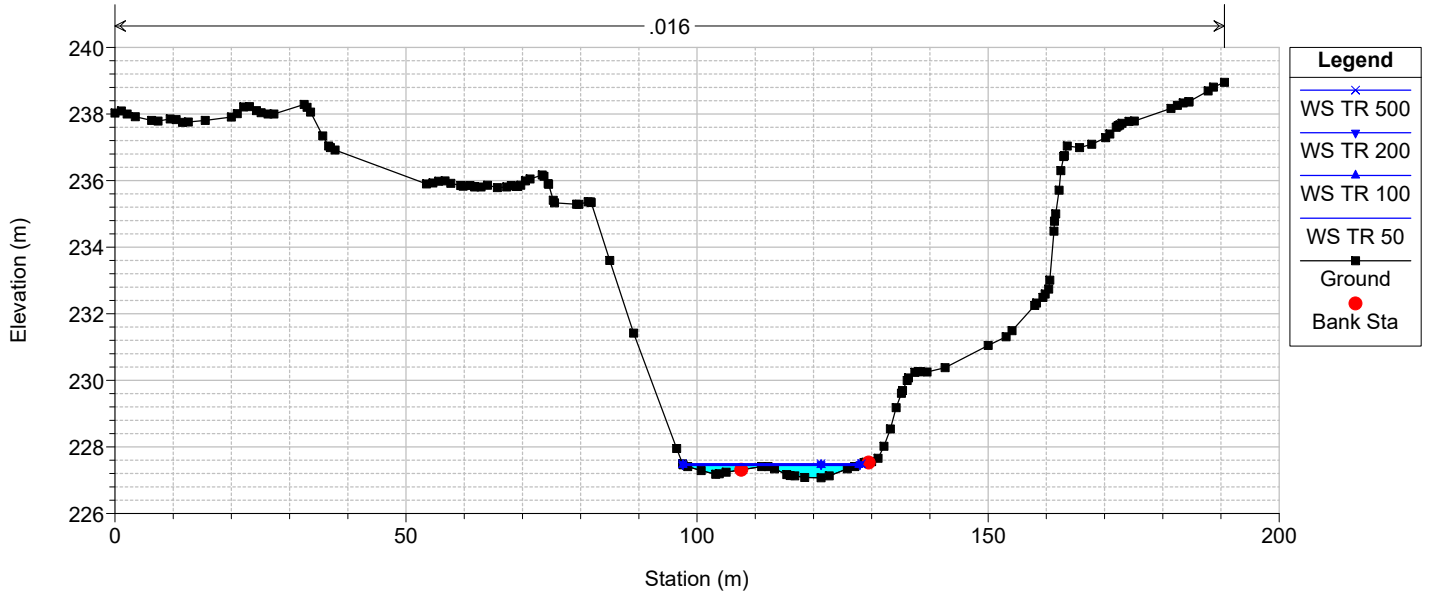
River = fosso della noce Reach = principale RS = 1314.620 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



FOSSO DELLA NOCE Plan: Plan 04 2/11/2021

Geom: 05022021 Flow: 11022021

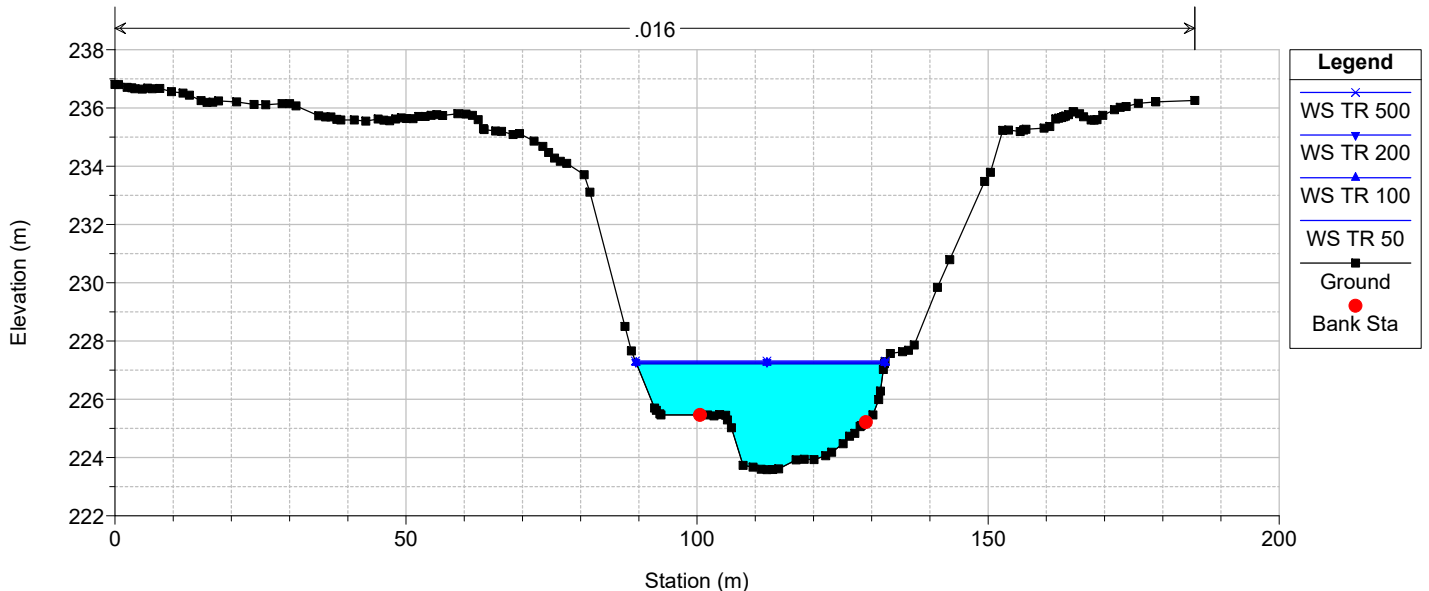
River = fosso della noce Reach = principale RS = 1288.273 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



FOSSO DELLA NOCE Plan: Plan 04 2/11/2021

Geom: 05022021 Flow: 11022021

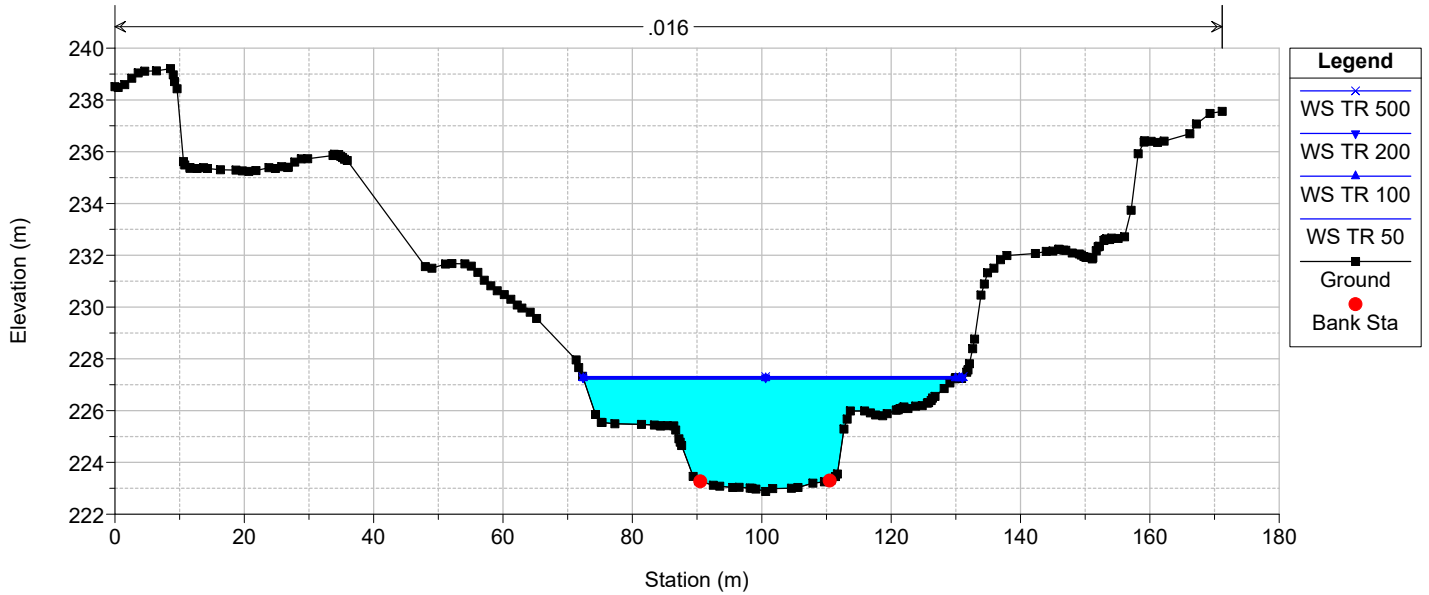
River = fosso della noce Reach = principale RS = 1256.854 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



FOSSO DELLA NOCE Plan: Plan 04 2/11/2021

Geom: 05022021 Flow: 11022021

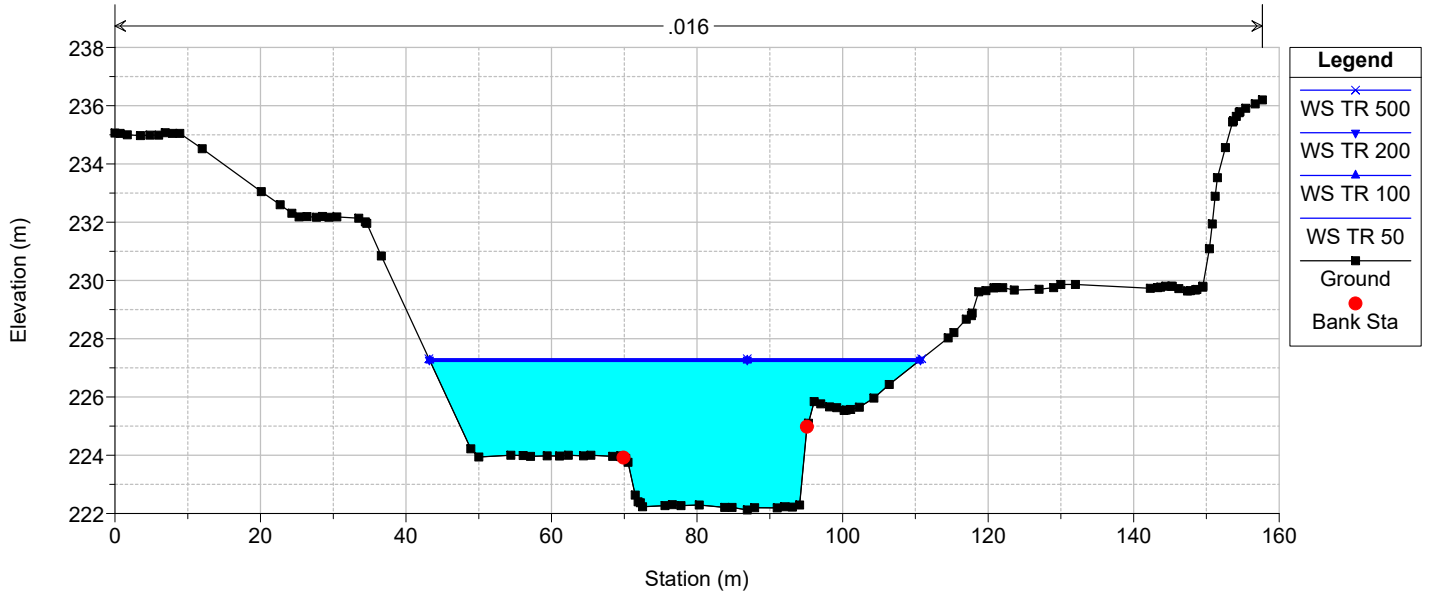
River = fosso della noce Reach = principale RS = 1225.885 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



FOSSO DELLA NOCE Plan: Plan 04 2/11/2021

Geom: 05022021 Flow: 11022021

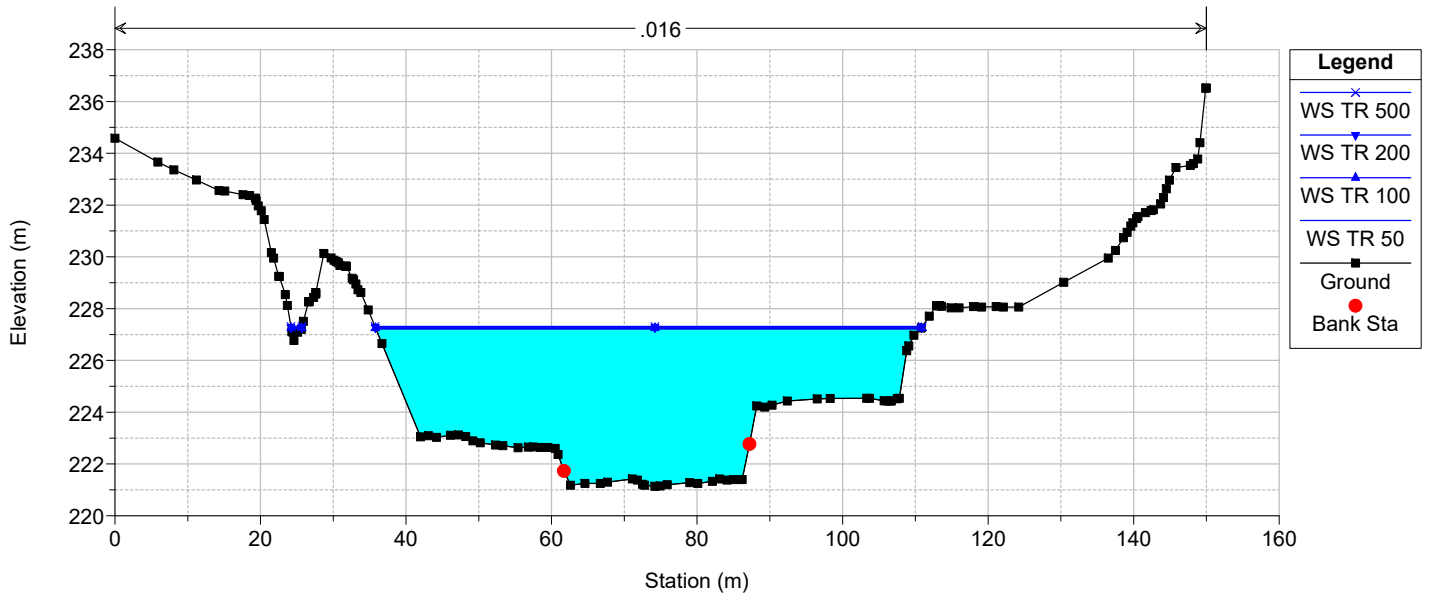
River = fosso della noce Reach = principale RS = 1196.529 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



FOSSO DELLA NOCE Plan: Plan 04 2/11/2021

Geom: 05022021 Flow: 11022021

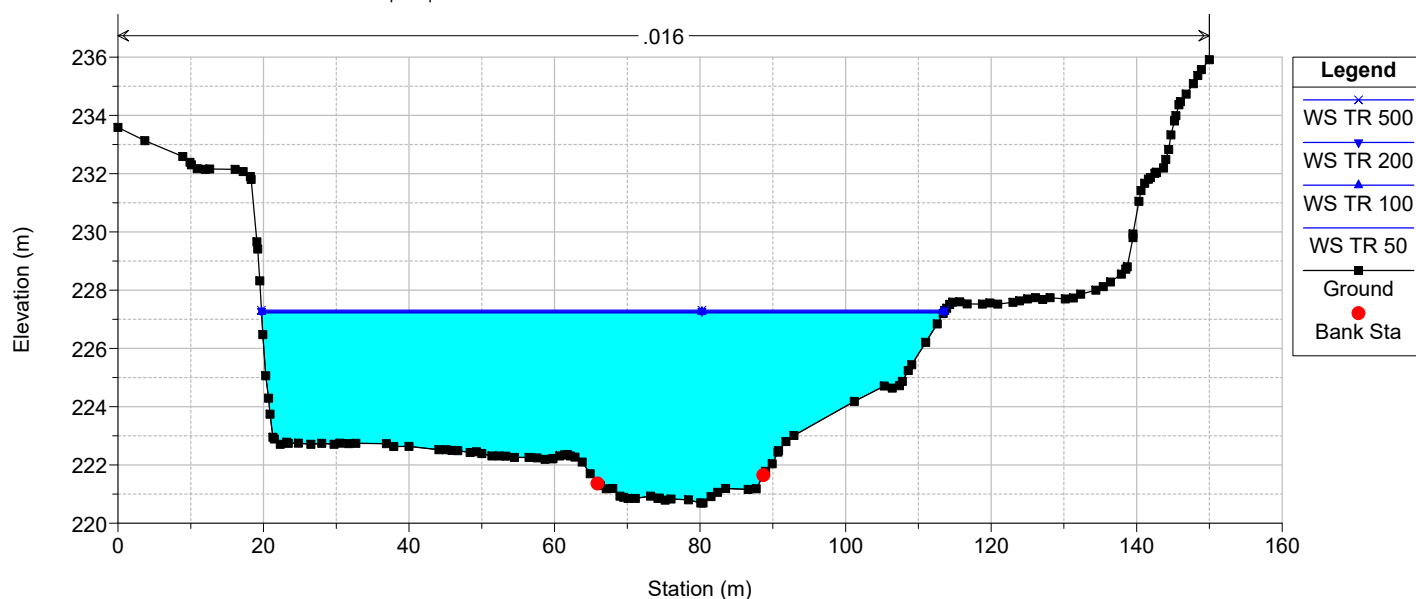
River = fosso della noce Reach = principale RS = 1166.867 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



FOSSO DELLA NOCE Plan: Plan 04 2/11/2021

Geom: 05022021 Flow: 11022021

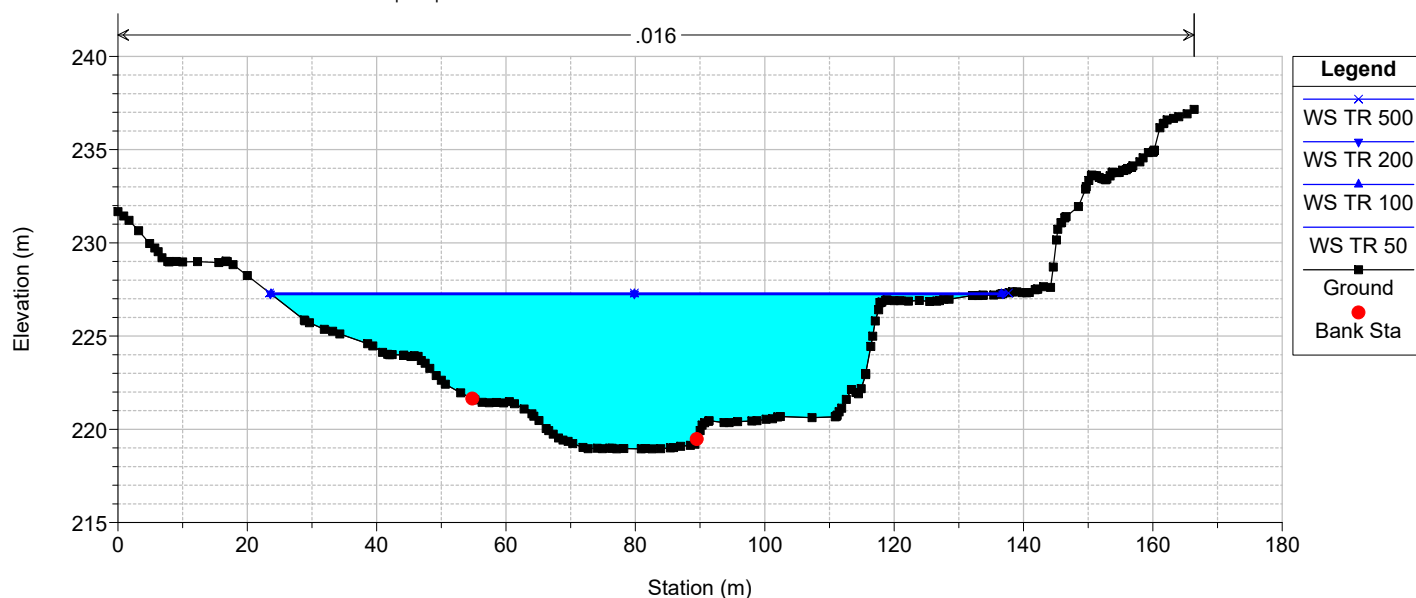
River = fosso della noce Reach = principale RS = 1136.867 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



FOSSO DELLA NOCE Plan: Plan 04 2/11/2021

Geom: 05022021 Flow: 11022021

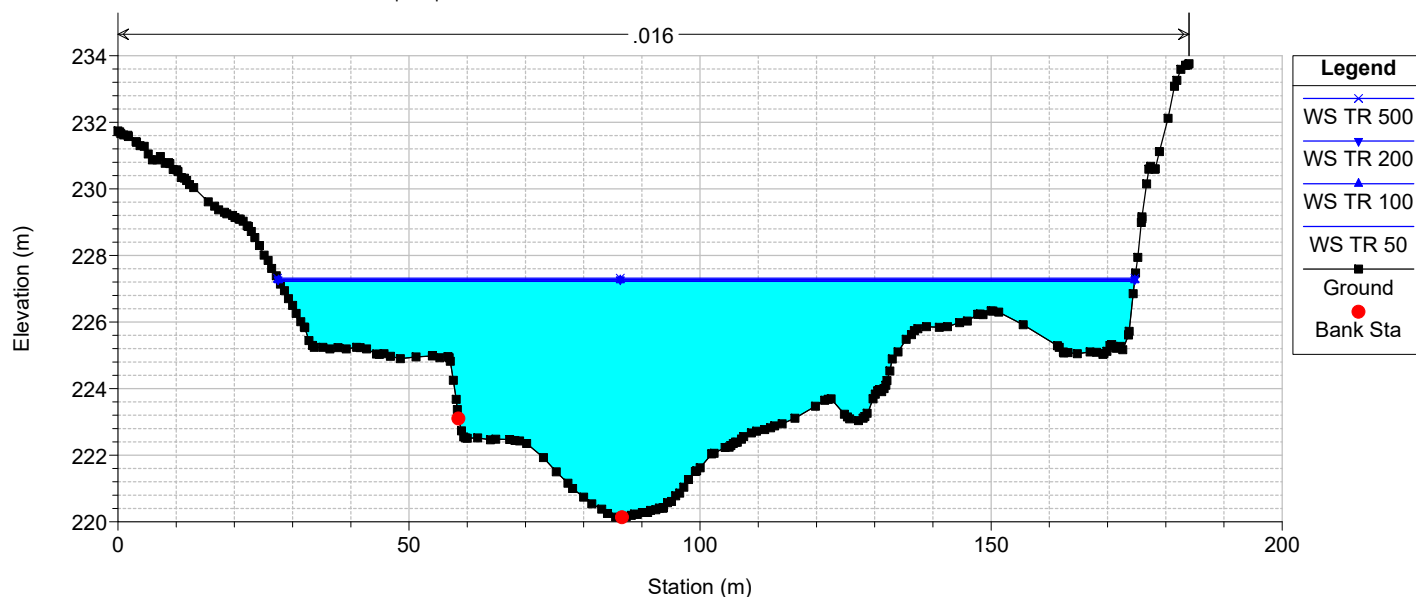
River = fosso della noce Reach = principale RS = 1107 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



FOSSO DELLA NOCE Plan: Plan 04 2/11/2021

Geom: 05022021 Flow: 11022021

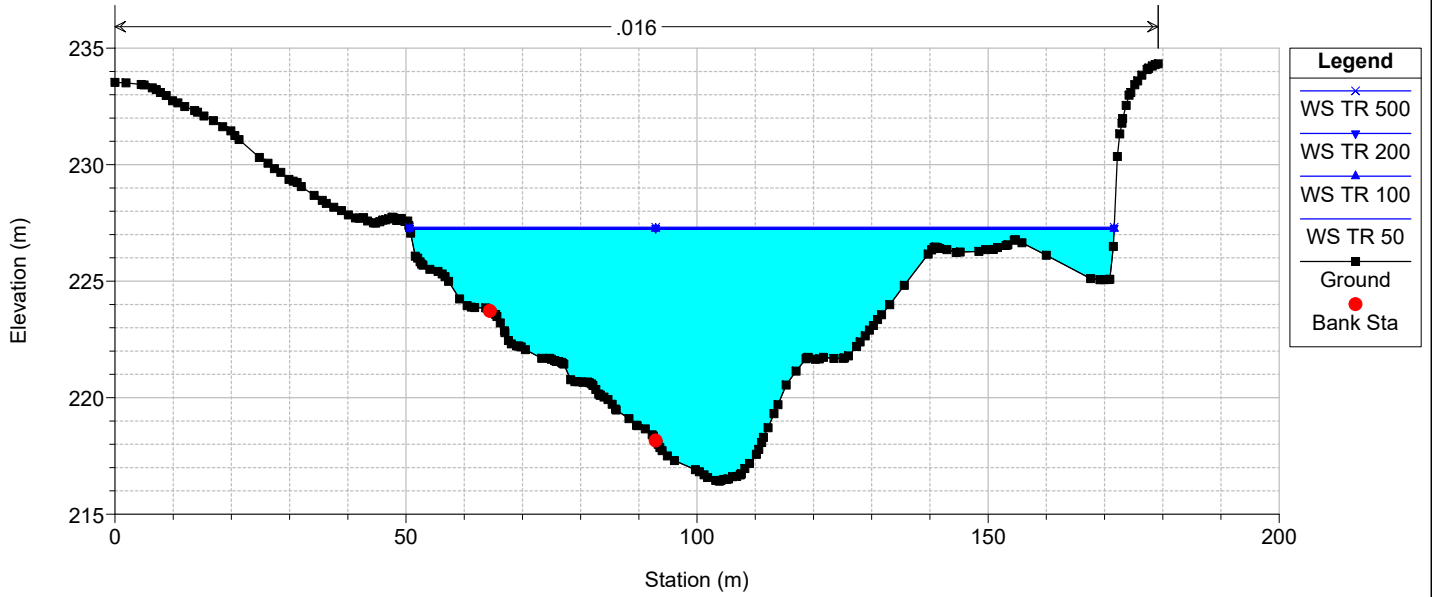
River = fosso della noce Reach = principale RS = 1073 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



FOSSO DELLA NOCE Plan: Plan 04 2/11/2021

Geom: 05022021 Flow: 11022021

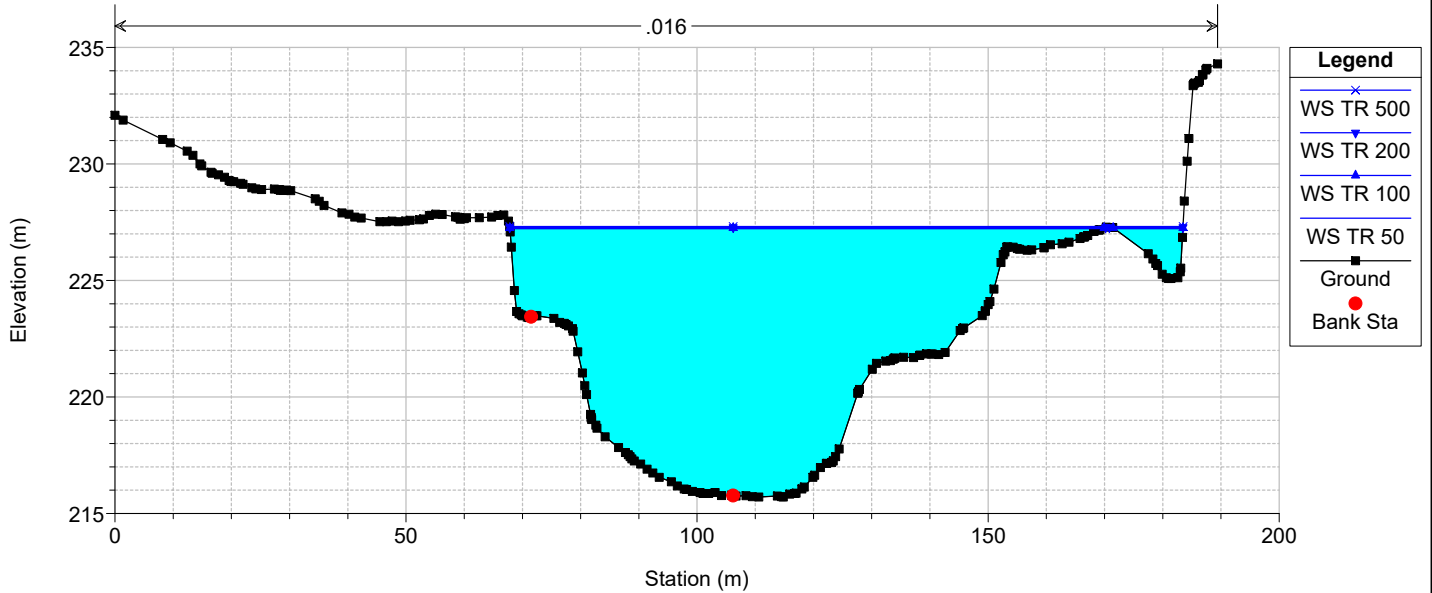
River = fosso della noce Reach = principale RS = 1049 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



FOSSO DELLA NOCE Plan: Plan 04 2/11/2021

Geom: 05022021 Flow: 11022021

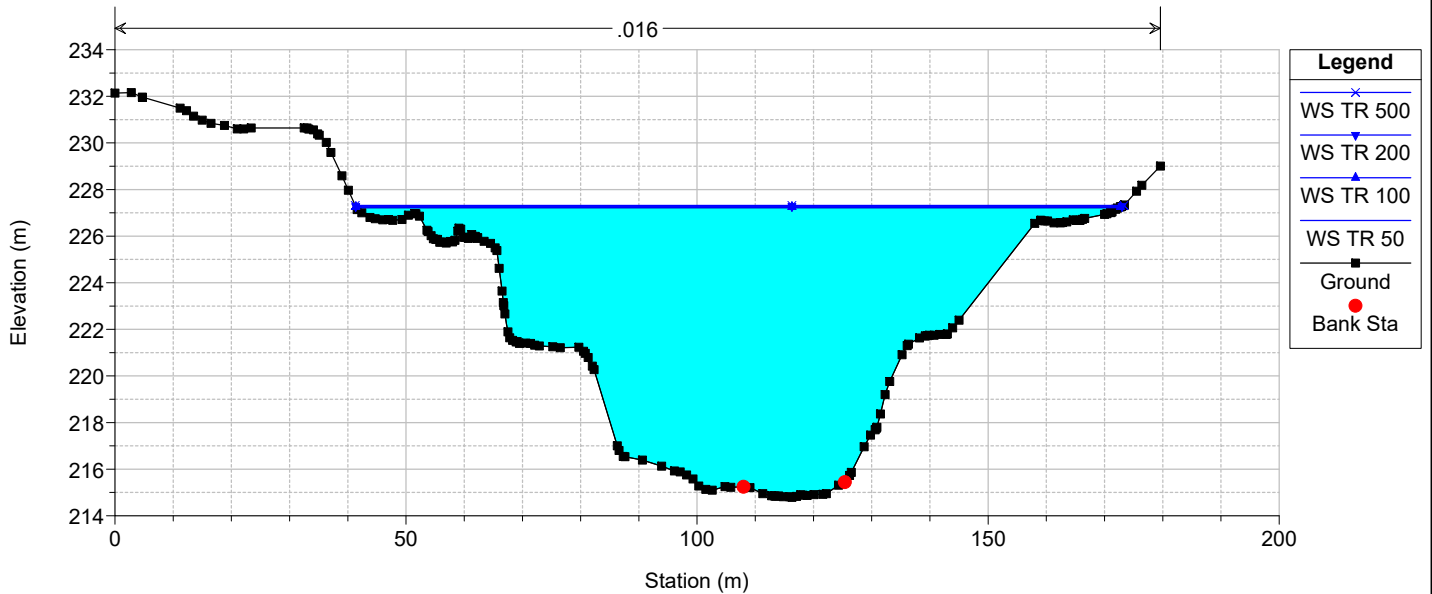
River = fosso della noce Reach = principale RS = 1018 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



FOSSO DELLA NOCE Plan: Plan 04 2/11/2021

Geom: 05022021 Flow: 11022021

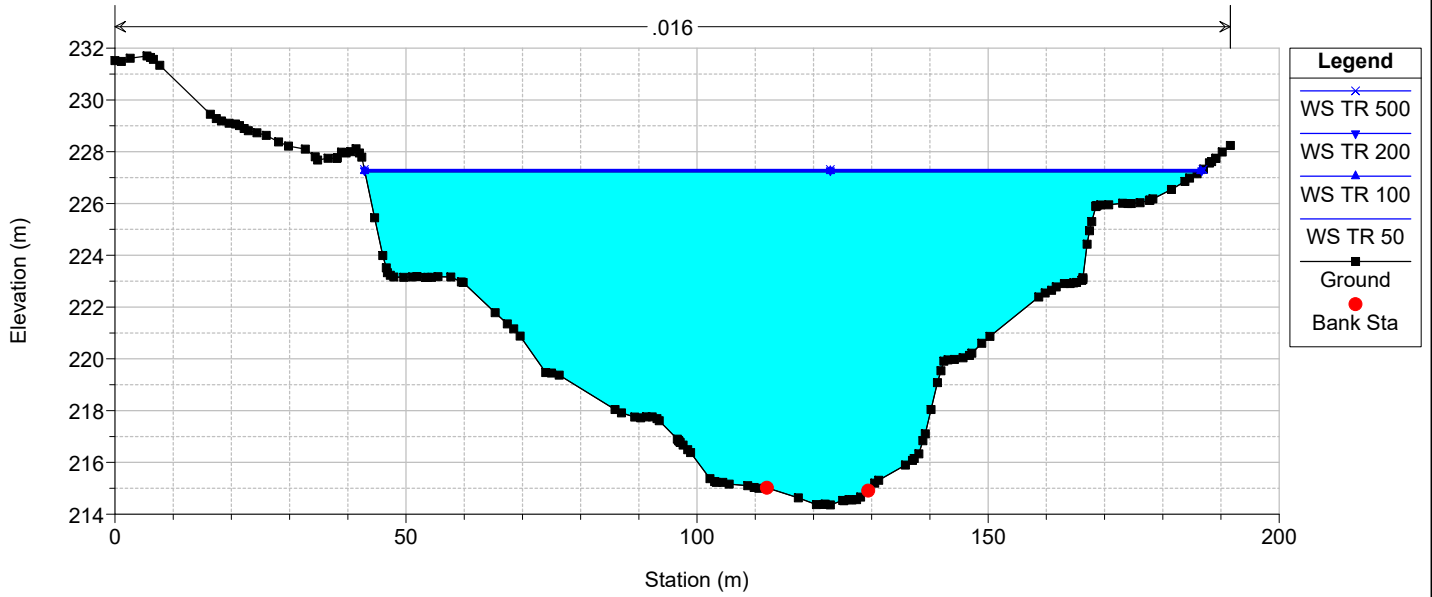
River = fosso della noce Reach = principale RS = 987.5680 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



FOSSO DELLA NOCE Plan: Plan 04 2/11/2021

Geom: 05022021 Flow: 11022021

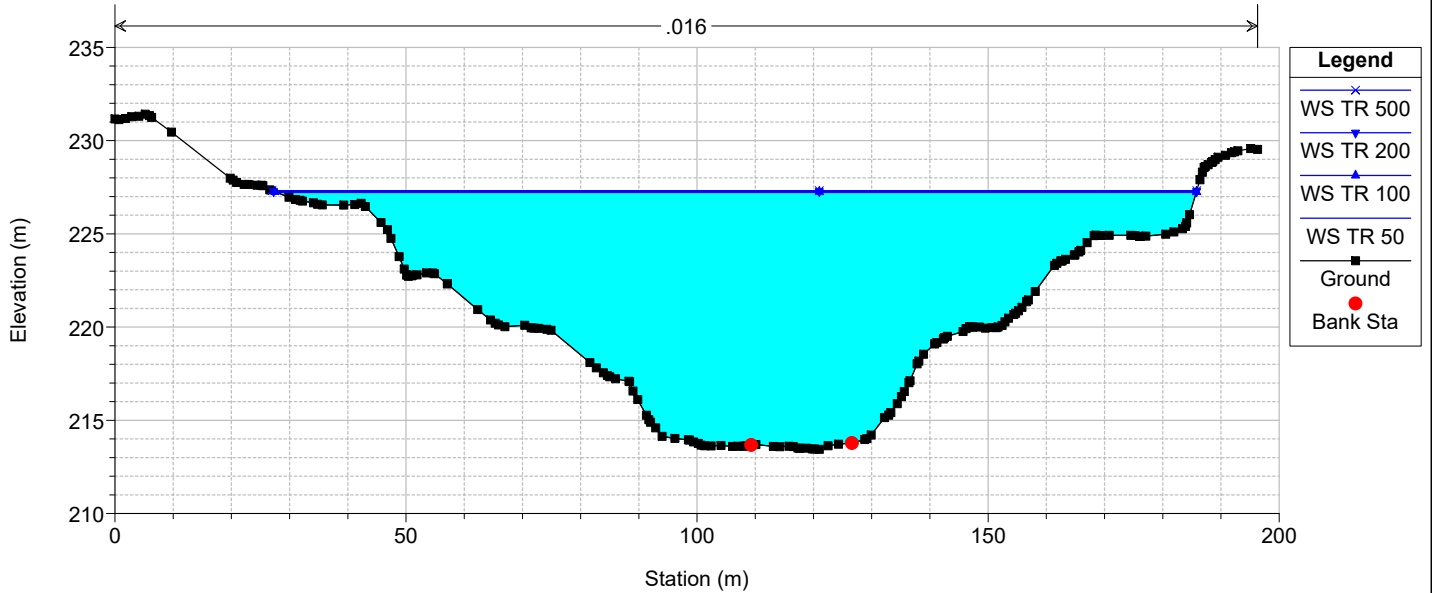
River = fosso della noce Reach = principale RS = 957.4116 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



FOSSO DELLA NOCE Plan: Plan 04 2/11/2021

Geom: 05022021 Flow: 11022021

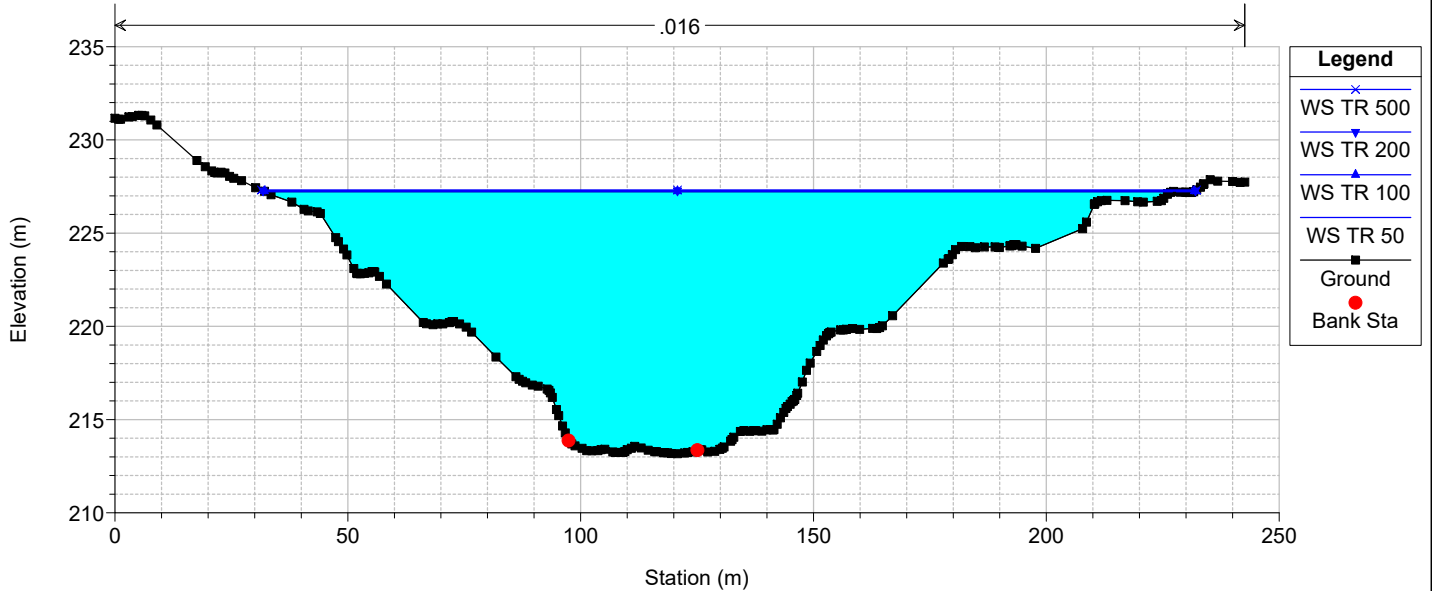
River = fosso della noce Reach = principale RS = 928.3411 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



FOSSO DELLA NOCE Plan: Plan 04 2/11/2021

Geom: 05022021 Flow: 11022021

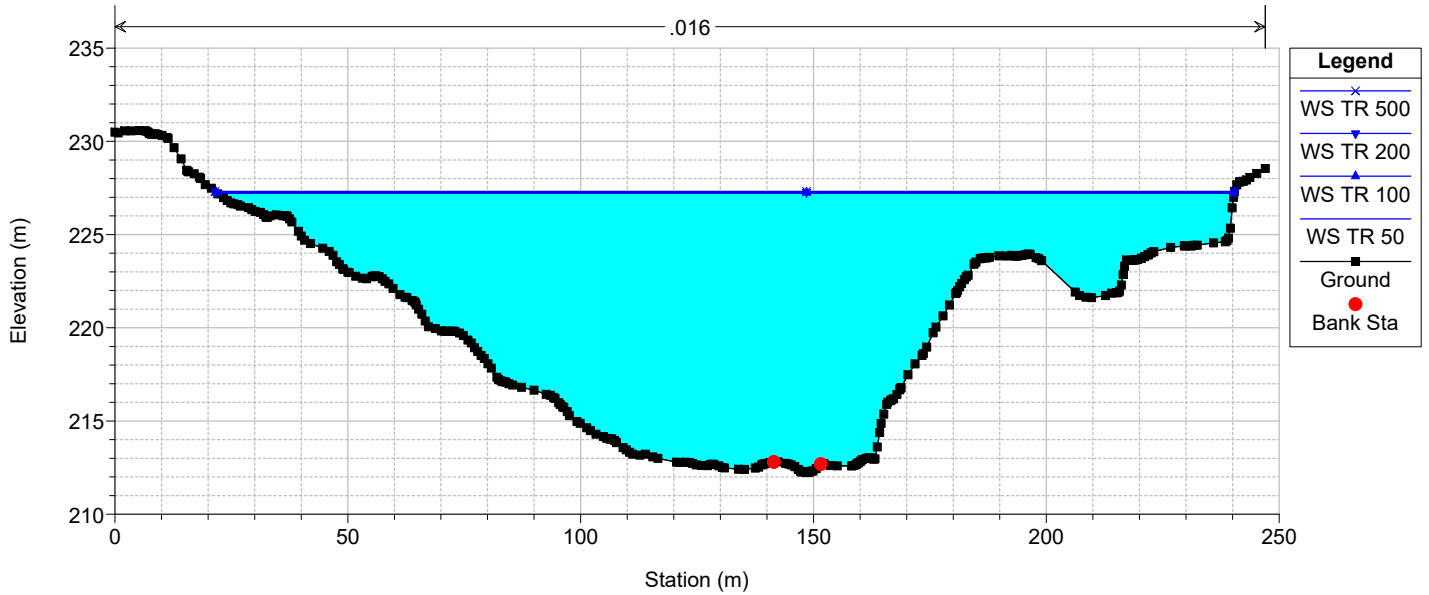
River = fosso della noce Reach = principale RS = 896.9691 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



FOSSO DELLA NOCE Plan: Plan 04 2/11/2021

Geom: 05022021 Flow: 11022021

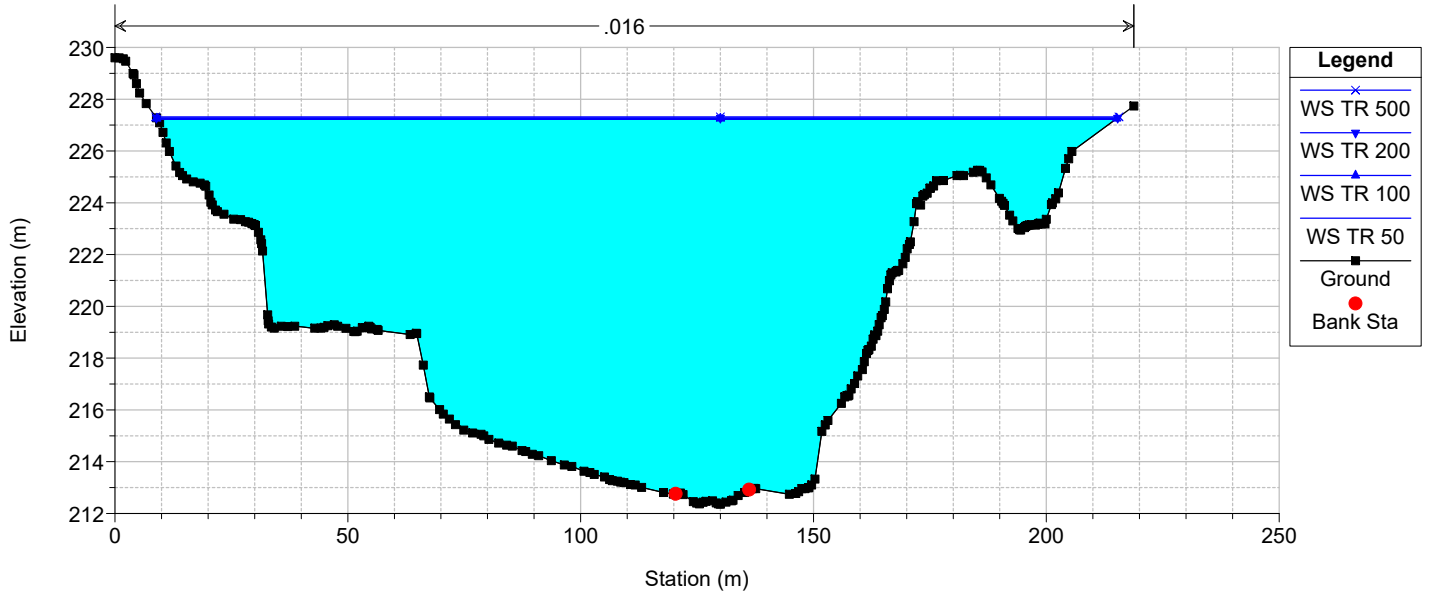
River = fosso della noce Reach = principale RS = 869.5993 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



FOSSO DELLA NOCE Plan: Plan 04 2/11/2021

Geom: 05022021 Flow: 11022021

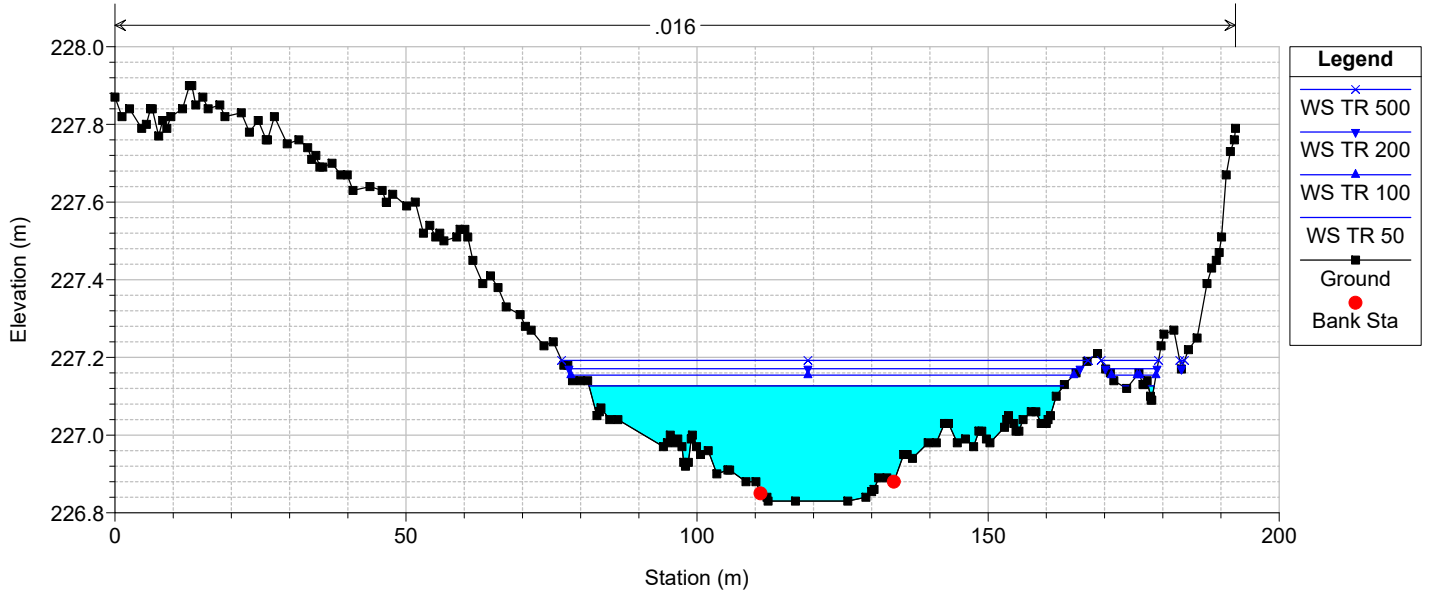
River = fosso della noce Reach = principale RS = 838.7965 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



FOSSO DELLA NOCE Plan: Plan 04 2/11/2021

Geom: 05022021 Flow: 11022021

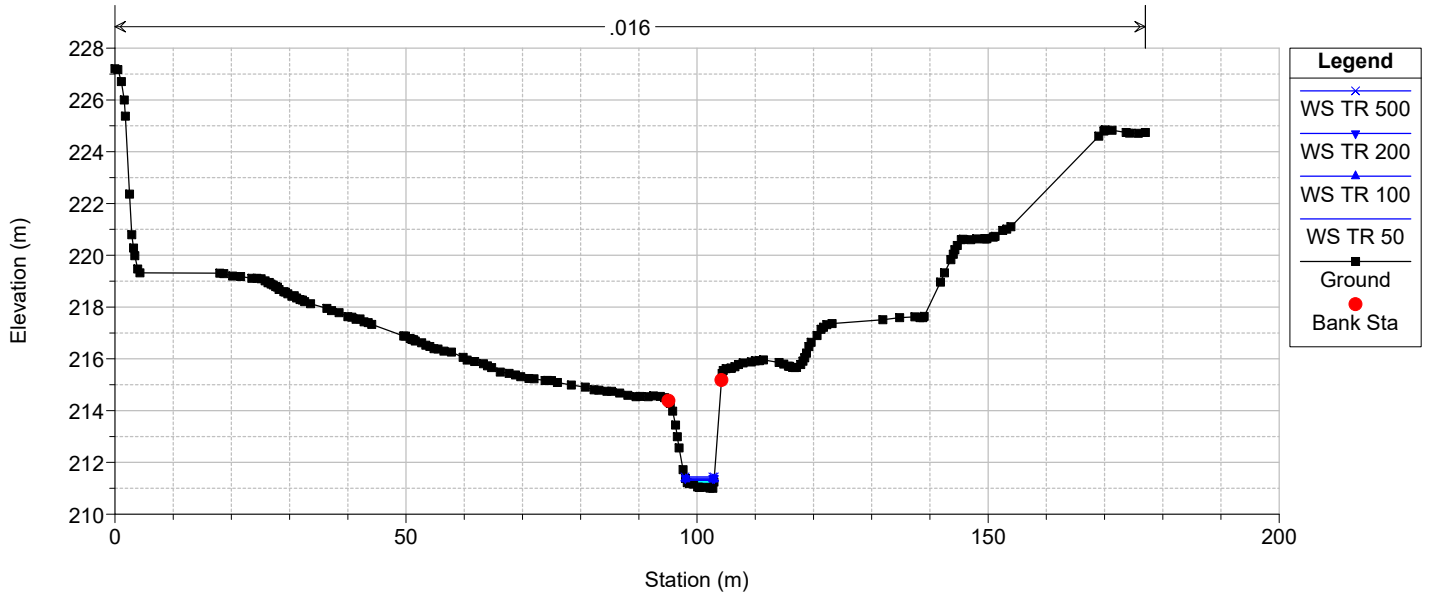
River = fosso della noce Reach = principale RS = 800 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



FOSSO DELLA NOCE Plan: Plan 04 2/11/2021

Geom: 05022021 Flow: 11022021

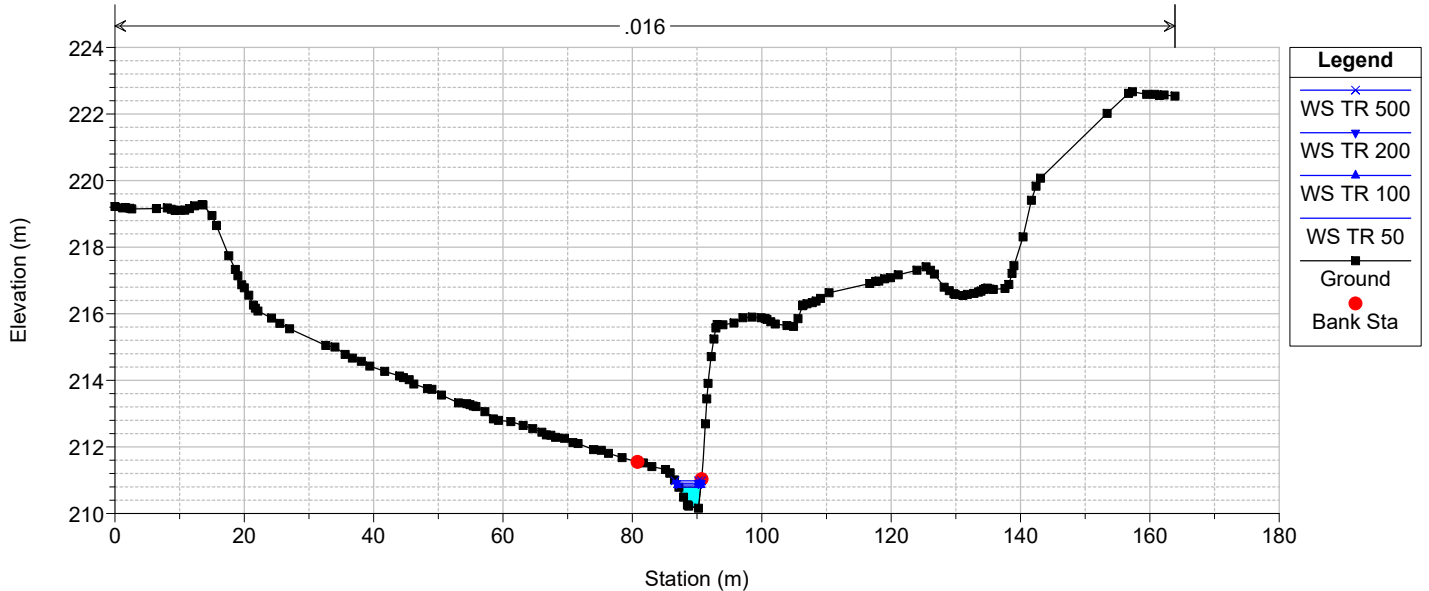
River = fosso della noce Reach = principale RS = 771.6200 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



FOSSO DELLA NOCE Plan: Plan 04 2/11/2021

Geom: 05022021 Flow: 11022021

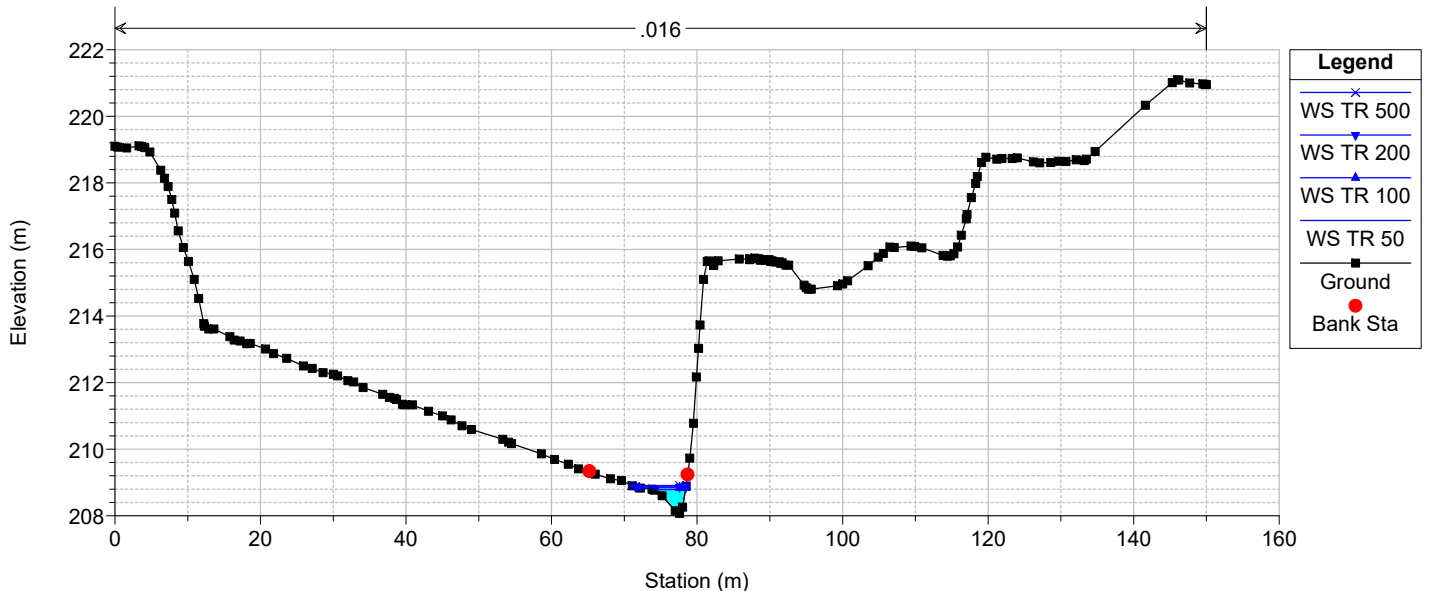
River = fosso della noce Reach = principale RS = 748.4433 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



FOSSO DELLA NOCE Plan: Plan 04 2/11/2021

Geom: 05022021 Flow: 11022021

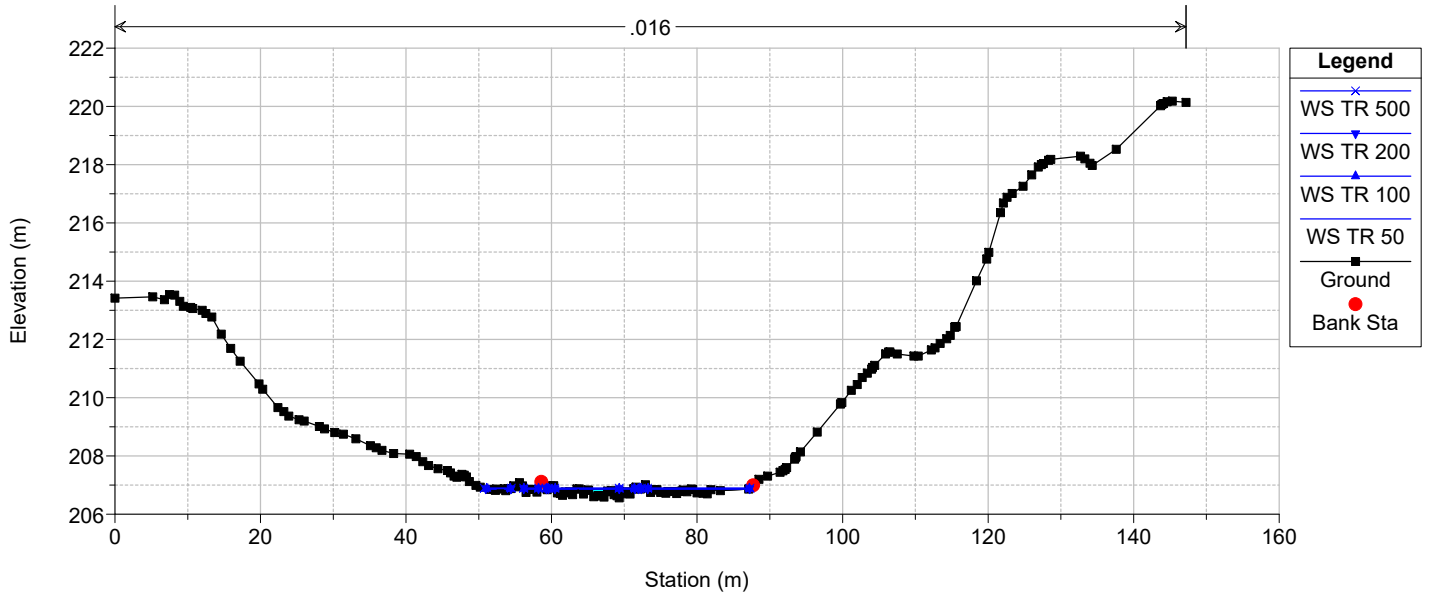
River = fosso della noce Reach = principale RS = 726.9809 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



FOSSO DELLA NOCE Plan: Plan 04 2/11/2021

Geom: 05022021 Flow: 11022021

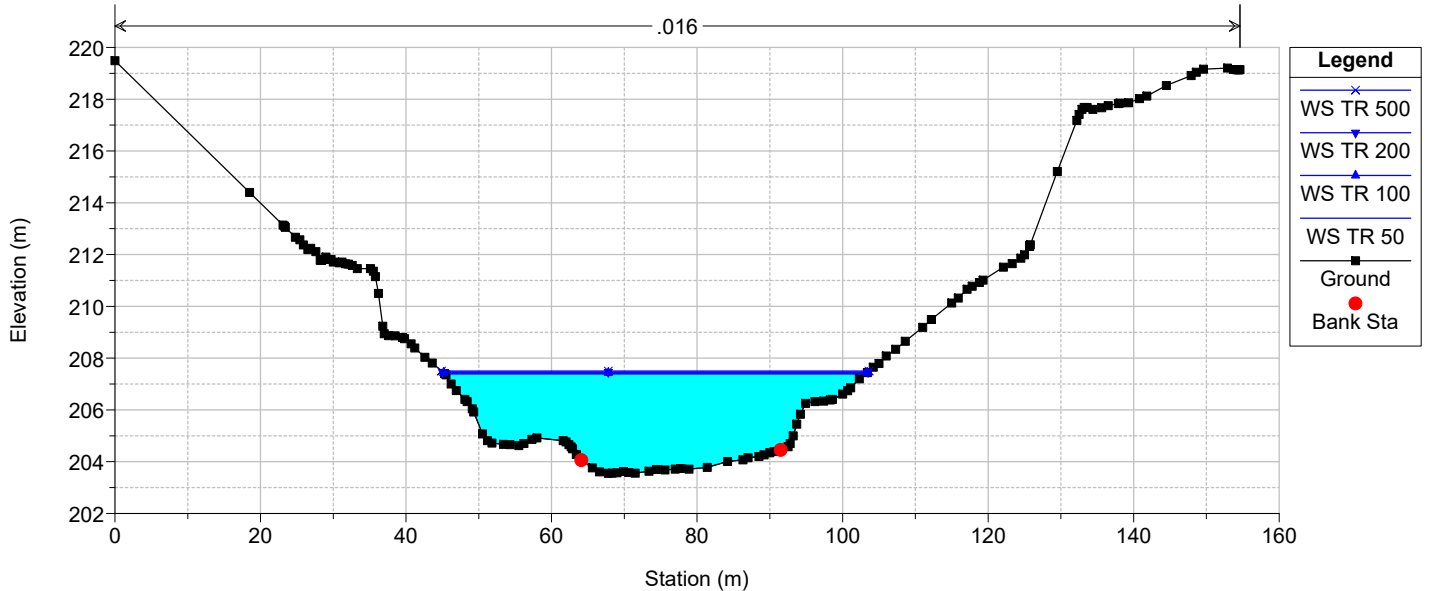
River = fosso della noce Reach = principale RS = 703.9369 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



FOSSO DELLA NOCE Plan: Plan 04 2/11/2021

Geom: 05022021 Flow: 11022021

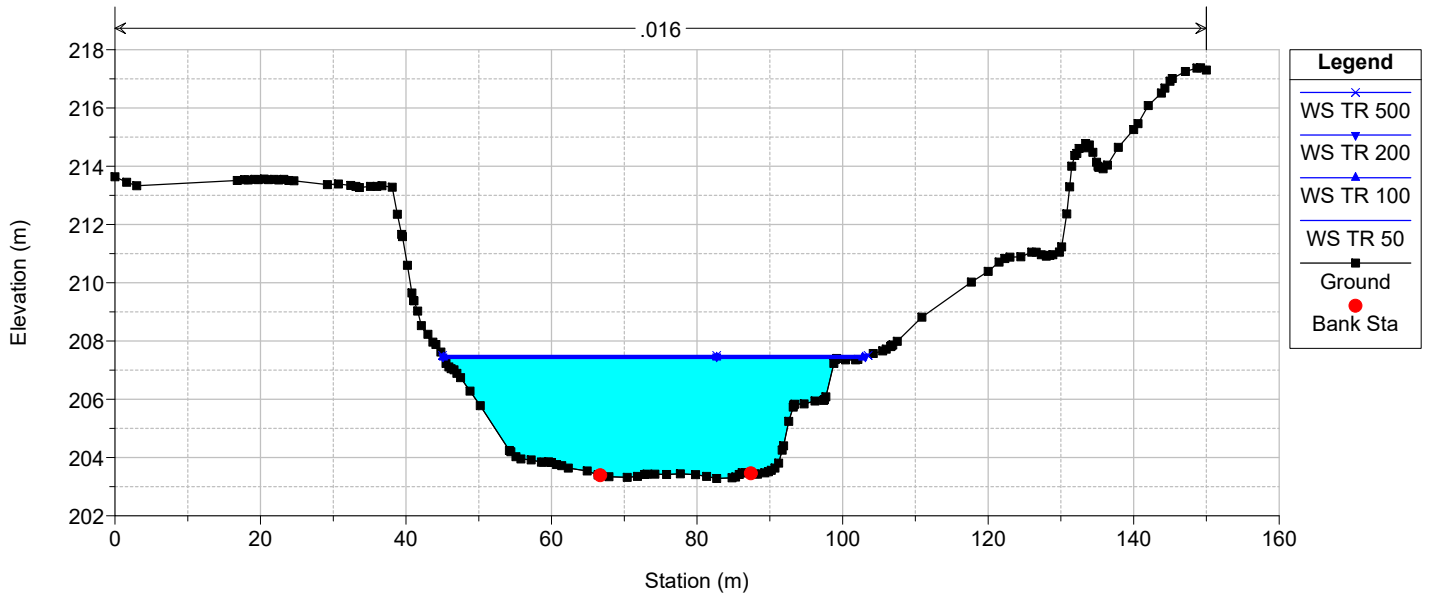
River = fosso della noce Reach = principale RS = 684.2995 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



FOSSO DELLA NOCE Plan: Plan 04 2/11/2021

Geom: 05022021 Flow: 11022021

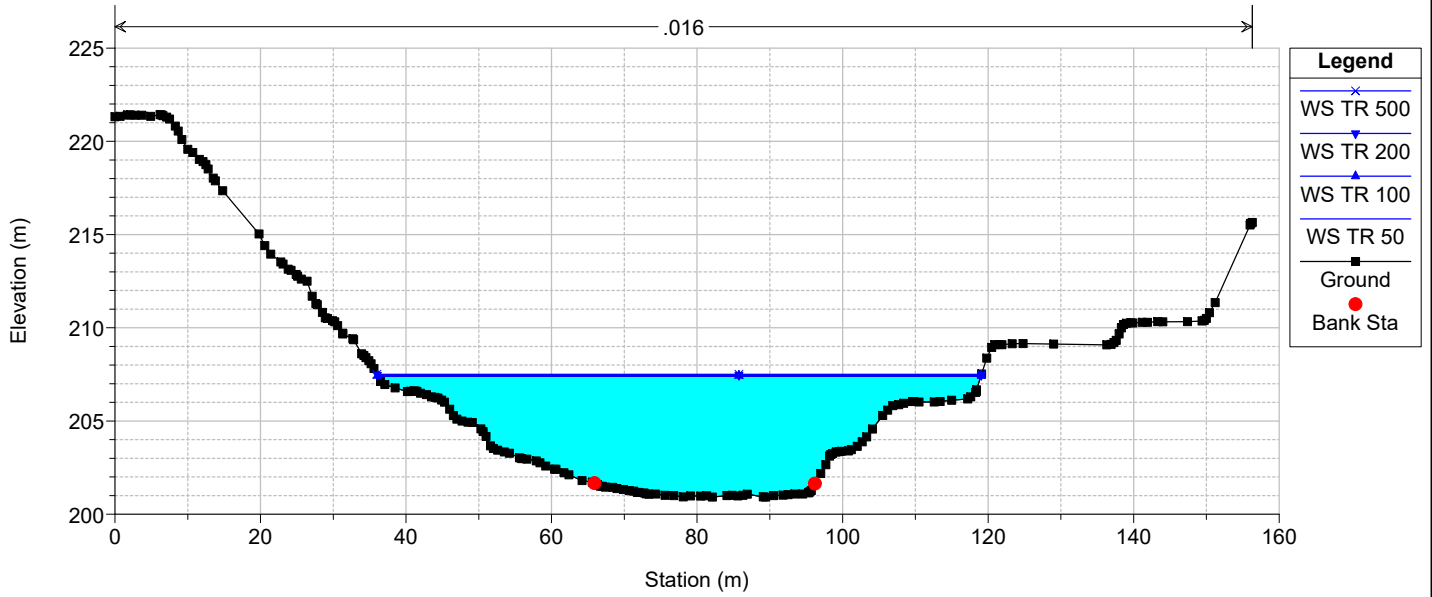
River = fosso della noce Reach = principale RS = 661.9126 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



FOSSO DELLA NOCE Plan: Plan 04 2/11/2021

Geom: 05022021 Flow: 11022021

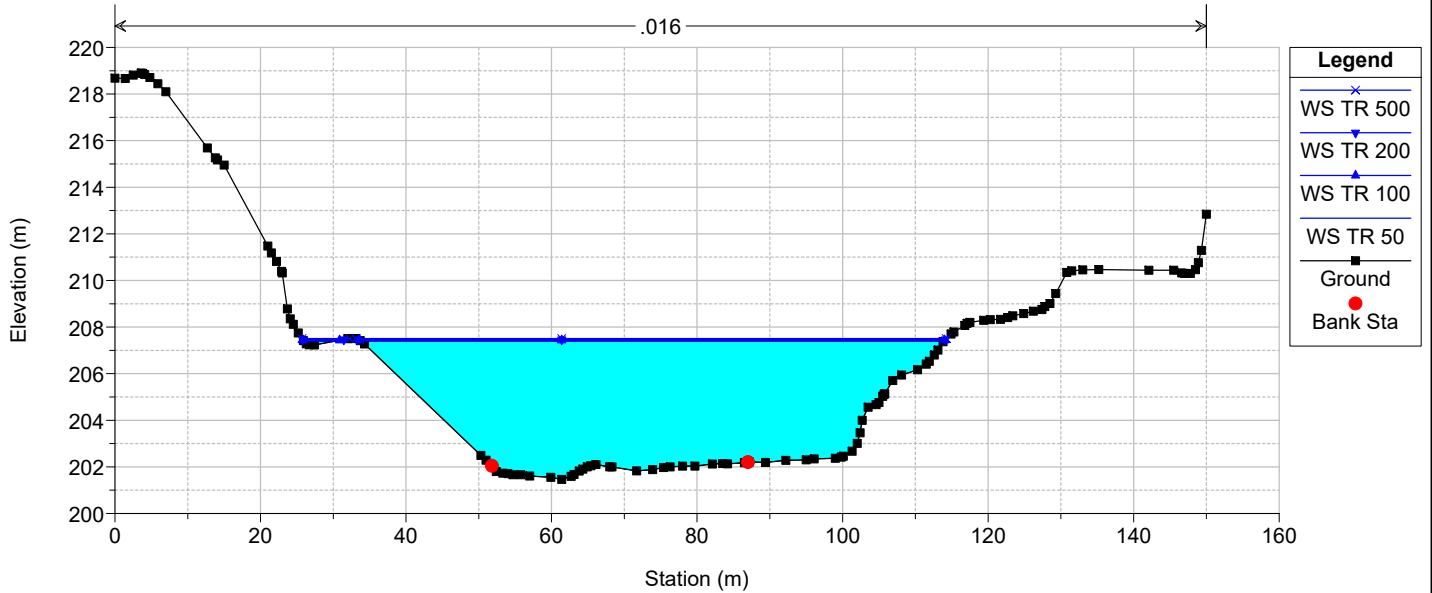
River = fosso della noce Reach = principale RS = 632.4147 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



FOSSO DELLA NOCE Plan: Plan 04 2/11/2021

Geom: 05022021 Flow: 11022021

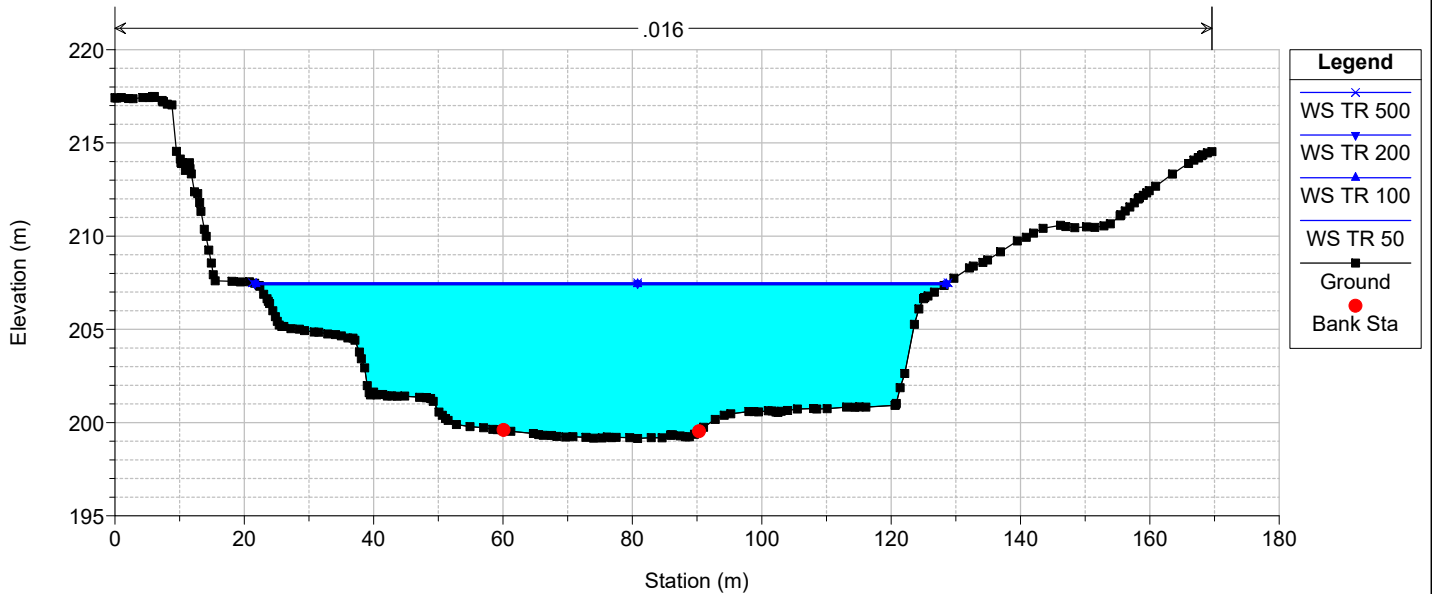
River = fosso della noce Reach = principale RS = 590 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



FOSSO DELLA NOCE Plan: Plan 04 2/11/2021

Geom: 05022021 Flow: 11022021

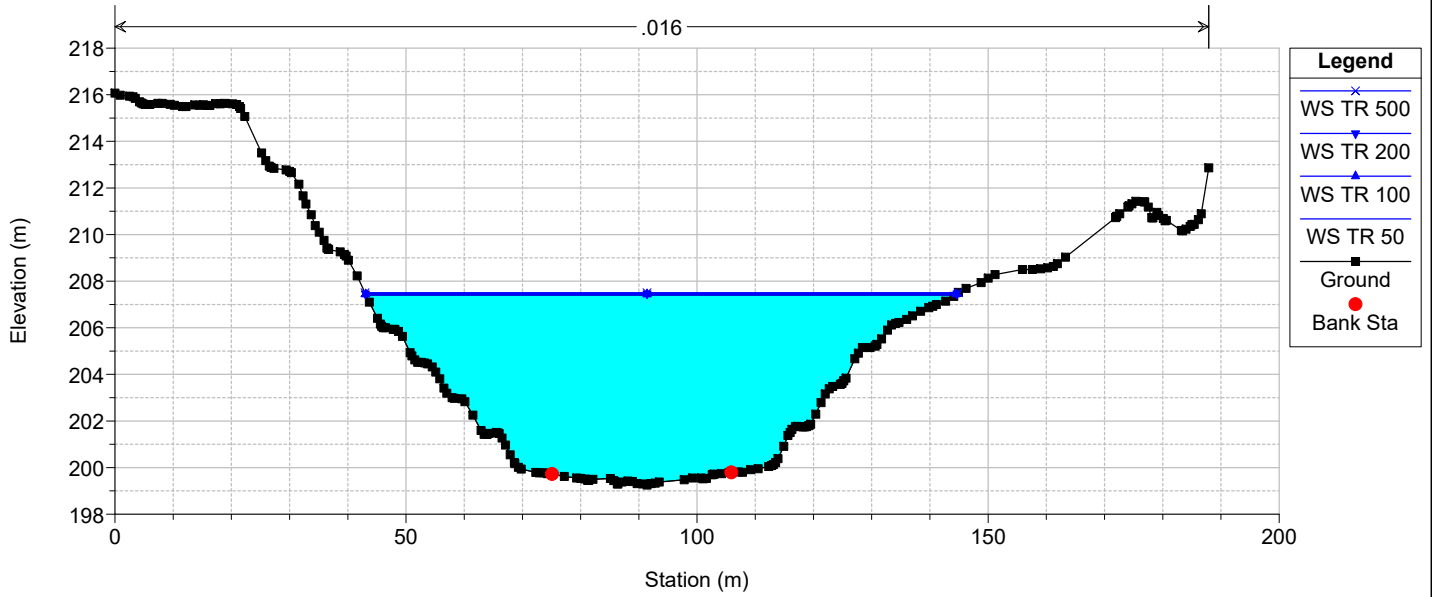
River = fosso della noce Reach = principale RS = 543 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



FOSSO DELLA NOCE Plan: Plan 04 2/11/2021

Geom: 05022021 Flow: 11022021

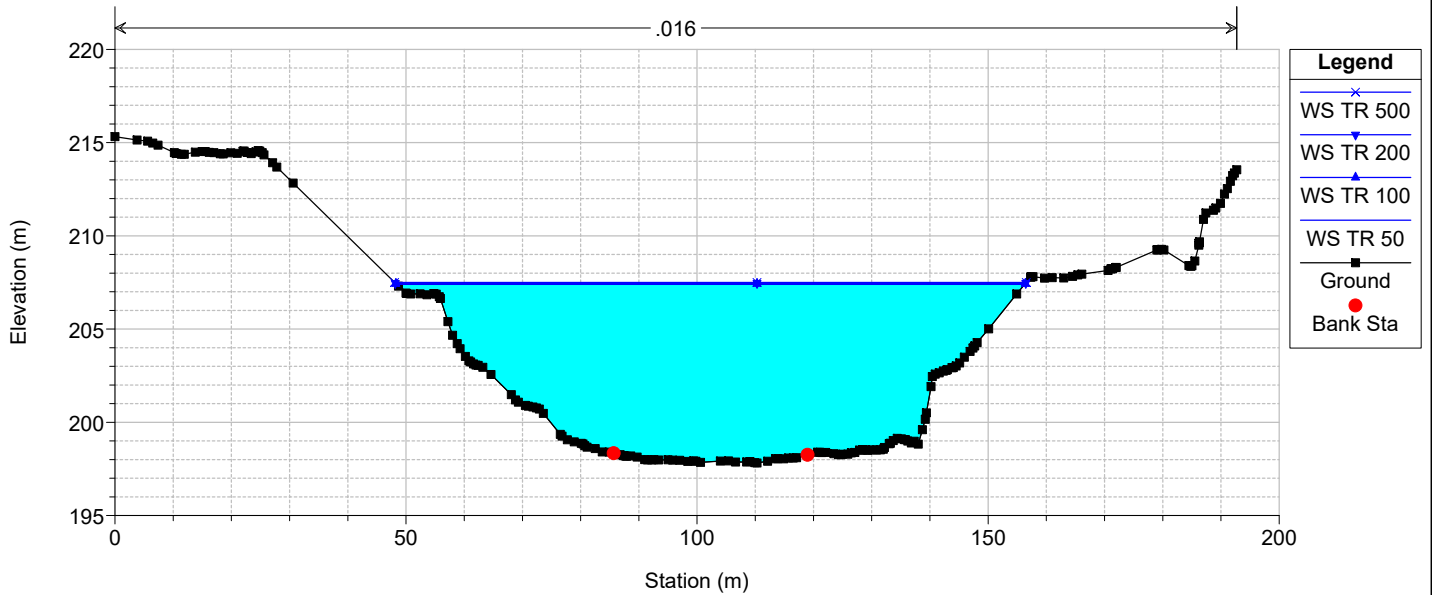
River = fosso della noce Reach = principale RS = 503 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



FOSSO DELLA NOCE Plan: Plan 04 2/11/2021

Geom: 05022021 Flow: 11022021

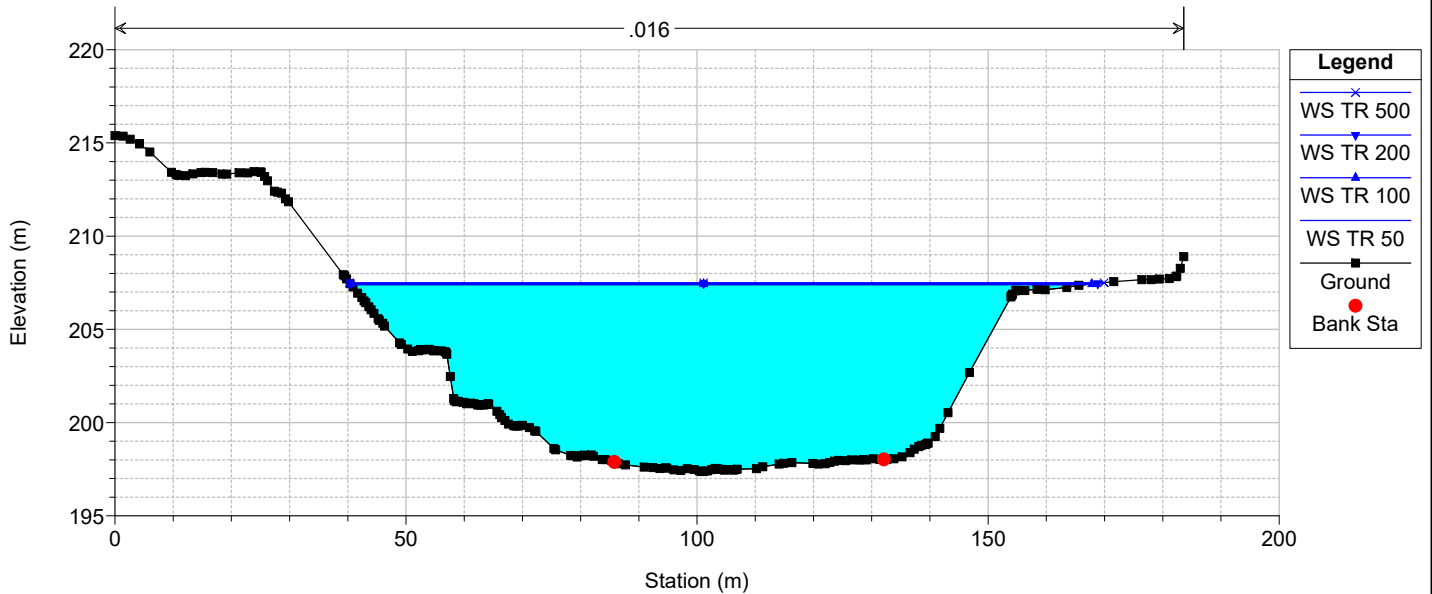
River = fosso della noce Reach = principale RS = 482.4062 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



FOSSO DELLA NOCE Plan: Plan 04 2/11/2021

Geom: 05022021 Flow: 11022021

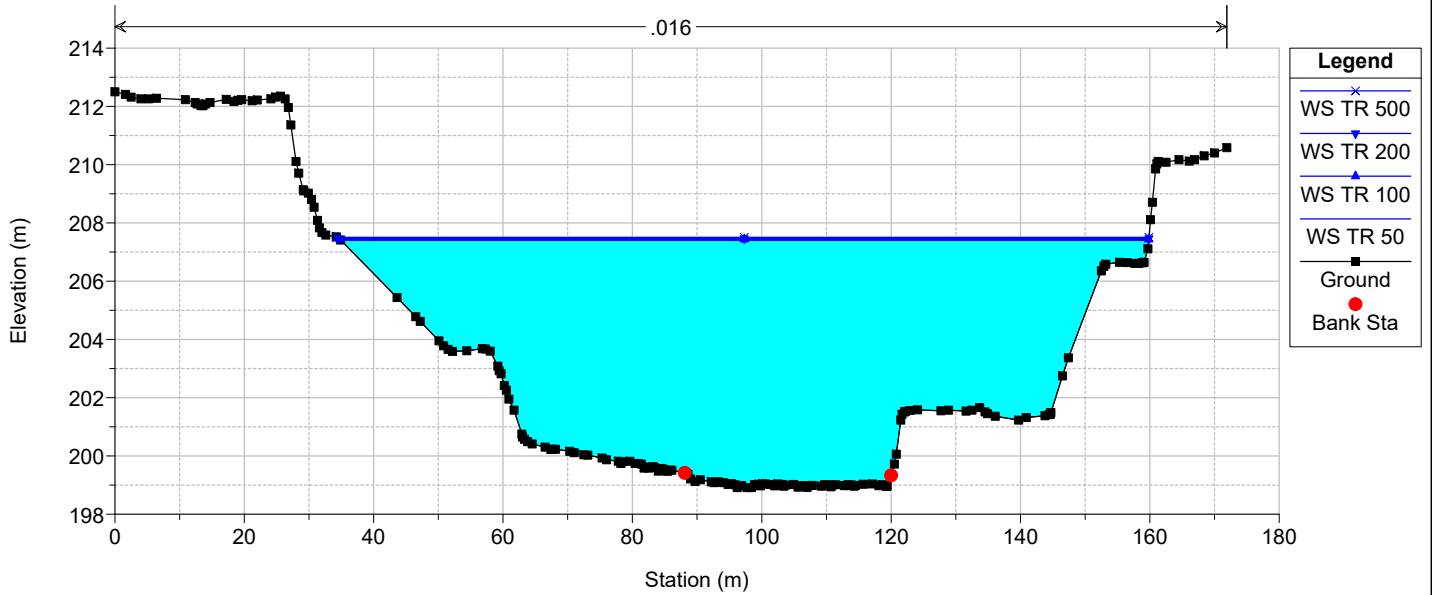
River = fosso della noce Reach = principale RS = 460.3575 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



FOSSO DELLA NOCE Plan: Plan 04 2/11/2021

Geom: 05022021 Flow: 11022021

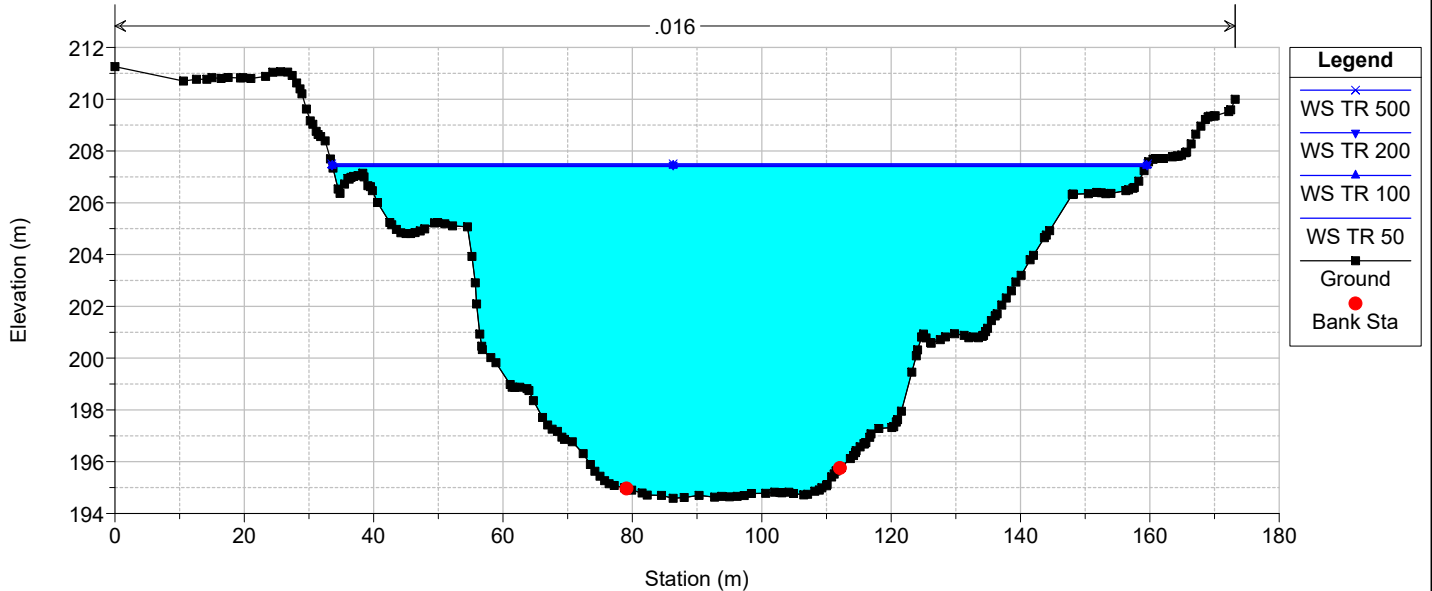
River = fosso della noce Reach = principale RS = 433 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



FOSSO DELLA NOCE Plan: Plan 04 2/11/2021

Geom: 05022021 Flow: 11022021

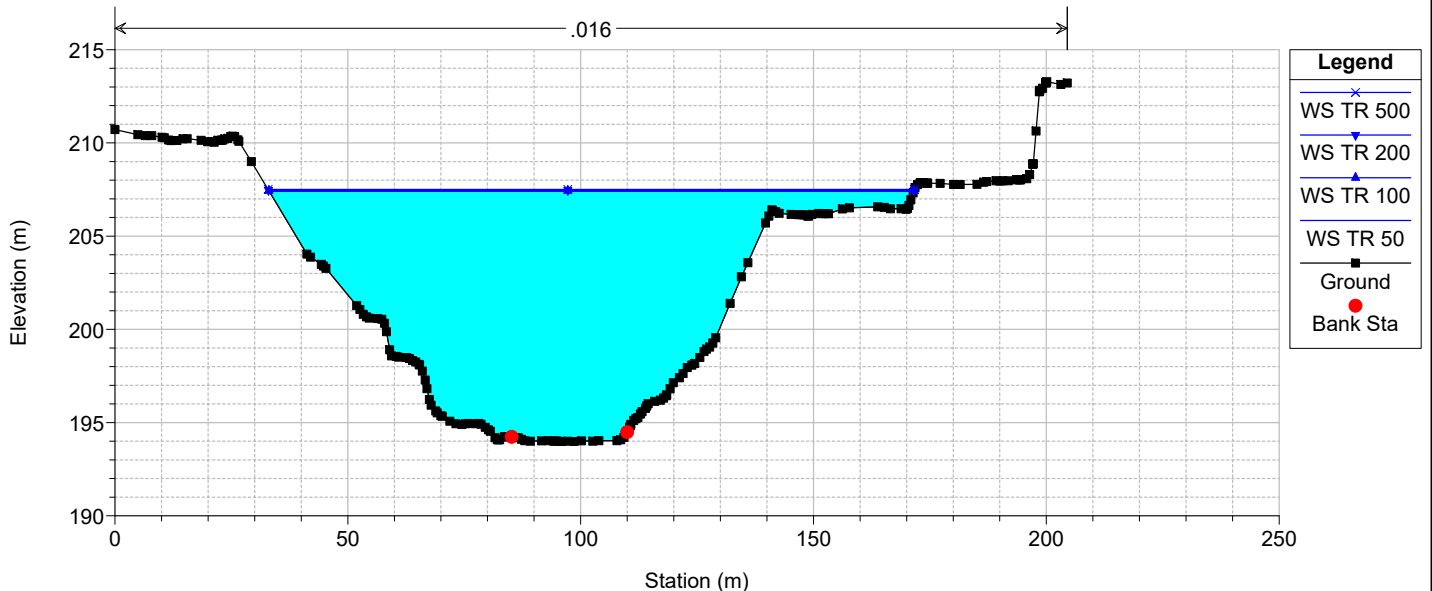
River = fosso della noce Reach = principale RS = 406.1727 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



FOSSO DELLA NOCE Plan: Plan 04 2/11/2021

Geom: 05022021 Flow: 11022021

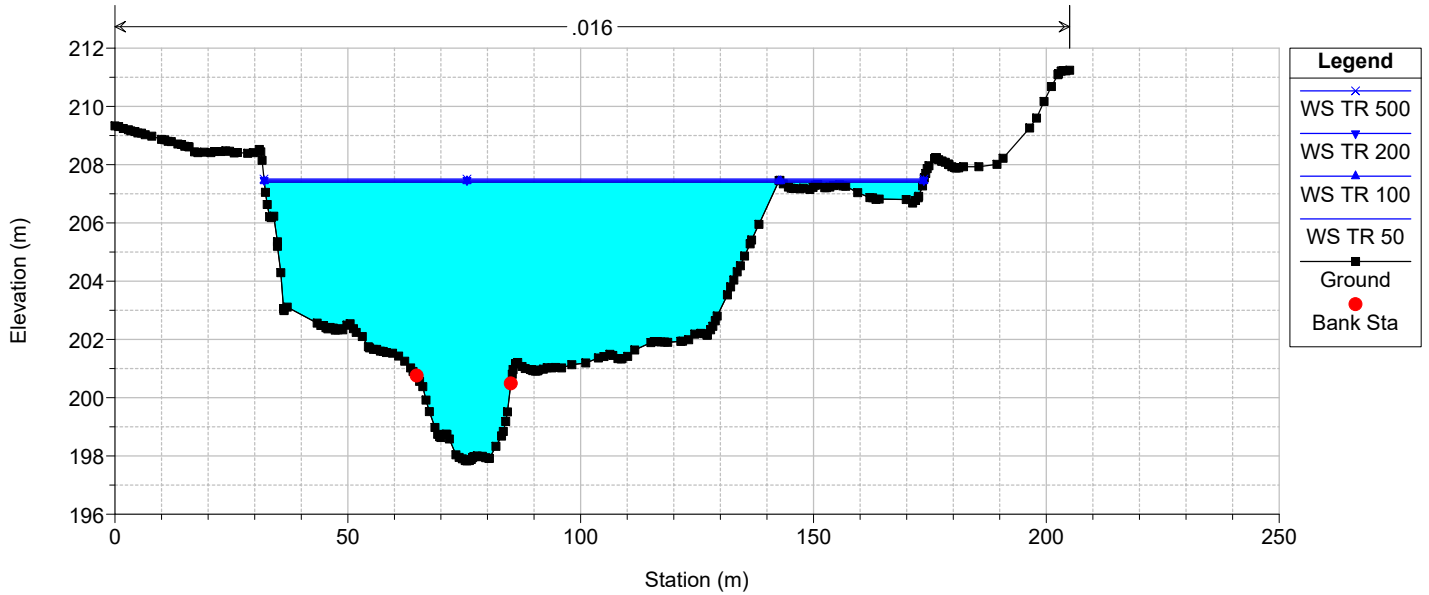
River = fosso della noce Reach = principale RS = 375.8288 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



FOSSO DELLA NOCE Plan: Plan 04 2/11/2021

Geom: 05022021 Flow: 11022021

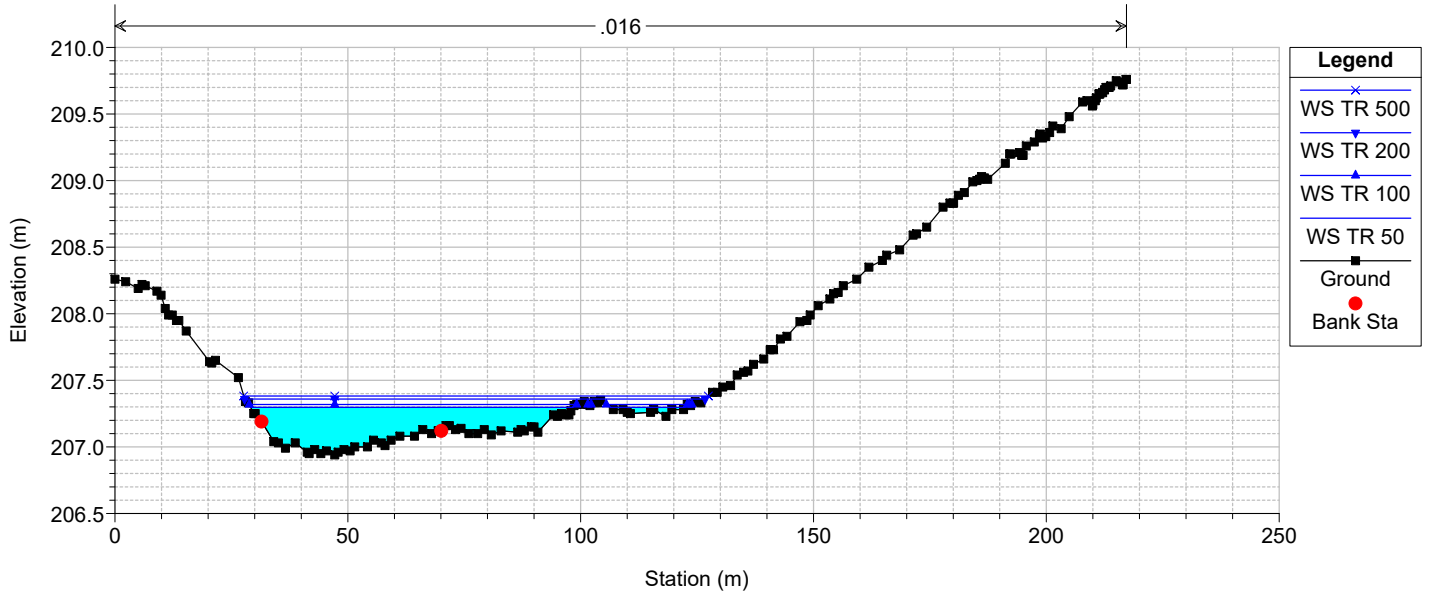
River = fosso della noce Reach = principale RS = 342.6439 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



FOSSO DELLA NOCE Plan: Plan 04 2/11/2021

Geom: 05022021 Flow: 11022021

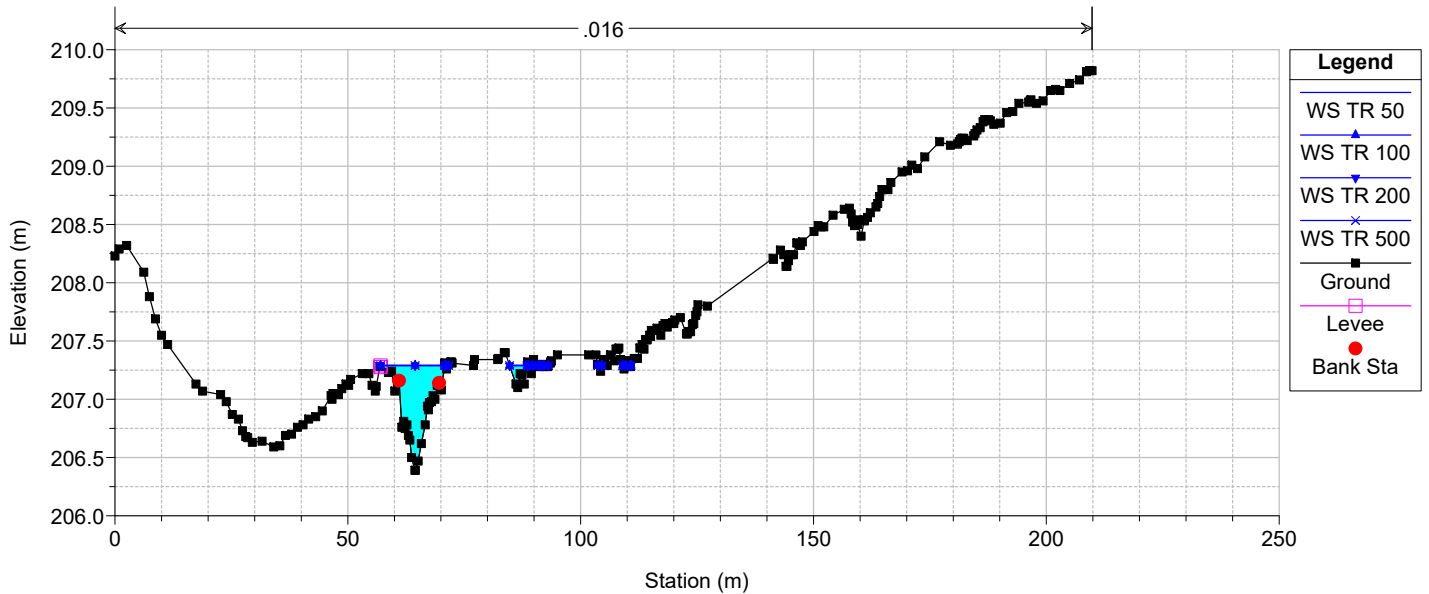
River = fosso della noce Reach = principale RS = 318.4741 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



FOSSO DELLA NOCE Plan: Plan 04 2/11/2021

Geom: 05022021 Flow: 11022021

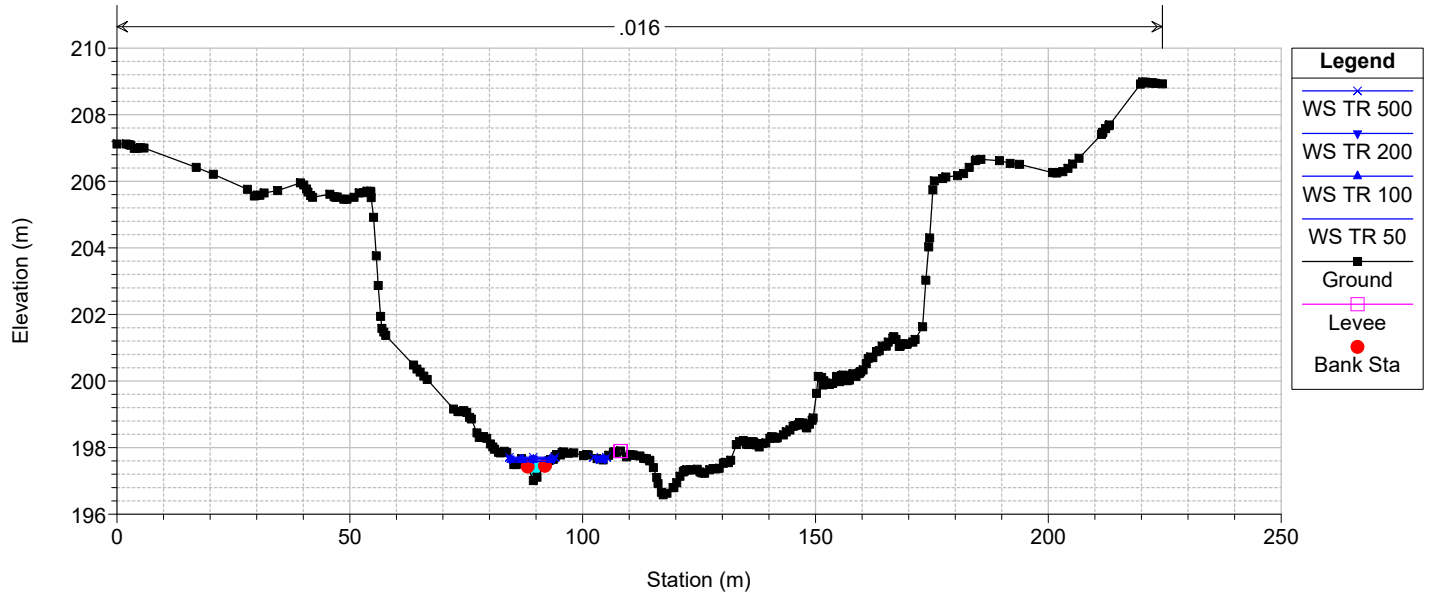
River = fosso della noce Reach = principale RS = 311 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



FOSSO DELLA NOCE Plan: Plan 04 2/11/2021

Geom: 05022021 Flow: 11022021

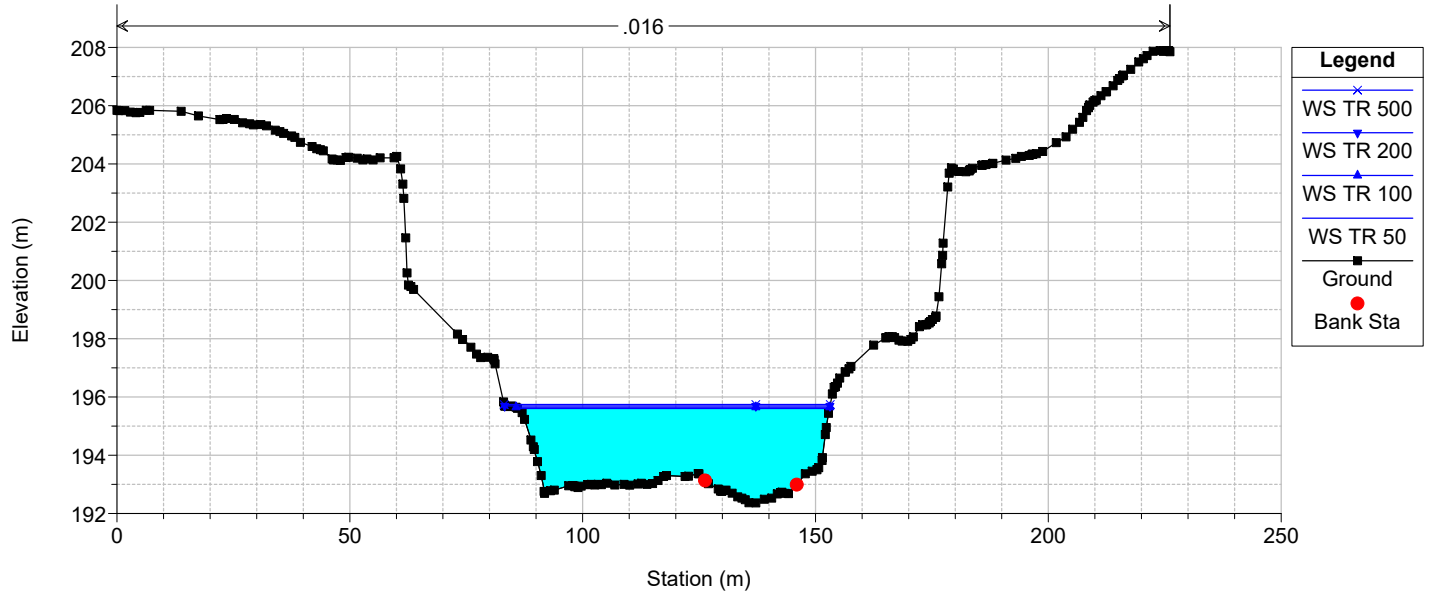
River = fosso della noce Reach = principale RS = 296.3257 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



FOSSO DELLA NOCE Plan: Plan 04 2/11/2021

Geom: 05022021 Flow: 11022021

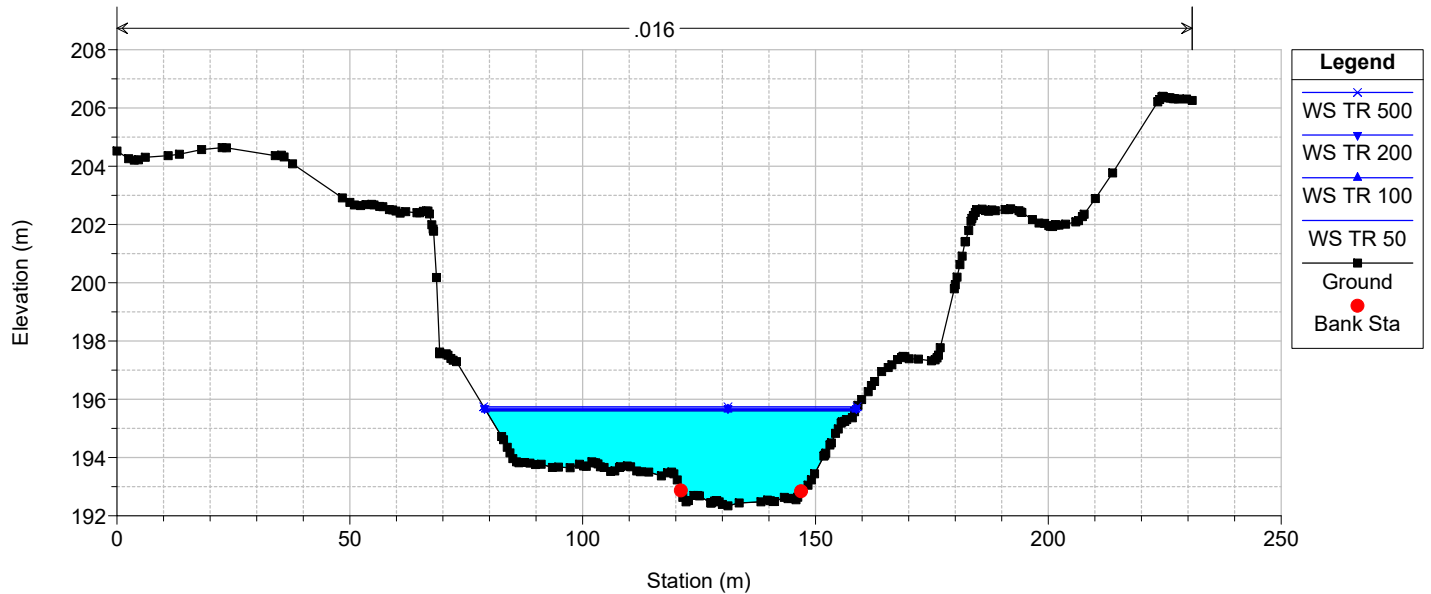
River = fosso della noce Reach = principale RS = 276.5641 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



FOSSO DELLA NOCE Plan: Plan 04 2/11/2021

Geom: 05022021 Flow: 11022021

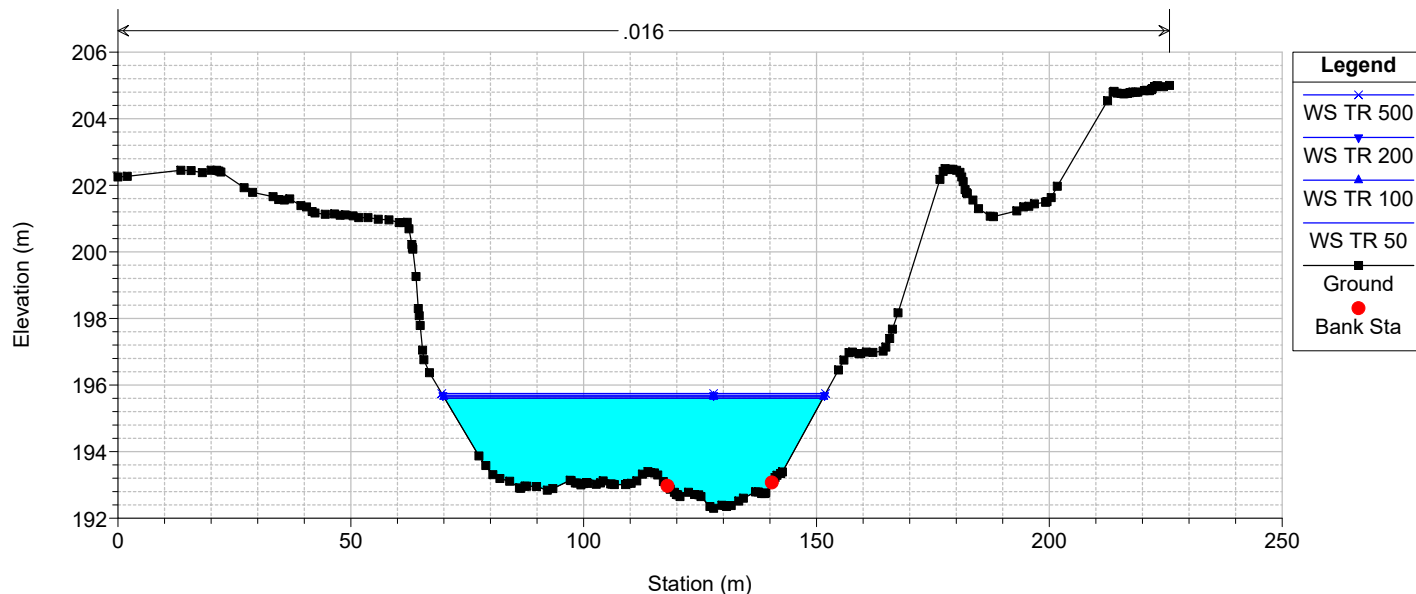
River = fosso della noce Reach = principale RS = 253.5309 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



FOSSO DELLA NOCE Plan: Plan 04 2/11/2021

Geom: 05022021 Flow: 11022021

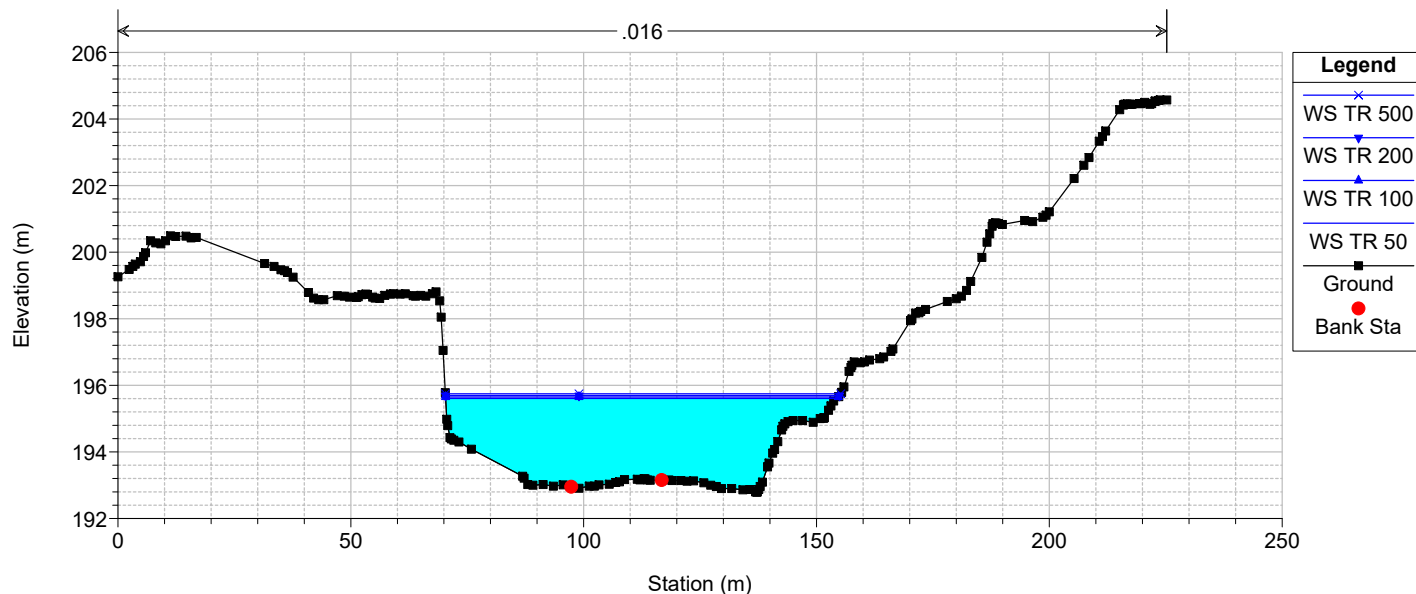
River = fosso della noce Reach = principale RS = 230.4820 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



FOSSO DELLA NOCE Plan: Plan 04 2/11/2021

Geom: 05022021 Flow: 11022021

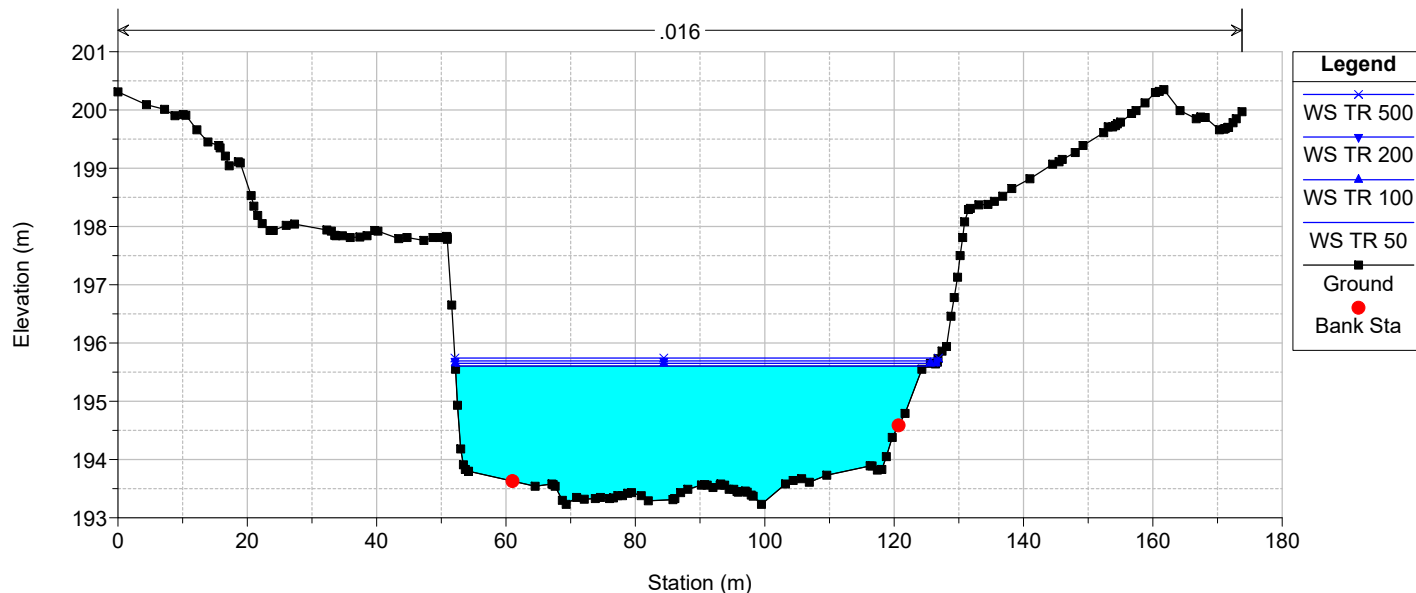
River = fosso della noce Reach = principale RS = 206.3853 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



FOSSO DELLA NOCE Plan: Plan 04 2/11/2021

Geom: 05022021 Flow: 11022021

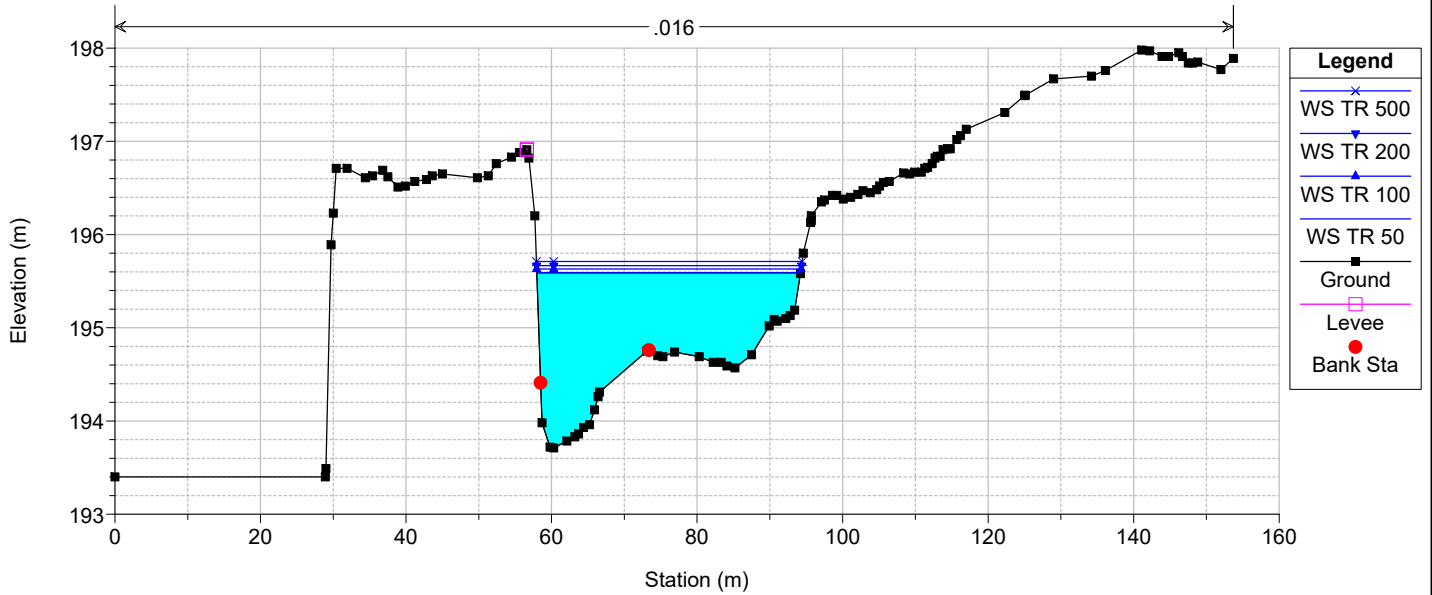
River = fosso della noce Reach = principale RS = 183 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



FOSSO DELLA NOCE Plan: Plan 04 2/11/2021

Geom: 05022021 Flow: 11022021

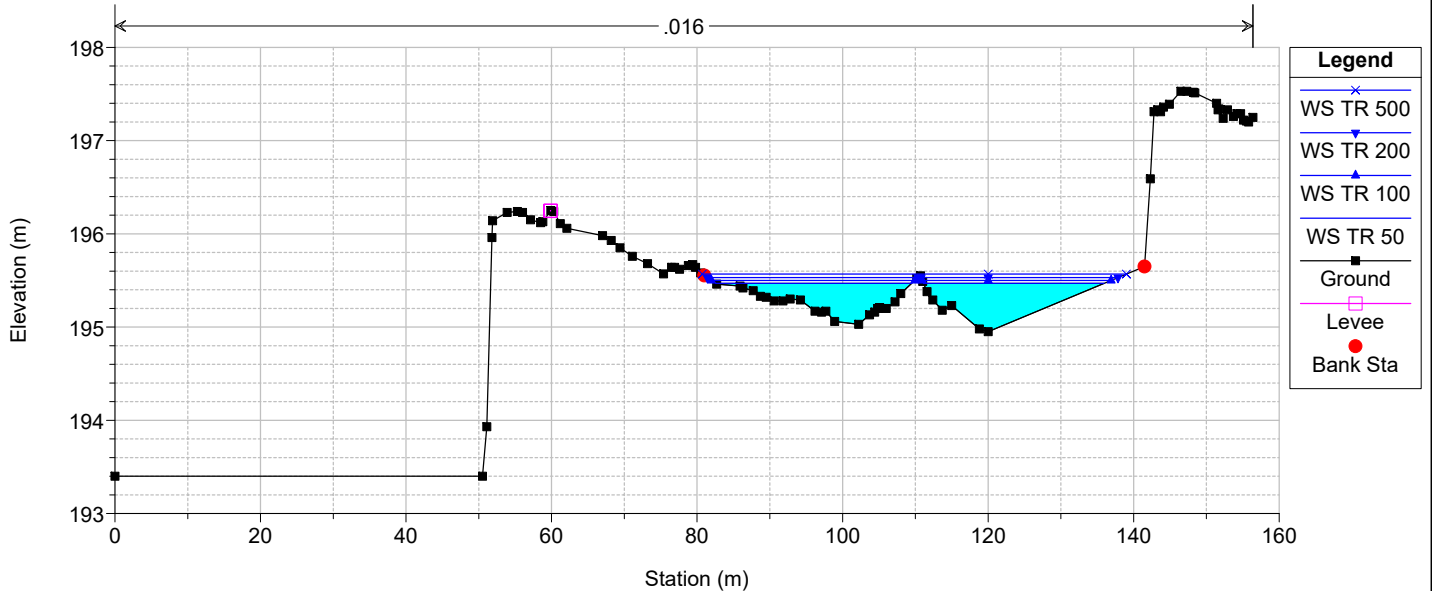
River = fosso della noce Reach = principale RS = 162 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



FOSSO DELLA NOCE Plan: Plan 04 2/11/2021

Geom: 05022021 Flow: 11022021

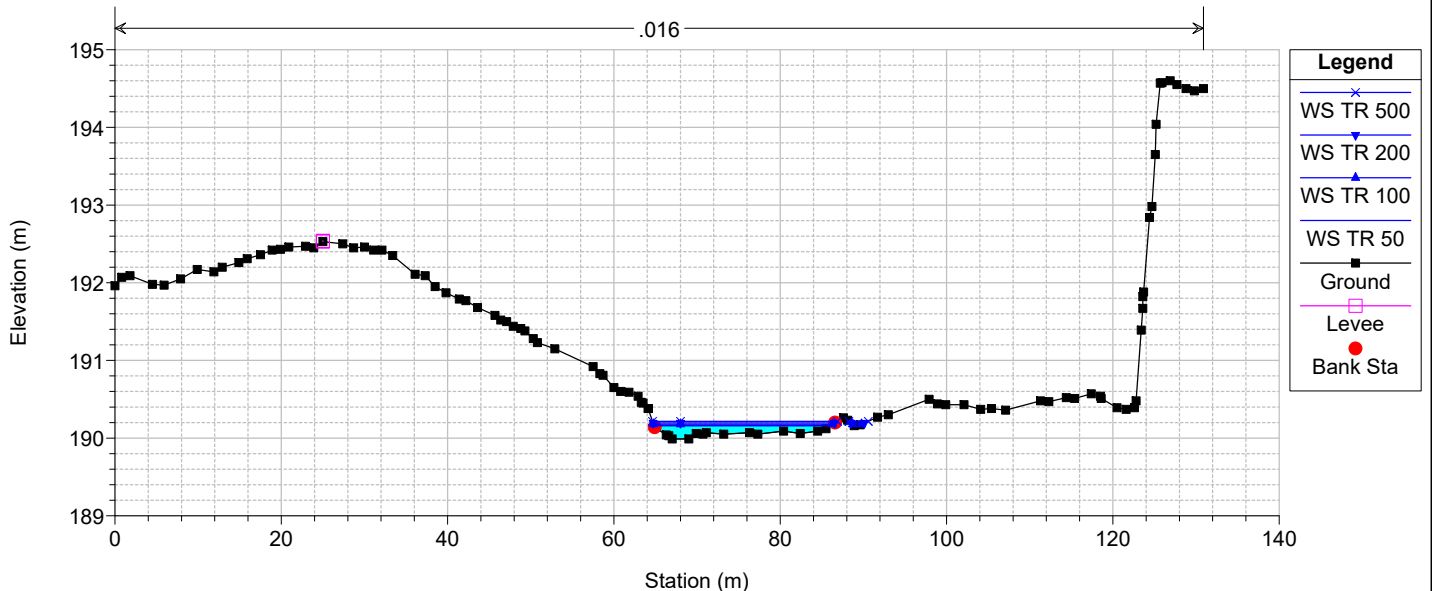
River = fosso della noce Reach = principale RS = 143 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



FOSSO DELLA NOCE Plan: Plan 04 2/11/2021

Geom: 05022021 Flow: 11022021

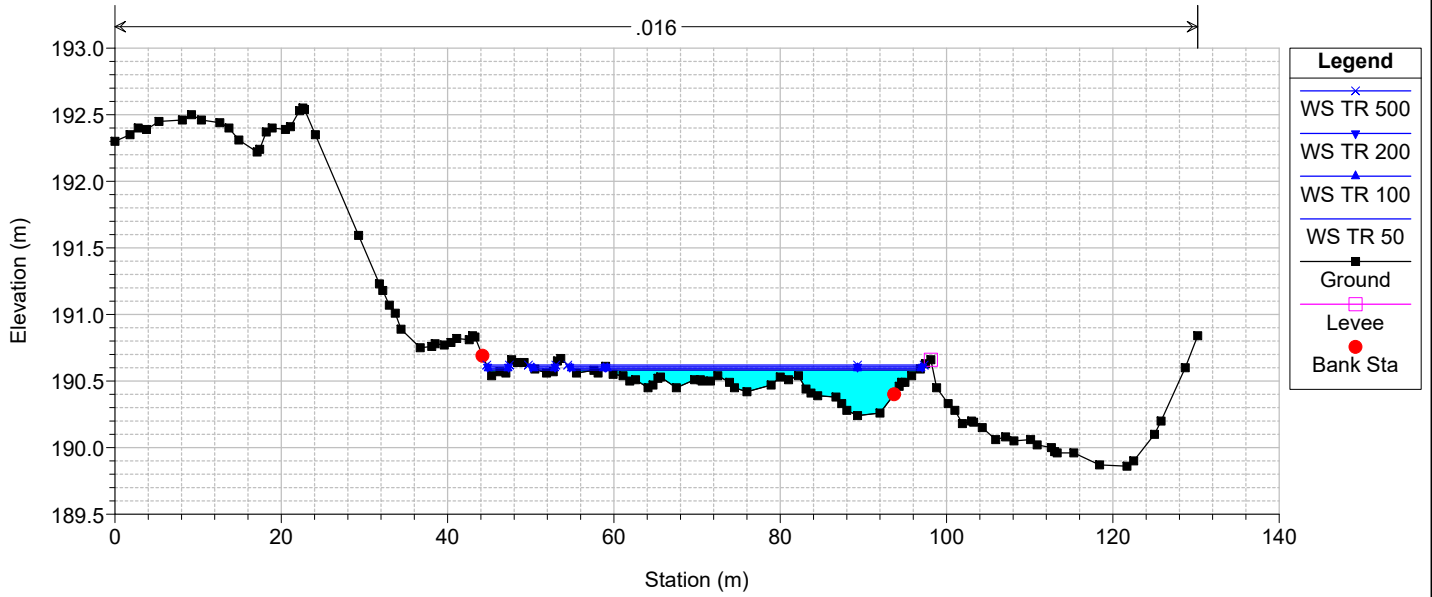
River = fosso della noce Reach = principale RS = 96 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



FOSSO DELLA NOCE Plan: Plan 04 2/11/2021

Geom: 05022021 Flow: 11022021

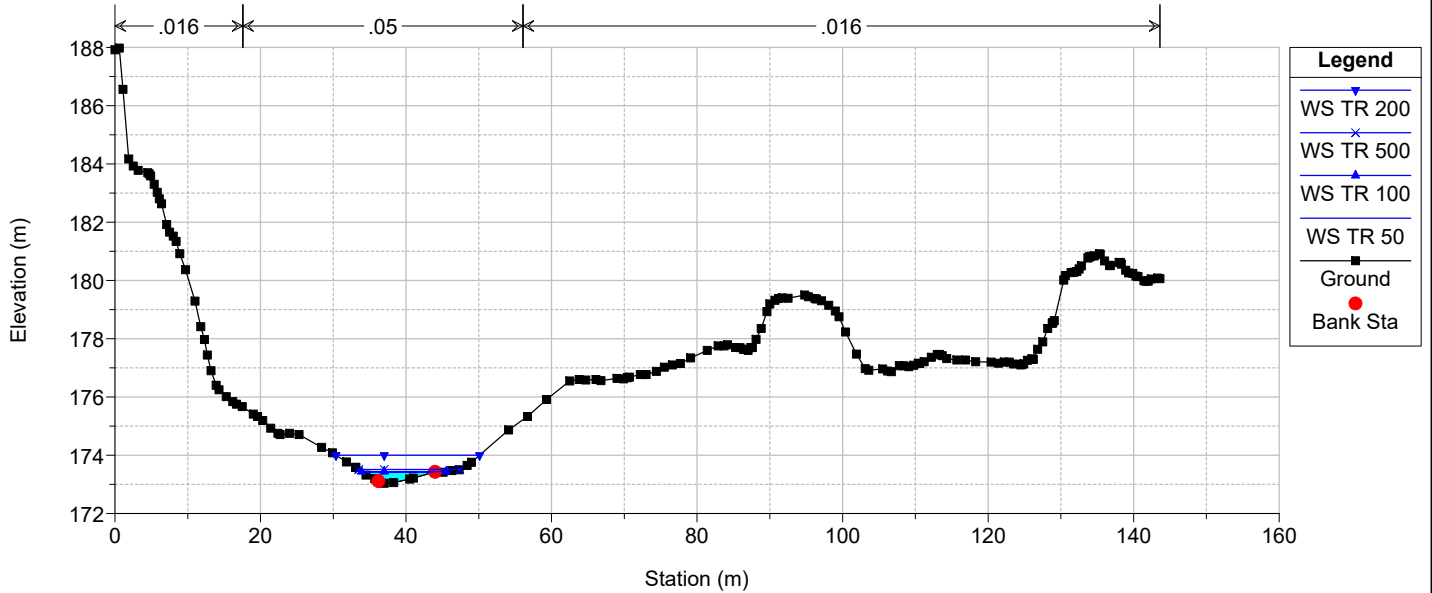
River = fosso della noce Reach = principale RS = 79.56369 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



FOSSO DELLA NOCE Plan: Plan 04 2/11/2021

Geom: 05022021 Flow: 11022021

River = fosso della noce Reach = principale RS = 8 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



HEC-RAS Plan:

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
principale	2207	TR 50	11.64	261.38	262.68	262.68	262.82	0.018828	1.66	7.02	25.02	1.00
principale	2207	TR 100	13.72	261.38	262.71	262.71	262.86	0.018623	1.75	7.87	25.89	1.01
principale	2207	TR 200	15.82	261.38	262.75	262.75	262.91	0.017690	1.80	8.83	26.83	1.00
principale	2207	TR 500	18.67	261.38	262.79	262.79	262.97	0.017331	1.88	9.97	27.91	1.00
principale	2183	TR 50	11.64	261.74	262.16	262.19	262.36	0.019770	2.02	6.04	19.17	1.08
principale	2183	TR 100	13.72	261.74	262.20	262.23	262.42	0.019092	2.13	6.78	19.34	1.08
principale	2183	TR 200	15.82	261.74	262.24	262.27	262.48	0.018791	2.23	7.46	19.50	1.09
principale	2183	TR 500	18.67	261.74	262.29	262.32	262.55	0.017889	2.34	8.41	19.72	1.08
principale	2161	TR 50	11.64	260.97	261.37	261.37	261.52	0.015721	1.73	7.11	24.33	0.95
principale	2161	TR 100	13.72	260.97	261.41	261.41	261.57	0.015224	1.82	7.97	24.43	0.95
principale	2161	TR 200	15.82	260.97	261.44	261.44	261.61	0.015051	1.91	8.74	24.52	0.96
principale	2161	TR 500	18.67	260.97	261.48	261.48	261.67	0.014959	2.03	9.72	24.64	0.97
principale	2135	TR 50	11.64	259.95	260.27	260.27	260.27	0.000017	0.05	105.54	178.56	0.03
principale	2135	TR 100	13.72	259.95	260.27	260.27	260.27	0.000024	0.06	105.54	178.56	0.04
principale	2135	TR 200	15.82	259.95	260.27	260.27	260.27	0.000031	0.07	105.54	178.56	0.04
principale	2135	TR 500	18.67	259.95	260.27	260.27	260.27	0.000044	0.08	105.55	178.56	0.05
principale	2120	TR 50	11.64	258.26	258.40	258.58	260.10	0.193114	6.14	2.14	28.64	6.03
principale	2120	TR 100	13.72	258.26	258.41	258.60	260.10	0.166535	6.18	2.54	29.86	5.71
principale	2120	TR 200	15.82	258.26	258.43	258.62	260.10	0.145369	6.21	2.96	32.32	5.44
principale	2120	TR 500	18.67	258.26	258.44	258.66	260.10	0.125903	6.25	3.52	34.47	5.16
principale	2112.597	TR 50	11.64	254.32	254.94	255.67	259.02	0.079133	8.94	1.30	2.82	4.20
principale	2112.597	TR 100	13.72	254.32	255.02	255.80	259.12	0.069437	8.97	1.53	2.95	3.98
principale	2112.597	TR 200	15.82	254.32	255.10	255.92	259.21	0.061693	8.98	1.76	3.07	3.79
principale	2112.597	TR 500	18.67	254.32	255.20	256.07	259.30	0.052986	8.96	2.08	3.17	3.53
principale	2093.438	TR 50	11.64	253.18	253.27	253.45	255.36	0.472685	6.41	1.82	31.61	8.53
principale	2093.438	TR 100	13.72	253.18	253.27	253.47	255.73	0.544180	6.95	1.97	33.80	9.17
principale	2093.438	TR 200	15.82	253.18	253.28	253.49	256.14	0.580566	7.50	2.11	33.87	9.58
principale	2093.438	TR 500	18.67	253.18	253.28	253.52	256.65	0.612271	8.13	2.30	33.96	9.97
principale	2078.252	TR 50	11.64	253.14	253.27	253.34	253.51	0.034416	2.14	5.52	74.89	2.43
principale	2078.252	TR 100	13.72	253.14	253.28	253.36	253.57	0.040320	2.39	5.83	75.65	2.65
principale	2078.252	TR 200	15.82	253.14	253.28	253.37	253.64	0.047663	2.66	6.05	76.19	2.89
principale	2078.252	TR 500	18.67	253.14	253.29	253.39	253.74	0.057117	3.00	6.35	76.92	3.19
principale	2058.701	TR 50	11.64	252.48	253.11	253.16	253.31	0.004378	1.99	6.22	25.52	1.10
principale	2058.701	TR 100	13.72	252.48	253.15	253.20	253.36	0.004221	2.09	7.16	28.94	1.10
principale	2058.701	TR 200	15.82	252.48	253.17	253.23	253.40	0.004200	2.19	8.01	30.49	1.11
principale	2058.701	TR 500	18.67	252.48	253.20	253.32	253.47	0.004497	2.36	8.86	33.66	1.16
principale	2034.741	TR 50	11.64	251.83	252.03	252.19	252.96	0.072881	4.37	2.82	26.00	3.84
principale	2034.741	TR 100	13.72	251.83	252.04	252.22	253.02	0.065989	4.50	3.29	29.89	3.73
principale	2034.741	TR 200	15.82	251.83	252.06	252.22	253.07	0.060530	4.61	3.78	32.03	3.63
principale	2034.741	TR 500	18.67	251.83	252.08	252.22	253.12	0.055057	4.73	4.41	35.28	3.53
principale	2006.867	TR 50	11.64	251.03	251.27	251.39	251.71	0.024684	3.15	4.14	29.78	2.36
principale	2006.867	TR 100	13.72	251.03	251.28	251.42	251.79	0.025829	3.38	4.54	30.10	2.44
principale	2006.867	TR 200	15.82	251.03	251.30	251.45	251.87	0.026610	3.59	4.94	30.41	2.51
principale	2006.867	TR 500	18.67	251.03	251.31	251.49	251.96	0.027200	3.83	5.48	31.05	2.57
principale	1976.867	TR 50	11.64	249.73	249.94	250.10	250.65	0.052268	3.73	3.12	23.37	3.26
principale	1976.867	TR 100	13.72	249.73	249.96	250.13	250.73	0.048793	3.89	3.53	23.52	3.21
principale	1976.867	TR 200	15.82	249.73	249.97	250.17	250.81	0.046308	4.05	3.91	23.66	3.18
principale	1976.867	TR 500	18.67	249.73	249.99	250.21	250.91	0.043889	4.24	4.40	23.84	3.15
principale	1949.108	TR 50	11.64	248.49	248.72	248.87	249.31	0.042234	3.39	3.45	25.76	2.94
principale	1949.108	TR 100	13.72	248.49	248.74	248.90	249.42	0.043785	3.66	3.77	25.83	3.04
principale	1949.108	TR 200	15.82	248.49	248.75	248.93	249.52	0.044882	3.90	4.08	25.90	3.11
principale	1949.108	TR 500	18.67	248.49	248.76	248.97	249.66	0.045819	4.19	4.48	25.99	3.20
principale	1916.867	TR 50	11.64	245.70	246.13	246.47	247.77	0.046611	5.75	2.12	9.11	3.47
principale	1916.867	TR 100	13.72	245.70	246.16	246.53	247.91	0.042963	5.96	2.43	9.53	3.40
principale	1916.867	TR 200	15.82	245.70	246.19	246.58	248.04	0.040313	6.16	2.74	9.90	3.35
principale	1916.867	TR 500	18.67	245.70	246.23	246.64	248.21	0.037683	6.41	3.14	10.35	3.30
principale	1895.358	TR 50	11.64	245.27	245.54	245.74	246.59	0.046595	4.54	2.58	13.76	3.28
principale	1895.358	TR 100	13.72	245.27	245.56	245.74	246.77	0.047913	4.88	2.83	13.97	3.37
principale	1895.358	TR 200	15.82	245.27	245.58	245.74	246.94	0.048595	5.19	3.08	14.16	3.44
principale	1895.358	TR 500	18.67	245.27	245.60	245.74	247.16	0.048911	5.55	3.42	14.42	3.51
principale	1857	TR 50	11.64	243.34	243.73	244.03	244.97	0.037353	4.93	2.37	9.44	3.08
principale	1857	TR 100	13.72	243.34	243.76	244.10	245.15	0.036556	5.23	2.64	10.00	3.10
principale	1857	TR 200	15.82	243.34	243.78	244.18	245.32	0.036047	5.51	2.92	10.53	3.12
principale	1857	TR 500	18.67	243.34	243.82	244.22	245.54	0.035629	5.85	3.28	11.18	3.15
principale	1826.867	TR 50	11.64	242.48	242.88	243.12	243.89	0.030384	4.52	2.71	12.86	2.79
principale	1826.867	TR 100	13.72	242.48	242.90	243.18	244.06	0.031533	4.86	3.00	13.55	2.88
principale	1826.867	TR 200	15.82	242.48	242.92	243.20	244.23	0.032567	5.17	3.29	14.19	2.96

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)	
principale	1826.867	TR 500	18.67	242.48	242.95	243.28	244.43	0.033774	5.55	3.67	15.05	3.05
principale	1796.867	TR 50	11.64	241.22	241.54	241.82	242.81	0.041727	5.02	2.38	11.12	3.22
principale	1796.867	TR 100	13.72	241.22	241.57	241.87	242.97	0.040603	5.30	2.69	11.67	3.24
principale	1796.867	TR 200	15.82	241.22	241.59	241.92	243.13	0.039879	5.57	2.98	12.18	3.25
principale	1796.867	TR 500	18.67	241.22	241.62	241.99	243.33	0.039226	5.89	3.36	12.82	3.28
principale	1766.867	TR 50	11.64	240.83	241.13	241.30	241.75	0.021013	3.59	3.50	18.08	2.29
principale	1766.867	TR 100	13.72	240.83	241.15	241.34	241.88	0.022770	3.91	3.81	18.68	2.41
principale	1766.867	TR 200	15.82	240.83	241.16	241.38	242.00	0.024321	4.20	4.12	19.20	2.52
principale	1766.867	TR 500	18.67	240.83	241.18	241.43	242.16	0.026071	4.56	4.52	19.87	2.64
principale	1736.867	TR 50	11.64	236.73	239.08	237.10	239.08	0.000003	0.20	61.46	28.99	0.04
principale	1736.867	TR 100	13.72	236.73	239.12	237.13	239.13	0.000004	0.23	62.90	29.05	0.05
principale	1736.867	TR 200	15.82	236.73	239.17	237.17	239.17	0.000005	0.26	64.26	29.11	0.05
principale	1736.867	TR 500	18.67	236.73	239.23	237.21	239.24	0.000007	0.30	65.99	29.20	0.06
principale	1706.867	TR 50	17.69	236.69	239.07		239.08	0.000010	0.32	59.22	35.56	0.07
principale	1706.867	TR 100	20.89	236.69	239.12		239.13	0.000013	0.37	60.97	36.93	0.08
principale	1706.867	TR 200	24.13	236.69	239.17		239.17	0.000016	0.42	62.77	43.74	0.09
principale	1706.867	TR 500	28.47	236.69	239.22		239.23	0.000020	0.48	65.39	47.63	0.10
principale	1676.867	TR 50	17.69	238.47	238.92	238.92	239.06	0.002810	1.72	11.19	40.41	0.90
principale	1676.867	TR 100	20.89	238.47	238.96	238.96	239.11	0.002736	1.81	12.69	41.19	0.90
principale	1676.867	TR 200	24.13	238.47	238.99	238.99	239.16	0.002673	1.89	14.12	42.23	0.90
principale	1676.867	TR 500	28.47	238.47	239.04	239.04	239.22	0.002570	1.97	16.10	43.96	0.90
principale	1646.867	TR 50	17.69	235.31	237.69	235.78	237.70	0.000007	0.28	66.91	38.80	0.06
principale	1646.867	TR 100	20.89	235.31	237.73	235.82	237.74	0.000009	0.33	68.36	38.86	0.07
principale	1646.867	TR 200	24.13	235.31	237.77	235.87	237.77	0.000012	0.37	69.76	38.92	0.08
principale	1646.867	TR 500	28.47	235.31	237.81	235.92	237.82	0.000015	0.43	71.52	39.00	0.09
principale	1616.867	TR 50	17.69	237.20	237.58	237.58	237.69	0.004187	1.52	12.18	57.20	1.01
principale	1616.867	TR 100	20.89	237.20	237.60	237.60	237.72	0.004036	1.60	13.63	57.31	1.01
principale	1616.867	TR 200	24.13	237.20	237.63	237.63	237.76	0.003937	1.68	14.98	57.40	1.01
principale	1616.867	TR 500	28.47	237.20	237.66	237.66	237.81	0.003797	1.76	16.75	57.53	1.01
principale	1586.867	TR 50	17.69	235.75	236.25	236.52	237.32	0.033183	4.72	3.97	17.15	2.91
principale	1586.867	TR 100	20.89	235.75	236.29	236.59	237.37	0.029942	4.76	4.63	17.97	2.81
principale	1586.867	TR 200	24.13	235.75	236.32	236.59	237.42	0.025942	4.79	5.33	18.73	2.67
principale	1586.867	TR 500	28.47	235.75	236.37	236.59	237.48	0.022047	4.84	6.26	19.69	2.52
principale	1556.867	TR 50	17.69	236.00	236.27	236.27	236.28	0.000152	0.26	39.50	94.95	0.19
principale	1556.867	TR 100	20.89	236.00	236.27	236.27	236.28	0.000213	0.30	39.50	94.95	0.22
principale	1556.867	TR 200	24.13	236.00	236.27	236.27	236.29	0.000284	0.35	39.50	94.95	0.25
principale	1556.867	TR 500	28.47	236.00	236.27	236.27	236.30	0.000395	0.41	39.50	94.95	0.30
principale	1526.867	TR 50	17.69	235.34	235.85	235.97	236.23	0.012769	2.83	6.71	31.09	1.79
principale	1526.867	TR 100	20.89	235.34	235.90	235.97	236.23	0.011407	2.67	8.43	39.18	1.69
principale	1526.867	TR 200	24.13	235.34	235.95	235.97	236.24	0.008837	2.50	10.62	47.77	1.51
principale	1526.867	TR 500	28.47	235.34	235.97	235.97	236.00	0.000356	0.52	41.00	93.64	0.31
principale	1496.867	TR 50	17.69	234.82	235.16	235.11	235.17	0.000016	0.10	76.84	95.07	0.06
principale	1496.867	TR 100	20.89	234.82	235.24	235.11	235.24	0.000017	0.12	83.82	96.18	0.07
principale	1496.867	TR 200	24.13	234.82	235.30	235.11	235.30	0.000018	0.14	89.48	96.68	0.07
principale	1496.867	TR 500	28.47	234.82	235.13	235.11	235.14	0.000045	0.15	74.01	93.02	0.10
principale	1466.867	TR 50	17.69	234.32	234.95	234.95	235.15	0.002797	2.01	9.42	24.75	0.93
principale	1466.867	TR 100	20.89	234.32	234.98	234.98	235.22	0.003109	2.21	10.22	27.13	0.99
principale	1466.867	TR 200	24.13	234.32	235.07	235.07	235.28	0.002332	2.13	12.75	31.29	0.88
principale	1466.867	TR 500	28.47	234.32	235.13	235.13	235.14	0.000063	0.37	66.53	85.84	0.15
principale	1436.867	TR 50	17.69	230.08	231.04	231.60	234.58	0.077915	8.37	2.16	6.03	4.41
principale	1436.867	TR 100	20.89	230.08	231.11	231.70	234.63	0.069851	8.37	2.55	6.60	4.25
principale	1436.867	TR 200	24.13	230.08	231.16	231.80	234.74	0.065107	8.44	2.93	7.11	4.15
principale	1436.867	TR 500	28.47	230.08	231.24	231.93	234.78	0.056656	8.40	3.48	7.69	3.94
principale	1406.867	TR 50	17.69	229.47	229.79	230.17	231.94	0.070721	6.53	2.76	11.91	4.20
principale	1406.867	TR 100	20.89	229.47	229.82	230.24	232.21	0.068815	6.91	3.09	12.07	4.22
principale	1406.867	TR 200	24.13	229.47	229.84	230.30	232.48	0.067067	7.25	3.40	12.22	4.23
principale	1406.867	TR 500	28.47	229.47	229.88	230.39	232.78	0.064082	7.63	3.83	12.41	4.21
principale	1376.867	TR 50	17.69	229.27	229.70	229.97	230.63	0.017460	4.38	4.22	12.03	2.25
principale	1376.867	TR 100	20.89	229.27	229.73	230.04	230.84	0.019059	4.80	4.56	12.18	2.38
principale	1376.867	TR 200	24.13	229.27	229.76	230.11	231.05	0.020457	5.18	4.89	12.33	2.49
principale	1376.867	TR 500	28.47	229.27	229.79	230.19	231.32	0.021860	5.64	5.32	12.50	2.60
principale	1348.629	TR 50	17.69	229.01	229.59	229.77	230.20	0.008584	3.45	5.12	10.85	1.60
principale	1348.629	TR 100	20.89	229.01	229.63	229.85	230.36	0.009480	3.78	5.52	10.95	1.70
principale	1348.629	TR 200	24.13	229.01	229.66	229.92	230.52	0.010368	4.10	5.88	11.04	1.79
principale	1348.629	TR 500	28.47	229.01	229.70	230.02	230.73	0.011406	4.49	6.34	11.14	1.90
principale	1314.620	TR 50	17.69	227.58	227.86	228.11	229.40	0.108651	5.52	3.23	23.80	4.73

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
principale	1314.620	TR 100	20.89	227.58	227.88	228.15	229.52	0.097610	5.71	3.70	23.98	4.58
principale	1314.620	TR 200	24.13	227.58	227.90	228.20	229.65	0.089912	5.90	4.14	24.10	4.48
principale	1314.620	TR 500	28.47	227.58	227.92	228.25	229.82	0.083228	6.15	4.69	24.21	4.40
principale	1288.273	TR 50	17.69	227.07	227.44	227.58	227.95	0.022550	3.24	5.66	29.69	2.30
principale	1288.273	TR 100	20.89	227.07	227.46	227.62	228.05	0.024155	3.51	6.17	30.18	2.40
principale	1288.273	TR 200	24.13	227.07	227.48	227.66	228.16	0.025682	3.76	6.63	30.43	2.50
principale	1288.273	TR 500	28.47	227.07	227.49	227.70	228.30	0.027643	4.08	7.20	30.73	2.62
principale	1256.854	TR 50	17.69	223.58	227.22	224.31	227.22	0.000002	0.19	102.88	42.61	0.03
principale	1256.854	TR 100	20.89	223.58	227.25	224.37	227.25	0.000003	0.22	104.15	42.71	0.04
principale	1256.854	TR 200	24.13	223.58	227.28	224.43	227.28	0.000004	0.25	105.31	42.81	0.05
principale	1256.854	TR 500	28.47	223.58	227.31	224.50	227.32	0.000005	0.29	106.76	42.96	0.05
principale	1225.885	TR 50	17.69	222.88	227.22		227.22	0.000001	0.15	143.33	57.41	0.02
principale	1225.885	TR 100	20.89	222.88	227.25		227.25	0.000001	0.18	145.05	57.95	0.03
principale	1225.885	TR 200	24.13	222.88	227.28		227.28	0.000002	0.21	146.64	58.66	0.03
principale	1225.885	TR 500	28.47	222.88	227.31		227.32	0.000002	0.24	148.65	58.82	0.04
principale	1196.529	TR 50	17.69	222.12	227.22		227.22	0.000000	0.10	216.80	67.09	0.01
principale	1196.529	TR 100	20.89	222.12	227.25		227.25	0.000000	0.11	218.83	67.30	0.02
principale	1196.529	TR 200	24.13	222.12	227.28		227.28	0.000001	0.13	220.67	67.49	0.02
principale	1196.529	TR 500	28.47	222.12	227.31		227.32	0.000001	0.15	223.00	67.73	0.02
principale	1166.867	TR 50	17.69	221.14	227.22		227.22	0.000000	0.07	311.05	76.23	0.01
principale	1166.867	TR 100	20.89	221.14	227.25		227.25	0.000000	0.08	313.35	76.43	0.01
principale	1166.867	TR 200	24.13	221.14	227.28		227.28	0.000000	0.09	315.45	76.58	0.01
principale	1166.867	TR 500	28.47	221.14	227.31		227.32	0.000000	0.11	318.09	76.76	0.01
principale	1136.867	TR 50	17.69	220.69	227.22		227.22	0.000000	0.05	431.71	93.71	0.01
principale	1136.867	TR 100	20.89	220.69	227.25		227.25	0.000000	0.06	434.54	93.77	0.01
principale	1136.867	TR 200	24.13	220.69	227.28		227.28	0.000000	0.07	437.12	93.84	0.01
principale	1136.867	TR 500	28.47	220.69	227.31		227.32	0.000000	0.08	440.37	93.94	0.01
principale	1107	TR 50	17.69	218.95	227.22		227.22	0.000000	0.04	523.30	112.24	0.01
principale	1107	TR 100	20.89	218.95	227.25		227.25	0.000000	0.05	526.70	112.93	0.01
principale	1107	TR 200	24.13	218.95	227.28		227.28	0.000000	0.06	529.81	113.24	0.01
principale	1107	TR 500	28.47	218.95	227.32		227.32	0.000000	0.07	533.75	114.23	0.01
principale	1073	TR 50	17.69	220.13	227.22		227.22	0.000000	0.05	509.71	146.97	0.01
principale	1073	TR 100	20.89	220.13	227.25		227.25	0.000000	0.05	514.15	147.08	0.01
principale	1073	TR 200	24.13	220.13	227.28		227.28	0.000000	0.06	518.19	147.17	0.01
principale	1073	TR 500	28.47	220.13	227.32		227.32	0.000000	0.07	523.29	147.29	0.01
principale	1049	TR 50	17.69	218.16	227.22		227.22	0.000000	0.04	575.88	120.98	0.00
principale	1049	TR 100	20.89	218.16	227.25		227.25	0.000000	0.04	579.53	121.01	0.01
principale	1049	TR 200	24.13	218.16	227.28		227.28	0.000000	0.05	582.86	121.04	0.01
principale	1049	TR 500	28.47	218.16	227.32		227.32	0.000000	0.06	587.05	121.08	0.01
principale	1018	TR 50	17.69	215.77	227.22		227.22	0.000000	0.03	688.42	113.60	0.00
principale	1018	TR 100	20.89	215.77	227.25		227.25	0.000000	0.04	691.86	114.08	0.00
principale	1018	TR 200	24.13	215.77	227.28		227.28	0.000000	0.04	695.00	115.04	0.00
principale	1018	TR 500	28.47	215.77	227.32		227.32	0.000000	0.05	699.00	115.68	0.01
principale	987.5680	TR 50	17.69	214.79	227.22		227.22	0.000000	0.03	799.70	130.98	0.00
principale	987.5680	TR 100	20.89	214.79	227.25		227.25	0.000000	0.04	803.66	131.33	0.00
principale	987.5680	TR 200	24.13	214.79	227.28		227.28	0.000000	0.04	807.28	131.66	0.00
principale	987.5680	TR 500	28.47	214.79	227.32		227.32	0.000000	0.05	811.84	132.03	0.00
principale	957.4116	TR 50	17.69	214.36	227.22		227.22	0.000000	0.02	1043.54	143.41	0.00
principale	957.4116	TR 100	20.89	214.36	227.25		227.25	0.000000	0.03	1047.88	143.62	0.00
principale	957.4116	TR 200	24.13	214.36	227.28		227.28	0.000000	0.03	1051.83	143.82	0.00
principale	957.4116	TR 500	28.47	214.36	227.32		227.32	0.000000	0.04	1056.81	144.06	0.00
principale	928.3411	TR 50	17.69	213.44	227.22		227.22	0.000000	0.02	1158.93	158.02	0.00
principale	928.3411	TR 100	20.89	213.44	227.25		227.25	0.000000	0.03	1163.70	158.29	0.00
principale	928.3411	TR 200	24.13	213.44	227.28		227.28	0.000000	0.03	1168.06	158.55	0.00
principale	928.3411	TR 500	28.47	213.44	227.32		227.32	0.000000	0.04	1173.55	158.87	0.00
principale	896.9691	TR 50	17.69	213.17	227.22		227.22	0.000000	0.02	1361.77	198.46	0.00
principale	896.9691	TR 100	20.89	213.17	227.25		227.25	0.000000	0.02	1367.79	199.76	0.00
principale	896.9691	TR 200	24.13	213.17	227.28		227.28	0.000000	0.03	1373.29	200.23	0.00
principale	896.9691	TR 500	28.47	213.17	227.32		227.32	0.000000	0.03	1380.23	200.81	0.00
principale	869.5993	TR 50	17.69	212.23	227.22		227.22	0.000000	0.02	1739.54	218.43	0.00
principale	869.5993	TR 100	20.89	212.23	227.25		227.25	0.000000	0.02	1746.14	218.59	0.00
principale	869.5993	TR 200	24.13	212.23	227.28		227.28	0.000000	0.02	1752.14	218.73	0.00
principale	869.5993	TR 500	28.47	212.23	227.32		227.32	0.000000	0.02	1759.72	218.91	0.00
principale	838.7965	TR 50	17.69	212.36	227.22		227.22	0.000000	0.01	1776.81	205.78	0.00
principale	838.7965	TR 100	20.89	212.36	227.25		227.25	0.000000	0.02	1783.03	206.12	0.00
principale	838.7965	TR 200	24.13	212.36	227.28		227.28	0.000000	0.02	1788.70	206.43	0.00
principale	838.7965	TR 500	28.47	212.36	227.32		227.32	0.000000	0.02	1795.85	206.83	0.00

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
principale	800	TR 50	17.69	226.83	227.13	227.13	227.21	0.003161	1.53	14.69	83.66	0.91
principale	800	TR 100	20.89	226.83	227.15	227.15	227.24	0.002949	1.57	17.14	93.63	0.89
principale	800	TR 200	24.13	226.83	227.17	227.17	227.27	0.003085	1.66	18.72	96.69	0.92
principale	800	TR 500	28.47	226.83	227.19	227.19	227.30	0.003221	1.77	20.84	101.15	0.95
principale	771.6200	TR 50	17.69	211.00	211.31	212.17	225.49	0.560578	16.68	1.06	4.79	11.32
principale	771.6200	TR 100	20.89	211.00	211.35	212.29	225.54	0.464955	16.69	1.25	4.88	10.51
principale	771.6200	TR 200	24.13	211.00	211.39	212.40	225.57	0.395176	16.68	1.45	4.96	9.86
principale	771.6200	TR 500	28.47	211.00	211.44	212.54	225.59	0.326917	16.66	1.71	5.04	9.13
principale	748.4433	TR 50	17.69	210.16	210.79	211.68	217.96	0.127550	11.86	1.49	3.38	5.70
principale	748.4433	TR 100	20.89	210.16	210.85	211.78	218.54	0.125687	12.28	1.70	3.60	5.71
principale	748.4433	TR 200	24.13	210.16	210.91	211.86	219.04	0.123300	12.63	1.91	3.81	5.70
principale	748.4433	TR 500	28.47	210.16	210.98	211.98	219.62	0.119951	13.02	2.19	4.08	5.67
principale	726.9809	TR 50	17.69	208.07	208.79	209.39	214.84	0.131486	10.90	1.62	4.50	5.79
principale	726.9809	TR 100	20.89	208.07	208.84	209.46	214.97	0.168150	10.96	1.91	6.42	6.42
principale	726.9809	TR 200	24.13	208.07	208.87	209.53	215.45	0.173618	11.36	2.12	6.95	6.57
principale	726.9809	TR 500	28.47	208.07	208.91	209.61	216.07	0.177280	11.85	2.40	7.52	6.69
principale	703.9369	TR 50	17.69	206.56	206.86	207.10	209.44	0.296060	7.19	2.51	27.43	7.30
principale	703.9369	TR 100	20.89	206.56	206.88	207.13	209.31	0.234647	7.00	3.07	30.47	6.65
principale	703.9369	TR 200	24.13	206.56	206.89	207.16	209.61	0.241466	7.42	3.36	31.15	6.82
principale	703.9369	TR 500	28.47	206.56	206.90	207.20	210.02	0.252276	7.96	3.70	31.80	7.05
principale	684.2995	TR 50	19.49	203.55	207.40	204.17	207.40	0.000001	0.15	153.36	57.91	0.02
principale	684.2995	TR 100	23.08	203.55	207.43	204.23	207.43	0.000001	0.17	155.30	58.20	0.03
principale	684.2995	TR 200	26.70	203.55	207.47	204.28	207.47	0.000002	0.19	157.32	58.48	0.03
principale	684.2995	TR 500	31.56	203.55	207.50	204.34	207.51	0.000002	0.23	159.40	58.77	0.04
principale	661.9126	TR 50	19.49	203.28	207.40		207.40	0.000001	0.13	169.96	57.20	0.02
principale	661.9126	TR 100	23.08	203.28	207.43		207.43	0.000001	0.16	171.88	57.62	0.03
principale	661.9126	TR 200	26.70	203.28	207.47		207.47	0.000001	0.18	173.89	58.05	0.03
principale	661.9126	TR 500	31.56	203.28	207.50		207.50	0.000002	0.21	175.96	58.49	0.03
principale	632.4147	TR 50	19.49	200.92	207.40		207.40	0.000000	0.07	336.19	82.87	0.01
principale	632.4147	TR 100	23.08	200.92	207.43		207.43	0.000000	0.08	338.97	82.94	0.01
principale	632.4147	TR 200	26.70	200.92	207.47		207.47	0.000000	0.10	341.86	83.01	0.01
principale	632.4147	TR 500	31.56	200.92	207.50		207.50	0.000000	0.11	344.84	83.09	0.01
principale	590	TR 50	19.49	201.46	207.40		207.40	0.000000	0.07	339.55	84.45	0.01
principale	590	TR 100	23.08	201.46	207.43		207.43	0.000000	0.08	342.40	85.39	0.01
principale	590	TR 200	26.70	201.46	207.47		207.47	0.000000	0.09	345.40	86.41	0.01
principale	590	TR 500	31.56	201.46	207.50		207.50	0.000000	0.11	348.51	87.63	0.01
principale	543	TR 50	19.49	199.15	207.40		207.40	0.000000	0.04	650.70	106.38	0.00
principale	543	TR 100	23.08	199.15	207.43		207.43	0.000000	0.04	654.28	106.71	0.00
principale	543	TR 200	26.70	199.15	207.47		207.47	0.000000	0.05	658.02	107.05	0.01
principale	543	TR 500	31.56	199.15	207.50		207.50	0.000000	0.06	661.87	107.54	0.01
principale	503	TR 50	19.49	199.25	207.40		207.40	0.000000	0.05	529.88	101.19	0.01
principale	503	TR 100	23.08	199.25	207.43		207.43	0.000000	0.05	533.28	101.41	0.01
principale	503	TR 200	26.70	199.25	207.47		207.47	0.000000	0.06	536.82	101.64	0.01
principale	503	TR 500	31.56	199.25	207.50		207.50	0.000000	0.07	540.47	101.88	0.01
principale	482.4062	TR 50	19.49	197.82	207.40		207.40	0.000000	0.03	733.12	107.91	0.00
principale	482.4062	TR 100	23.08	197.82	207.43		207.43	0.000000	0.04	736.75	108.11	0.00
principale	482.4062	TR 200	26.70	197.82	207.47		207.47	0.000000	0.04	740.53	108.32	0.00
principale	482.4062	TR 500	31.56	197.82	207.50		207.50	0.000000	0.05	744.42	108.53	0.01
principale	460.3575	TR 50	19.49	197.37	207.40		207.40	0.000000	0.03	854.74	126.25	0.00
principale	460.3575	TR 100	23.08	197.37	207.43		207.43	0.000000	0.03	859.00	127.35	0.00
principale	460.3575	TR 200	26.70	197.37	207.47		207.47	0.000000	0.04	863.47	128.49	0.00
principale	460.3575	TR 500	31.56	197.37	207.50		207.50	0.000000	0.04	868.10	129.65	0.00
principale	433	TR 50	19.49	198.91	207.40		207.40	0.000000	0.03	716.56	124.87	0.00
principale	433	TR 100	23.08	198.91	207.43		207.43	0.000000	0.04	720.76	125.08	0.00
principale	433	TR 200	26.70	198.91	207.47		207.47	0.000000	0.05	725.13	125.31	0.01
principale	433	TR 500	31.56	198.91	207.50		207.50	0.000000	0.05	729.63	125.56	0.01
principale	406.1727	TR 50	19.49	194.59	207.40		207.40	0.000000	0.03	936.63	125.80	0.00
principale	406.1727	TR 100	23.08	194.59	207.43		207.43	0.000000	0.03	940.86	125.91	0.00
principale	406.1727	TR 200	26.70	194.59	207.47		207.47	0.000000	0.04	945.26	126.02	0.00
principale	406.1727	TR 500	31.56	194.59	207.50		207.50	0.000000	0.04	949.78	126.13	0.00
principale	375.8288	TR 50	19.49	193.98	207.40		207.40	0.000000	0.03	1023.70	138.37	0.00
principale	375.8288	TR 100	23.08	193.98	207.43		207.43	0.000000	0.03	1028.35	138.50	0.00
principale	375.8288	TR 200	26.70	193.98	207.47		207.47	0.000000	0.04	1033.19	138.64	0.00
principale	375.8288	TR 500	31.56	193.98	207.50		207.50	0.000000	0.04	1038.17	138.77	0.00
principale	342.6439	TR 50	19.49	197.83	207.40		207.40	0.000000	0.04	636.45	140.81	0.00
principale	342.6439	TR 100	23.08	197.83	207.43		207.43	0.000000	0.05	641.19	141.18	0.01

HEC-RAS Plan: (Continued)

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
principale	342.6439	TR 200	26.70	197.83	207.47		207.47	0.000000	0.06	646.12	141.65	0.01
principale	342.6439	TR 500	31.56	197.83	207.50		207.50	0.000000	0.07	651.20	141.72	0.01
principale	318.4741	TR 50	19.49	206.94	207.30	207.30	207.39	0.003177	1.46	15.18	85.32	0.90
principale	318.4741	TR 100	23.08	206.94	207.32	207.32	207.42	0.003232	1.55	17.08	88.92	0.92
principale	318.4741	TR 200	26.70	206.94	207.36	207.36	207.46	0.002670	1.54	20.98	98.89	0.86
principale	318.4741	TR 500	31.56	206.94	207.38	207.38	207.49	0.002796	1.64	23.15	99.76	0.89
principale	311	TR 50	19.49	206.39	207.29	207.29	207.34	0.000861	1.16	20.87	64.73	0.51
principale	311	TR 100	23.08	206.39	207.29	207.29	207.36	0.001207	1.38	20.87	64.73	0.61
principale	311	TR 200	26.70	206.39	207.29	207.29	207.38	0.001617	1.59	20.87	64.73	0.70
principale	311	TR 500	31.56	206.39	207.29	207.29	207.41	0.002258	1.88	20.87	64.73	0.83
principale	296.3257	TR 50	19.49	197.01	197.59	197.90	206.41	0.179869	13.45	1.59	6.81	7.04
principale	296.3257	TR 100	23.08	197.01	197.63	197.90	206.42	0.157517	13.63	1.94	8.05	6.72
principale	296.3257	TR 200	26.70	197.01	197.67	197.90	206.43	0.143539	13.83	2.33	11.09	6.51
principale	296.3257	TR 500	31.56	197.01	197.71	197.90	206.45	0.133826	14.13	2.81	12.51	6.38
principale	276.5641	TR 50	19.49	192.36	195.61	193.11	195.61	0.000001	0.13	166.17	66.97	0.02
principale	276.5641	TR 100	23.08	192.36	195.65	193.15	195.65	0.000001	0.15	169.16	67.37	0.03
principale	276.5641	TR 200	26.70	192.36	195.69	193.18	195.69	0.000002	0.18	172.01	69.85	0.03
principale	276.5641	TR 500	31.56	192.36	195.74	193.23	195.75	0.000002	0.21	175.62	70.02	0.04
principale	253.5309	TR 50	19.49	192.34	195.61		195.61	0.000001	0.14	170.77	79.26	0.03
principale	253.5309	TR 100	23.08	192.34	195.65		195.65	0.000001	0.16	174.31	79.57	0.03
principale	253.5309	TR 200	26.70	192.34	195.69		195.69	0.000002	0.18	177.63	79.86	0.03
principale	253.5309	TR 500	31.56	192.34	195.74		195.75	0.000002	0.21	181.76	80.22	0.04
principale	230.4820	TR 50	19.49	192.30	195.61		195.61	0.000001	0.12	189.52	81.25	0.02
principale	230.4820	TR 100	23.08	192.30	195.65		195.65	0.000001	0.14	193.15	81.62	0.03
principale	230.4820	TR 200	26.70	192.30	195.69		195.69	0.000001	0.16	196.56	81.96	0.03
principale	230.4820	TR 500	31.56	192.30	195.74		195.75	0.000002	0.18	200.80	82.38	0.03
principale	206.3853	TR 50	19.49	192.91	195.61		195.61	0.000001	0.13	174.83	83.98	0.03
principale	206.3853	TR 100	23.08	192.91	195.65		195.65	0.000002	0.15	178.58	84.37	0.03
principale	206.3853	TR 200	26.70	192.91	195.69		195.69	0.000002	0.17	182.10	84.62	0.03
principale	206.3853	TR 500	31.56	192.91	195.74		195.75	0.000003	0.19	186.47	84.87	0.04
principale	183	TR 50	19.49	193.23	195.61		195.61	0.000002	0.14	140.87	72.85	0.03
principale	183	TR 100	23.08	193.23	195.65		195.65	0.000003	0.16	144.13	74.35	0.04
principale	183	TR 200	26.70	193.23	195.69		195.69	0.000003	0.19	147.23	74.61	0.04
principale	183	TR 500	31.56	193.23	195.74		195.75	0.000004	0.22	151.06	74.76	0.05
principale	162	TR 50	19.49	193.71	195.59	194.79	195.60	0.000060	0.60	37.85	36.25	0.16
principale	162	TR 100	23.08	193.71	195.63	194.85	195.65	0.000075	0.68	39.30	36.34	0.18
principale	162	TR 200	26.70	193.71	195.67	194.90	195.69	0.000091	0.76	40.63	36.42	0.20
principale	162	TR 500	31.56	193.71	195.71	194.95	195.74	0.000112	0.86	42.25	36.52	0.22
principale	143	TR 50	19.49	194.95	195.47	195.47	195.59	0.004037	1.55	12.60	51.77	1.00
principale	143	TR 100	23.08	194.95	195.50	195.50	195.63	0.003946	1.62	14.27	53.93	1.00
principale	143	TR 200	26.70	194.95	195.53	195.53	195.67	0.003843	1.67	15.94	56.02	1.00
principale	143	TR 500	31.56	194.95	195.57	195.57	195.72	0.003678	1.74	18.11	58.29	1.00
principale	96	TR 50	19.49	189.99	190.16	190.50	194.52	0.474326	9.25	2.11	21.27	9.35
principale	96	TR 100	23.08	189.99	190.18	190.55	194.58	0.392392	9.30	2.49	22.60	8.73
principale	96	TR 200	26.70	189.99	190.20	190.58	194.64	0.335819	9.36	2.88	23.44	8.24
principale	96	TR 500	31.56	189.99	190.22	190.62	194.72	0.280019	9.44	3.40	24.56	7.72
principale	79.56369	TR 50	19.49	190.24	190.58	190.66	191.28	0.059688	3.73	5.29	44.91	3.43
principale	79.56369	TR 100	23.08	190.24	190.60	190.66	191.40	0.062653	3.99	5.85	46.45	3.55
principale	79.56369	TR 200	26.70	190.24	190.61	190.66	191.51	0.065144	4.23	6.38	47.71	3.65
principale	79.56369	TR 500	31.56	190.24	190.62	190.66	191.66	0.068279	4.55	7.02	48.86	3.79
principale	8	TR 50	19.49	173.04	173.41	173.87	177.98	1.664763	9.73	2.08	9.69	6.45
principale	8	TR 100	23.08	173.04	173.44	173.94	178.41	1.634243	10.16	2.38	11.64	6.48
principale	8	TR 200	26.70	173.04	174.00	174.00	174.30	0.024198	2.71	11.63	19.73	0.96
principale	8	TR 500	31.56	173.04	173.51	174.08	178.52	1.194907	10.34	3.33	13.89	5.78

COMUNE DI SASSARI

Studio di Assetto Idraulico del territorio comunale

Variante al PAI ai sensi dell'art. 374 c.3 delle N.A.

Aggiornamento a seguito di prescrizioni (prot. N. 12928 del 30.12.2020)

Area di indagine: **TERRITORIO COMUNALE**

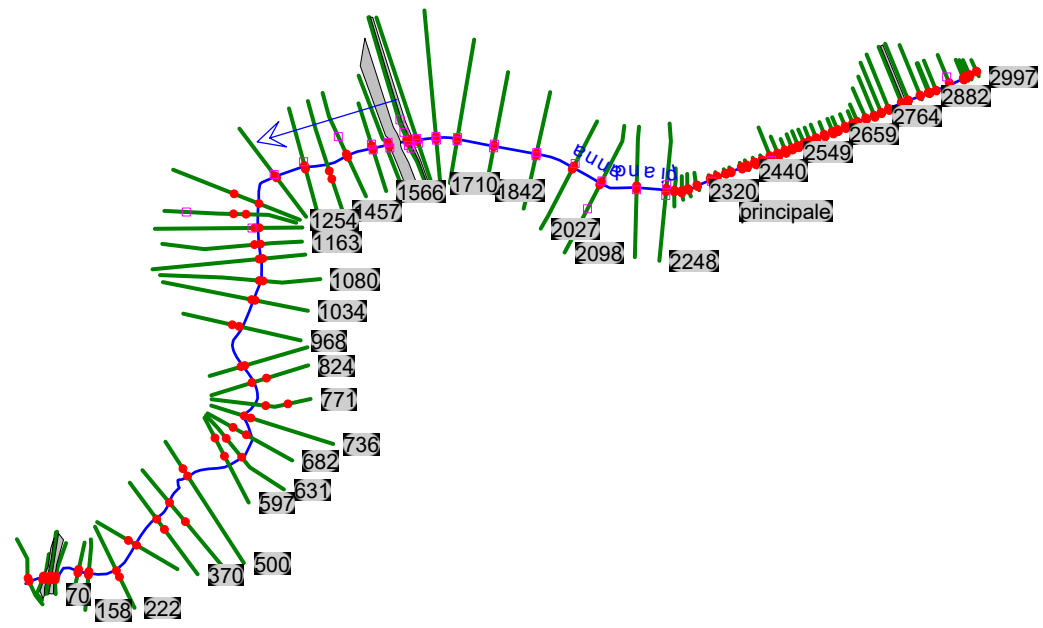
SIMULAZIONI IN MOTO PERMANENTE

Modello 3 : Piandanna

- Schema planimetrico del modello matematico;
- Profili longitudinali con livelli idrici per i tempi di ritorno 50, 100, 200 e 500 anni;
- Sezioni trasversali con livelli idrici per tempi di ritorno 50, 100, 200 e 500 anni;
- Tabulati numerici di output per tempi di ritorno 50, 100, 200 e 500 anni;
- Calcolo della portata critica;
- Profilo longitudinale del livello idrico per il tempo di ritorno critico TC;
- Verifica dei franchi idraulici e della portata critica;

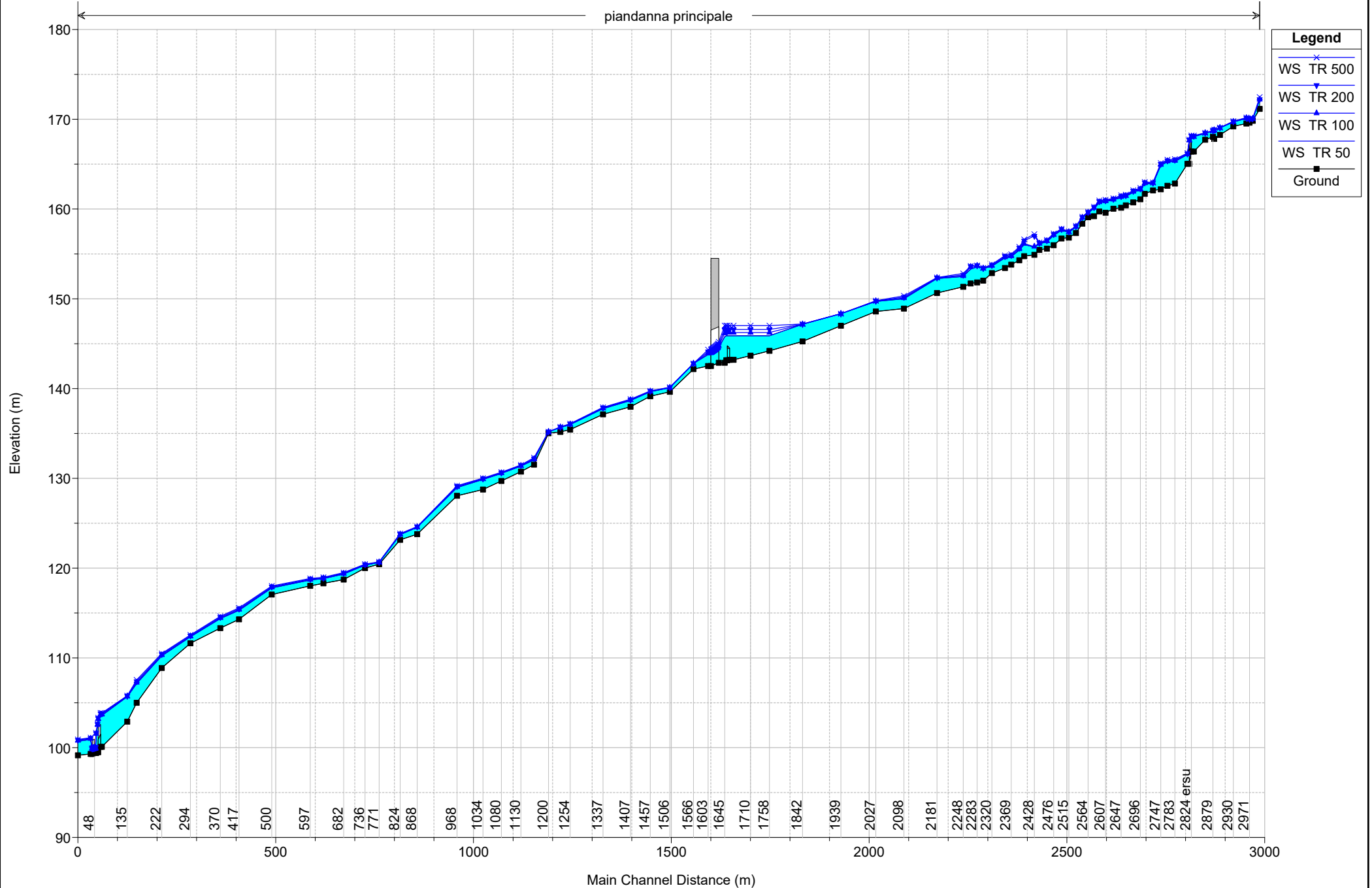
River	Reach	RS	PORTATE mc/s			
			TR 50	TR 100	TR 200	TR 500
piandanna	principale	2997	8.493	9.632	10.782	12.373
piandanna	principale	2496	12.452	14.595	16.751	19.63
piandanna	principale	1939	27.346	32.41	37.517	44.314
piandanna	principale	370	33.61	39.86	46.165	54.558

River	Reach	PROFILI	condizioni al contorno	
			upstream	downstream
piandanna	principale	all	Critical Depth	Normal Depth $S = 0.006$



ZONA PIANDANNA Plan: 10022021 2/11/2021

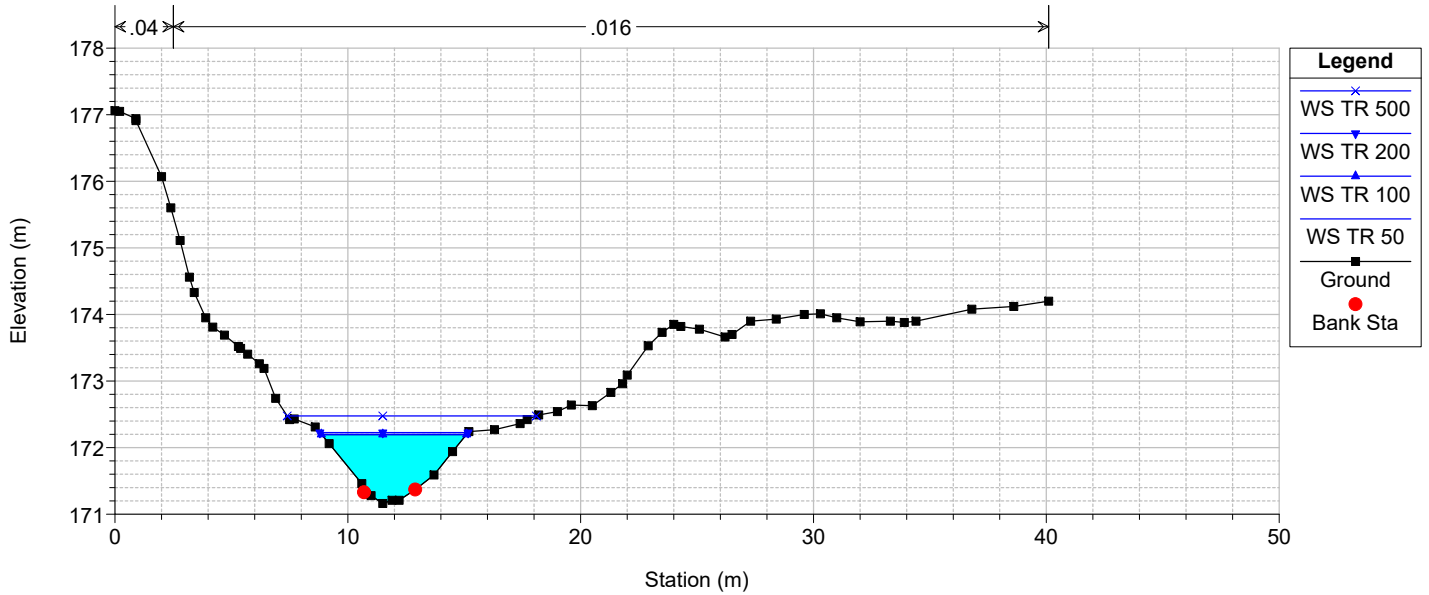
Geom: 09022021 Flow: 10022021 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



ZONA PIANDANNA Plan: 10022021 2/11/2021

Geom: 09022021 Flow: 10022021

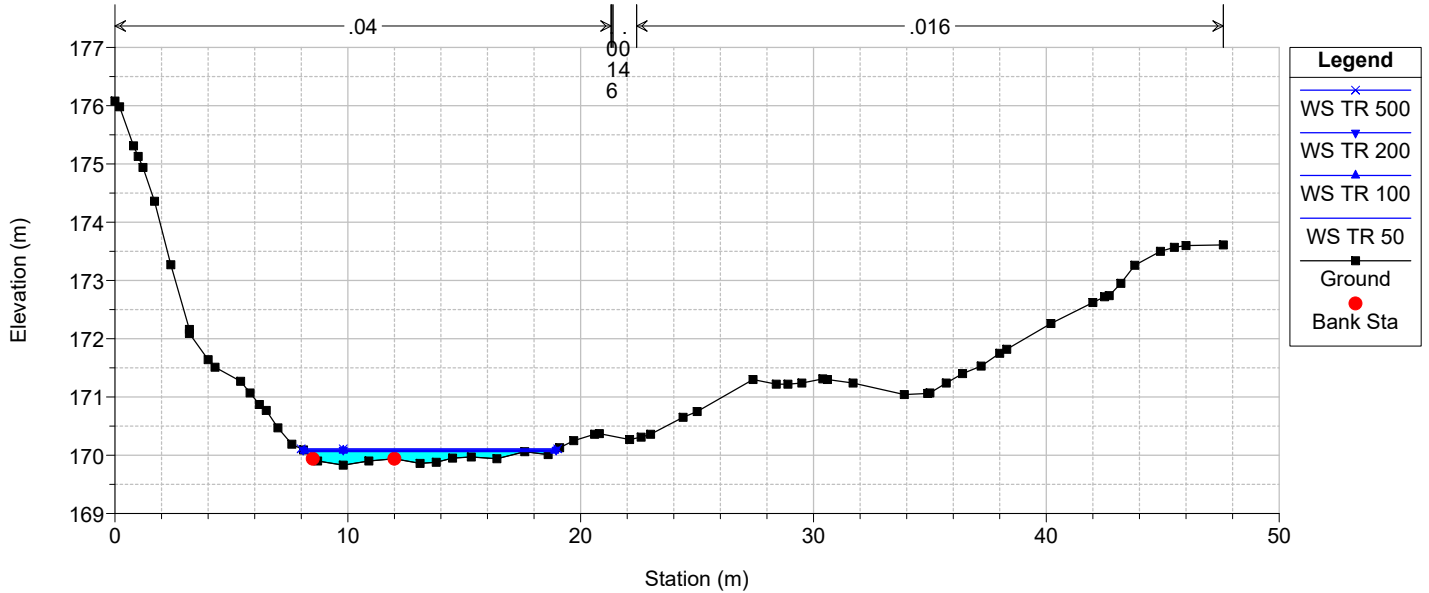
River = piandanna Reach = principale RS = 2997 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



ZONA PIANDANNA Plan: 10022021 2/11/2021

Geom: 09022021 Flow: 10022021

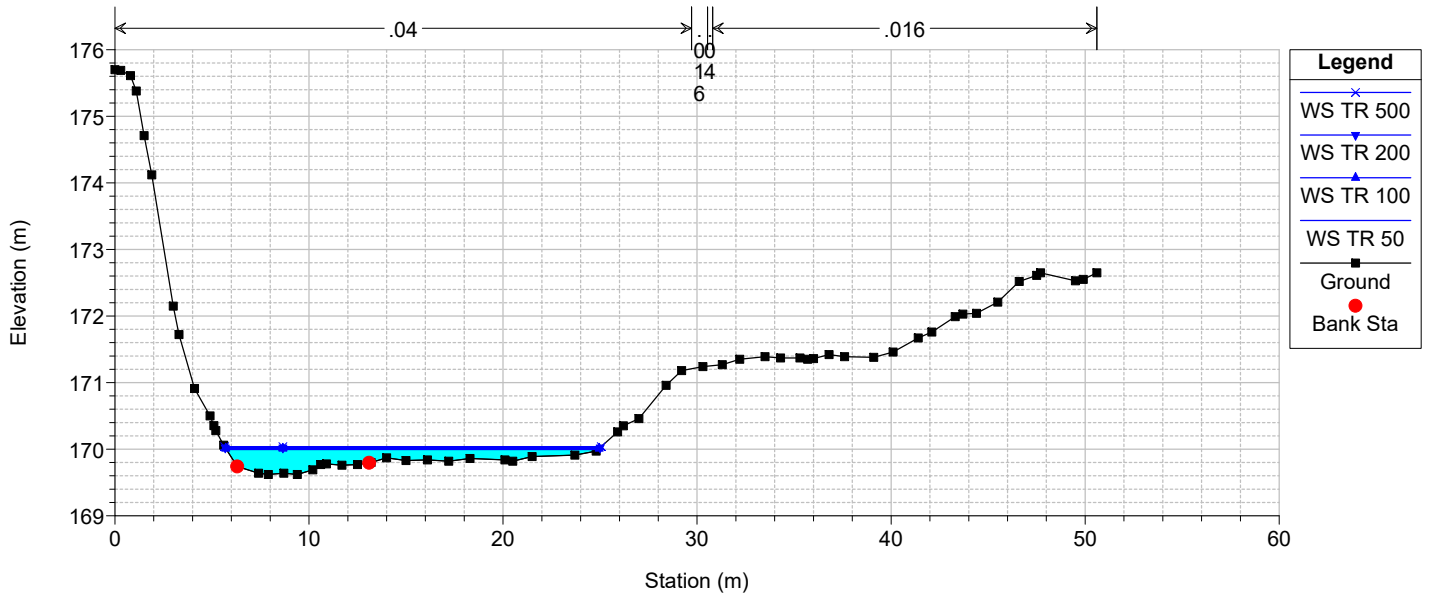
River = piandanna Reach = principale RS = 2980 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



ZONA PIANDANNA Plan: 10022021 2/11/2021

Geom: 09022021 Flow: 10022021

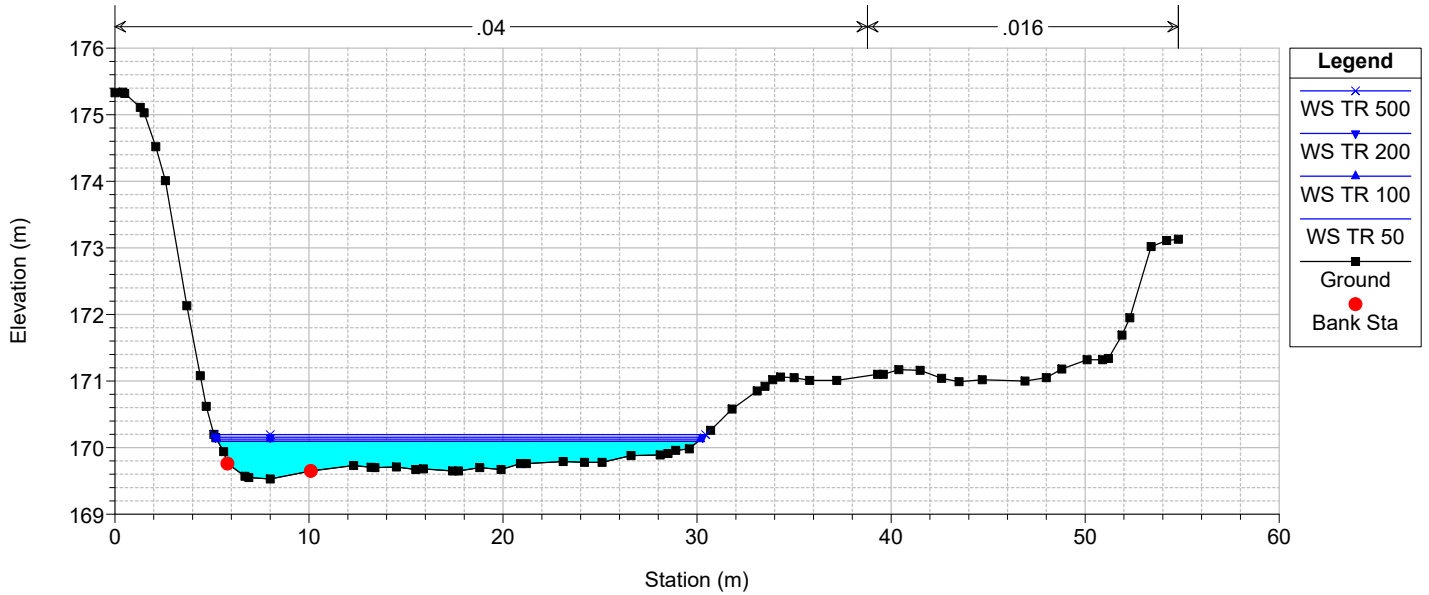
River = piandanna Reach = principale RS = 2971 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



ZONA PIANDANNA Plan: 10022021 2/11/2021

Geom: 09022021 Flow: 10022021

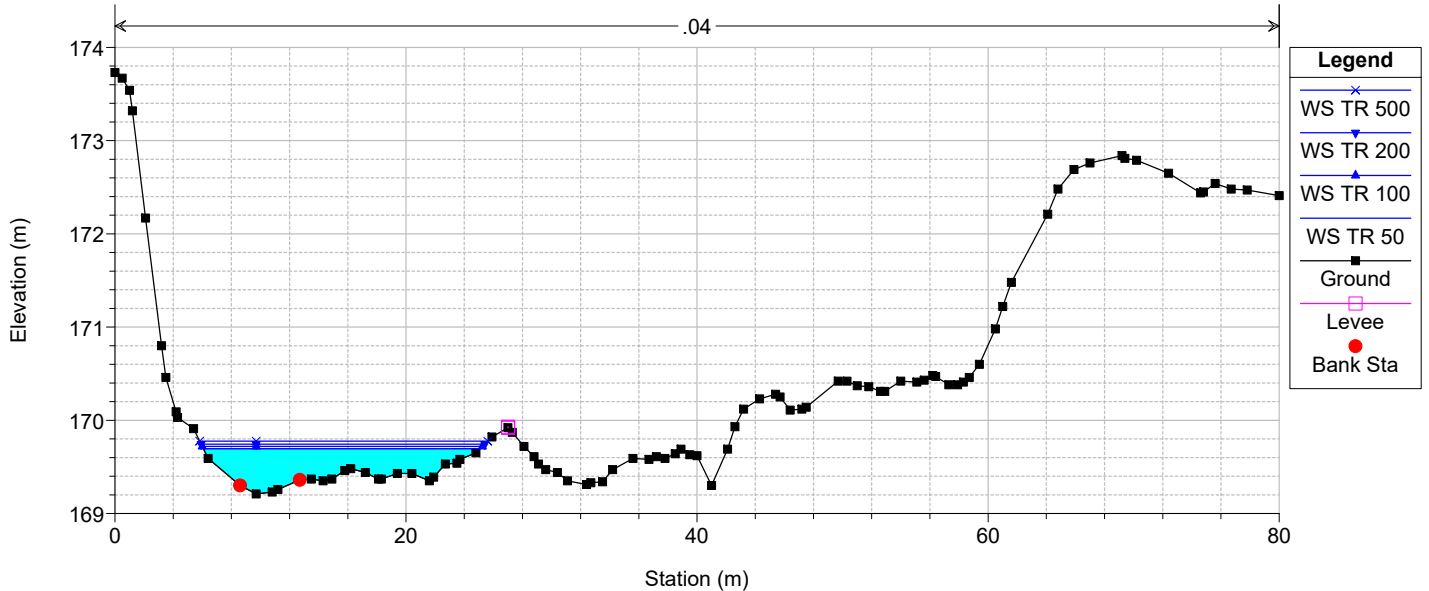
River = piandanna Reach = principale RS = 2964 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



ZONA PIANDANNA Plan: 10022021 2/11/2021

Geom: 09022021 Flow: 10022021

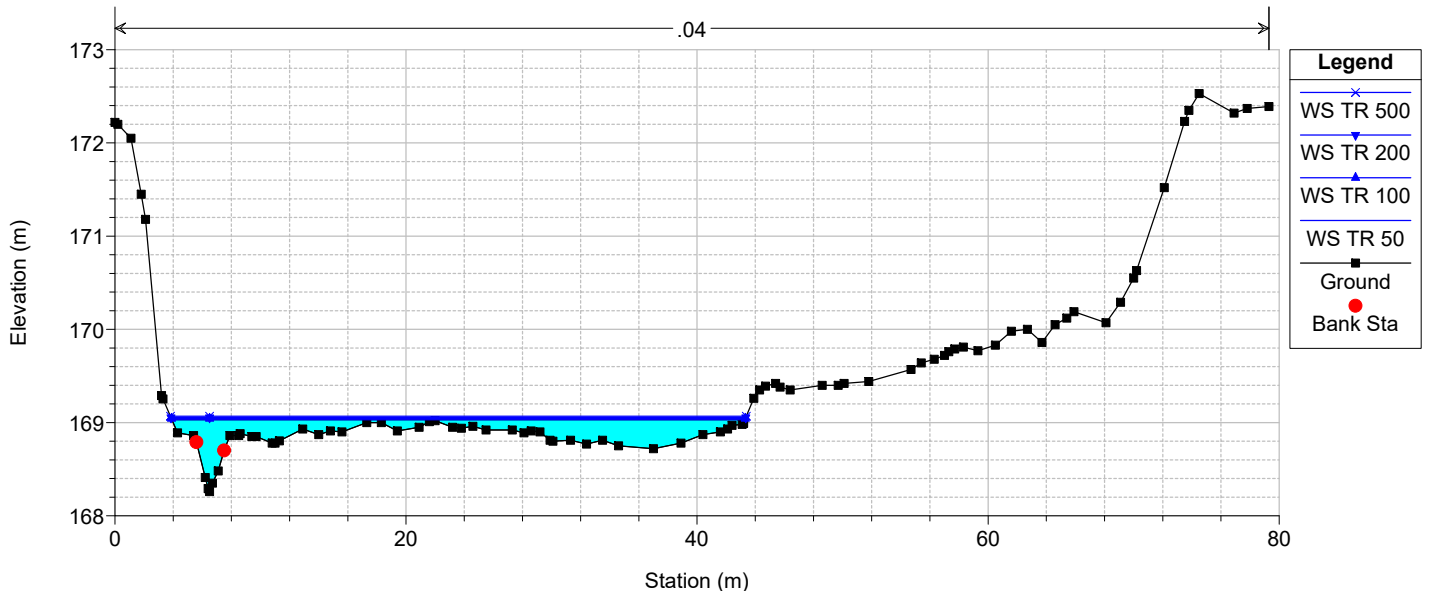
River = piandanna Reach = principale RS = 2930 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



ZONA PIANDANNA Plan: 10022021 2/11/2021

Geom: 09022021 Flow: 10022021

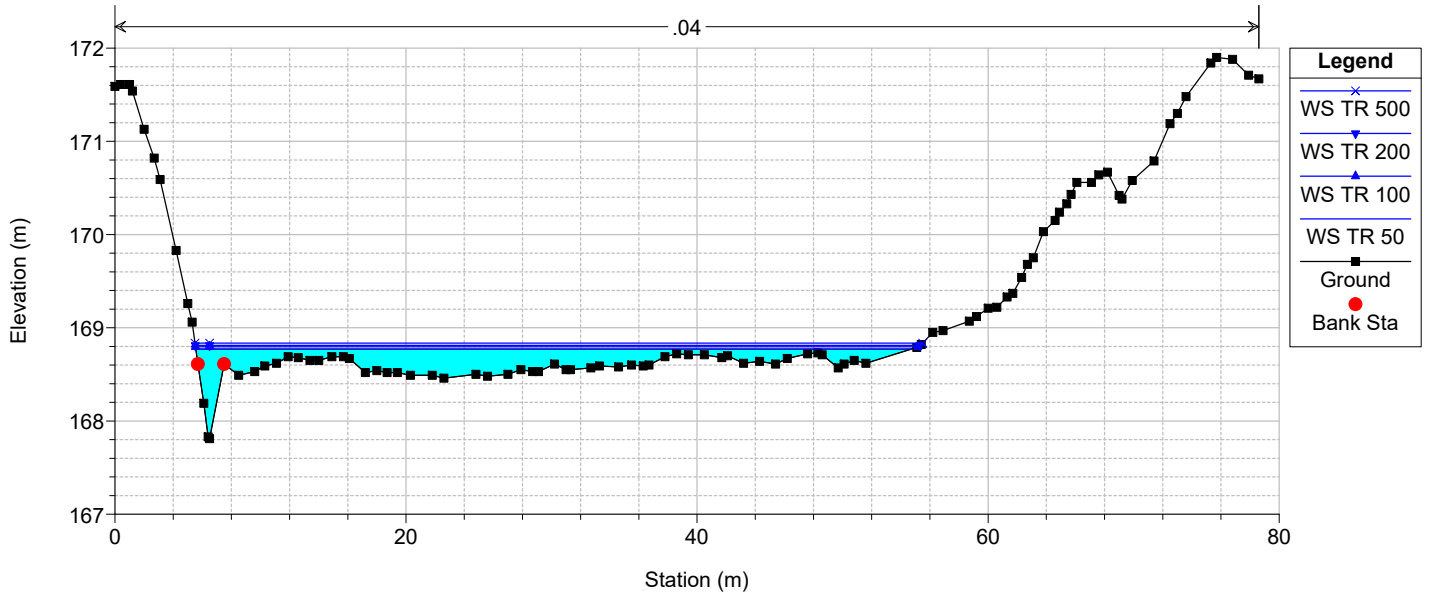
River = piandanna Reach = principale RS = 2897 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



ZONA PIANDANNA Plan: 10022021 2/11/2021

Geom: 09022021 Flow: 10022021

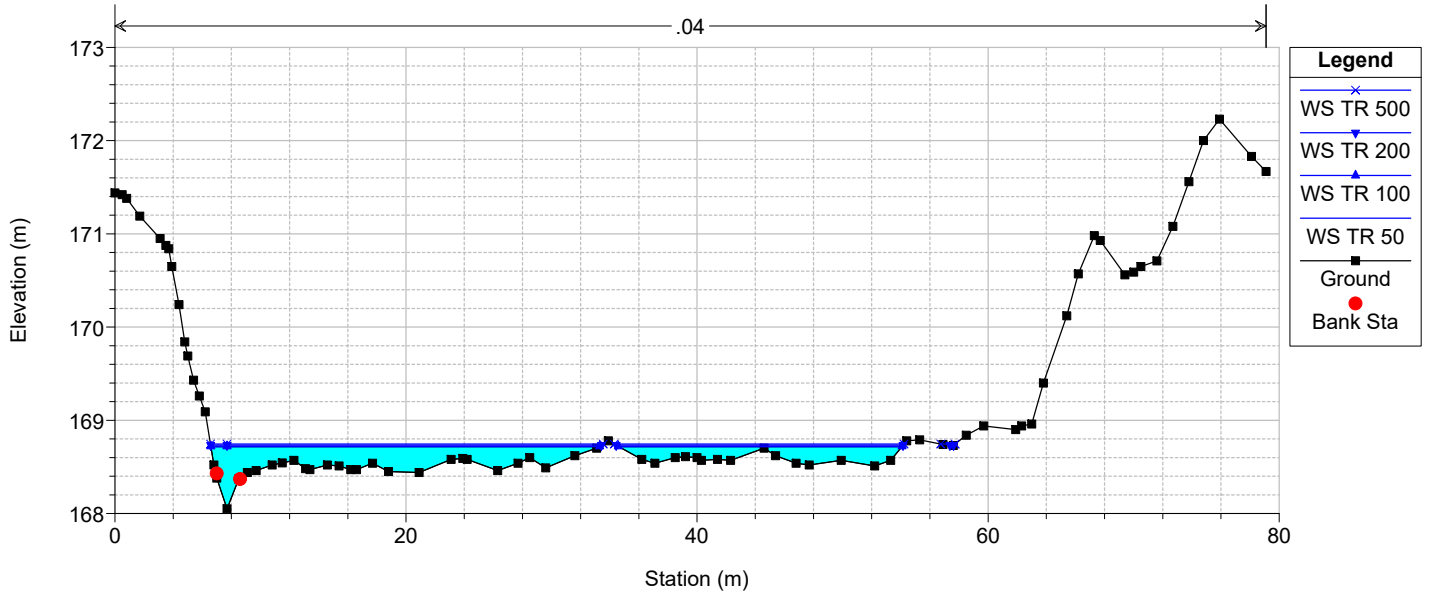
River = piandanna Reach = principale RS = 2882 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



ZONA PIANDANNA Plan: 10022021 2/11/2021

Geom: 09022021 Flow: 10022021

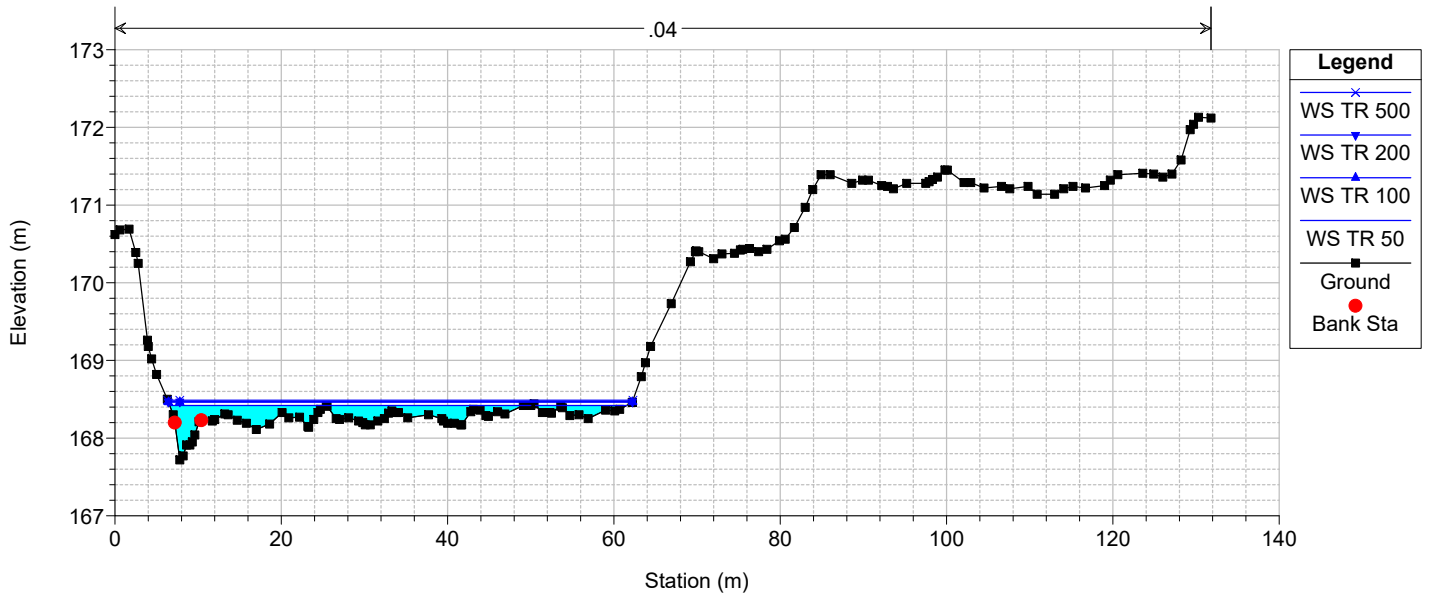
River = piandanna Reach = principale RS = 2879 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



ZONA PIANDANNA Plan: 10022021 2/11/2021

Geom: 09022021 Flow: 10022021

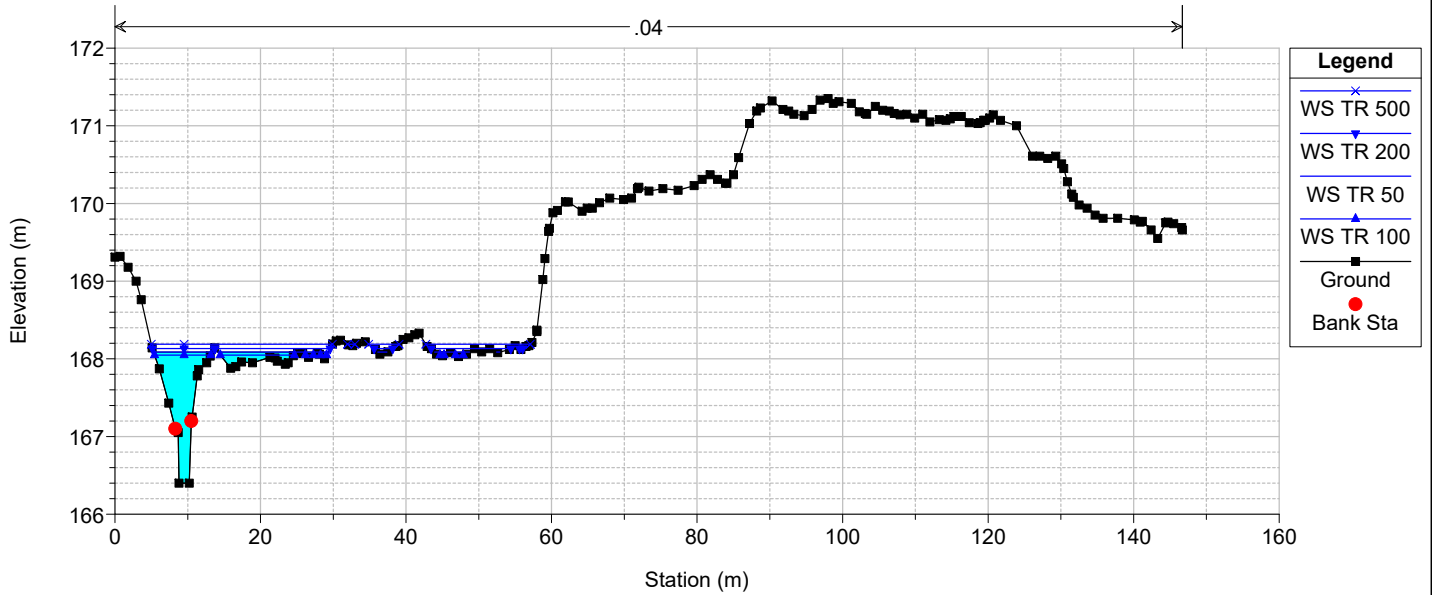
River = piandanna Reach = principale RS = 2859 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



ZONA PIANDANNA Plan: 10022021 2/11/2021

Geom: 09022021 Flow: 10022021

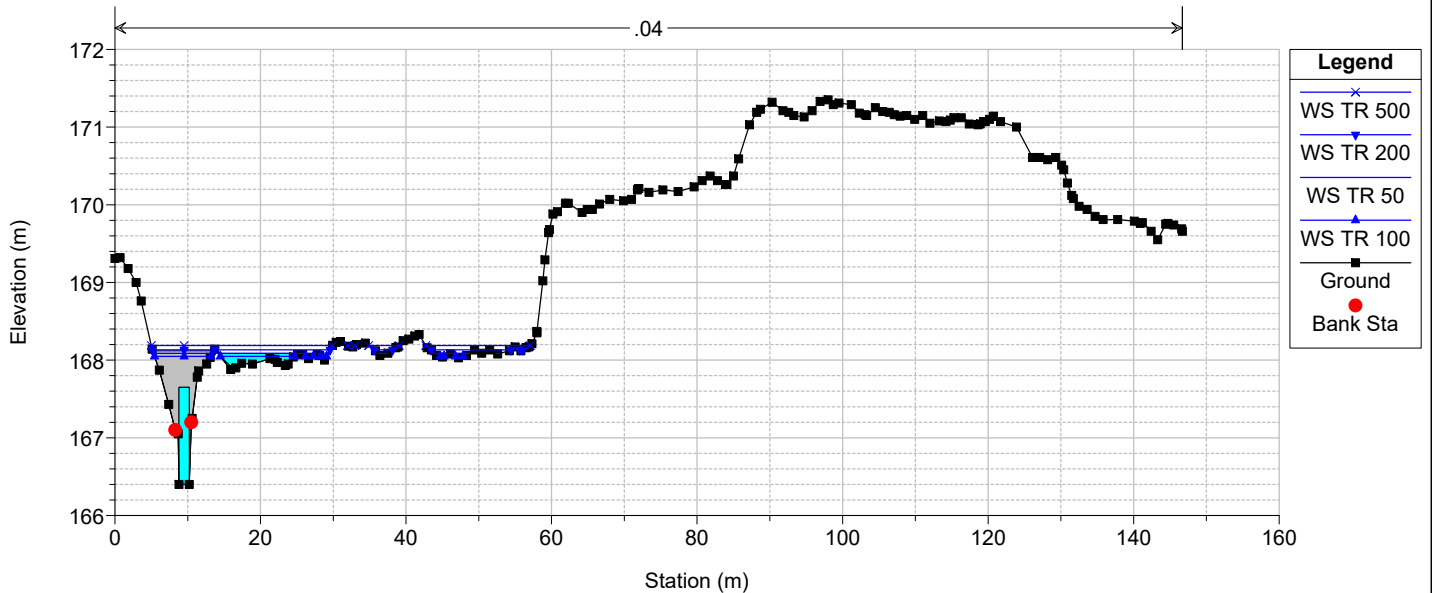
River = piandanna Reach = principale RS = 2831 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



ZONA PIANDANNA Plan: 10022021 2/11/2021

Geom: 09022021 Flow: 10022021

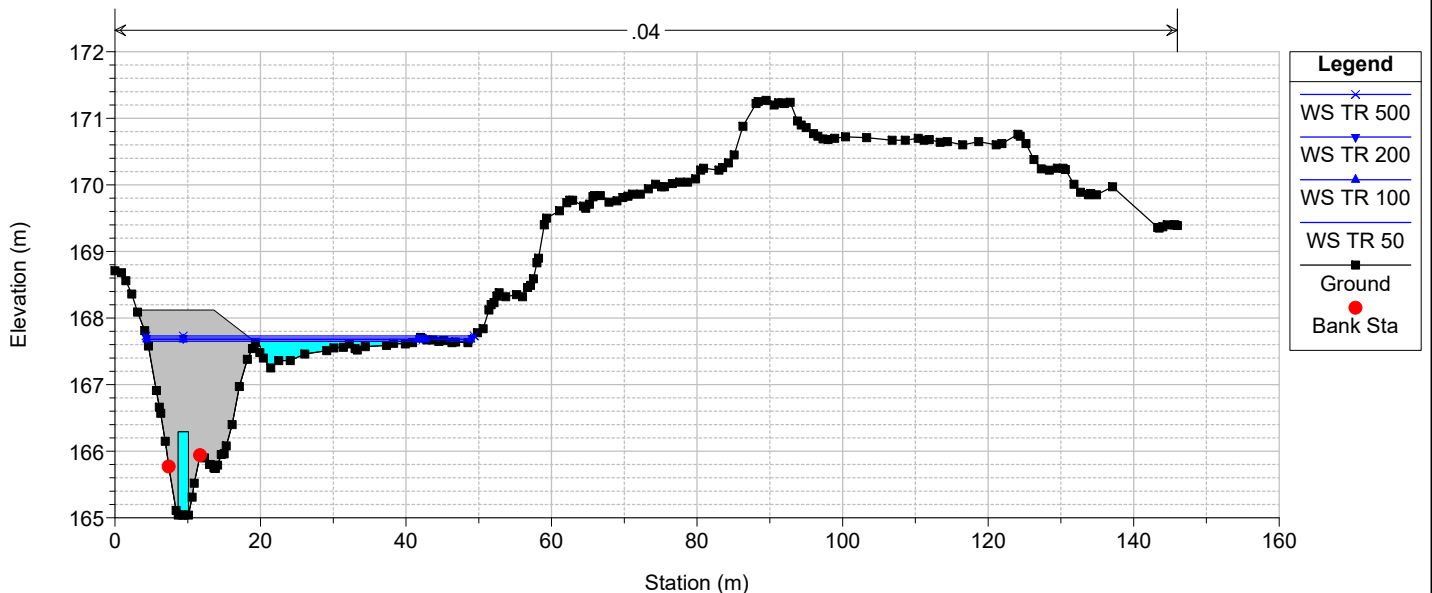
River = piandanna Reach = principale RS = 2824 Culv ersu COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



ZONA PIANDANNA Plan: 10022021 2/11/2021

Geom: 09022021 Flow: 10022021

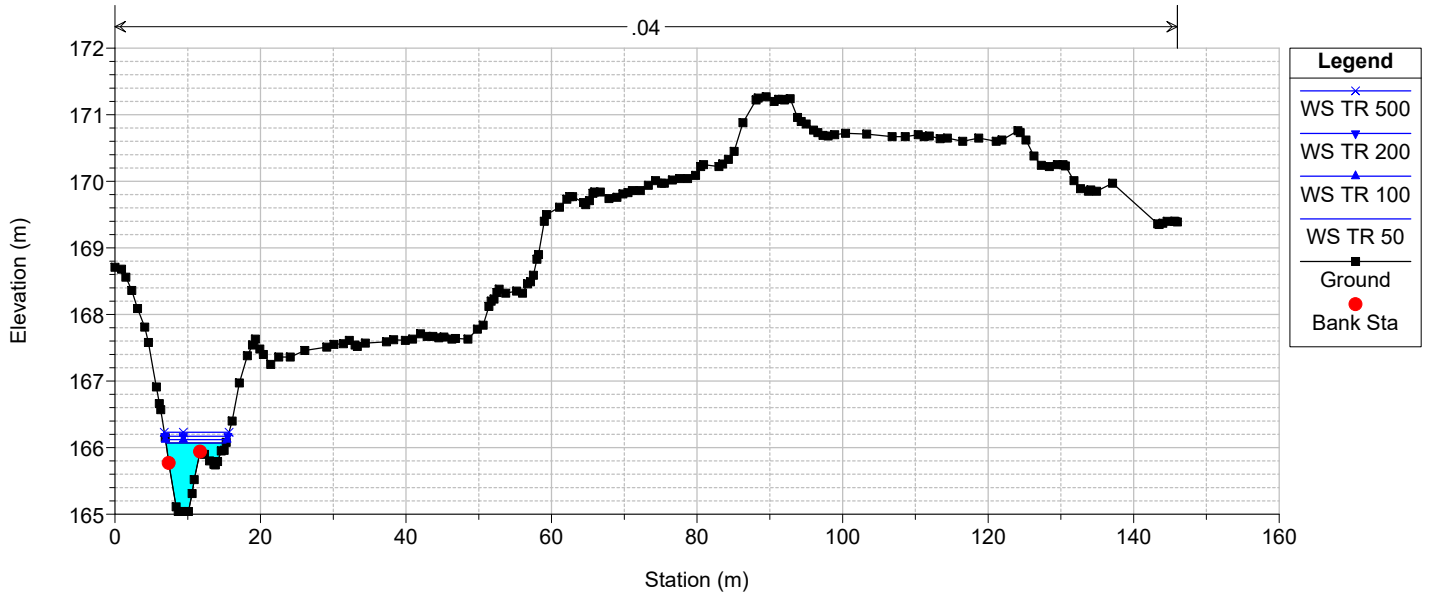
River = piandanna Reach = principale RS = 2824 Culv ersu COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



ZONA PIANDANNA Plan: 10022021 2/11/2021

Geom: 09022021 Flow: 10022021

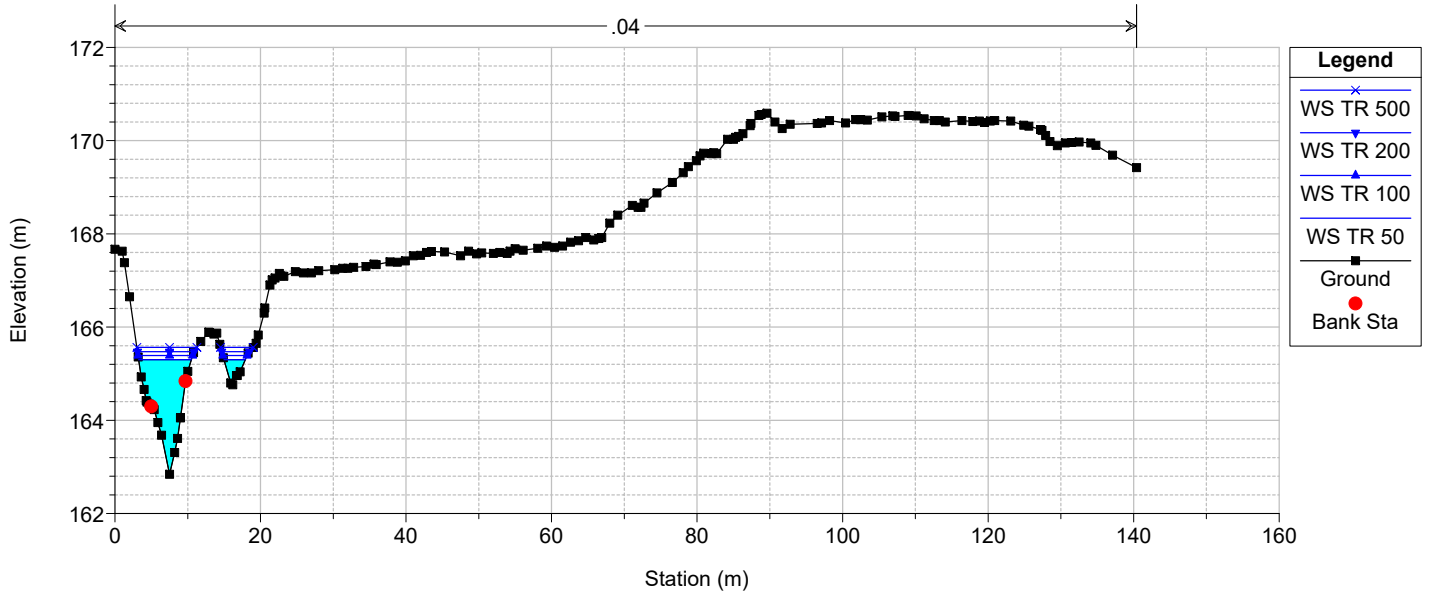
River = piandanna Reach = principale RS = 2815 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



ZONA PIANDANNA Plan: 10022021 2/11/2021

Geom: 09022021 Flow: 10022021

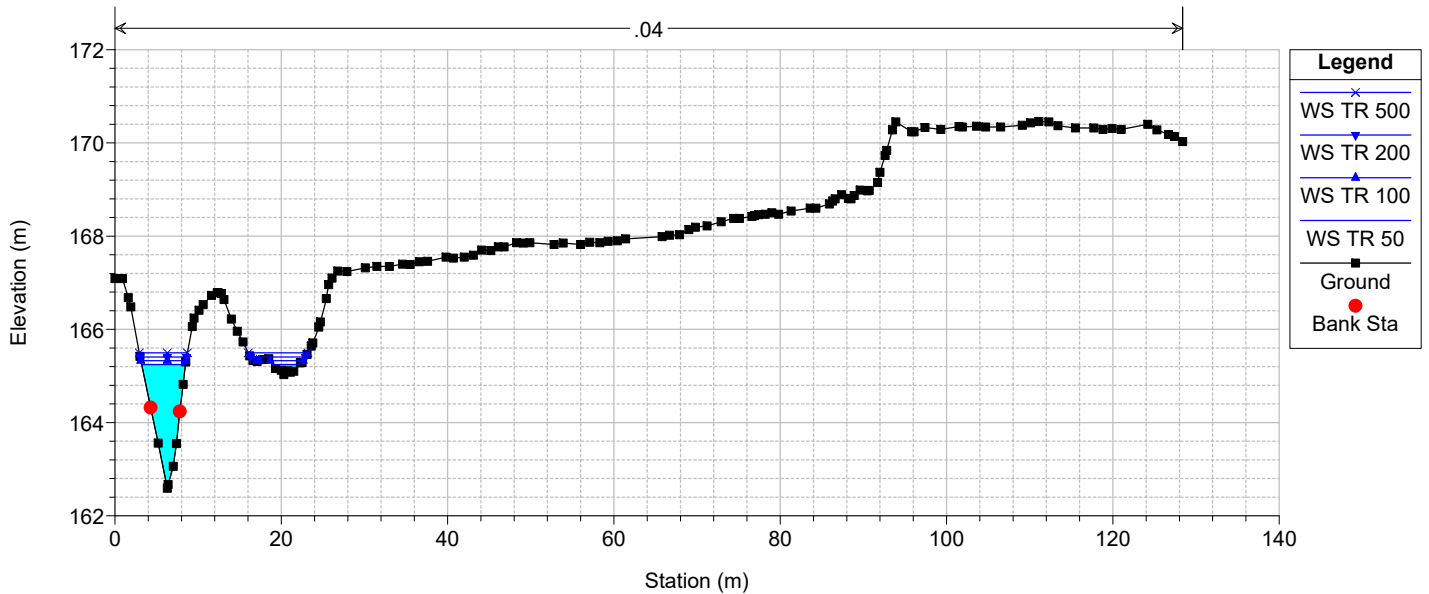
River = piandanna Reach = principale RS = 2783 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



ZONA PIANDANNA Plan: 10022021 2/11/2021

Geom: 09022021 Flow: 10022021

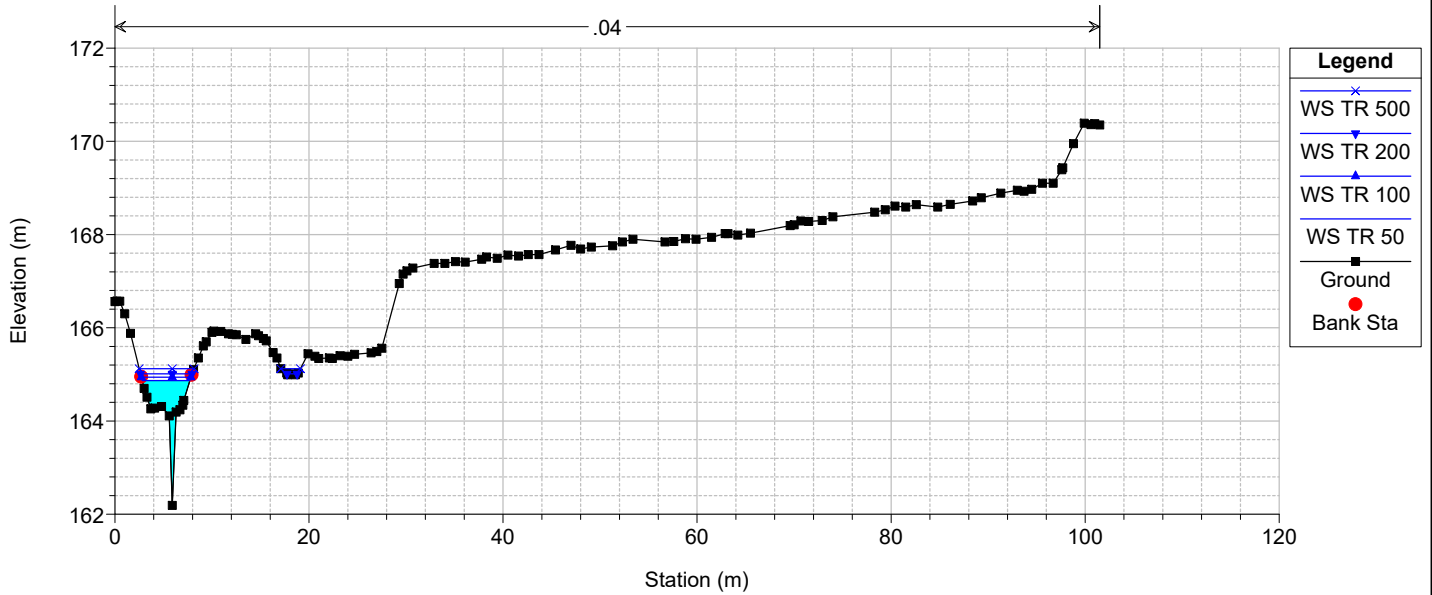
River = piandanna Reach = principale RS = 2764 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



ZONA PIANDANNA Plan: 10022021 2/11/2021

Geom: 09022021 Flow: 10022021

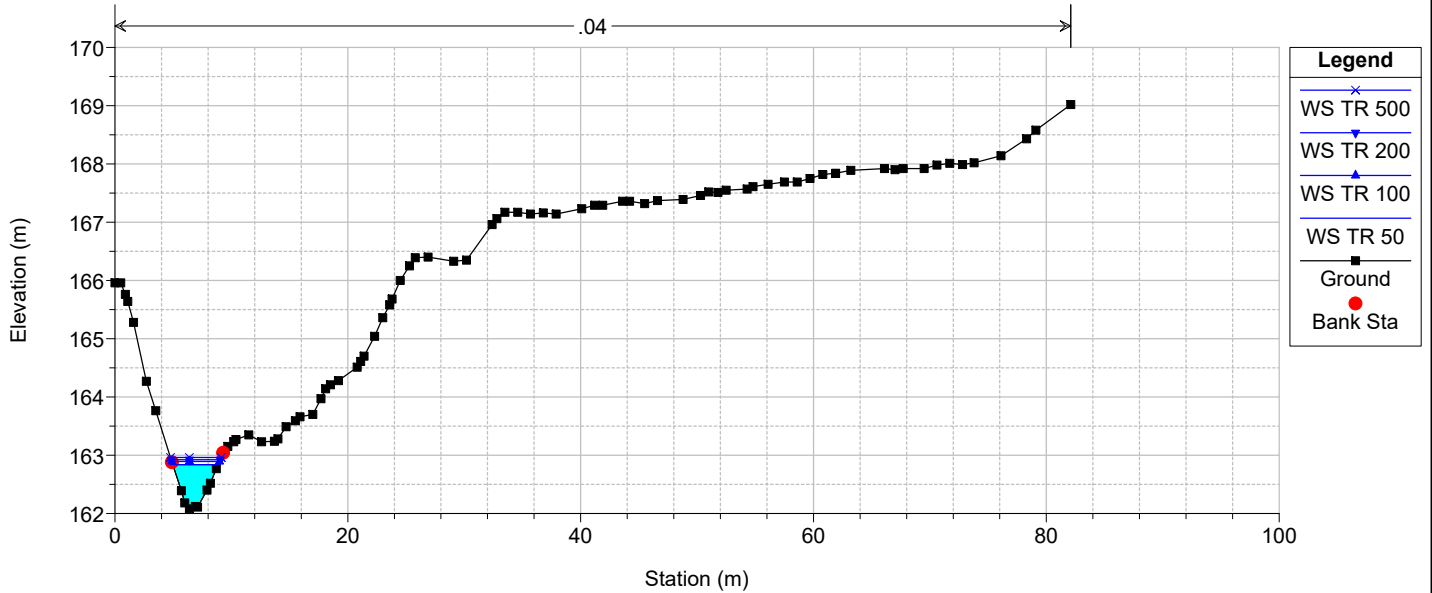
River = piandanna Reach = principale RS = 2747 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



ZONA PIANDANNA Plan: 10022021 2/11/2021

Geom: 09022021 Flow: 10022021

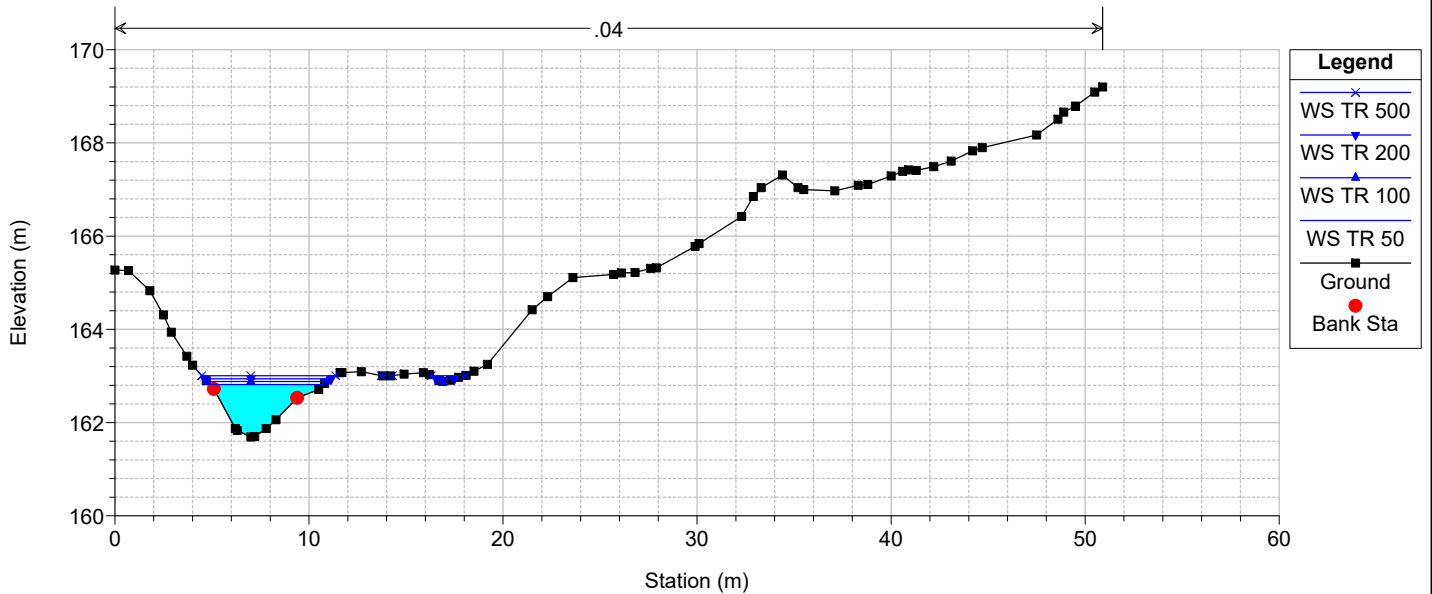
River = piandanna Reach = principale RS = 2728 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



ZONA PIANDANNA Plan: 10022021 2/11/2021

Geom: 09022021 Flow: 10022021

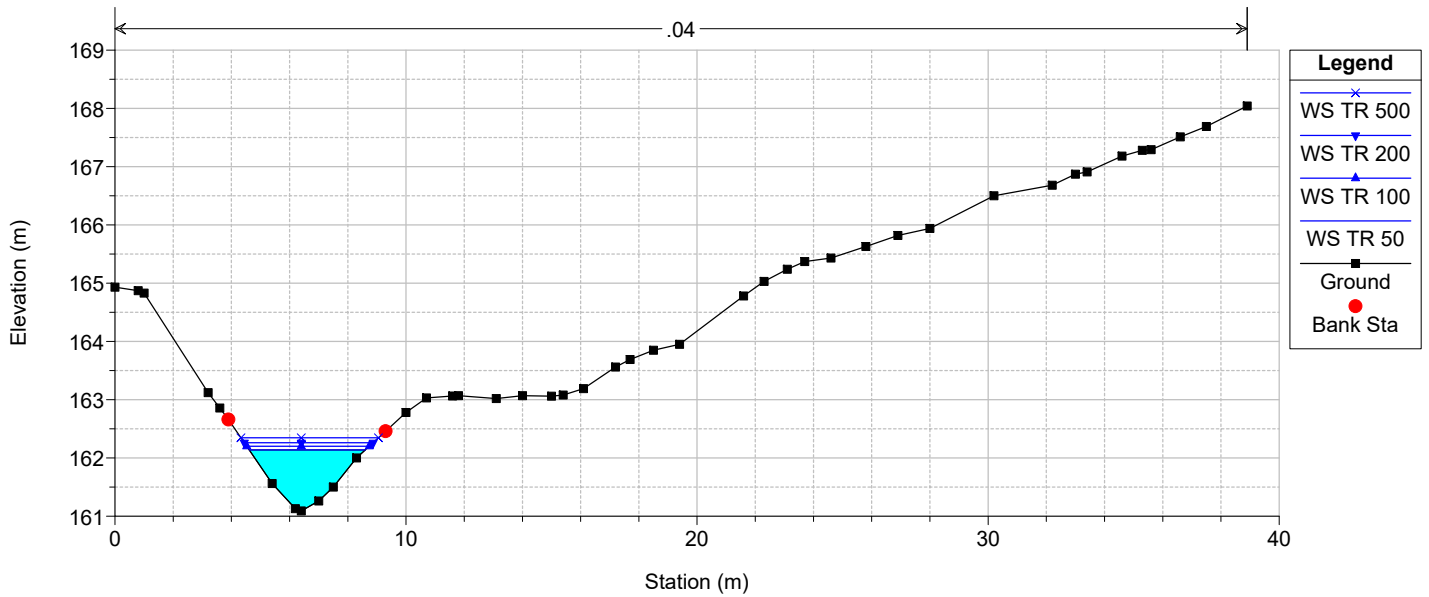
River = piandanna Reach = principale RS = 2707 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



ZONA PIANDANNA Plan: 10022021 2/11/2021

Geom: 09022021 Flow: 10022021

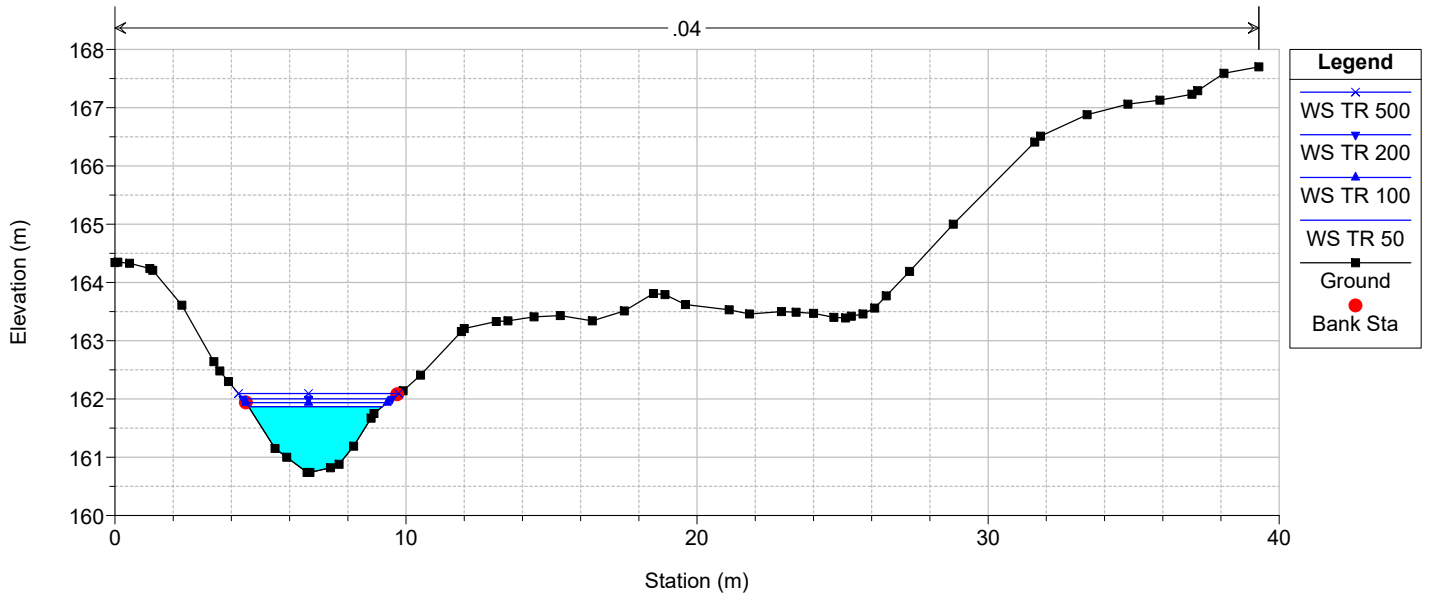
River = piandanna Reach = principale RS = 2696 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



ZONA PIANDANNA Plan: 10022021 2/11/2021

Geom: 09022021 Flow: 10022021

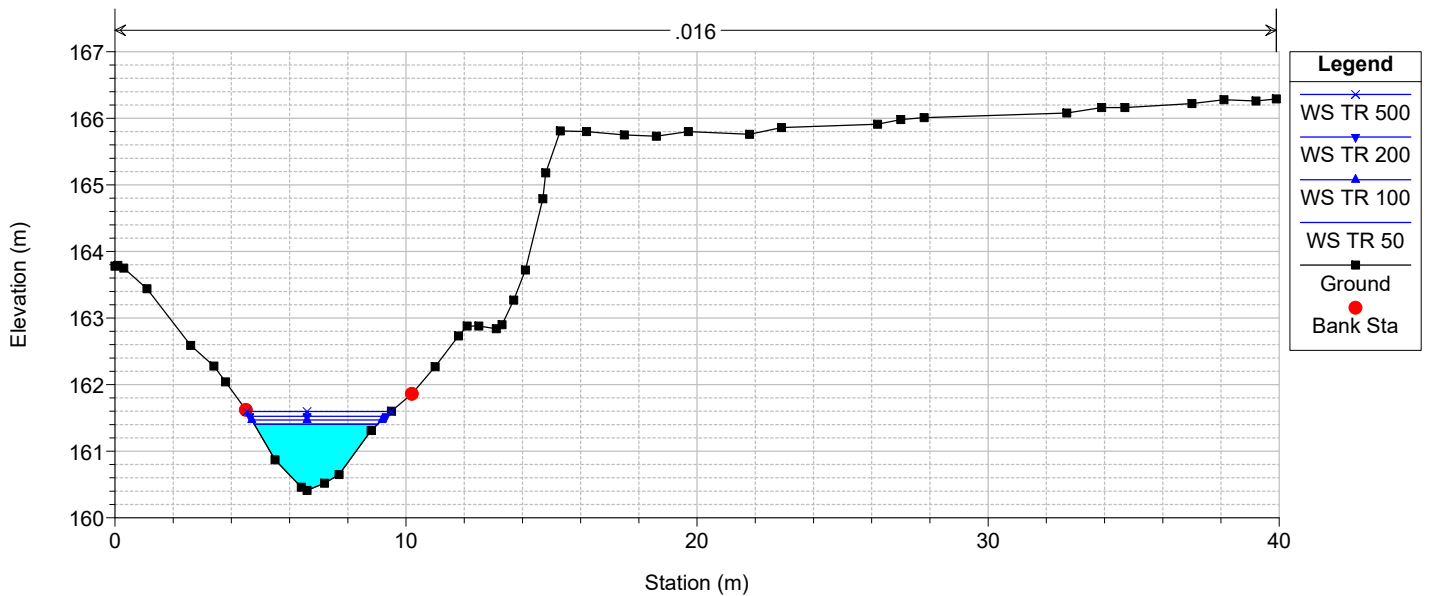
River = piandanna Reach = principale RS = 2677 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



ZONA PIANDANNA Plan: 10022021 2/11/2021

Geom: 09022021 Flow: 10022021

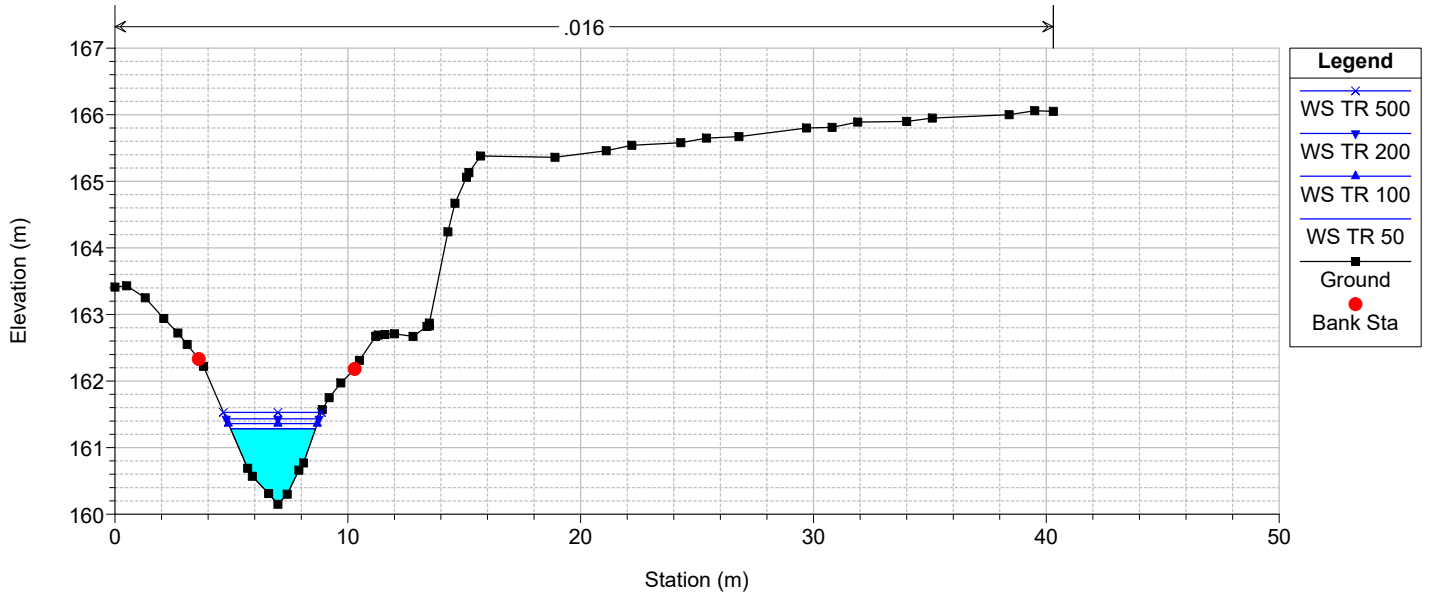
River = piandanna Reach = principale RS = 2659 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



ZONA PIANDANNA Plan: 10022021 2/11/2021

Geom: 09022021 Flow: 10022021

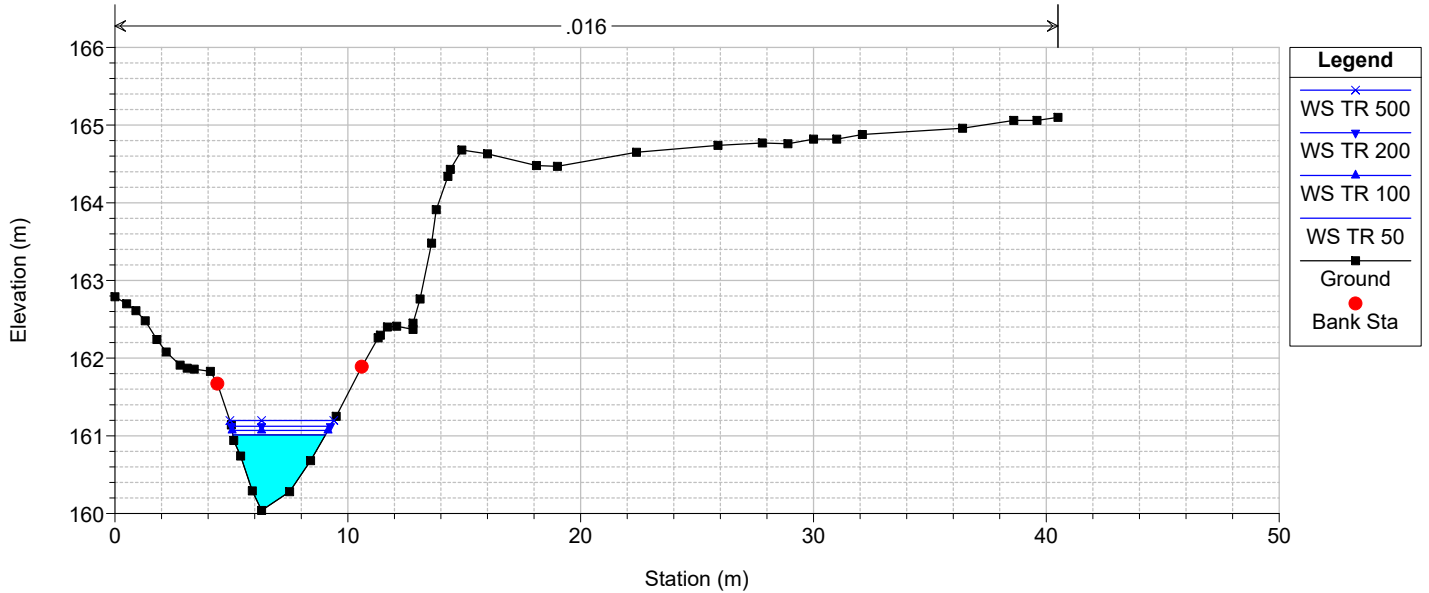
River = piandanna Reach = principale RS = 2647 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



ZONA PIANDANNA Plan: 10022021 2/11/2021

Geom: 09022021 Flow: 10022021

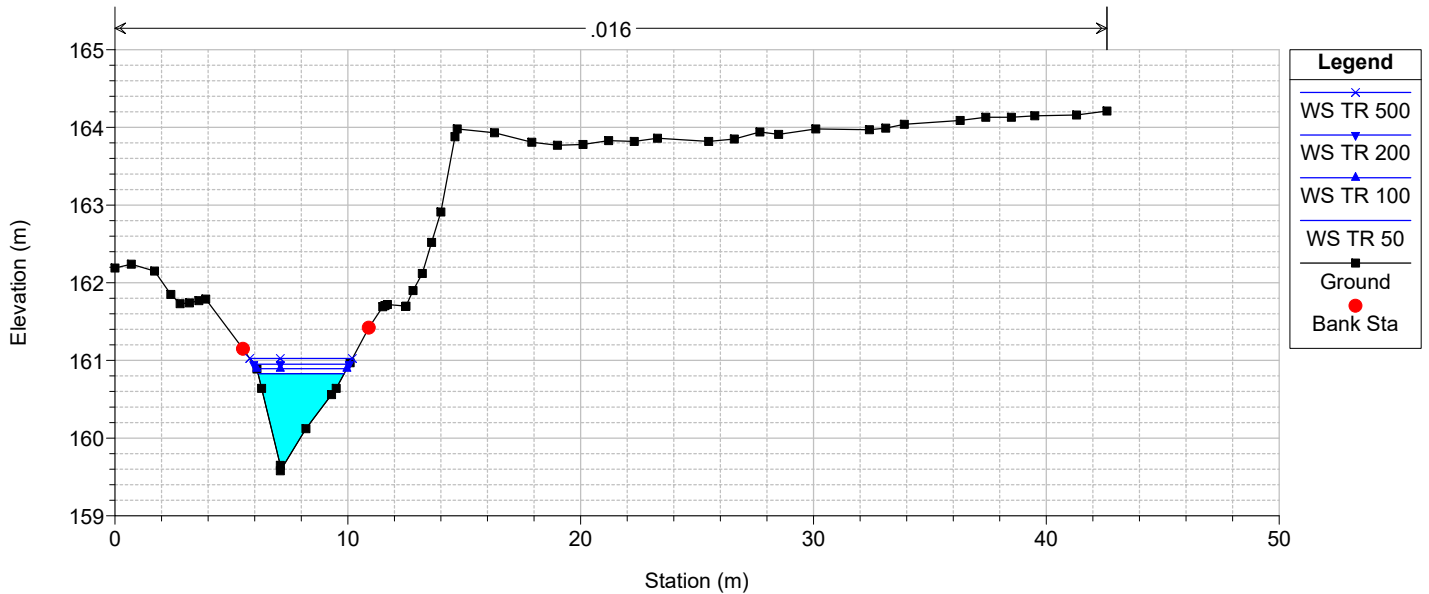
River = piandanna Reach = principale RS = 2627 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



ZONA PIANDANNA Plan: 10022021 2/11/2021

Geom: 09022021 Flow: 10022021

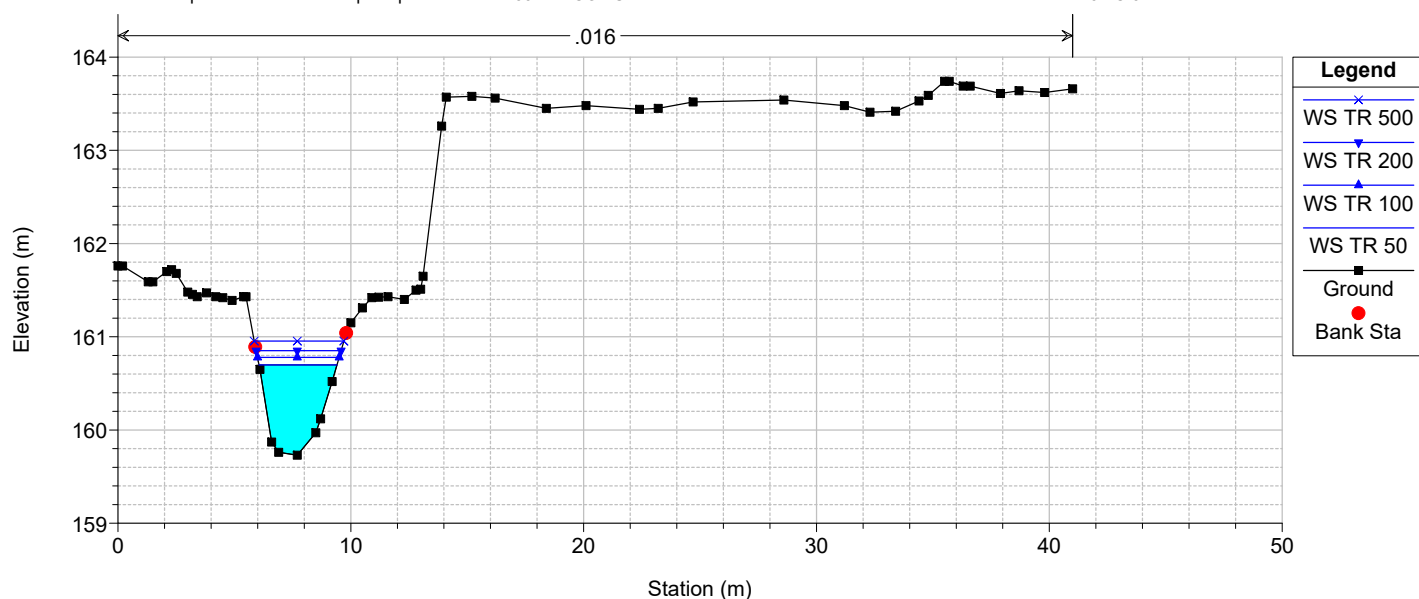
River = piandanna Reach = principale RS = 2607 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



ZONA PIANDANNA Plan: 10022021 2/11/2021

Geom: 09022021 Flow: 10022021

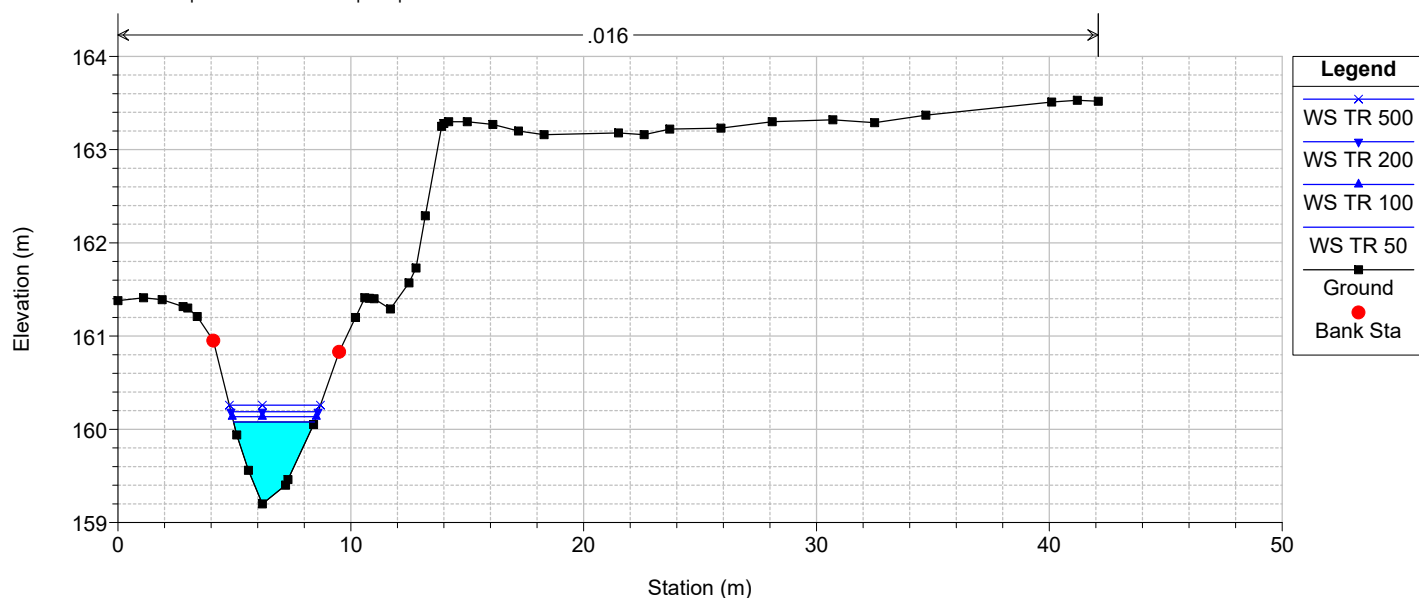
River = piandanna Reach = principale RS = 2592 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



ZONA PIANDANNA Plan: 10022021 2/11/2021

Geom: 09022021 Flow: 10022021

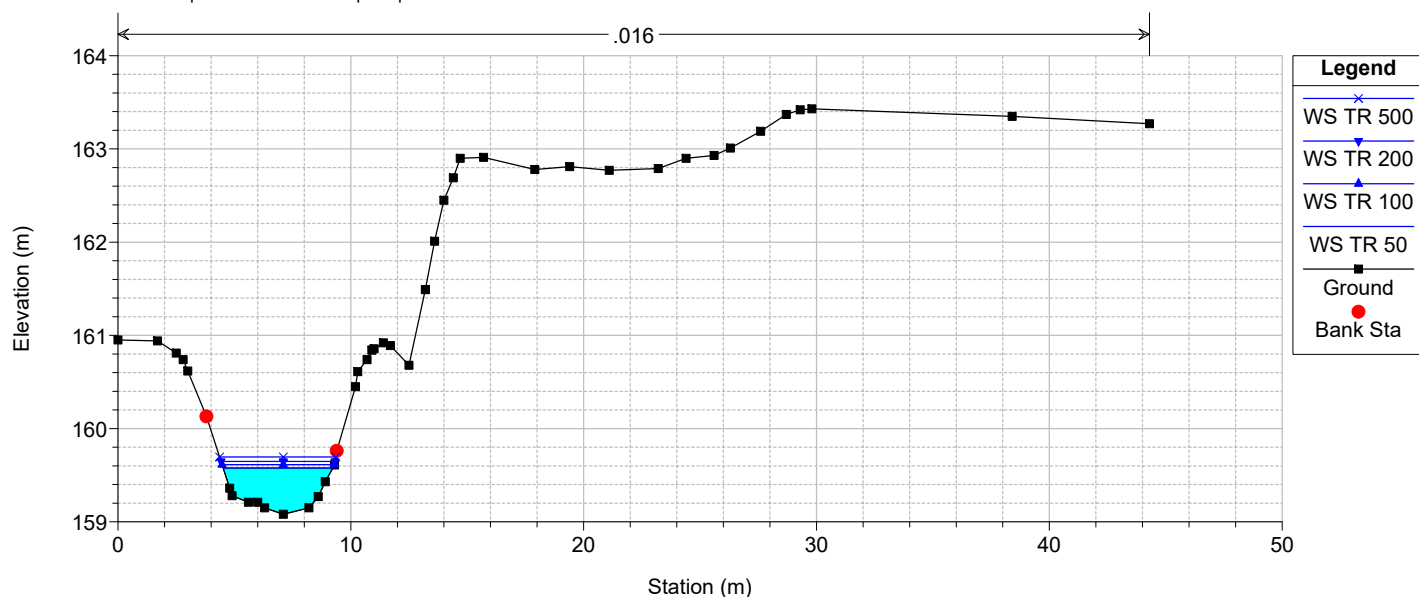
River = piandanna Reach = principale RS = 2579 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



ZONA PIANDANNA Plan: 10022021 2/11/2021

Geom: 09022021 Flow: 10022021

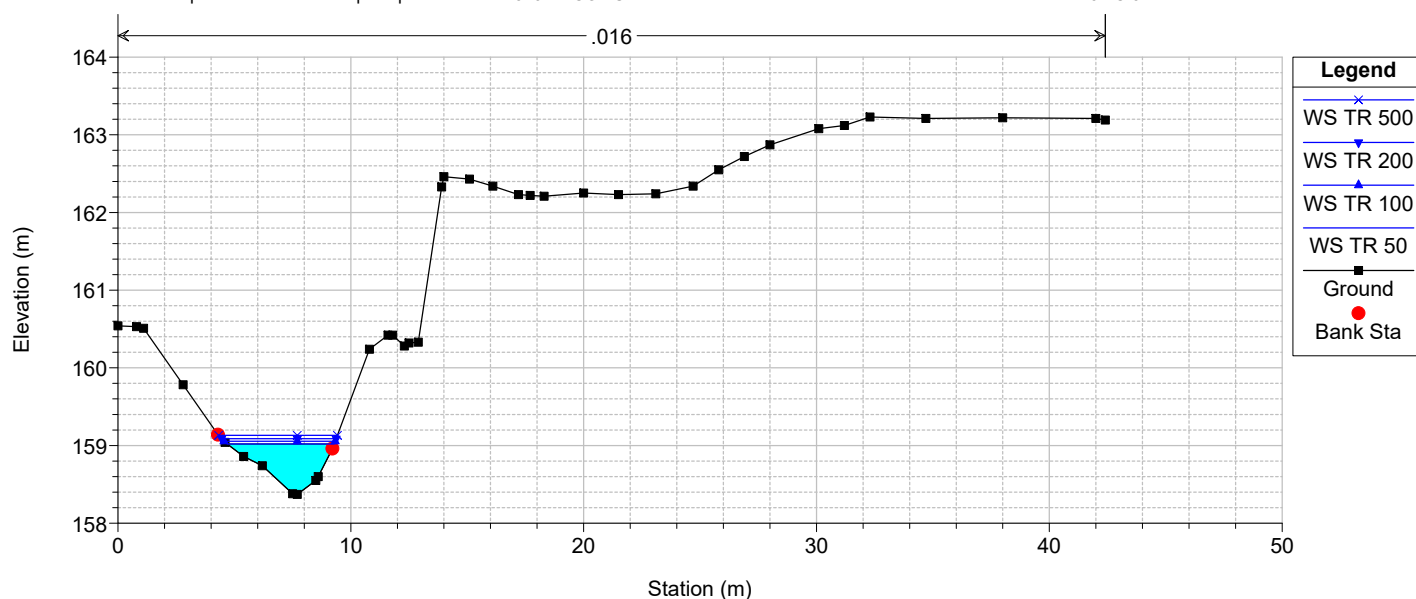
River = piandanna Reach = principale RS = 2564 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



ZONA PIANDANNA Plan: 10022021 2/11/2021

Geom: 09022021 Flow: 10022021

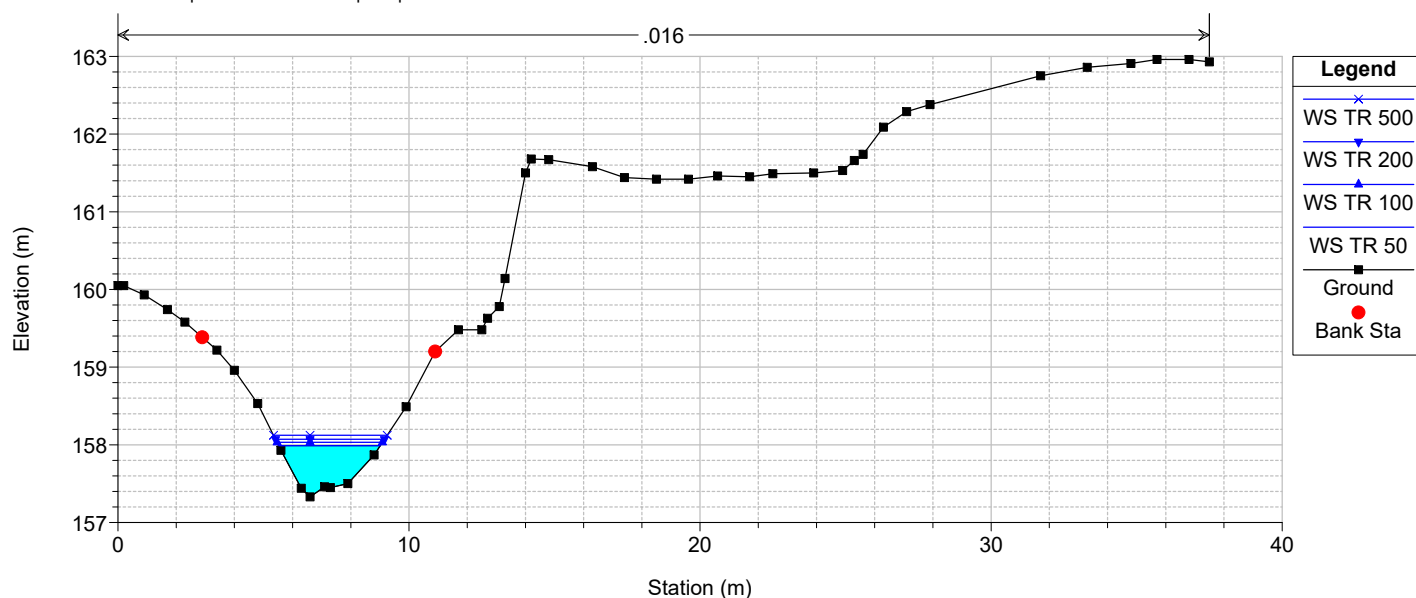
River = piandanna Reach = principale RS = 2549 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



ZONA PIANDANNA Plan: 10022021 2/11/2021

Geom: 09022021 Flow: 10022021

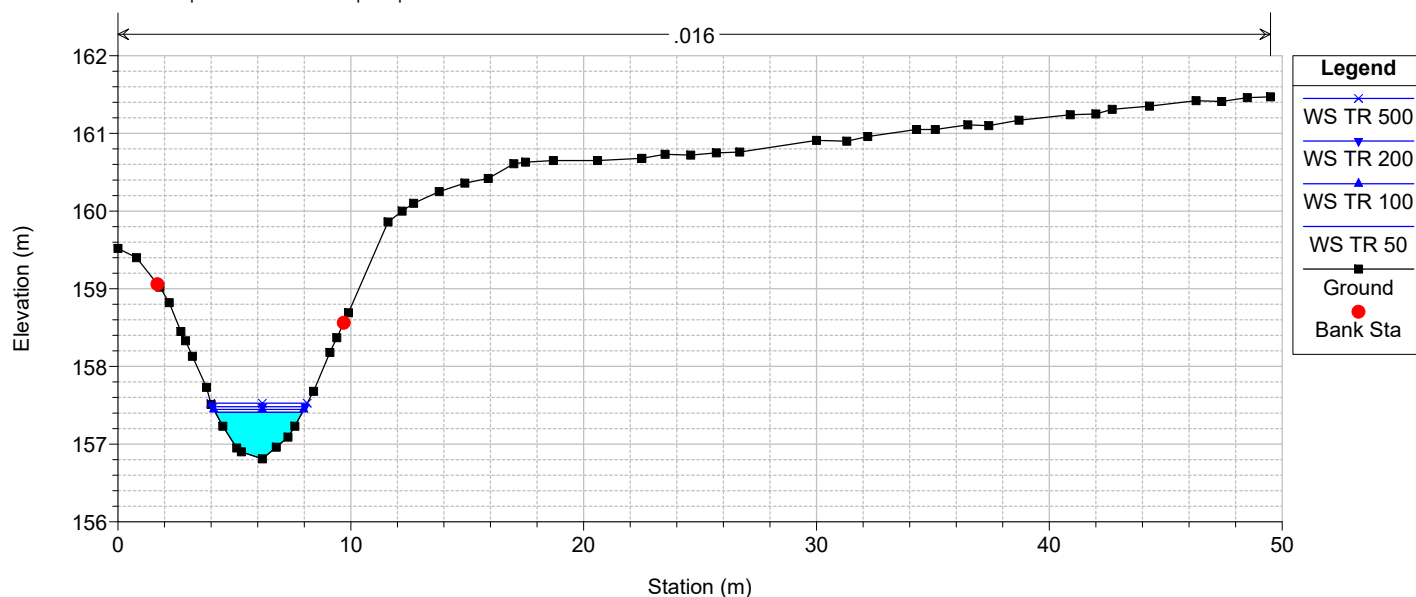
River = piandanna Reach = principale RS = 2533 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



ZONA PIANDANNA Plan: 10022021 2/11/2021

Geom: 09022021 Flow: 10022021

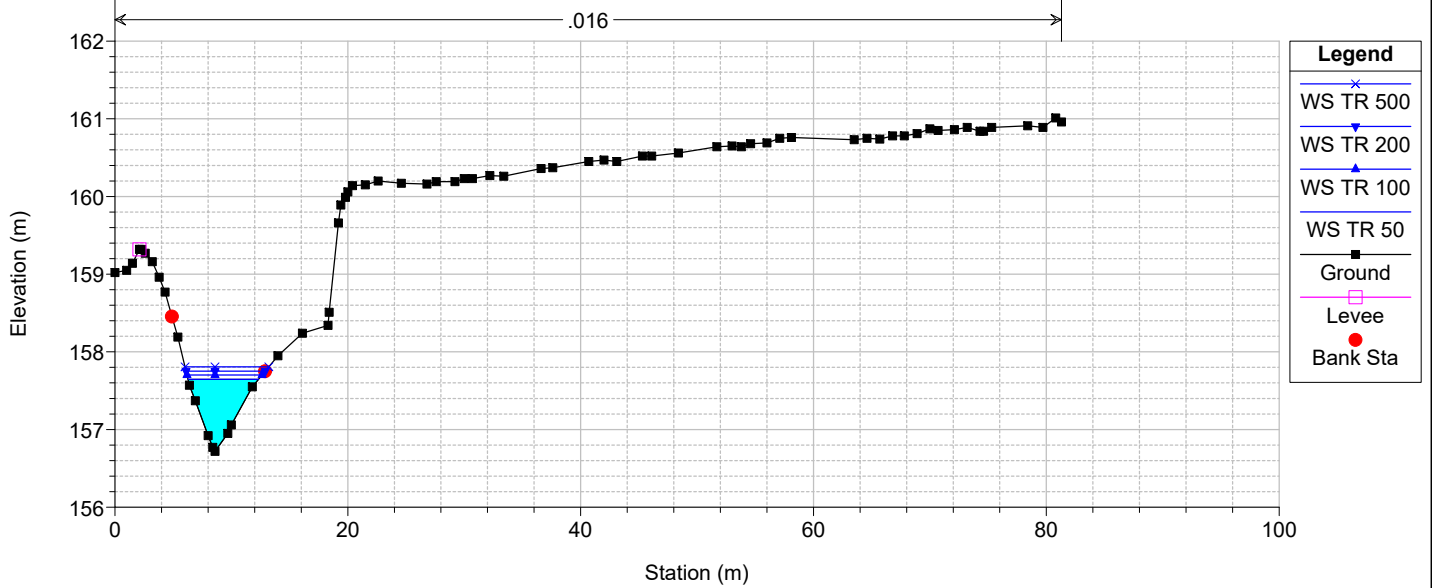
River = piandanna Reach = principale RS = 2515 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



ZONA PIANDANNA Plan: 10022021 2/11/2021

Geom: 09022021 Flow: 10022021

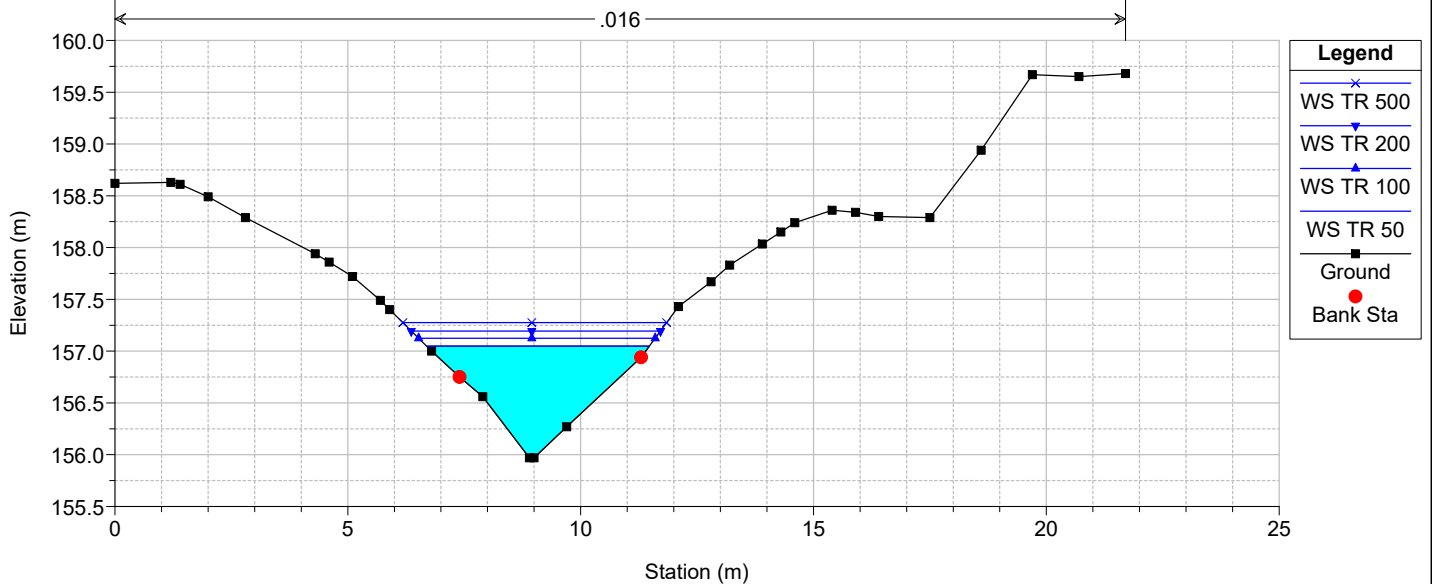
River = piandanna Reach = principale RS = 2496 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



ZONA PIANDANNA Plan: 10022021 2/11/2021

Geom: 09022021 Flow: 10022021

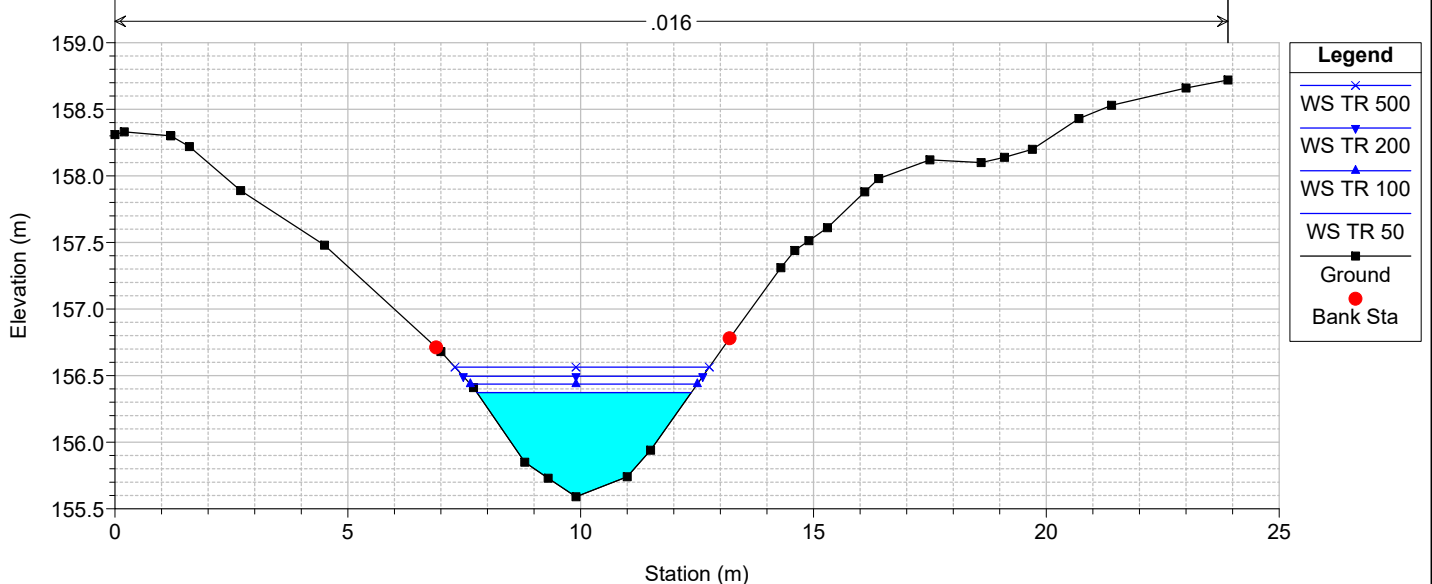
River = piandanna Reach = principale RS = 2476 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



ZONA PIANDANNA Plan: 10022021 2/11/2021

Geom: 09022021 Flow: 10022021

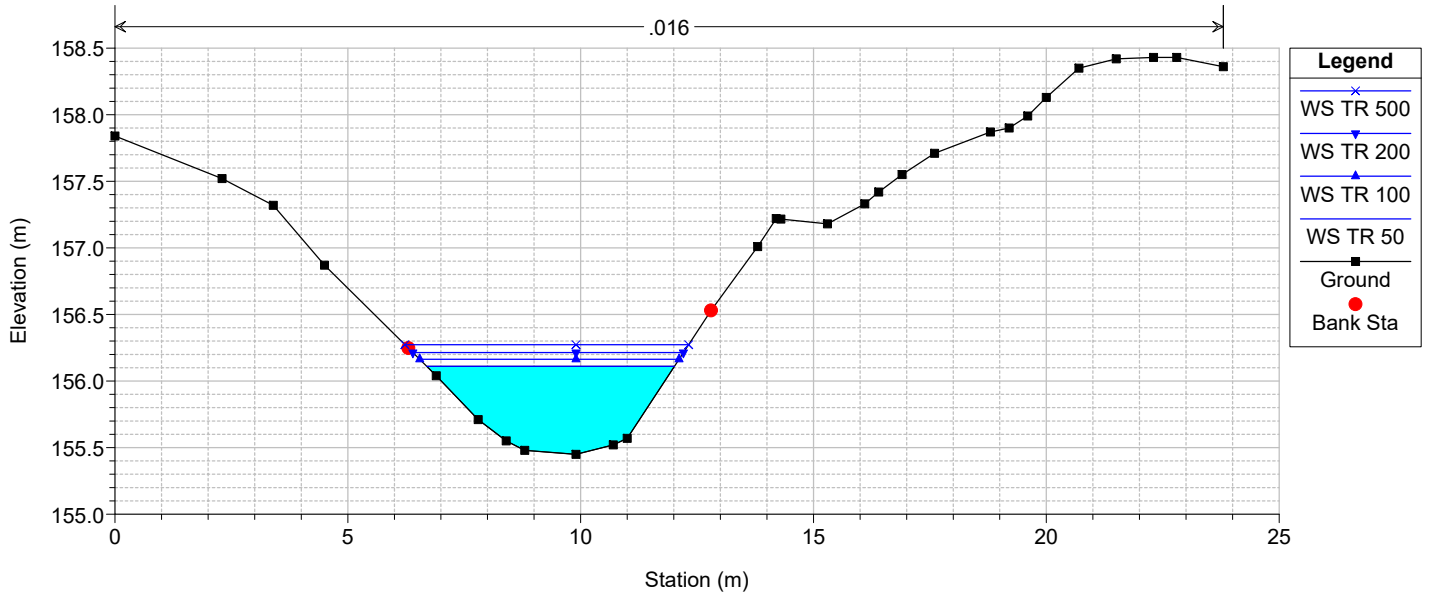
River = piandanna Reach = principale RS = 2459 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



ZONA PIANDANNA Plan: 10022021 2/11/2021

Geom: 09022021 Flow: 10022021

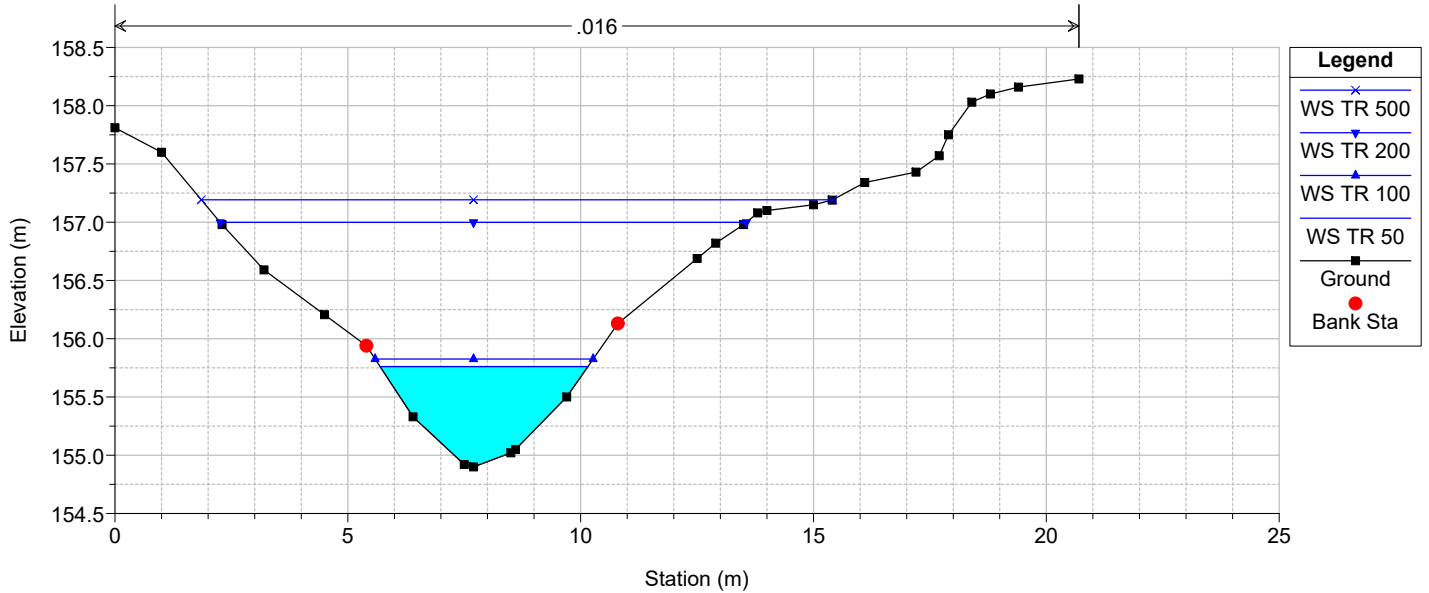
River = piandanna Reach = principale RS = 2440 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



ZONA PIANDANNA Plan: 10022021 2/11/2021

Geom: 09022021 Flow: 10022021

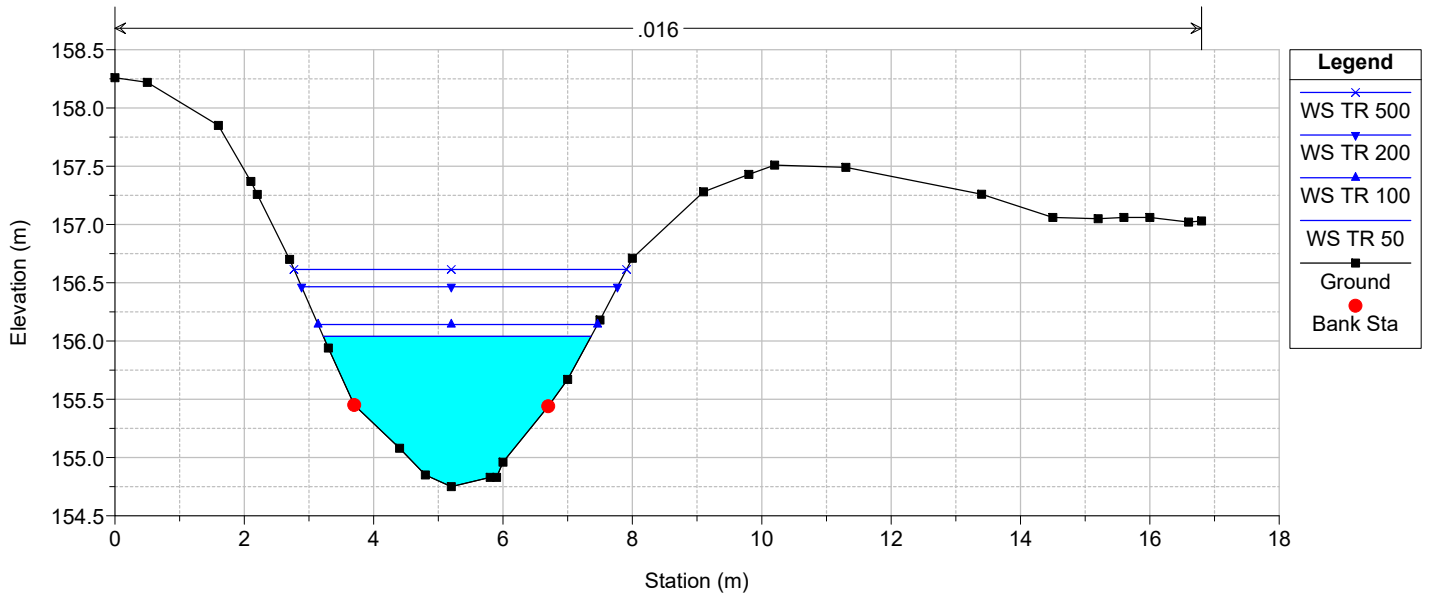
River = piandanna Reach = principale RS = 2428 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



ZONA PIANDANNA Plan: 10022021 2/11/2021

Geom: 09022021 Flow: 10022021

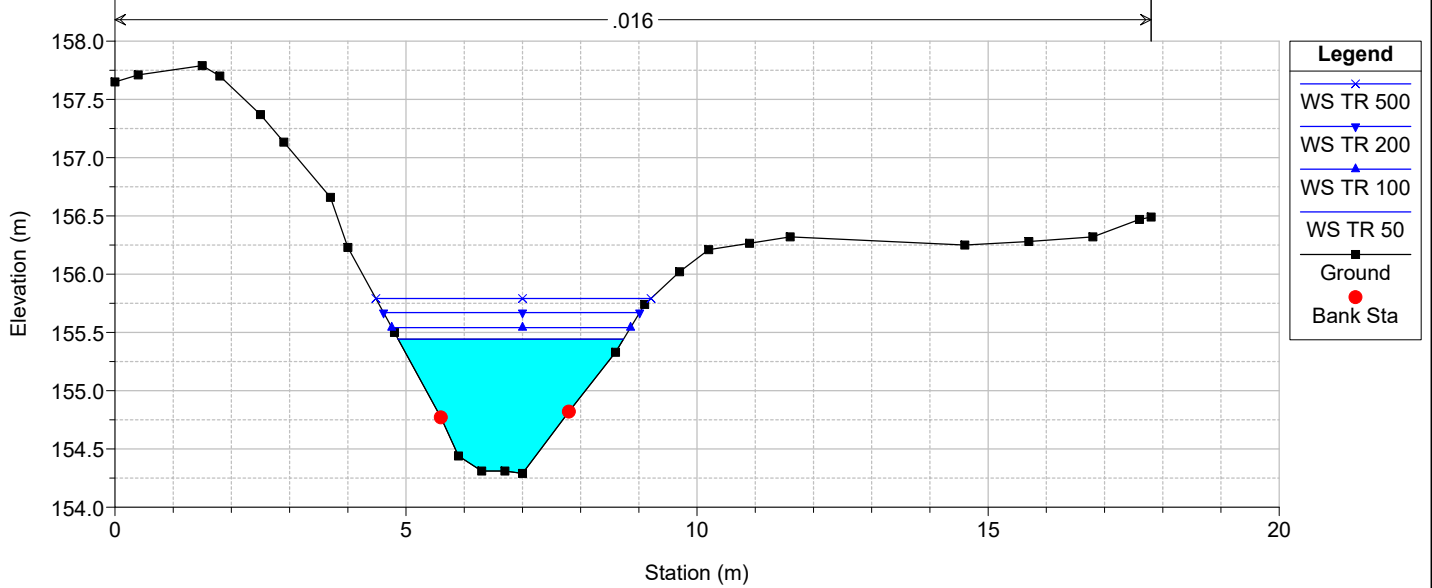
River = piandanna Reach = principale RS = 2402 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



ZONA PIANDANNA Plan: 10022021 2/11/2021

Geom: 09022021 Flow: 10022021

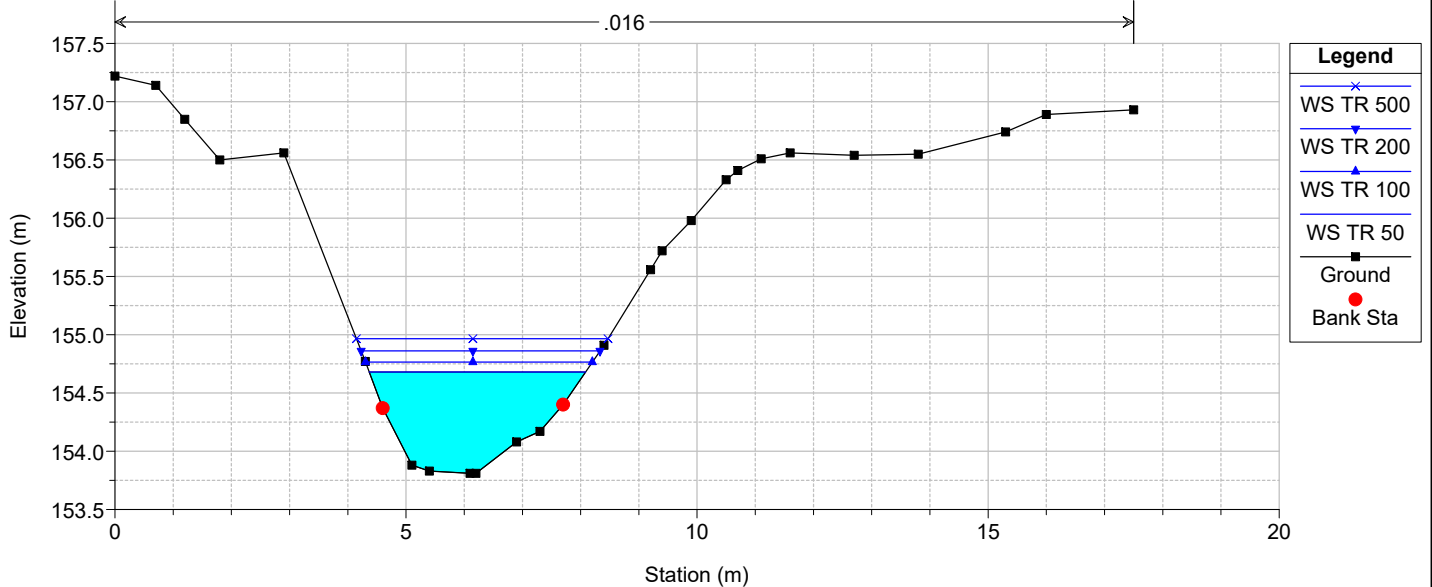
River = piandanna Reach = principale RS = 2390 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



ZONA PIANDANNA Plan: 10022021 2/11/2021

Geom: 09022021 Flow: 10022021

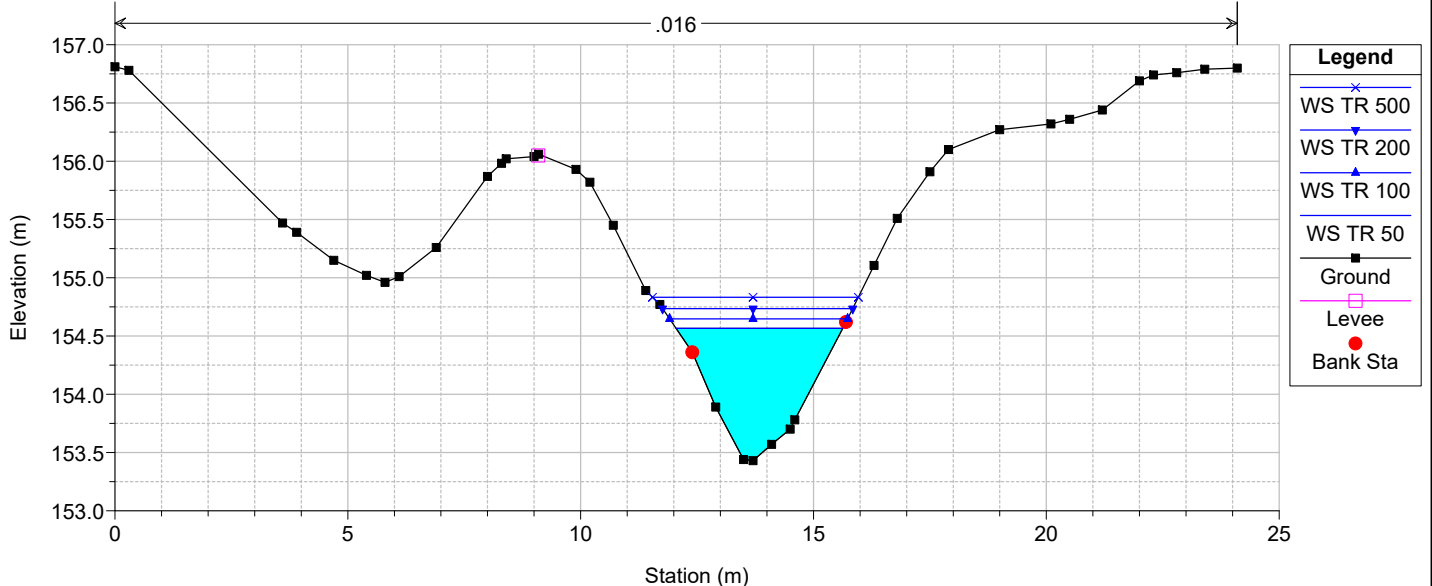
River = piandanna Reach = principale RS = 2369 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



ZONA PIANDANNA Plan: 10022021 2/11/2021

Geom: 09022021 Flow: 10022021

River = piandanna Reach = principale RS = 2353 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI

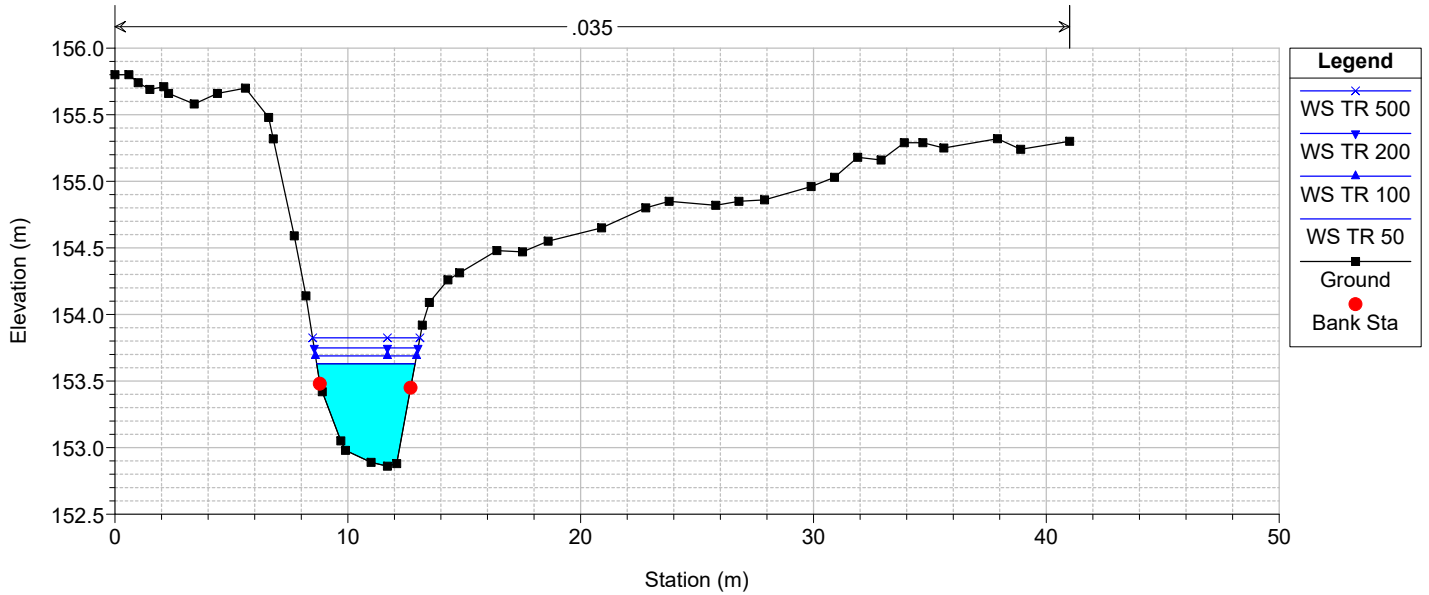


ZONA PIANDANNA Plan: 10022021 2/11/2021

Geom: 09022021 Flow: 10022021

River = piandanna Reach = principale RS = 2320

COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI

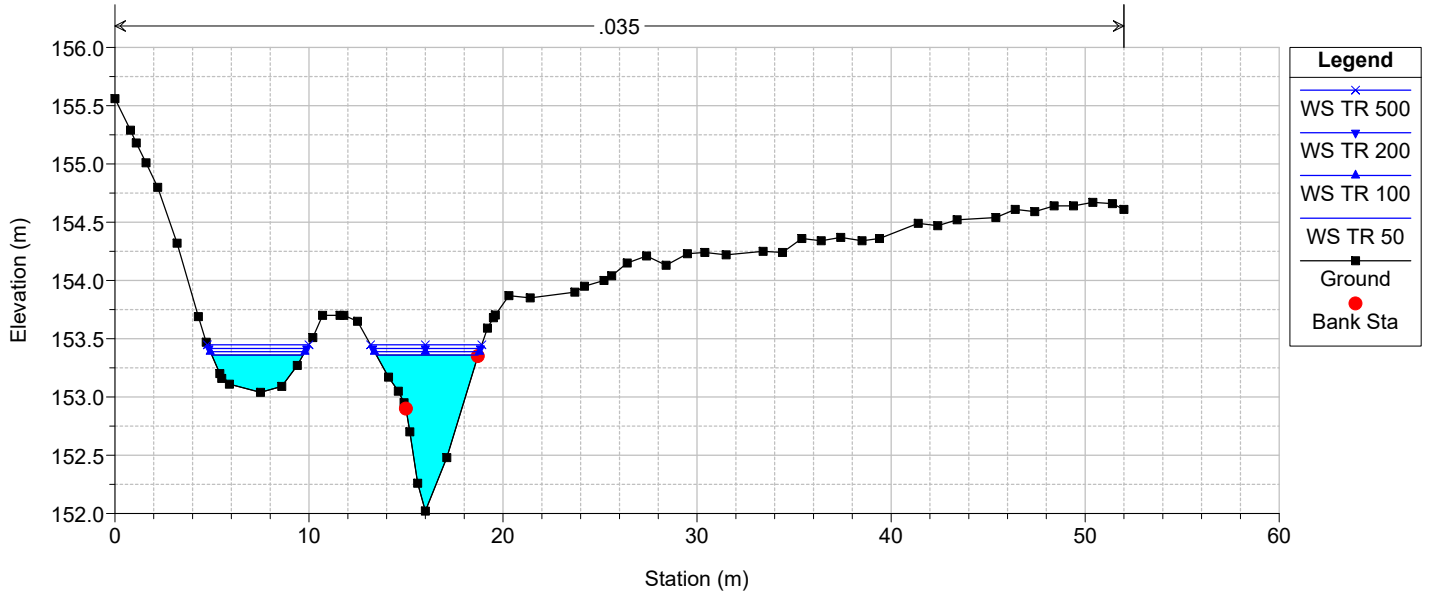


ZONA PIANDANNA Plan: 10022021 2/11/2021

Geom: 09022021 Flow: 10022021

River = piandanna Reach = principale RS = 2298

COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI

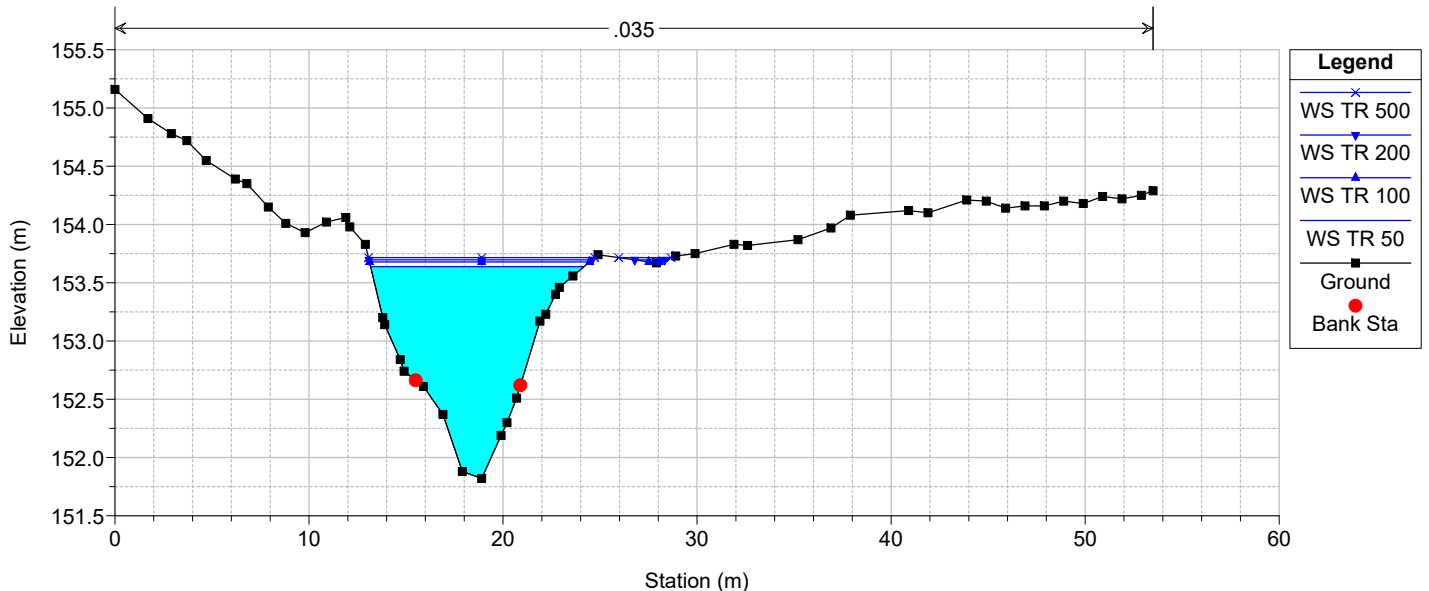


ZONA PIANDANNA Plan: 10022021 2/11/2021

Geom: 09022021 Flow: 10022021

River = piandanna Reach = principale RS = 2283

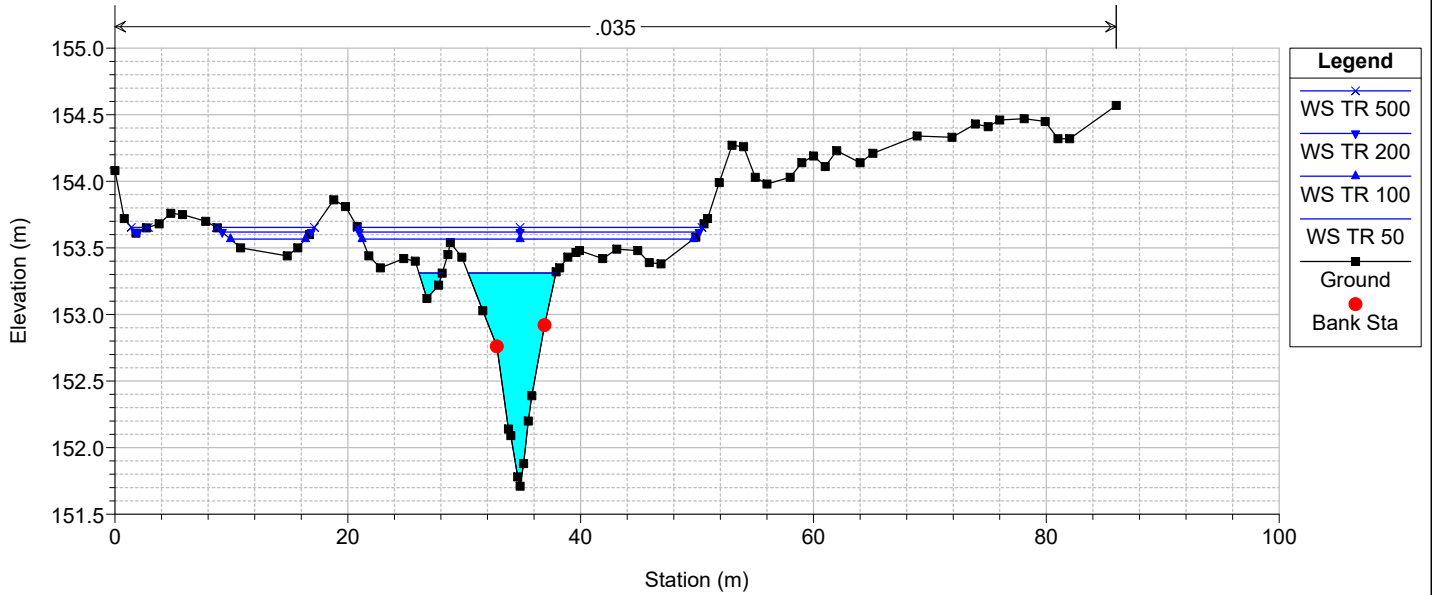
COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



ZONA PIANDANNA Plan: 10022021 2/11/2021

Geom: 09022021 Flow: 10022021

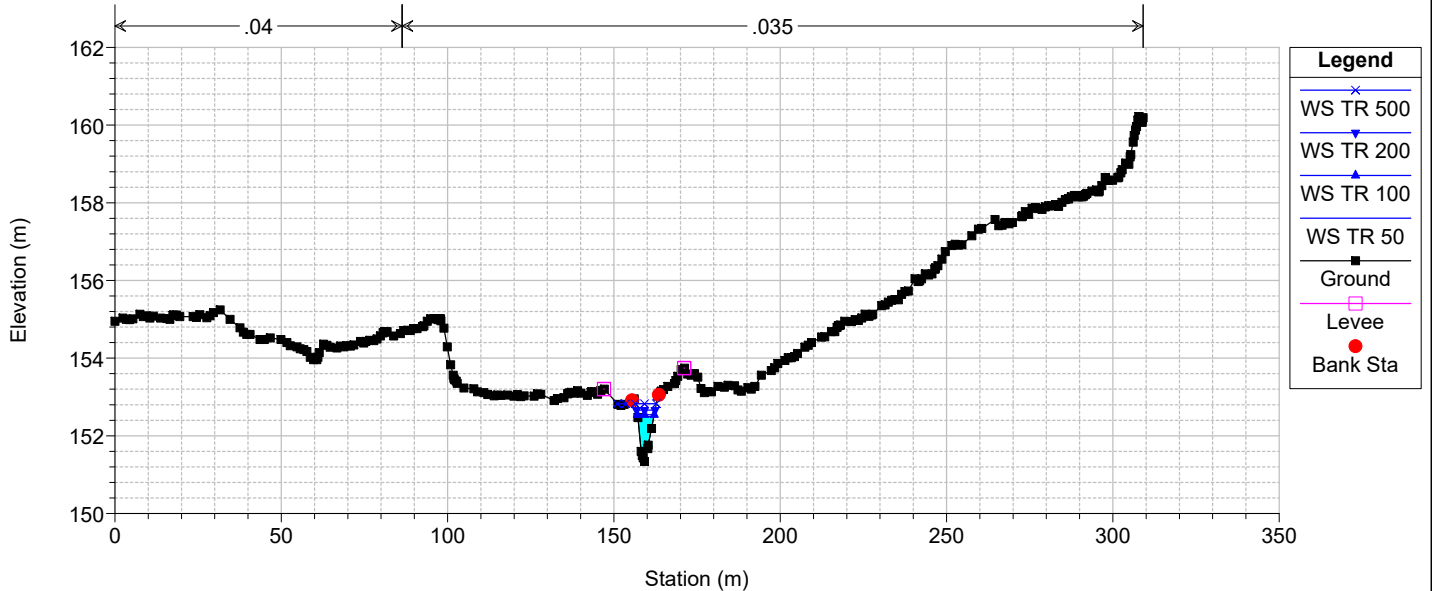
River = piandanna Reach = principale RS = 2267 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



ZONA PIANDANNA Plan: 10022021 2/11/2021

Geom: 09022021 Flow: 10022021

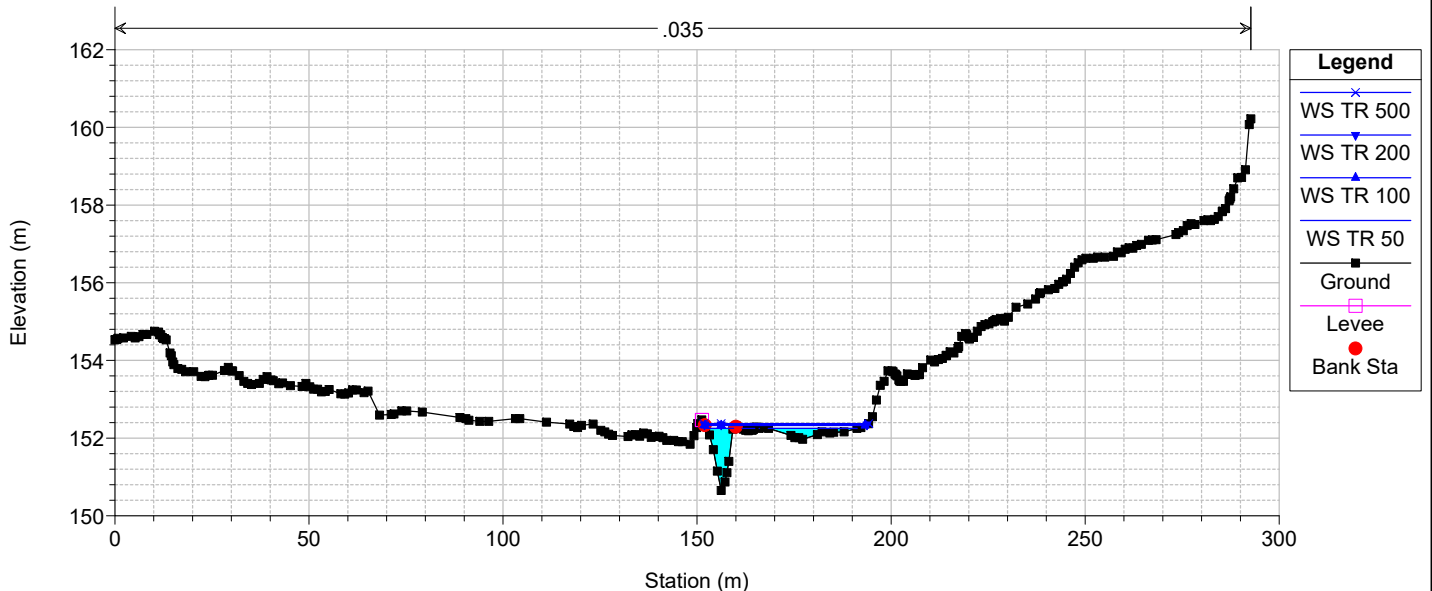
River = piandanna Reach = principale RS = 2248 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



ZONA PIANDANNA Plan: 10022021 2/11/2021

Geom: 09022021 Flow: 10022021

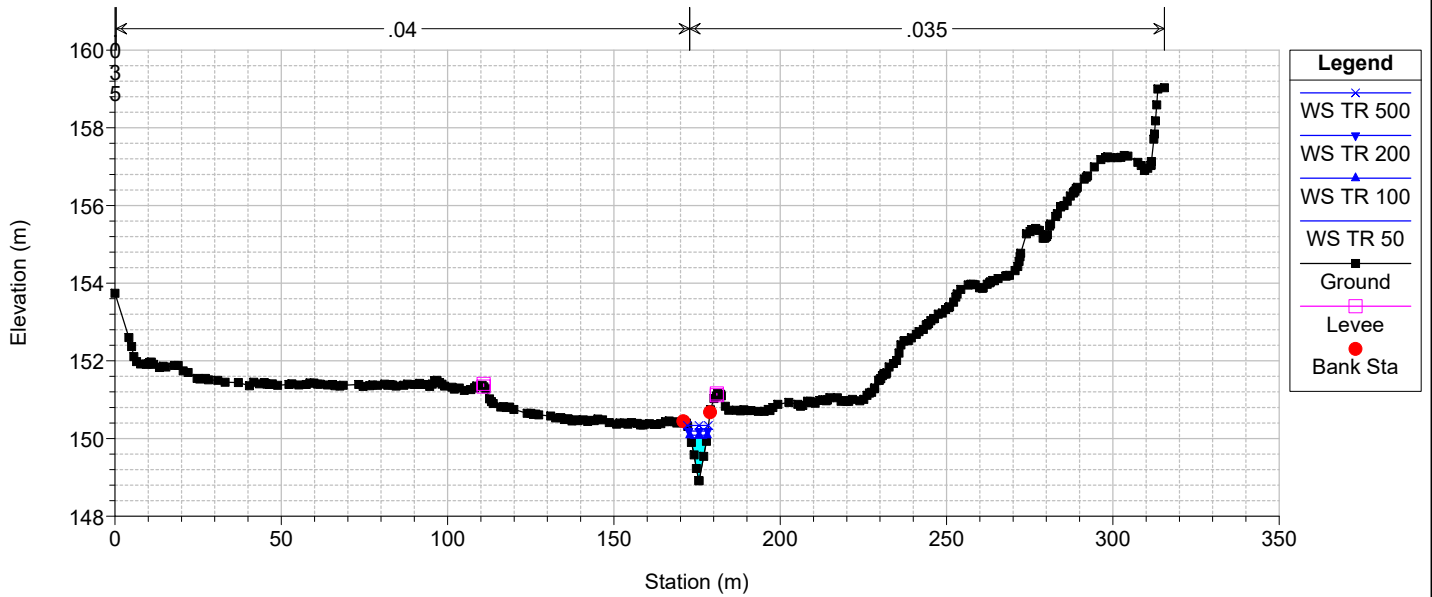
River = piandanna Reach = principale RS = 2181 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



ZONA PIANDANNA Plan: 10022021 2/11/2021

Geom: 09022021 Flow: 10022021

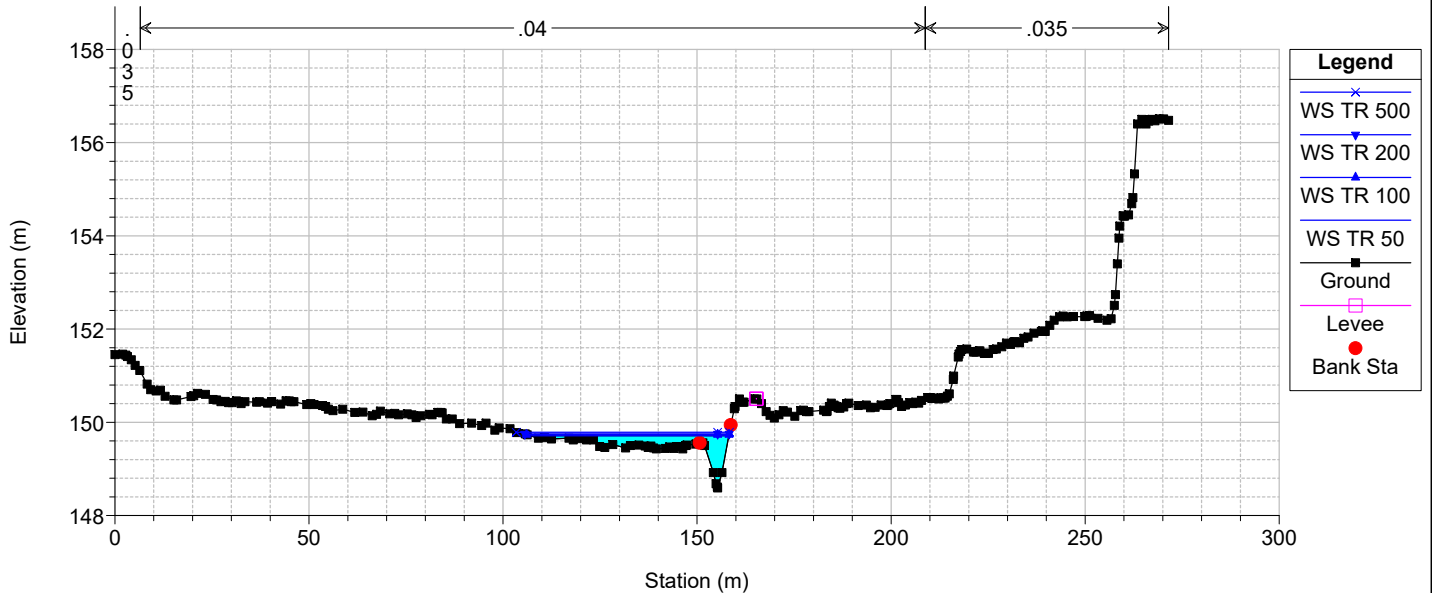
River = piandanna Reach = principale RS = 2098 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



ZONA PIANDANNA Plan: 10022021 2/11/2021

Geom: 09022021 Flow: 10022021

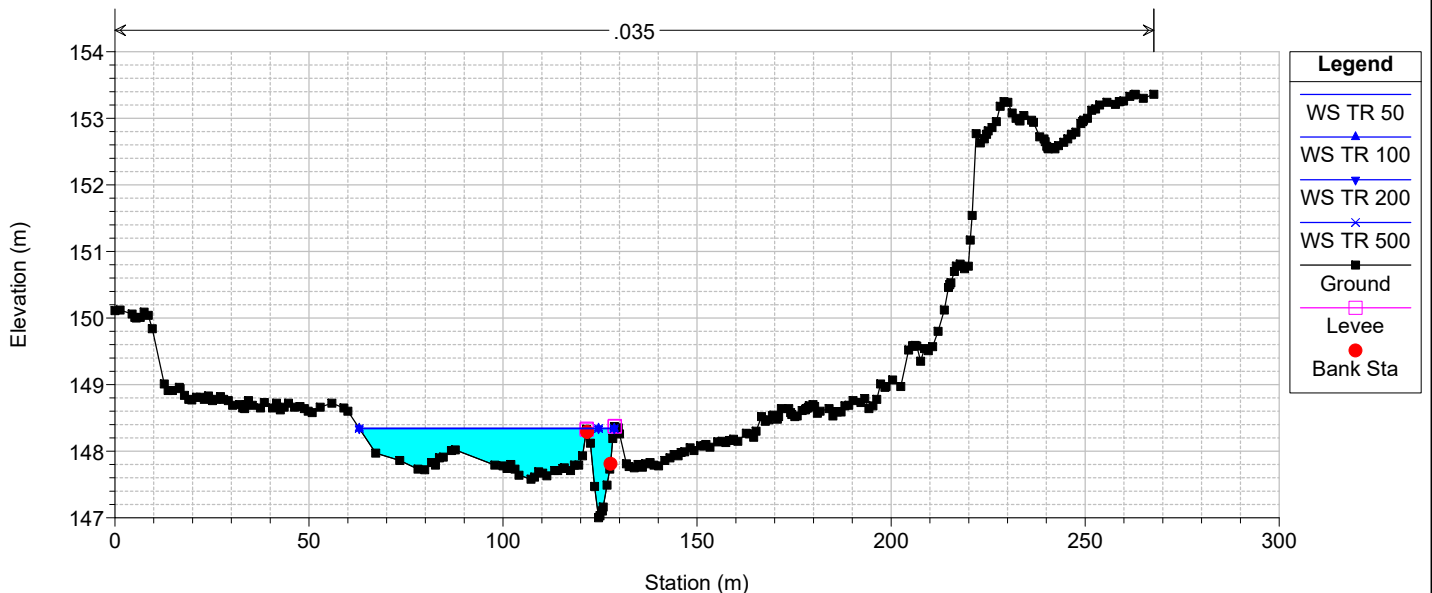
River = piandanna Reach = principale RS = 2027 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



ZONA PIANDANNA Plan: 10022021 2/11/2021

Geom: 09022021 Flow: 10022021

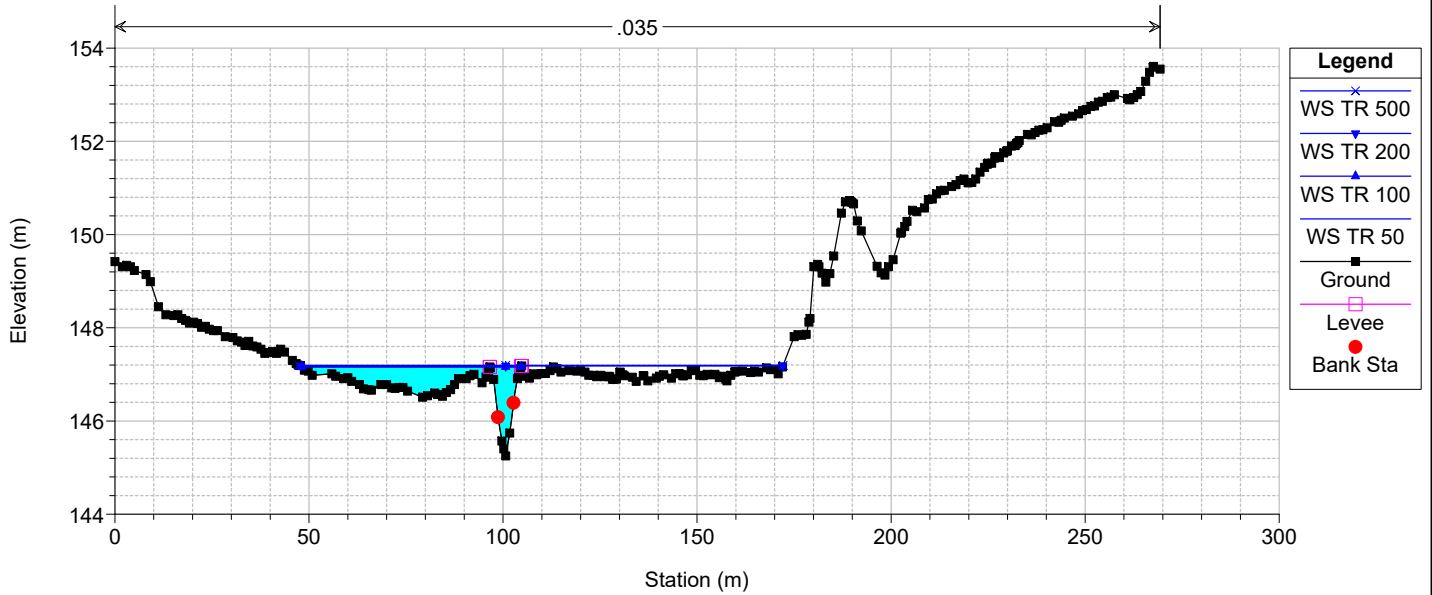
River = piandanna Reach = principale RS = 1939 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



ZONA PIANDANNA Plan: 10022021 2/11/2021

Geom: 09022021 Flow: 10022021

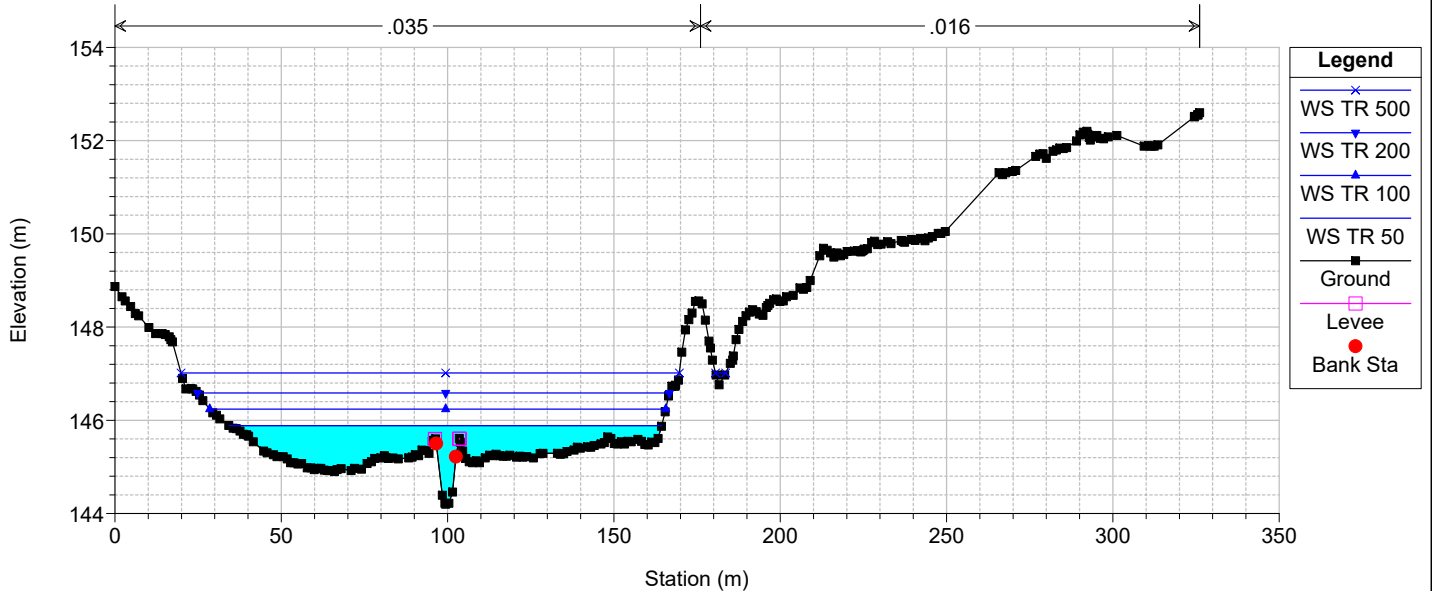
River = piandanna Reach = principale RS = 1842 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



ZONA PIANDANNA Plan: 10022021 2/11/2021

Geom: 09022021 Flow: 10022021

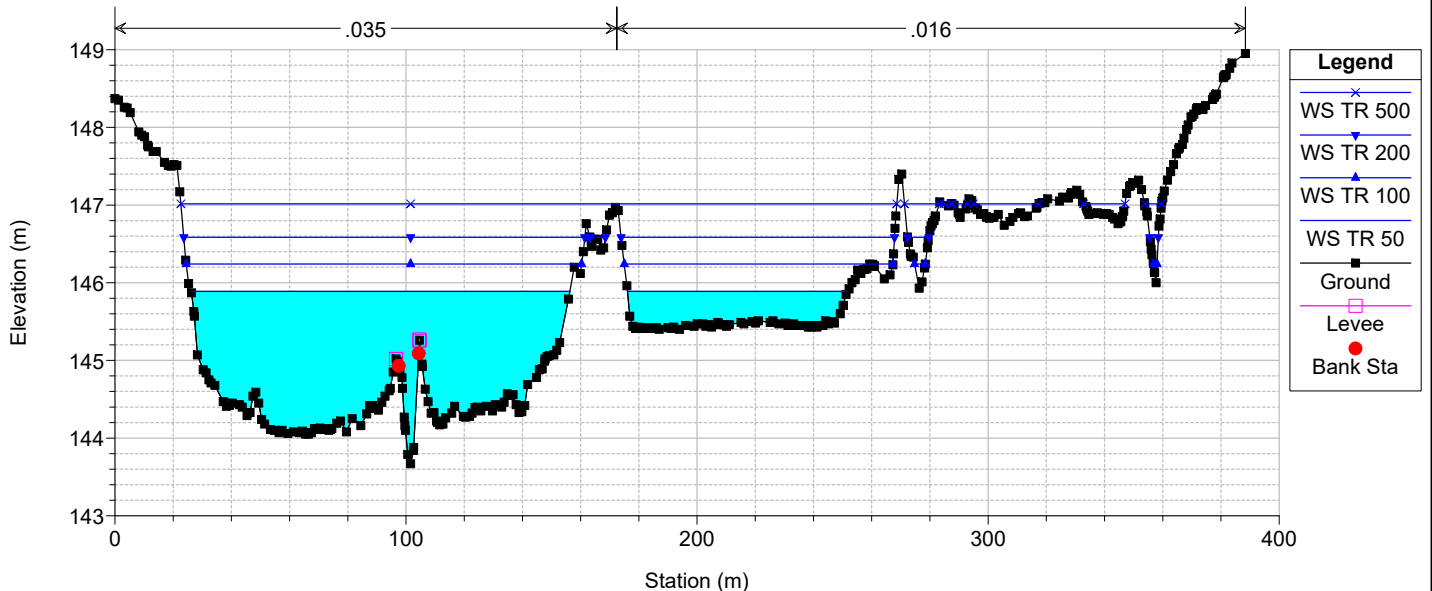
River = piandanna Reach = principale RS = 1758 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



ZONA PIANDANNA Plan: 10022021 2/11/2021

Geom: 09022021 Flow: 10022021

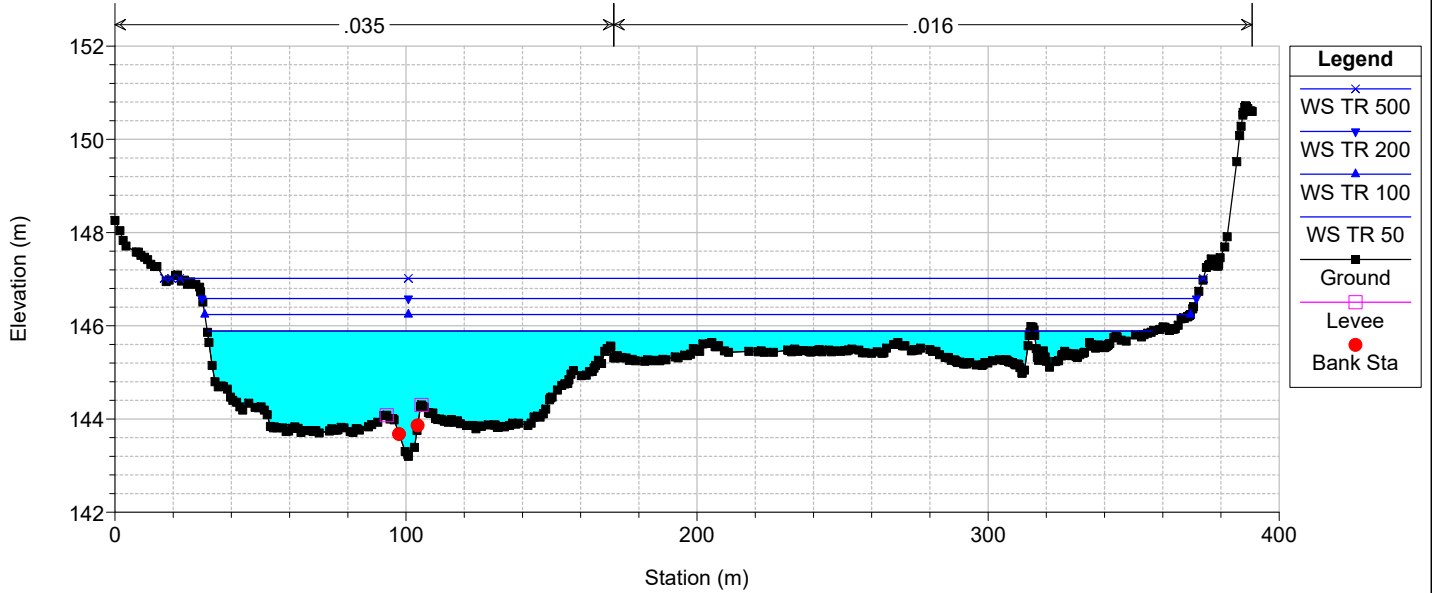
River = piandanna Reach = principale RS = 1710 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



ZONA PIANDANNA Plan: 10022021 2/11/2021

Geom: 09022021 Flow: 10022021

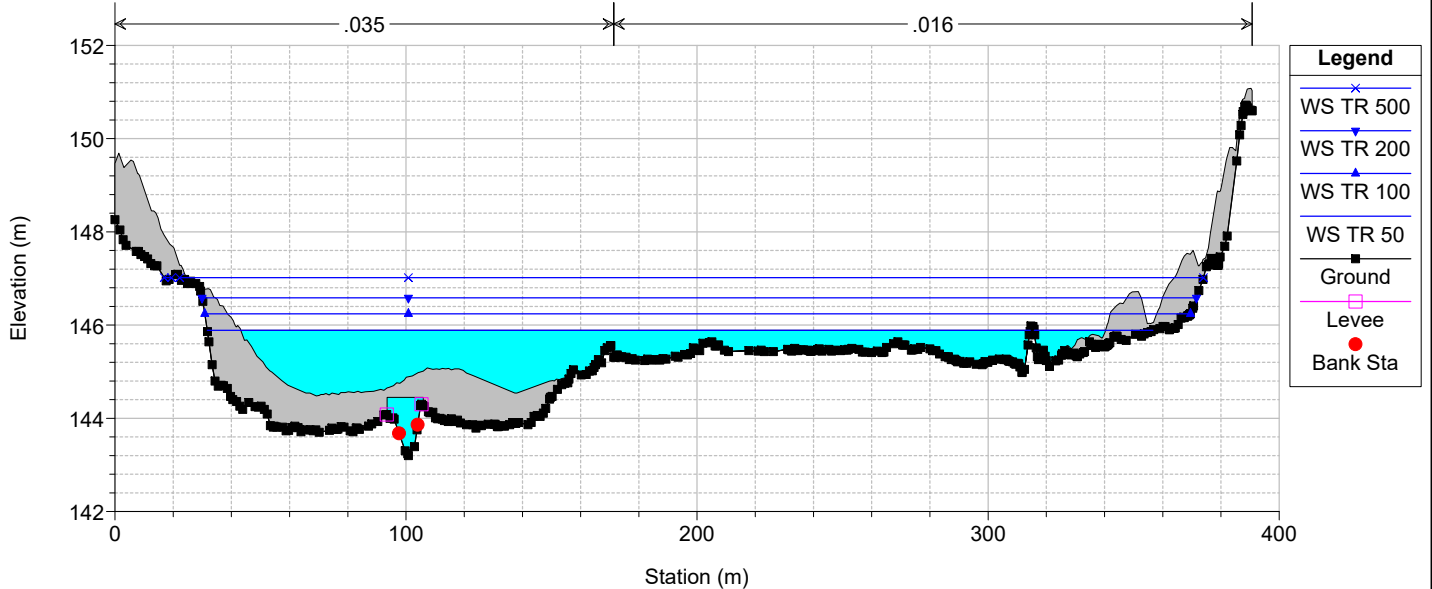
River = piandanna Reach = principale RS = 1668 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



ZONA PIANDANNA Plan: 10022021 2/11/2021

Geom: 09022021 Flow: 10022021

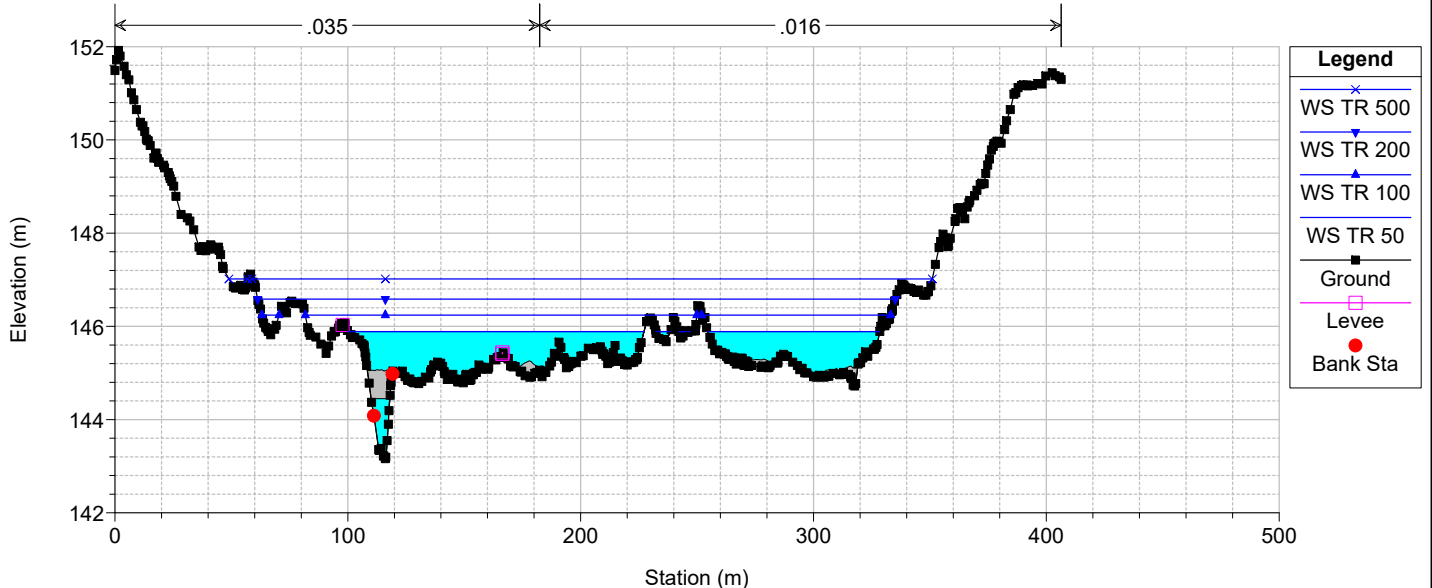
River = piandanna Reach = principale RS = 1657 BR COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



ZONA PIANDANNA Plan: 10022021 2/11/2021

Geom: 09022021 Flow: 10022021

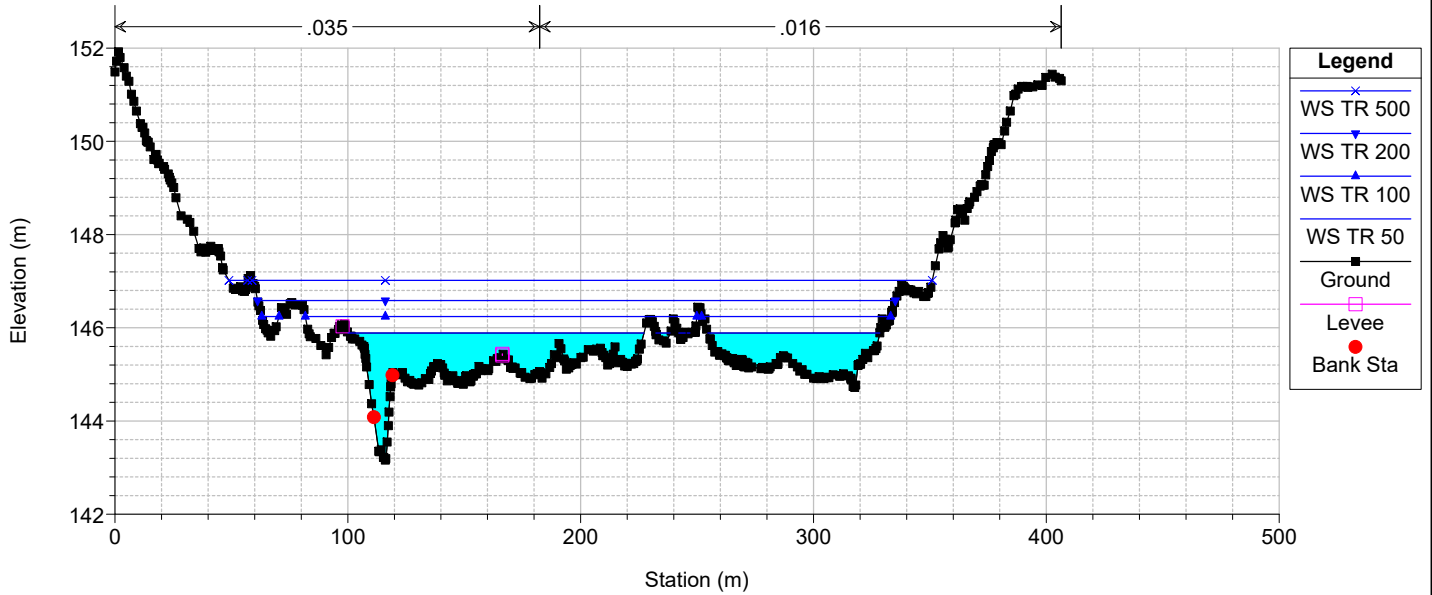
River = piandanna Reach = principale RS = 1657 BR COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



ZONA PIANDANNA Plan: 10022021 2/11/2021

Geom: 09022021 Flow: 10022021

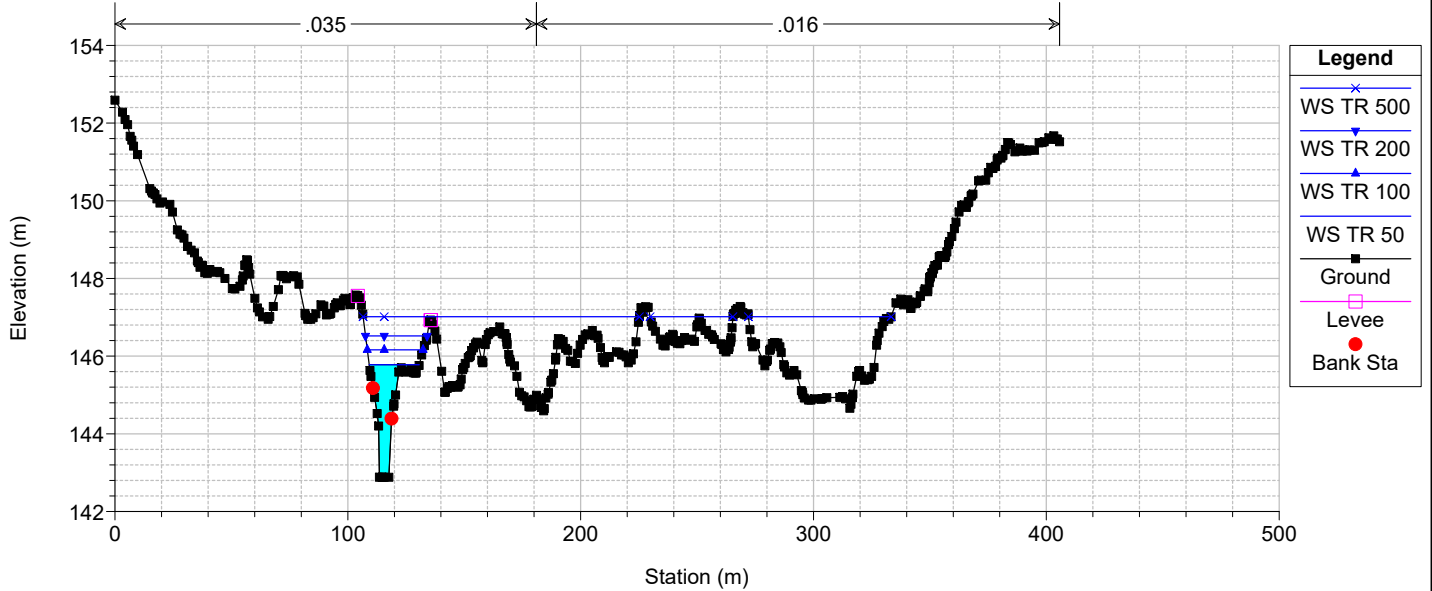
River = piandanna Reach = principale RS = 1649 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



ZONA PIANDANNA Plan: 10022021 2/11/2021

Geom: 09022021 Flow: 10022021

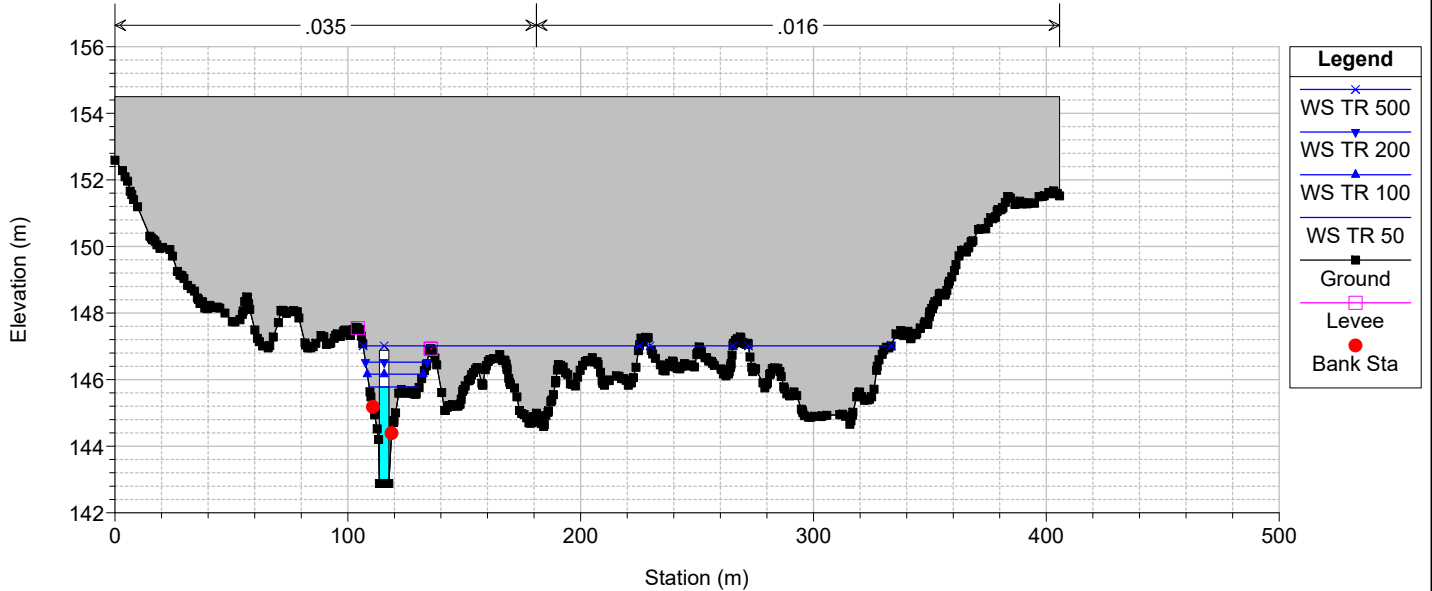
River = piandanna Reach = principale RS = 1645 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



ZONA PIANDANNA Plan: 10022021 2/11/2021

Geom: 09022021 Flow: 10022021

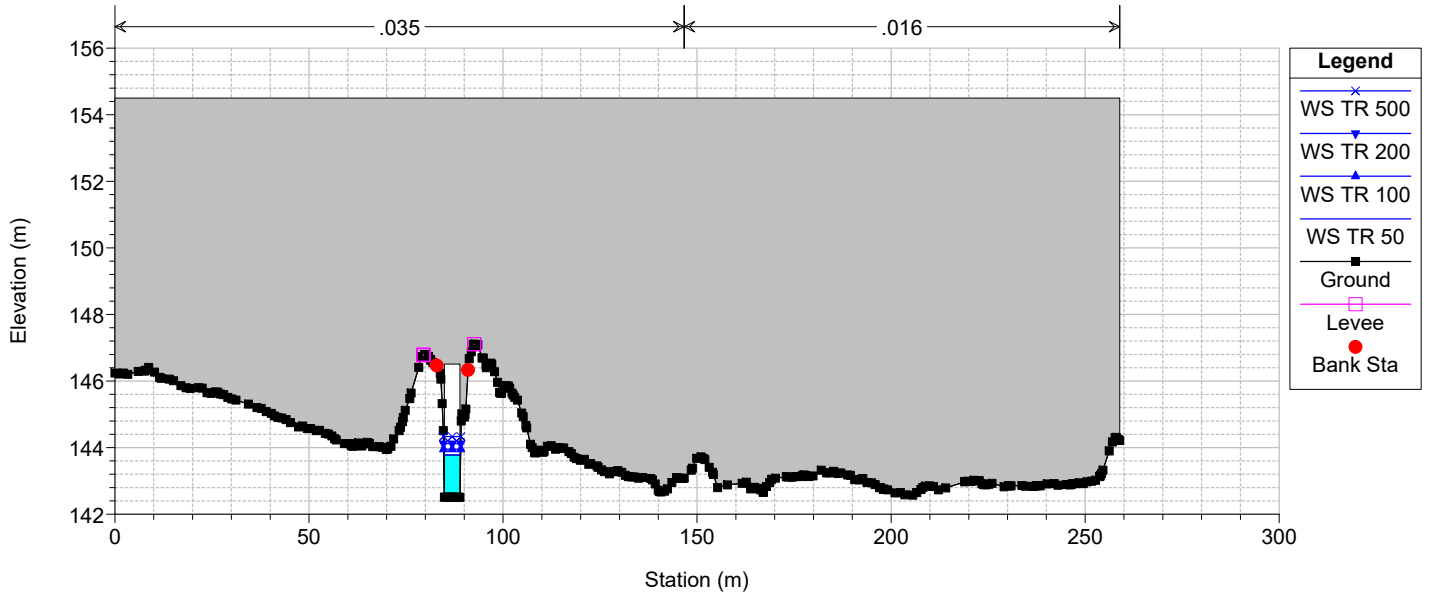
River = piandanna Reach = principale RS = 1620 Culv COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



ZONA PIANDANNA Plan: 10022021 2/11/2021

Geom: 09022021 Flow: 10022021

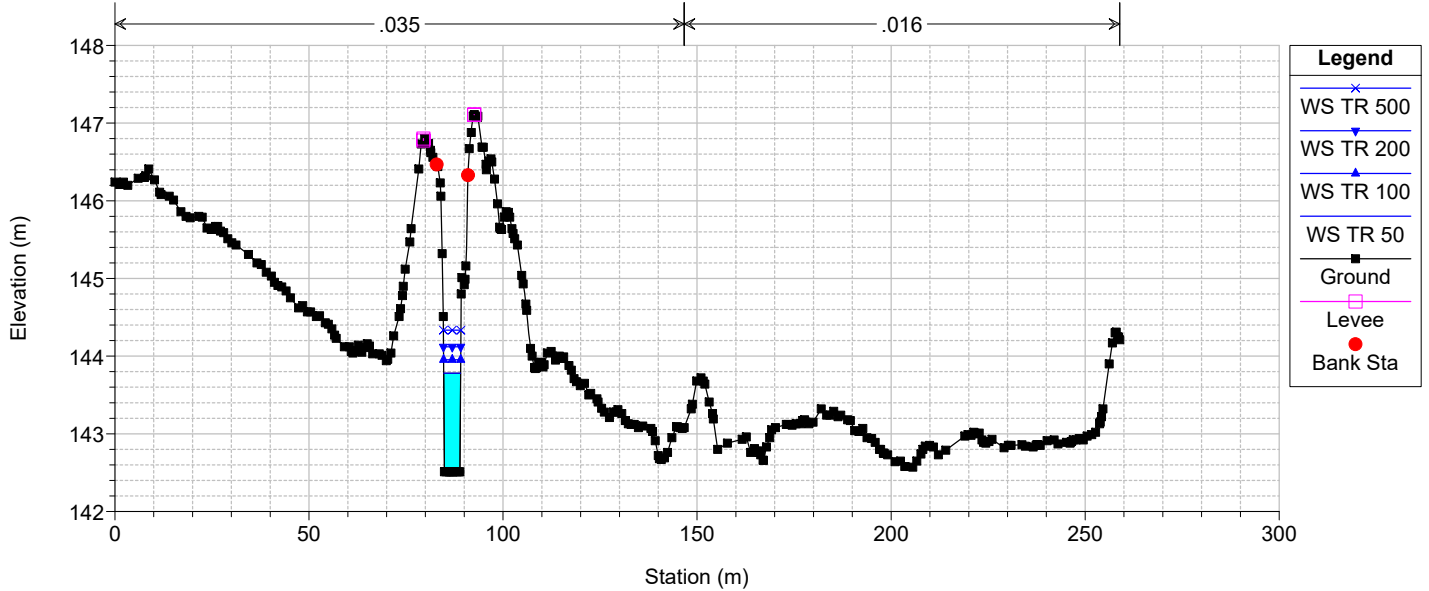
River = piandanna Reach = principale RS = 1620 Culv COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



ZONA PIANDANNA Plan: 10022021 2/11/2021

Geom: 09022021 Flow: 10022021

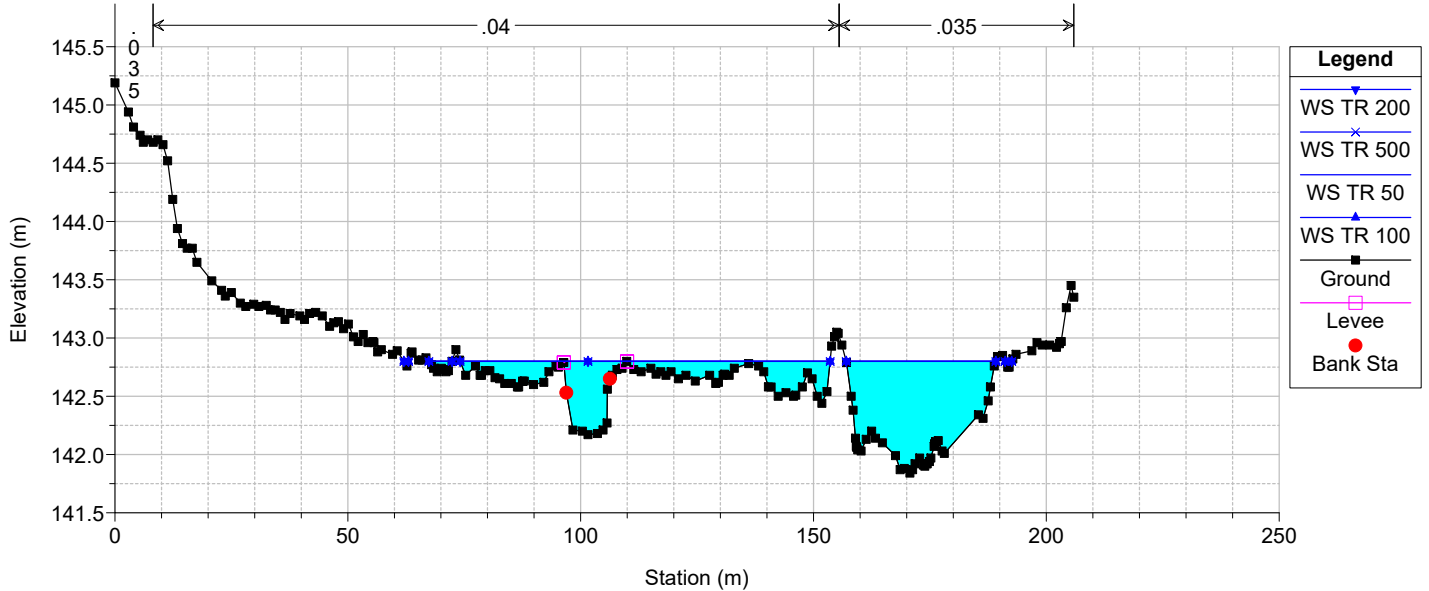
River = piandanna Reach = principale RS = 1603 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



ZONA PIANDANNA Plan: 10022021 2/11/2021

Geom: 09022021 Flow: 10022021

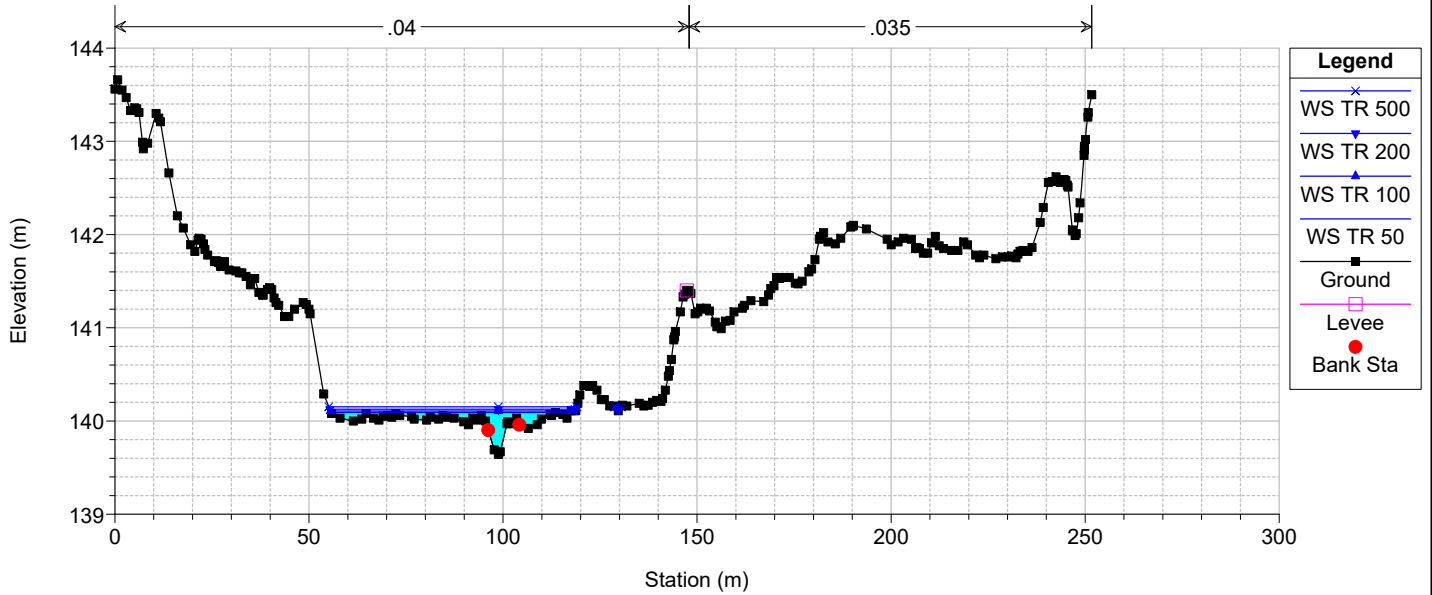
River = piandanna Reach = principale RS = 1566 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



ZONA PIANDANNA Plan: 10022021 2/11/2021

Geom: 09022021 Flow: 10022021

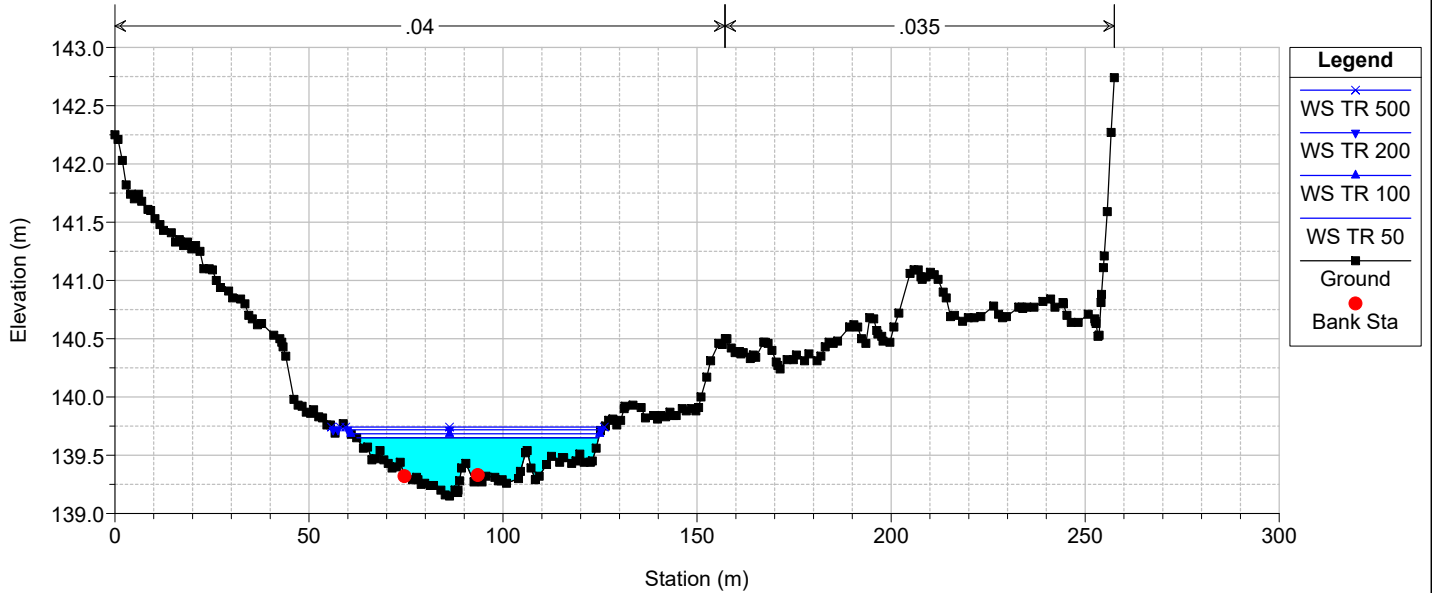
River = piandanna Reach = principale RS = 1506 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



ZONA PIANDANNA Plan: 10022021 2/11/2021

Geom: 09022021 Flow: 10022021

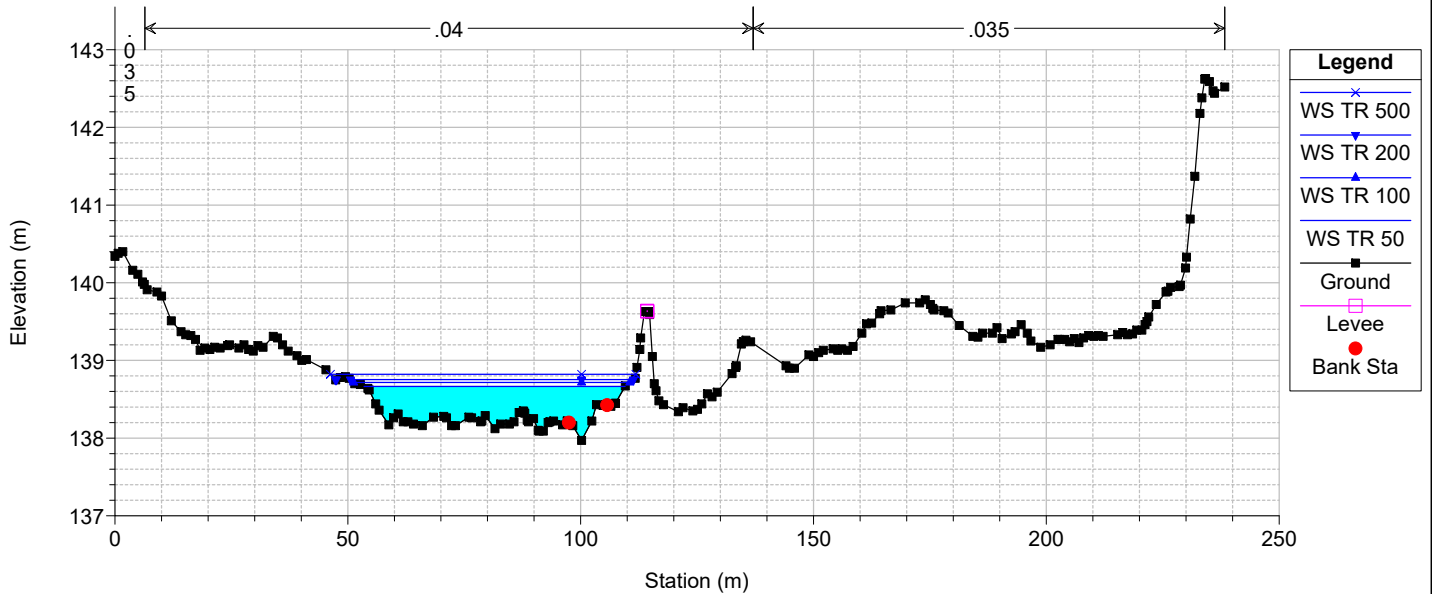
River = piandanna Reach = principale RS = 1457 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



ZONA PIANDANNA Plan: 10022021 2/11/2021

Geom: 09022021 Flow: 10022021

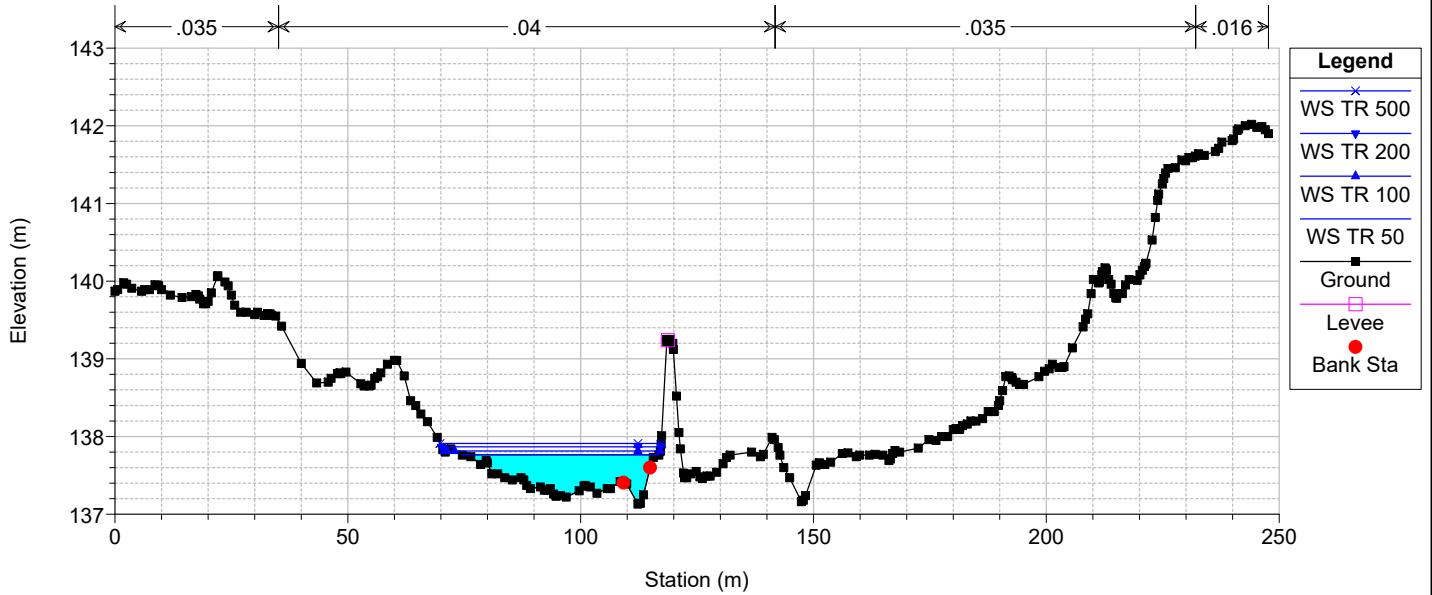
River = piandanna Reach = principale RS = 1407 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



ZONA PIANDANNA Plan: 10022021 2/11/2021

Geom: 09022021 Flow: 10022021

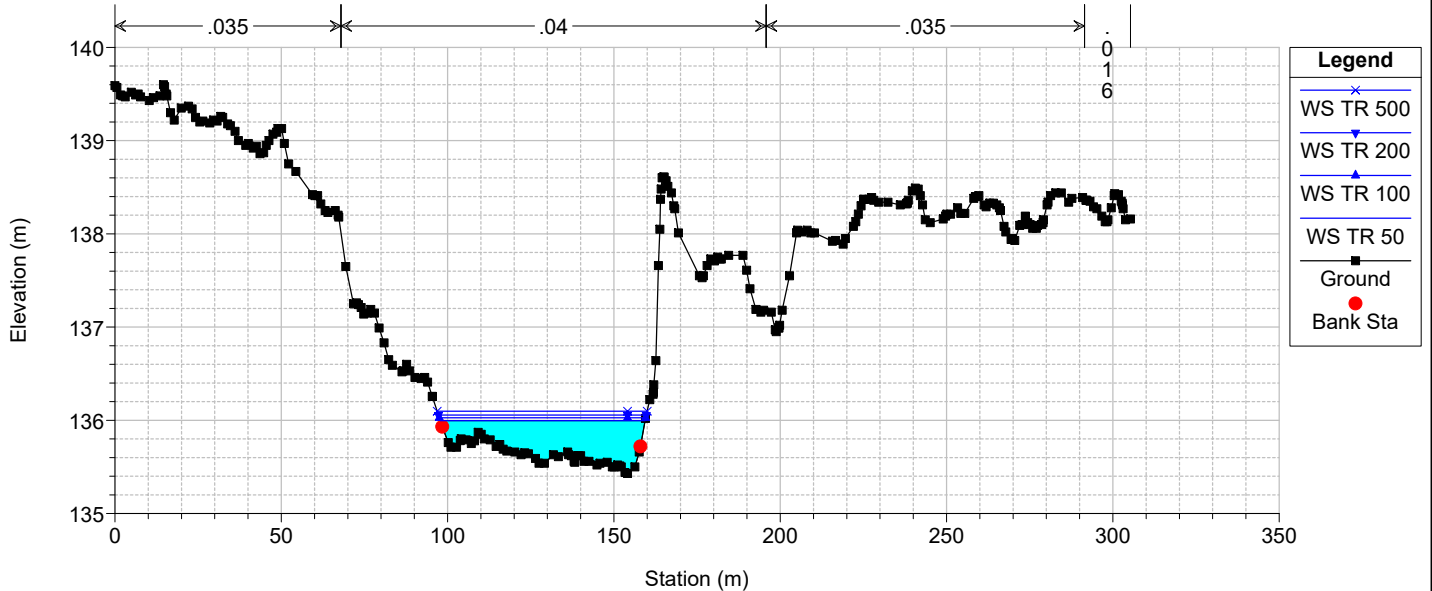
River = piandanna Reach = principale RS = 1337 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



ZONA PIANDANNA Plan: 10022021 2/11/2021

Geom: 09022021 Flow: 10022021

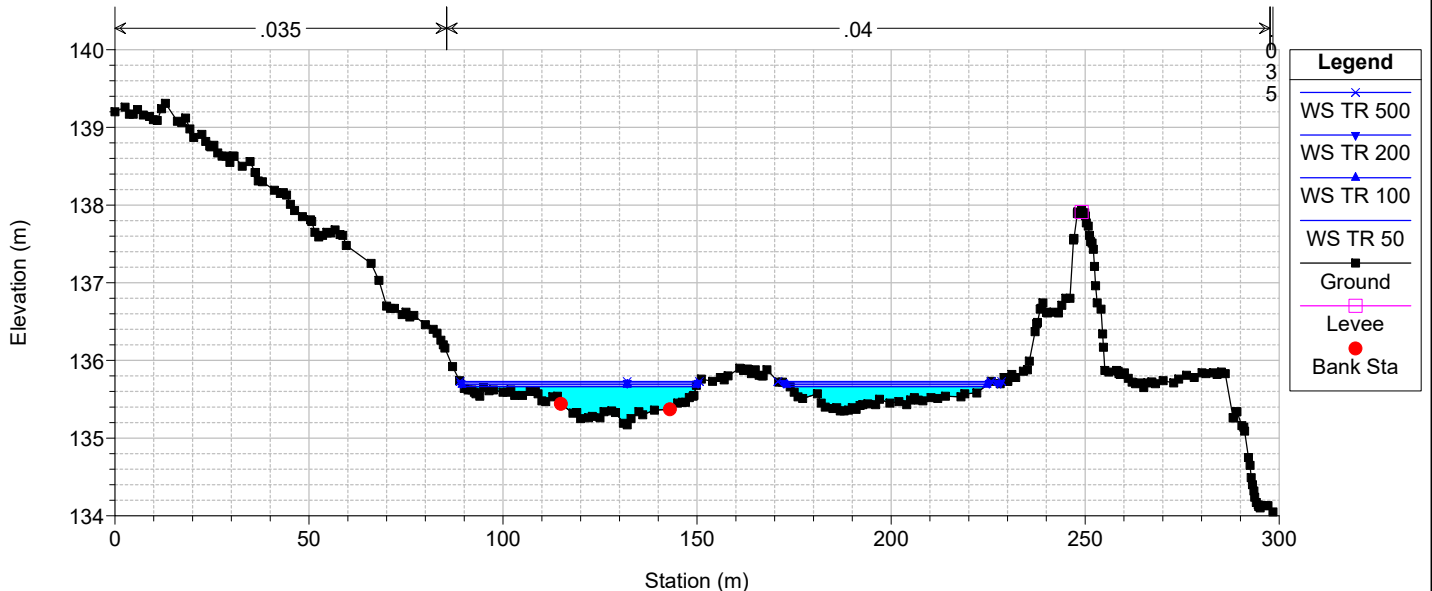
River = piandanna Reach = principale RS = 1254 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



ZONA PIANDANNA Plan: 10022021 2/11/2021

Geom: 09022021 Flow: 10022021

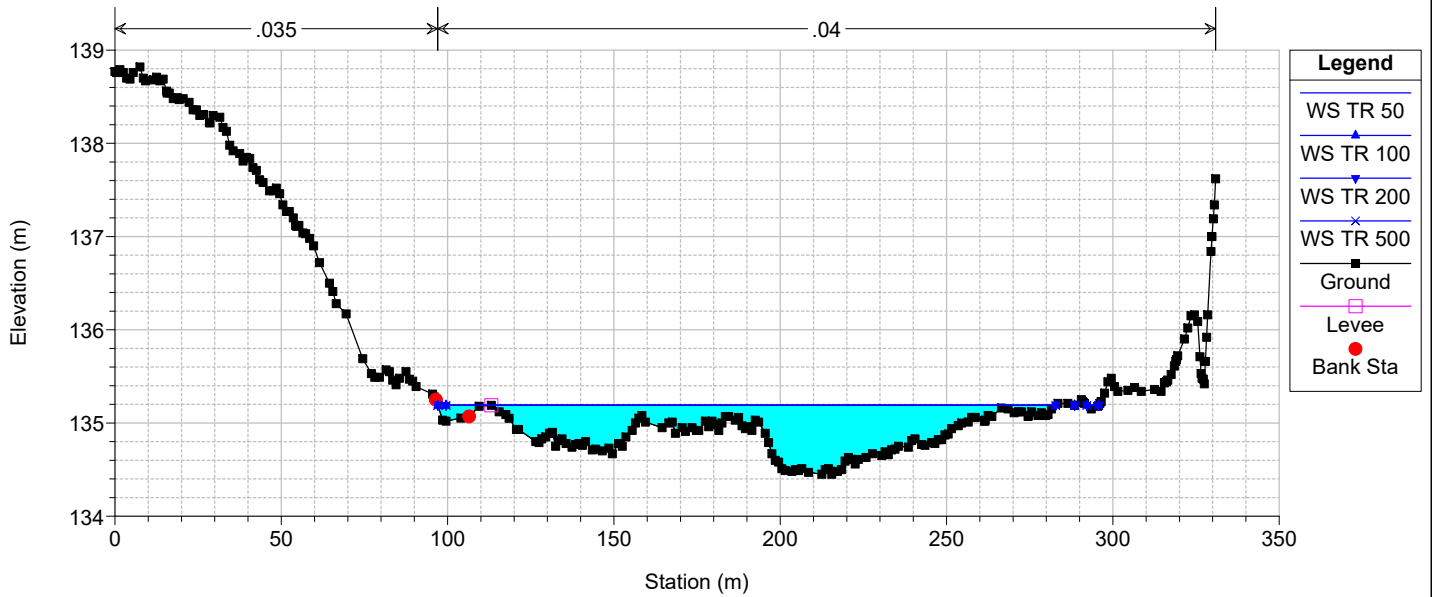
River = piandanna Reach = principale RS = 1229 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



ZONA PIANDANNA Plan: 10022021 2/11/2021

Geom: 09022021 Flow: 10022021

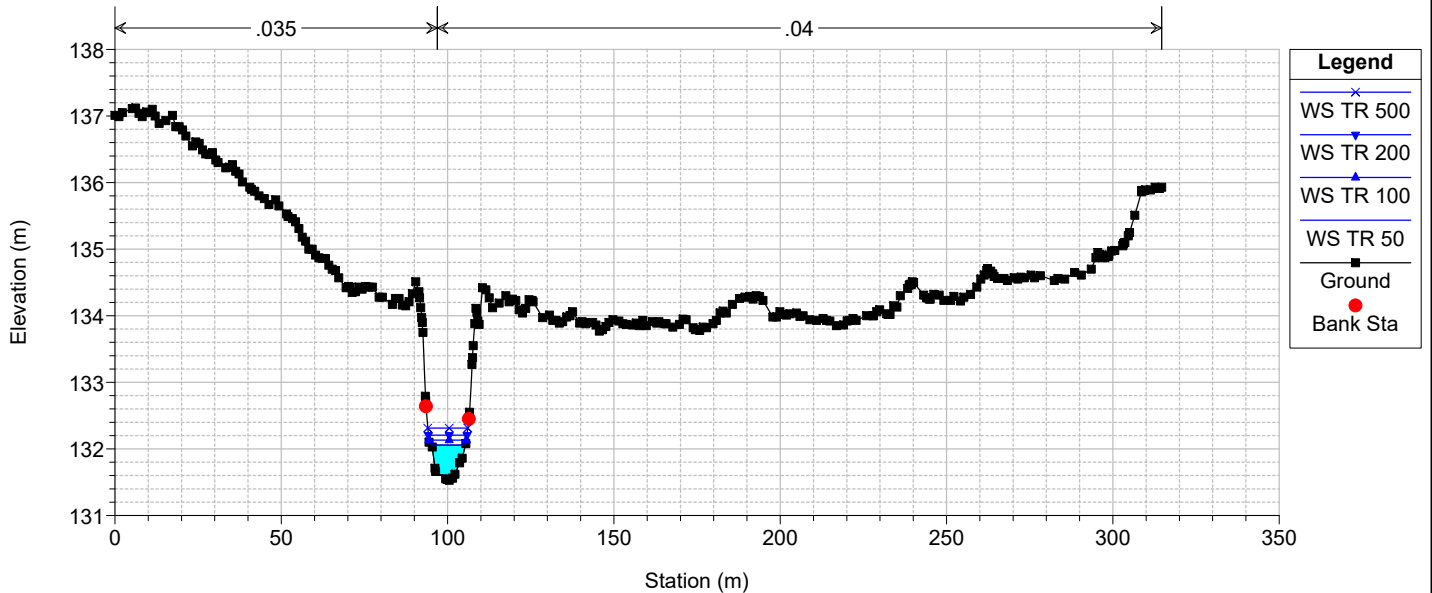
River = piandanna Reach = principale RS = 1200 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



ZONA PIANDANNA Plan: 10022021 2/11/2021

Geom: 09022021 Flow: 10022021

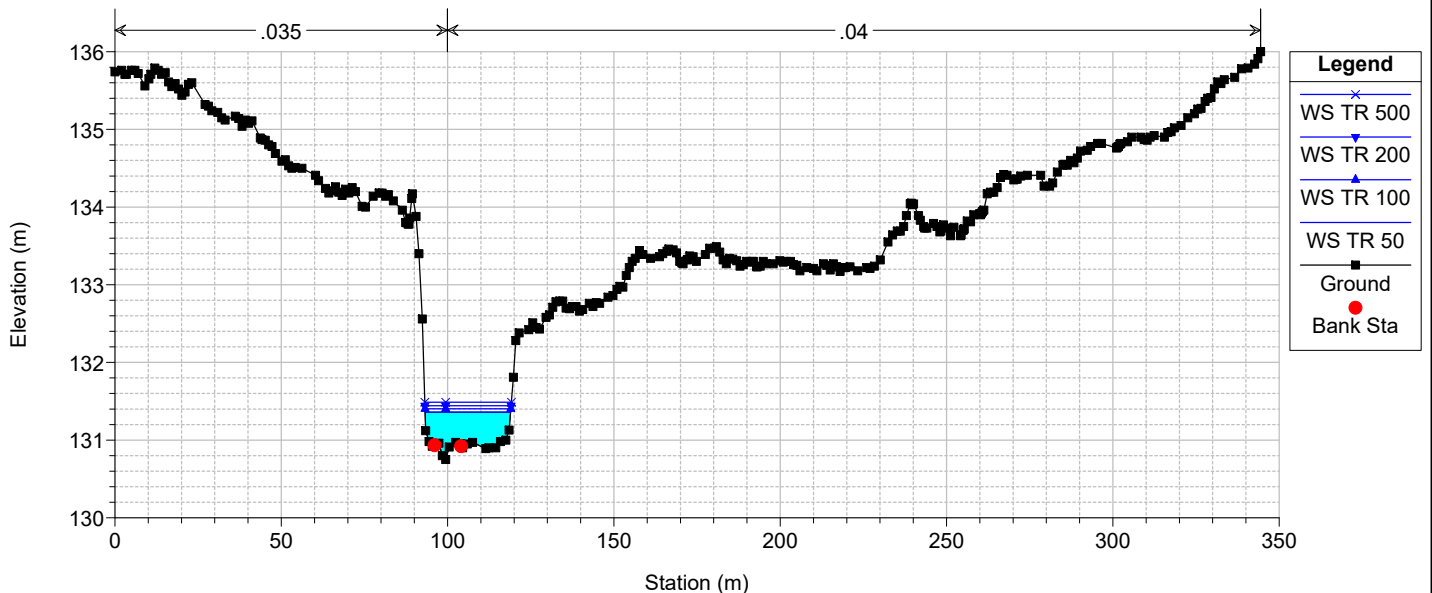
River = piandanna Reach = principale RS = 1163 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



ZONA PIANDANNA Plan: 10022021 2/11/2021

Geom: 09022021 Flow: 10022021

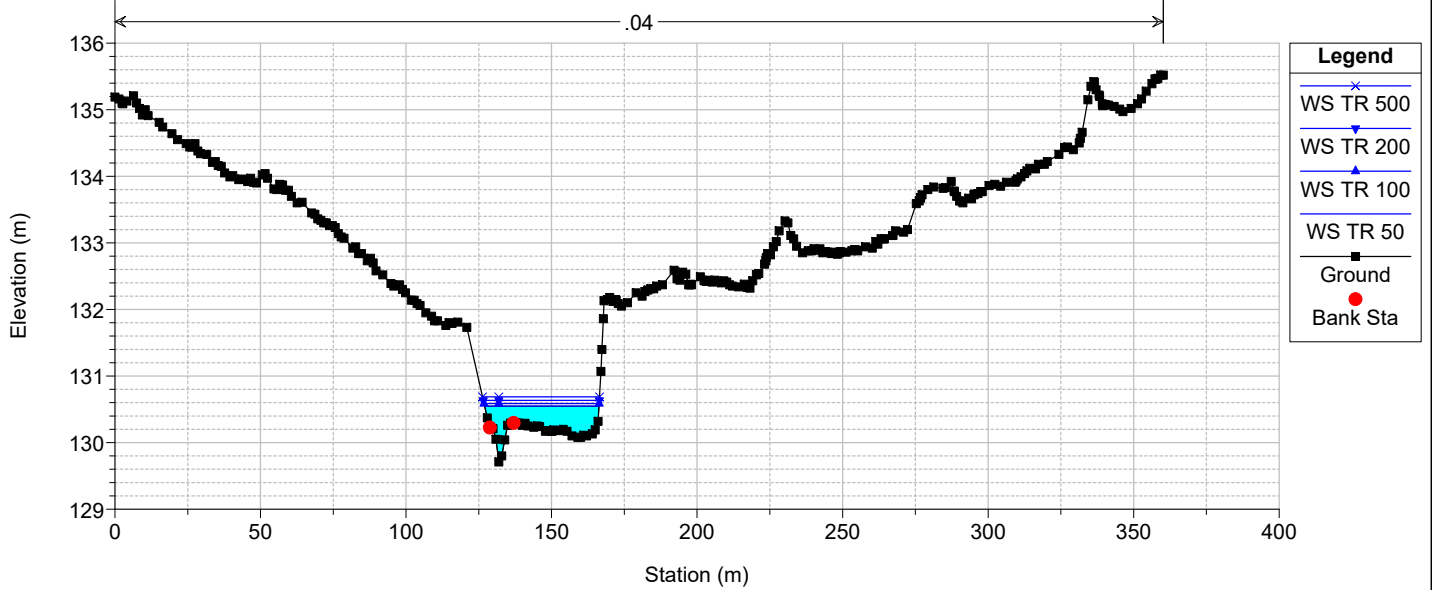
River = piandanna Reach = principale RS = 1130 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



ZONA PIANDANNA Plan: 10022021 2/11/2021

Geom: 09022021 Flow: 10022021

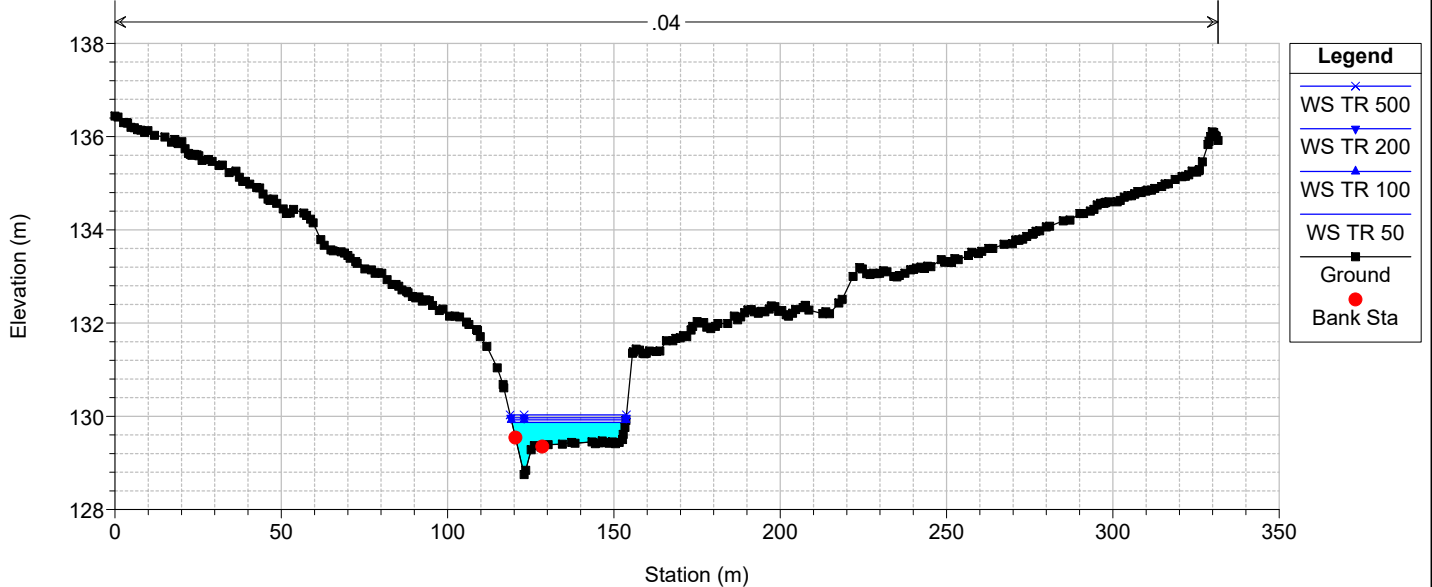
River = piandanna Reach = principale RS = 1080 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



ZONA PIANDANNA Plan: 10022021 2/11/2021

Geom: 09022021 Flow: 10022021

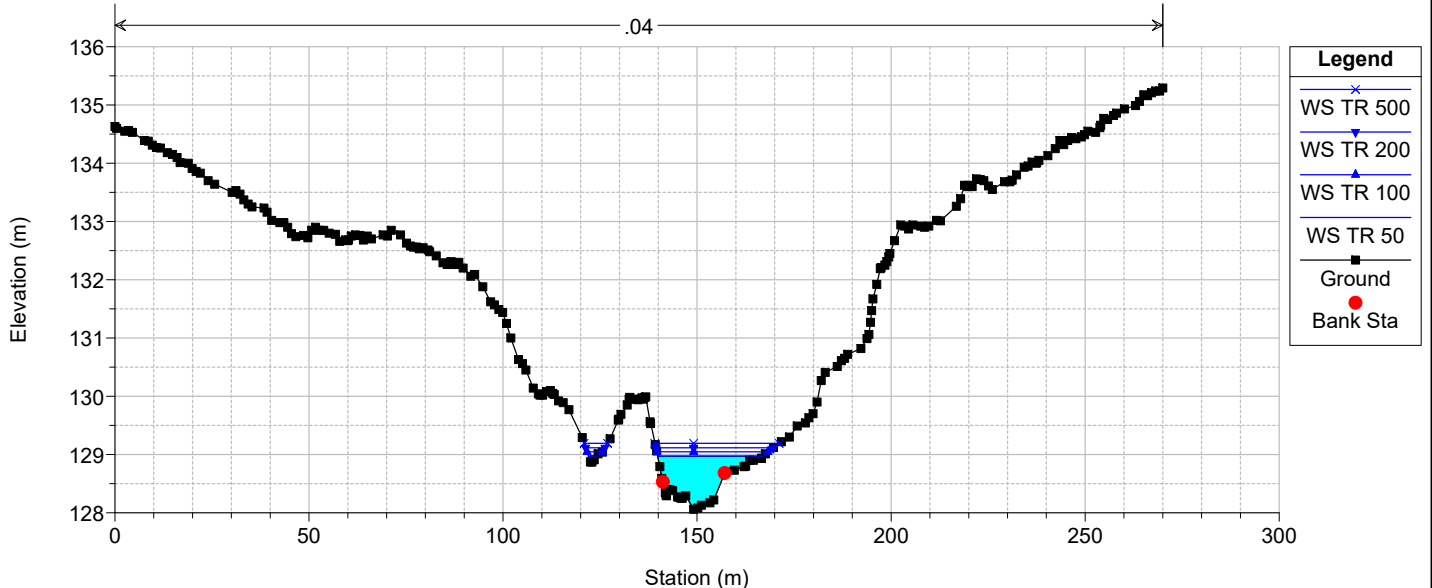
River = piandanna Reach = principale RS = 1034 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



ZONA PIANDANNA Plan: 10022021 2/11/2021

Geom: 09022021 Flow: 10022021

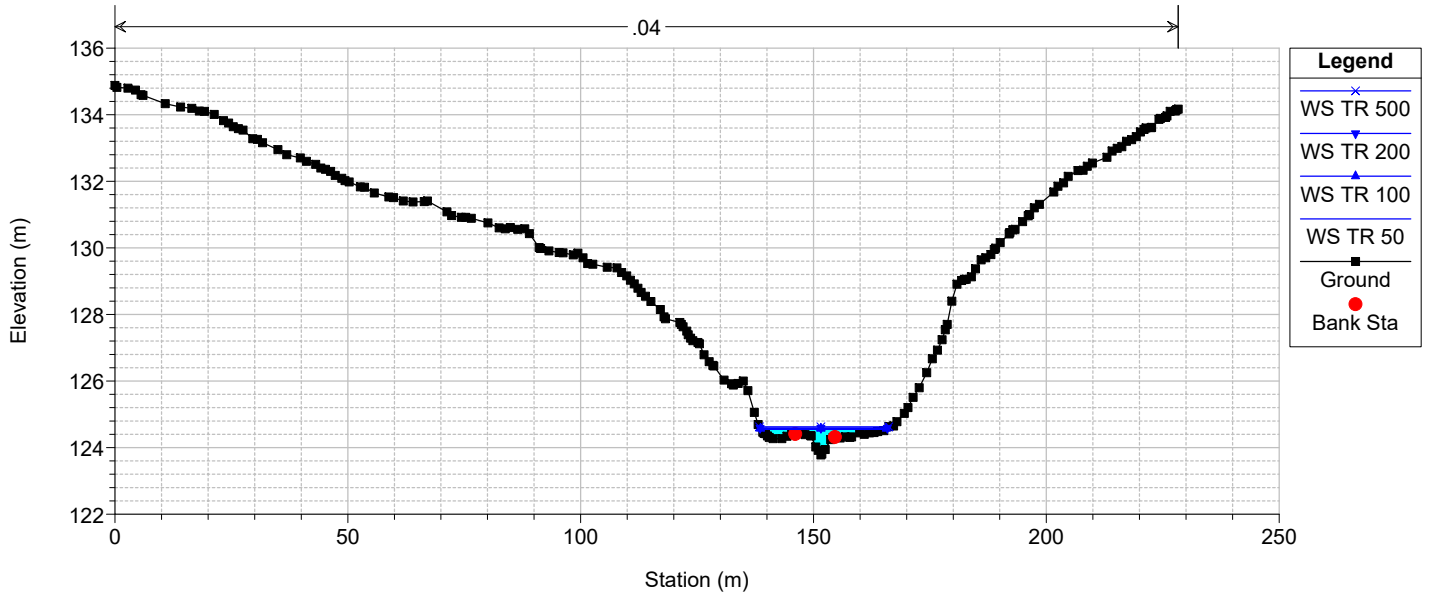
River = piandanna Reach = principale RS = 968 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



ZONA PIANDANNA Plan: 10022021 2/11/2021

Geom: 09022021 Flow: 10022021

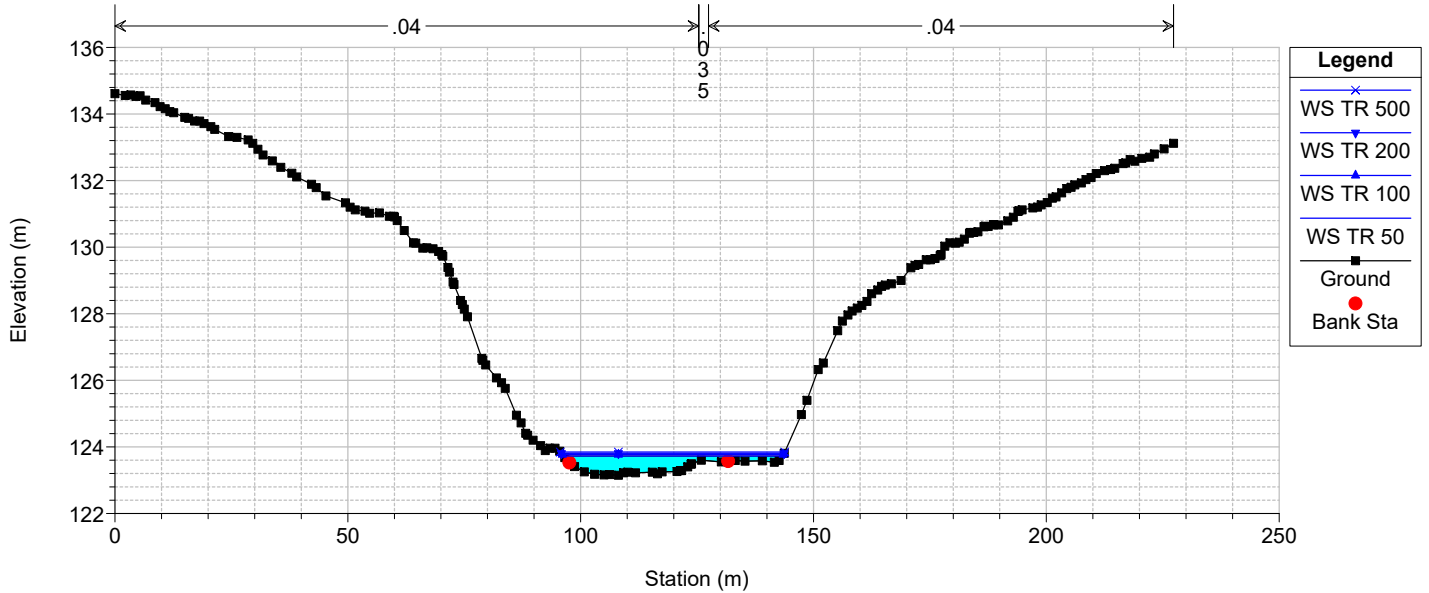
River = piandanna Reach = principale RS = 868 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



ZONA PIANDANNA Plan: 10022021 2/11/2021

Geom: 09022021 Flow: 10022021

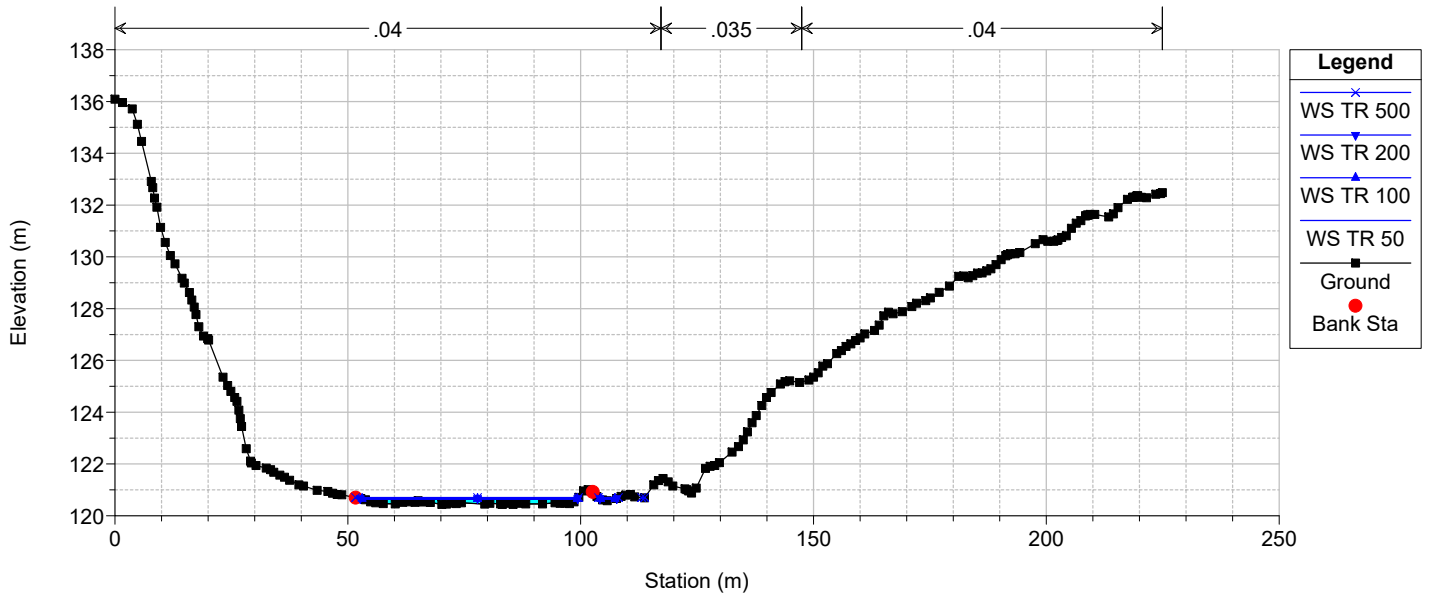
River = piandanna Reach = principale RS = 824 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



ZONA PIANDANNA Plan: 10022021 2/11/2021

Geom: 09022021 Flow: 10022021

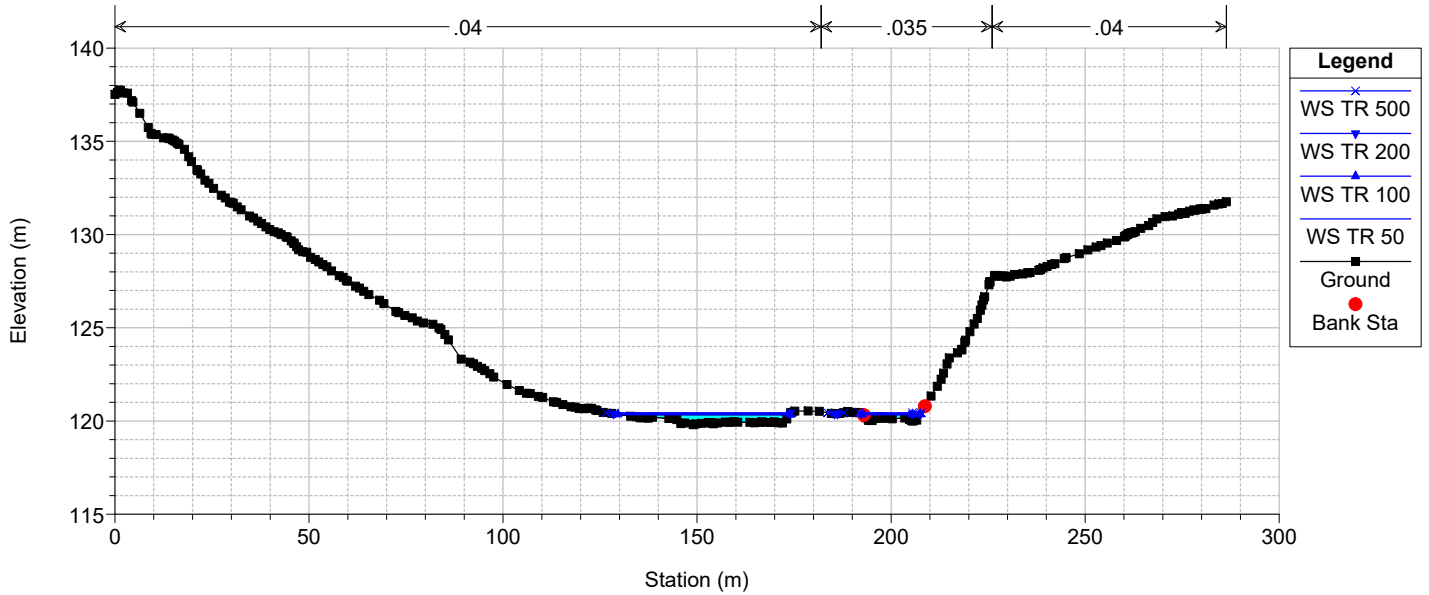
River = piandanna Reach = principale RS = 771 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



ZONA PIANDANNA Plan: 10022021 2/11/2021

Geom: 09022021 Flow: 10022021

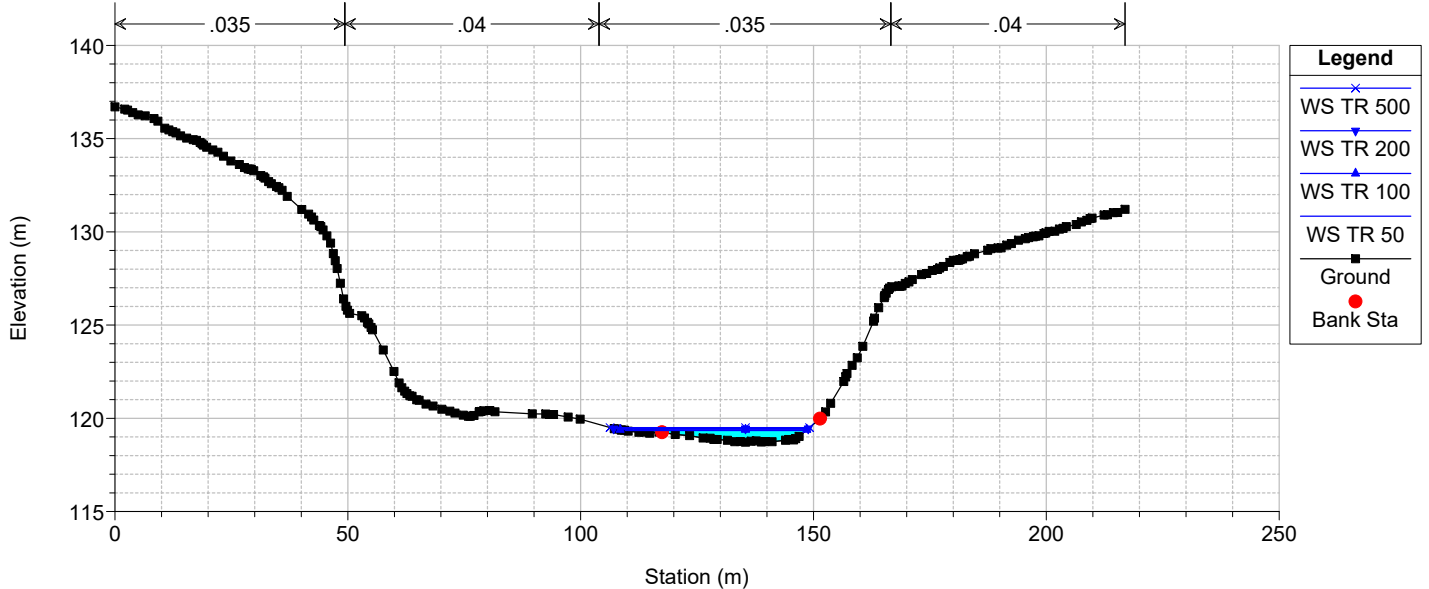
River = piandanna Reach = principale RS = 736 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



ZONA PIANDANNA Plan: 10022021 2/11/2021

Geom: 09022021 Flow: 10022021

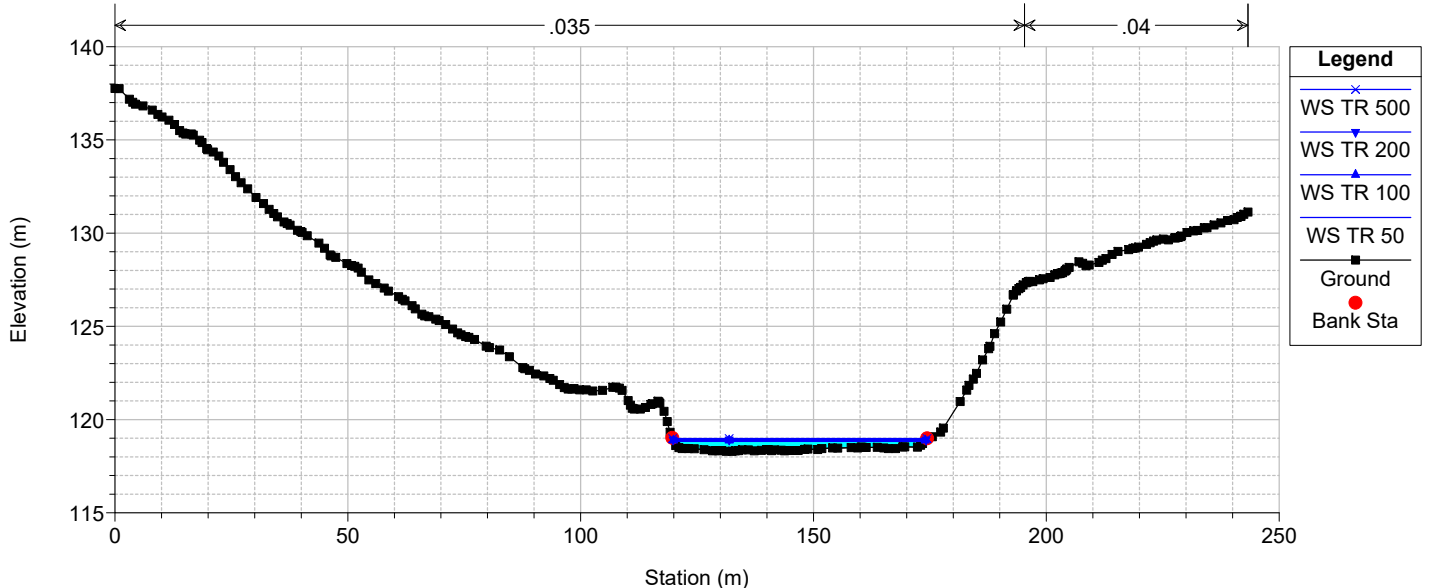
River = piandanna Reach = principale RS = 682 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



ZONA PIANDANNA Plan: 10022021 2/11/2021

Geom: 09022021 Flow: 10022021

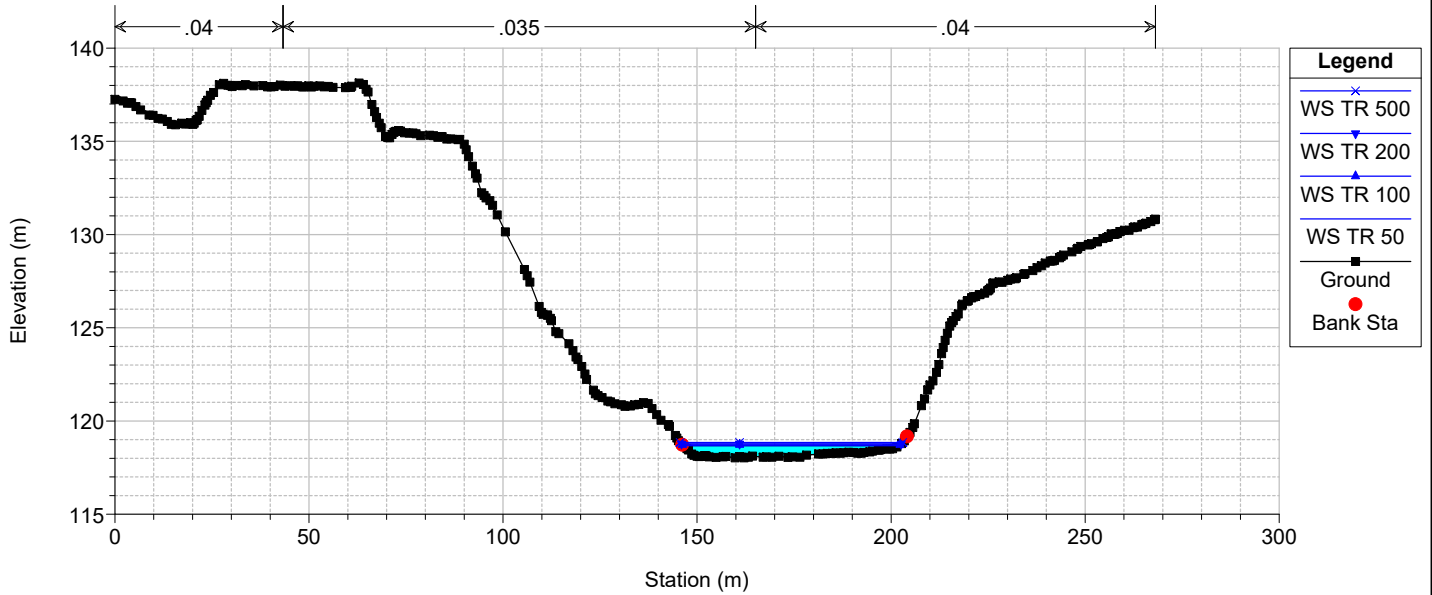
River = piandanna Reach = principale RS = 631 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



ZONA PIANDANNA Plan: 10022021 2/11/2021

Geom: 09022021 Flow: 10022021

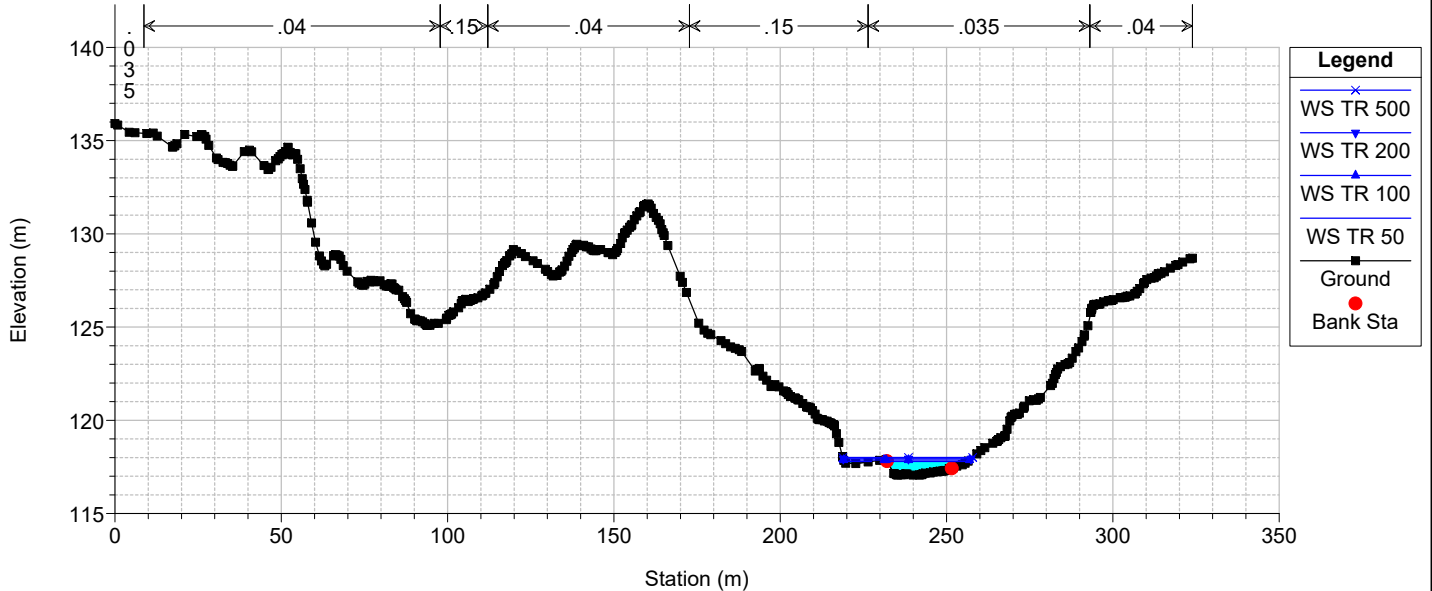
River = piandanna Reach = principale RS = 597 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



ZONA PIANDANNA Plan: 10022021 2/11/2021

Geom: 09022021 Flow: 10022021

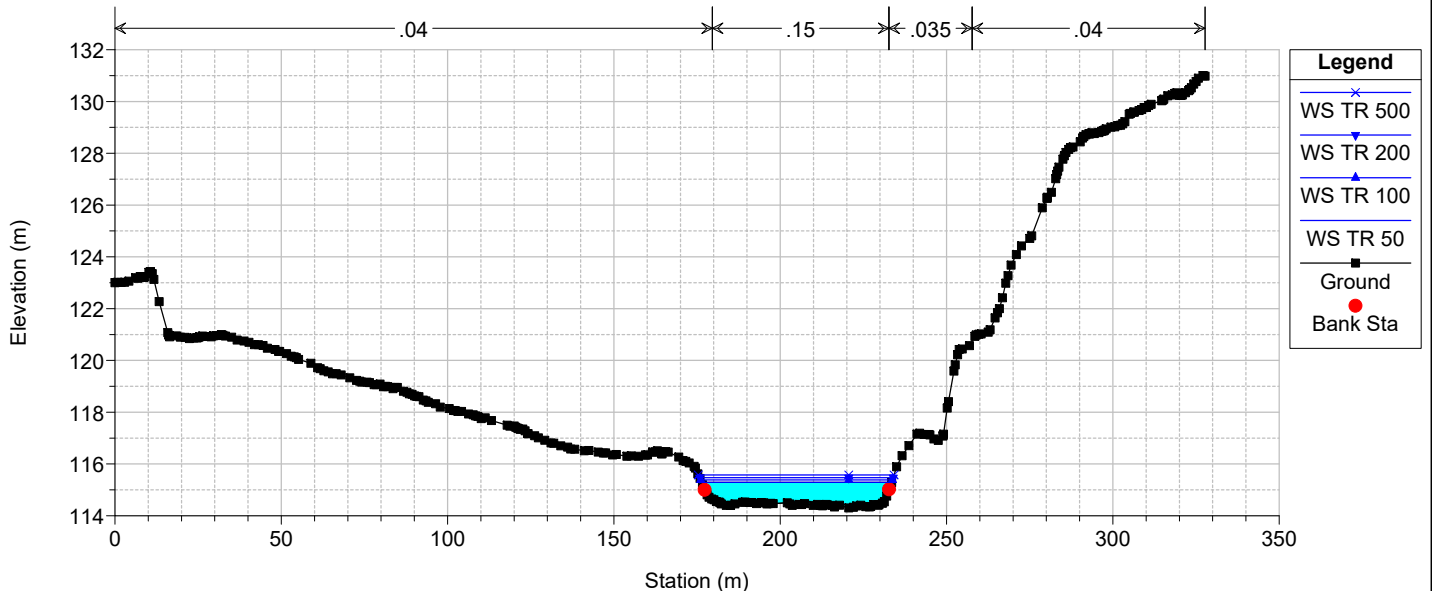
River = piandanna Reach = principale RS = 500 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



ZONA PIANDANNA Plan: 10022021 2/11/2021

Geom: 09022021 Flow: 10022021

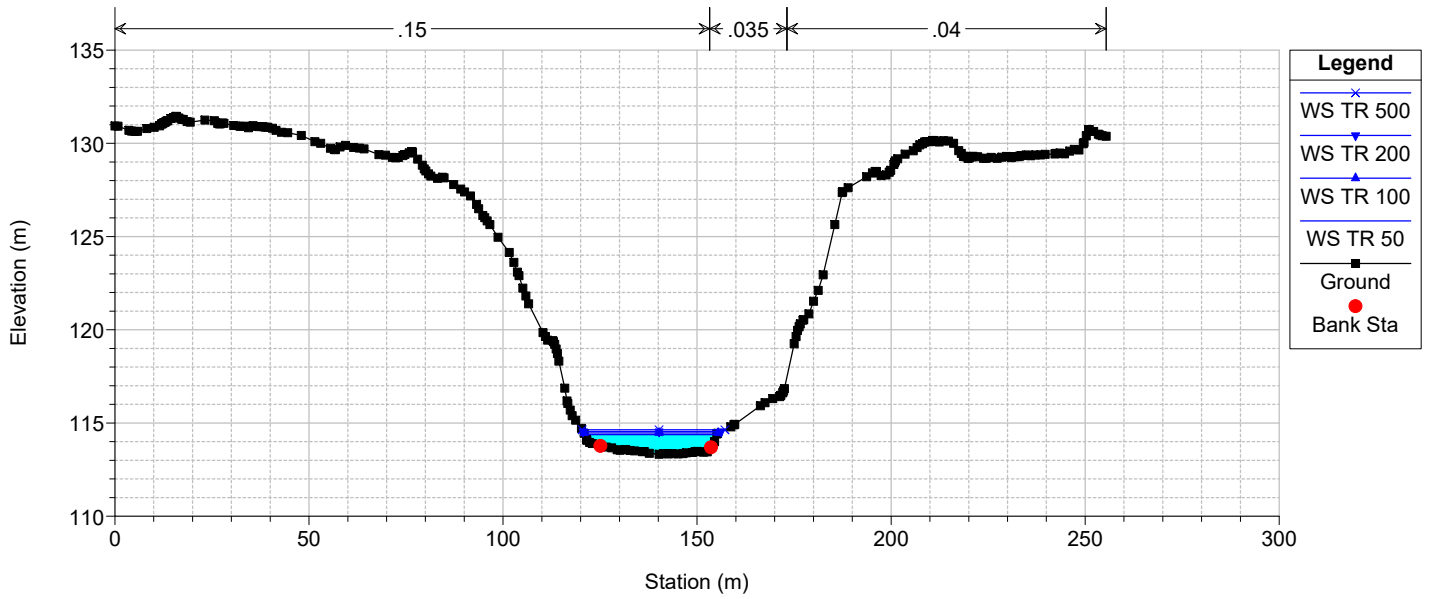
River = piandanna Reach = principale RS = 417 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



ZONA PIANDANNA Plan: 10022021 2/11/2021

Geom: 09022021 Flow: 10022021

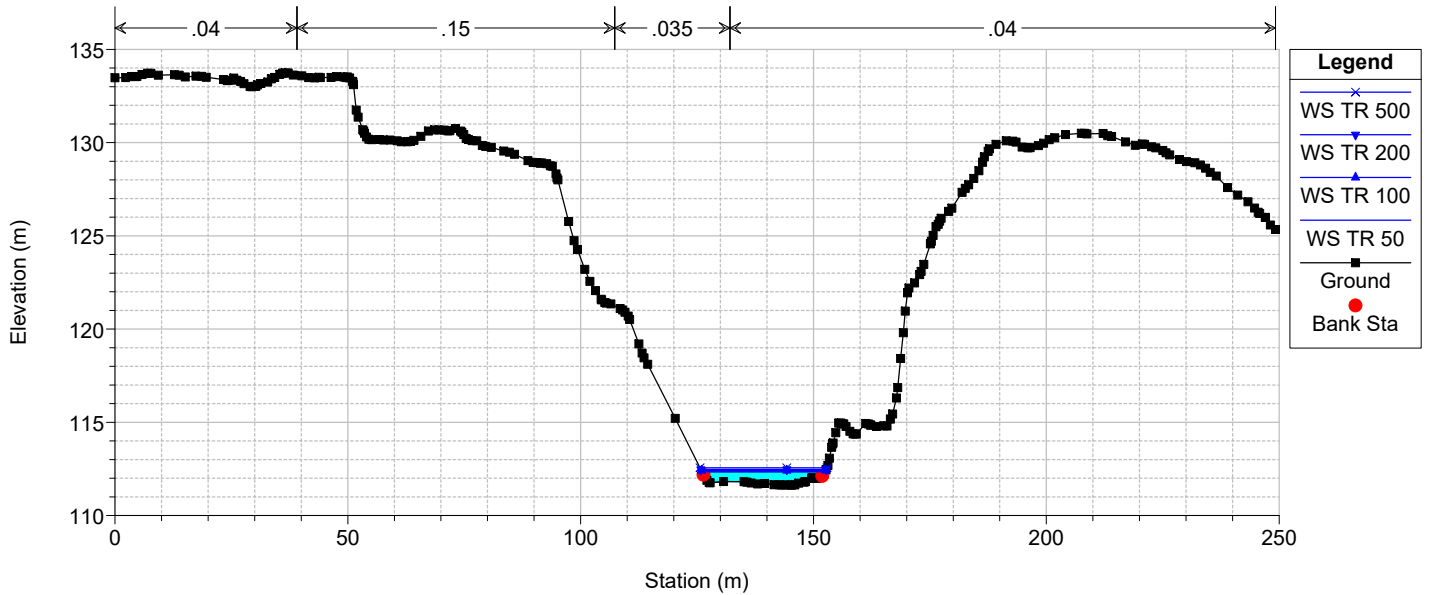
River = piandanna Reach = principale RS = 370 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



ZONA PIANDANNA Plan: 10022021 2/11/2021

Geom: 09022021 Flow: 10022021

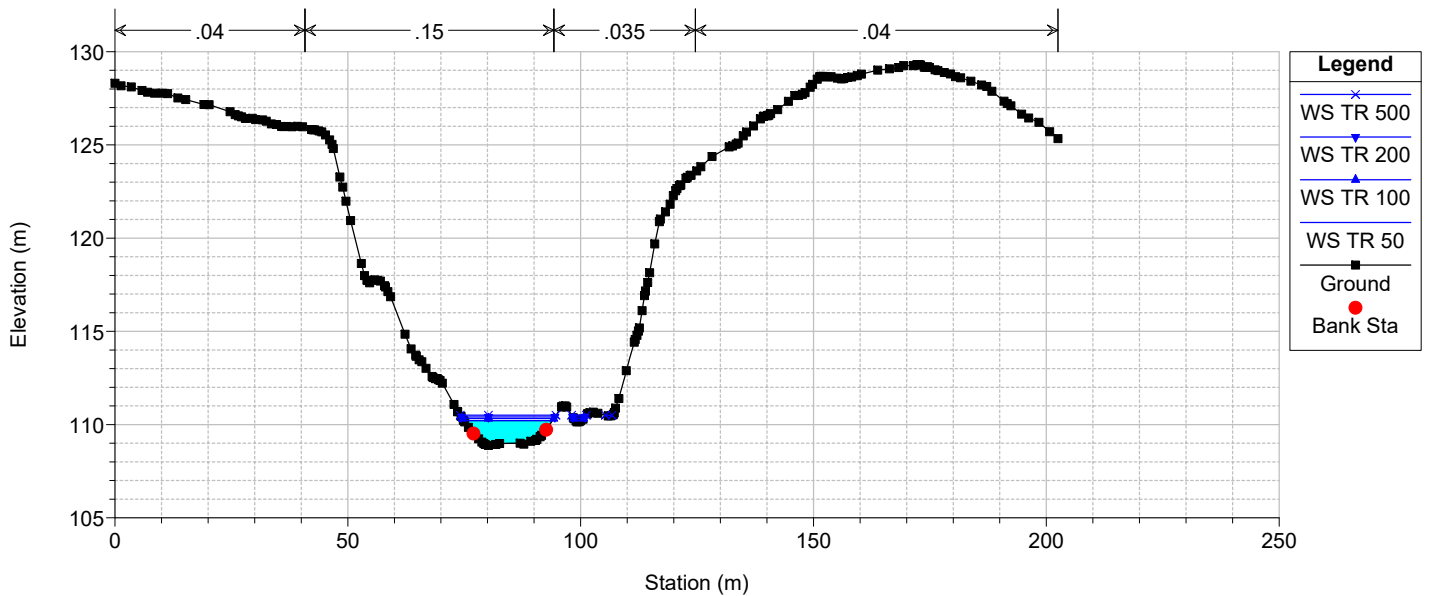
River = piandanna Reach = principale RS = 294 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



ZONA PIANDANNA Plan: 10022021 2/11/2021

Geom: 09022021 Flow: 10022021

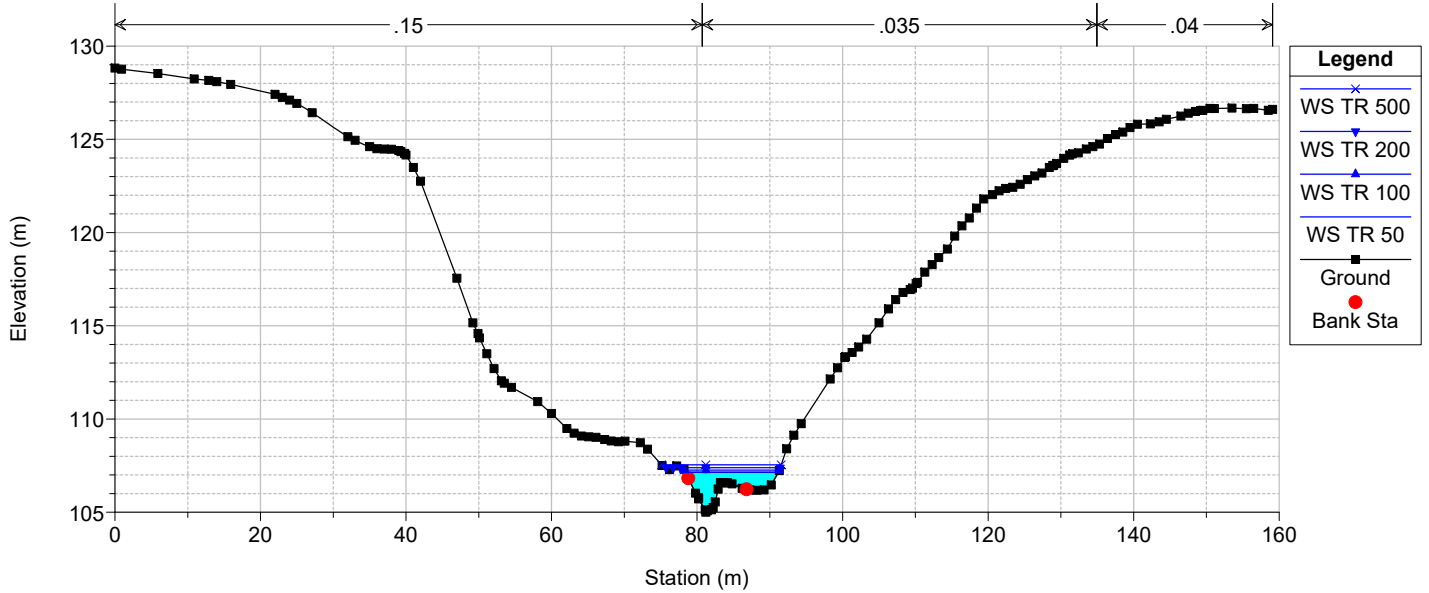
River = piandanna Reach = principale RS = 222 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



ZONA PIANDANNA Plan: 10022021 2/11/2021

Geom: 09022021 Flow: 10022021

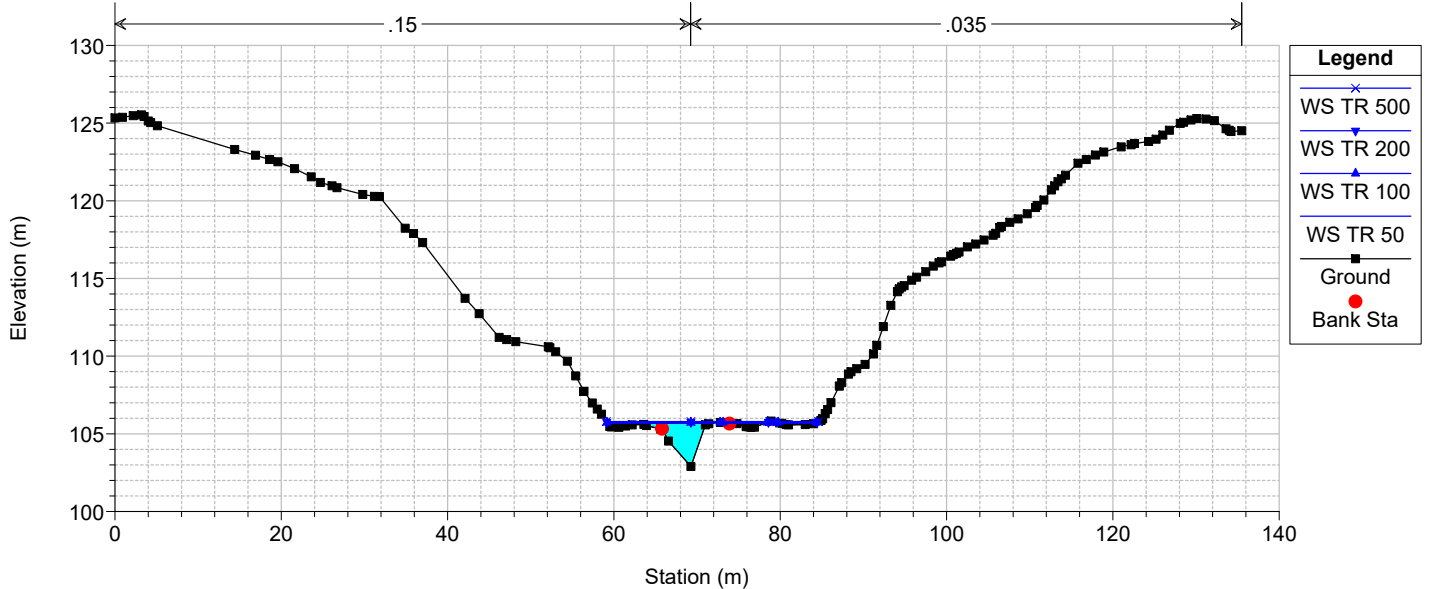
River = piandanna Reach = principale RS = 158 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



ZONA PIANDANNA Plan: 10022021 2/11/2021

Geom: 09022021 Flow: 10022021

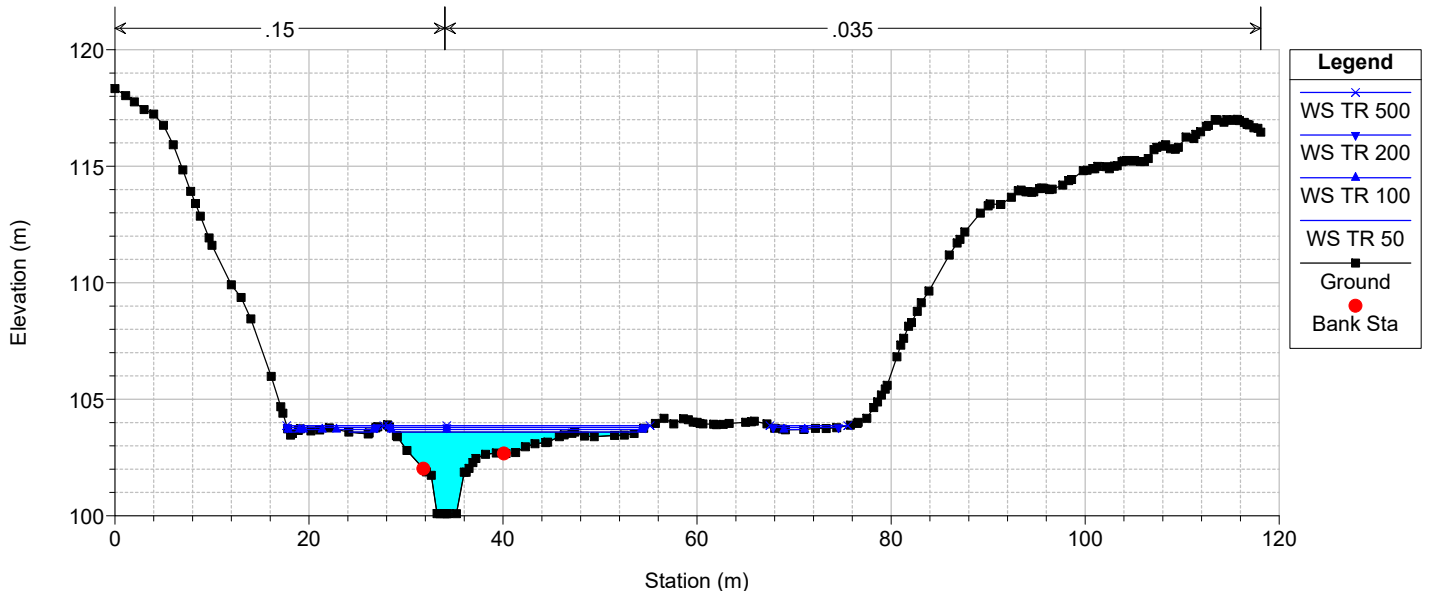
River = piandanna Reach = principale RS = 135 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



ZONA PIANDANNA Plan: 10022021 2/11/2021

Geom: 09022021 Flow: 10022021

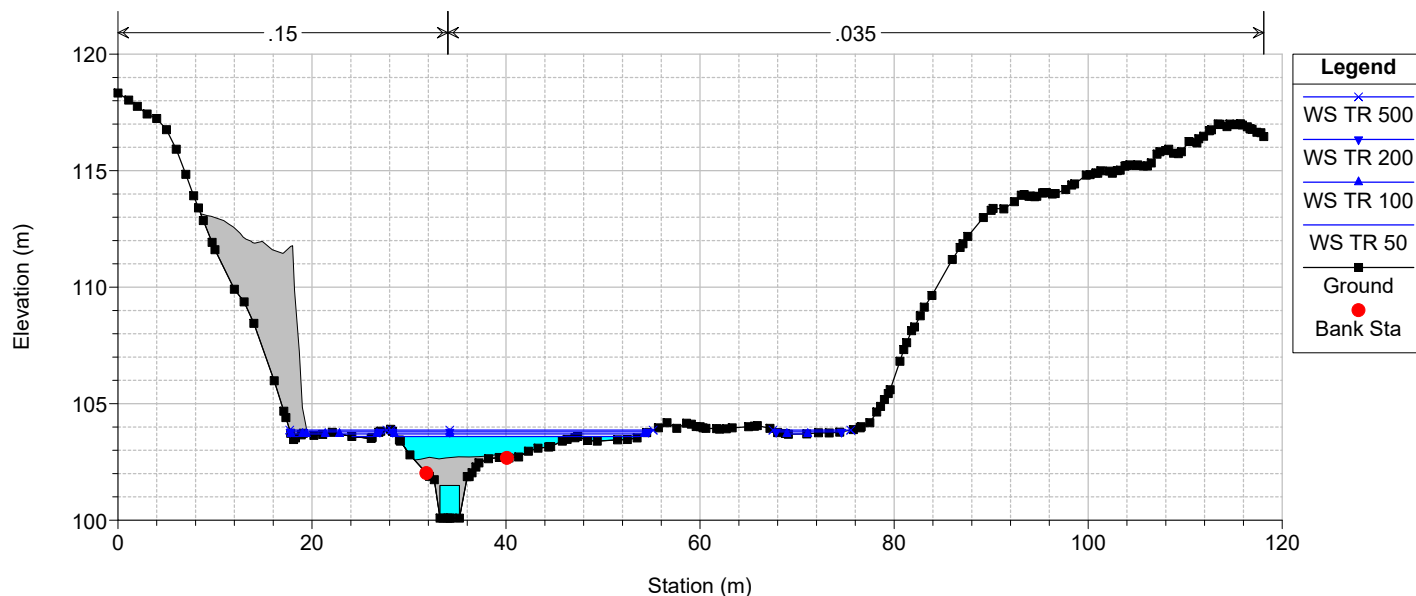
River = piandanna Reach = principale RS = 70 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



ZONA PIANDANNA Plan: 10022021 2/11/2021

Geom: 09022021 Flow: 10022021

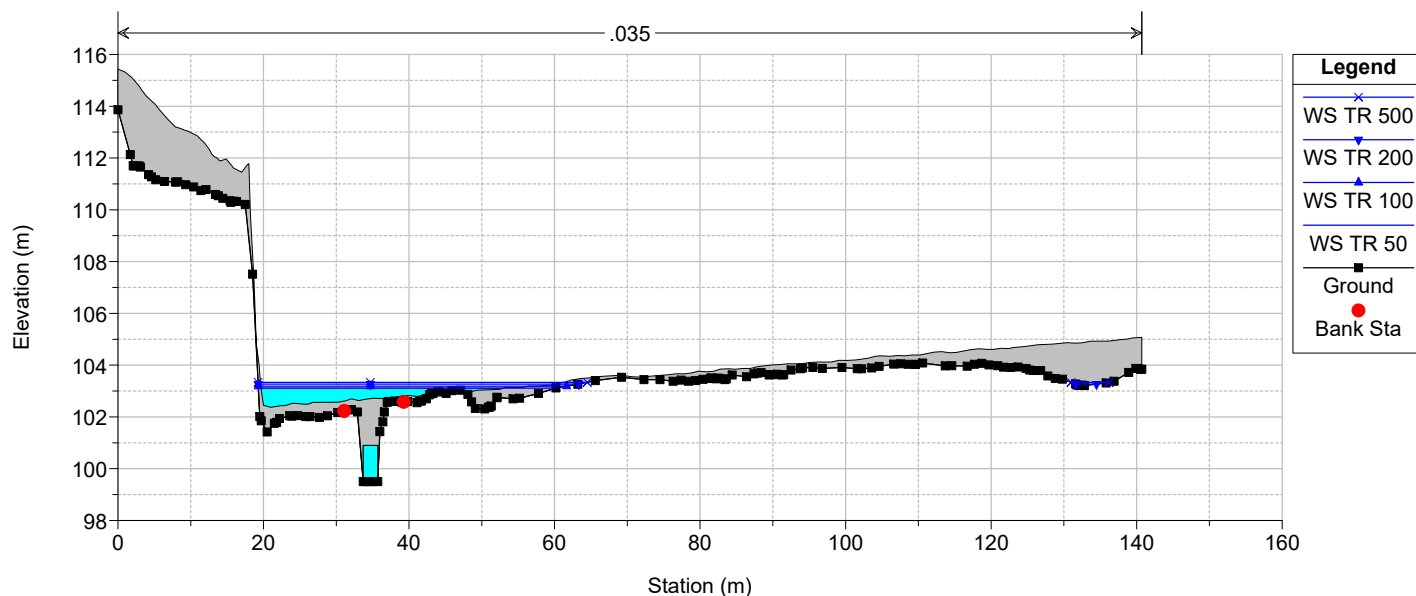
River = piandanna Reach = principale RS = 64 Culv ferroviario COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



ZONA PIANDANNA Plan: 10022021 2/11/2021

Geom: 09022021 Flow: 10022021

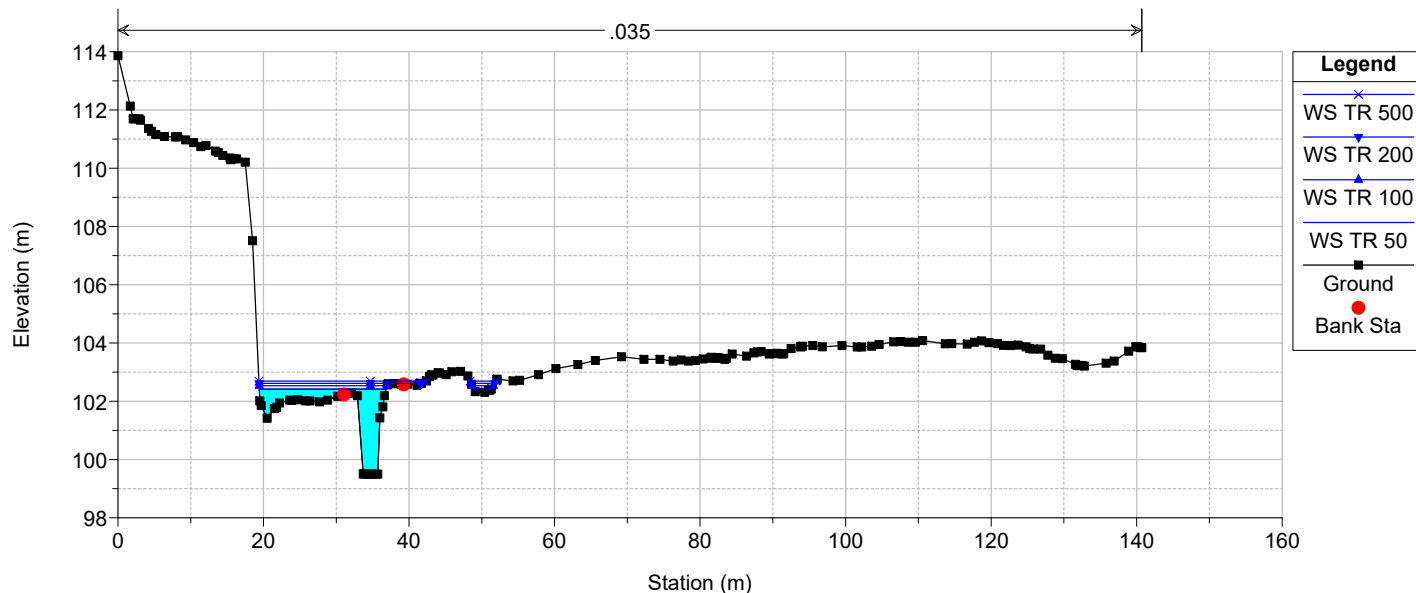
River = piandanna Reach = principale RS = 64 Culv ferroviario COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



ZONA PIANDANNA Plan: 10022021 2/11/2021

Geom: 09022021 Flow: 10022021

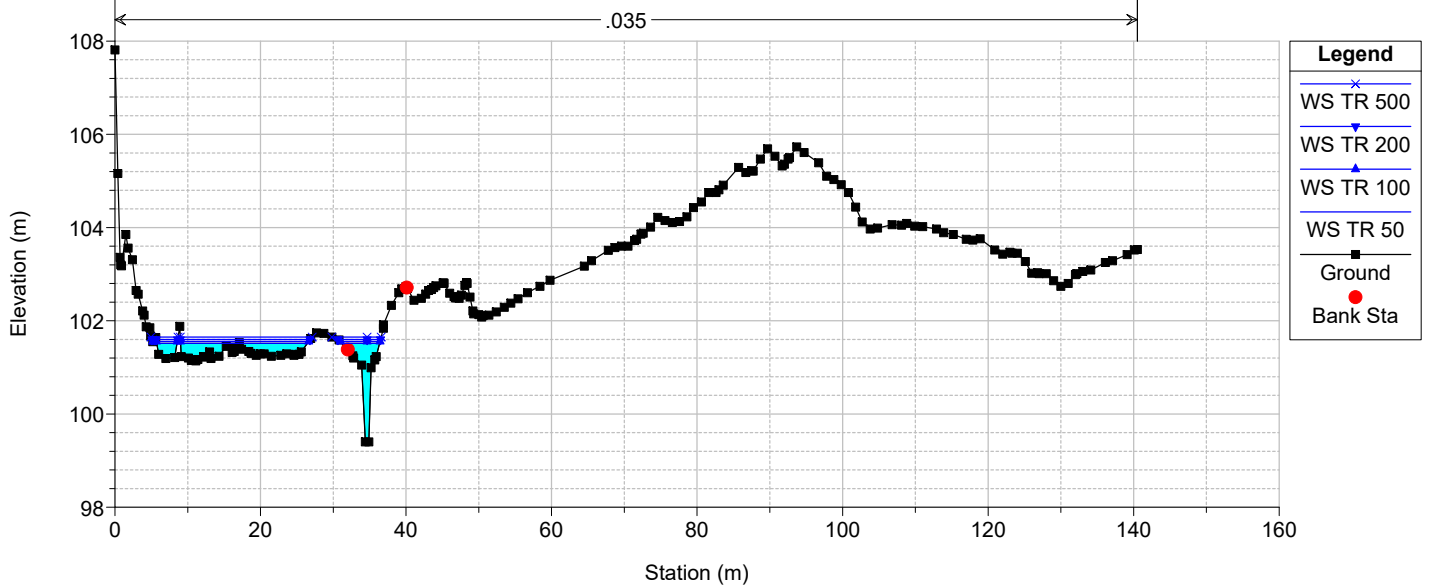
River = piandanna Reach = principale RS = 59 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



ZONA PIANDANNA Plan: 10022021 2/11/2021

Geom: 09022021 Flow: 10022021

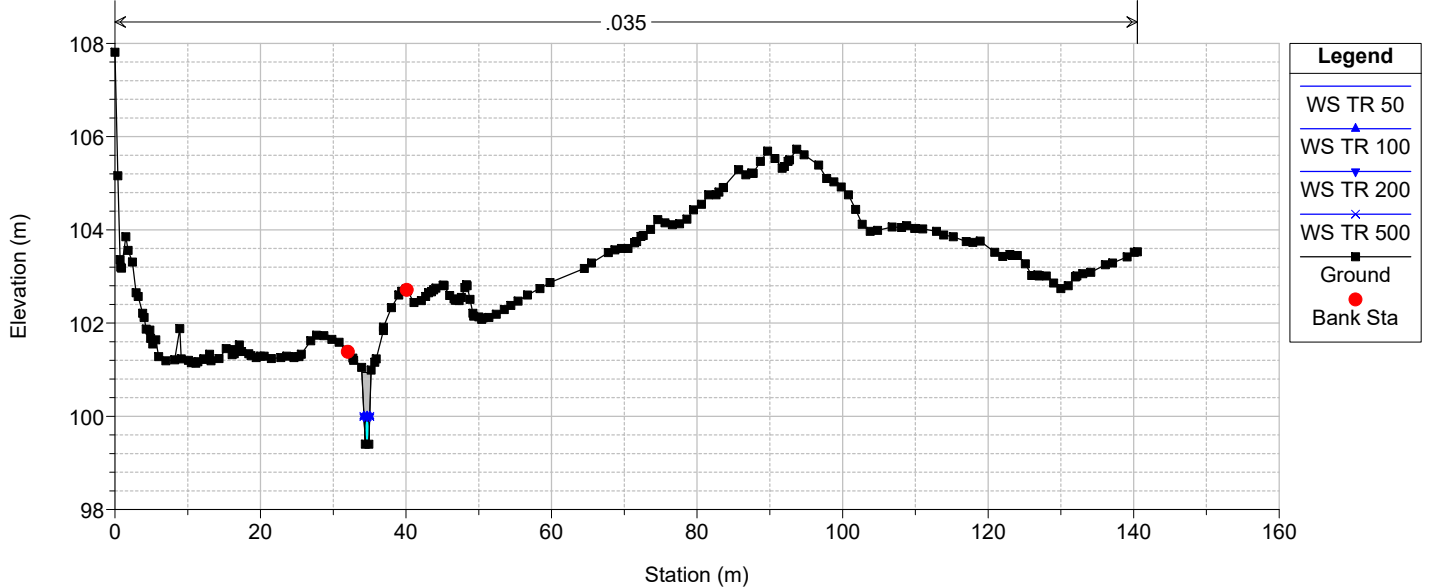
River = piandanna Reach = principale RS = 56 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



ZONA PIANDANNA Plan: 10022021 2/11/2021

Geom: 09022021 Flow: 10022021

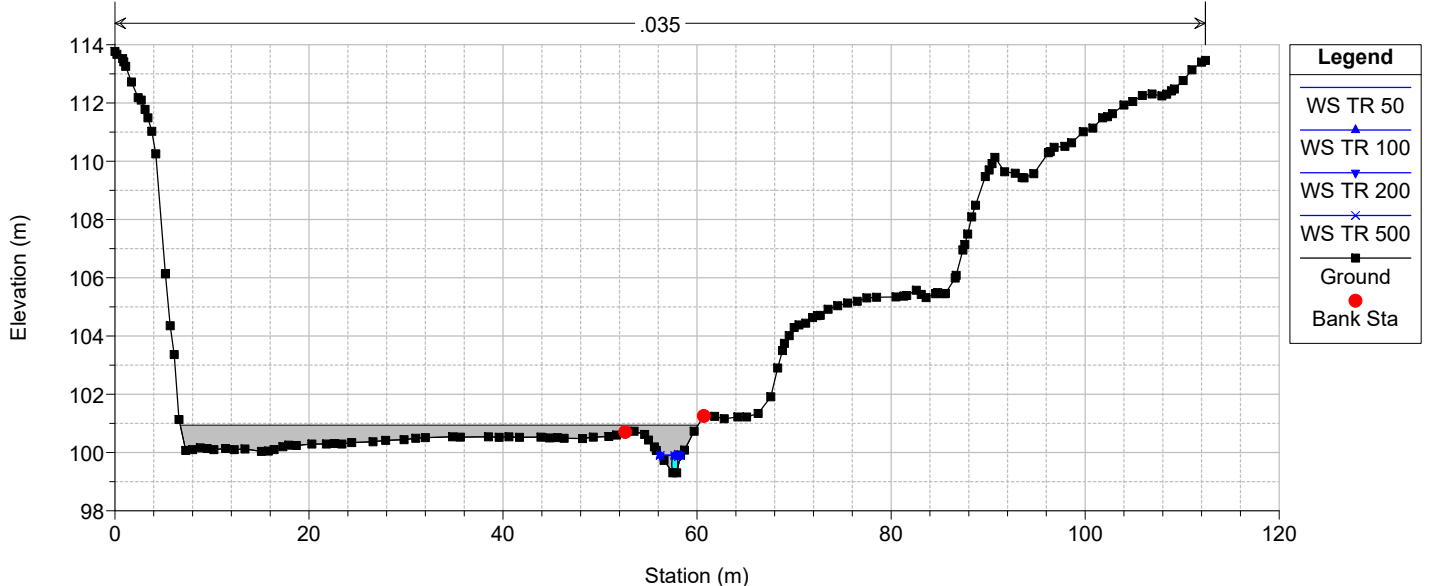
River = piandanna Reach = principale RS = 48 Culv COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



ZONA PIANDANNA Plan: 10022021 2/11/2021

Geom: 09022021 Flow: 10022021

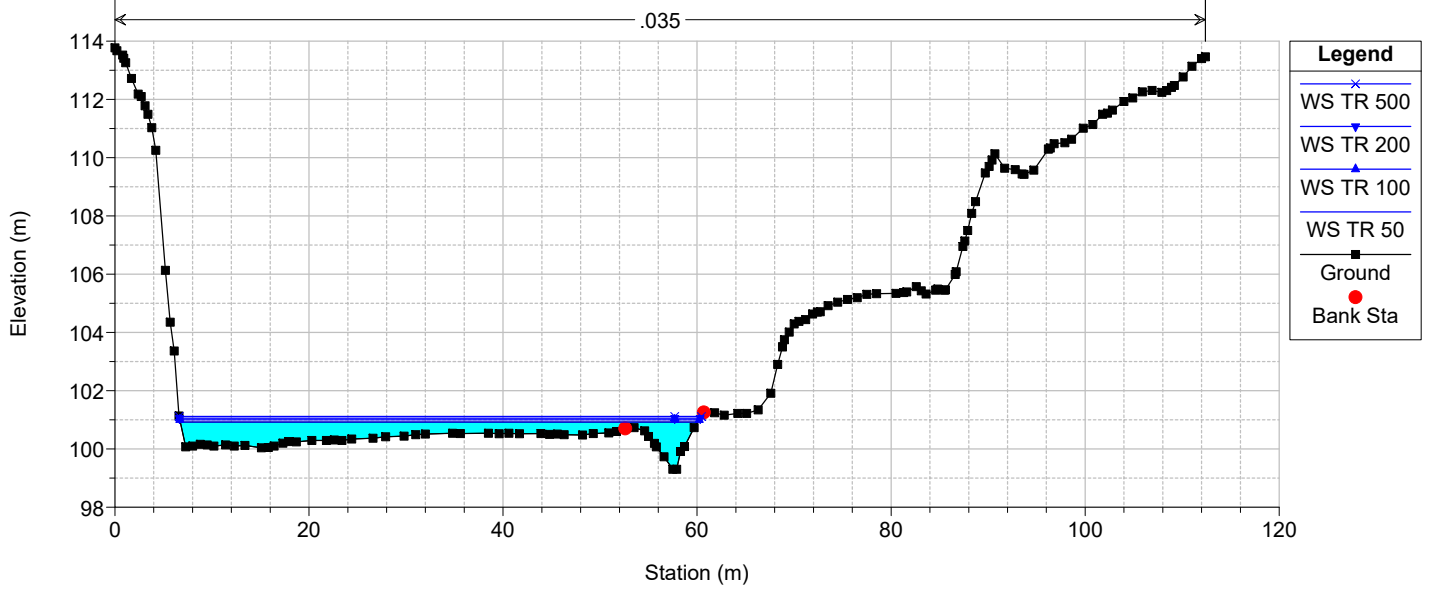
River = piandanna Reach = principale RS = 48 Culv COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



ZONA PIANDANNA Plan: 10022021 2/11/2021

Geom: 09022021 Flow: 10022021

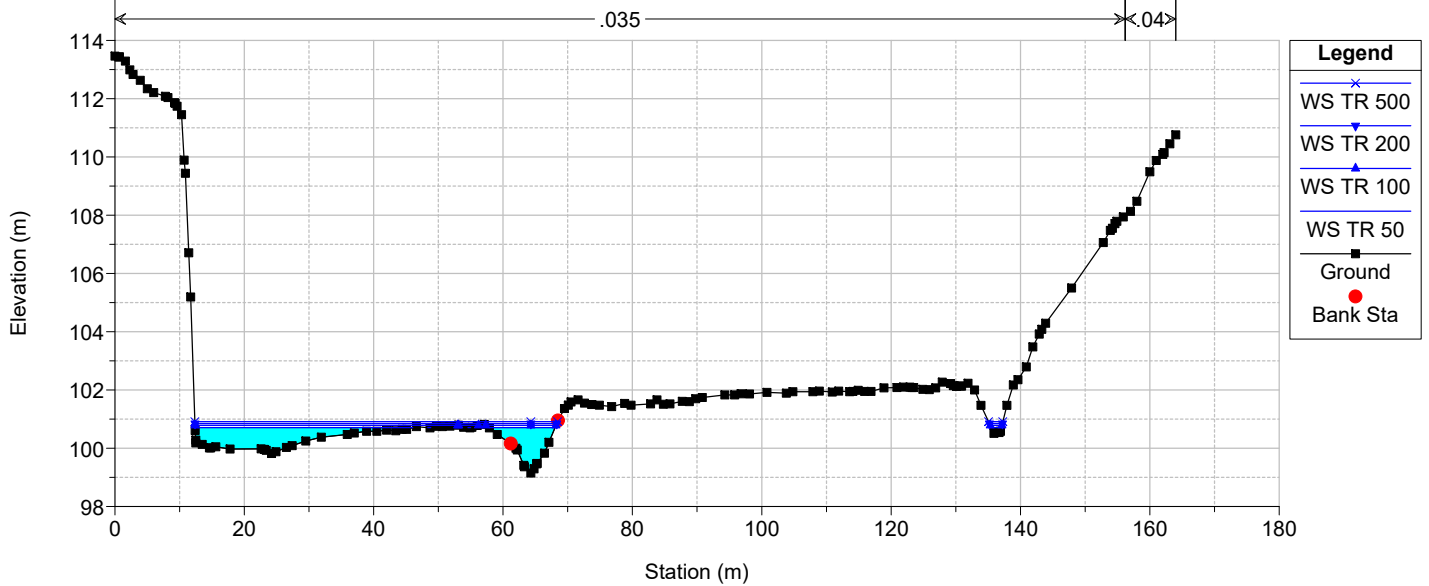
River = piandanna Reach = principale RS = 42 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



ZONA PIANDANNA Plan: 10022021 2/11/2021

Geom: 09022021 Flow: 10022021

River = piandanna Reach = principale RS = 10 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



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)	
principale	2997	TR 50	8.49	171.16	172.19	172.19	172.51	0.002200	2.80	3.78	6.21	0.92
principale	2997	TR 100	9.63	171.16	172.20	172.20	172.60	0.002758	3.14	3.82	6.24	1.03
principale	2997	TR 200	10.78	171.16	172.23	172.23	172.68	0.003081	3.38	3.99	6.37	1.09
principale	2997	TR 500	12.37	171.16	172.47	172.47	172.77	0.001618	2.85	6.18	10.70	0.82
principale	2980	TR 50	8.49	169.83	170.06	170.35	172.19	0.863605	7.34	1.38	10.65	5.56
principale	2980	TR 100	9.63	169.83	170.08	170.39	172.25	0.789257	7.41	1.54	10.76	5.38
principale	2980	TR 200	10.78	169.83	170.09	170.42	172.32	0.732235	7.48	1.69	10.86	5.25
principale	2980	TR 500	12.37	169.83	170.11	170.45	172.46	0.690953	7.67	1.88	11.02	5.17
principale	2971	TR 50	8.49	169.62	170.00	170.09	170.32	0.066678	2.86	3.65	19.16	1.68
principale	2971	TR 100	9.63	169.62	170.01	170.11	170.37	0.069091	3.00	3.93	19.24	1.72
principale	2971	TR 200	10.78	169.62	170.02	170.14	170.42	0.072015	3.15	4.17	19.32	1.77
principale	2971	TR 500	12.37	169.62	170.04	170.17	170.49	0.077069	3.36	4.47	19.41	1.85
principale	2964	TR 50	8.49	169.53	170.10	169.97	170.14	0.005386	1.16	8.95	24.76	0.52
principale	2964	TR 100	9.63	169.53	170.13	169.99	170.18	0.005332	1.20	9.72	24.94	0.52
principale	2964	TR 200	10.78	169.53	170.16	170.01	170.21	0.005308	1.24	10.45	25.11	0.53
principale	2964	TR 500	12.37	169.53	170.19	170.04	170.26	0.005285	1.29	11.42	25.33	0.53
principale	2930	TR 50	8.49	169.21	169.70	169.70	169.83	0.019057	1.97	5.46	19.02	0.96
principale	2930	TR 100	9.63	169.21	169.72	169.72	169.87	0.019173	2.04	5.92	19.25	0.97
principale	2930	TR 200	10.78	169.21	169.74	169.74	169.90	0.019029	2.11	6.39	19.48	0.97
principale	2930	TR 500	12.37	169.21	169.78	169.78	169.95	0.018787	2.19	7.02	19.79	0.98
principale	2897	TR 50	8.49	168.26	169.03	169.05	169.14	0.021471	2.26	6.86	39.36	0.98
principale	2897	TR 100	9.63	168.26	169.04	169.06	169.16	0.022411	2.34	7.36	39.43	1.00
principale	2897	TR 200	10.78	168.26	169.05	169.08	169.18	0.023523	2.43	7.80	39.49	1.03
principale	2897	TR 500	12.37	168.26	169.07	169.10	169.21	0.025157	2.55	8.35	39.57	1.07
principale	2882	TR 50	8.49	167.81	168.77	168.76	168.83	0.012761	1.60	8.99	49.16	0.67
principale	2882	TR 100	9.63	167.81	168.80	168.76	168.85	0.011173	1.54	10.20	49.62	0.63
principale	2882	TR 200	10.78	167.81	168.81	168.77	168.87	0.011010	1.55	11.01	49.80	0.63
principale	2882	TR 500	12.37	167.81	168.84	168.79	168.89	0.010468	1.55	12.20	50.00	0.62
principale	2879	TR 50	8.49	168.05	168.72	168.70	168.78	0.014986	1.78	8.27	46.12	0.81
principale	2879	TR 100	9.63	168.05	168.72	168.72	168.80	0.018153	1.97	8.44	46.22	0.89
principale	2879	TR 200	10.78	168.05	168.73	168.73	168.82	0.018540	2.02	9.03	46.82	0.90
principale	2879	TR 500	12.37	168.05	168.74	168.74	168.84	0.020492	2.16	9.58	47.86	0.95
principale	2859	TR 50	8.49	167.72	168.42	168.42	168.49	0.014966	1.73	8.57	54.39	0.82
principale	2859	TR 100	9.63	167.72	168.46	168.43	168.51	0.009800	1.49	10.91	55.78	0.67
principale	2859	TR 200	10.78	167.72	168.47	168.45	168.53	0.010991	1.59	11.31	55.83	0.71
principale	2859	TR 500	12.37	167.72	168.49	168.49	168.55	0.010984	1.63	12.36	55.96	0.72
principale	2831	TR 50	8.49	166.40	168.09	167.76	168.21	0.005205	1.79	7.07	29.73	0.47
principale	2831	TR 100	9.63	166.40	168.05	167.83	168.24	0.008088	2.20	6.07	21.51	0.58
principale	2831	TR 200	10.78	166.40	168.13	168.13	168.28	0.006381	2.03	8.64	38.31	0.52
principale	2831	TR 500	12.37	166.40	168.19	168.19	168.32	0.005878	1.99	10.88	44.46	0.50
principale	2824	ersu										
			Culvert									
principale	2815	TR 50	8.49	165.04	166.07	166.07	166.33	0.014297	2.34	4.08	8.27	0.85
principale	2815	TR 100	9.63	165.04	166.12	166.12	166.39	0.014134	2.43	4.50	8.46	0.86
principale	2815	TR 200	10.78	165.04	166.17	166.17	166.46	0.013755	2.49	4.94	8.66	0.86
principale	2815	TR 500	12.37	165.04	166.23	166.23	166.54	0.013696	2.60	5.47	8.89	0.86
principale	2783	TR 50	8.49	162.84	165.30	164.36	165.35	0.001170	1.00	9.66	10.18	0.25
principale	2783	TR 100	9.63	162.84	165.39	164.44	165.44	0.001203	1.05	10.59	10.84	0.26
principale	2783	TR 200	10.78	162.84	165.47	164.51	165.52	0.001234	1.10	11.51	11.59	0.26
principale	2783	TR 500	12.37	162.84	165.56	164.60	165.62	0.001309	1.17	12.64	12.76	0.27
principale	2764	TR 50	8.49	162.59	165.25		165.32	0.001613	1.22	7.80	8.43	0.28
principale	2764	TR 100	9.63	162.59	165.33		165.41	0.001729	1.30	8.54	9.77	0.30
principale	2764	TR 200	10.78	162.59	165.41		165.49	0.001831	1.37	9.42	12.20	0.31
principale	2764	TR 500	12.37	162.59	165.49		165.59	0.001944	1.45	10.54	12.95	0.32
principale	2747	TR 50	8.49	162.19	164.87	164.87	165.21	0.039824	2.61	3.26	4.92	1.02
principale	2747	TR 100	9.63	162.19	164.94	164.94	165.30	0.037633	2.67	3.61	5.11	1.01
principale	2747	TR 200	10.78	162.19	165.01	165.01	165.38	0.034080	2.70	4.01	6.35	0.98
principale	2747	TR 500	12.37	162.19	165.12	165.12	165.48	0.028086	2.67	4.78	7.68	0.91
principale	2728	TR 50	8.49	162.08	162.84	163.17	163.97	0.110291	4.70	1.81	3.88	2.20
principale	2728	TR 100	9.63	162.08	162.89	163.26	164.05	0.103373	4.76	2.03	4.09	2.15
principale	2728	TR 200	10.78	162.08	162.92	163.39	164.21	0.108753	5.02	2.15	4.21	2.22
principale	2728	TR 500	12.37	162.08	162.96	163.45	164.42	0.115094	5.35	2.32	4.36	2.31
principale	2707	TR 50	8.49	161.69	162.82	162.82	163.14	0.017184	2.54	3.49	5.86	0.93
principale	2707	TR 100	9.63	161.69	162.88	162.88	163.22	0.016493	2.63	3.88	6.20	0.93
principale	2707	TR 200	10.78	161.69	162.94	162.96	163.30	0.015845	2.70	4.30	7.51	0.92
principale	2707	TR 500	12.37	161.69	163.01	163.04	163.39	0.015893	2.84	4.82	9.24	0.93
principale	2696	TR 50	8.49	161.09	162.14	162.34	162.80	0.049984	3.61	2.35	3.99	1.50
principale	2696	TR 100	9.63	161.09	162.20	162.41	162.89	0.048820	3.68	2.61	4.21	1.49
principale	2696	TR 200	10.78	161.09	162.26	162.48	162.98	0.047622	3.75	2.88	4.43	1.49
principale	2696	TR 500	12.37	161.09	162.35	162.56	163.08	0.044844	3.79	3.27	4.73	1.46
principale	2677	TR 50	8.49	160.74	161.87	161.87	162.22	0.021005	2.63	3.23	4.59	1.00

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)	
principale	2677	TR 100	9.63	160.74	161.94	161.94	162.31	0.021005	2.70	3.56	4.85	1.01
principale	2677	TR 200	10.78	160.74	162.00	162.00	162.40	0.020503	2.77	3.89	5.12	1.01
principale	2677	TR 500	12.37	160.74	162.09	162.09	162.51	0.019479	2.84	4.37	5.50	0.99
principale	2659	TR 50	8.49	160.41	161.41	161.58	161.99	0.006849	3.38	2.51	4.25	1.40
principale	2659	TR 100	9.63	160.41	161.47	161.64	162.08	0.006765	3.47	2.78	4.48	1.41
principale	2659	TR 200	10.78	160.41	161.52	161.71	162.17	0.006723	3.55	3.03	4.69	1.41
principale	2659	TR 500	12.37	160.41	161.60	161.79	162.28	0.006654	3.66	3.38	4.96	1.41
principale	2647	TR 50	8.49	160.15	161.28	161.45	161.91	0.006792	3.49	2.43	3.65	1.37
principale	2647	TR 100	9.63	160.15	161.36	161.53	162.00	0.006451	3.54	2.72	3.82	1.34
principale	2647	TR 200	10.78	160.15	161.43	161.60	162.09	0.006199	3.60	3.00	3.98	1.32
principale	2647	TR 500	12.37	160.15	161.53	161.70	162.21	0.005822	3.64	3.40	4.20	1.29
principale	2627	TR 50	8.49	160.04	161.01	161.24	161.74	0.009286	3.78	2.25	3.98	1.61
principale	2627	TR 100	9.63	160.04	161.07	161.31	161.84	0.009084	3.89	2.48	4.12	1.60
principale	2627	TR 200	10.78	160.04	161.12	161.38	161.93	0.008919	3.98	2.71	4.25	1.59
principale	2627	TR 500	12.37	160.04	161.20	161.46	162.05	0.008692	4.09	3.03	4.46	1.59
principale	2607	TR 50	8.49	159.58	160.83	161.07	161.55	0.009390	3.76	2.26	3.70	1.54
principale	2607	TR 100	9.63	159.58	160.89	161.14	161.65	0.009150	3.86	2.50	3.87	1.53
principale	2607	TR 200	10.78	159.58	160.95	161.21	161.75	0.009184	3.95	2.73	4.11	1.55
principale	2607	TR 500	12.37	159.58	161.03	161.29	161.87	0.009148	4.07	3.04	4.41	1.56
principale	2592	TR 50	8.49	159.73	160.70	160.91	161.42	0.007954	3.75	2.27	3.35	1.45
principale	2592	TR 100	9.63	159.73	160.78	160.99	161.51	0.007482	3.79	2.54	3.51	1.42
principale	2592	TR 200	10.78	159.73	160.85	161.06	161.61	0.007236	3.85	2.80	3.65	1.40
principale	2592	TR 500	12.37	159.73	160.95	161.15	161.72	0.006591	3.89	3.18	3.85	1.36
principale	2579	TR 50	8.49	159.20	160.08	160.43	161.22	0.016556	4.74	1.79	3.48	2.11
principale	2579	TR 100	9.63	159.20	160.14	160.50	161.33	0.015818	4.83	1.99	3.61	2.08
principale	2579	TR 200	10.78	159.20	160.19	160.57	161.43	0.015284	4.93	2.19	3.74	2.06
principale	2579	TR 500	12.37	159.20	160.26	160.66	161.55	0.014616	5.03	2.46	3.91	2.03
principale	2564	TR 50	8.49	159.08	159.58	159.92	160.89	0.027764	5.08	1.67	4.71	2.72
principale	2564	TR 100	9.63	159.08	159.61	159.98	161.00	0.026761	5.22	1.85	4.83	2.70
principale	2564	TR 200	10.78	159.08	159.65	160.03	161.11	0.025728	5.36	2.01	4.90	2.67
principale	2564	TR 500	12.37	159.08	159.69	160.11	161.25	0.024435	5.52	2.24	4.99	2.63
principale	2549	TR 50	8.49	158.37	159.02	159.38	160.45	0.030453	5.30	1.60	4.60	2.84
principale	2549	TR 100	9.63	158.37	159.06	159.44	160.58	0.029647	5.47	1.77	4.77	2.84
principale	2549	TR 200	10.78	158.37	159.09	159.49	160.70	0.028840	5.62	1.93	4.91	2.83
principale	2549	TR 500	12.37	158.37	159.13	159.57	160.85	0.027807	5.81	2.14	5.10	2.81
principale	2533	TR 50	8.49	157.33	157.99	158.44	159.87	0.036042	6.08	1.40	3.49	3.07
principale	2533	TR 100	9.63	157.33	158.03	158.51	160.01	0.034922	6.23	1.55	3.62	3.05
principale	2533	TR 200	10.78	157.33	158.07	158.57	160.15	0.034043	6.38	1.69	3.74	3.03
principale	2533	TR 500	12.37	157.33	158.12	158.66	160.31	0.032941	6.55	1.89	3.90	3.01
principale	2515	TR 50	8.49	156.81	157.41	157.84	159.21	0.035444	5.95	1.43	3.74	3.07
principale	2515	TR 100	9.63	156.81	157.45	157.91	159.37	0.035108	6.15	1.57	3.87	3.08
principale	2515	TR 200	10.78	156.81	157.48	157.97	159.52	0.034798	6.33	1.70	4.00	3.09
principale	2515	TR 500	12.37	156.81	157.53	158.05	159.71	0.034288	6.55	1.89	4.14	3.10
principale	2496	TR 50	12.45	156.72	157.65	157.95	158.61	0.013892	4.34	2.87	6.05	2.01
principale	2496	TR 100	14.60	156.72	157.70	158.03	158.75	0.014237	4.54	3.21	6.45	2.05
principale	2496	TR 200	16.75	156.72	157.75	158.11	158.89	0.014547	4.73	3.54	6.80	2.09
principale	2496	TR 500	19.63	156.72	157.81	158.21	159.08	0.014505	5.00	3.93	7.19	2.12
principale	2476	TR 50	12.45	155.97	157.05	157.43	158.30	0.013501	5.00	2.57	4.79	2.01
principale	2476	TR 100	14.60	155.97	157.12	157.54	158.46	0.012477	5.18	2.94	5.08	1.97
principale	2476	TR 200	16.75	155.97	157.19	157.64	158.60	0.011697	5.34	3.30	5.35	1.94
principale	2476	TR 500	19.63	155.97	157.27	157.75	158.80	0.011225	5.59	3.75	5.66	1.93
principale	2459	TR 50	12.45	155.59	156.37	156.81	157.97	0.023112	5.60	2.22	4.60	2.57
principale	2459	TR 100	14.60	155.59	156.44	156.90	158.14	0.022544	5.79	2.52	4.87	2.57
principale	2459	TR 200	16.75	155.59	156.49	156.98	158.30	0.022133	5.95	2.82	5.14	2.57
principale	2459	TR 500	19.63	155.59	156.56	157.09	158.50	0.021927	6.17	3.18	5.46	2.58
principale	2440	TR 50	12.45	155.45	156.11	156.49	157.48	0.021097	5.19	2.40	5.32	2.47
principale	2440	TR 100	14.60	155.45	156.16	156.58	157.67	0.021221	5.43	2.69	5.57	2.50
principale	2440	TR 200	16.75	155.45	156.21	156.66	157.83	0.021171	5.64	2.97	5.81	2.52
principale	2440	TR 500	19.63	155.45	156.27	156.76	158.05	0.020968	5.90	3.33	6.09	2.53
principale	2428	TR 50	12.45	154.90	155.76	156.18	157.22	0.019291	5.34	2.33	4.46	2.36
principale	2428	TR 100	14.60	154.90	155.83	156.29	157.40	0.019097	5.56	2.63	4.68	2.37
principale	2428	TR 200	16.75	154.90	157.00	156.38	157.12	0.000397	1.63	11.83	11.29	0.41
principale	2428	TR 500	19.63	154.90	157.19	156.50	157.31	0.000349	1.65	14.20	13.56	0.39
principale	2402	TR 50	12.45	154.75	156.04	156.23	156.79	0.004535	3.92	3.39	4.14	1.24
principale	2402	TR 100	14.60	154.75	156.14	156.35	156.97	0.004414	4.12	3.83	4.32	1.25
principale	2402	TR 200	16.75	154.75	156.47	156.47	157.05	0.002303	3.53	5.32	4.88	0.94
principale	2402	TR 500	19.63	154.75	156.61	156.61	157.24	0.002196	3.68	6.06	5.14	0.93
principale	2390	TR 50	12.45	154.29	155.44	155.84	156.67	0.008155	5.12	2.73	3.87	1.64
principale	2390	TR 100	14.60	154.29	155.54	155.97	156.85	0.007774	5.33	3.13	4.10	1.63
principale	2390	TR 200	16.75	154.29	155.67	156.10	156.94	0.006646	5.30	3.67	4.40	1.53
principale	2390	TR 500	19.63	154.29	155.79	156.18	157.13	0.006305	5.50	4.22	4.73	1.52

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)	
principale	2369	TR 50	12.45	153.81	154.68	155.18	156.39	0.016626	5.83	2.20	3.72	2.26
principale	2369	TR 100	14.60	153.81	154.76	155.29	156.58	0.015196	6.03	2.52	3.90	2.20
principale	2369	TR 200	16.75	153.81	154.86	155.41	156.70	0.013216	6.08	2.90	4.10	2.09
principale	2369	TR 500	19.63	153.81	154.97	155.55	156.90	0.012049	6.27	3.35	4.32	2.04
principale	2353	TR 50	12.45	153.43	154.57	155.04	156.08	0.015646	5.45	2.31	3.58	2.07
principale	2353	TR 100	14.60	153.43	154.65	155.16	156.29	0.015193	5.70	2.61	3.82	2.07
principale	2353	TR 200	16.75	153.43	154.73	155.27	156.44	0.013791	5.83	2.95	4.08	2.01
principale	2353	TR 500	19.63	153.43	154.83	155.40	156.67	0.012925	6.07	3.37	4.42	1.98
principale	2320	TR 50	12.45	152.86	153.63	154.05	155.07	0.076962	5.32	2.36	4.23	2.20
principale	2320	TR 100	14.60	152.86	153.69	154.17	155.32	0.076893	5.66	2.61	4.34	2.23
principale	2320	TR 200	16.75	152.86	153.75	154.27	155.54	0.075588	5.95	2.87	4.46	2.24
principale	2320	TR 500	19.63	152.86	153.82	154.46	155.81	0.073460	6.27	3.22	4.61	2.25
principale	2298	TR 50	12.45	152.02	153.36	153.52	153.89	0.025982	3.50	4.29	9.96	1.26
principale	2298	TR 100	14.60	152.02	153.39	153.60	154.03	0.030077	3.86	4.59	10.30	1.37
principale	2298	TR 200	16.75	152.02	153.42	153.65	154.16	0.034068	4.19	4.87	10.60	1.47
principale	2298	TR 500	19.63	152.02	153.45	153.70	154.34	0.039119	4.61	5.23	10.97	1.58
principale	2283	TR 50	12.45	151.82	153.64	153.03	153.73	0.001558	1.38	10.37	11.01	0.37
principale	2283	TR 100	14.60	151.82	153.68	153.12	153.79	0.001920	1.56	10.82	11.89	0.41
principale	2283	TR 200	16.75	151.82	153.70	153.20	153.84	0.002417	1.77	11.03	13.04	0.46
principale	2283	TR 500	19.63	151.82	153.72	153.31	153.90	0.003152	2.03	11.29	14.35	0.53
principale	2267	TR 50	12.45	151.71	153.31	153.31	153.65	0.010102	2.68	5.32	9.53	0.84
principale	2267	TR 100	14.60	151.71	153.57	153.57	153.74	0.004552	2.08	10.74	34.89	0.59
principale	2267	TR 200	16.75	151.71	153.62	153.62	153.78	0.004392	2.10	12.65	37.10	0.58
principale	2267	TR 500	19.63	151.71	153.65	153.65	153.84	0.004915	2.26	14.00	39.47	0.62
principale	2248	TR 50	12.45	151.34	152.49	152.75	153.27	0.038431	3.91	3.18	4.84	1.54
principale	2248	TR 100	14.60	151.34	152.54	152.96	153.47	0.043628	4.25	3.43	5.07	1.65
principale	2248	TR 200	16.75	151.34	152.66	153.04	153.53	0.037385	4.13	4		

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)	
principale	1620		Culvert									
principale	1603	TR 50	27.35	142.51	143.78	144.16	145.13	0.043125	5.15	5.31	4.36	1.49
principale	1603	TR 100	32.41	142.51	143.95	144.36	145.41	0.041631	5.34	6.07	4.41	1.45
principale	1603	TR 200	37.52	142.51	144.12	144.53	145.67	0.040499	5.51	6.81	4.45	1.42
principale	1603	TR 500	44.31	142.51	144.33	144.78	145.99	0.039359	5.71	7.76	4.51	1.39
principale	1566	TR 50	27.35	142.17	142.80	142.80	142.83	0.001999	0.74	36.40	118.98	0.32
principale	1566	TR 100	32.41	142.17	142.80	142.80	142.84	0.002809	0.88	36.40	118.98	0.38
principale	1566	TR 200	37.52	142.17	142.80	142.80	142.86	0.003762	1.01	36.40	118.98	0.44
principale	1566	TR 500	44.31	142.17	142.80	142.80	142.88	0.005249	1.20	36.40	118.98	0.51
principale	1506	TR 50	27.35	139.64	140.09	140.28	142.16	0.691874	7.97	5.45	61.66	5.21
principale	1506	TR 100	32.41	139.64	140.11	140.31	142.02	0.616726	7.86	6.45	62.04	4.97
principale	1506	TR 200	37.52	139.64	140.13	140.34	141.87	0.531032	7.63	7.59	64.09	4.67
principale	1506	TR 500	44.31	139.64	140.15	140.37	141.65	0.413094	7.15	9.28	65.58	4.18
principale	1457	TR 50	27.35	139.15	139.65	139.65	139.79	0.019992	1.87	17.40	62.34	0.96
principale	1457	TR 100	32.41	139.15	139.68	139.68	139.84	0.019681	1.96	19.57	64.08	0.97
principale	1457	TR 200	37.52	139.15	139.72	139.72	139.88	0.018823	2.02	21.89	66.66	0.96
principale	1457	TR 500	44.31	139.15	139.74	139.74	139.94	0.021728	2.25	23.40	68.87	1.04
principale	1407	TR 50	27.35	137.97	138.67	138.53	138.74	0.007196	1.24	23.03	56.07	0.59
principale	1407	TR 100	32.41	137.97	138.72	138.57	138.80	0.007306	1.34	25.90	59.32	0.61
principale	1407	TR 200	37.52	137.97	138.75	138.61	138.85	0.007537	1.43	28.24	61.01	0.62
principale	1407	TR 500	44.31	137.97	138.82	138.65	138.92	0.007364	1.53	32.47	65.58	0.63
principale	1337	TR 50	27.35	137.13	137.76	137.76	137.94	0.020815	2.15	14.85	42.39	1.01
principale	1337	TR 100	32.41	137.13	137.81	137.81	138.01	0.019951	2.25	16.97	44.82	1.00
principale	1337	TR 200	37.52	137.13	137.87	137.87	138.06	0.018481	2.32	19.48	47.11	0.98
principale	1337	TR 500	44.31	137.13	137.91	137.91	138.13	0.018910	2.46	21.50	47.51	1.00
principale	1254	TR 50	27.35	135.43	136.00	135.91	136.08	0.010431	1.28	21.43	61.58	0.69
principale	1254	TR 100	32.41	135.43	136.03	135.95	136.13	0.011022	1.39	23.38	62.03	0.72
principale	1254	TR 200	37.52	135.43	136.06	135.98	136.17	0.011632	1.50	25.16	62.48	0.74
principale	1254	TR 500	44.31	135.43	136.10	136.02	136.23	0.011775	1.61	27.77	63.13	0.76
principale	1229	TR 50	27.35	135.17	135.66	135.66	135.76	0.016310	1.59	22.23	110.20	0.86
principale	1229	TR 100	32.41	135.17	135.69	135.69	135.79	0.016645	1.68	24.90	112.08	0.87
principale	1229	TR 200	37.52	135.17	135.71	135.71	135.82	0.016899	1.76	27.47	114.85	0.89
principale	1229	TR 500	44.31	135.17	135.73	135.73	135.86	0.018832	1.92	29.83	119.25	0.95
principale	1200	TR 50	27.35	135.02	135.19	135.19	135.20	0.001569	0.26	58.93	189.35	0.23
principale	1200	TR 100	32.41	135.02	135.19	135.19	135.21	0.002204	0.31	58.93	189.35	0.27
principale	1200	TR 200	37.52	135.02	135.19	135.19	135.21	0.002953	0.36	58.93	189.35	0.31
principale	1200	TR 500	44.31	135.02	135.19	135.19	135.22	0.004120	0.43	58.93	189.35	0.37
principale	1163	TR 50	27.35	131.53	132.06	132.57	134.73	0.313071	7.24	3.77	10.38	3.84
principale	1163	TR 100	32.41	131.53	132.13	132.67	134.68	0.254702	7.07	4.58	11.28	3.54
principale	1163	TR 200	37.52	131.53	132.21	132.75	134.63	0.199850	6.89	5.44	11.59	3.21
principale	1163	TR 500	44.31	131.53	132.31	132.87	134.55	0.148176	6.63	6.68	12.02	2.84
principale	1130	TR 50	27.35	130.75	131.36	131.43	131.69	0.030511	2.80	10.76	25.70	1.32
principale	1130	TR 100	32.41	130.75	131.40	131.49	131.79	0.030904	3.00	11.91	25.82	1.35
principale	1130	TR 200	37.52	130.75	131.44	131.54	131.88	0.031957	3.20	12.90	25.92	1.39
principale	1130	TR 500	44.31	130.75	131.49	131.61	132.00	0.033529	3.45	14.09	26.04	1.44
principale	1080	TR 50	27.35	129.71	130.55	130.55	130.73	0.020561	2.13	14.60	39.32	1.00
principale	1080	TR 100	32.41	129.71	130.59	130.59	130.80	0.020782	2.27	16.16	39.57	1.02
principale	1080	TR 200	37.52	129.71	130.63	130.63	130.86	0.019523	2.33	18.04	39.88	1.00
principale	1080	TR 500	44.31	129.71	130.69	130.69	130.94	0.018974	2.44	20.18	40.23	1.00
principale	1034	TR 50	27.35	128.75	129.87	129.80	130.02	0.010840	1.98	16.60	34.19	0.77
principale	1034	TR 100	32.41	128.75	129.92	129.84	130.09	0.010900	2.09	18.44	34.46	0.78
principale	1034	TR 200	37.52	128.75	129.97	129.89	130.16	0.011223	2.21	20.04	34.68	0.80
principale	1034	TR 500	44.31	128.75	130.03	129.96	130.24	0.011426	2.34	22.12	34.96	0.82
principale	968	TR 50	27.35	128.06	128.97	128.97	129.22	0.013232	2.28	13.29	29.38	0.86
principale	968	TR 100	32.41	128.06	129.05	129.05	129.31	0.012660	2.37	15.50	32.66	0.86
principale	968	TR 200	37.52	128.06	129.11	129.11	129.39	0.011965	2.44	17.85	35.17	0.85
principale	968	TR 500	44.31	128.06	129.19	129.19	129.48	0.011619	2.55	20.66	38.02	0.85
principale	868	TR 50	27.35	123.78	124.55	124.81	125.74	0.204571	5.53	6.08	26.71	3.00
principale	868	TR 100	32.41	123.78	124.57	124.86	125.91	0.210968	5.88	6.74	27.04	3.08
principale	868	TR 200	37.52	123.78	124.59	124.91	126.10	0.219349	6.23	7.33	27.33	3.17
principale	868	TR 500	44.31	123.78	124.63	124.98	126.26	0.215017	6.51	8.24	27.78	3.18
principale	824	TR 50	27.35	123.15	123.73	123.73	123.89	0.016819	1.87	15.62	46.94	0.94
principale	824	TR 100	32.41	123.15	123.77	123.77	123.95	0.016613	1.96	17.63	47.40	0.94
principale	824	TR 200	37.52	123.15	123.81	123.81	124.01	0.016480	2.06	19.52	47.83	0.94
principale	824	TR 500	44.31	123.15	123.85	123.85	124.08	0.017326	2.21	21.44	48.19	0.97
principale	771	TR 50	27.35	120.44	120.64	120.82	121.45	0.325844	4.01	6.88	48.16	3.32
principale	771	TR 100	32.41	120.44	120.66	120.86	121.54	0.303680	4.17	7.84	49.30	3.26
principale	771	TR 200	37.52	120.44	120.67	120.89	121.63	0.291003	4.34	8.74	50.36	3.24
principale	771	TR 500	44.31	120.44	120.70	120.93	121.69	0.256434	4.42	10.19	52.81	3.11
principale	736	TR 50	27.35	120.00	120.33	120.32	120.46	0.019400	1.40	17.11	58.04	0.97

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)	
principale	736	TR 100	32.41	120.00	120.36	120.36	120.51	0.021447	1.57	18.53	59.13	1.04
principale	736	TR 200	37.52	120.00	120.39	120.39	120.56	0.020366	1.69	20.78	61.60	1.04
principale	736	TR 500	44.31	120.00	120.44	120.44	120.62	0.019366	1.82	23.83	67.73	1.04
principale	682	TR 50	27.35	118.72	119.35	119.35	119.54	0.014667	1.99	14.19	38.76	0.96
principale	682	TR 100	32.41	118.72	119.38	119.40	119.61	0.015358	2.15	15.72	40.11	1.00
principale	682	TR 200	37.52	118.72	119.45	119.45	119.68	0.013132	2.15	18.37	41.81	0.94
principale	682	TR 500	44.31	118.72	119.50	119.51	119.75	0.013089	2.27	20.62	42.83	0.95
principale	631	TR 50	27.35	118.30	118.83	118.72	118.91	0.006544	1.26	21.70	53.78	0.63
principale	631	TR 100	32.41	118.30	118.88	118.76	118.97	0.006317	1.33	24.34	54.04	0.63
principale	631	TR 200	37.52	118.30	118.92	118.79	119.02	0.006131	1.40	26.86	54.30	0.63
principale	631	TR 500	44.31	118.30	118.98	118.83	119.09	0.005907	1.47	30.09	54.62	0.63
principale	597	TR 50	27.35	118.02	118.67		118.73	0.004272	1.05	25.96	55.39	0.49
principale	597	TR 100	32.41	118.02	118.73		118.79	0.004264	1.12	28.96	56.04	0.50
principale	597	TR 200	37.52	118.02	118.78		118.85	0.004174	1.17	31.94	56.65	0.50
principale	597	TR 500	44.31	118.02	118.85		118.92	0.004048	1.24	35.77	57.32	0.50
principale	500	TR 50	27.35	117.06	117.79	117.79	118.05	0.012634	2.26	13.14	32.35	0.94
principale	500	TR 100	32.41	117.06	117.87	117.87	118.13	0.011369	2.32	15.82	37.19	0.91
principale	500	TR 200	37.52	117.06	117.94	117.94	118.21	0.010728	2.40	18.29	38.42	0.89
principale	500	TR 500	44.31	117.06	118.01	118.01	118.30	0.010342	2.51	21.14	39.06	0.89
principale	417	TR 50	27.35	114.30	115.29	114.74	115.31	0.009592	0.59	46.28	57.20	0.21
principale	417	TR 100	32.41	114.30	115.38	114.78	115.40	0.009412	0.63	51.54	57.69	0.21
principale	417	TR 200	37.52	114.30	115.47	114.81	115.49	0.009230	0.66	56.60	58.19	0.21
principale	417	TR 500	44.31	114.30	115.58	114.86	115.60	0.009041	0.70	62.92	58.87	0.21
principale	370	TR 50	33.61	113.32	114.38		114.46	0.035559	1.19	28.24	34.02	0.40
principale	370	TR 100	39.86	113.32	114.46		114.56	0.036449	1.28	31.18	34.56	0.41
principale	370	TR 200	46.17	113.32	114.54		114.65	0.037668	1.36	33.92	35.55	0.42
principale	370	TR 500	54.56	113.32	114.63		114.75	0.038966	1.47	37.29	36.74	0.43
principale	294	TR 50	33.61	111.63	112.35	112.34	112.62	0.017389	2.32	14.56	26.39	0.98
principale	294	TR 100	39.86	111.63	112.41	112.41	112.72	0.017001	2.46	16.28	26.68	0.99
principale	294	TR 200	46.17	111.63	112.48	112.47	112.82	0.016470	2.59	18.00	26.94	0.99
principale	294	TR 500	54.56	111.63	112.56	112.56	112.94	0.015912	2.73	20.17	27.24	0.99
principale	222	TR 50	33.61	108.88	110.21		110.38	0.066808	1.86	18.76	20.12	0.56
principale	222	TR 100	39.86	108.88	110.32		110.52	0.066331	1.97	21.11	21.72	0.56
principale	222	TR 200	46.17	108.88	110.41		110.62	0.069467	2.10	22.92	22.67	0.58
principale	222	TR 500	54.56	108.88	110.50		110.75	0.073632	2.27	25.13	25.15	0.61
principale	158	TR 50	33.61	105.00	107.14	107.14	107.64	0.029740	2.24	12.27	12.78	0.68
principale	158	TR 100	39.86	105.00	107.26	107.26	107.82	0.028972	2.37	13.76	13.07	0.69
principale	158	TR 200	46.17	105.00	107.38	107.38	107.99	0.027010	2.44	15.49	14.68	0.67
principale	158	TR 500	54.56	105.00	107.54	107.54	108.19	0.024822	2.52	18.01	16.45	0.66
principale	135	TR 50	33.61	102.90	105.68	105.84	106.31	0.137149	3.63	10.51	21.09	1.01
principale	135	TR 100	39.86	102.90	105.73	105.90	106.45	0.157267	3.91	11.62	23.45	1.17
principale	135	TR 200	46.17	102.90	105.76	105.97	106.62	0.182993	4.27	12.32	24.40	1.29
principale	135	TR 500	54.56	102.90	105.79	106.05	106.85	0.216699	4.74	13.10	25.03	1.42
principale	70	TR 50	33.61	100.09	103.59	102.82	103.71	0.008811	1.56	23.70	27.86	0.35
principale	70	TR 100	39.86	100.09	103.70	102.95	103.83	0.009173	1.65	27.16	34.92	0.36
principale	70	TR 200	46.17	100.09	103.79	103.13	103.93	0.009342	1.71	30.66	42.33	0.37
principale	70	TR 500	54.56	100.09	103.87	103.29	104.03	0.010315	1.84	33.94	45.02	0.39
principale	64	ferroviario	Culvert									
principale	59	TR 50	33.61	99.50	102.42	102.42	102.76	0.012313	2.85	13.88	19.77	0.75
principale	59	TR 100	39.86	99.50	102.53	102.53	102.88	0.011400	2.85	16.26	20.46	0.73
principale	59	TR 200	46.17	99.50	102.61	102.61	102.97	0.013667	2.82	18.00	25.38	0.83
principale	59	TR 500	54.56	99.50	102.69	102.69	103.09	0.014019	2.98	20.10	26.55	0.85
principale	56	TR 50	33.61	99.40	101.52	101.78	102.59	0.111400	5.45	7.85	25.28	2.08
principale	56	TR 100	39.86	99.40	101.56	101.84	102.70	0.111022	5.61	8.87	25.98	2.10
principale	56	TR 200	46.17	99.40	101.60	101.91	102.78	0.106564	5.66	9.96	26.96	2.08
principale	56	TR 500	54.56	99.40	101.65	101.96	102.90	0.104095	5.79	11.37	28.60	2.07
principale	48		Culvert									
principale	42	TR 50	33.61	99.30	100.92		100.99	0.003309	1.22	30.28	53.34	0.46
principale	42	TR 100	39.86	99.30	101.00		101.07	0.003112	1.25	34.25	53.53	0.45
principale	42	TR 200	46.17	99.30	101.06		101.13	0.003147	1.30	37.34	53.68	0.46
principale	42	TR 500	54.56	99.30	101.12		101.21	0.003322	1.39	40.68	53.84	0.48
principale	10	TR 50	33.61	99.15	100.71	100.57	100.84	0.005994	2.04	22.73	46.24	0.67
principale	10	TR 100	39.86	99.15	100.79	100.68	100.92	0.006006	2.13	26.96	56.40	0.67
principale	10	TR 200	46.17	99.15	100.85	100.70	100.99	0.006001	2.19	30.44	57.95	0.68
principale	10	TR 500	54.56	99.15	100.91	100.82	101.06	0.006001	2.25	34.02	58.27	0.68

COMUNE DI SASSARI

Studio di Assetto Idraulico del territorio comunale

Variante al PAI ai sensi dell'art. 374 c.3 delle N.A.

Aggiornamento a seguito di prescrizioni (prot. N. 12928 del 30.12.2020)

Area di indagine: **TERRITORIO COMUNALE**

SIMULAZIONI IN MOTO PERMANENTE

Modello 4 : Rio San Giovanni

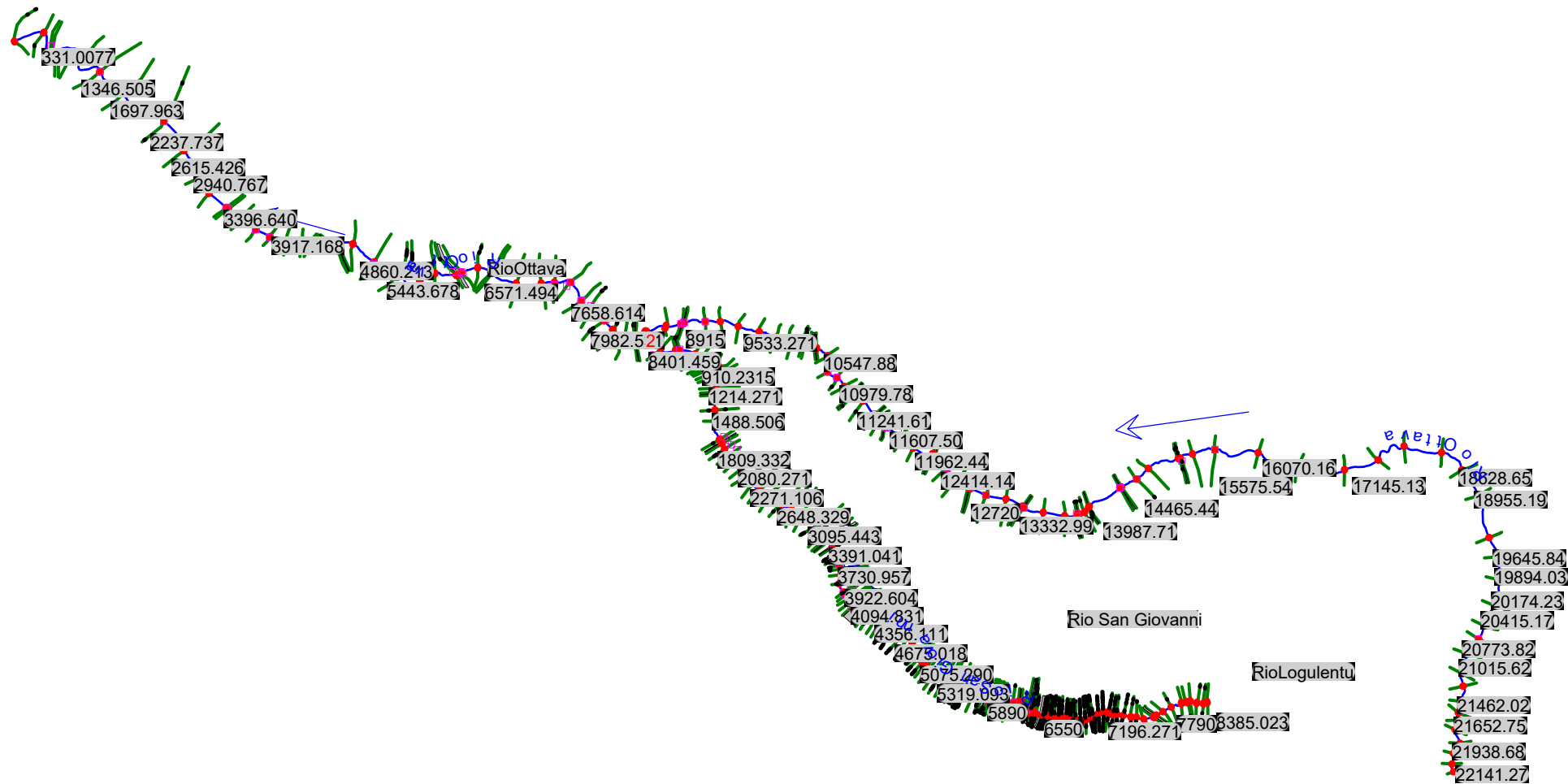
Componenti:

Rio San Giovanni
Rio Ottava

- Schema planimetrico del modello matematico;
- Profili longitudinali con livelli idrici per i tempi di ritorno 50, 100, 200 e 500 anni;
- Sezioni trasversali con livelli idrici per tempi di ritorno 50, 100, 200 e 500 anni;
- Tabulati numerici di output per tempi di ritorno 50, 100, 200 e 500 anni;
- Calcolo della portata critica;
- Profilo longitudinale del livello idrico per il tempo di ritorno critico TC;
- Verifica dei franchi idraulici e della portata critica;

River	Reach	RS	PORTATE mc/s			
			tr 50	tr 100	tr 200	tr 500
Rio San Giovanni	Rio San Giovanni	8385.023	71.862	85.578	99.437	117.91
Rio San Giovanni	Rio San Giovanni	3922.604	84.683	100.367	116.17	137.183
Rio San Giovanni	Rio San Giovanni	1488.506	94.946	112.437	130.052	153.462
RioOttava	RioLogulentu	22141.27	62.054	74.678	87.54	104.912
RioOttava	RioLogulentu	18322.6	140.862	170.425	200.53	240.937
RioOttava	RioLogulentu	15575.54	164.347	198.17	232.545	278.602
RioOttava	RioLogulentu	13770.69	167.234	200.874	234.986	280.599
RioOttava	RioOttava	8401.459	264.456	313.025	361.886	426.74

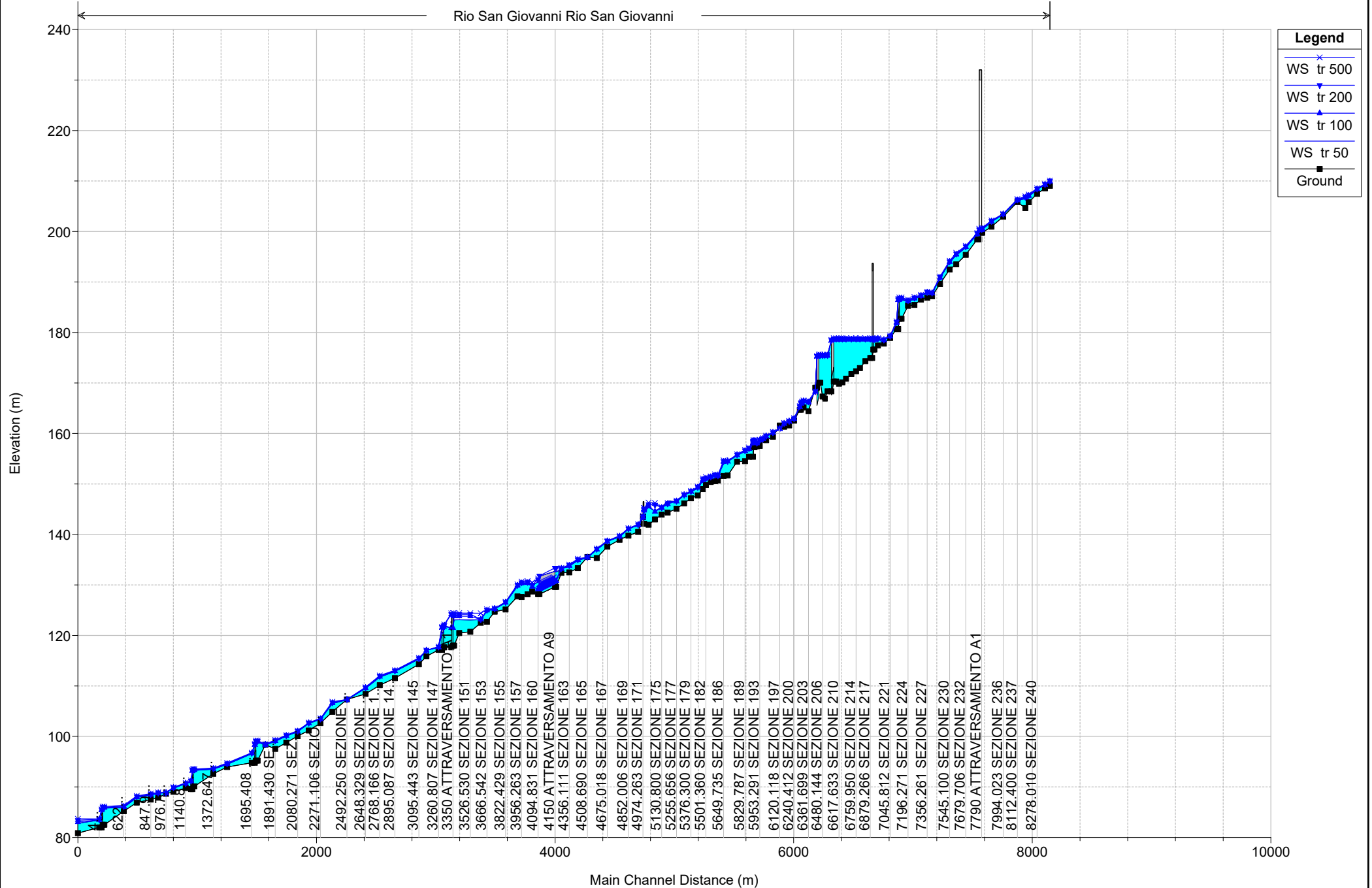
			condizioni al contorno	
River	Reach	PROFILI	upstream	downstream
Rio San Giovanni	Rio San Giovanni	all	Critical Depth	Junction=2
RioOttava	RioLogulentu	all	Critical Depth	Junction=2
RioOttava	RioOttava	all	Junction=2	Normal Depth $S = 0.02$



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI

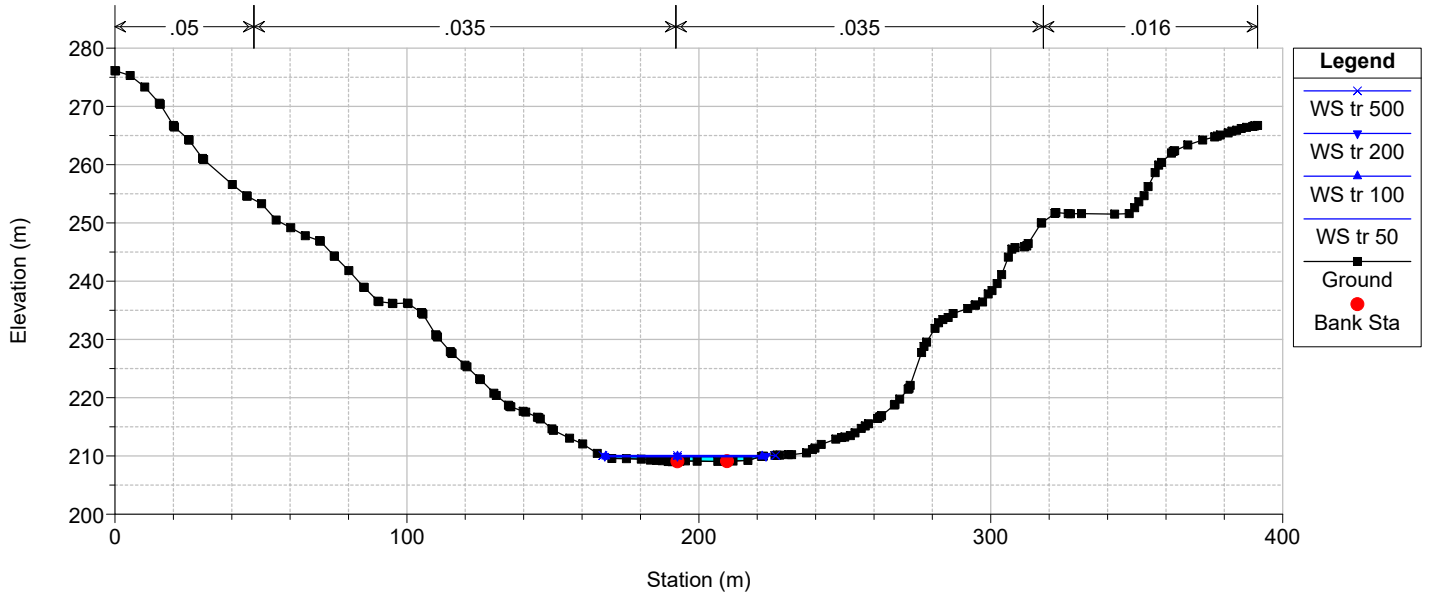
Rio San Giovanni Rio San Giovanni



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

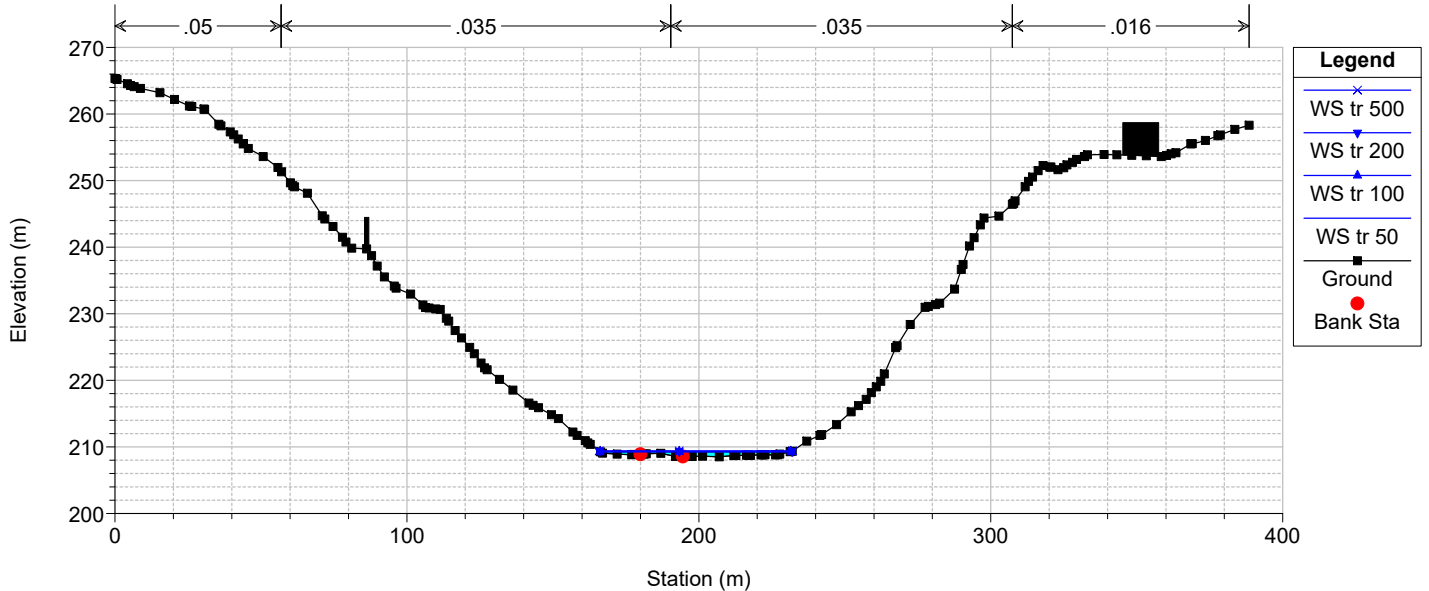
River = Rio San Giovanni Reach = Rio San Giovanni RS = 8385.023 SEZIONE 242 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

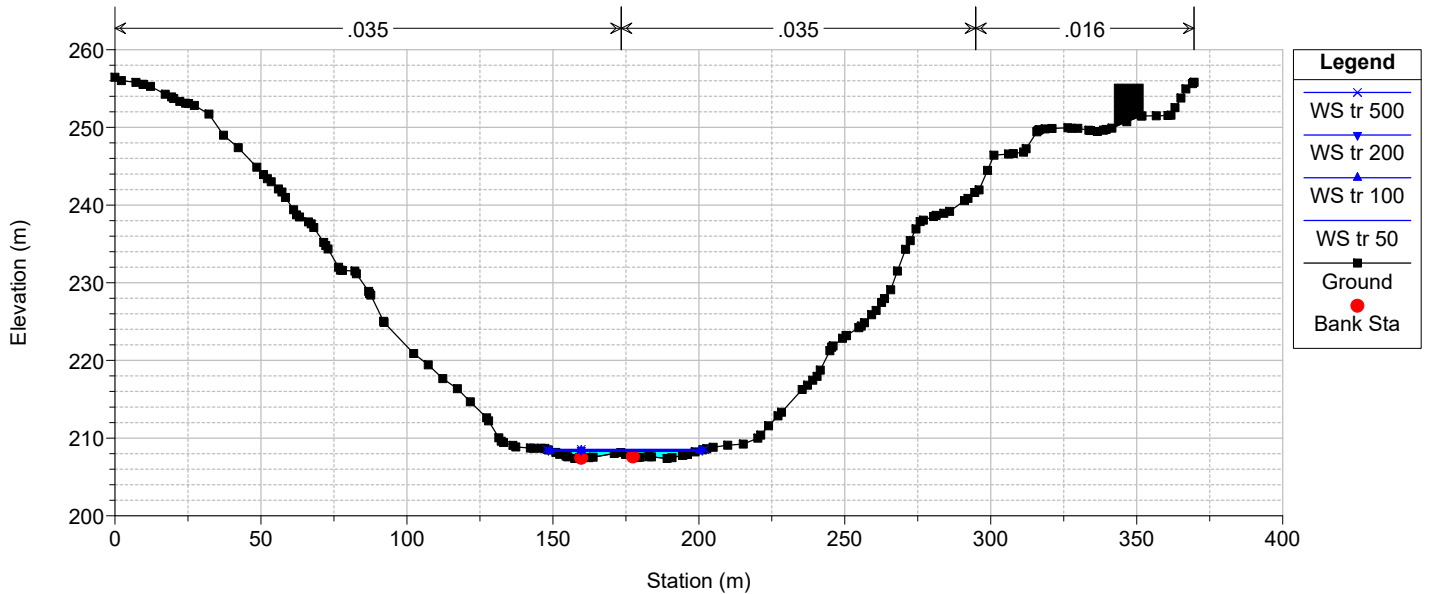
River = Rio San Giovanni Reach = Rio San Giovanni RS = 8344.578 SEZIONE 241 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

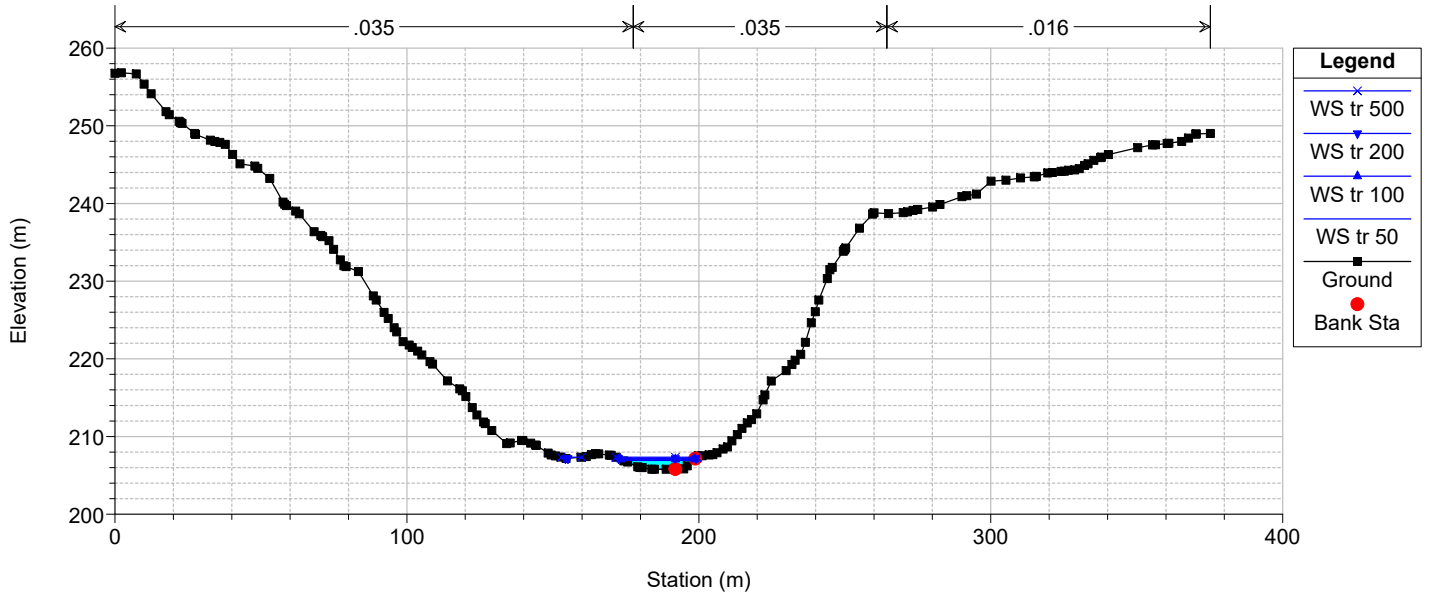
River = Rio San Giovanni Reach = Rio San Giovanni RS = 8278.010 SEZIONE 240 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

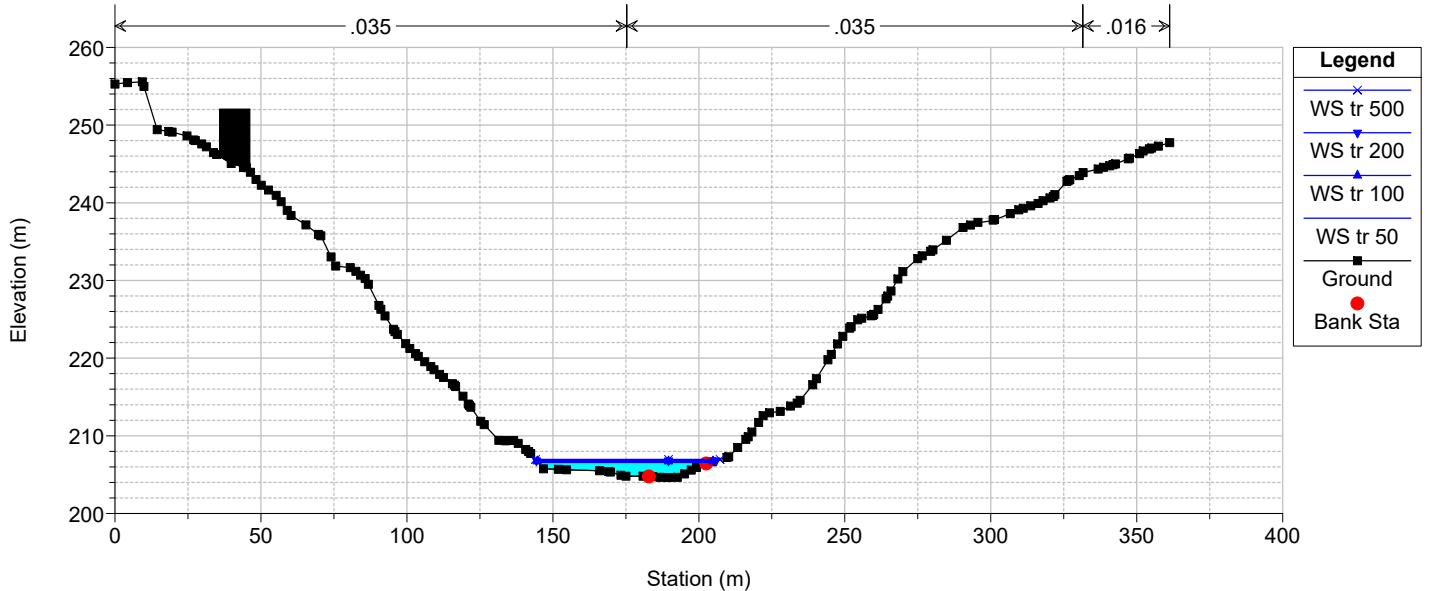
River = Rio San Giovanni Reach = Rio San Giovanni RS = 8207.571 SEZIONE 239 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

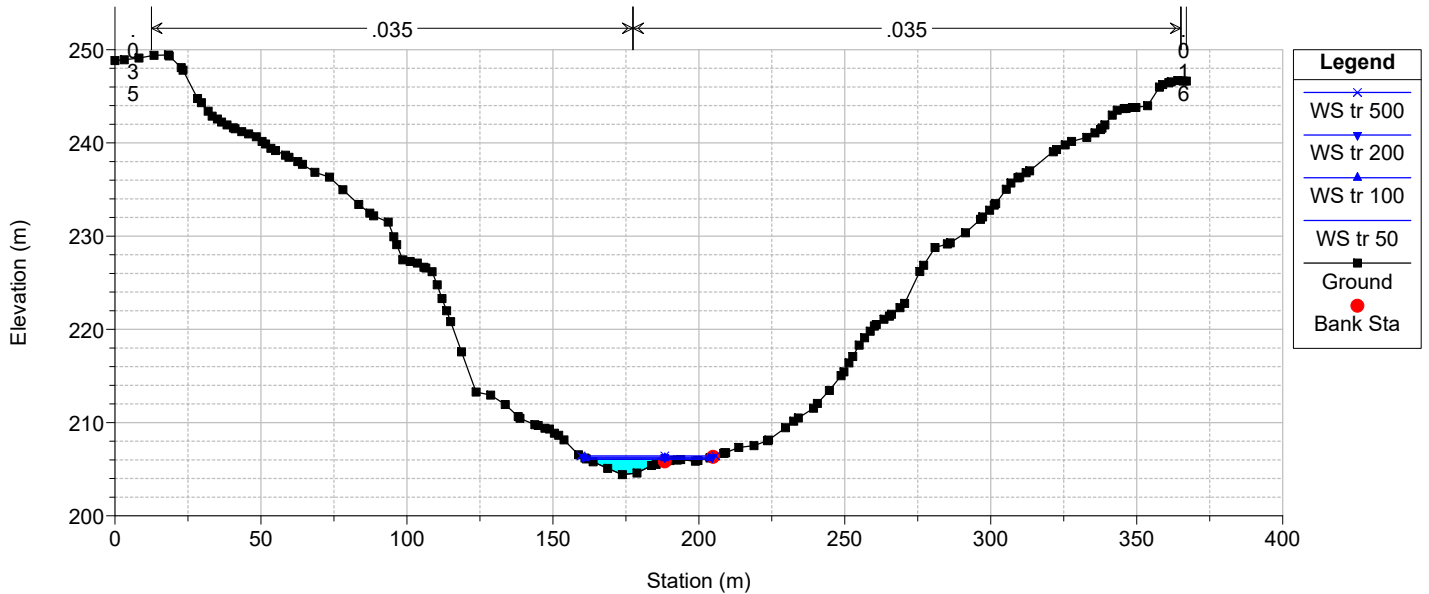
River = Rio San Giovanni Reach = Rio San Giovanni RS = 8179.541 SEZIONE 238 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

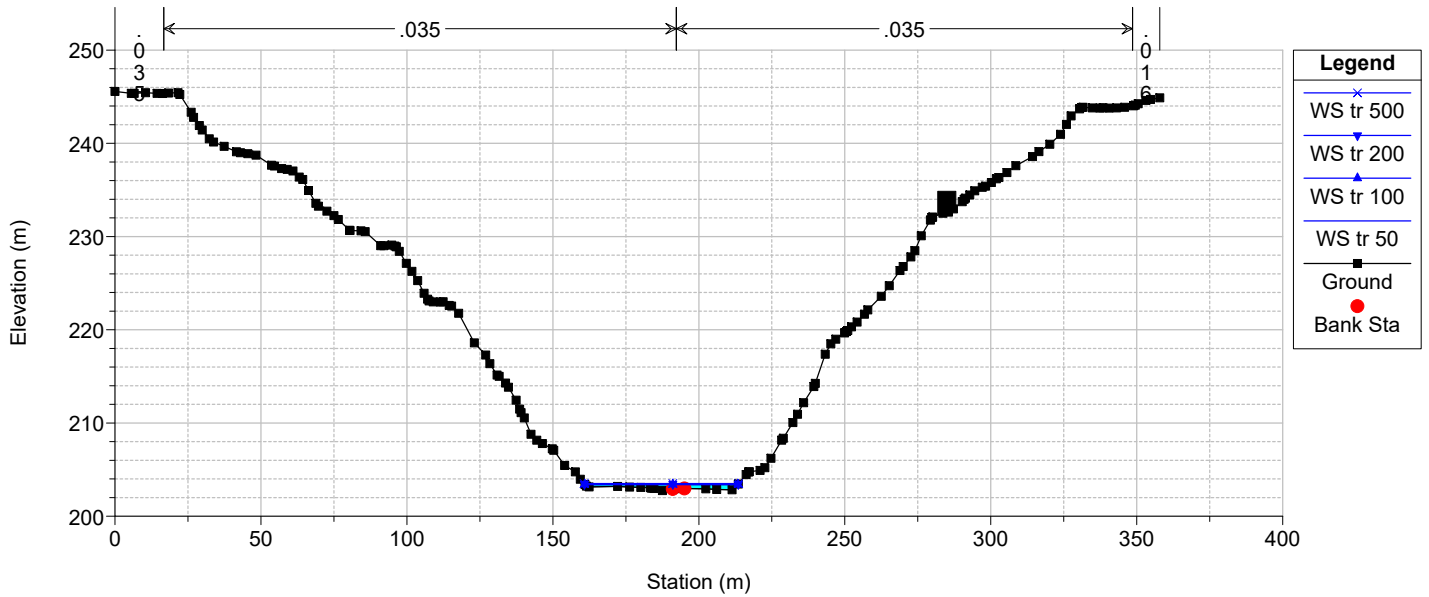
River = Rio San Giovanni Reach = Rio San Giovanni RS = 8112.400 SEZIONE 237 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

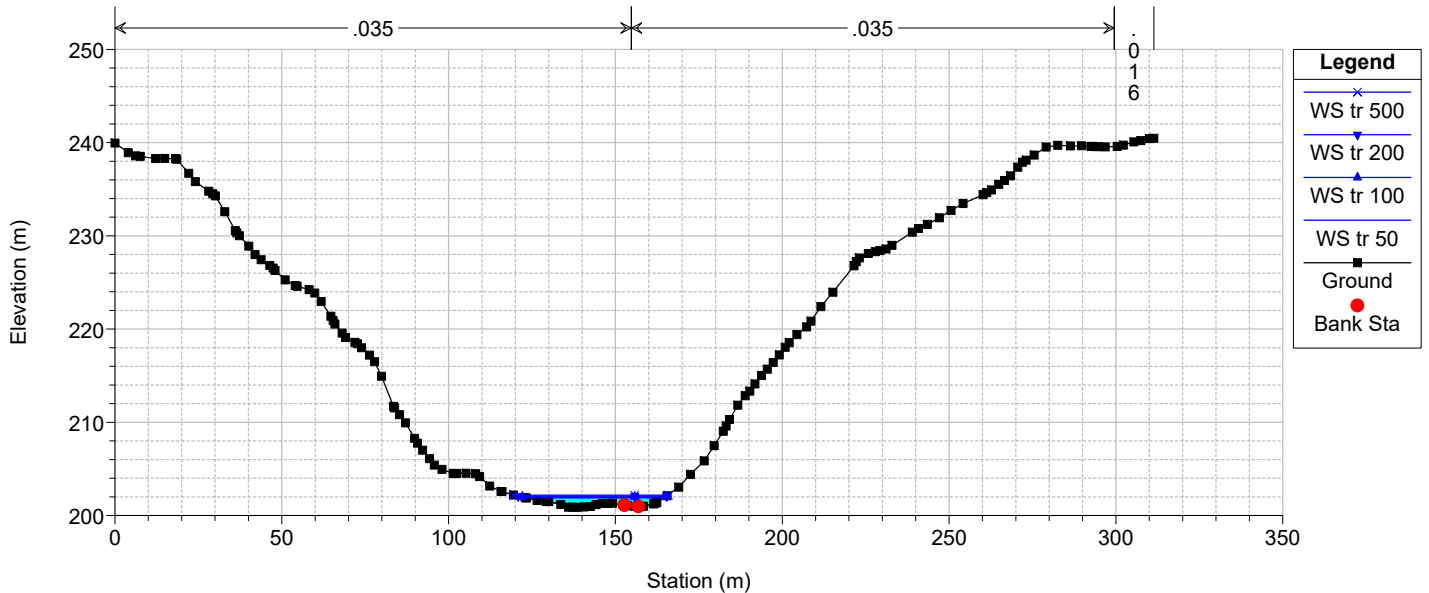
River = Rio San Giovanni Reach = Rio San Giovanni RS = 7994.023 SEZIONE 236 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

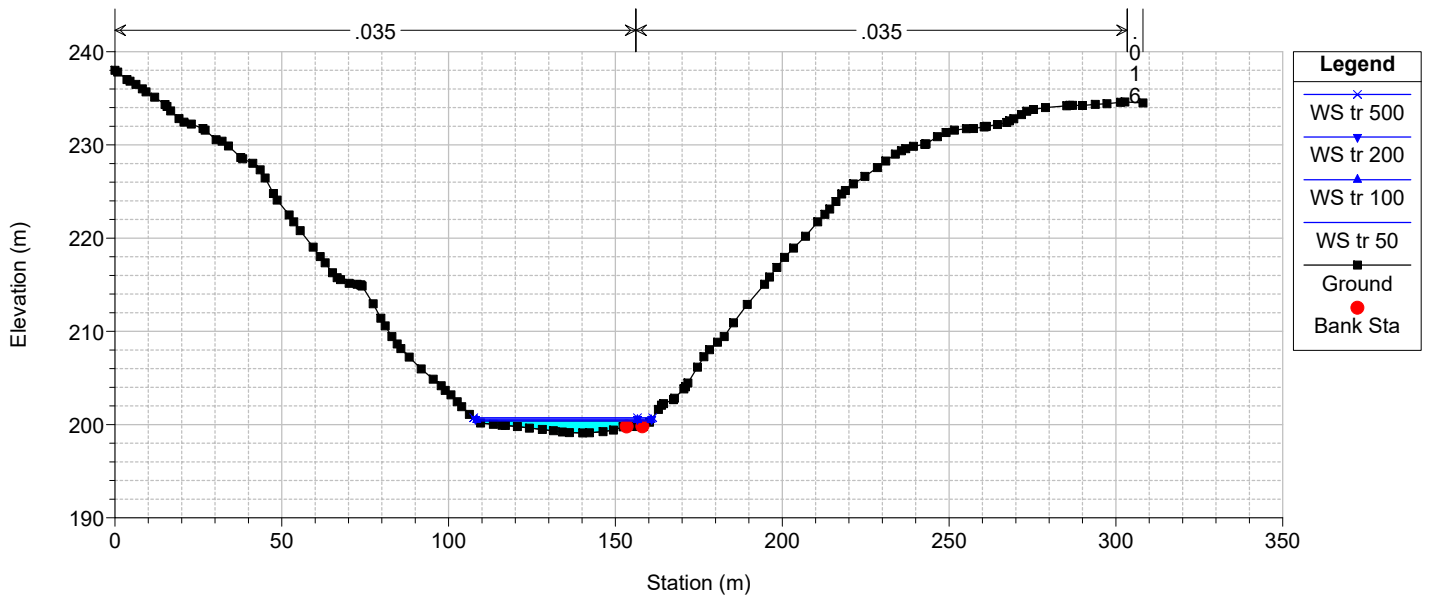
River = Rio San Giovanni Reach = Rio San Giovanni RS = 7895.203 SEZIONE 235 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

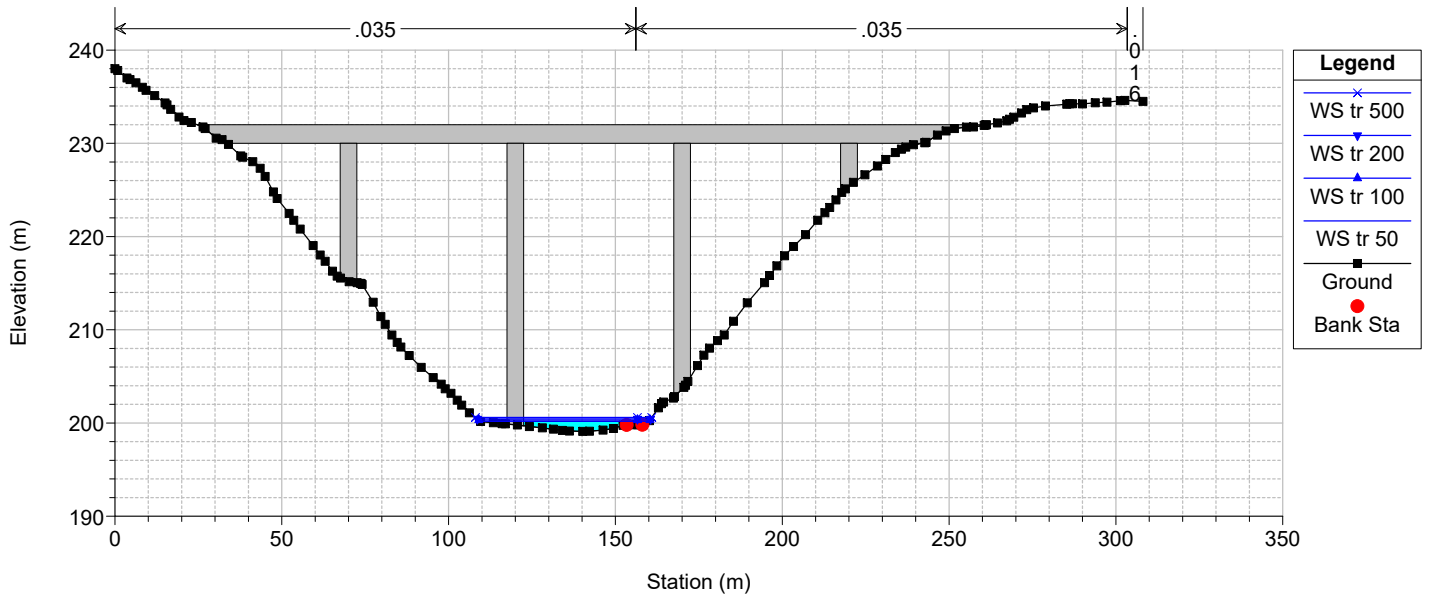
River = Rio San Giovanni Reach = Rio San Giovanni RS = 7818.173 SEZIONE 234 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

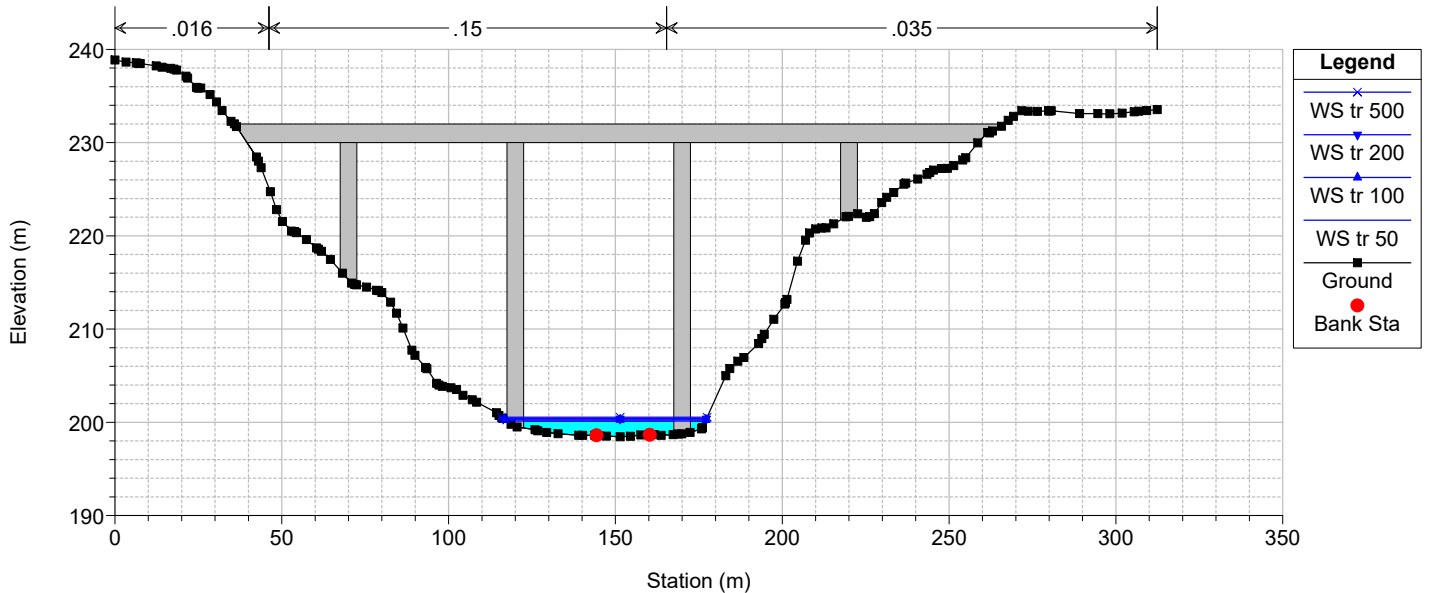
River = Rio San Giovanni Reach = Rio San Giovanni RS = 7790 BR ATTRAVERSAMENTO A1 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

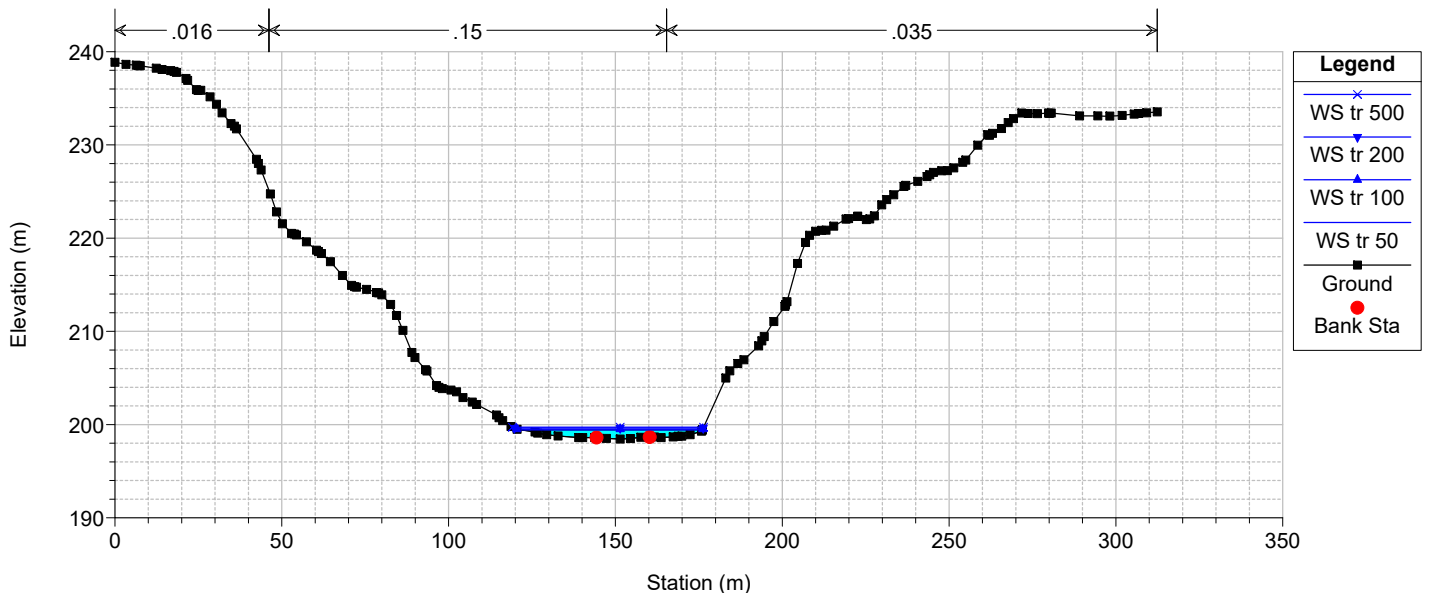
River = Rio San Giovanni Reach = Rio San Giovanni RS = 7790 BR ATTRAVERSAMENTO A1 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

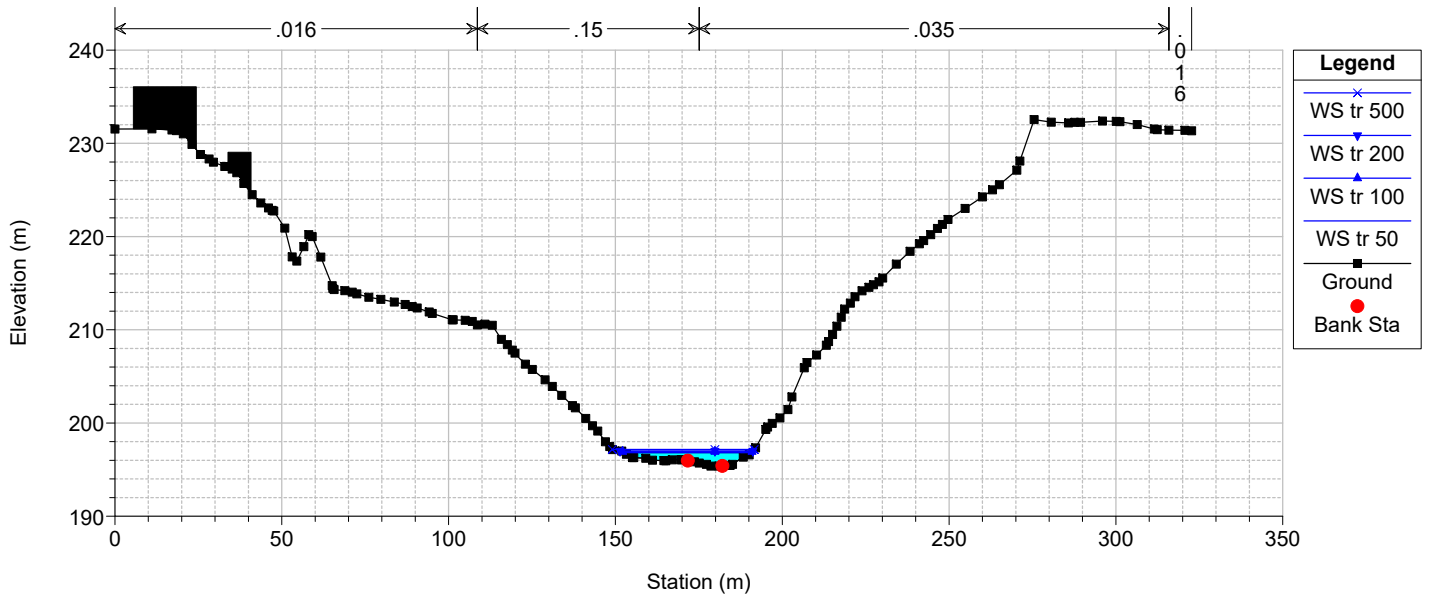
River = Rio San Giovanni Reach = Rio San Giovanni RS = 7775.815 SEZIONE 233 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

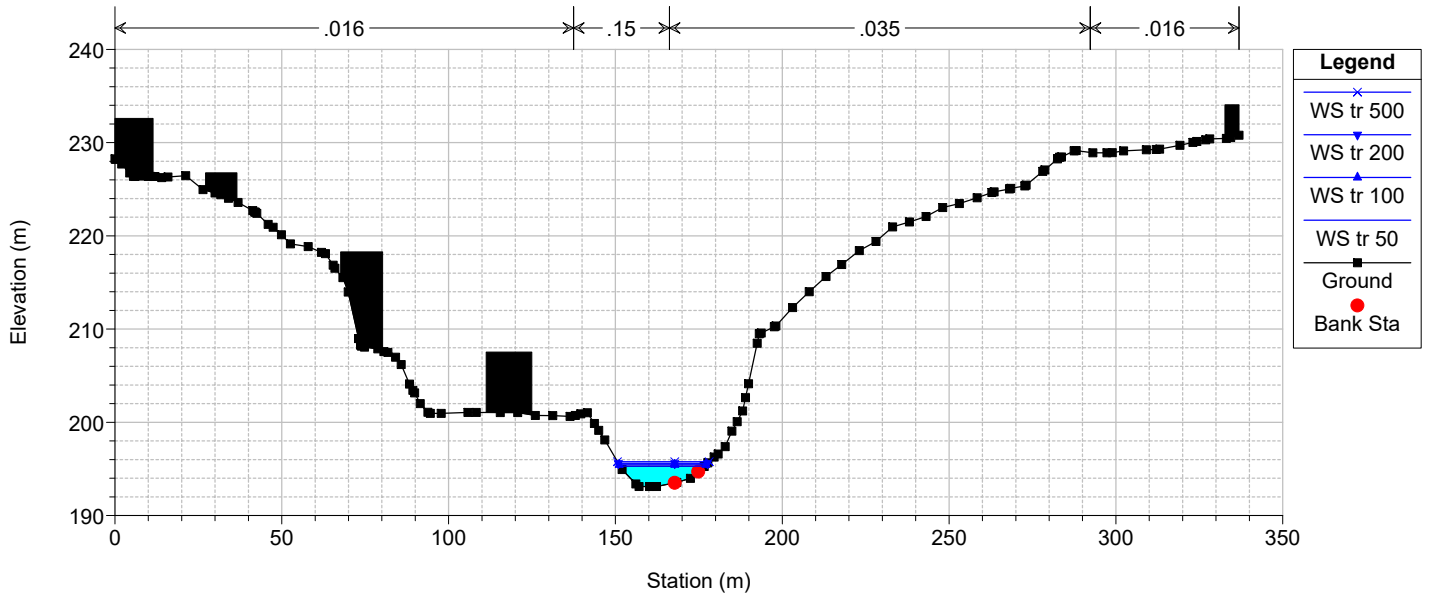
River = Rio San Giovanni Reach = Rio San Giovanni RS = 7679.706 SEZIONE 232 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

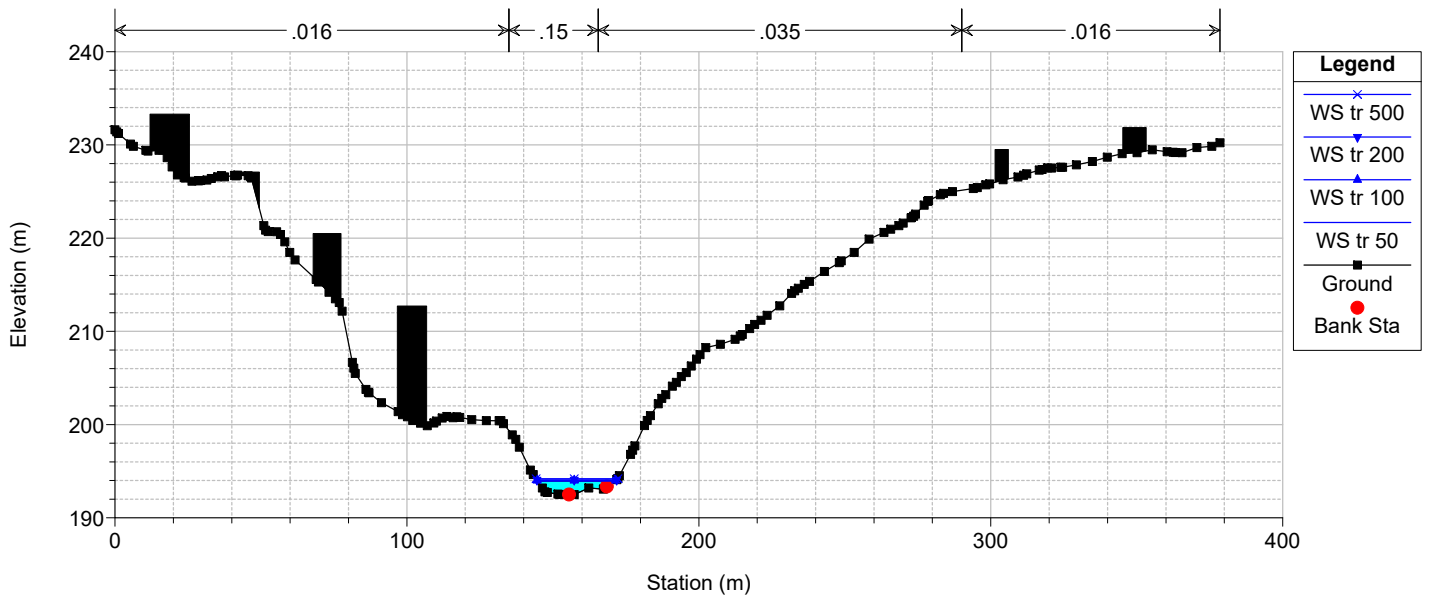
River = Rio San Giovanni Reach = Rio San Giovanni RS = 7599.932 SEZIONE 231 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

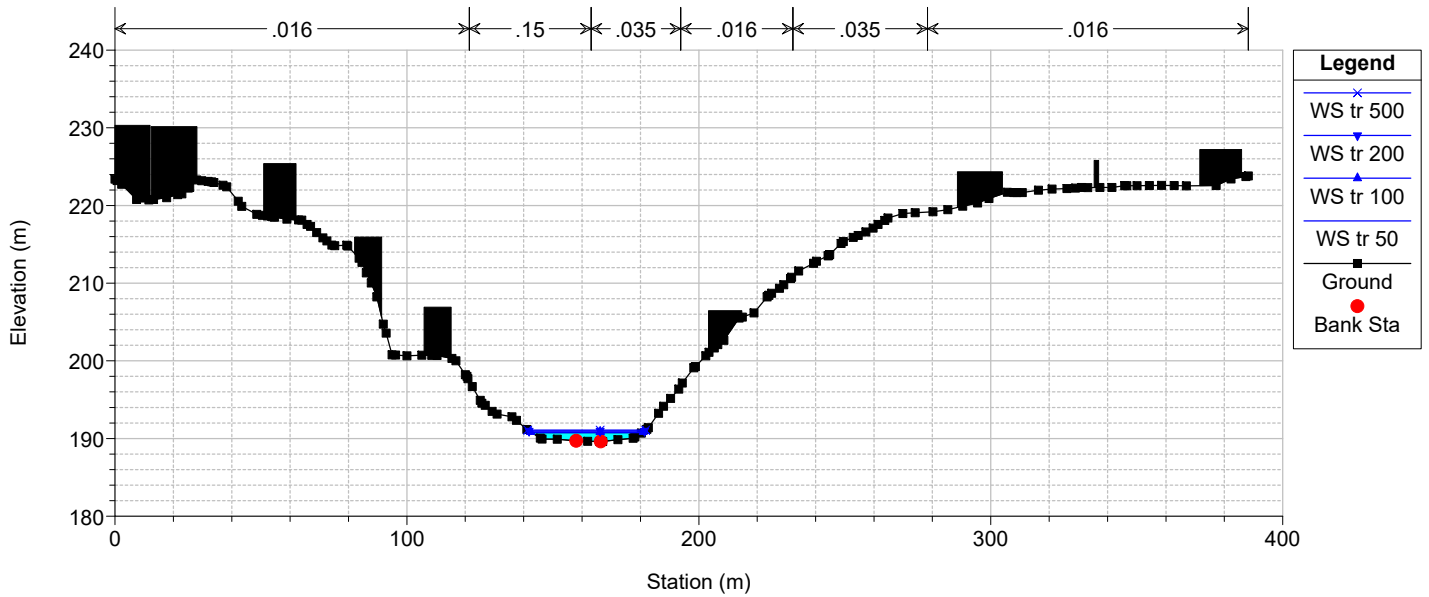
River = Rio San Giovanni Reach = Rio San Giovanni RS = 7545.100 SEZIONE 230 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

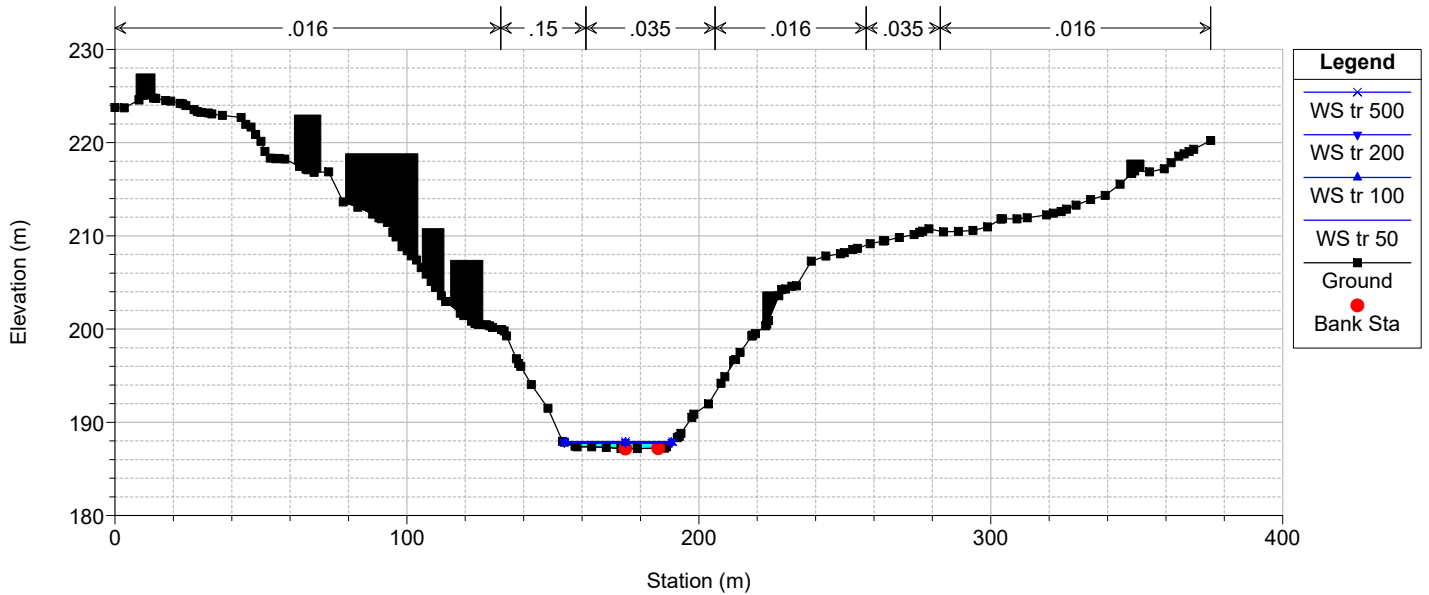
River = Rio San Giovanni Reach = Rio San Giovanni RS = 7464.300 SEZIONE 229 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

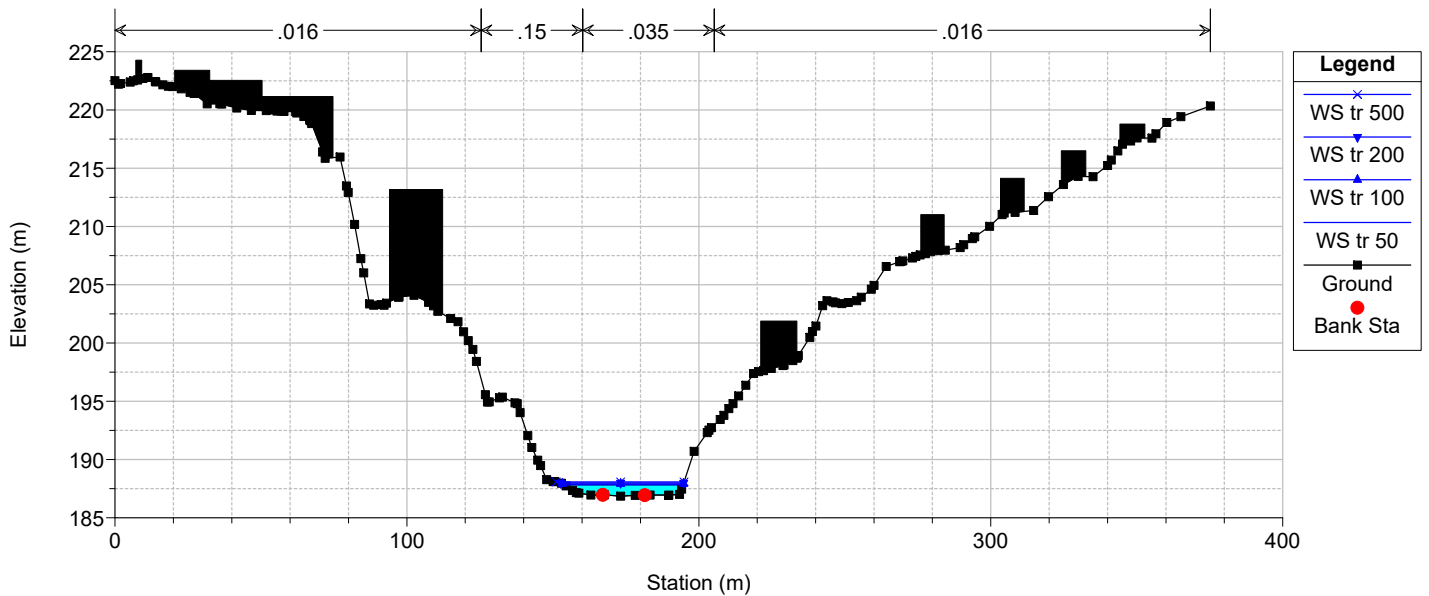
River = Rio San Giovanni Reach = Rio San Giovanni RS = 7397.736 SEZIONE 228 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

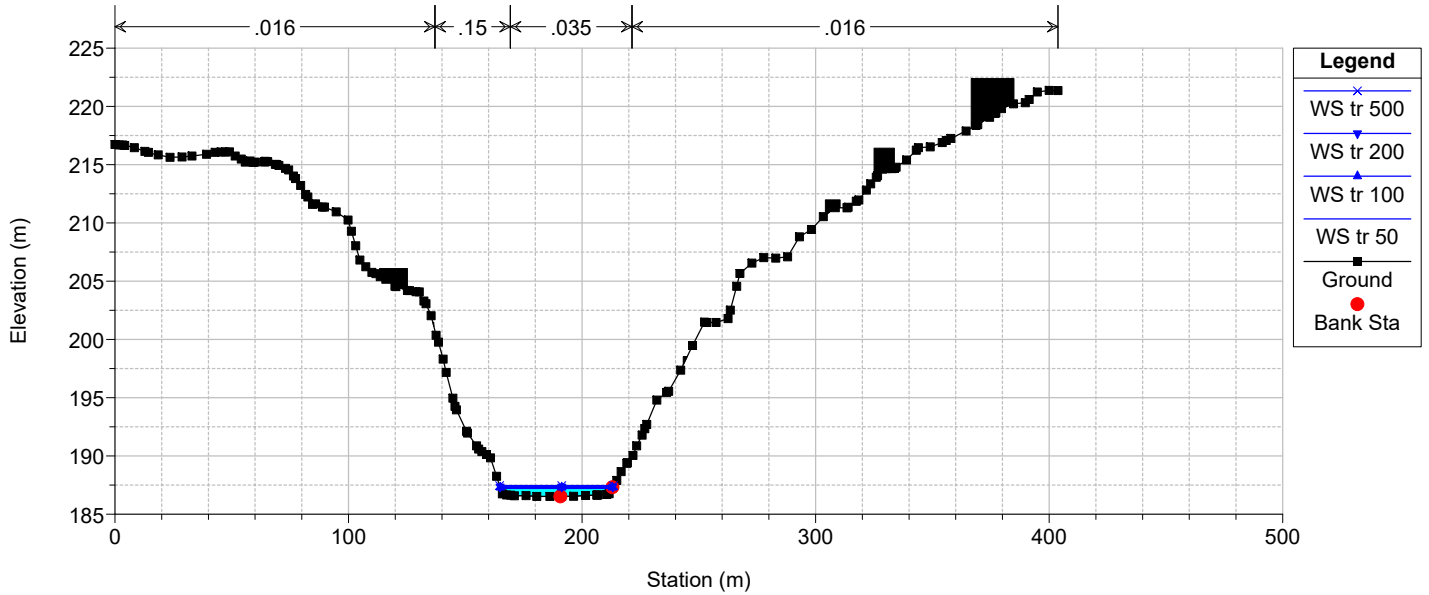
River = Rio San Giovanni Reach = Rio San Giovanni RS = 7356.261 SEZIONE 227 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



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Geom: 05022021 Flow: 05022021

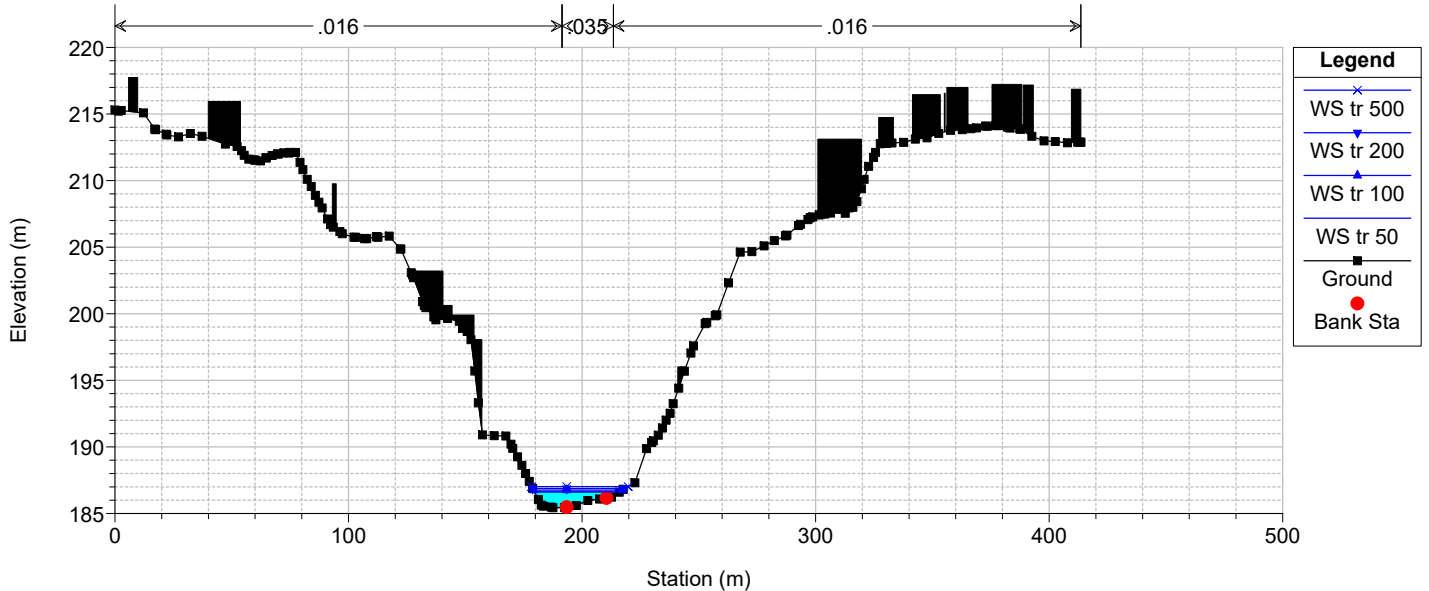
River = Rio San Giovanni Reach = Rio San Giovanni RS = 7304.761 SEZIONE 226 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

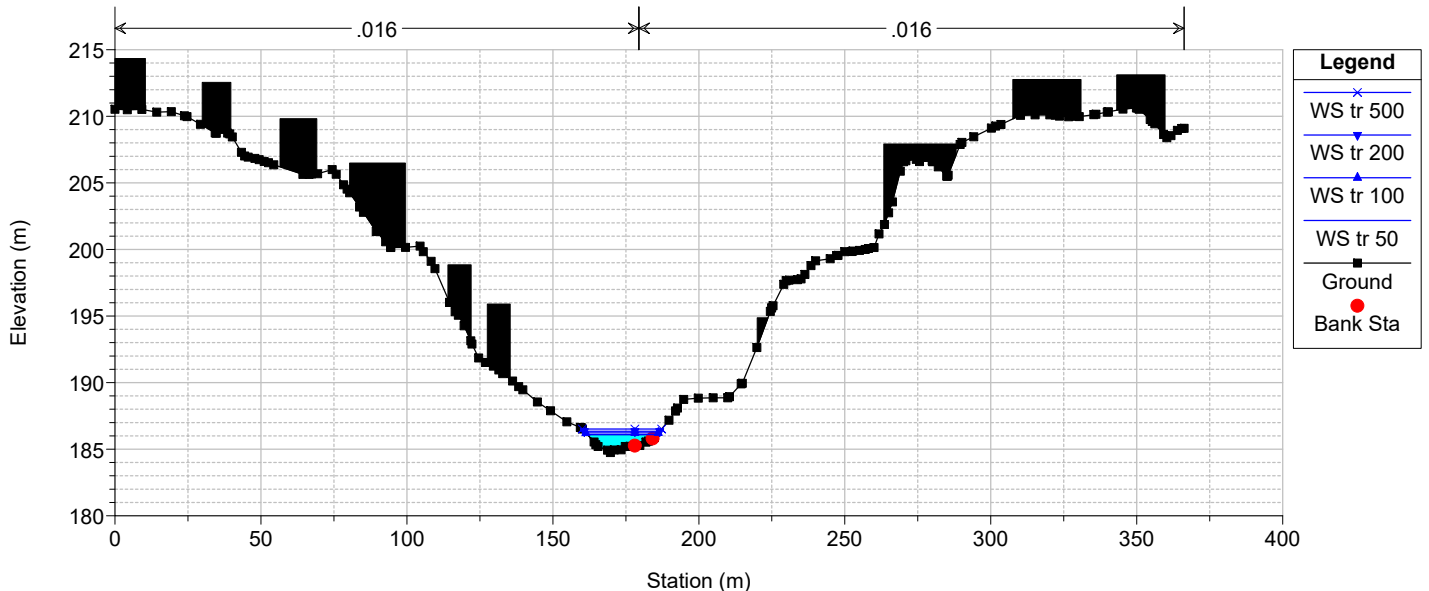
River = Rio San Giovanni Reach = Rio San Giovanni RS = 7249.707 SEZIONE 225 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

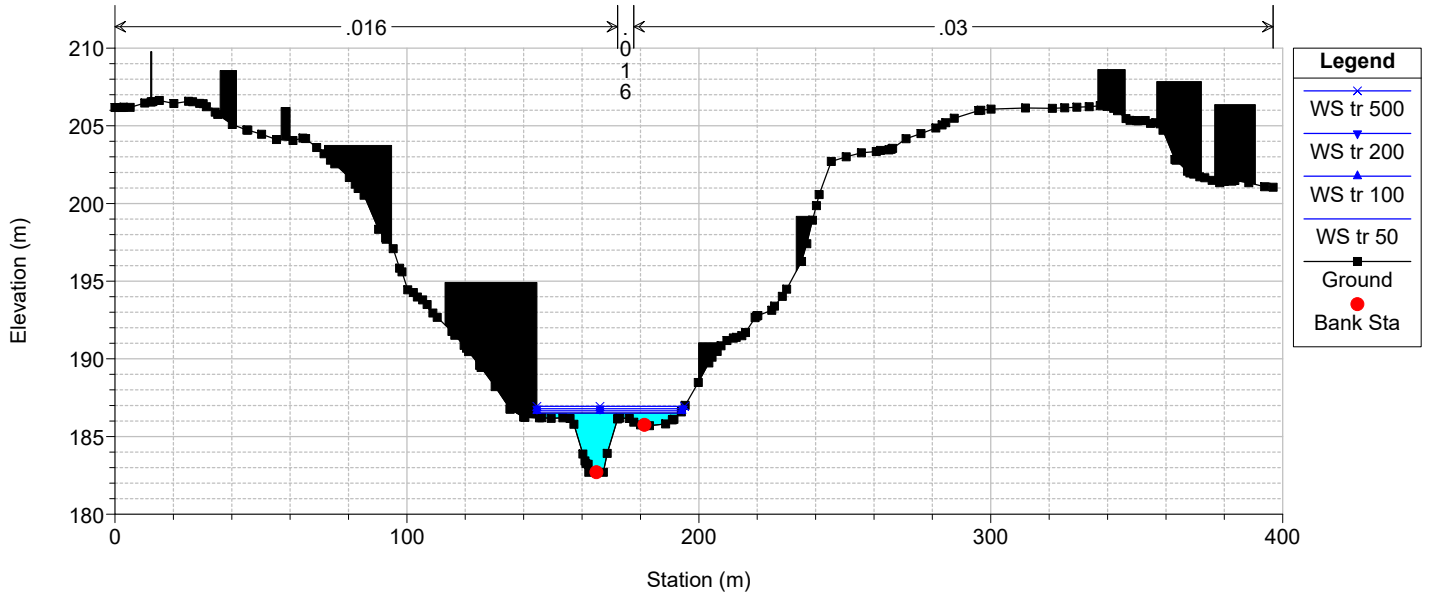
River = Rio San Giovanni Reach = Rio San Giovanni RS = 7196.271 SEZIONE 224 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

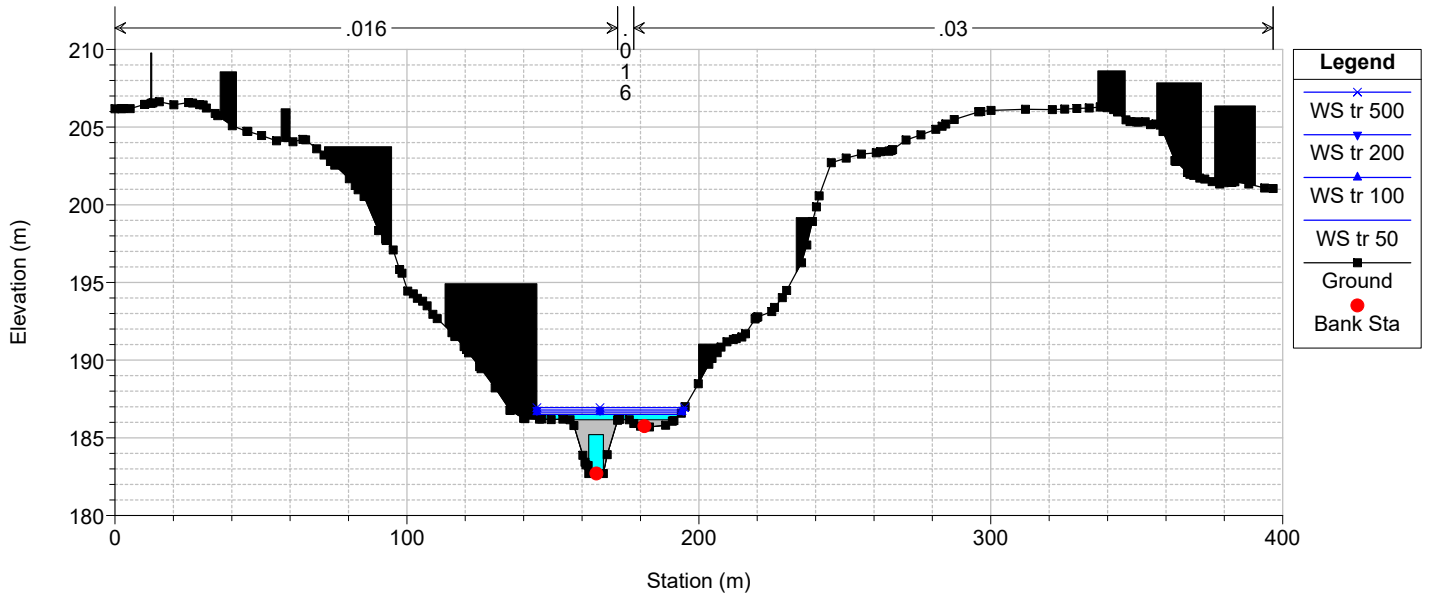
River = Rio San Giovanni Reach = Rio San Giovanni RS = 7141.924 SEZIONE 223 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

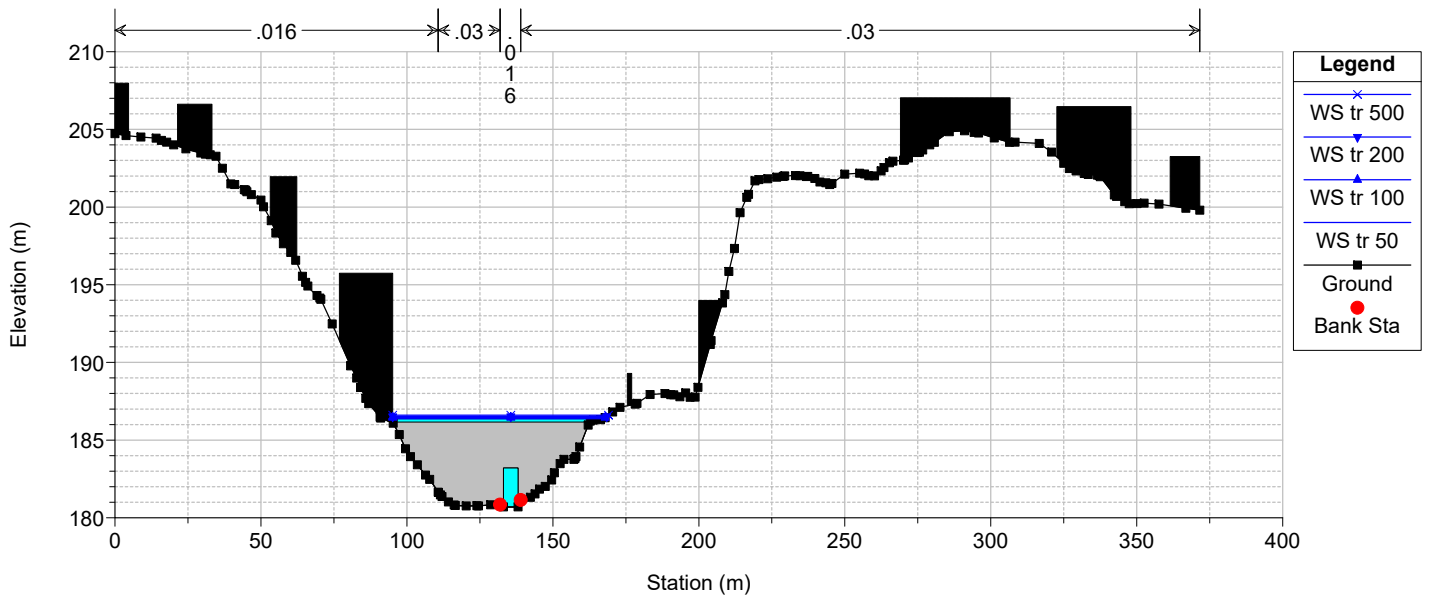
River = Rio San Giovanni Reach = Rio San Giovanni RS = 7120 Culv ATTRAVERSAMENTO A2 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

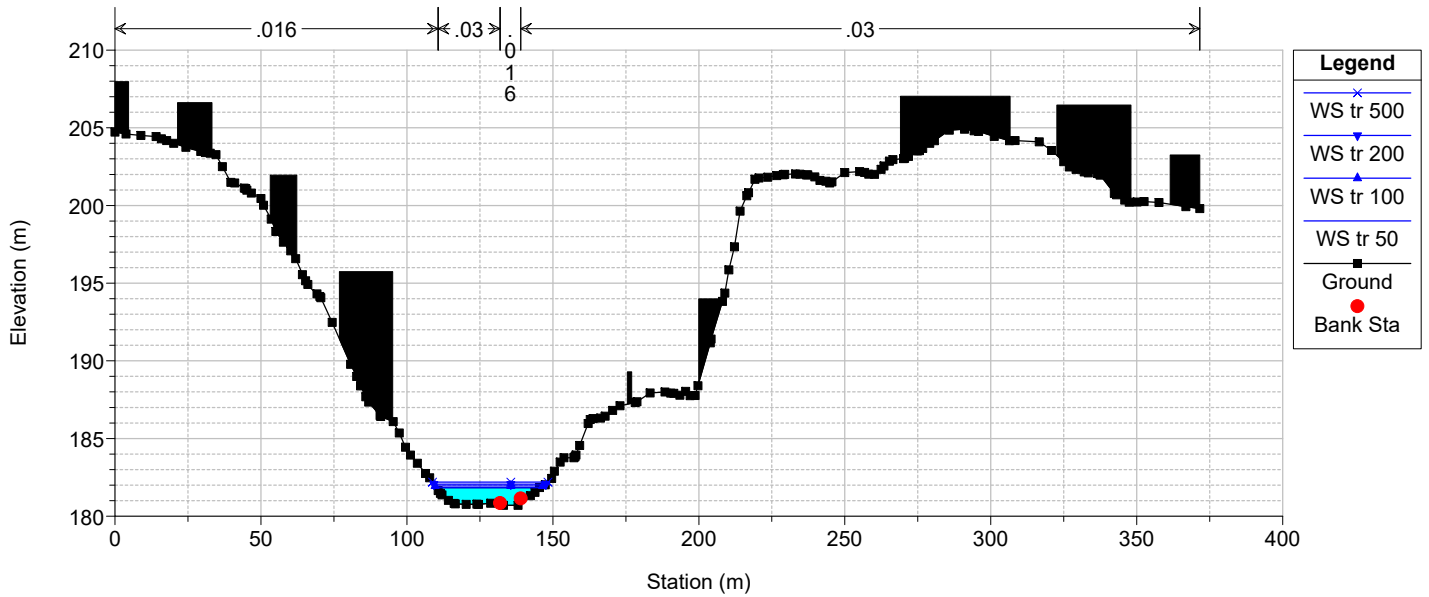
River = Rio San Giovanni Reach = Rio San Giovanni RS = 7120 Culv. = **ATTRAVERSAMENTO A2 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI**



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

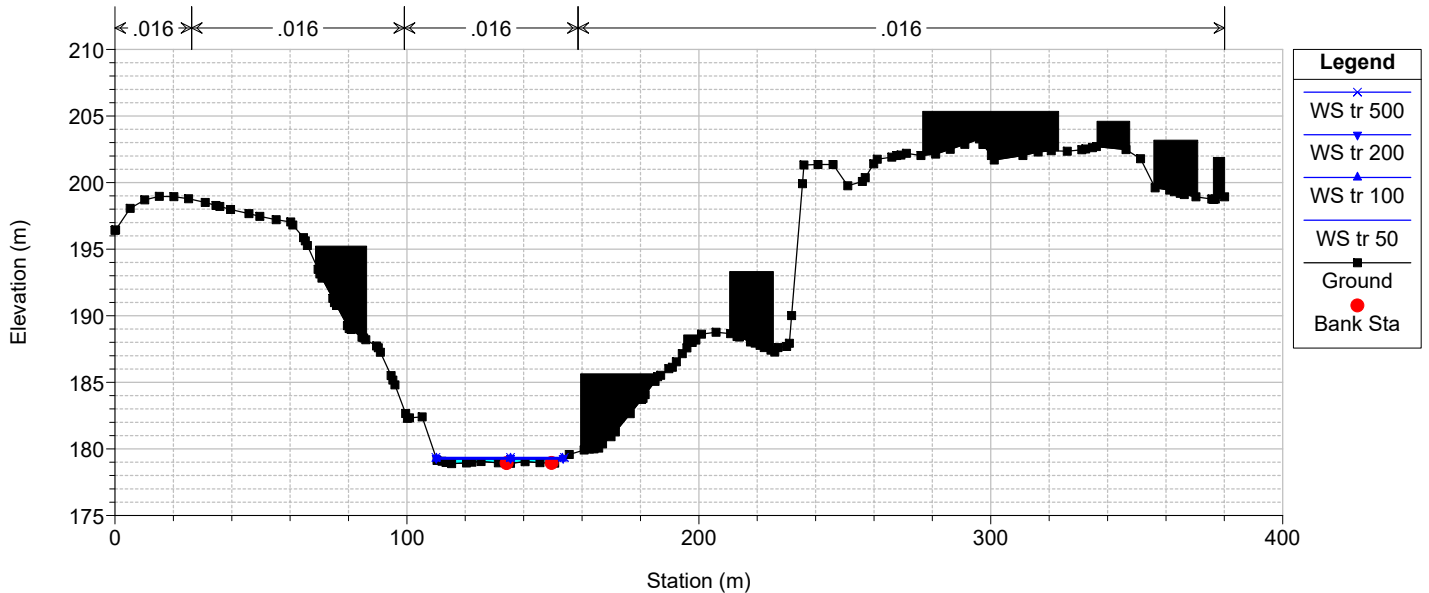
River = Rio San Giovanni Reach = Rio San Giovanni RS = 7099.223 SEZIONE 221 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

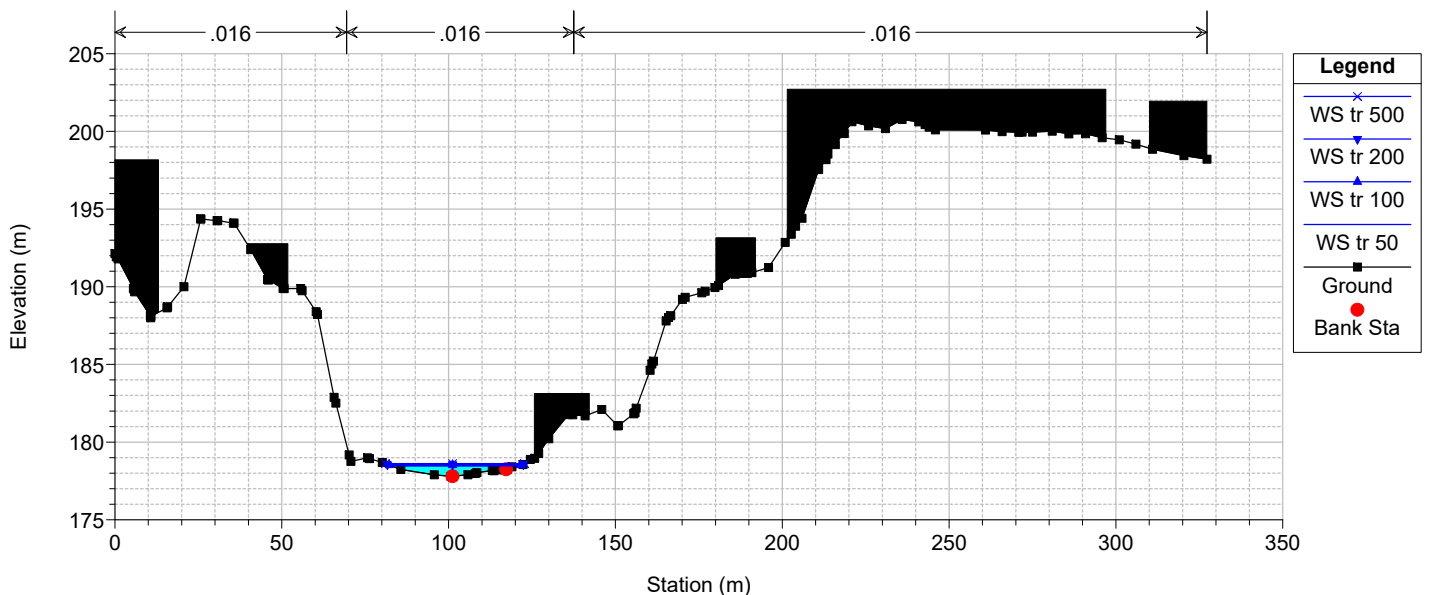
River = Rio San Giovanni Reach = Rio San Giovanni RS = 7045.812 SEZIONE 221 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

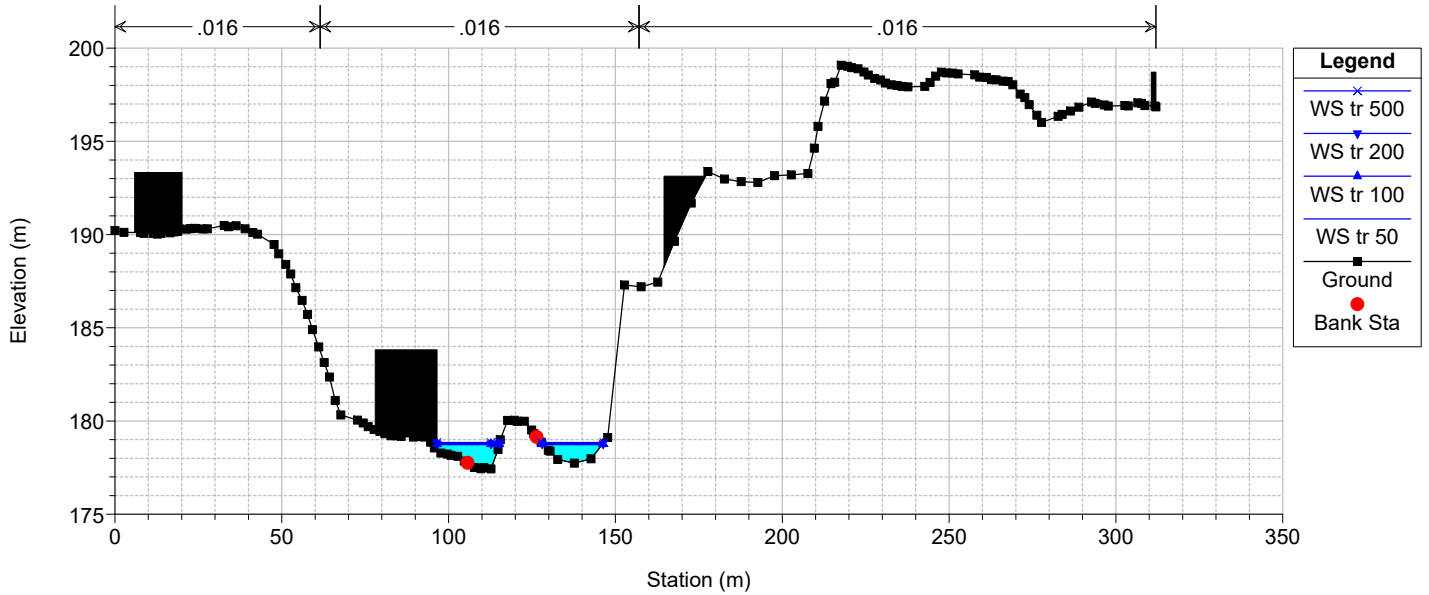
River = Rio San Giovanni Reach = Rio San Giovanni RS = 6993.365 SEZIONE 221 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

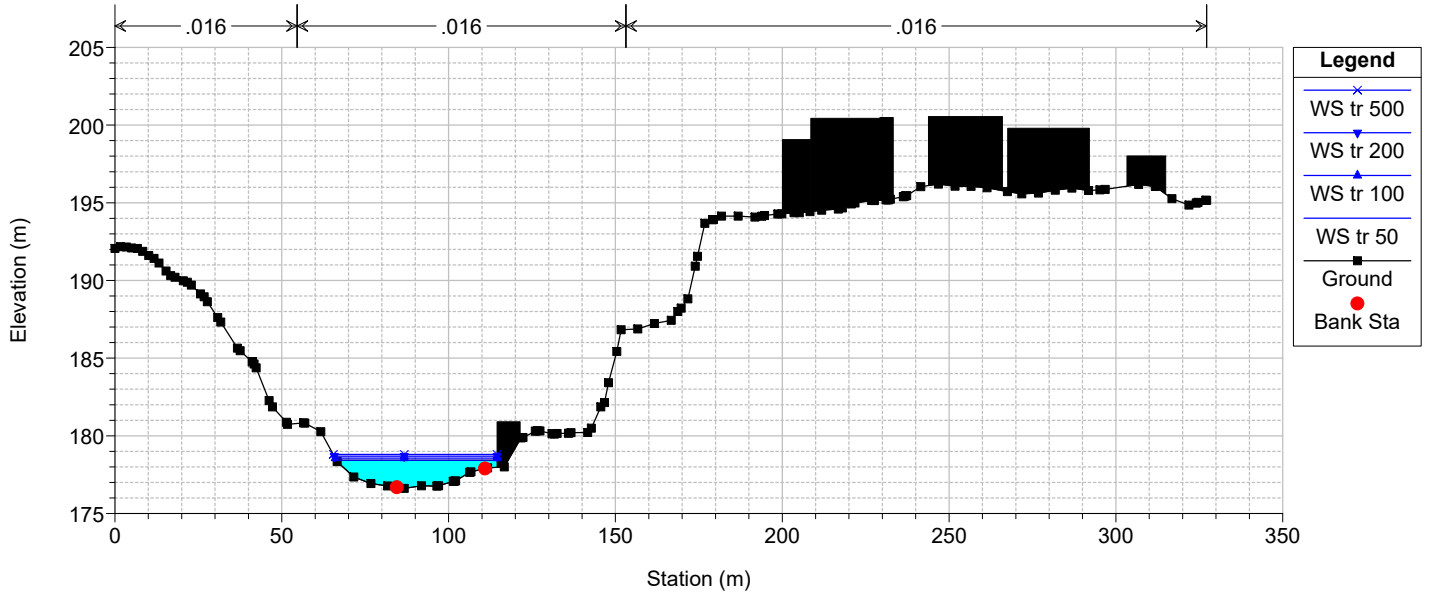
River = Rio San Giovanni Reach = Rio San Giovanni RS = 6943.140 SEZIONE 219 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

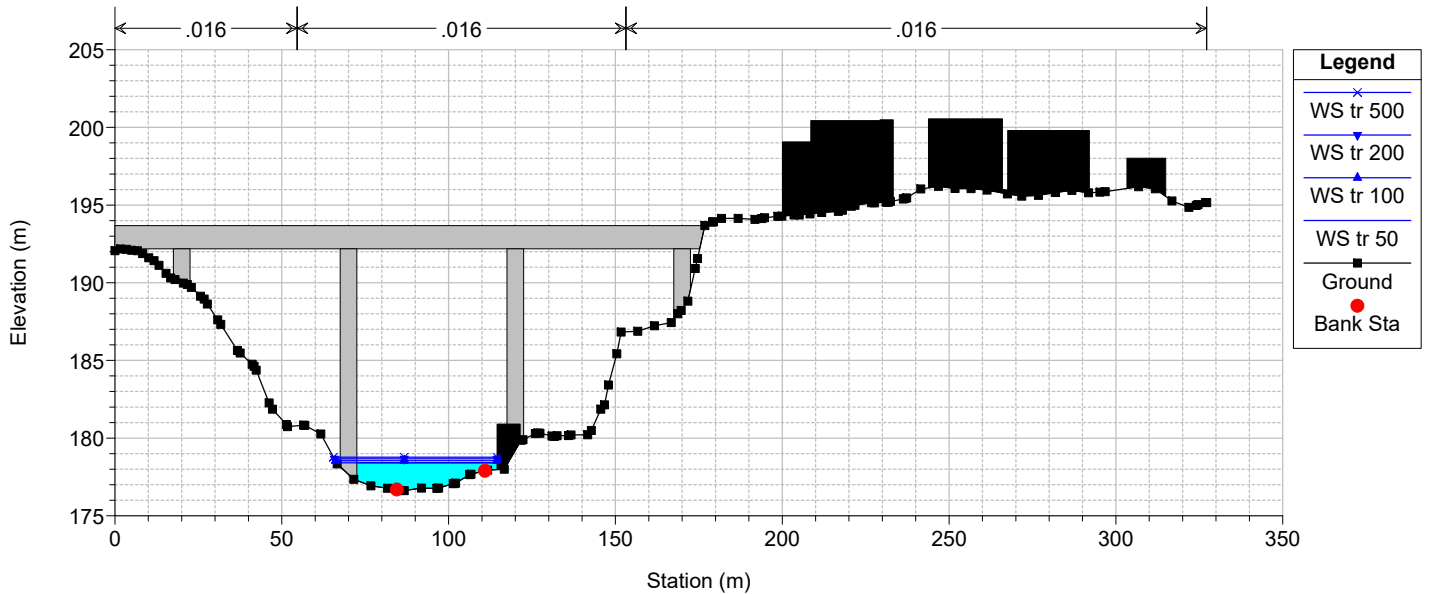
River = Rio San Giovanni Reach = Rio San Giovanni RS = 6915.057 SEZIONE 218 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

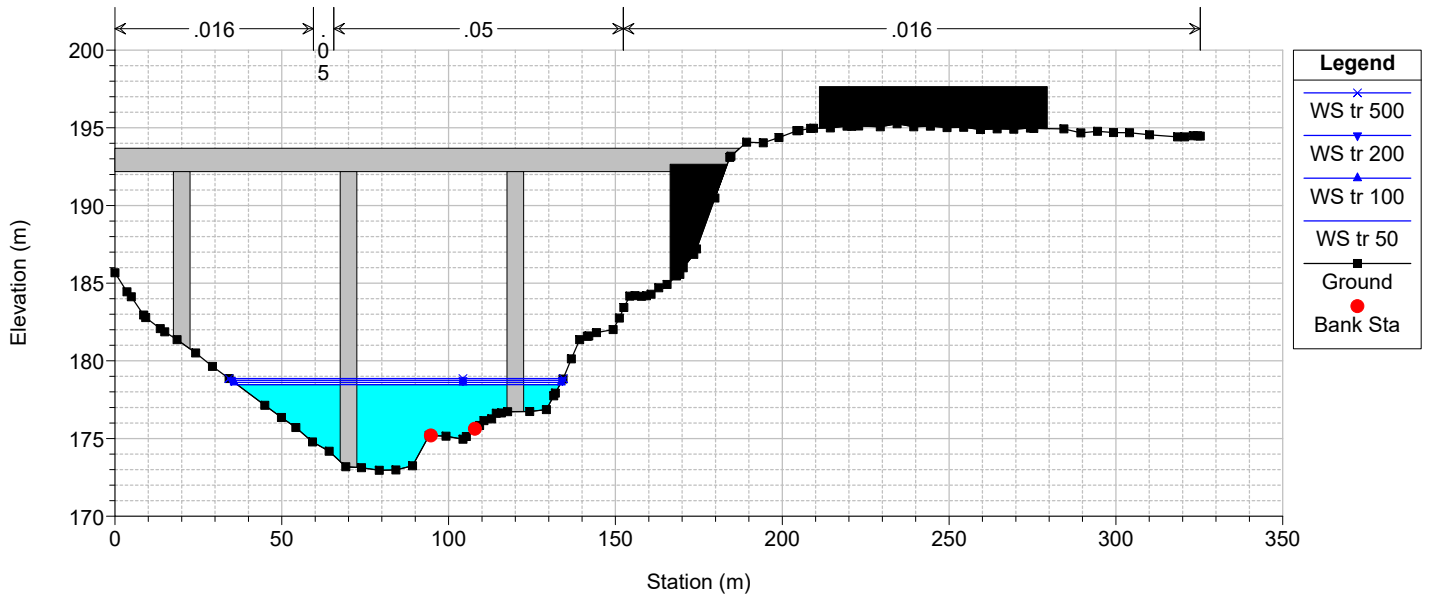
River = Rio San Giovanni Reach = Rio San Giovanni RS = 6890 BR ATTRAVERSAMENTO A3 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

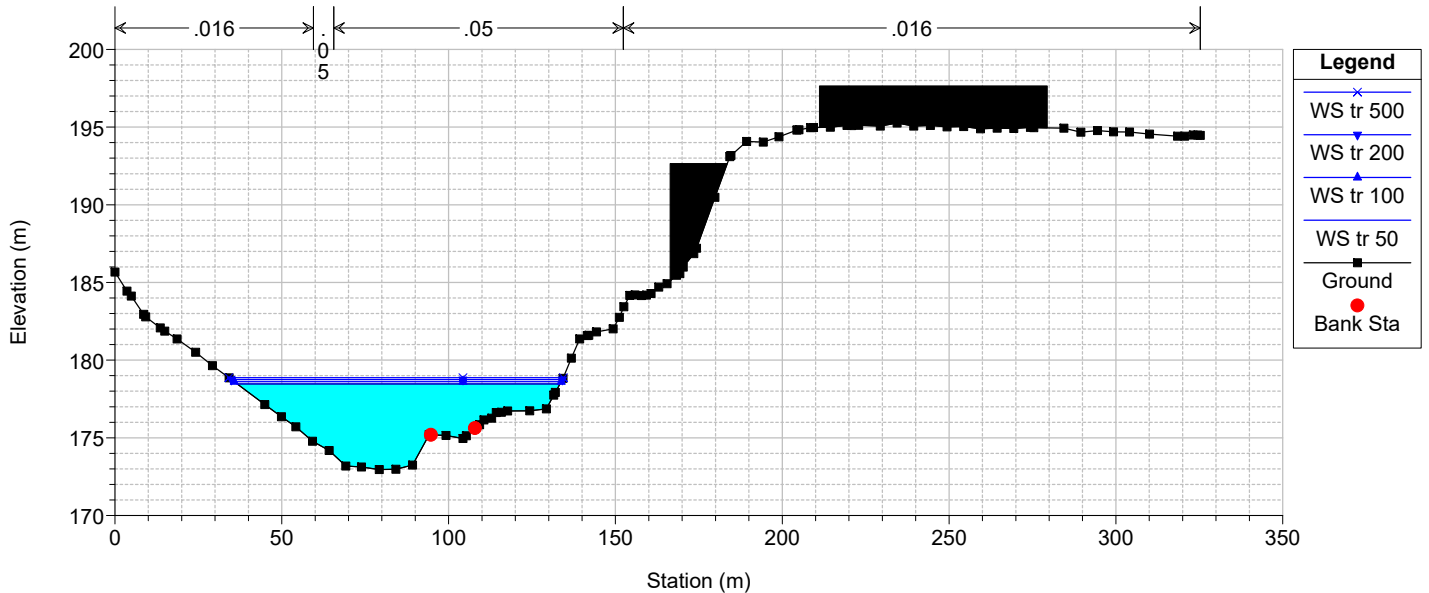
River = Rio San Giovanni Reach = Rio San Giovanni RS = 6890 BR ATTRAVERSAMENTO A3 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

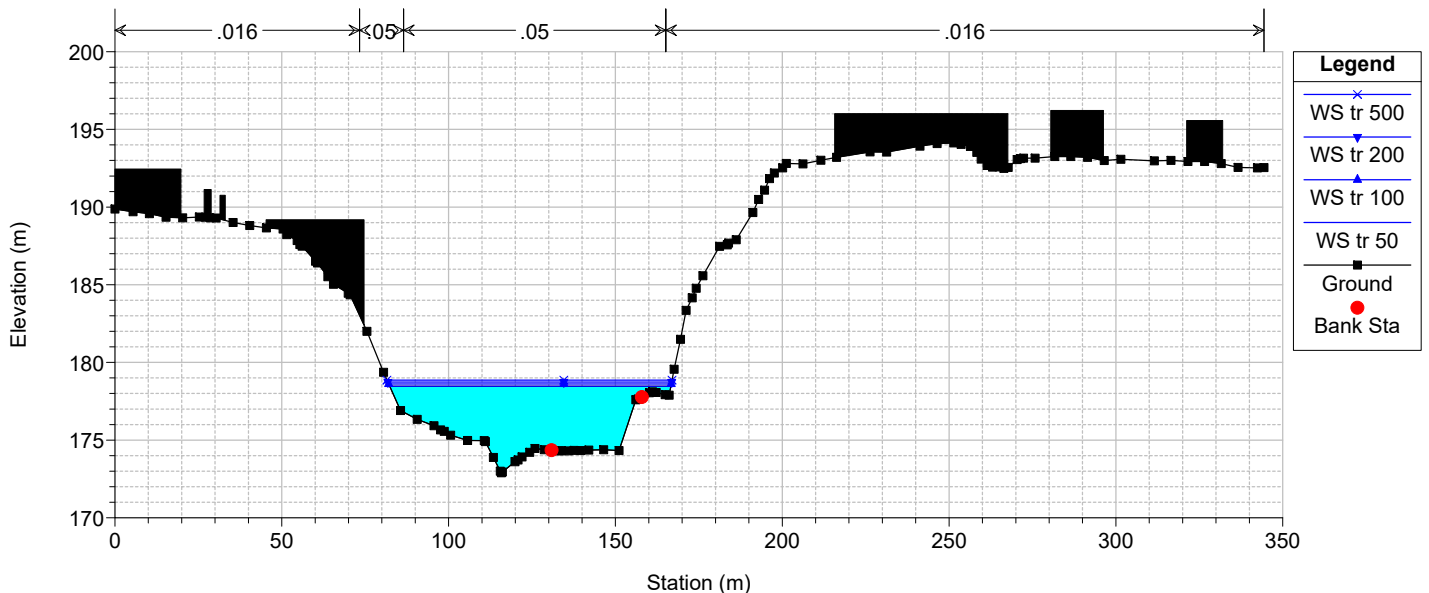
River = Rio San Giovanni Reach = Rio San Giovanni RS = 6879.266 SEZIONE 217 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

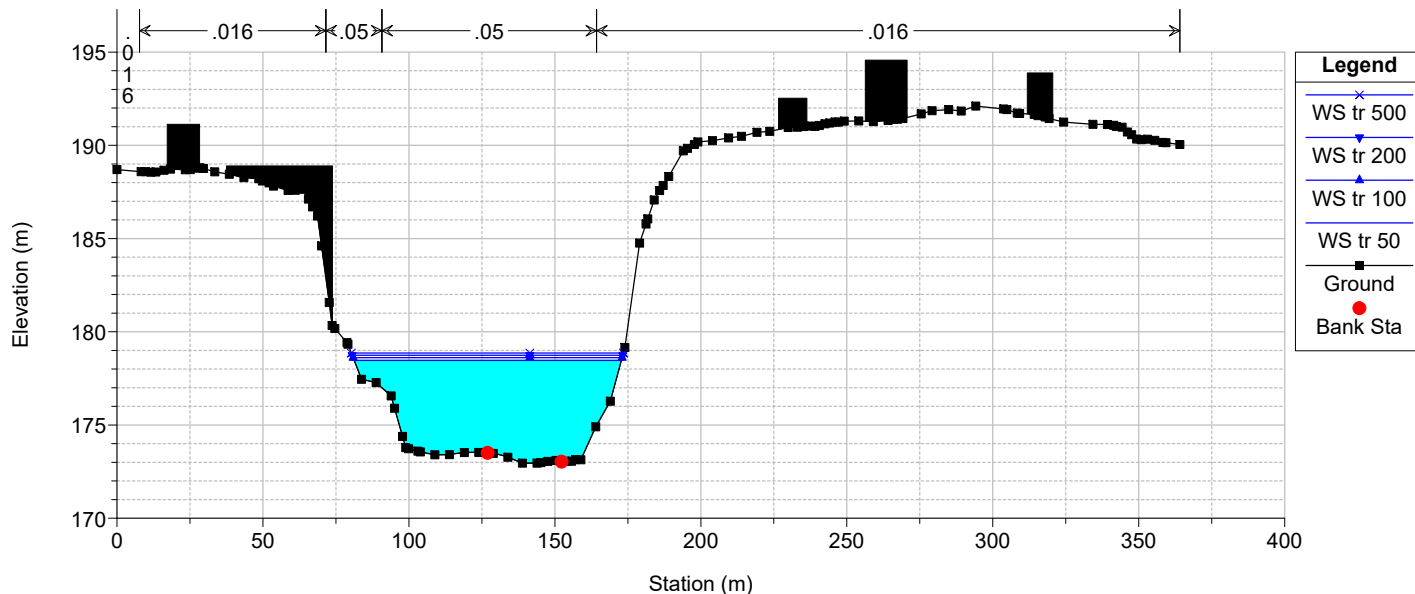
River = Rio San Giovanni Reach = Rio San Giovanni RS = 6838.324 SEZIONE 216 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

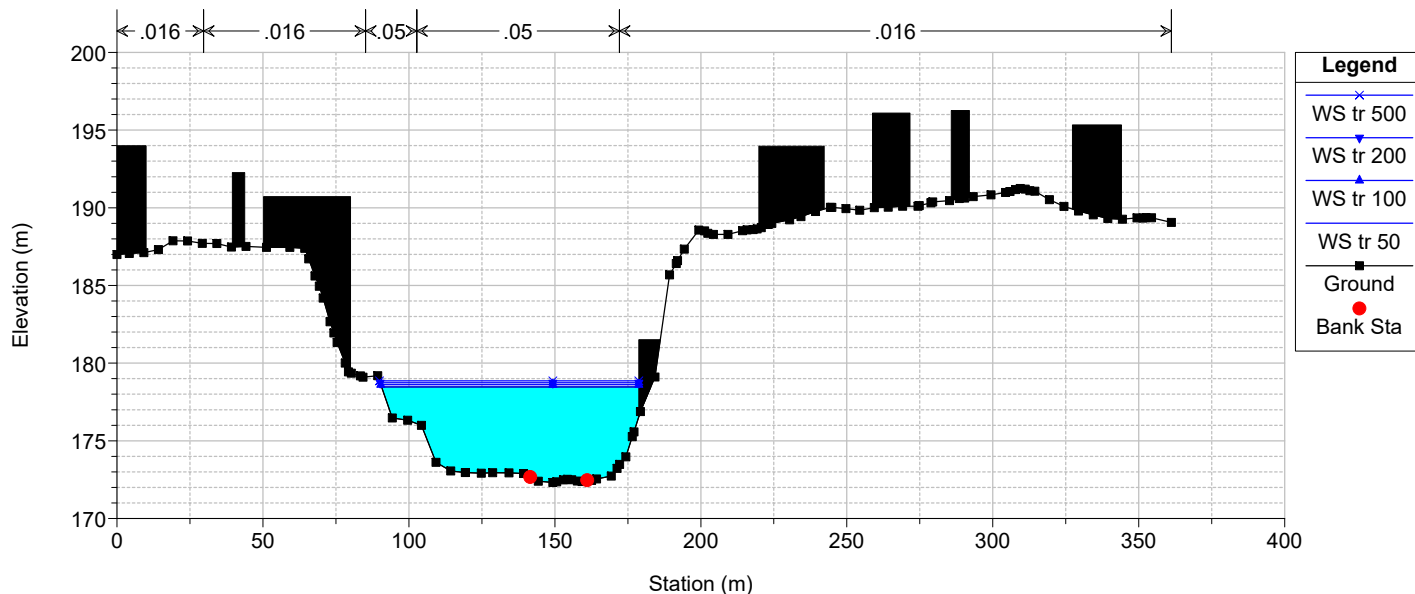
River = Rio San Giovanni Reach = Rio San Giovanni RS = 6792.858 SEZIONE 215 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

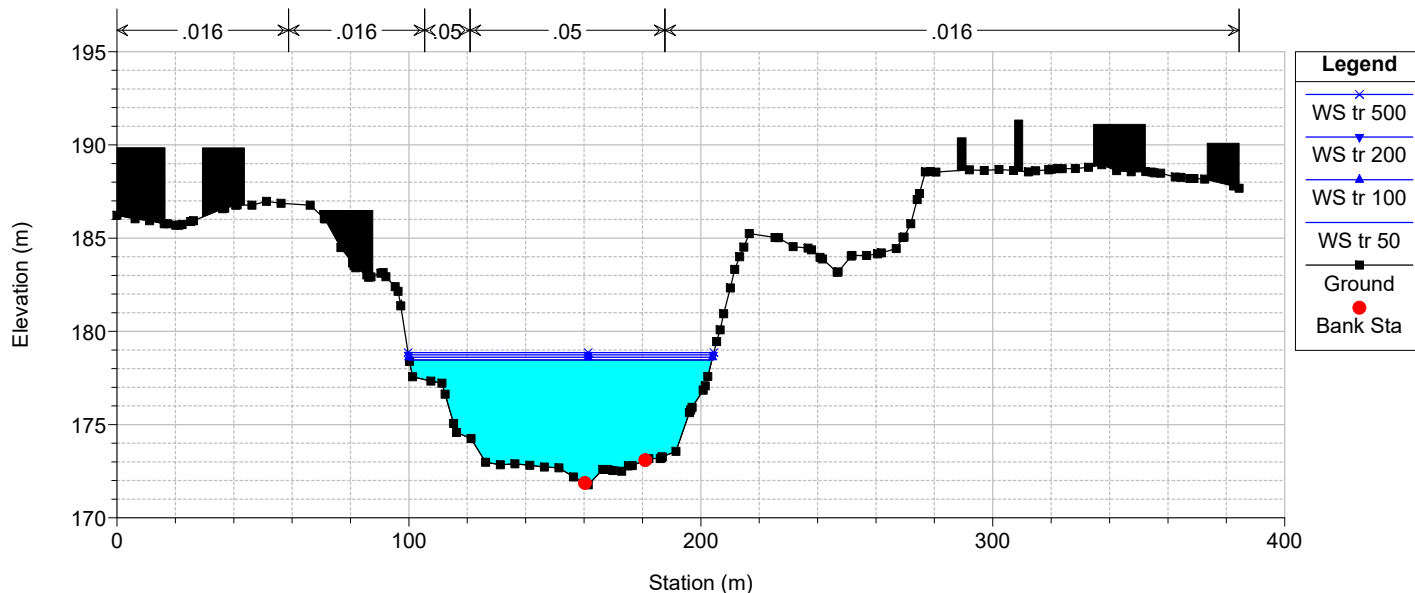
River = Rio San Giovanni Reach = Rio San Giovanni RS = 6759.950 SEZIONE 214 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

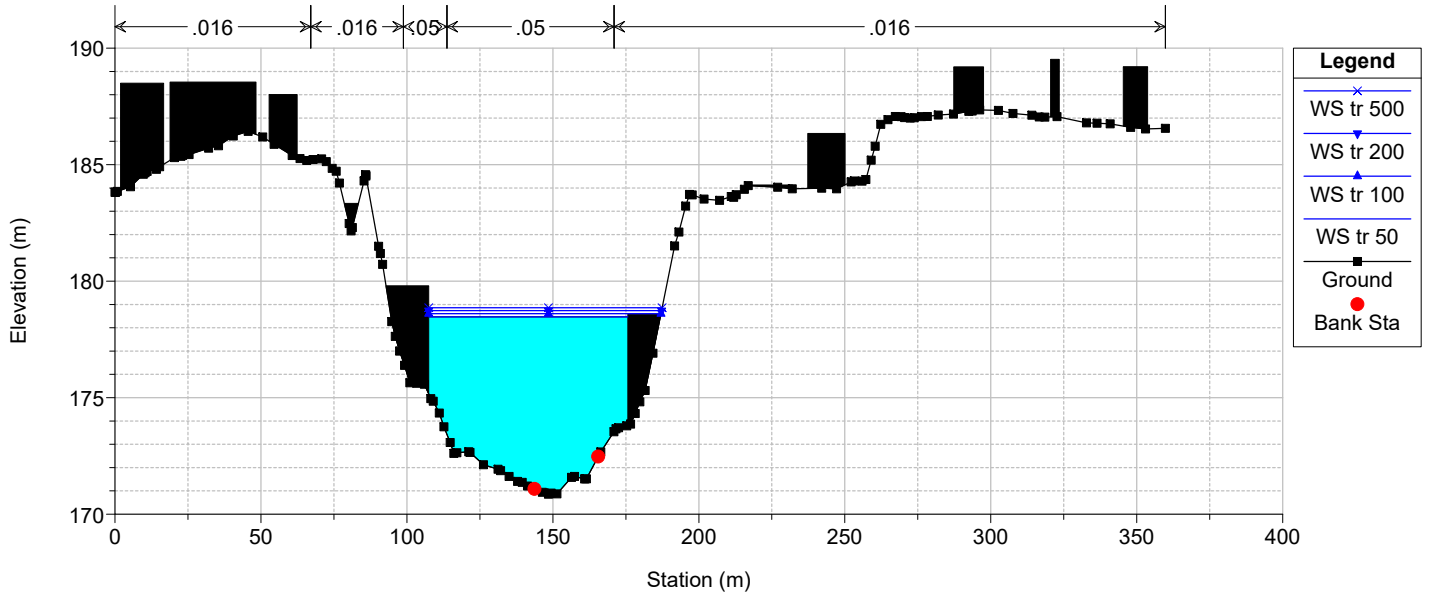
River = Rio San Giovanni Reach = Rio San Giovanni RS = 6720.863 SEZIONE 213 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

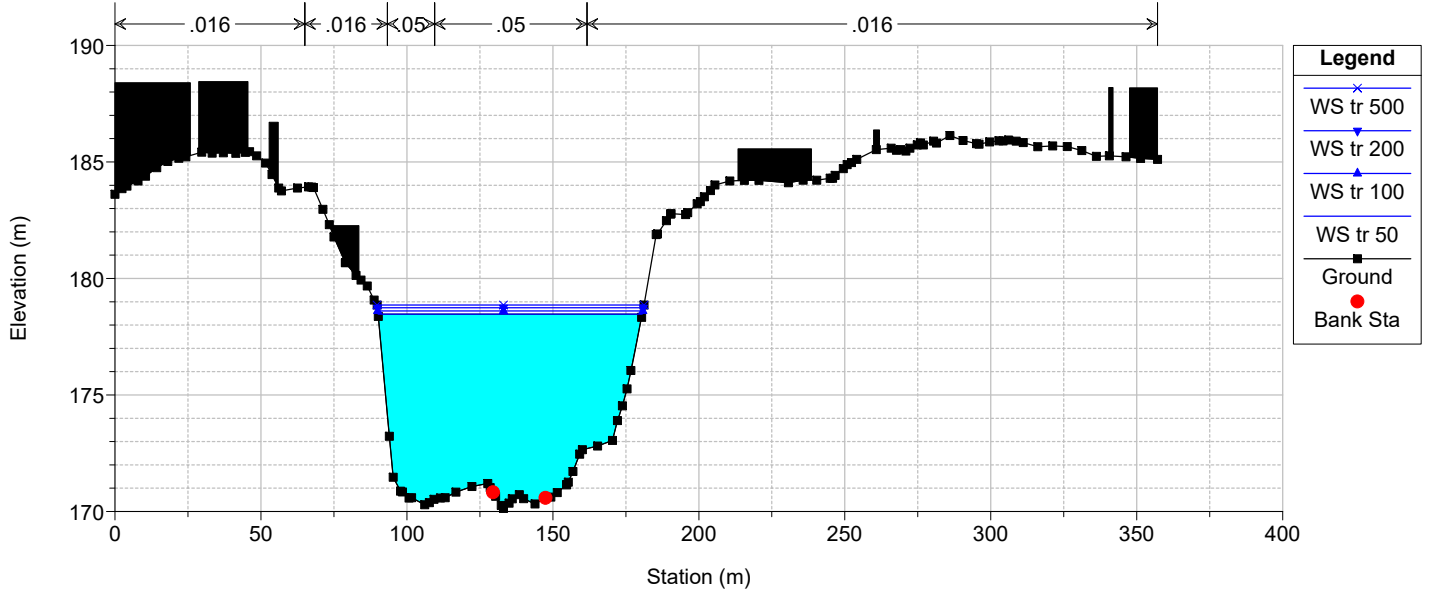
River = Rio San Giovanni Reach = Rio San Giovanni RS = 6676.040 SEZIONE 212 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

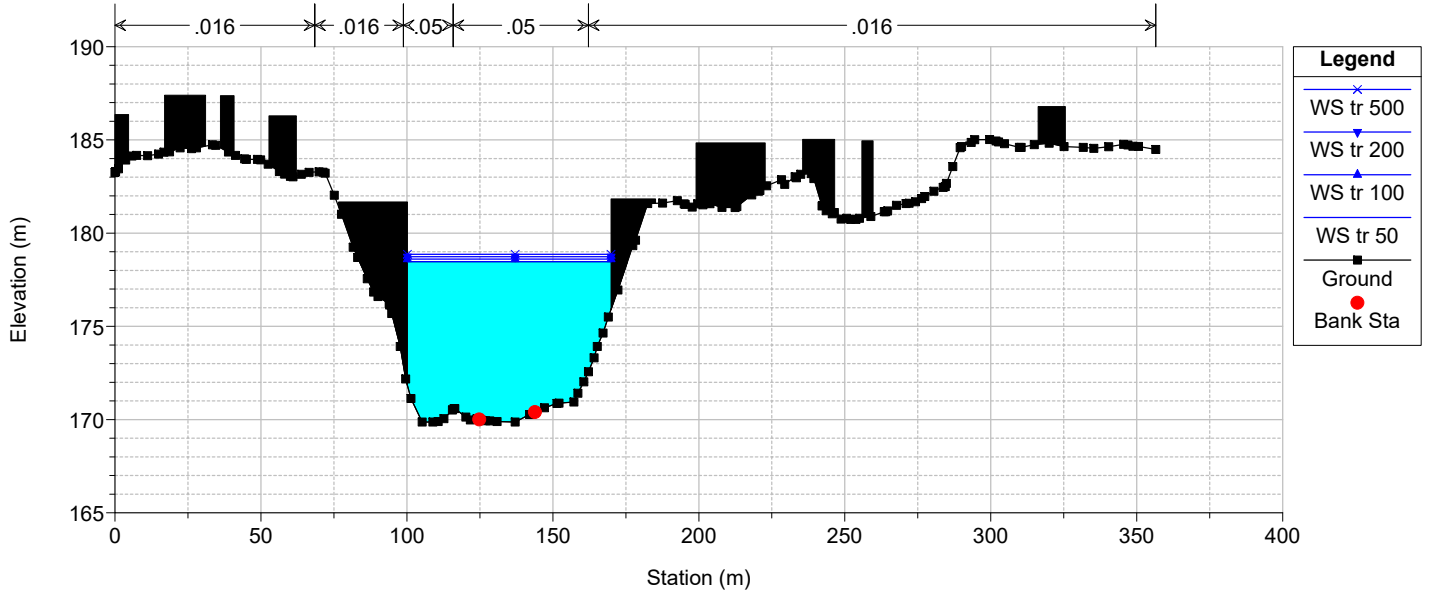
River = Rio San Giovanni Reach = Rio San Giovanni RS = 6645.164 SEZIONE 211 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

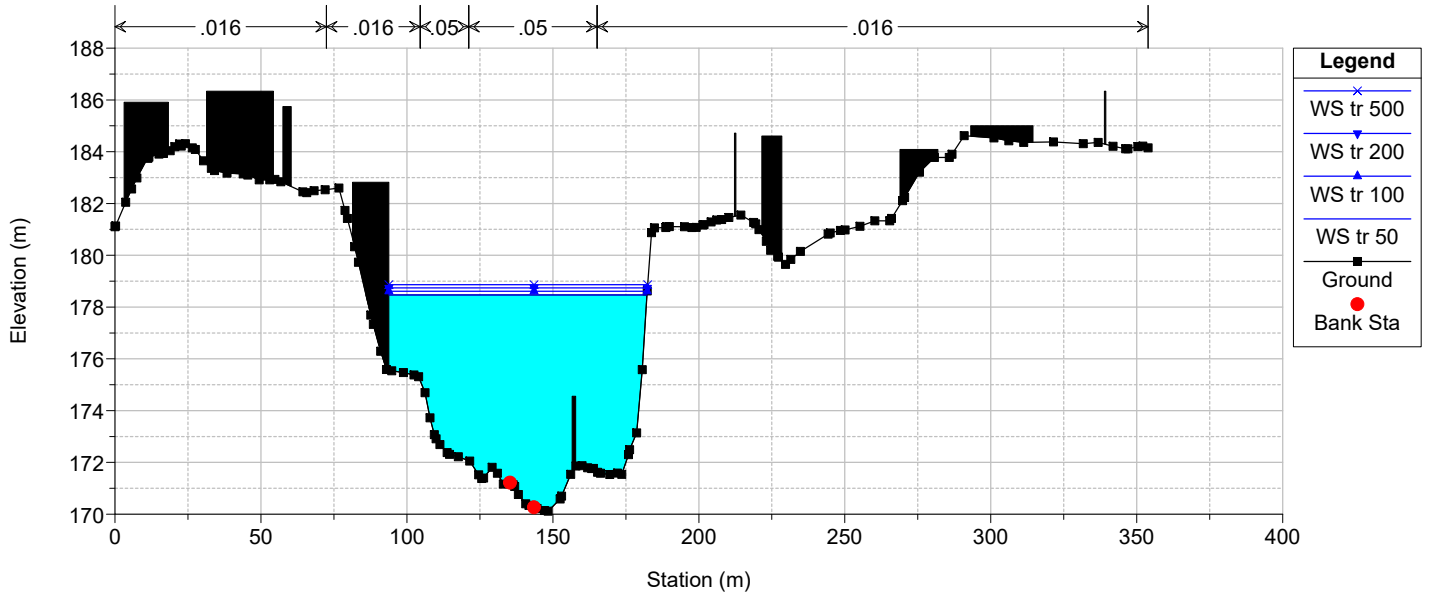
River = Rio San Giovanni Reach = Rio San Giovanni RS = 6617.633 SEZIONE 210 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

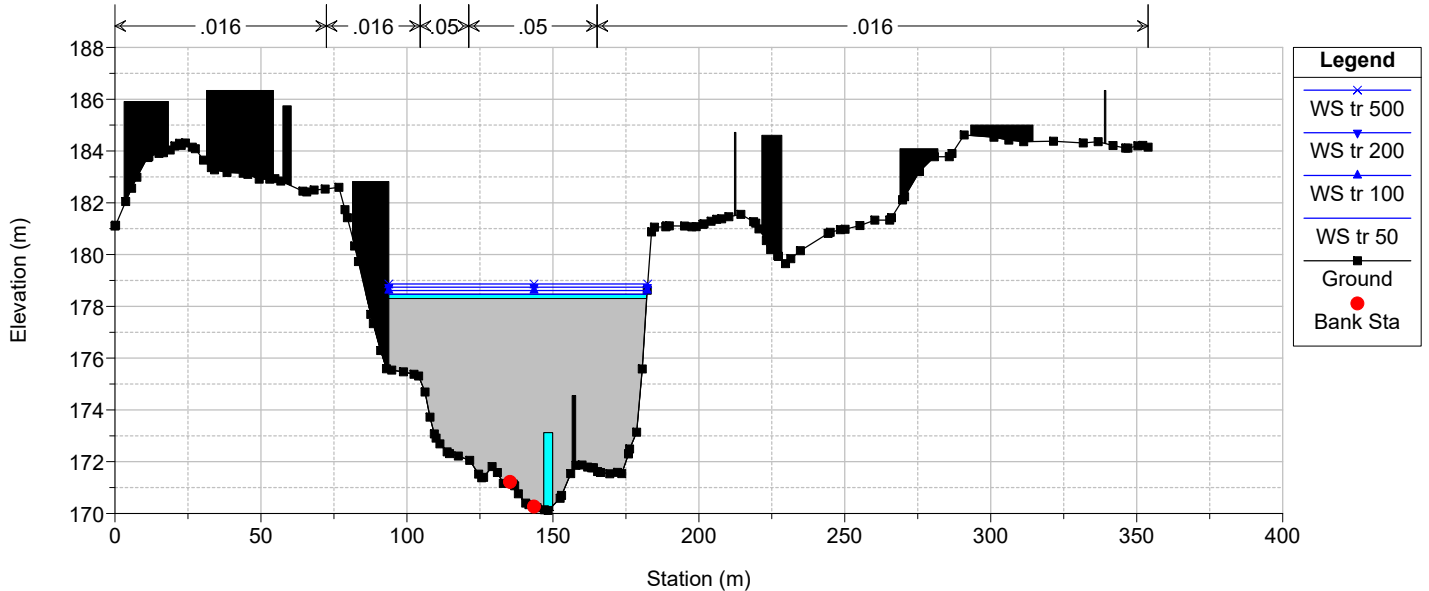
River = Rio San Giovanni Reach = Rio San Giovanni RS = 6593.842 SEZIONE 209 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

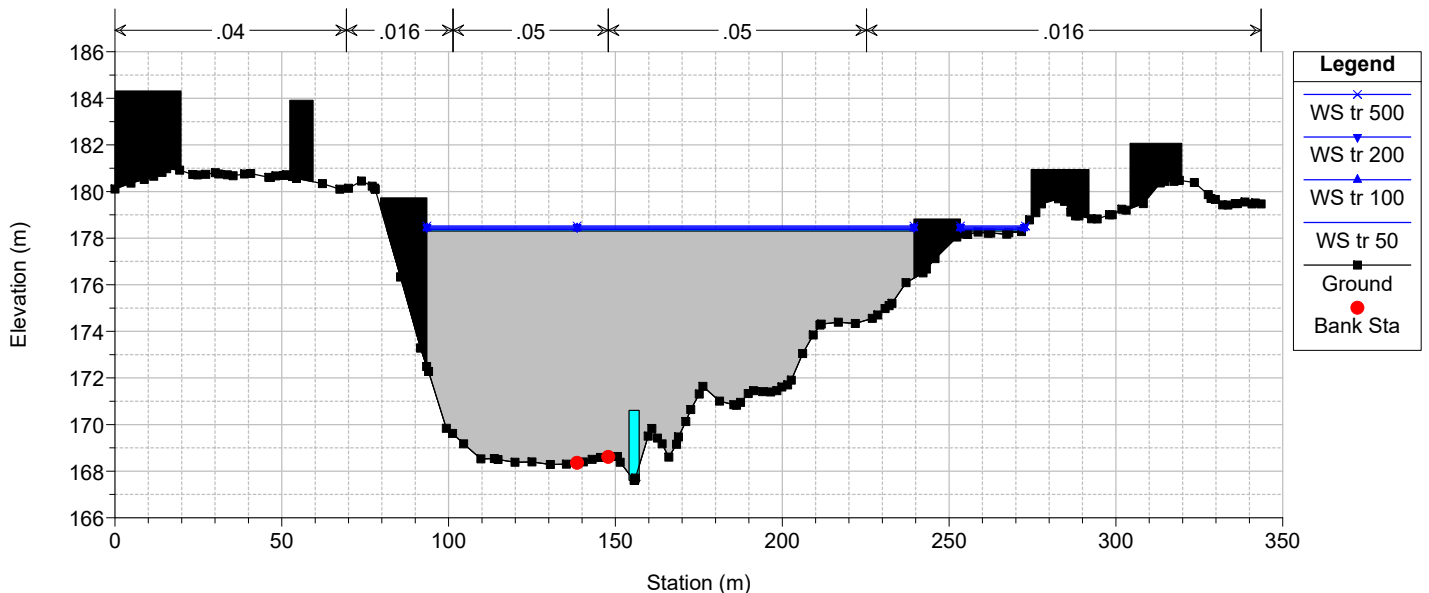
River = Rio San Giovanni Reach = Rio San Giovanni RS = 6550 Culv ATTRAVERSAMENTO A4 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

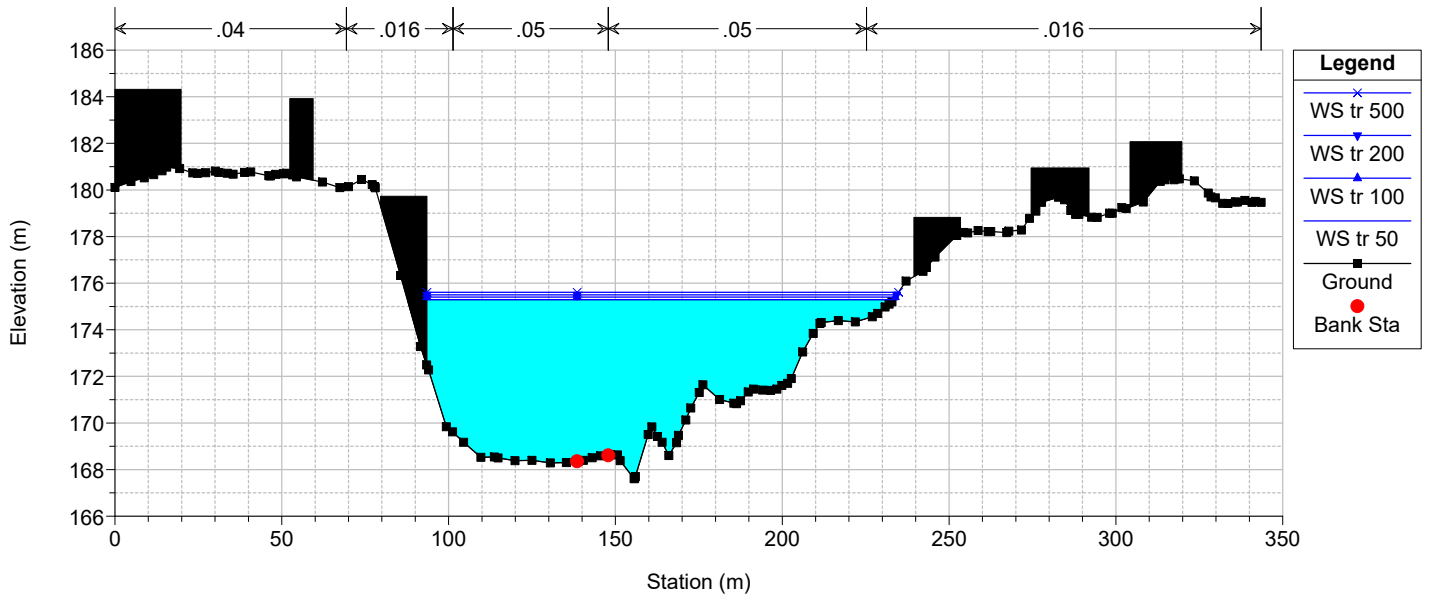
River = Rio San Giovanni Reach = Rio San Giovanni RS = 6550 Culv ATTRAVERSAMENTO A4 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

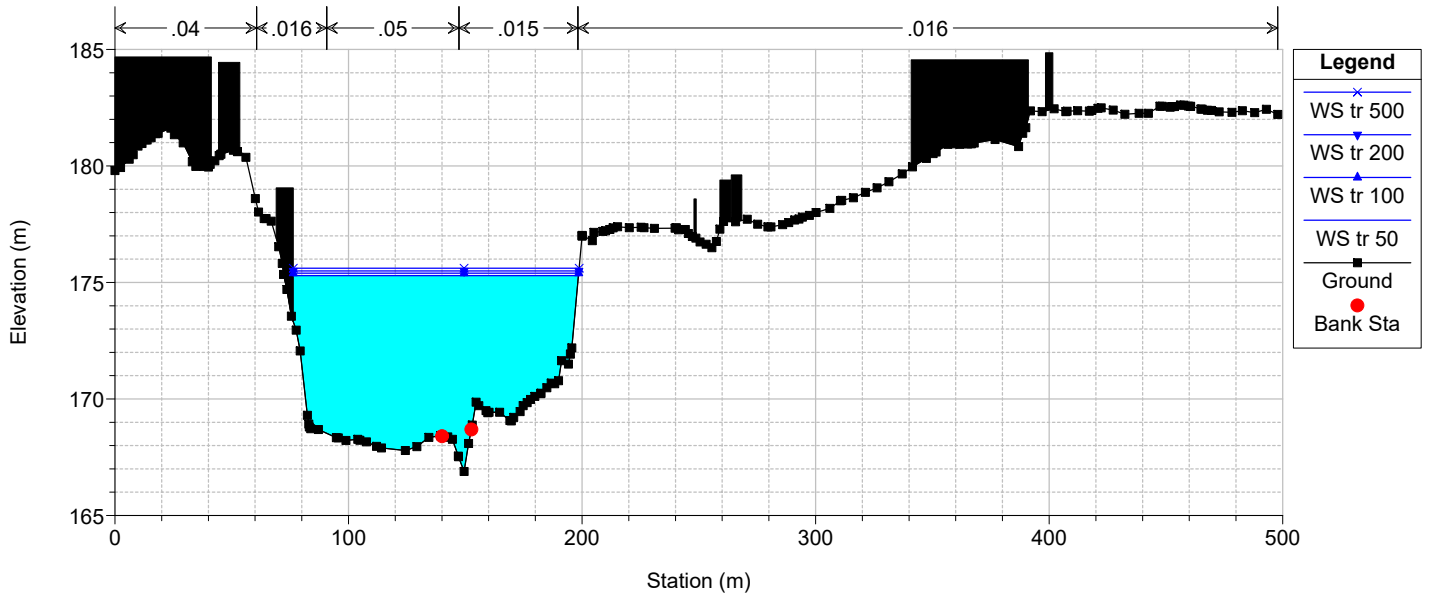
River = Rio San Giovanni Reach = Rio San Giovanni RS = 6521.062 SEZIONE 208 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

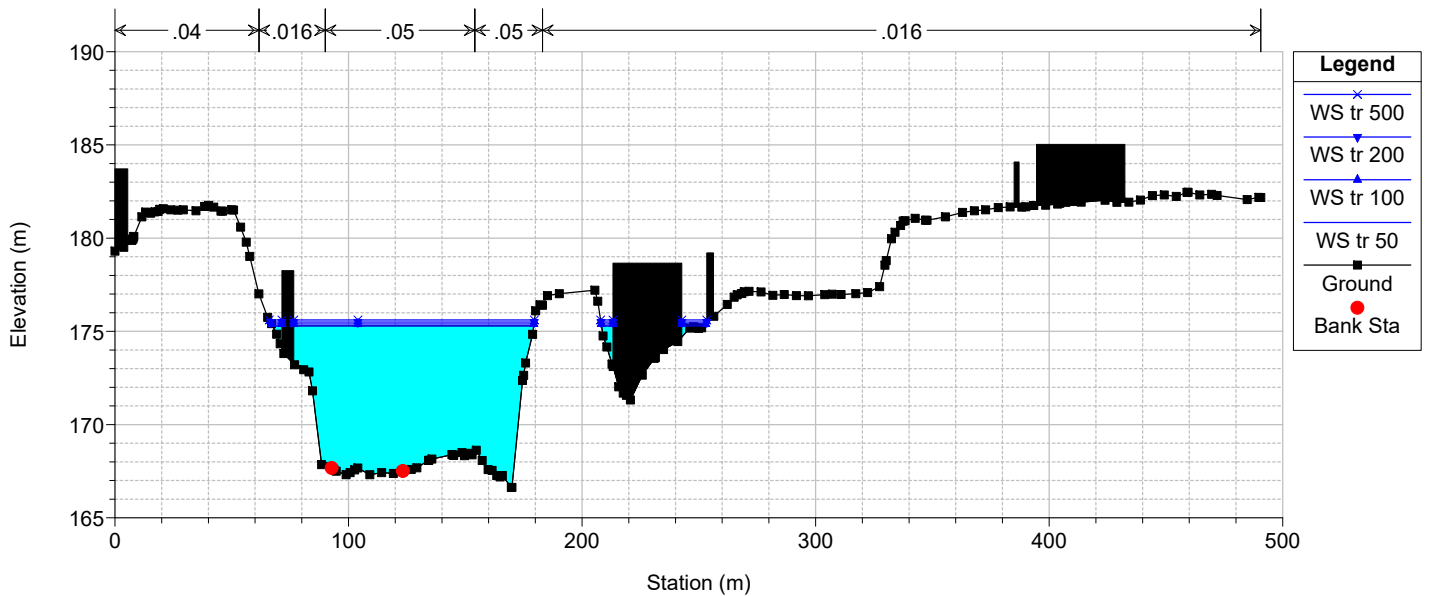
River = Rio San Giovanni Reach = Rio San Giovanni RS = 6498.231 SEZIONE 207 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

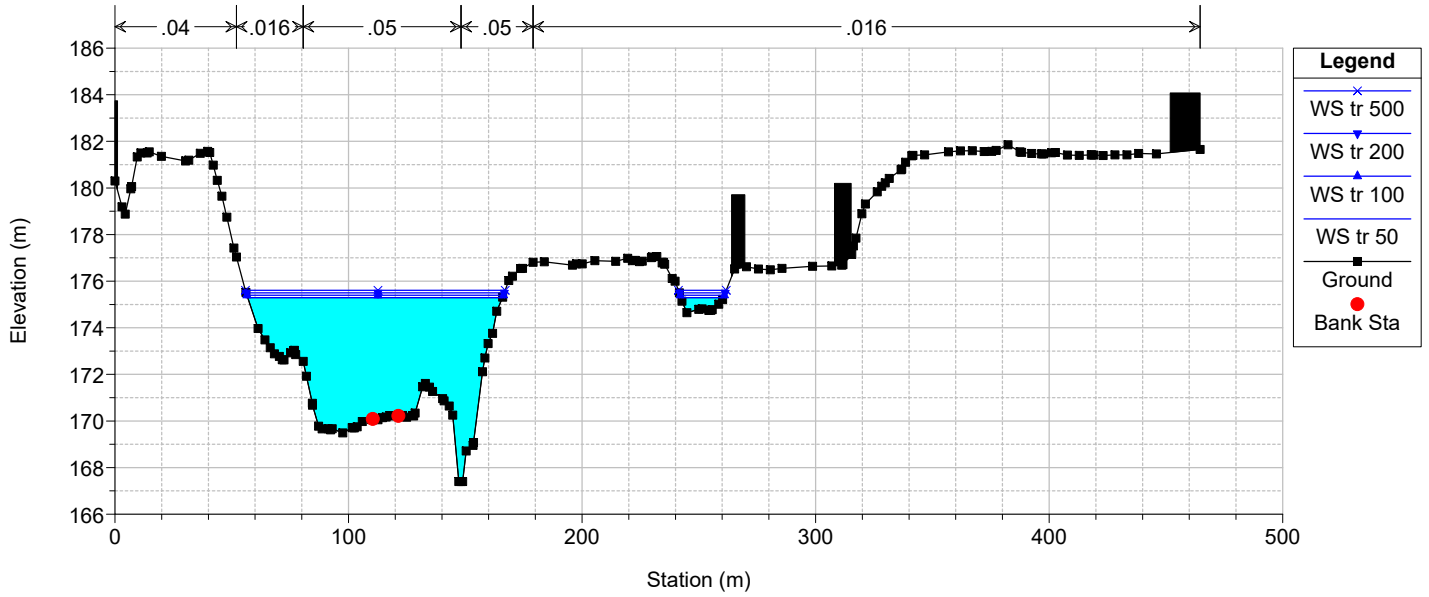
River = Rio San Giovanni Reach = Rio San Giovanni RS = 6480.144 SEZIONE 206 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

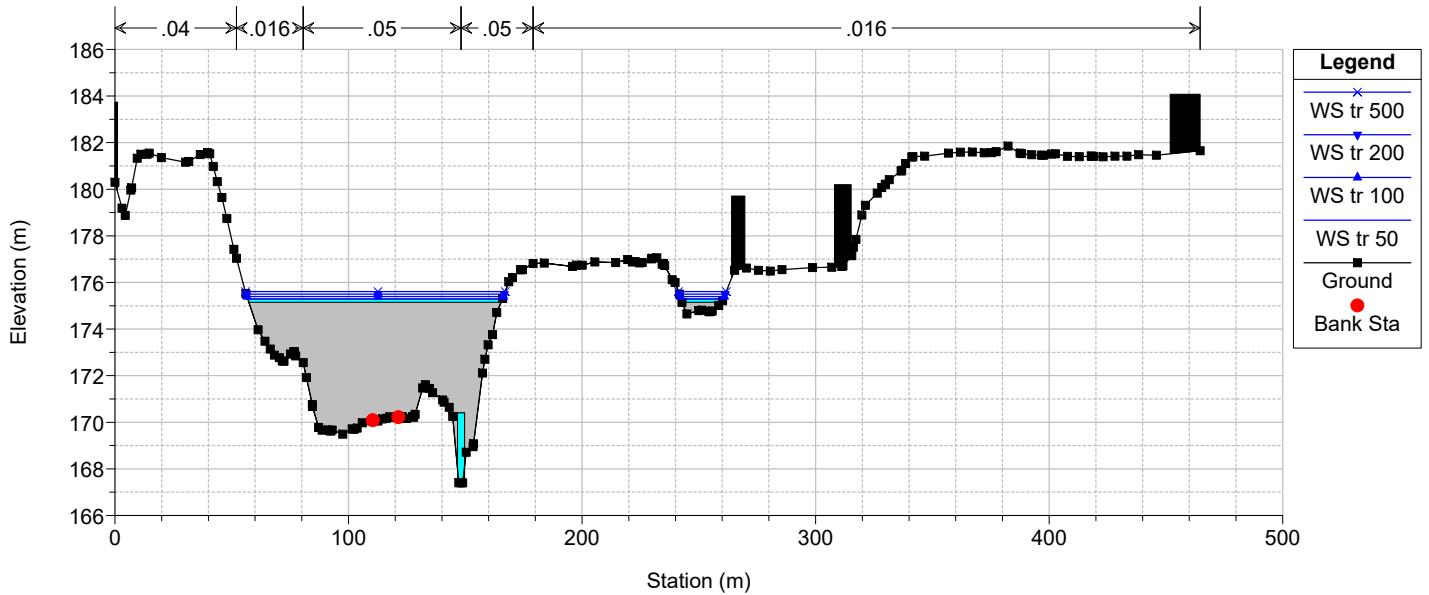
River = Rio San Giovanni Reach = Rio San Giovanni RS = 6460.542 SEZIONE 205 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

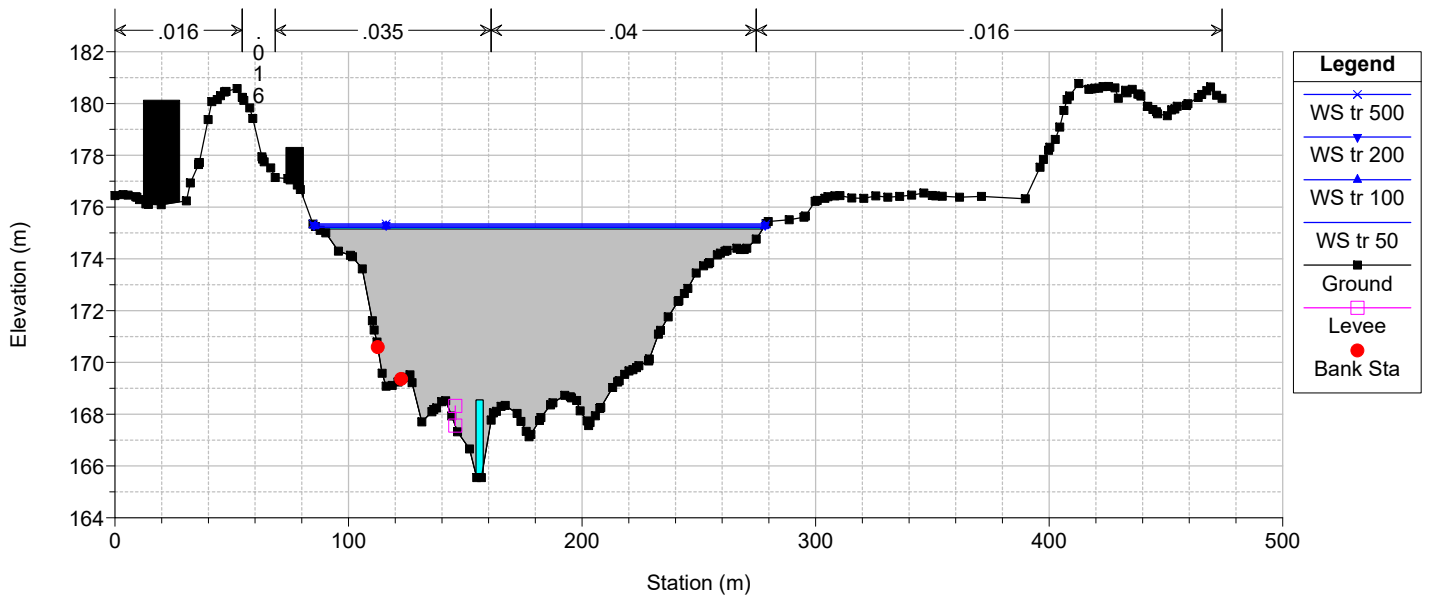
River = Rio San Giovanni Reach = Rio San Giovanni RS = 6430 Culv ATTRAVERSAMENTO A5 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

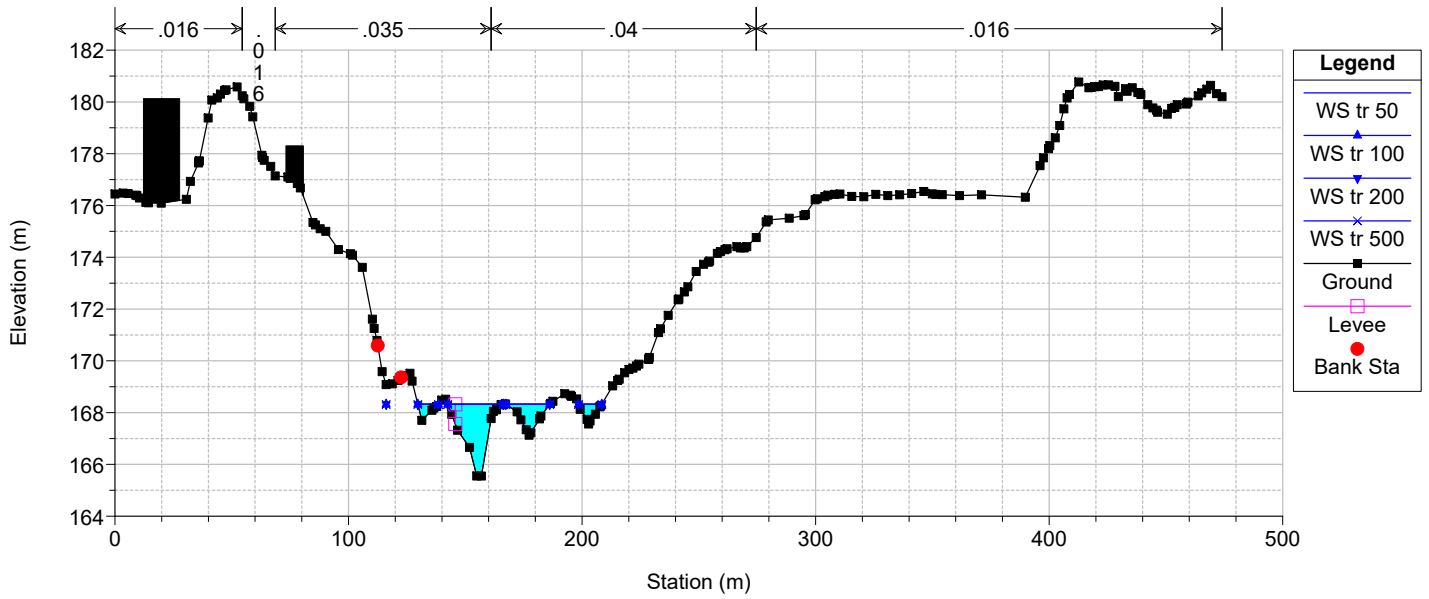
River = Rio San Giovanni Reach = Rio San Giovanni RS = 6430 Culv ATTRAVERSAMENTO A5 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

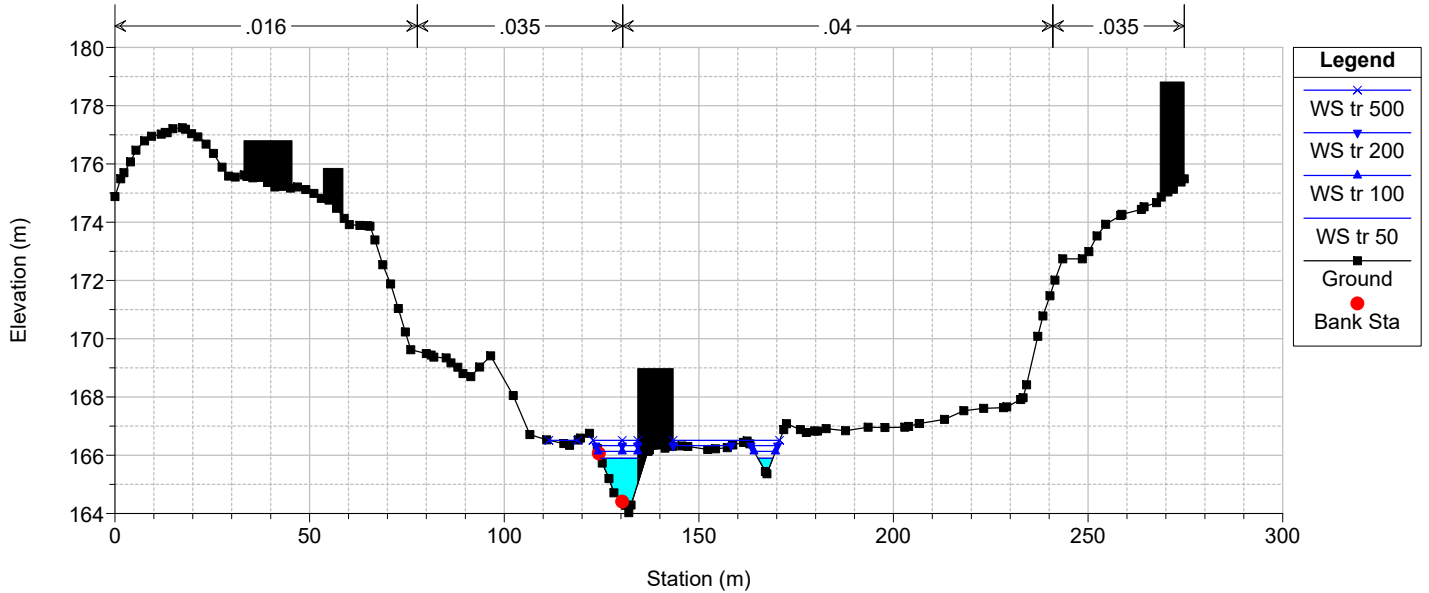
River = Rio San Giovanni Reach = Rio San Giovanni RS = 6418.467 SEZIONE 204 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

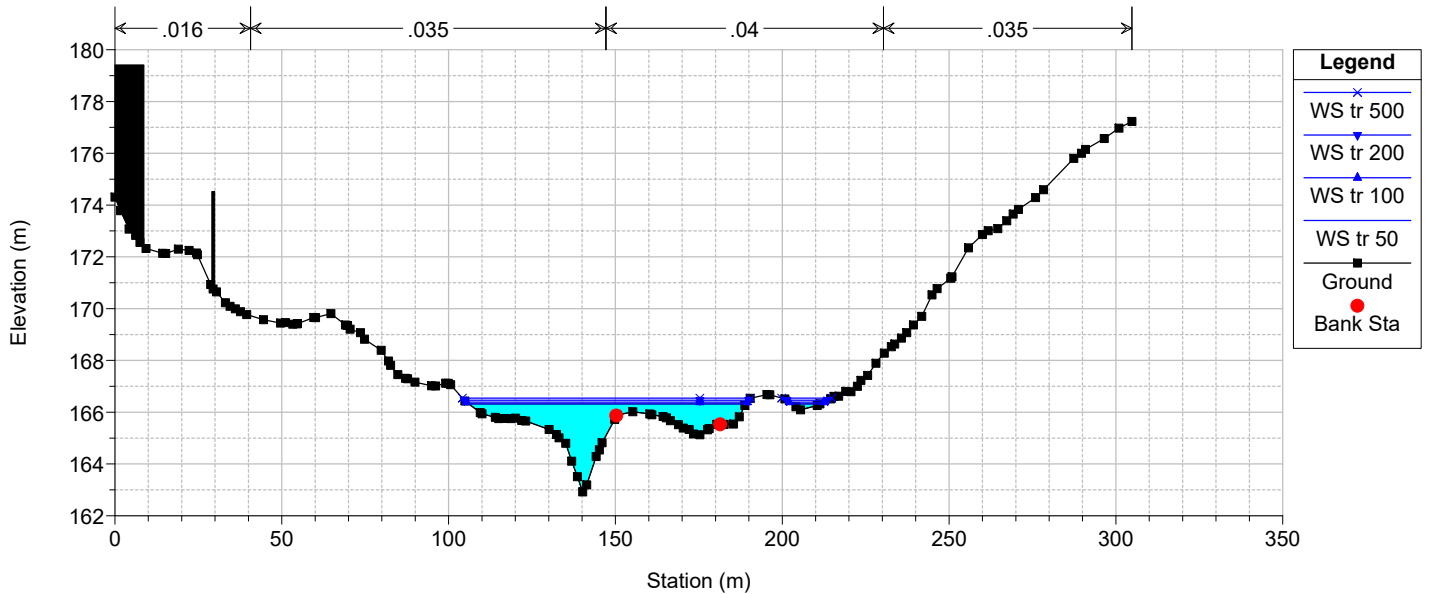
River = Rio San Giovanni Reach = Rio San Giovanni RS = 6361.699 SEZIONE 203 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

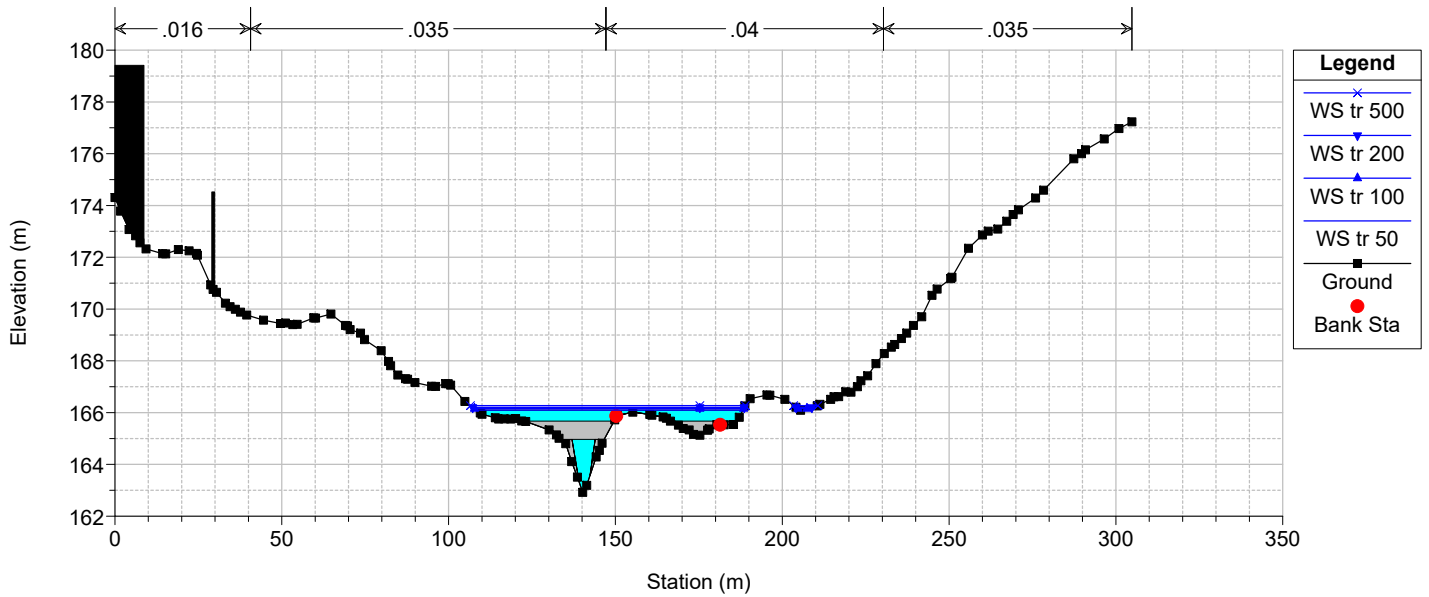
River = Rio San Giovanni Reach = Rio San Giovanni RS = 6320.797 SEZIONE 202 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

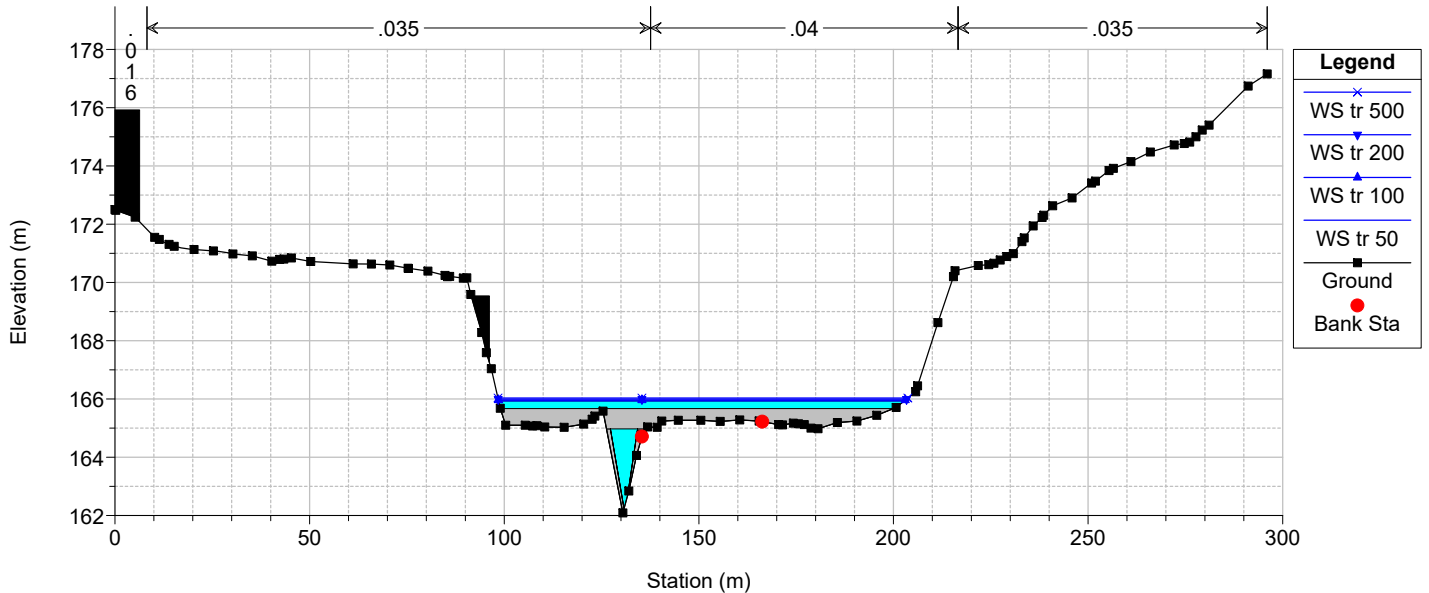
River = Rio San Giovanni Reach = Rio San Giovanni RS = 6300 BR ATTRAVERSAMENTO A6 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

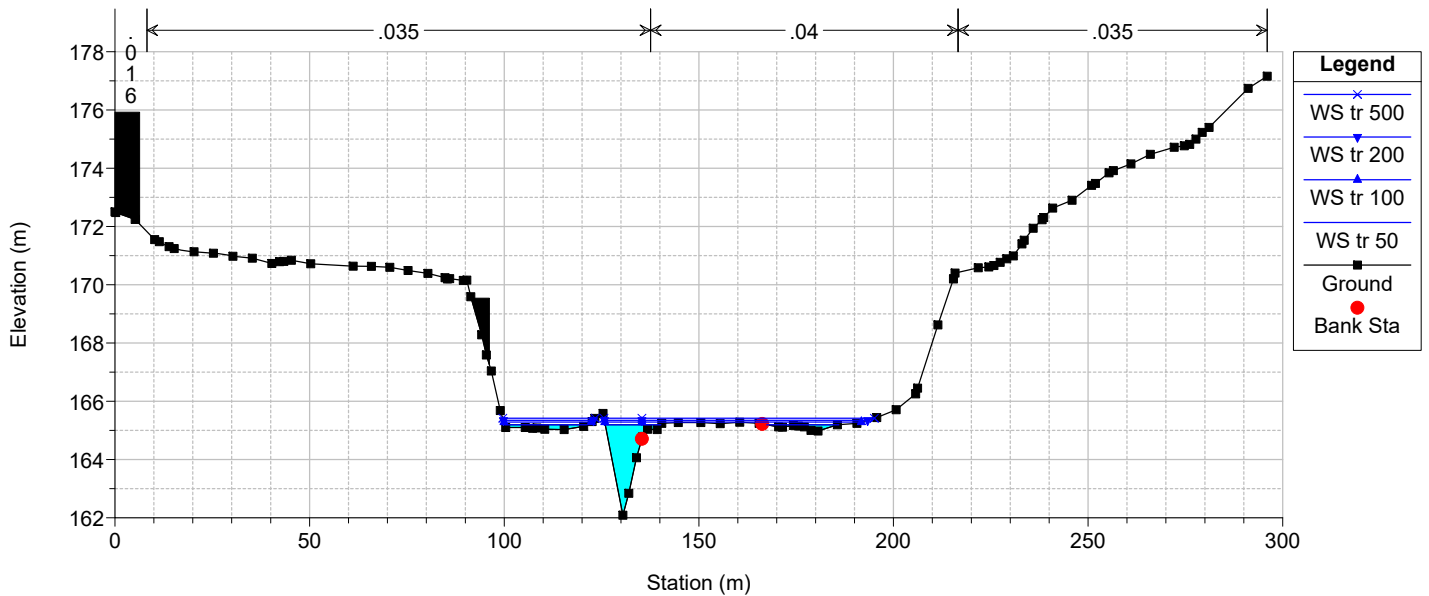
River = Rio San Giovanni Reach = Rio San Giovanni RS = 6300 BR ATTRAVERSAMENTO A6 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

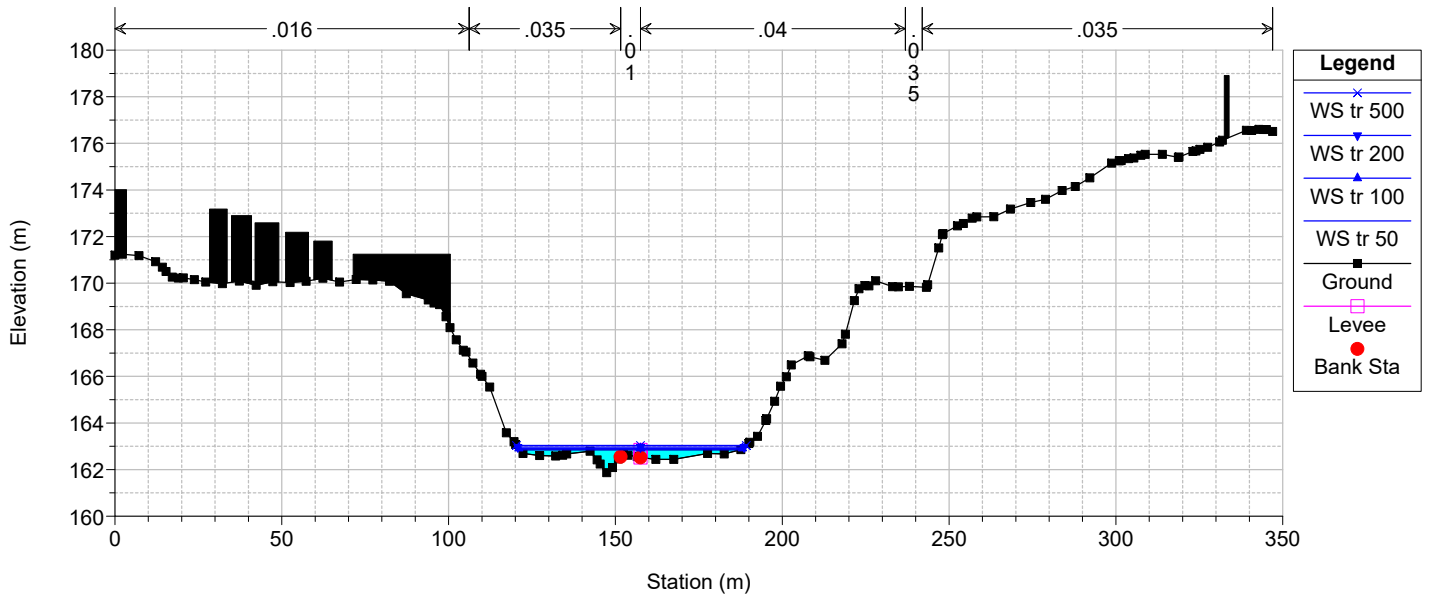
River = Rio San Giovanni Reach = Rio San Giovanni RS = 6289.098 SEZIONE 201 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

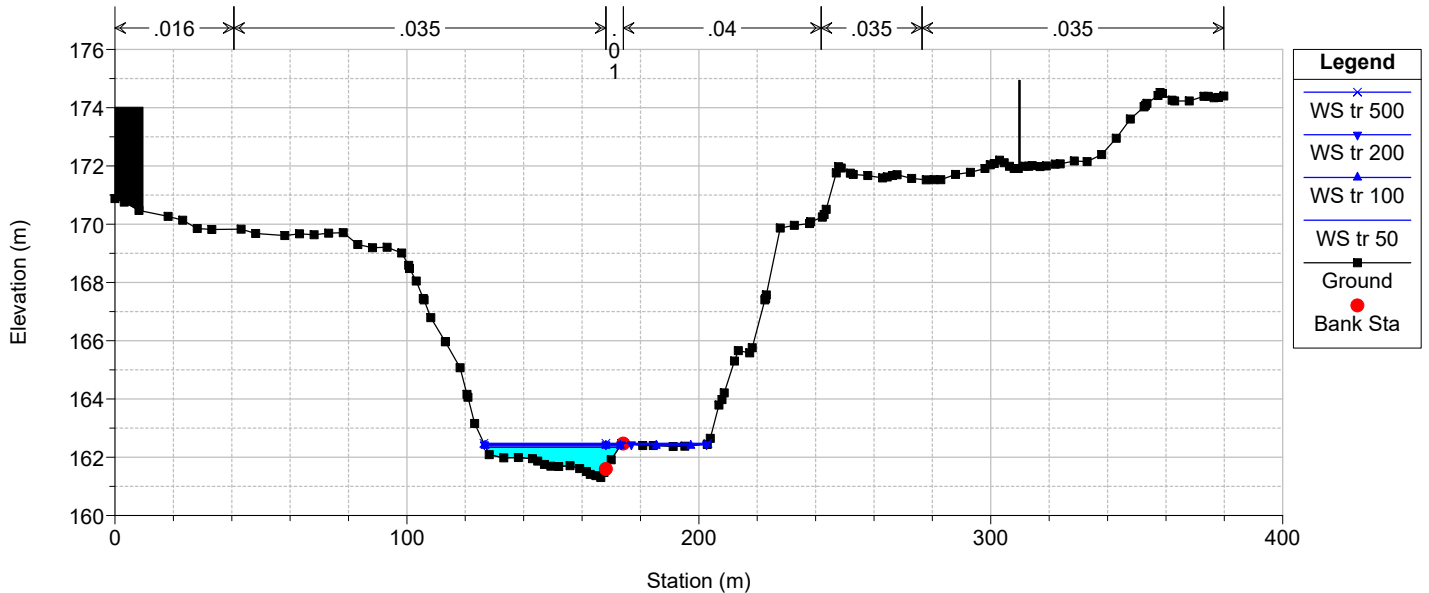
River = Rio San Giovanni Reach = Rio San Giovanni RS = 6240.412 SEZIONE 200 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

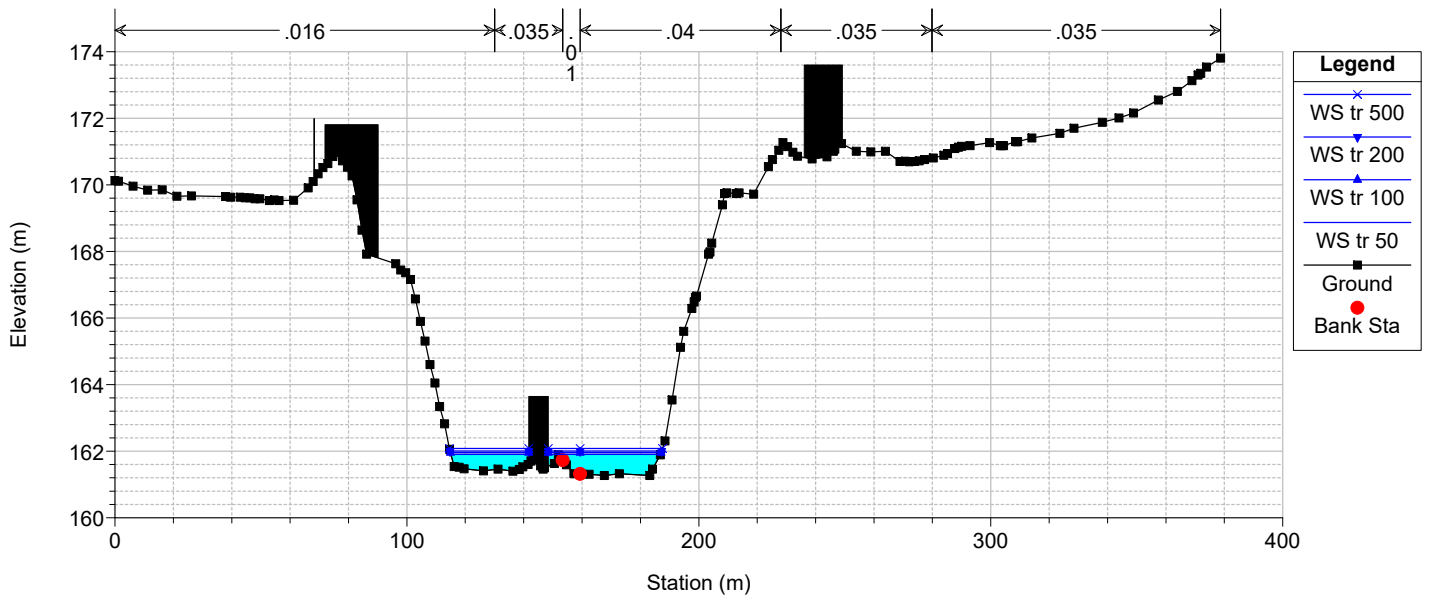
River = Rio San Giovanni Reach = Rio San Giovanni RS = 6199.335 SEZIONE 199 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

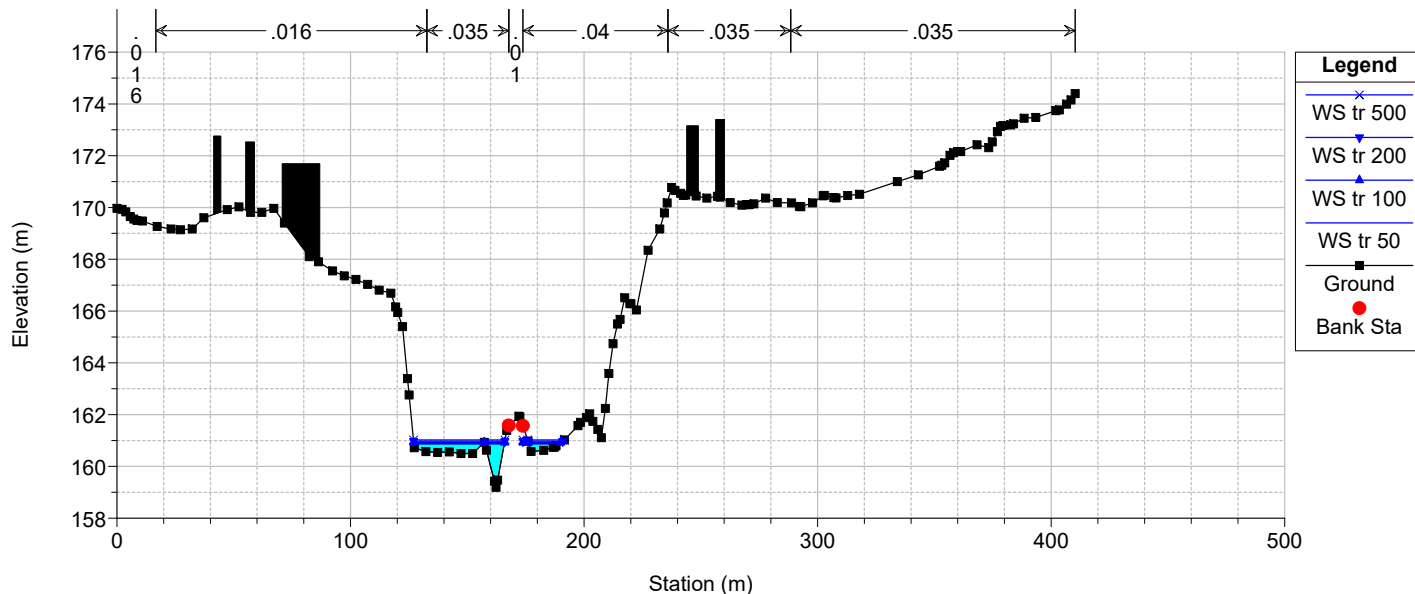
River = Rio San Giovanni Reach = Rio San Giovanni RS = 6157.551 SEZIONE 198 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

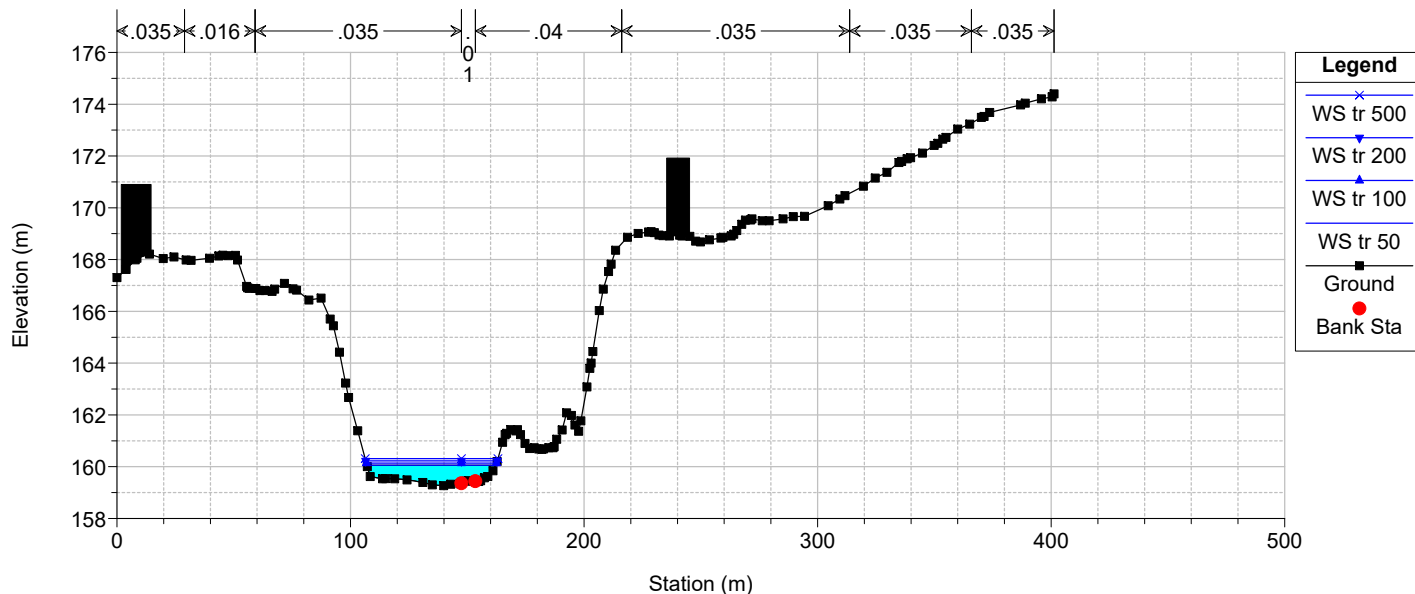
River = Rio San Giovanni Reach = Rio San Giovanni RS = 6120.118 SEZIONE 197 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

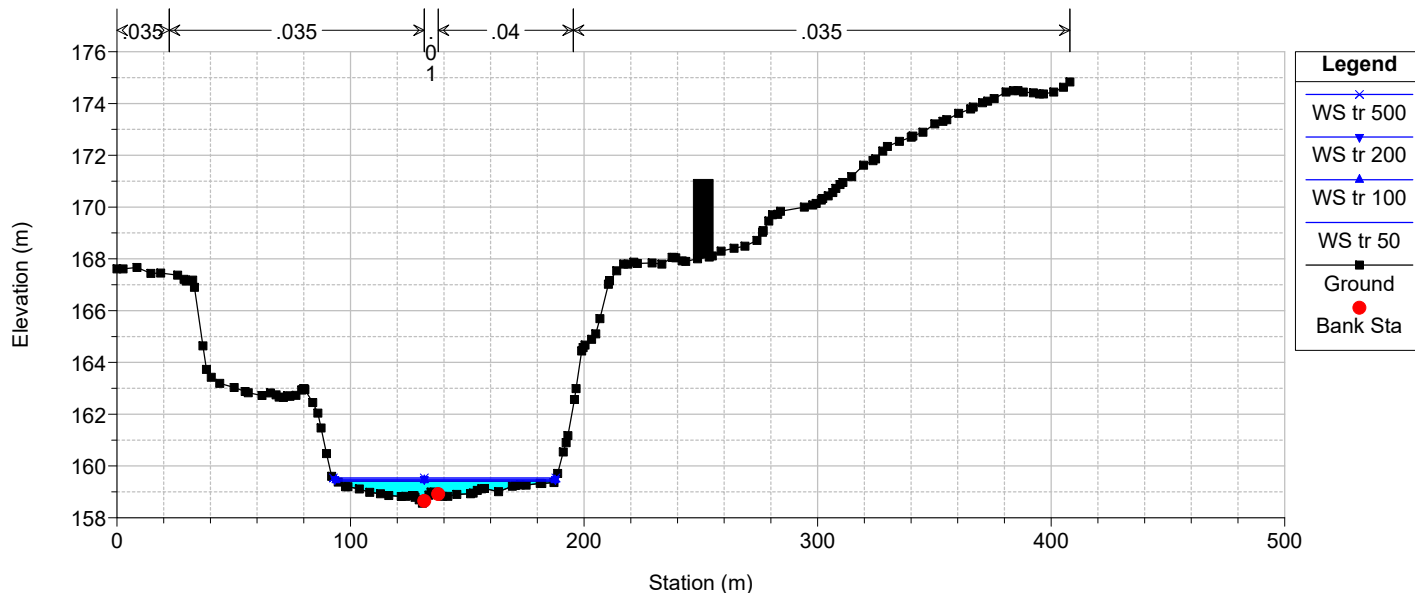
River = Rio San Giovanni Reach = Rio San Giovanni RS = 6063.382 SEZIONE 196 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

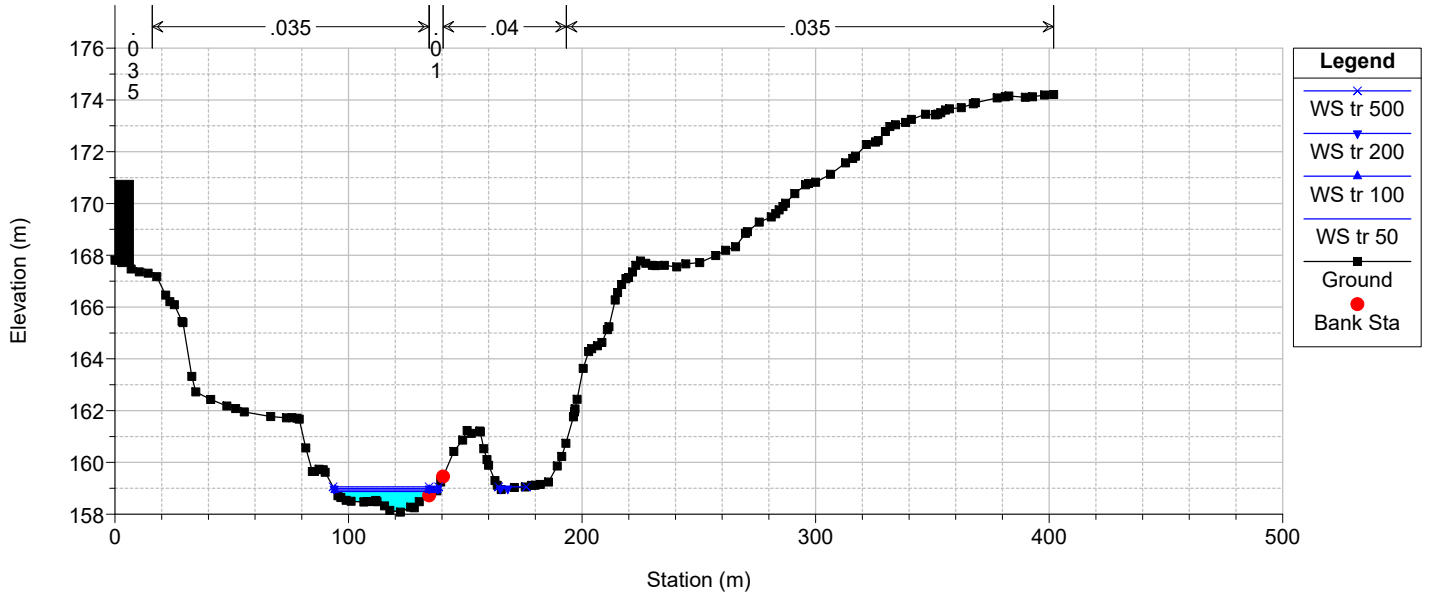
River = Rio San Giovanni Reach = Rio San Giovanni RS = 6006.640 SEZIONE 195 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

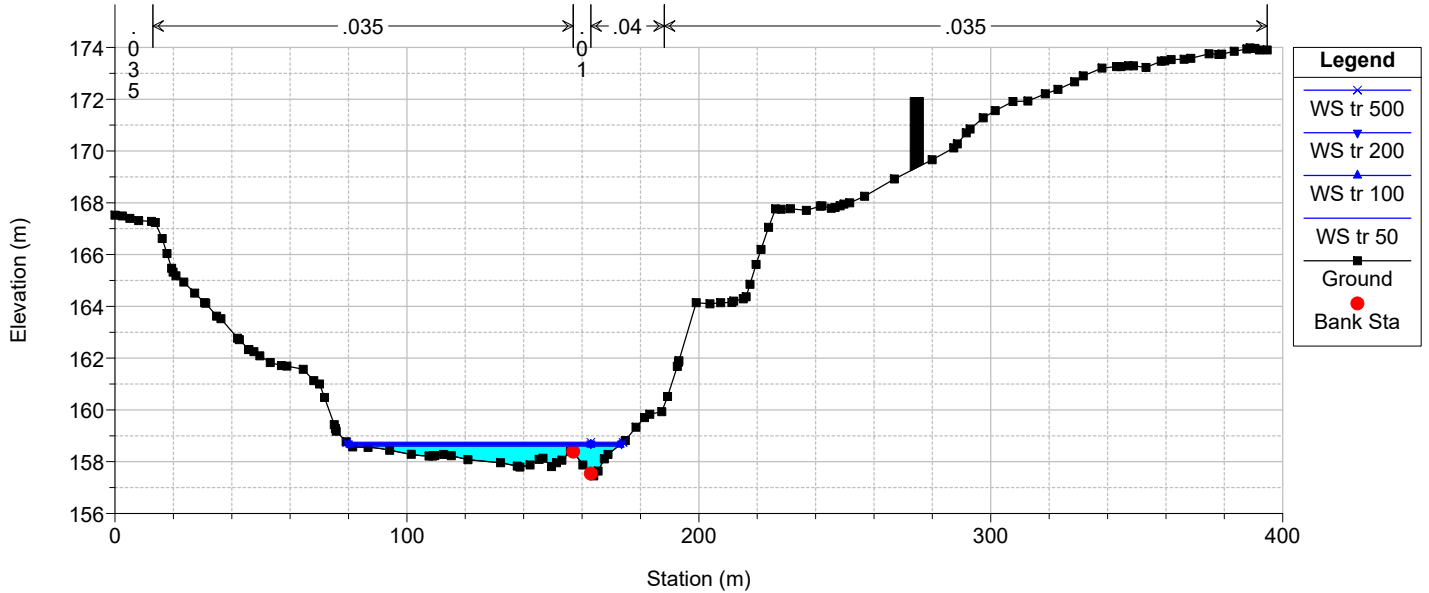
River = Rio San Giovanni Reach = Rio San Giovanni RS = 5979.893 SEZIONE 194 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

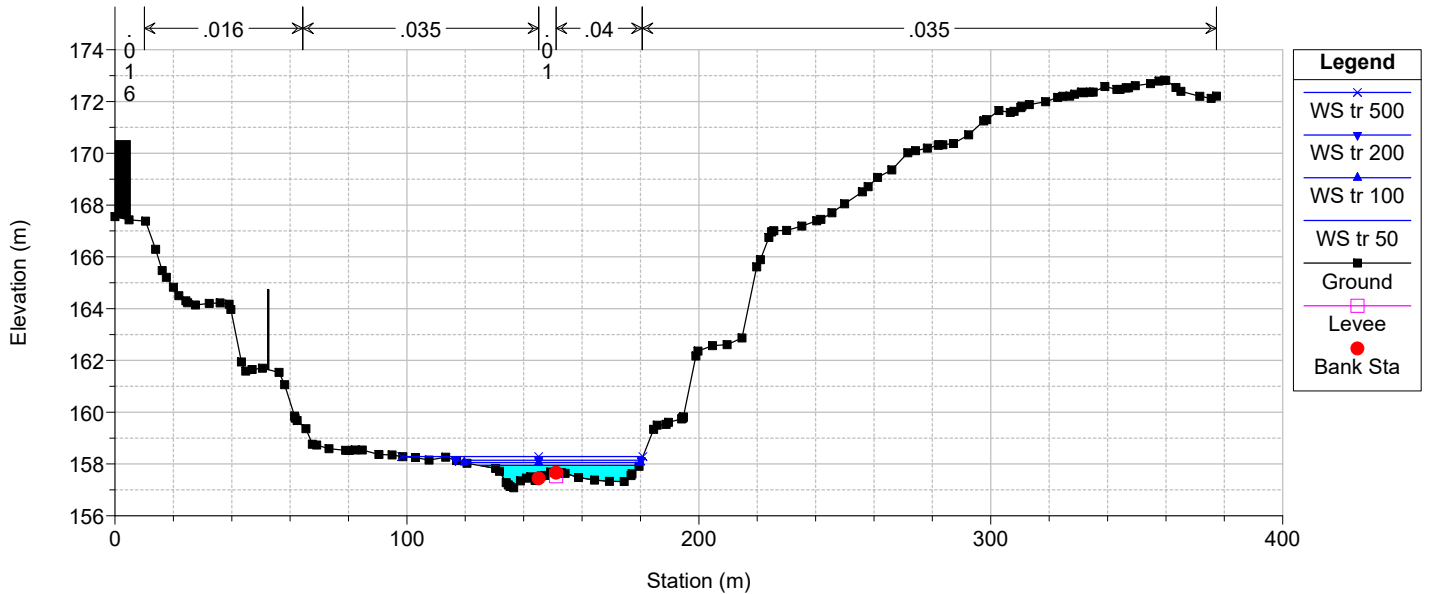
River = Rio San Giovanni Reach = Rio San Giovanni RS = 5953.291 SEZIONE 193 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

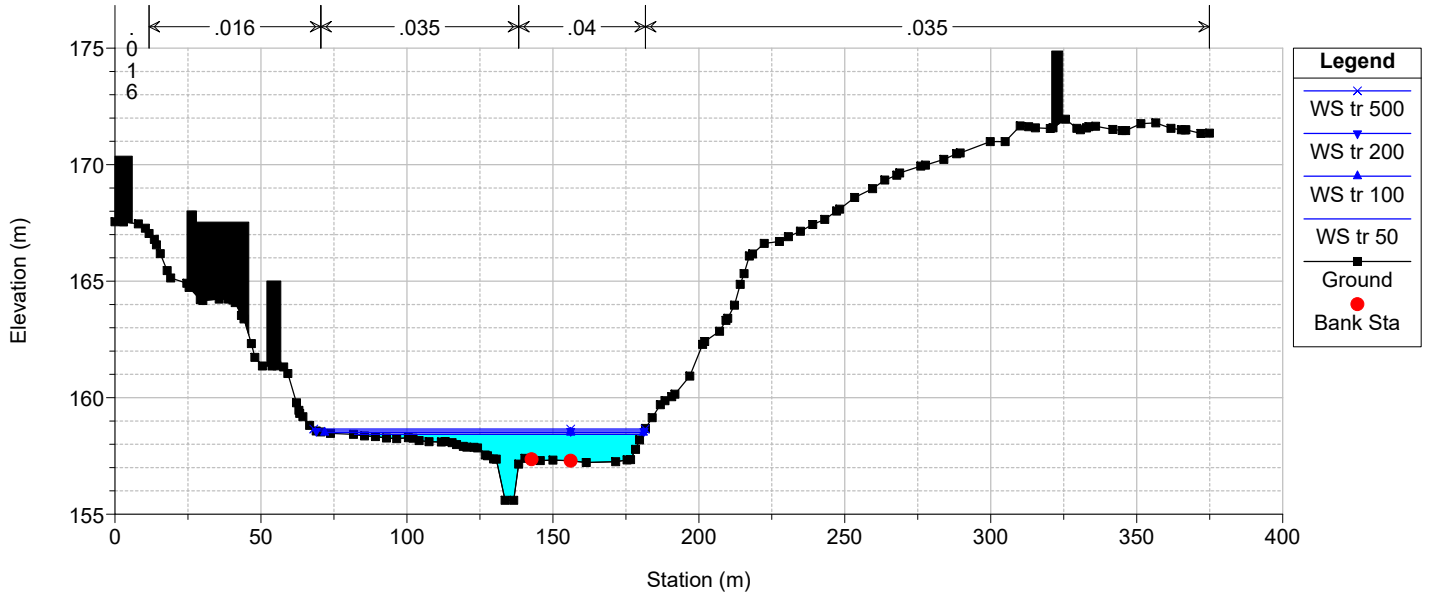
River = Rio San Giovanni Reach = Rio San Giovanni RS = 5929.370 SEZIONE 192 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

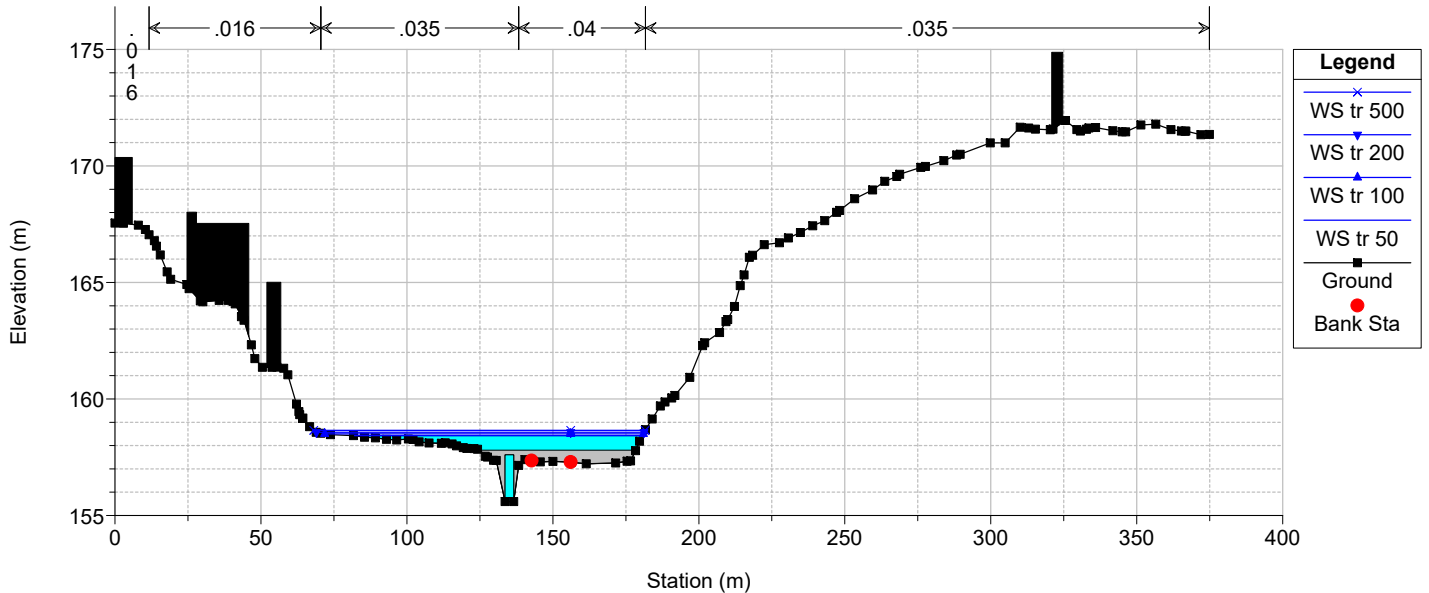
River = Rio San Giovanni Reach = Rio San Giovanni RS = 5909.507 SEZIONE 191 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

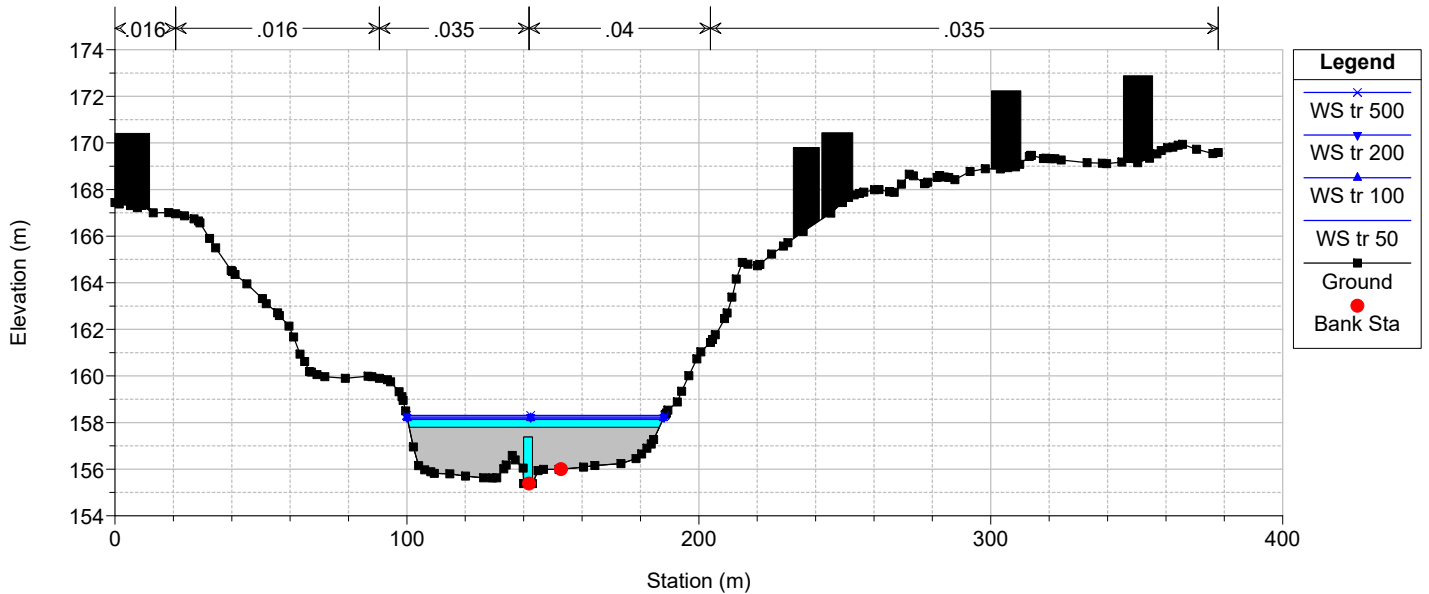
River = Rio San Giovanni Reach = Rio San Giovanni RS = 5890 Culv ATTRAVERSAMENTO A7 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

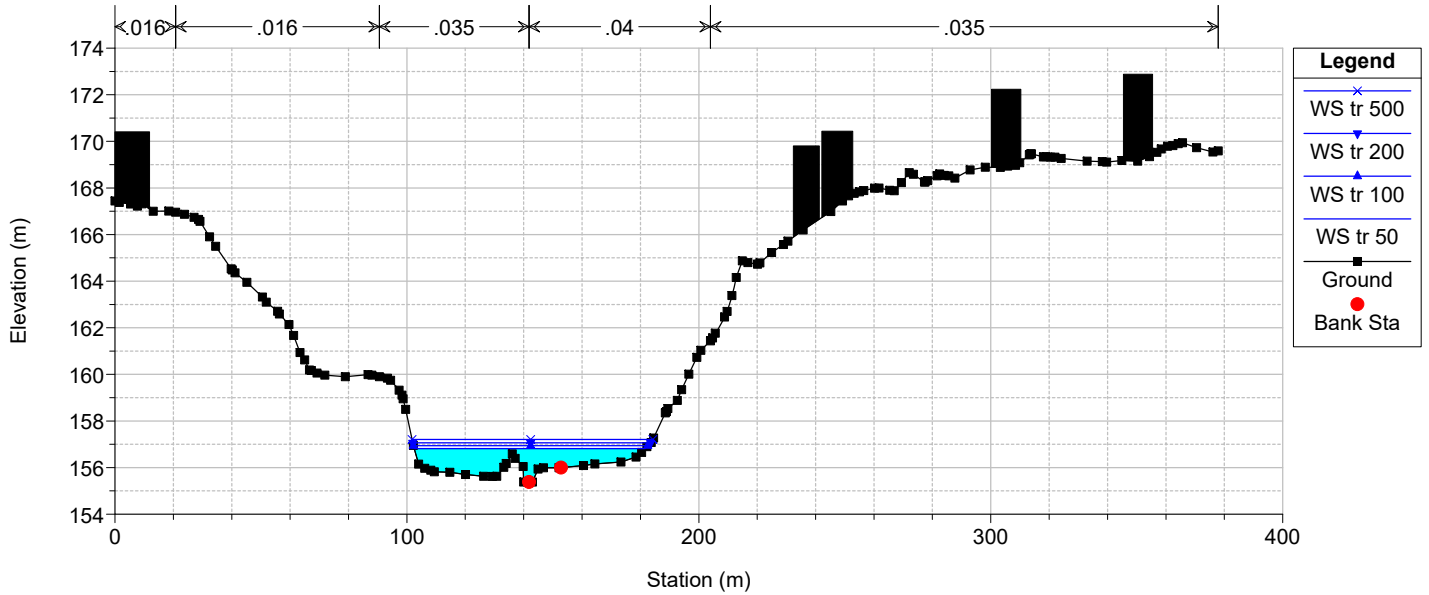
River = Rio San Giovanni Reach = Rio San Giovanni RS = 5890 Culv ATTRAVERSAMENTO A7 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

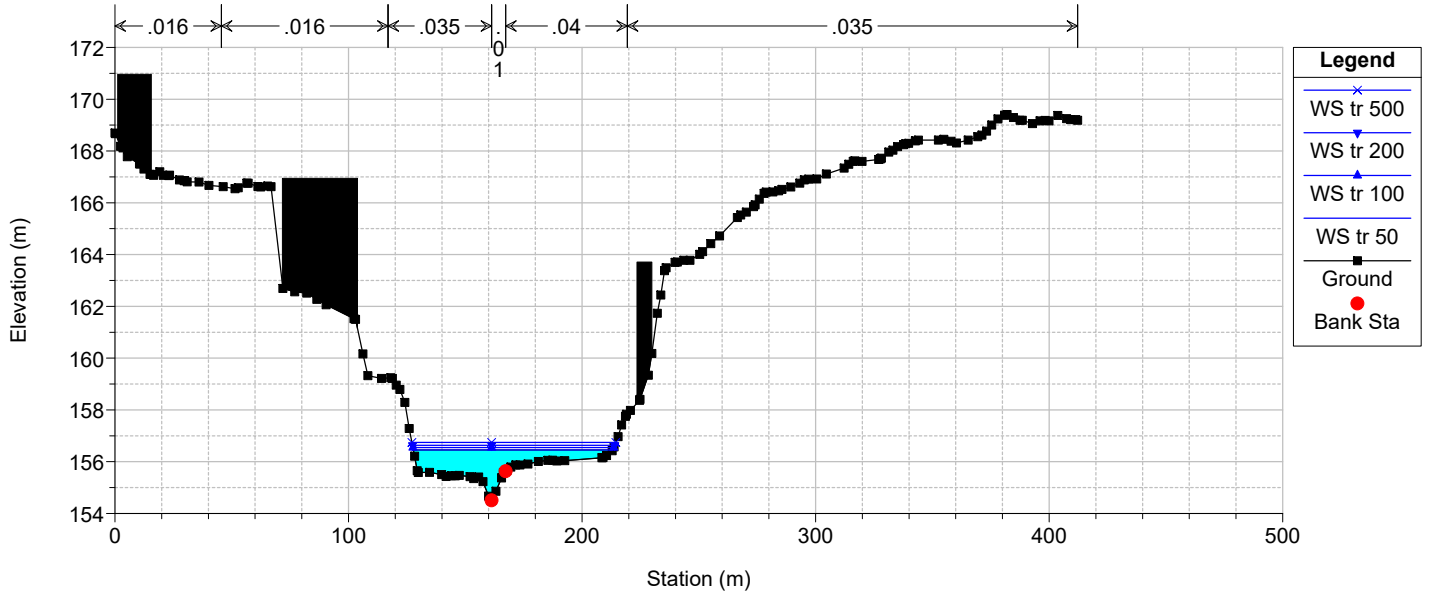
River = Rio San Giovanni Reach = Rio San Giovanni RS = 5862.809 SEZIONE 190 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

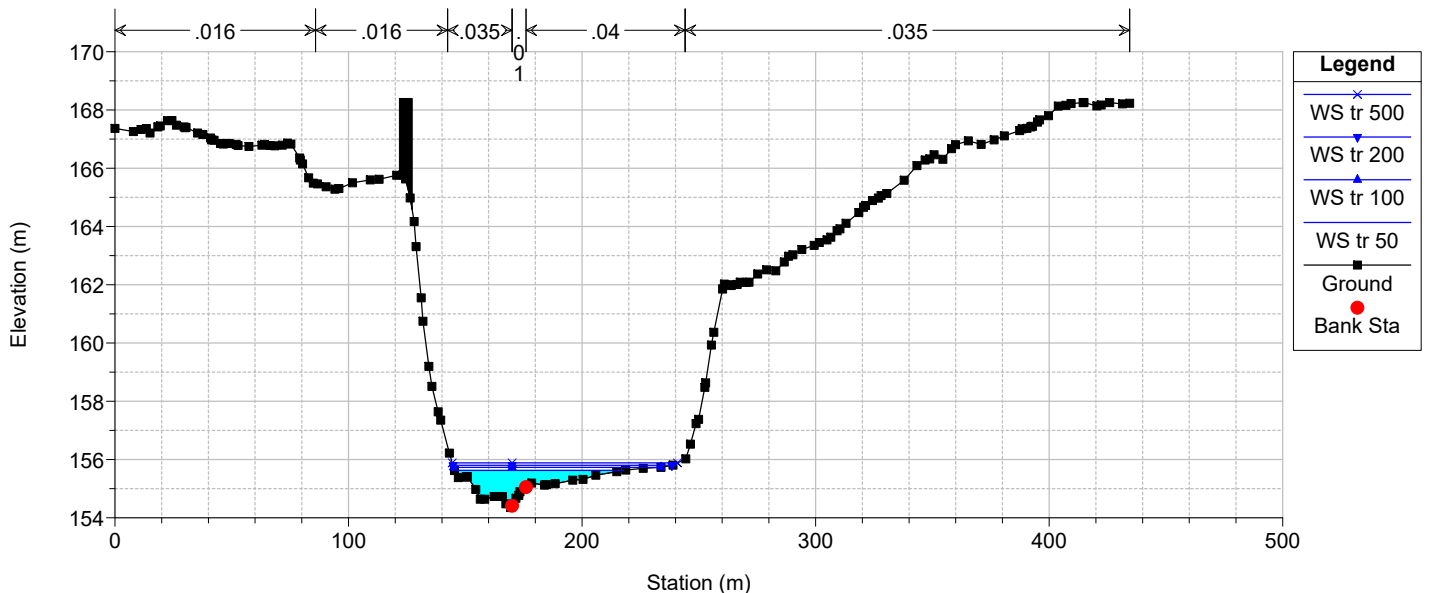
River = Rio San Giovanni Reach = Rio San Giovanni RS = 5829.787 SEZIONE 189 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

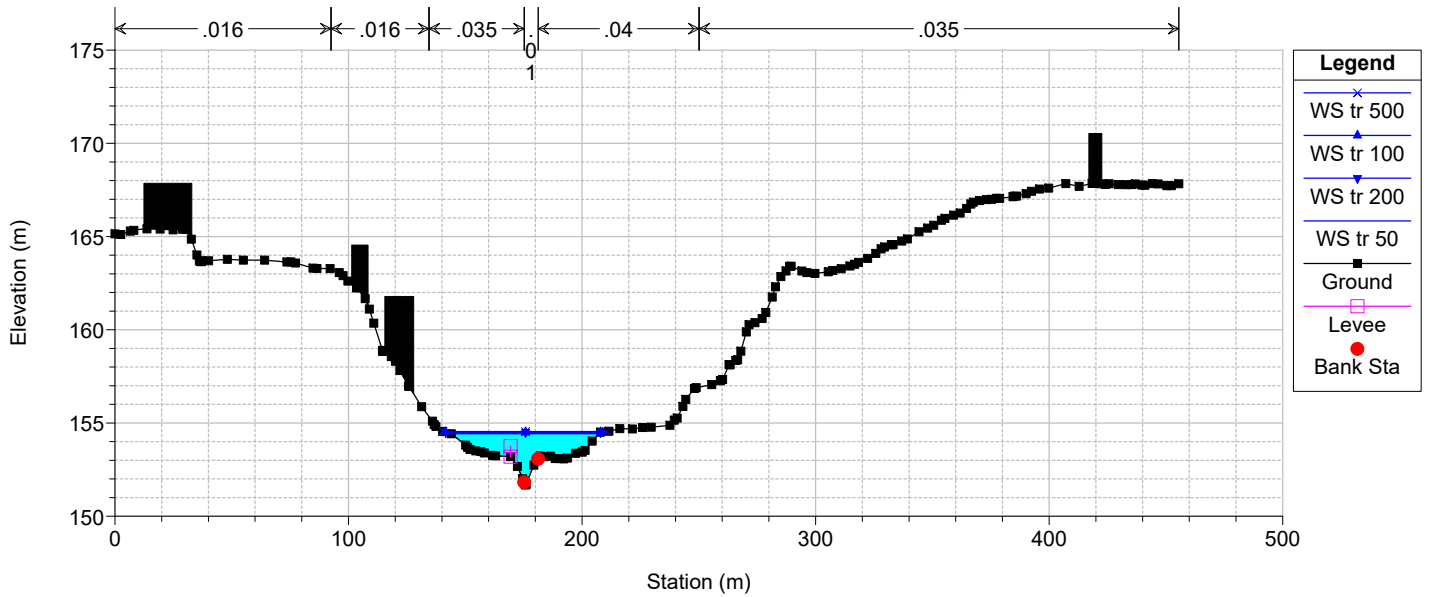
River = Rio San Giovanni Reach = Rio San Giovanni RS = 5762.535 SEZIONE 188 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

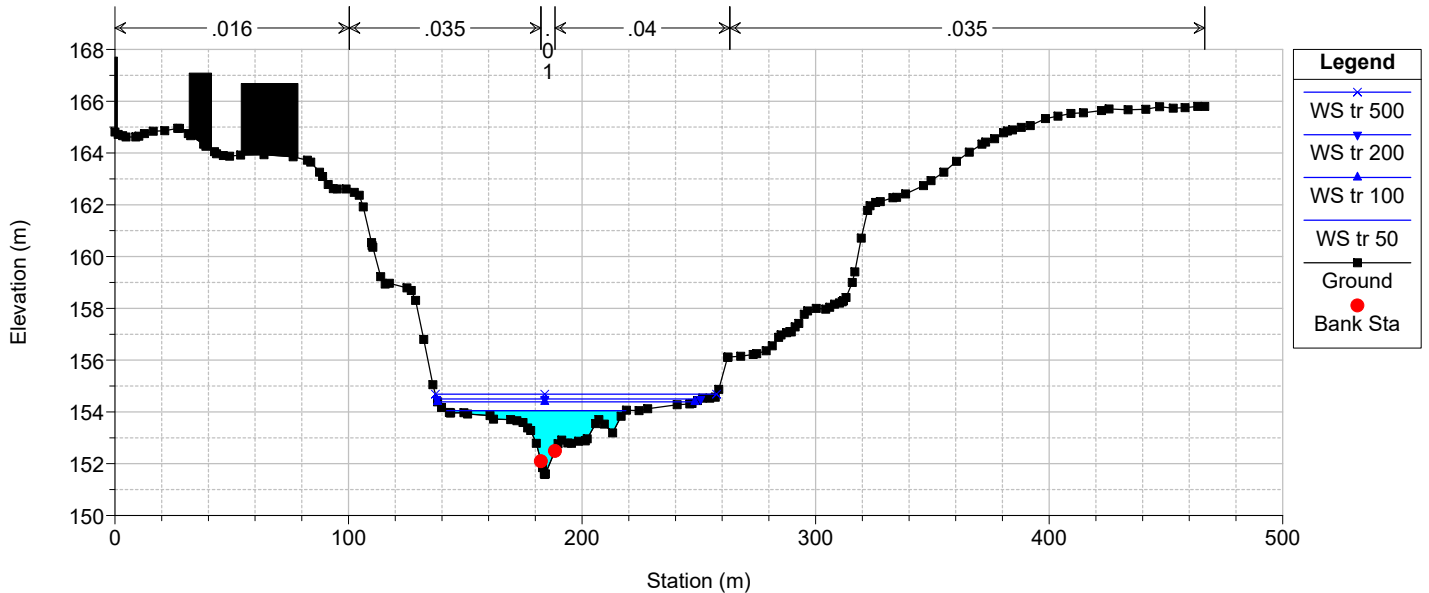
River = Rio San Giovanni Reach = Rio San Giovanni RS = 5683.757 SEZIONE 187 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

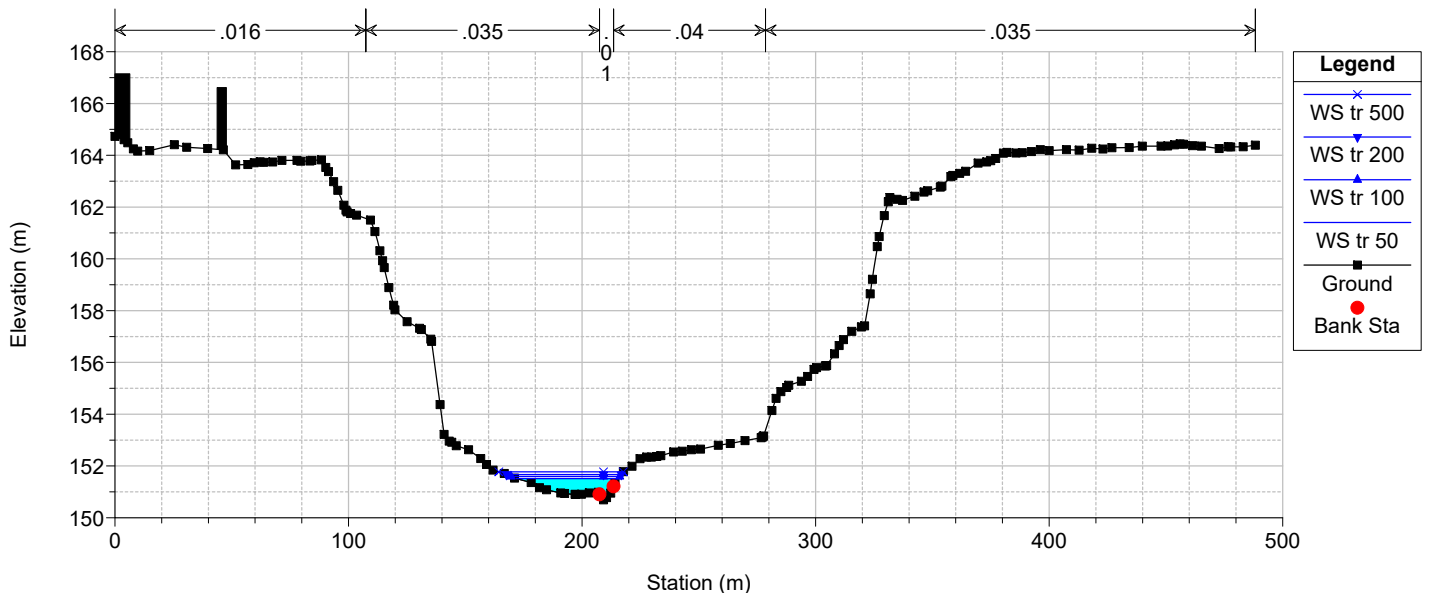
River = Rio San Giovanni Reach = Rio San Giovanni RS = 5649.735 SEZIONE 186 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

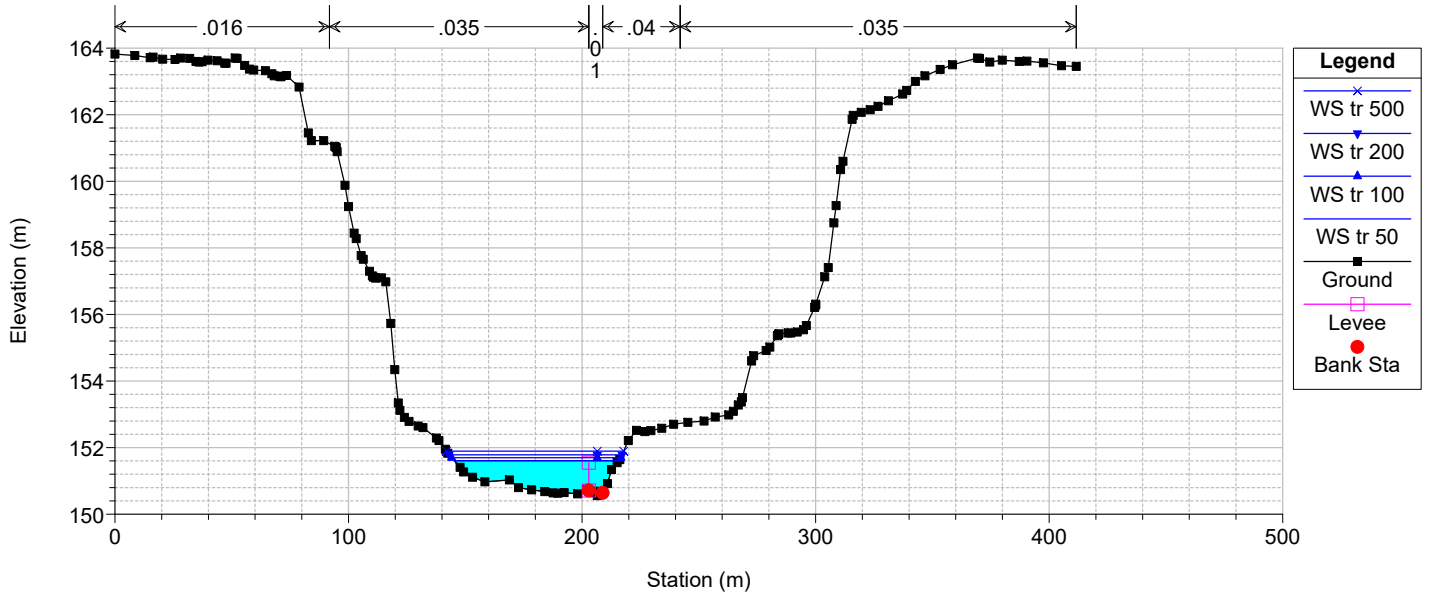
River = Rio San Giovanni Reach = Rio San Giovanni RS = 5602.582 SEZIONE 185 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

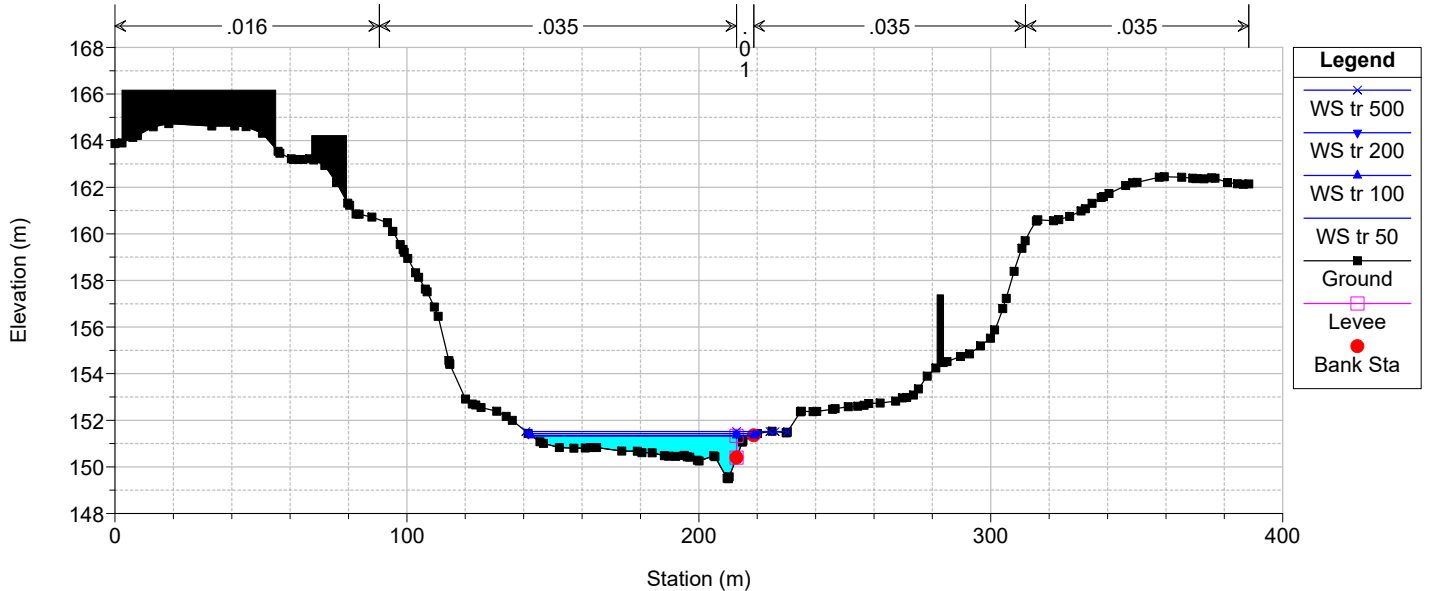
River = Rio San Giovanni Reach = Rio San Giovanni RS = 5578.024 SEZIONE 184 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

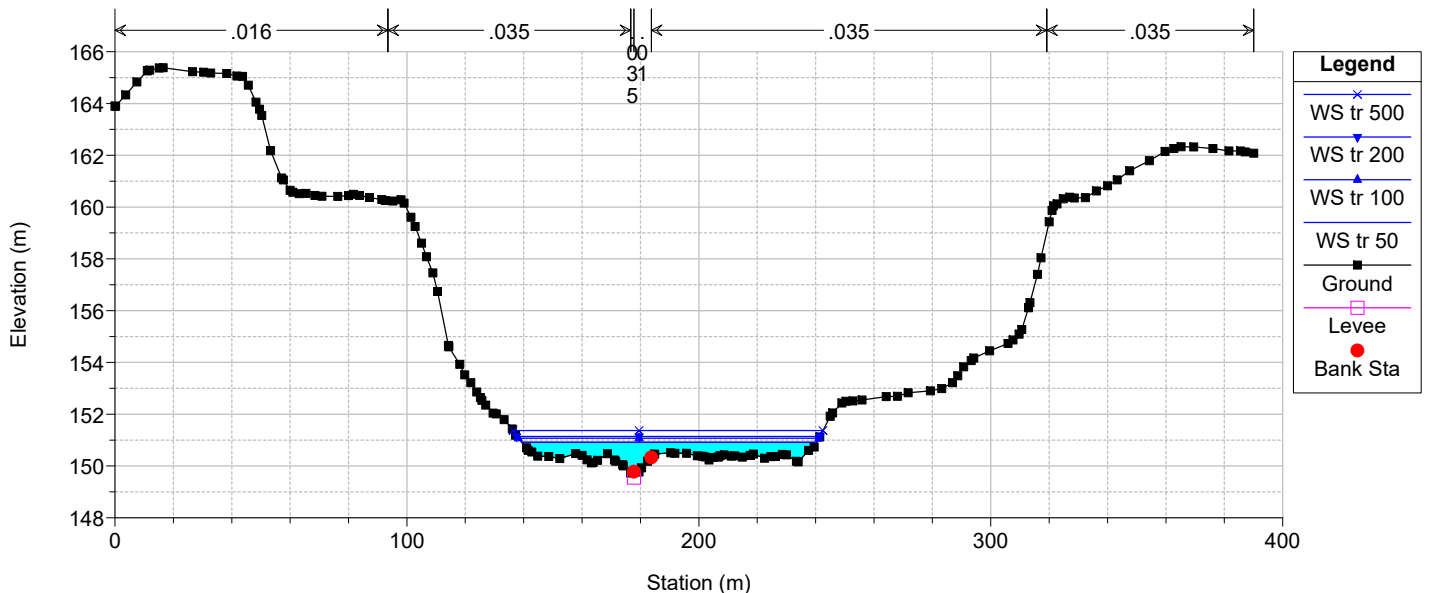
River = Rio San Giovanni Reach = Rio San Giovanni RS = 5541.668 SEZIONE 183 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

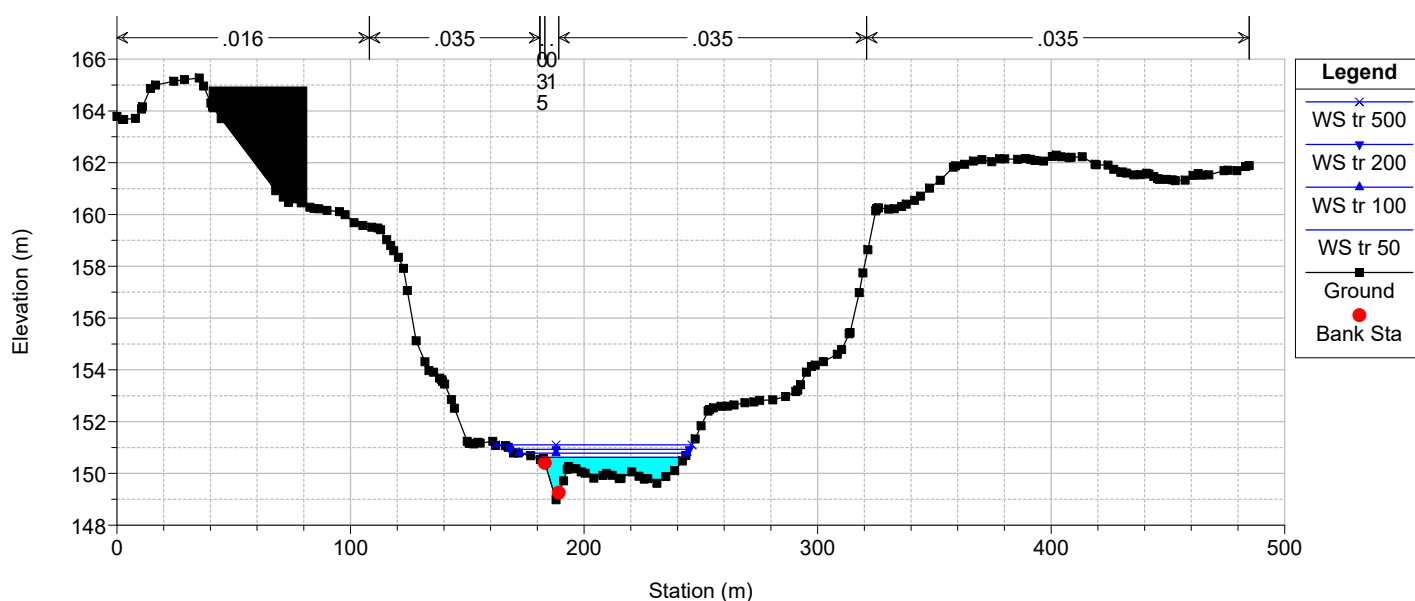
River = Rio San Giovanni Reach = Rio San Giovanni RS = 5501.360 SEZIONE 182 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

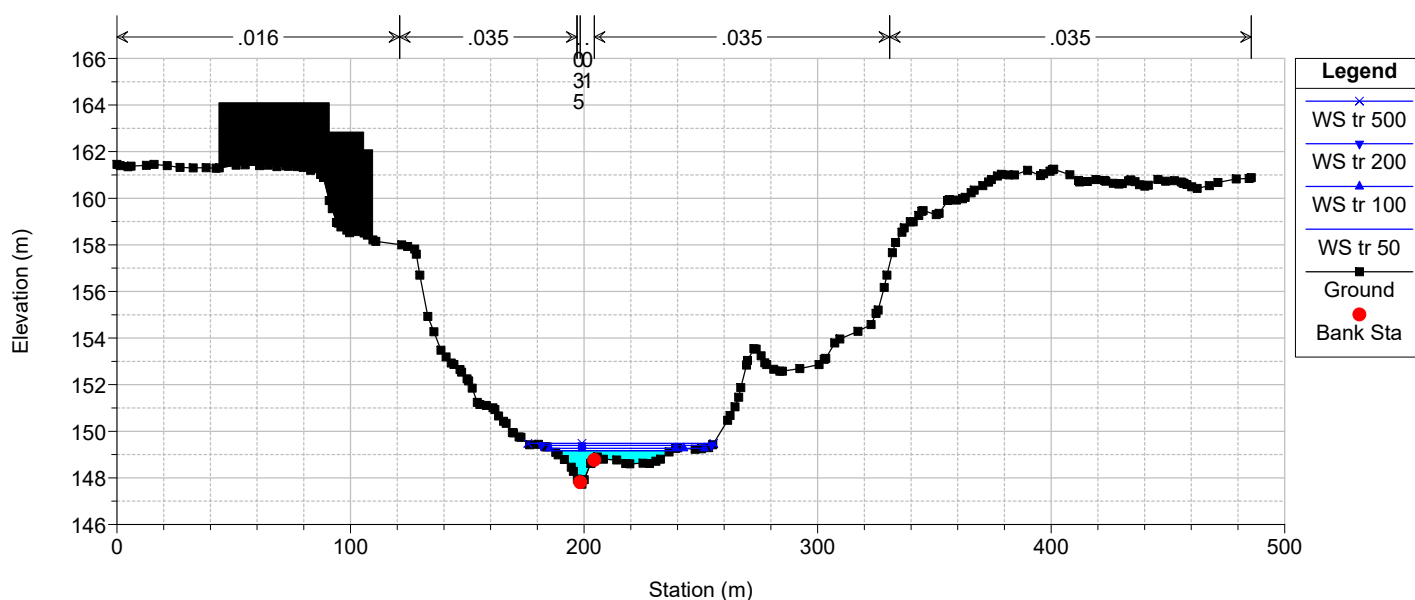
River = Rio San Giovanni Reach = Rio San Giovanni RS = 5476.022 SEZIONE 181 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

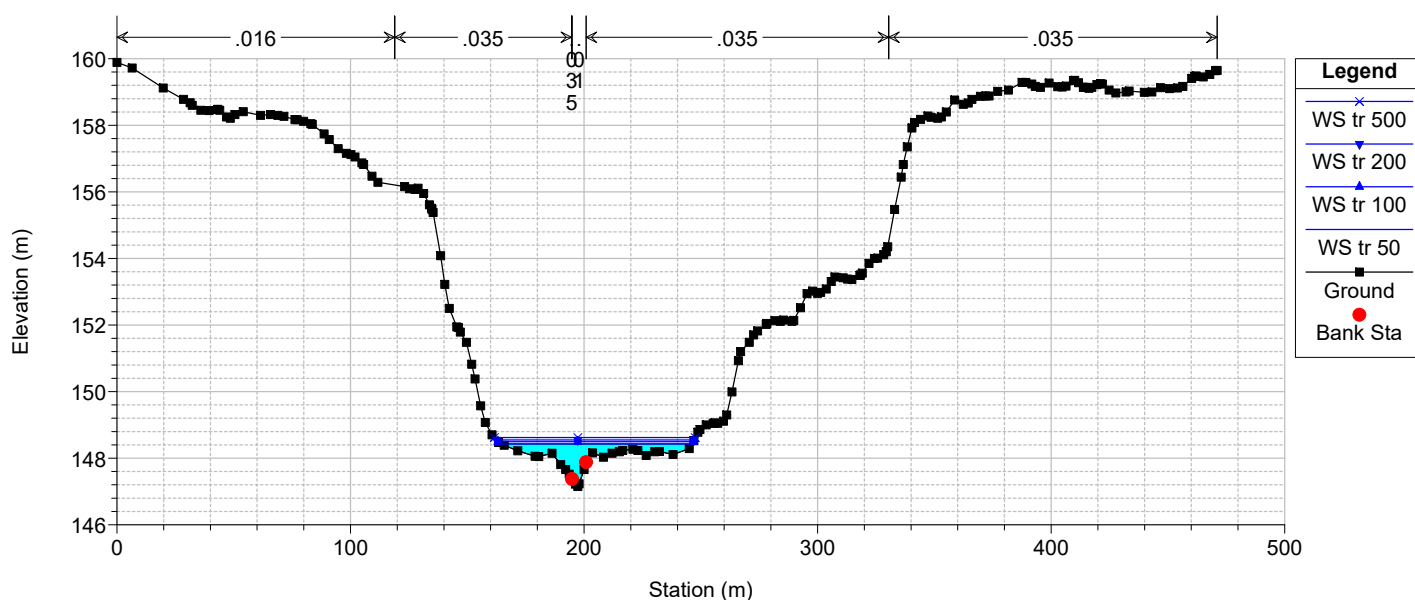
River = Rio San Giovanni Reach = Rio San Giovanni RS = 5433.750 SEZIONE 180 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

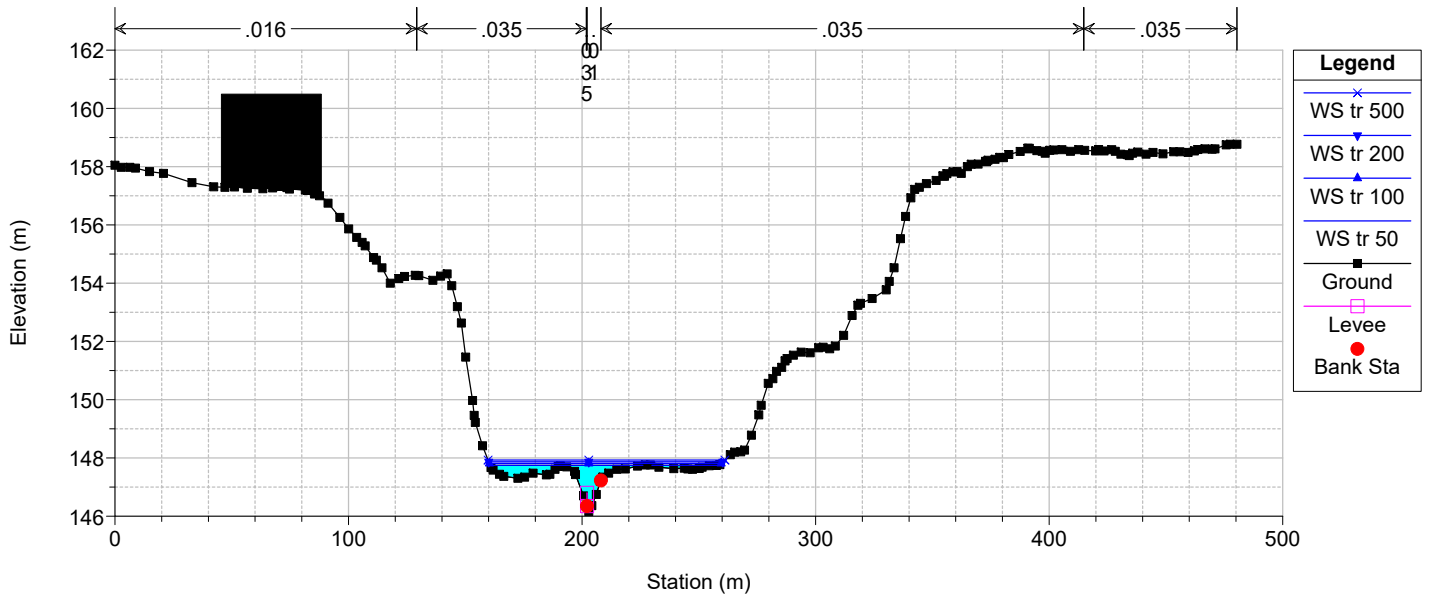
River = Rio San Giovanni Reach = Rio San Giovanni RS = 5376.300 SEZIONE 179 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

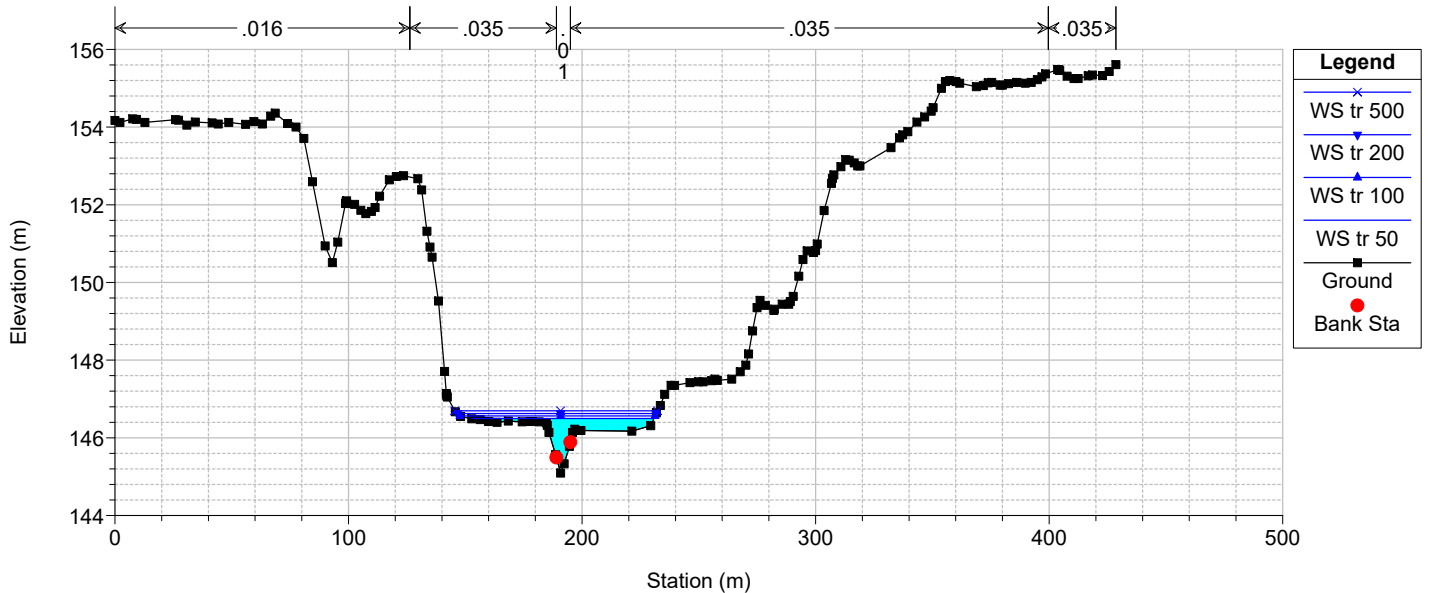
River = Rio San Giovanni Reach = Rio San Giovanni RS = 5319.093 SEZIONE 178 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

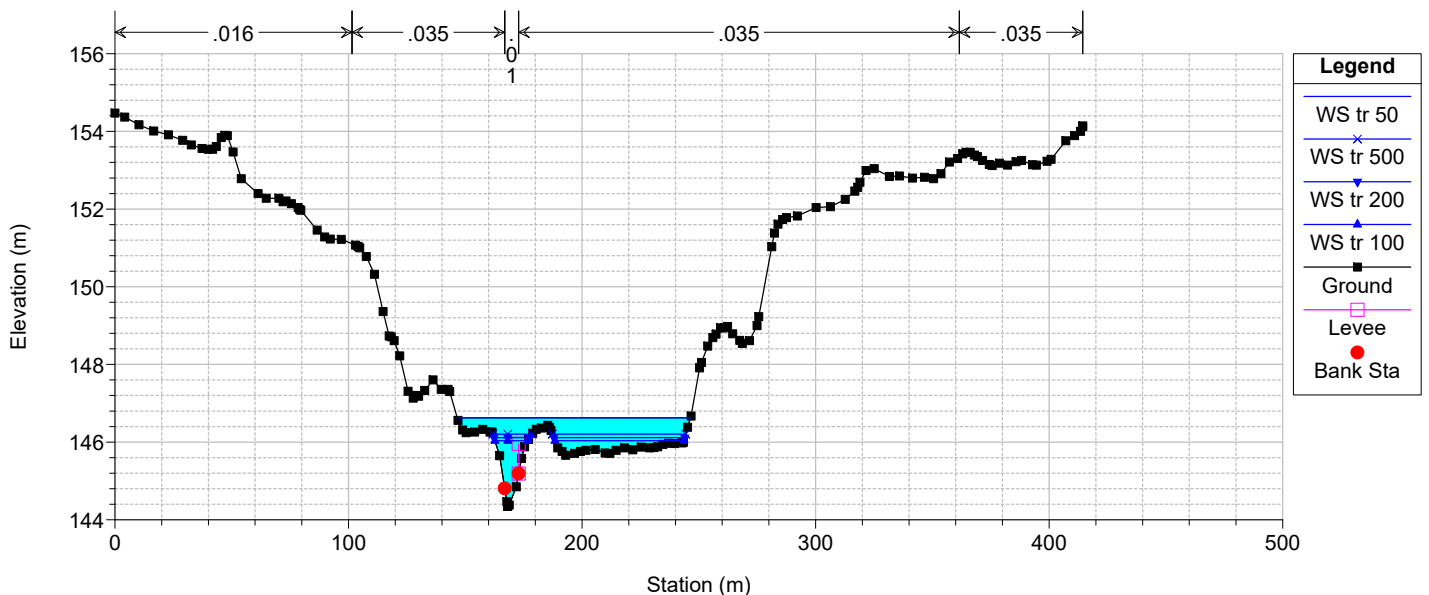
River = Rio San Giovanni Reach = Rio San Giovanni RS = 5255.656 SEZIONE 177 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

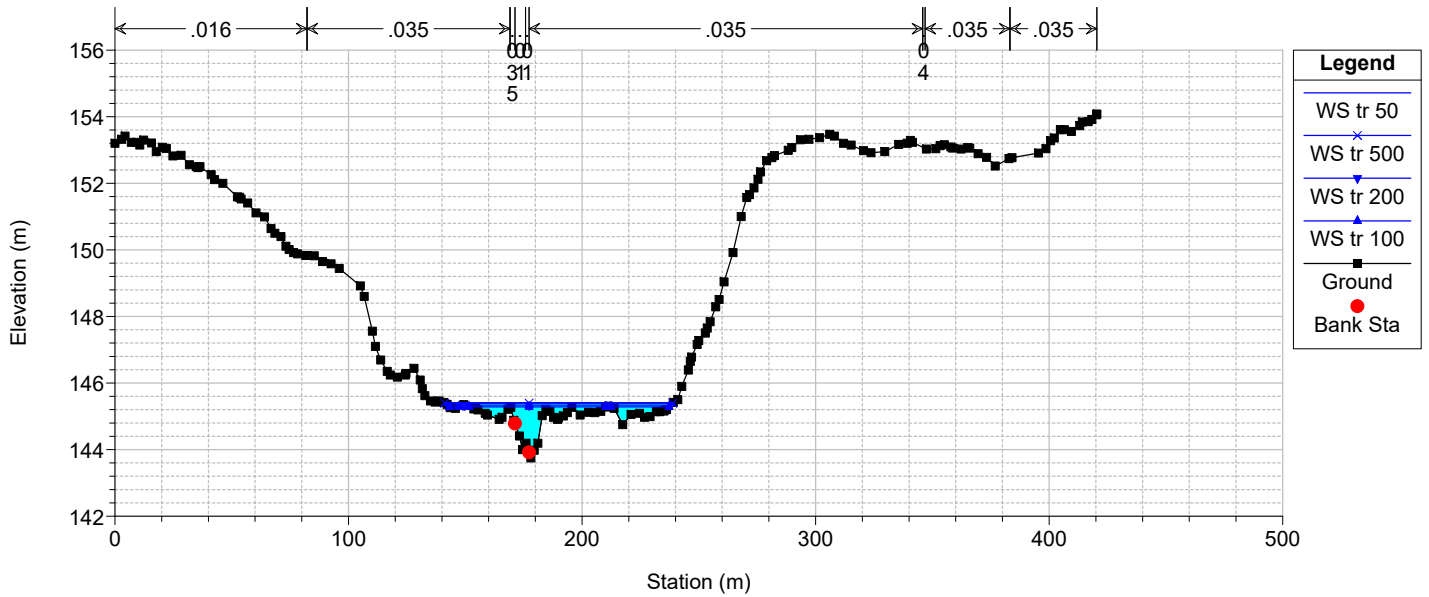
River = Rio San Giovanni Reach = Rio San Giovanni RS = 5181.341 SEZIONE 176 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

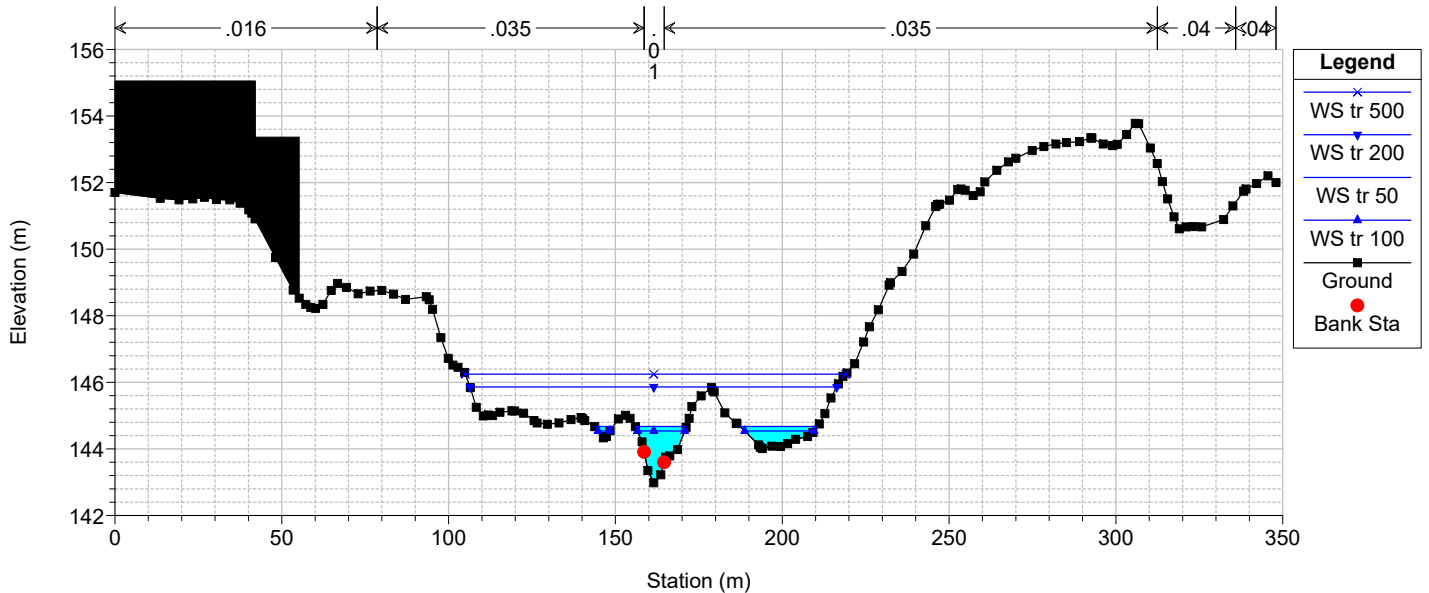
River = Rio San Giovanni Reach = Rio San Giovanni RS = 5130.800 SEZIONE 175 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

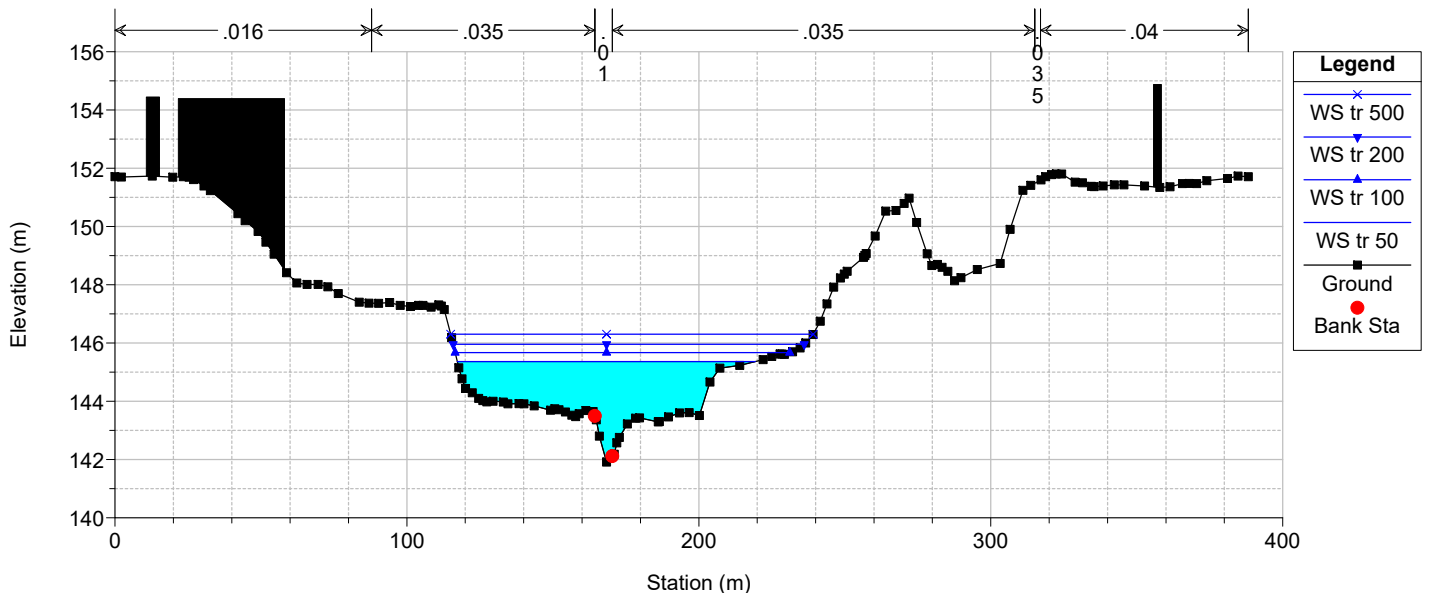
River = Rio San Giovanni Reach = Rio San Giovanni RS = 5075.290 SEZIONE 174 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

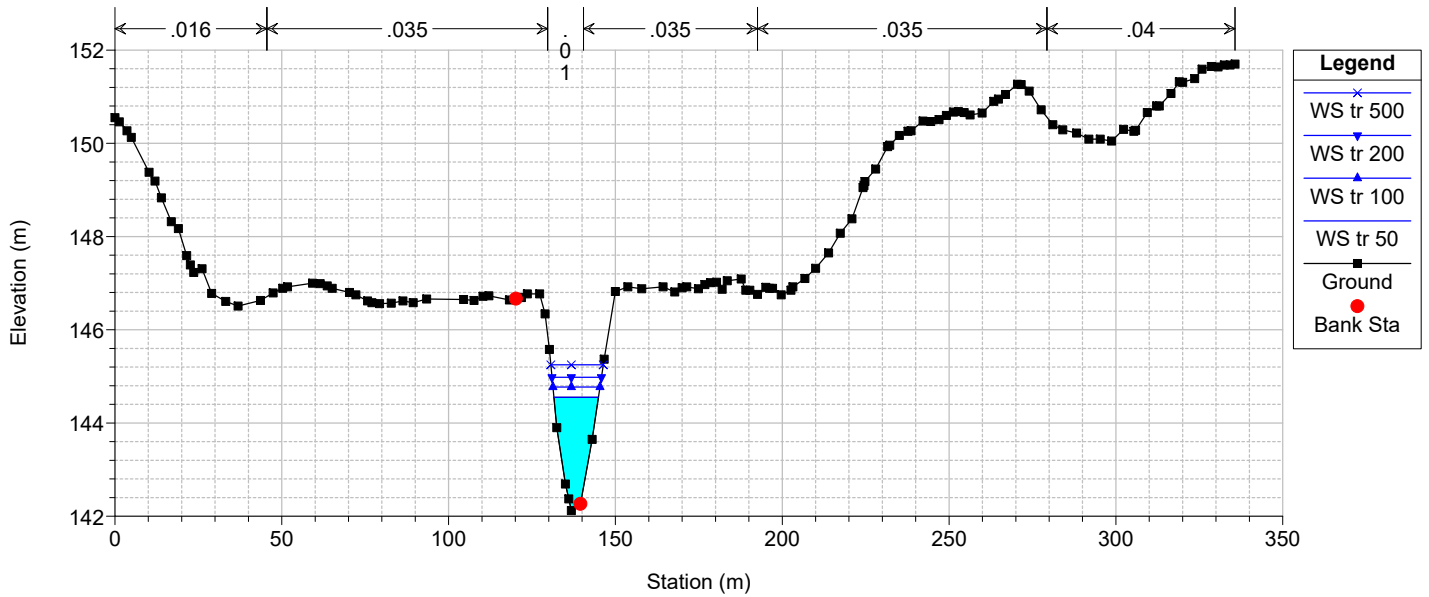
River = Rio San Giovanni Reach = Rio San Giovanni RS = 5021.049 SEZIONE 173 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

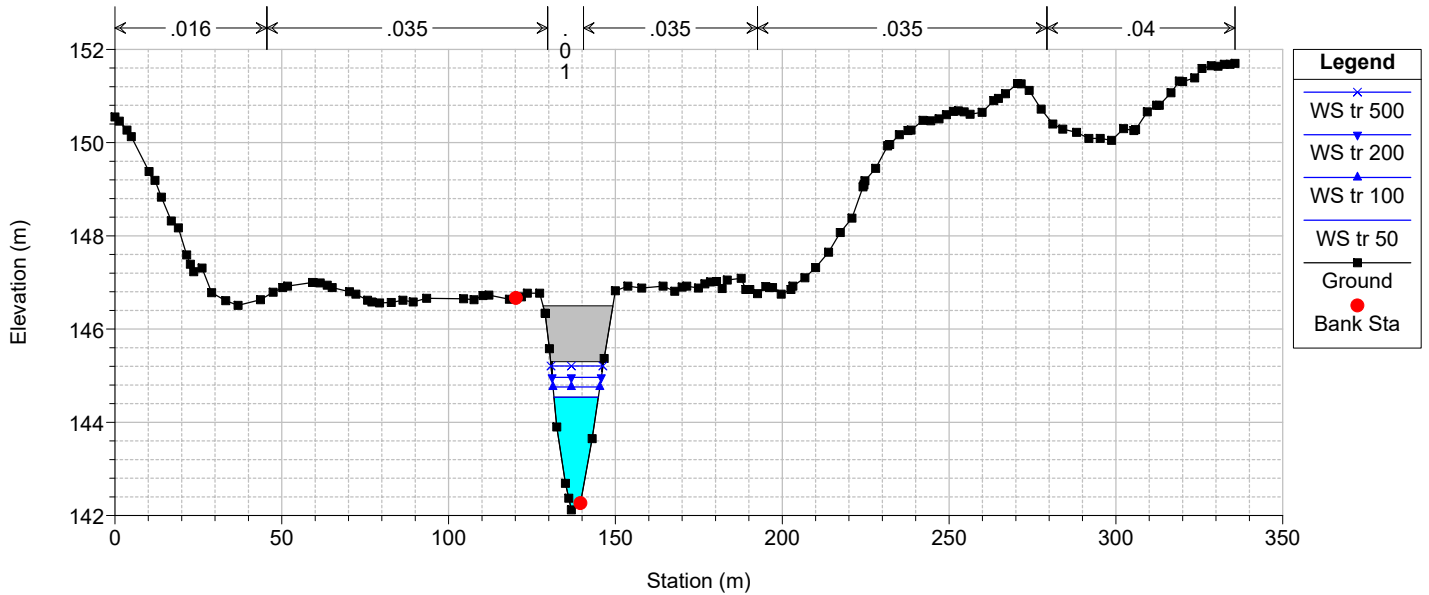
River = Rio San Giovanni Reach = Rio San Giovanni RS = 4984.191 SEZIONE 172 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

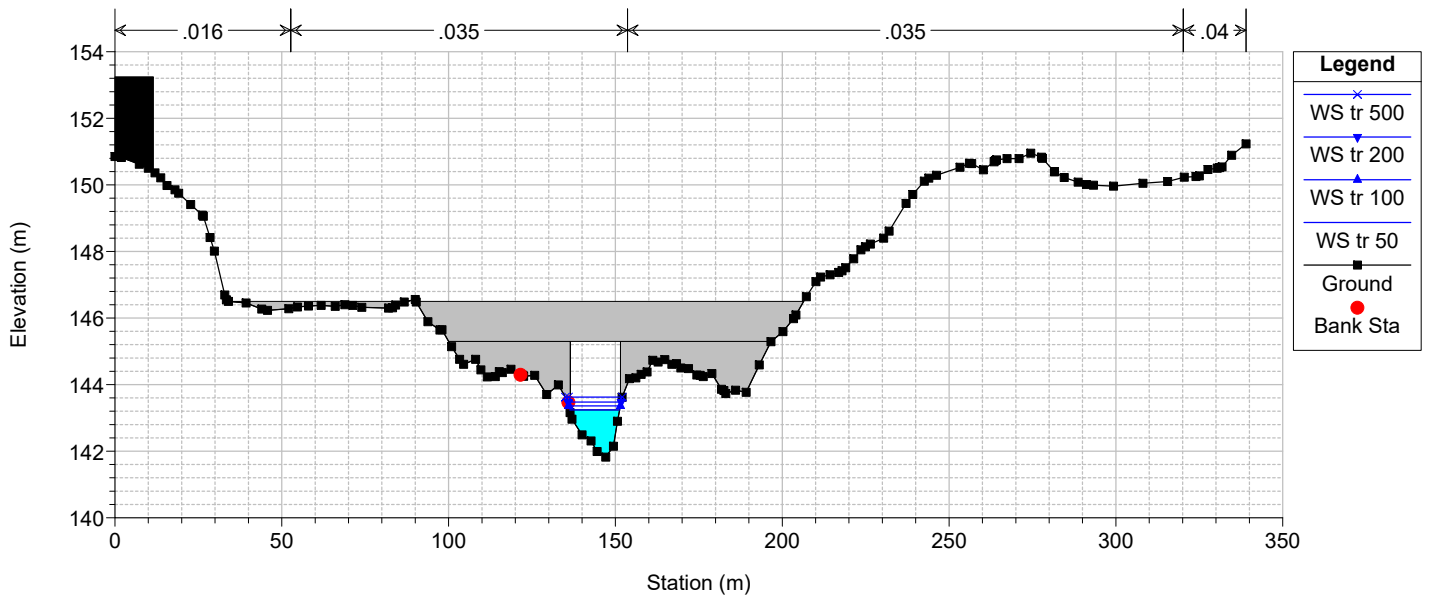
River = Rio San Giovanni Reach = Rio San Giovanni RS = 4980 BR ATTRAVERSAMENTO A8 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

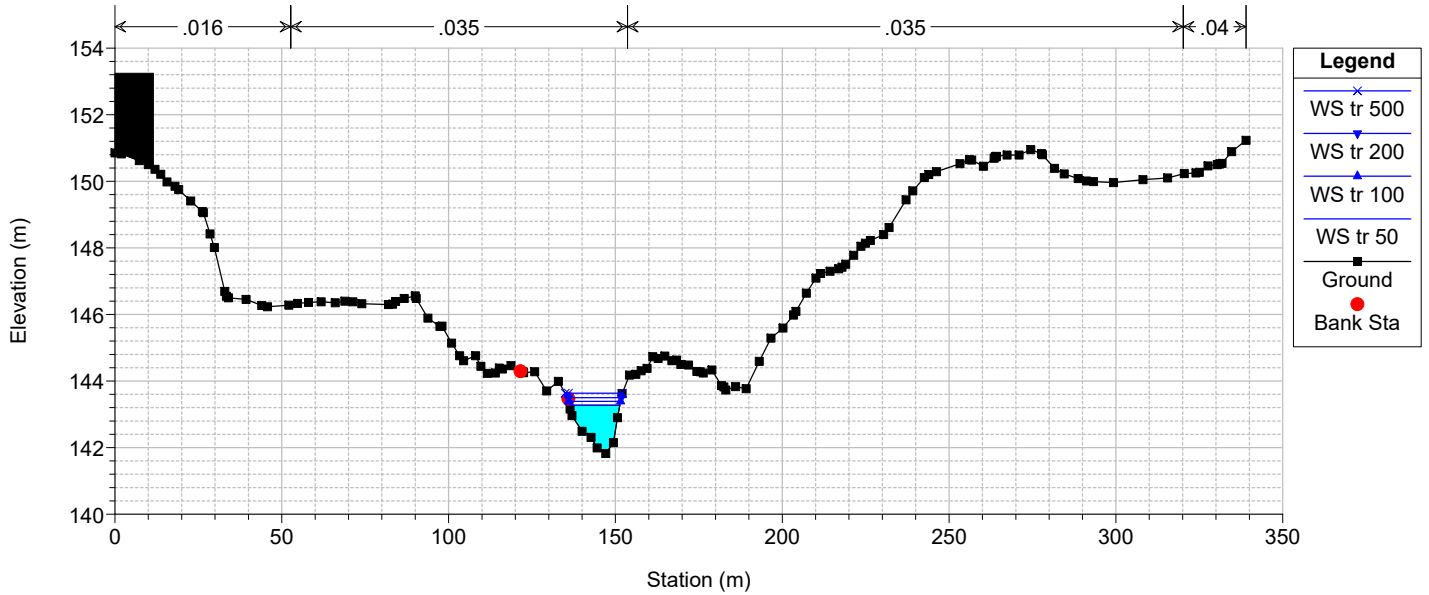
River = Rio San Giovanni Reach = Rio San Giovanni RS = 4980 BR ATTRAVERSAMENTO A8 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

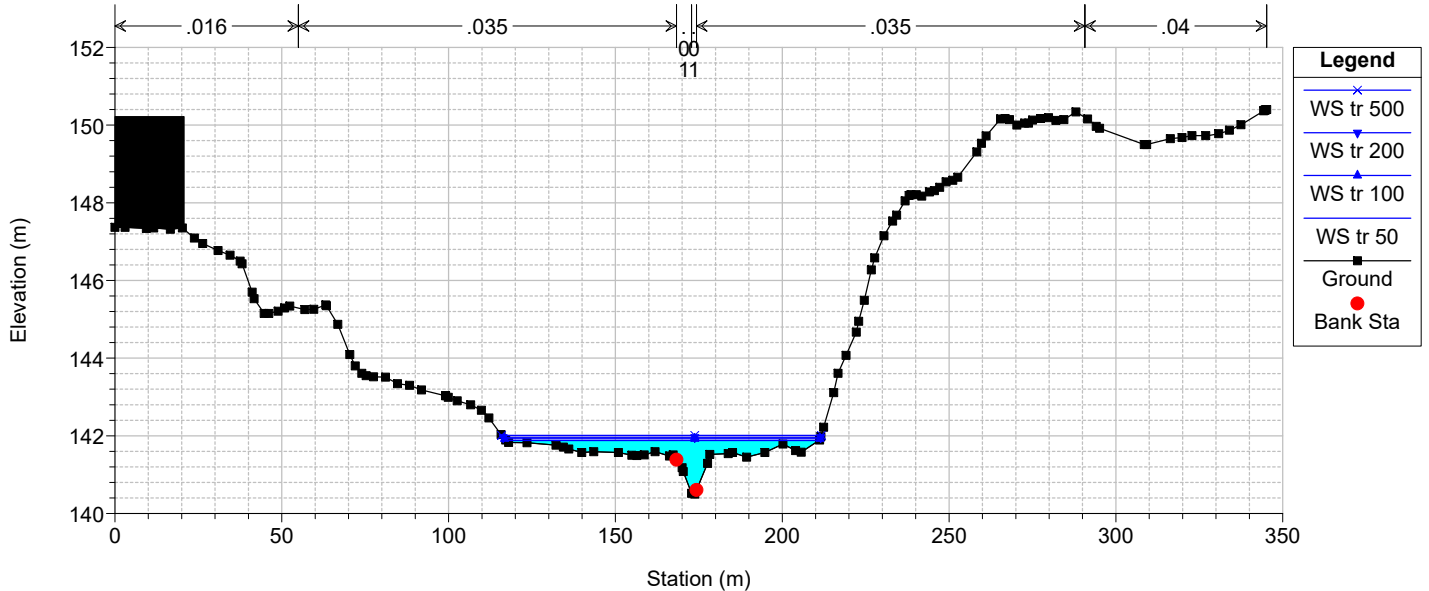
River = Rio San Giovanni Reach = Rio San Giovanni RS = 4974.263 SEZIONE 171 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

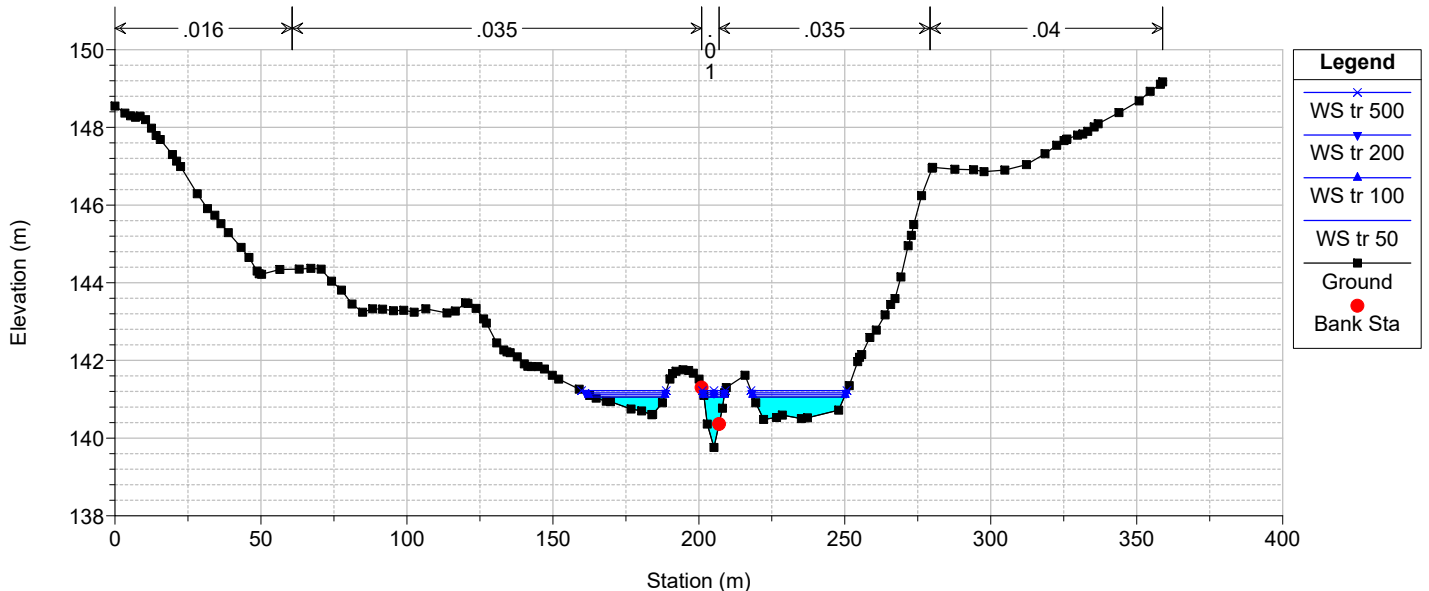
River = Rio San Giovanni Reach = Rio San Giovanni RS = 4933.428 SEZIONE 170 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

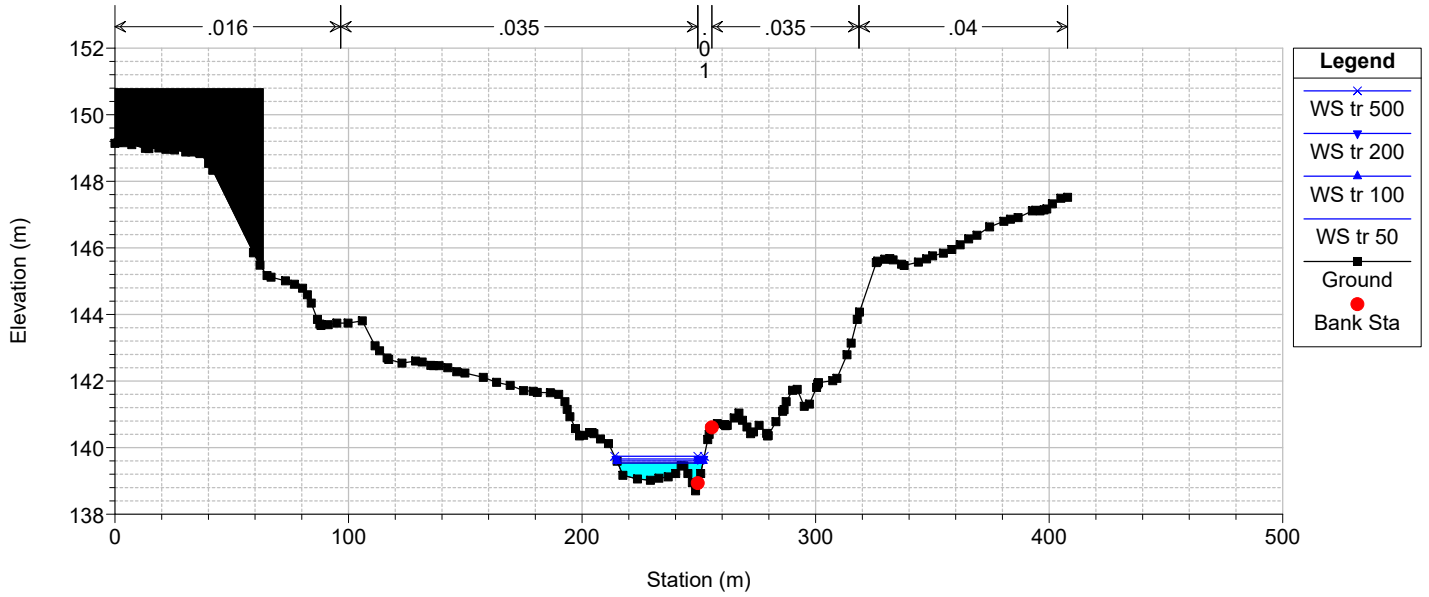
River = Rio San Giovanni Reach = Rio San Giovanni RS = 4852.006 SEZIONE 169 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

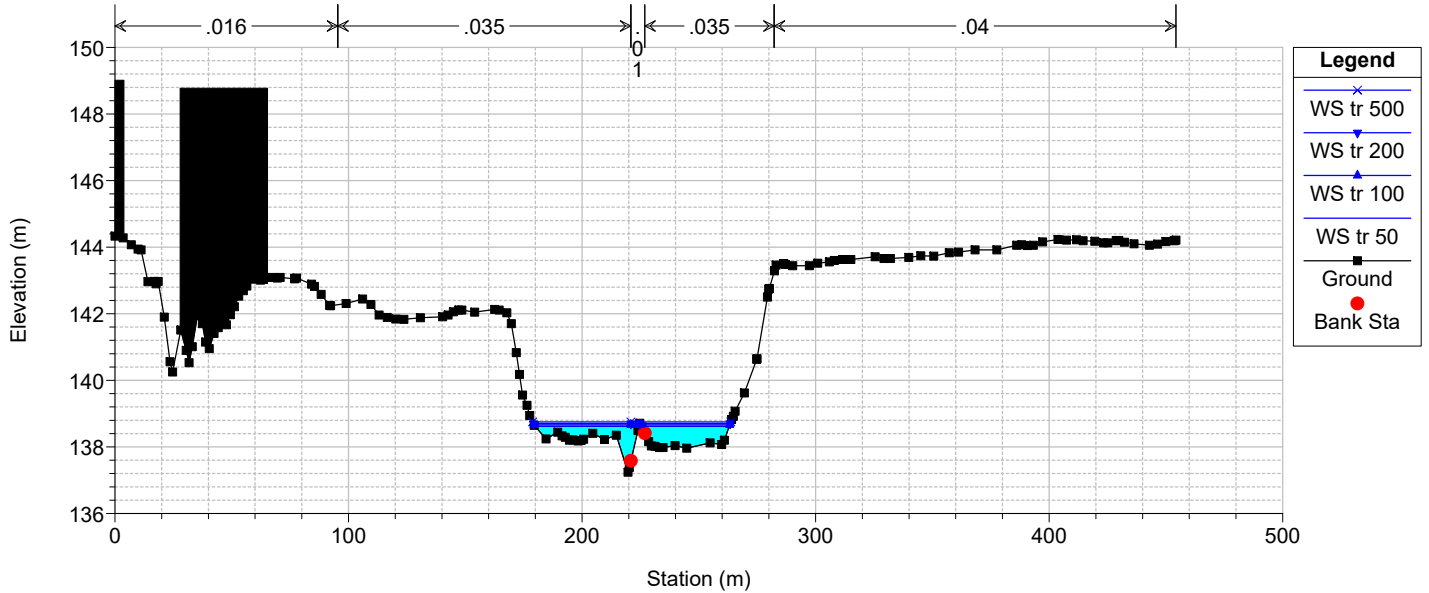
River = Rio San Giovanni Reach = Rio San Giovanni RS = 4777.650 SEZIONE 168 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

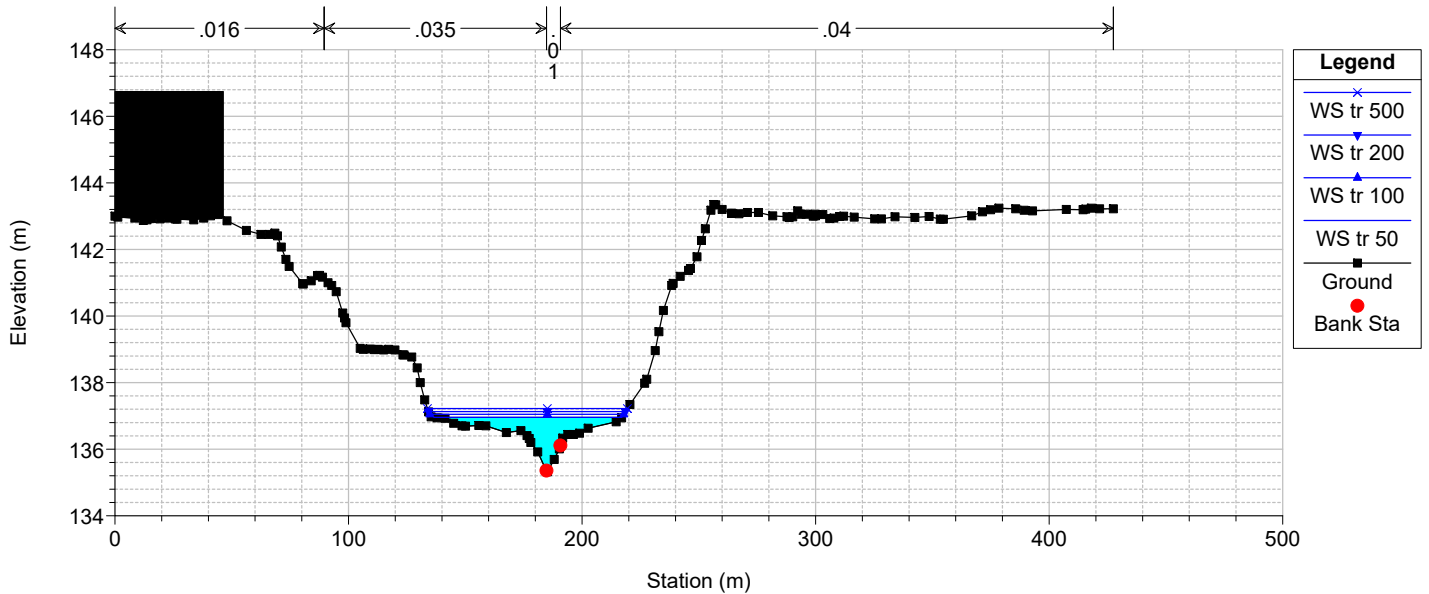
River = Rio San Giovanni Reach = Rio San Giovanni RS = 4675.018 SEZIONE 167 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

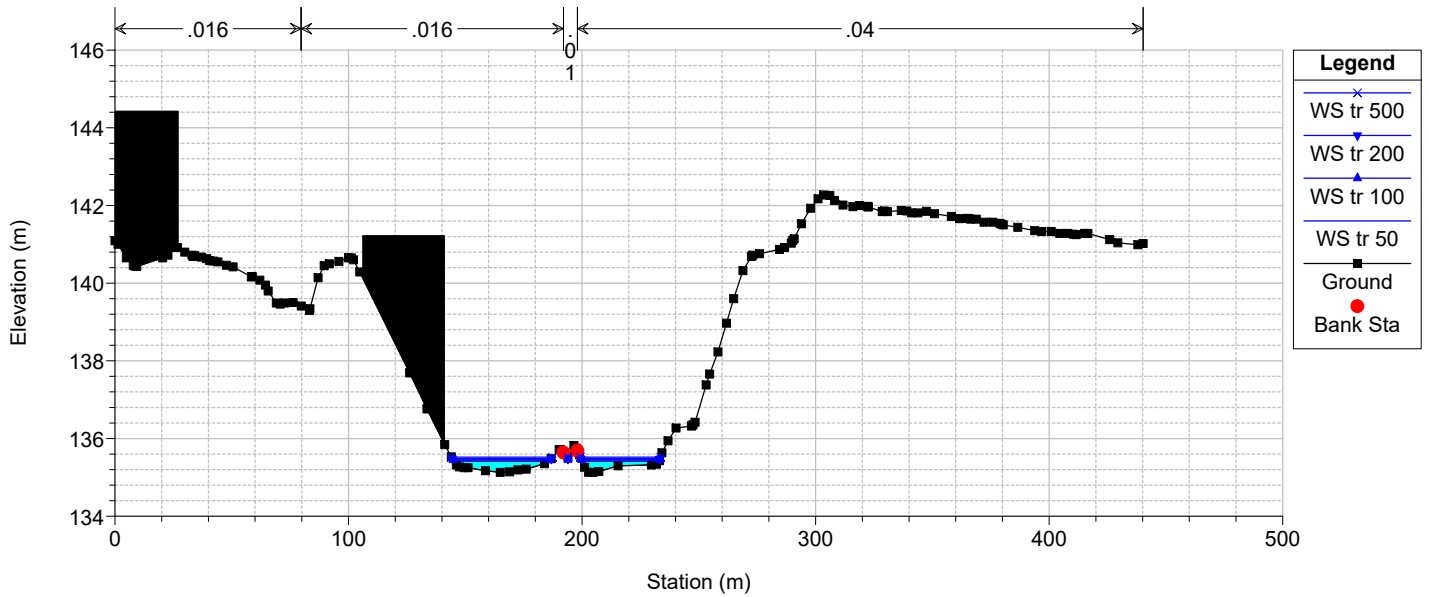
River = Rio San Giovanni Reach = Rio San Giovanni RS = 4586.810 SEZIONE 166 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

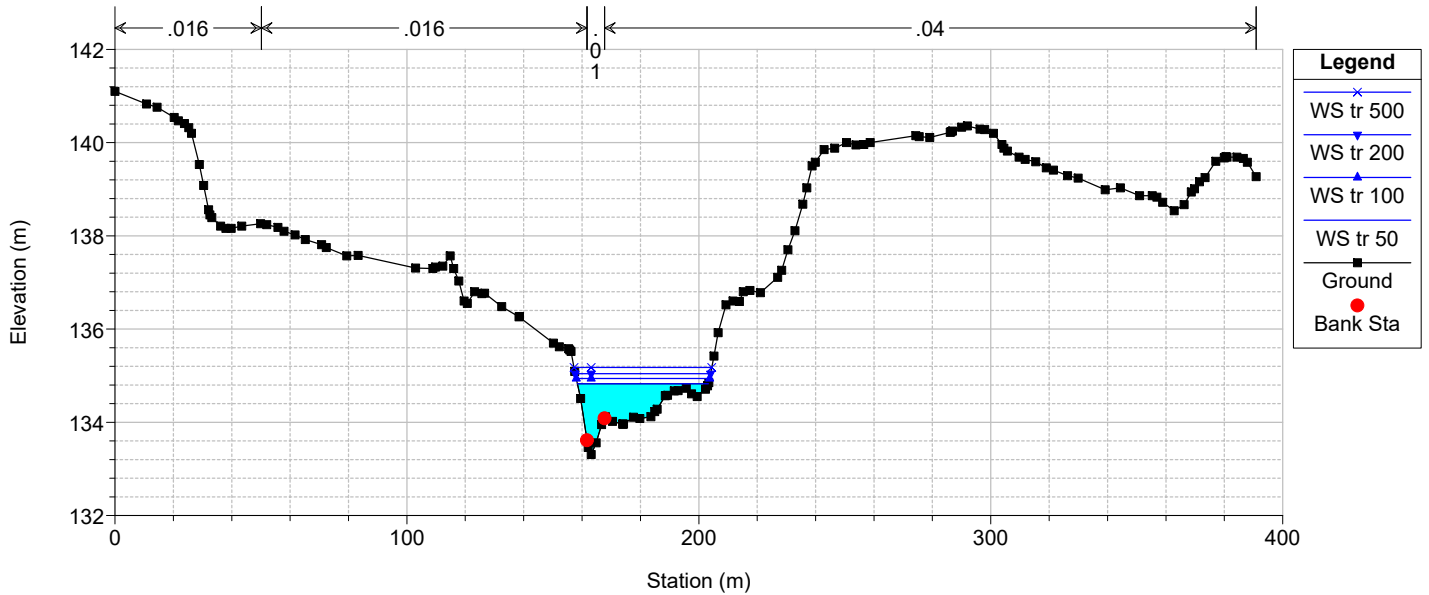
River = Rio San Giovanni Reach = Rio San Giovanni RS = 4508.690 SEZIONE 165 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

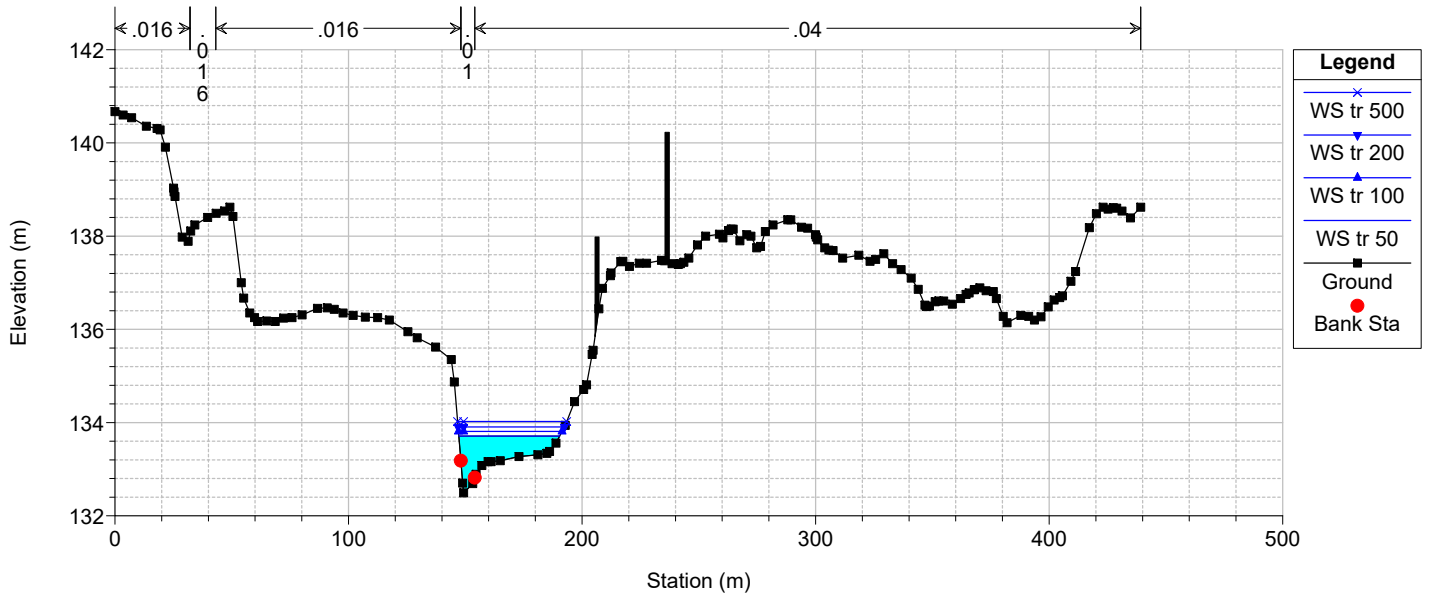
River = Rio San Giovanni Reach = Rio San Giovanni RS = 4427.632 SEZIONE 164 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

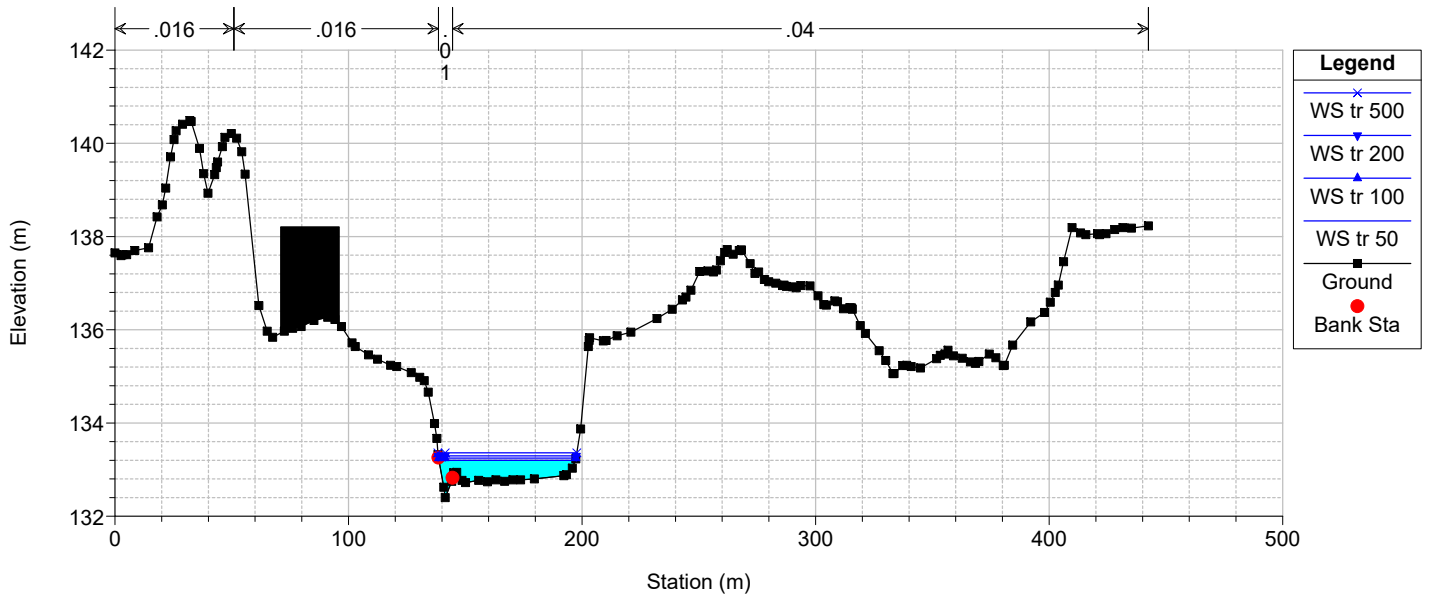
River = Rio San Giovanni Reach = Rio San Giovanni RS = 4356.111 SEZIONE 163 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

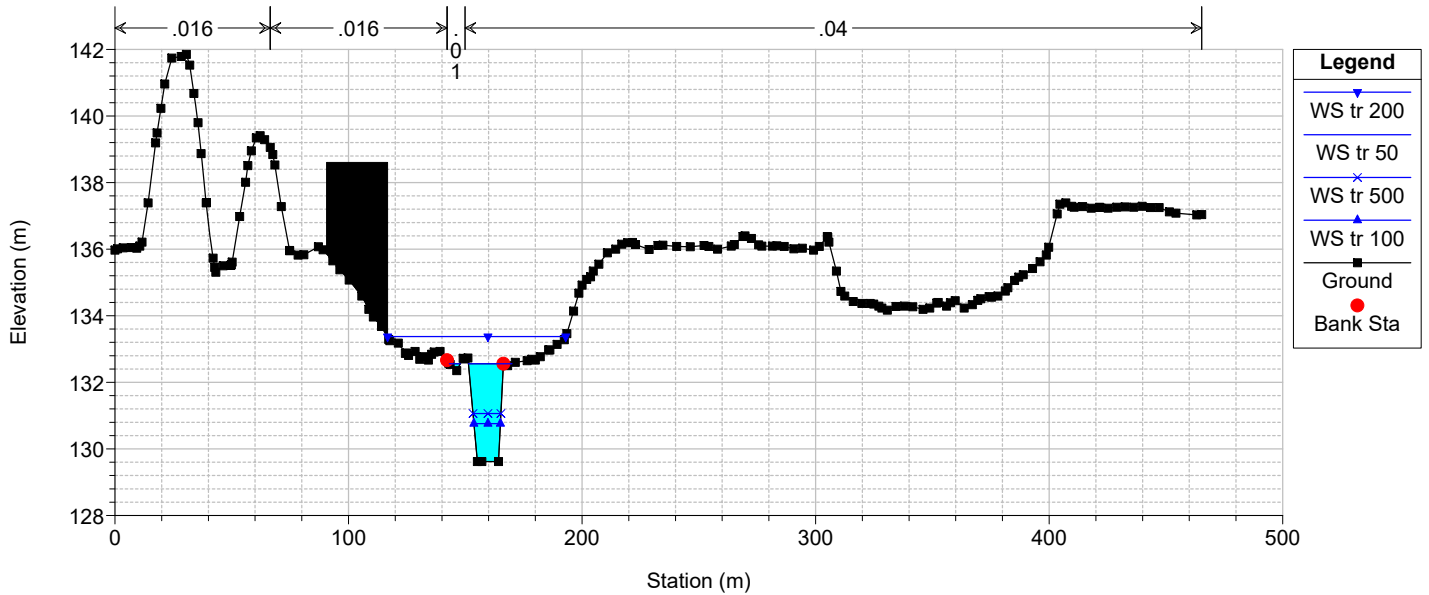
River = Rio San Giovanni Reach = Rio San Giovanni RS = 4290.175 SEZIONE 162 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

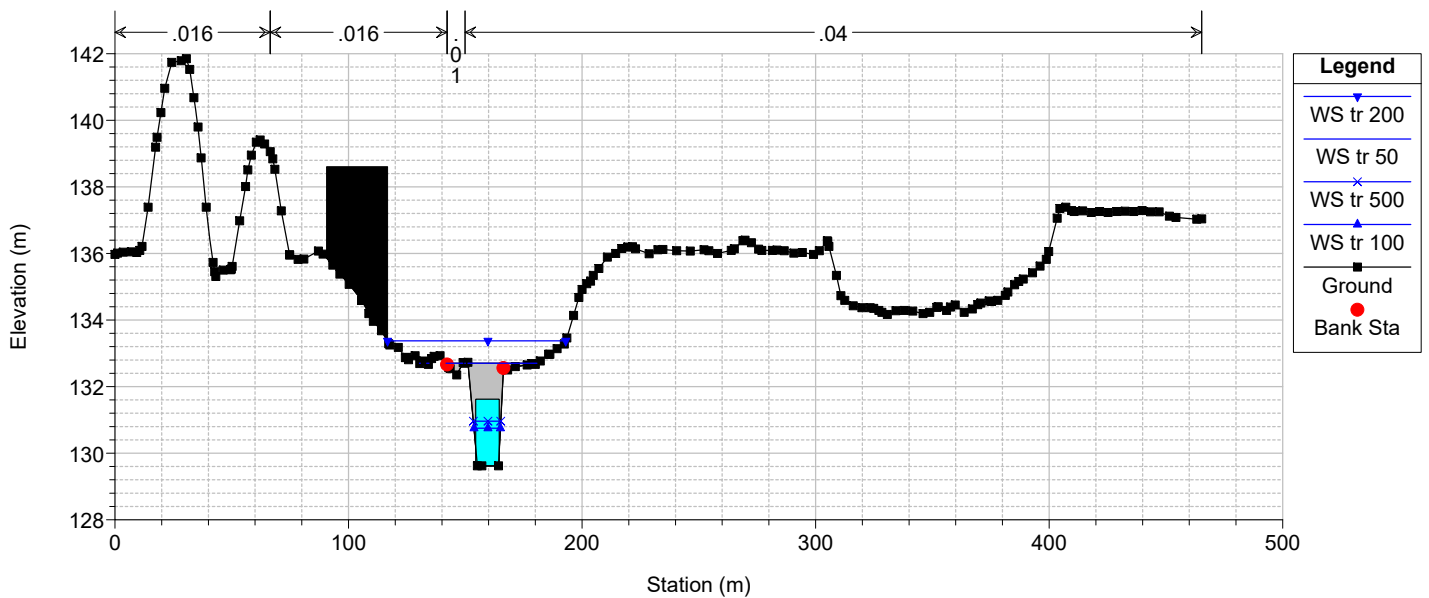
River = Rio San Giovanni Reach = Rio San Giovanni RS = 4246.225 SEZIONE 161 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

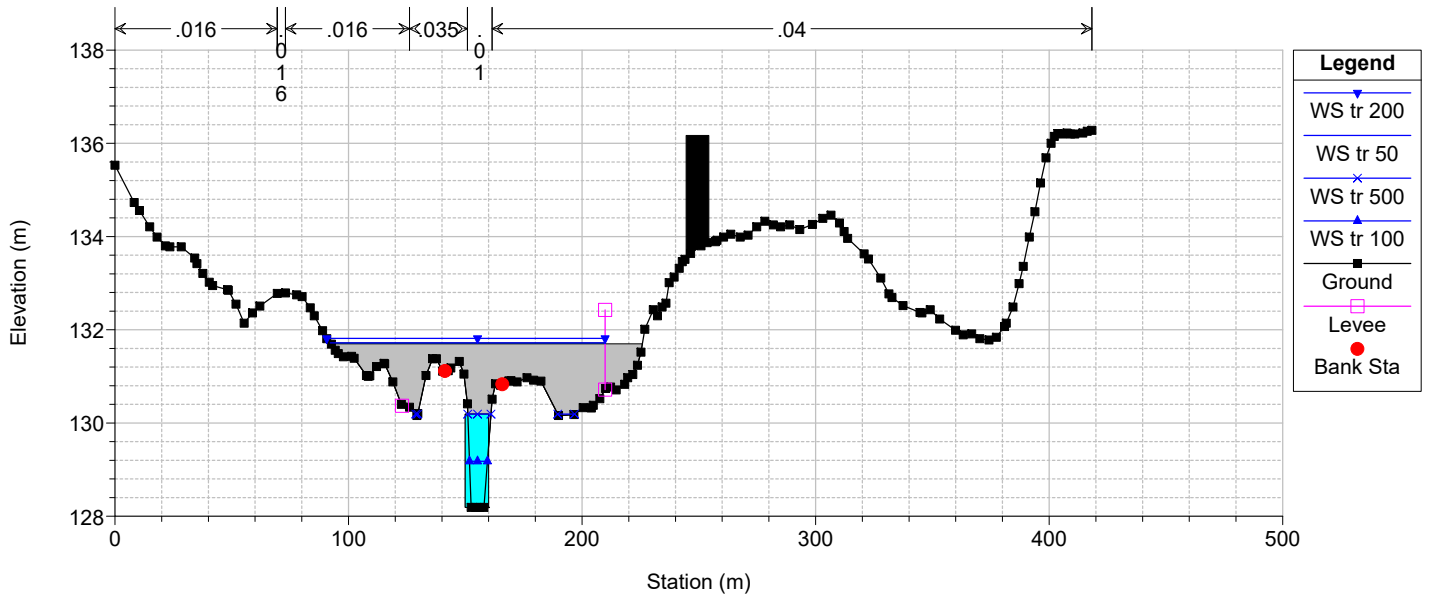
River = Rio San Giovanni Reach = Rio San Giovanni RS = 4150 Culv ATTRAVERSAMENTO A9 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

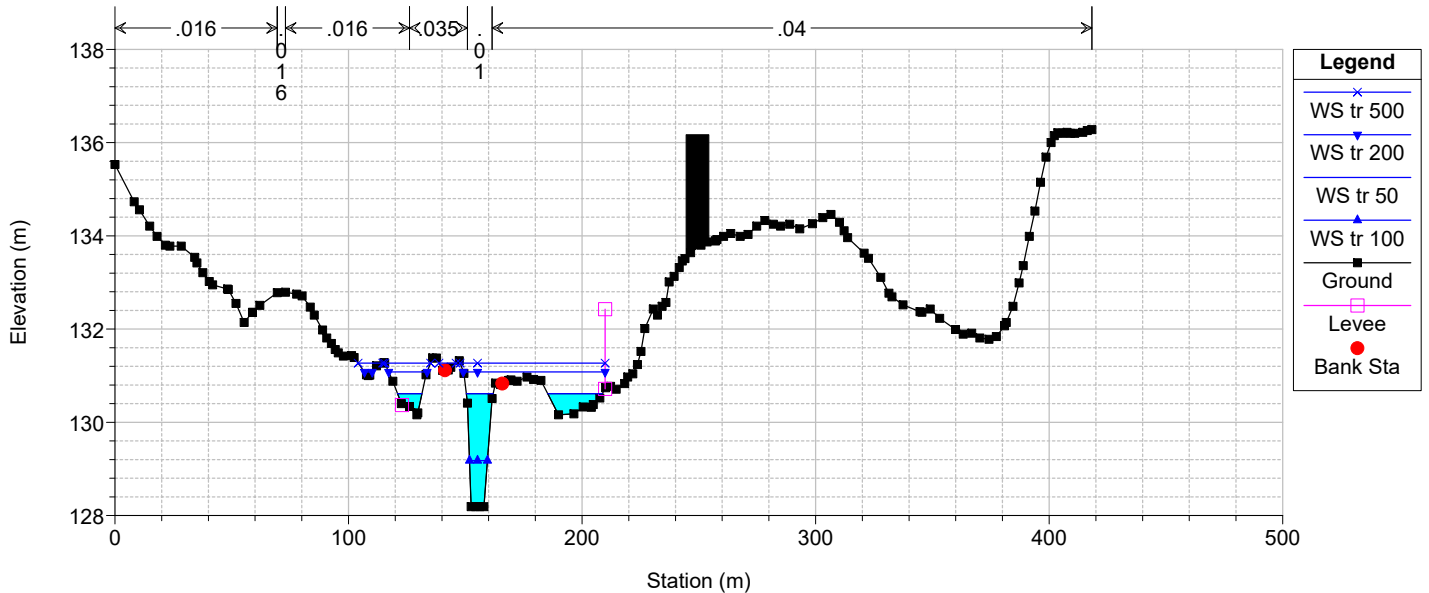
River = Rio San Giovanni Reach = Rio San Giovanni RS = 4150 Culv ATTRAVERSAMENTO A9 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

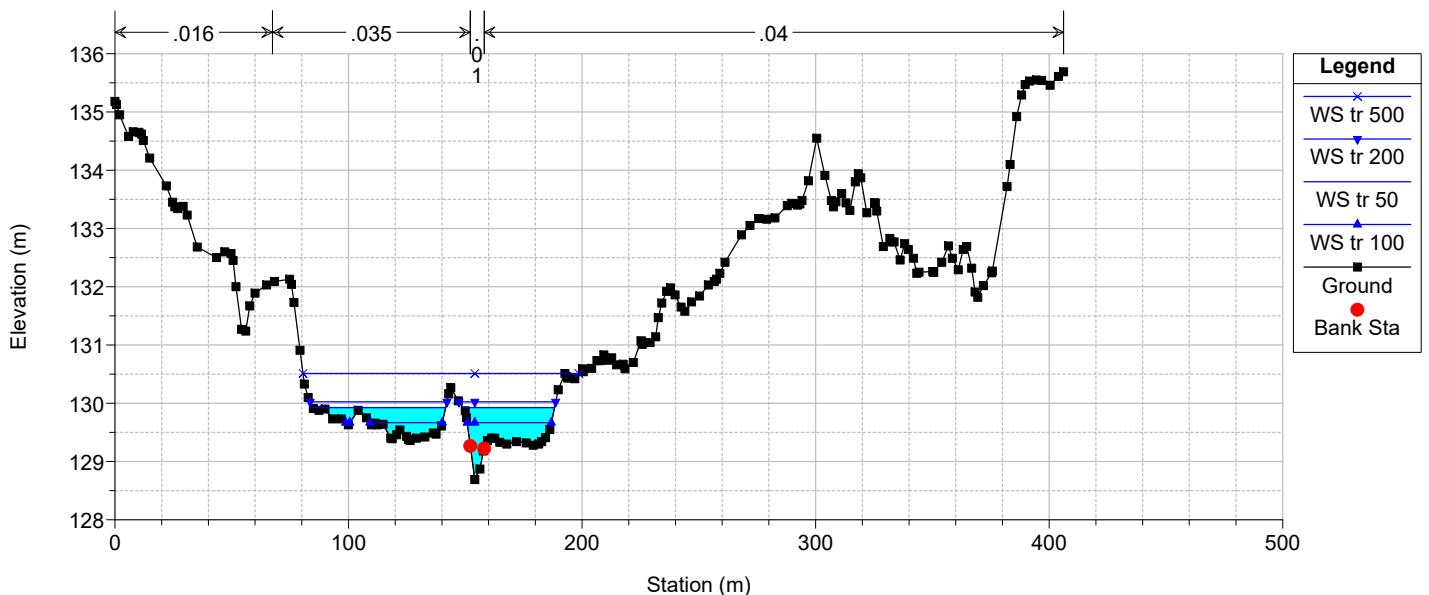
River = Rio San Giovanni Reach = Rio San Giovanni RS = 4094.831 SEZIONE 160 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

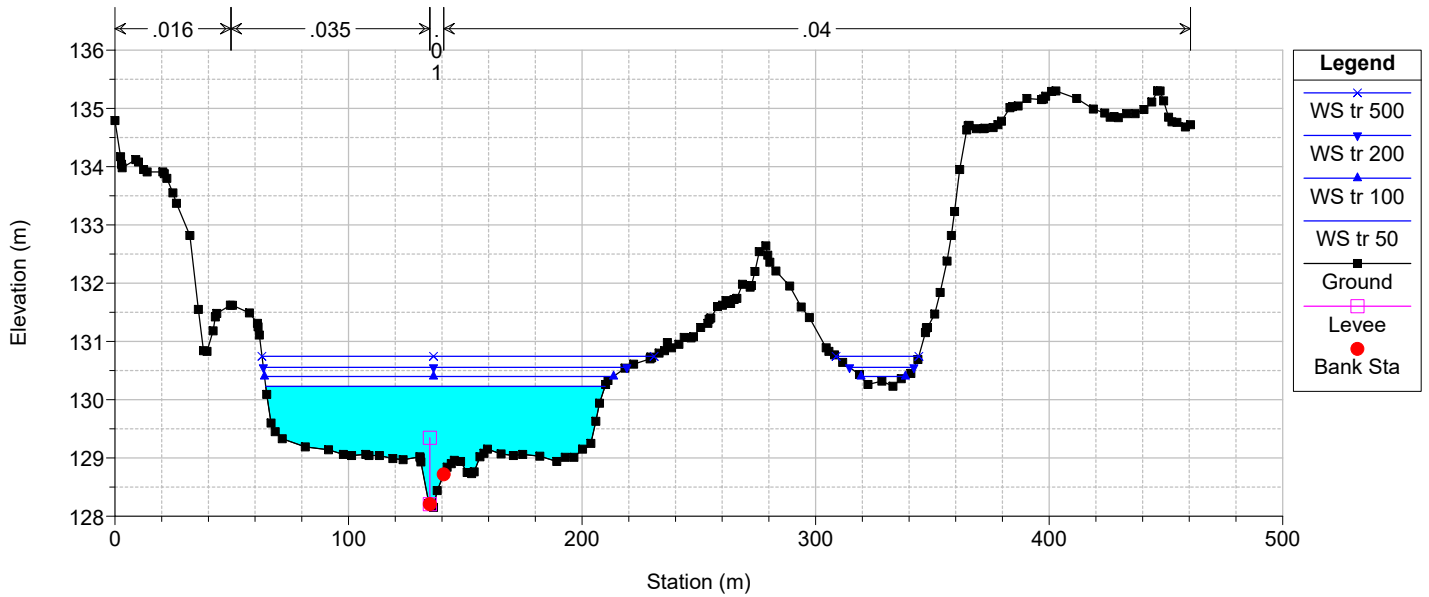
River = Rio San Giovanni Reach = Rio San Giovanni RS = 4046.195 SEZIONE 159 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

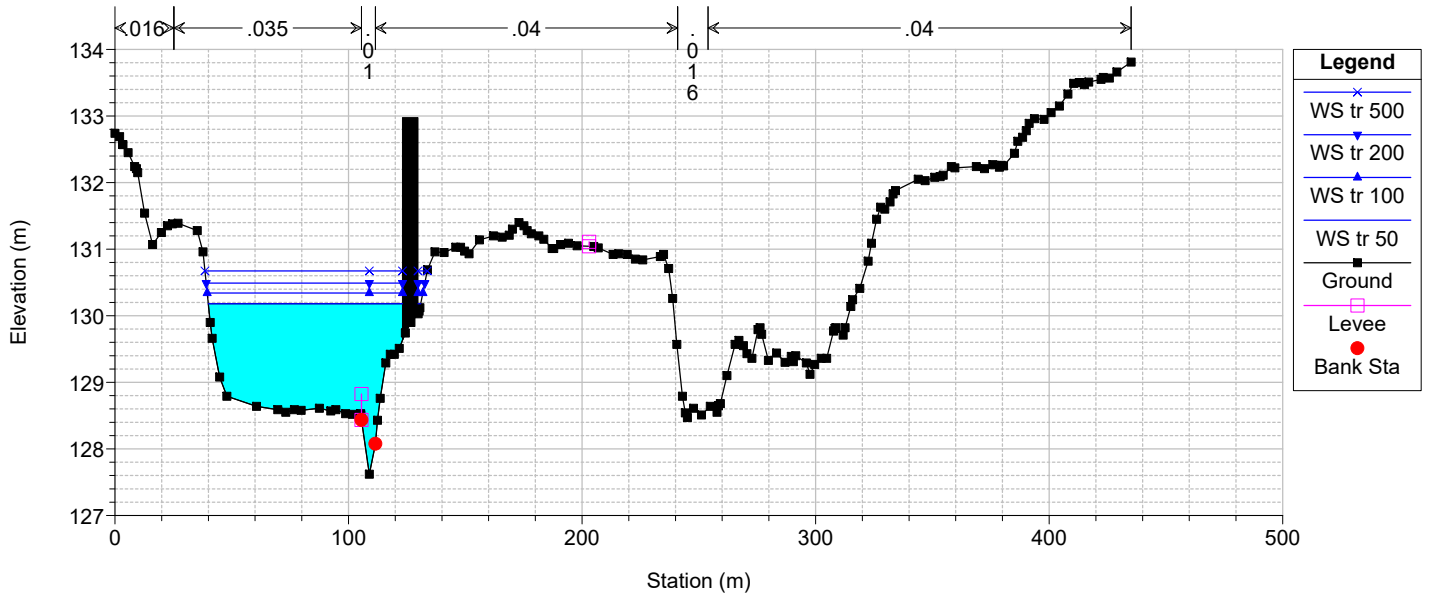
River = Rio San Giovanni Reach = Rio San Giovanni RS = 4007.603 SEZIONE 158 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

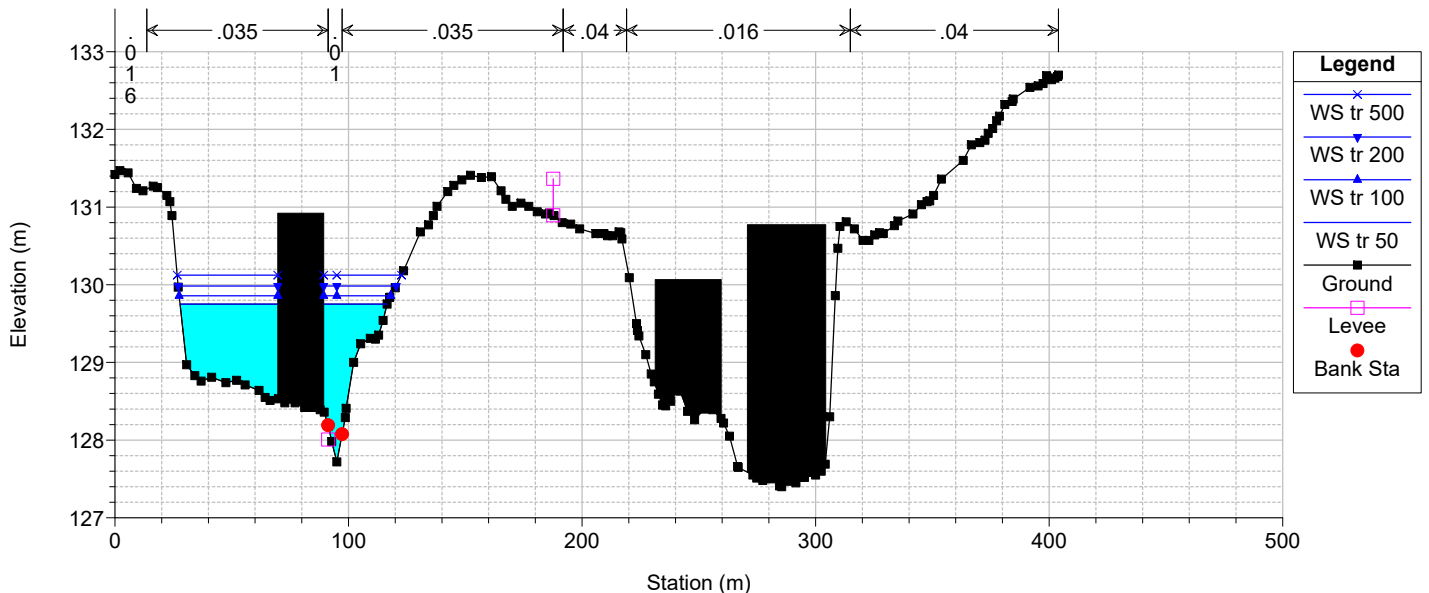
River = Rio San Giovanni Reach = Rio San Giovanni RS = 3956.263 SEZIONE 157 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

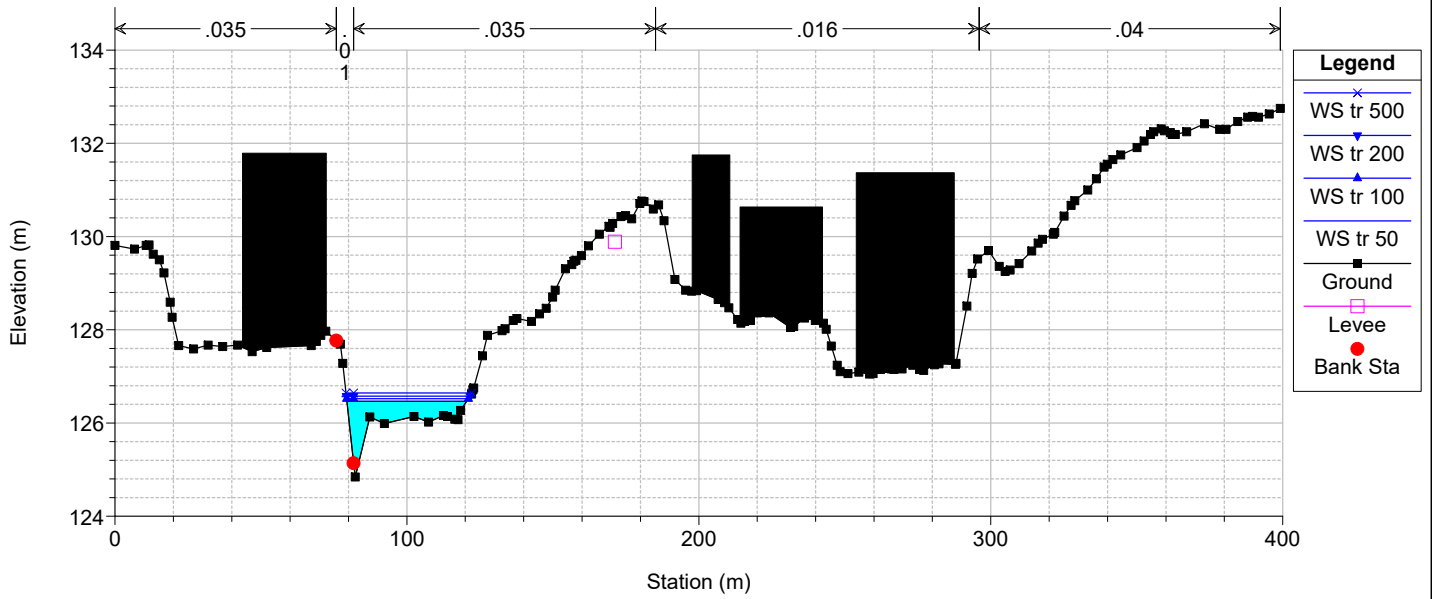
River = Rio San Giovanni Reach = Rio San Giovanni RS = 3922.604 SEZIONE 156 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

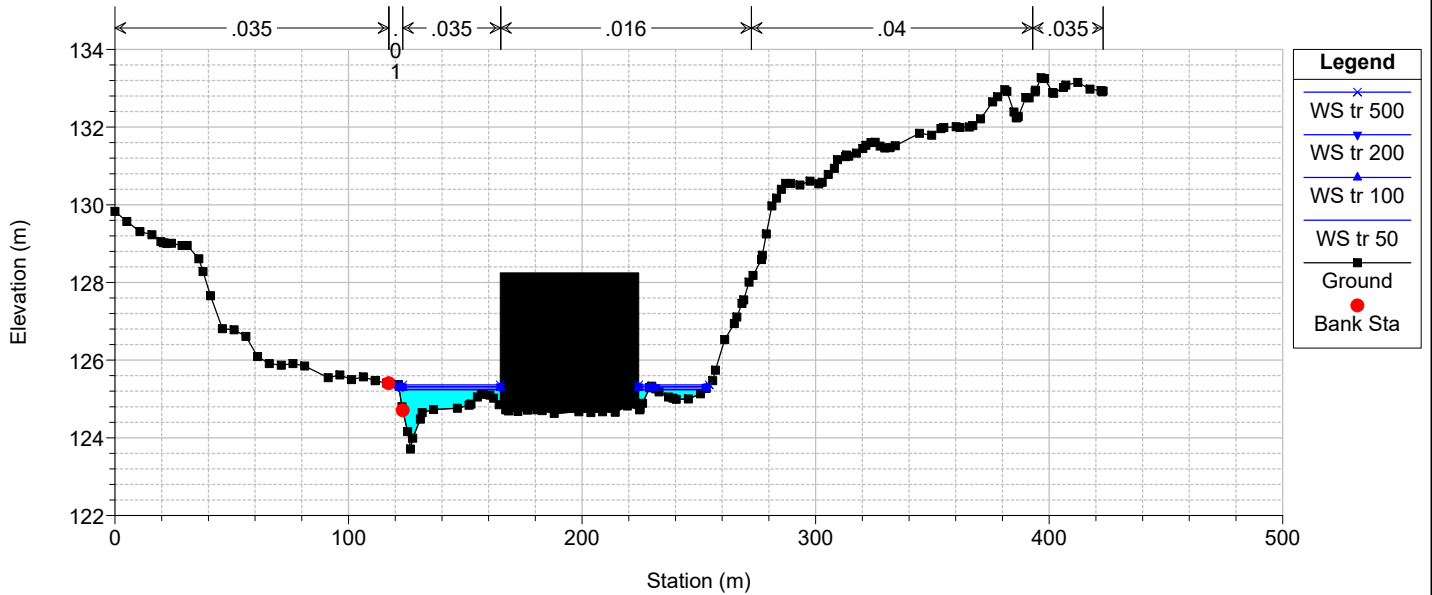
River = Rio San Giovanni Reach = Rio San Giovanni RS = 3822.429 SEZIONE 155 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



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Geom: 05022021 Flow: 05022021

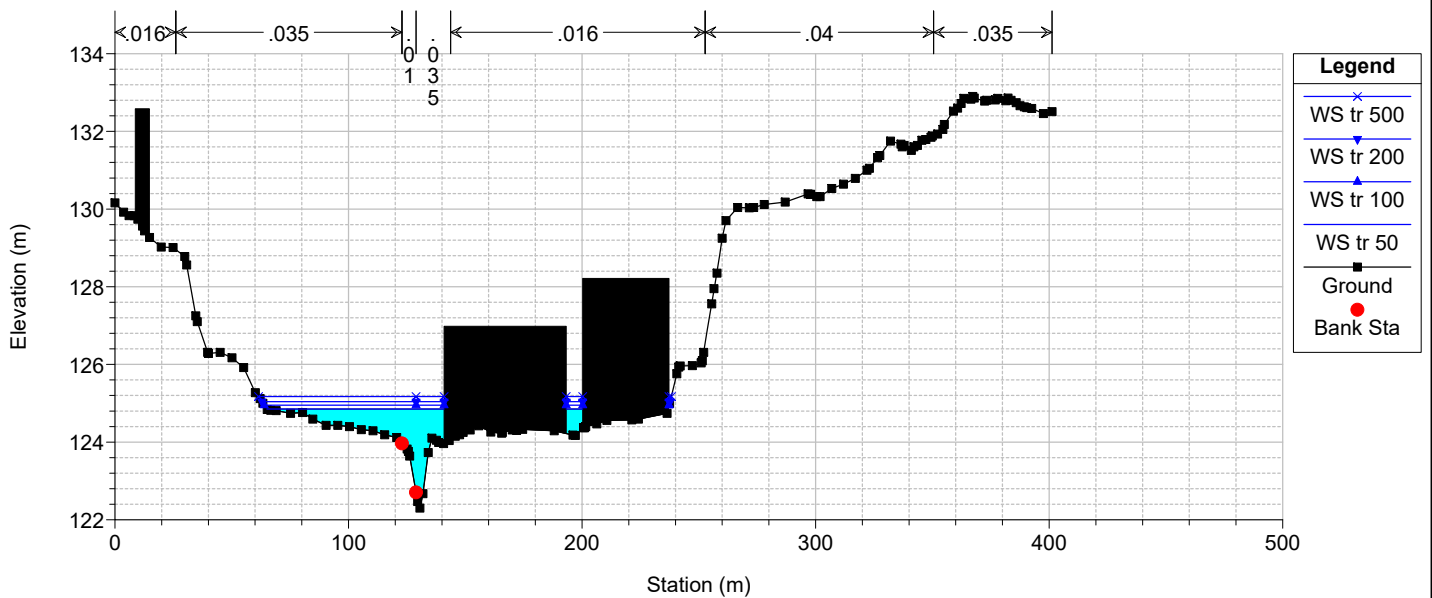
River = Rio San Giovanni Reach = Rio San Giovanni RS = 3730.957 SEZIONE 154 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

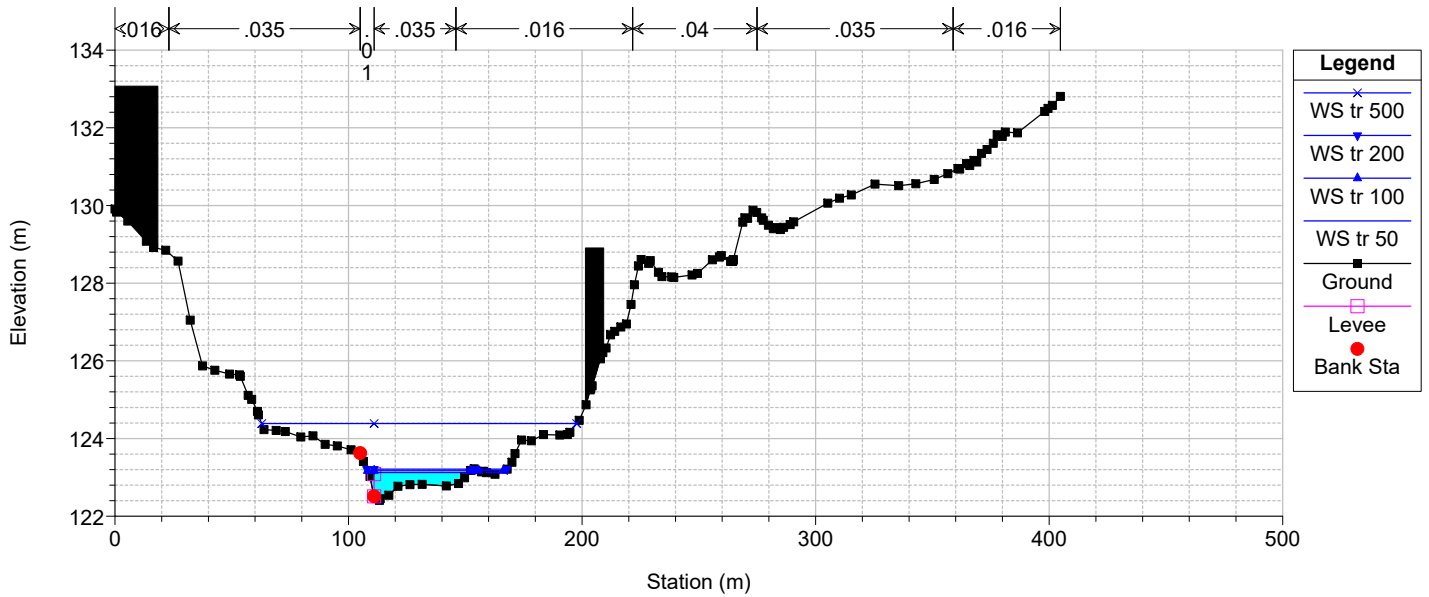
River = Rio San Giovanni Reach = Rio San Giovanni RS = 3666.542 SEZIONE 153 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



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Geom: 05022021 Flow: 05022021

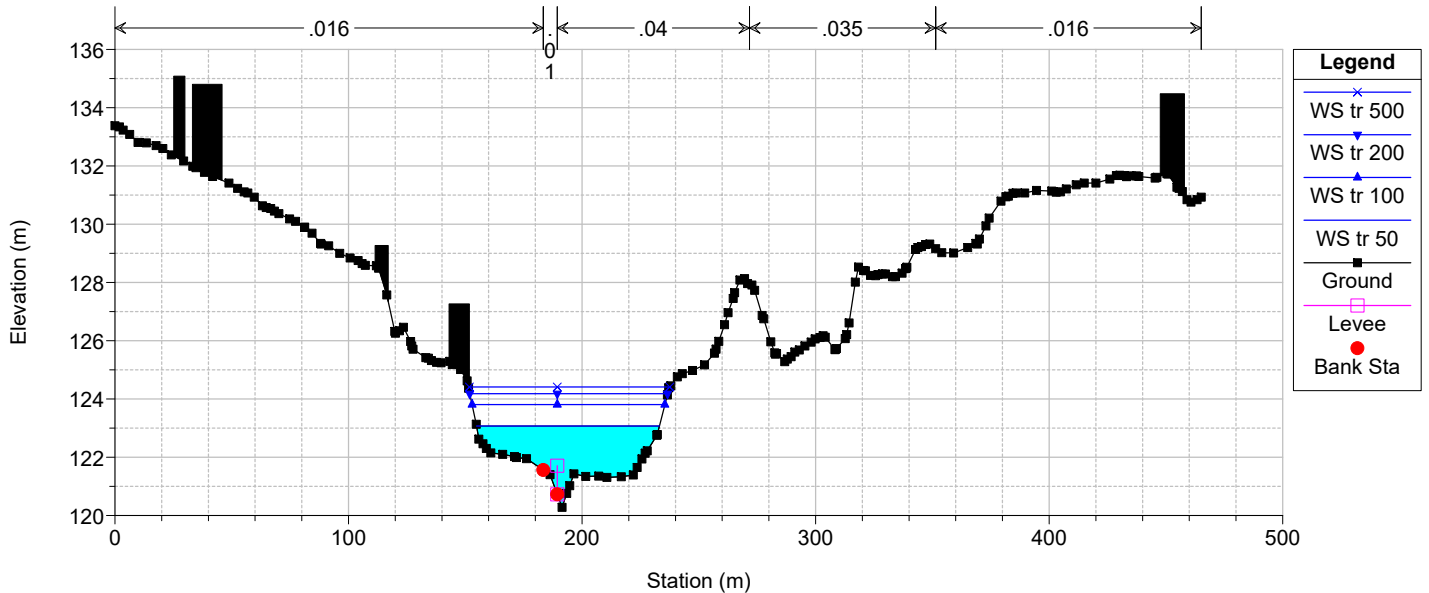
River = Rio San Giovanni Reach = Rio San Giovanni RS = 3614.743 SEZIONE 152 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



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Geom: 05022021 Flow: 05022021

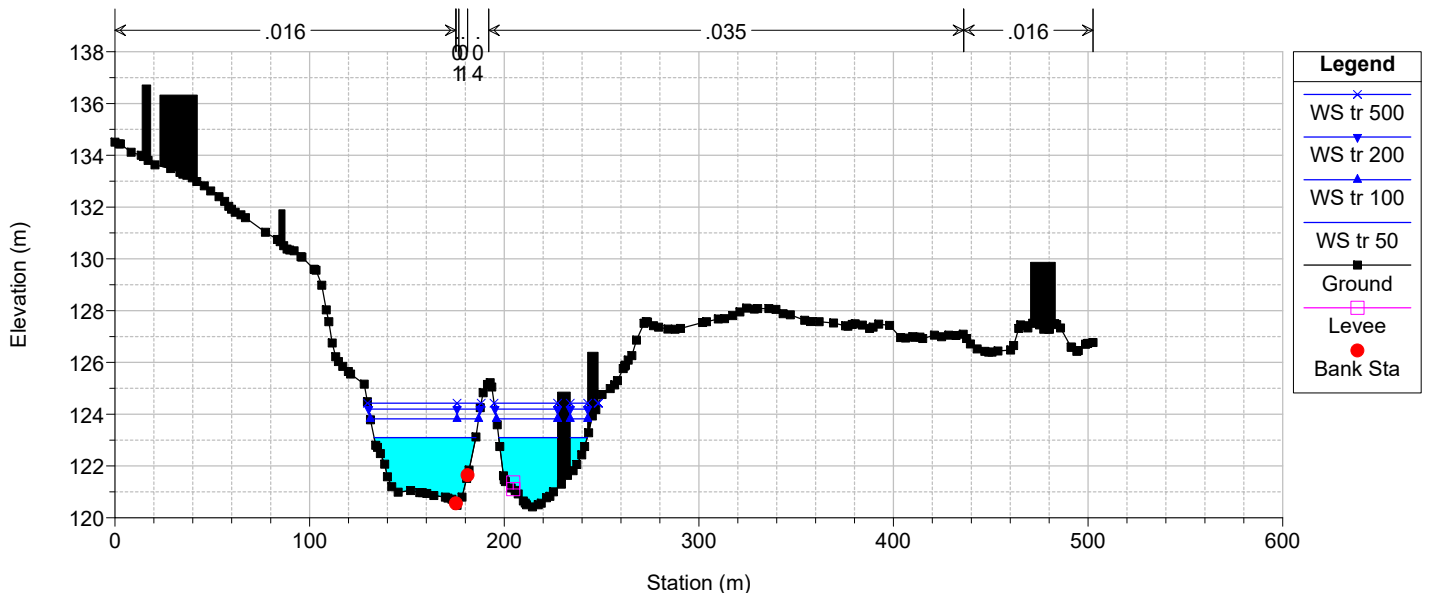
River = Rio San Giovanni Reach = Rio San Giovanni RS = 3526.530 SEZIONE 151 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



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Geom: 05022021 Flow: 05022021

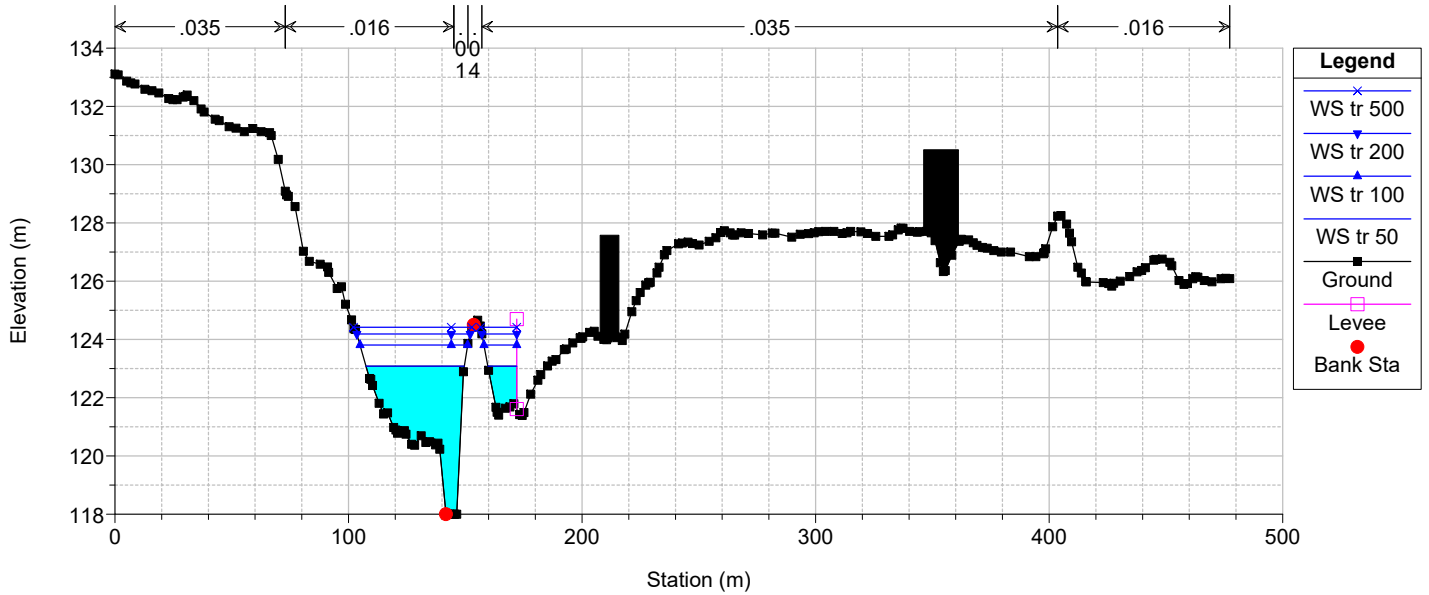
River = Rio San Giovanni Reach = Rio San Giovanni RS = 3434.478 SEZIONE 150 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

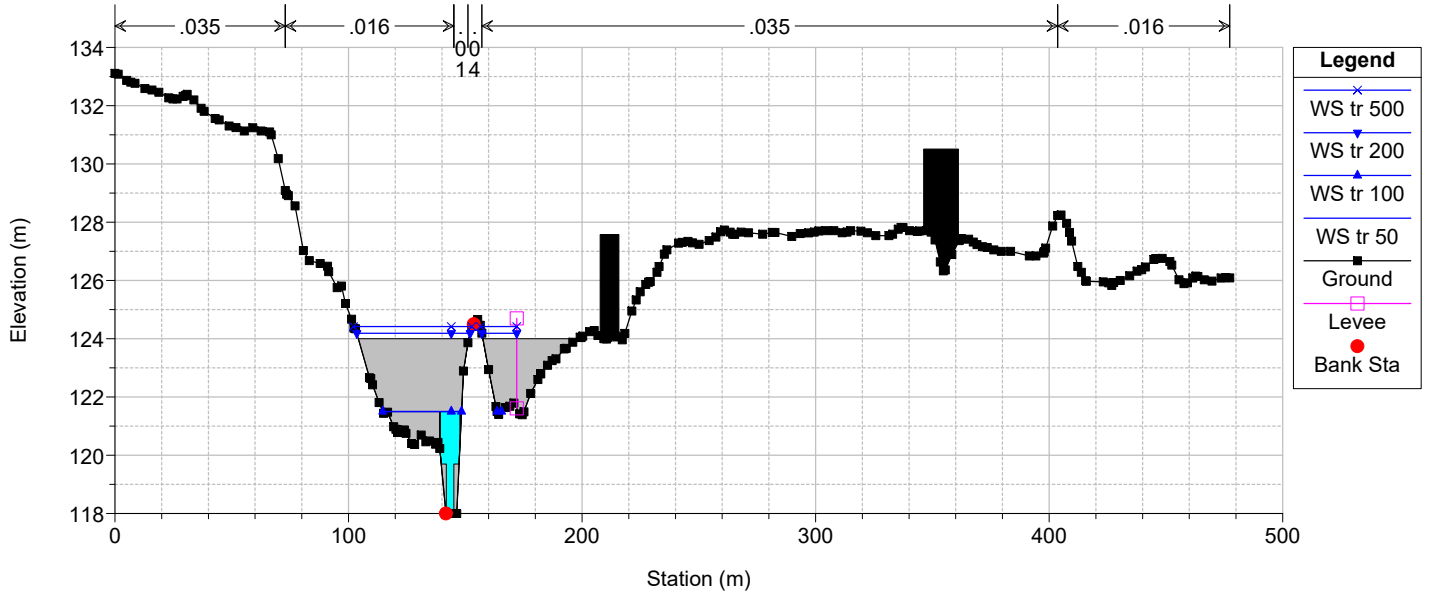
River = Rio San Giovanni Reach = Rio San Giovanni RS = 3391.041 SEZIONE 149 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



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Geom: 05022021 Flow: 05022021

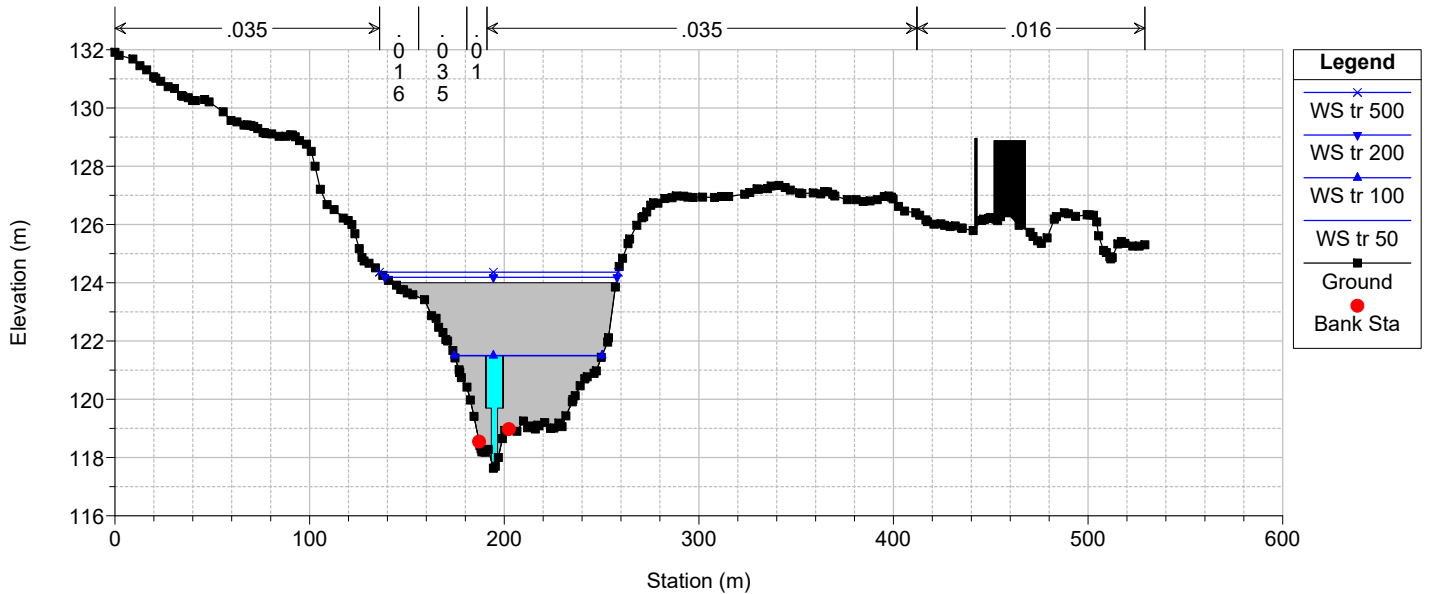
River = Rio San Giovanni Reach = Rio San Giovanni RS = 3350 BR ATTRAVERSAMENTO A10 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



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Geom: 05022021 Flow: 05022021

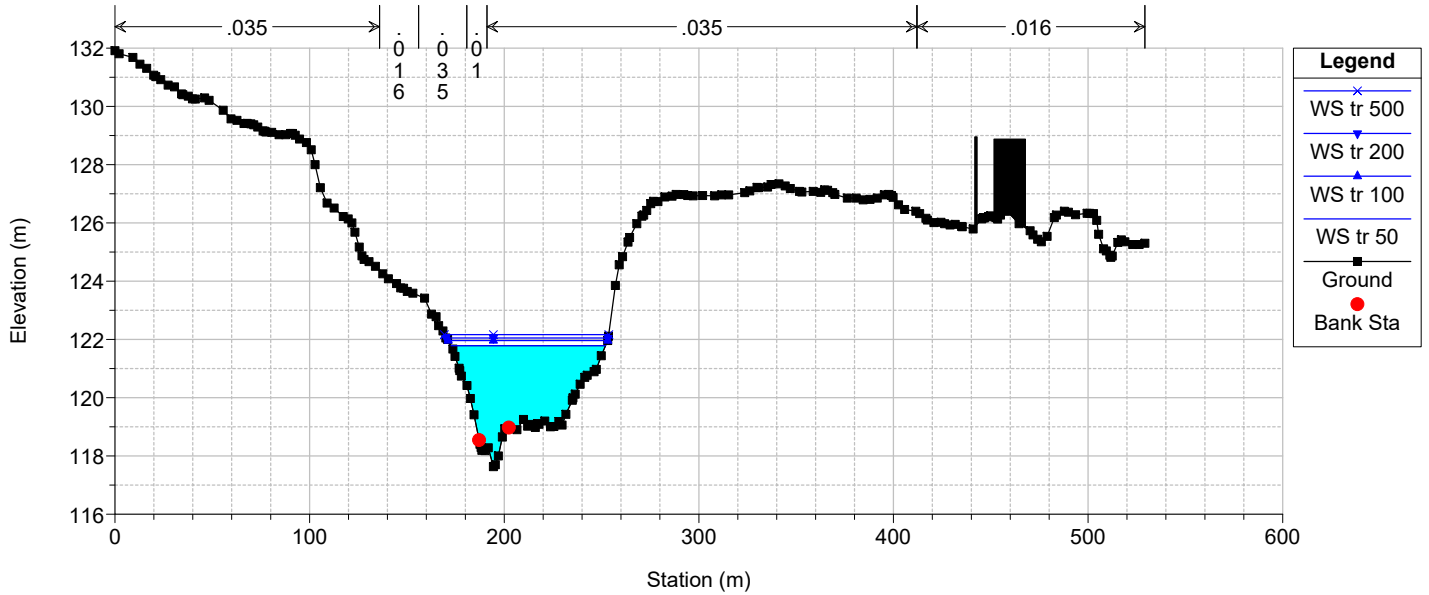
River = Rio San Giovanni Reach = Rio San Giovanni RS = 3350 BR ATTRAVERSAMENTO A10 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

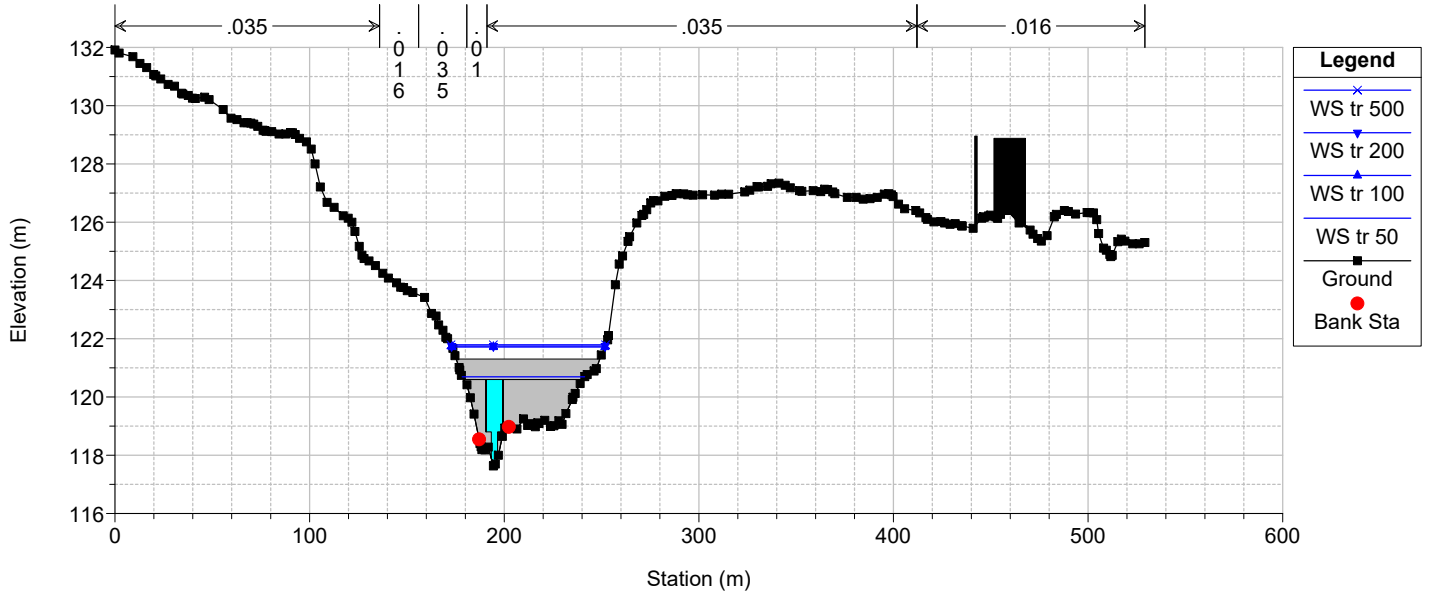
River = Rio San Giovanni Reach = Rio San Giovanni RS = 3308.381 SEZIONE 148 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



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Geom: 05022021 Flow: 05022021

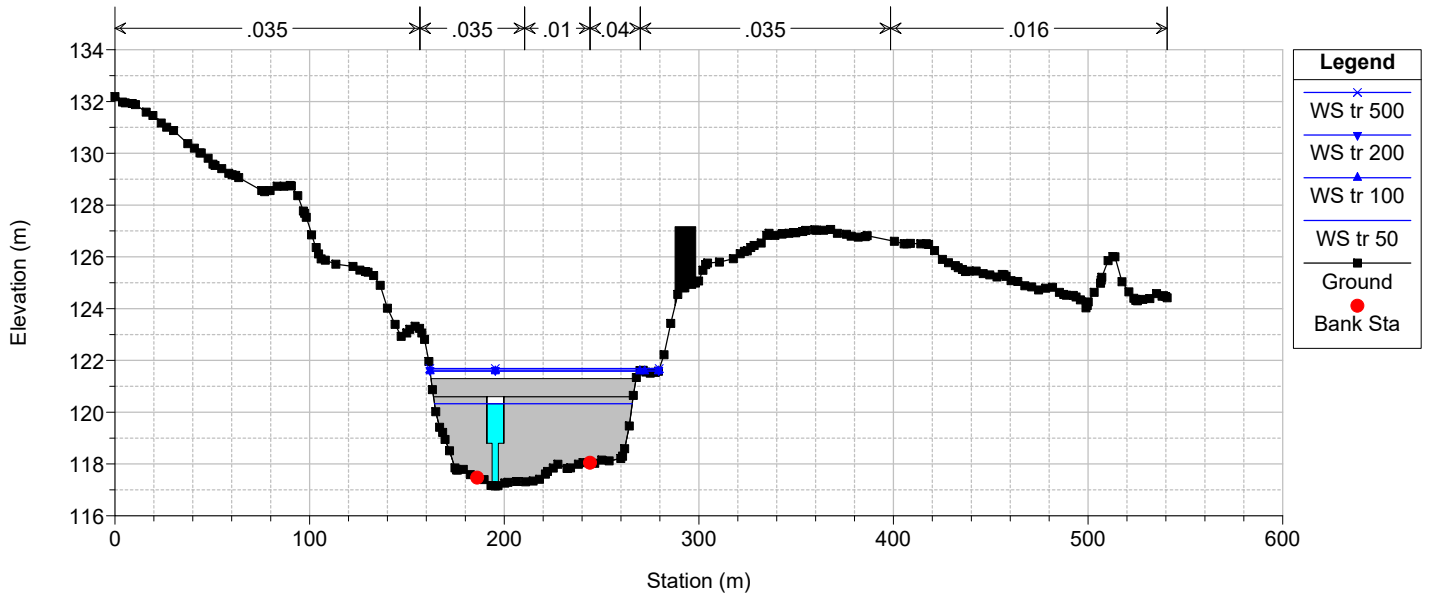
River = Rio San Giovanni Reach = Rio San Giovanni RS = 3280 BR ATTRAVERSAMENTO A11 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

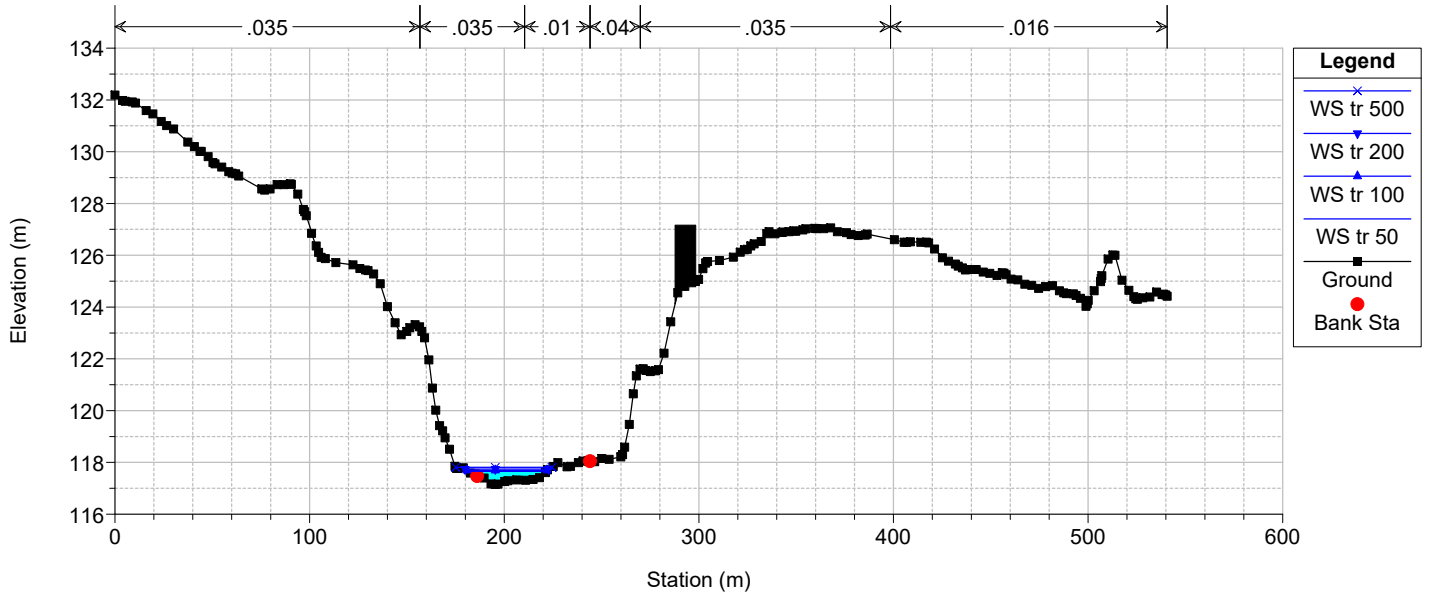
River = Rio San Giovanni Reach = Rio San Giovanni RS = 3280 BR ATTRAVERSAMENTO A11 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

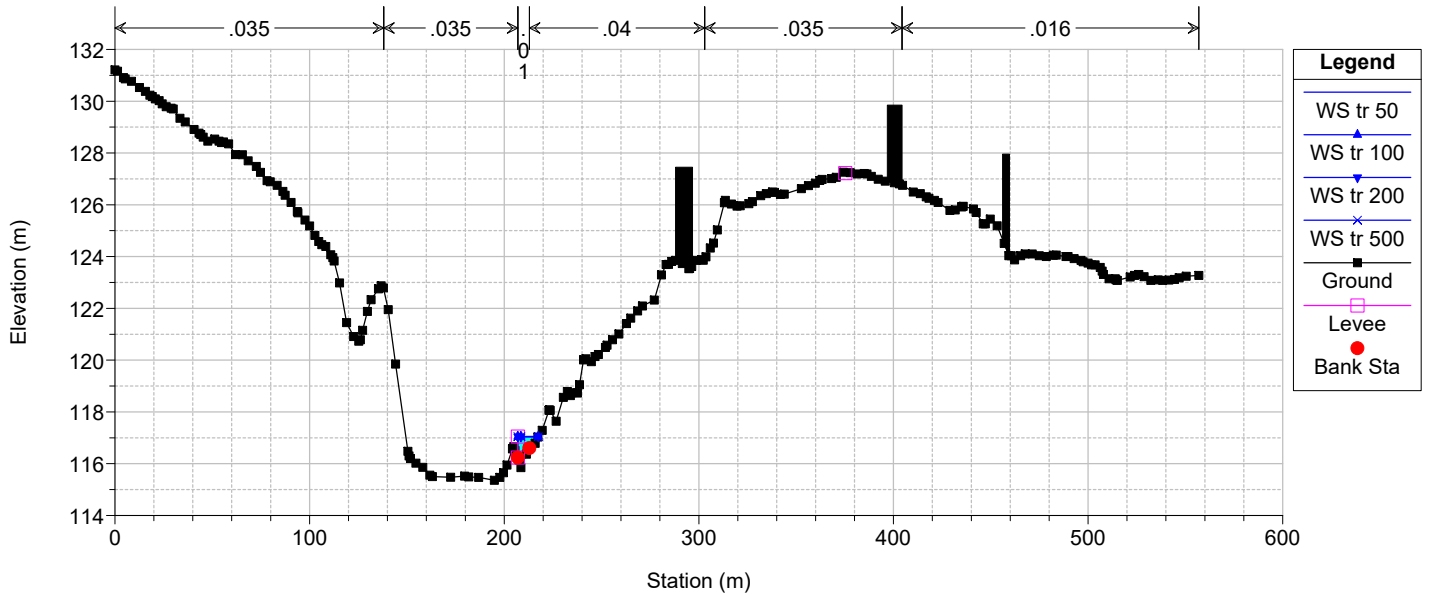
River = Rio San Giovanni Reach = Rio San Giovanni RS = 3260.807 SEZIONE 147 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

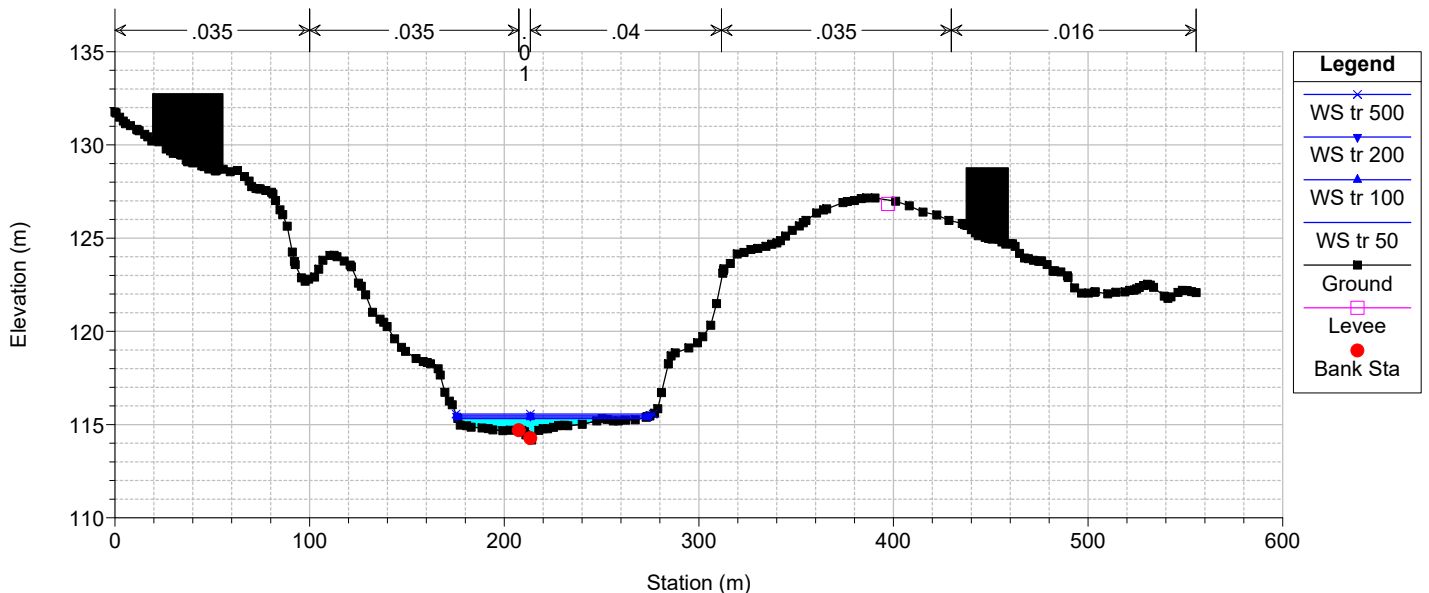
River = Rio San Giovanni Reach = Rio San Giovanni RS = 3158.768 SEZIONE 146 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

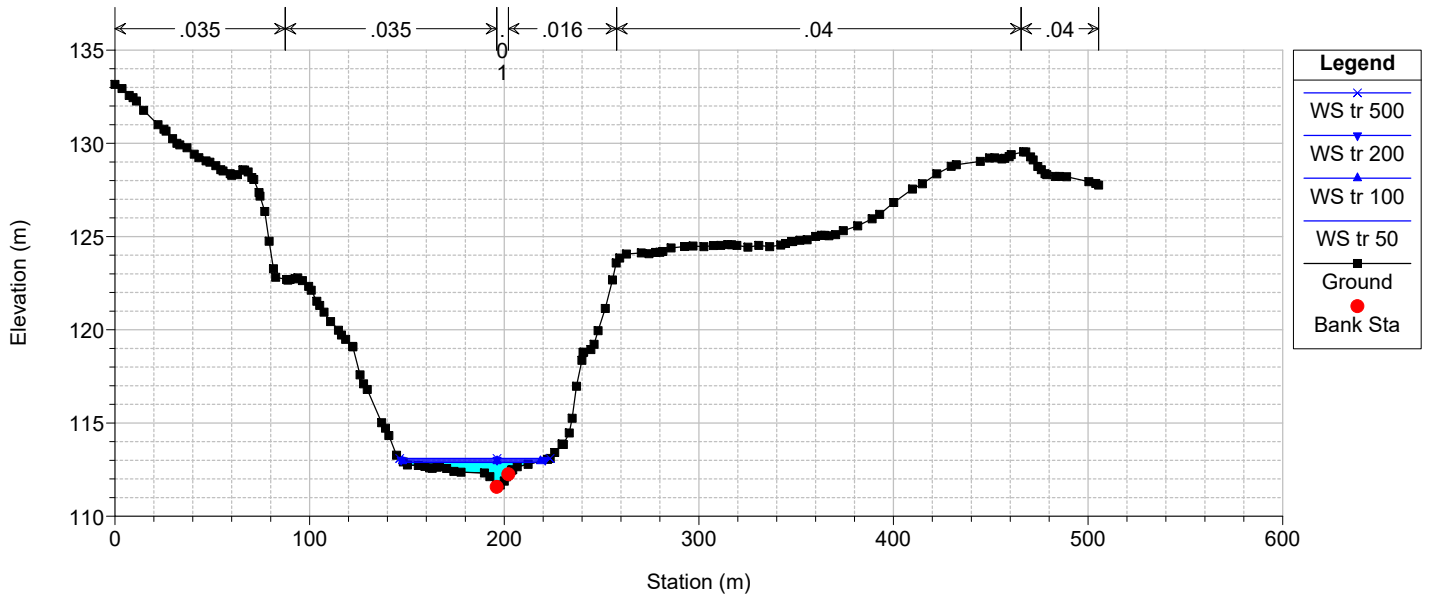
River = Rio San Giovanni Reach = Rio San Giovanni RS = 3095.443 SEZIONE 145 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

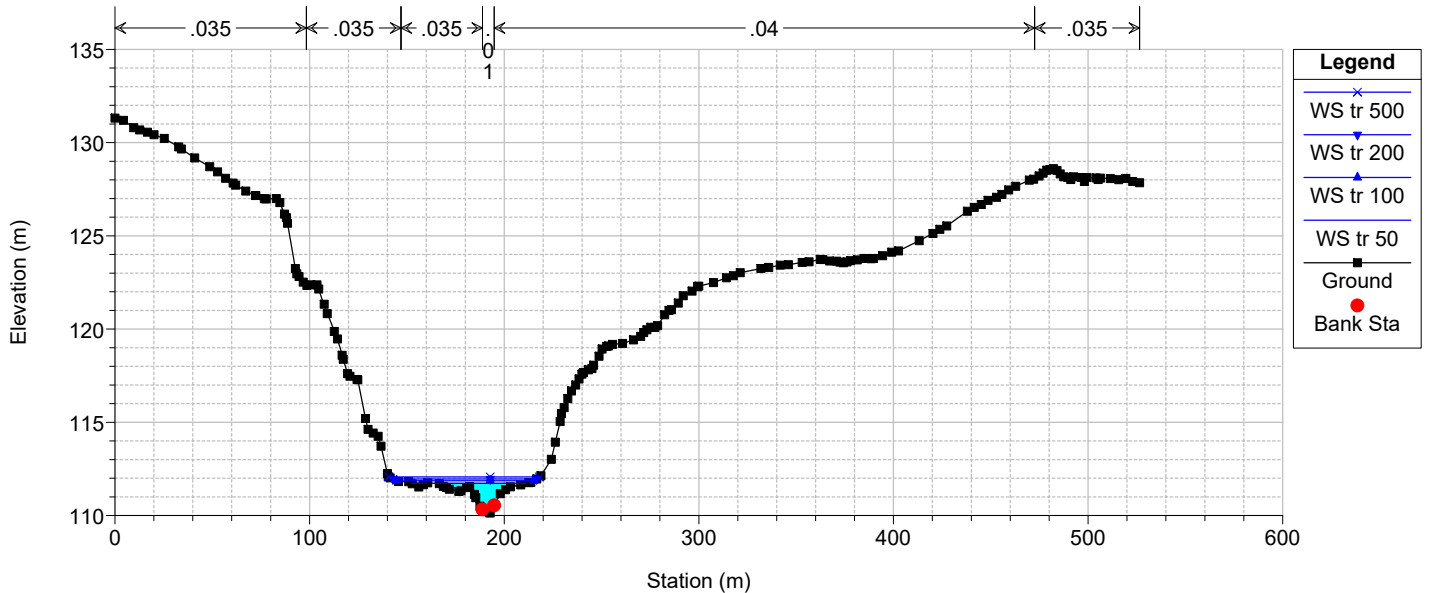
River = Rio San Giovanni Reach = Rio San Giovanni RS = 2895.087 SEZIONE 144 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

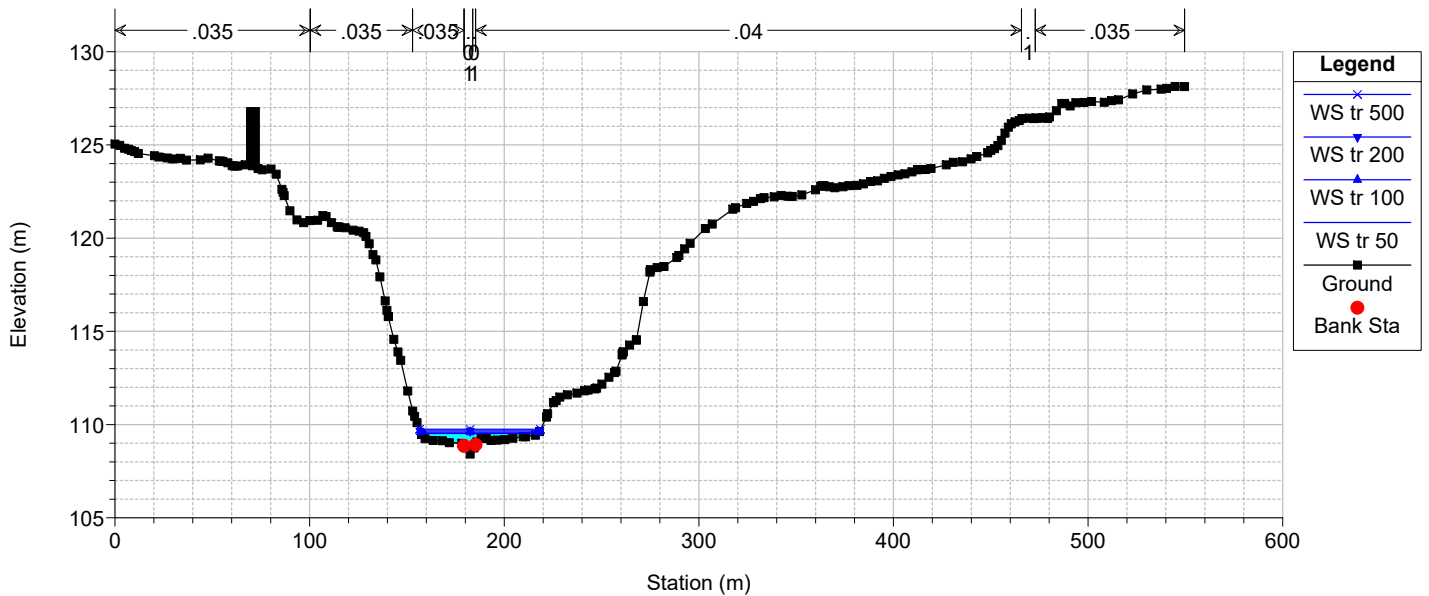
River = Rio San Giovanni Reach = Rio San Giovanni RS = 2768.166 SEZIONE 143 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

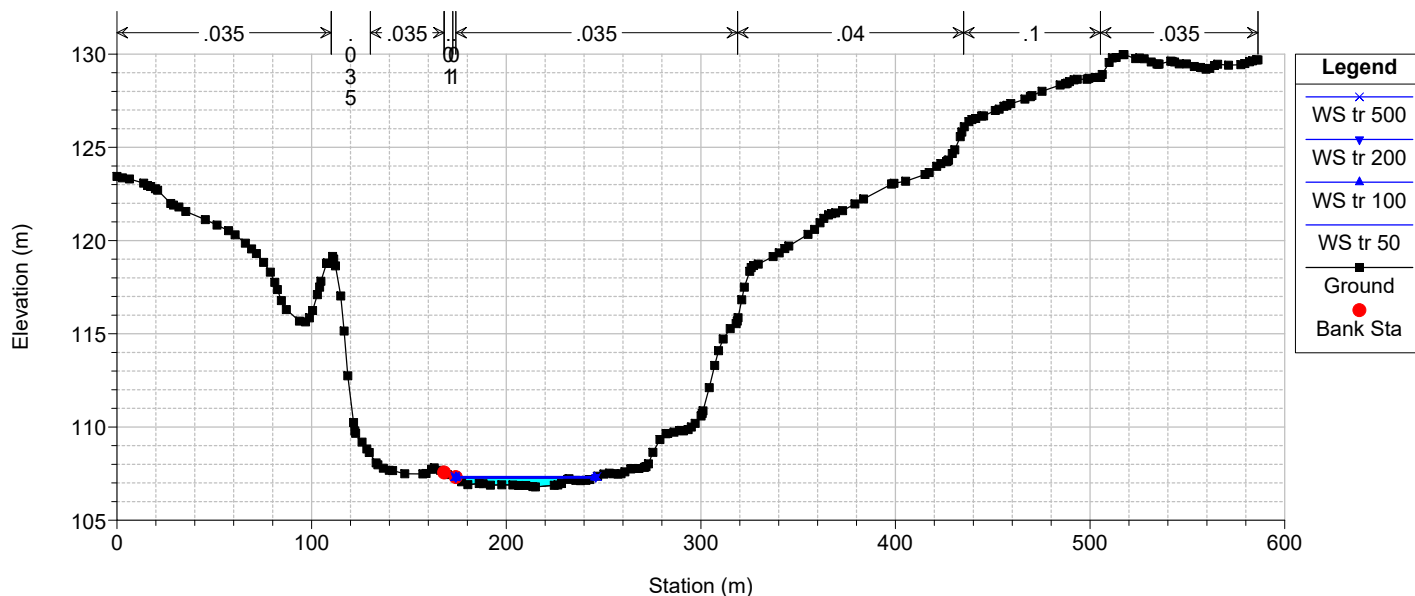
River = Rio San Giovanni Reach = Rio San Giovanni RS = 2648.329 SEZIONE 142 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

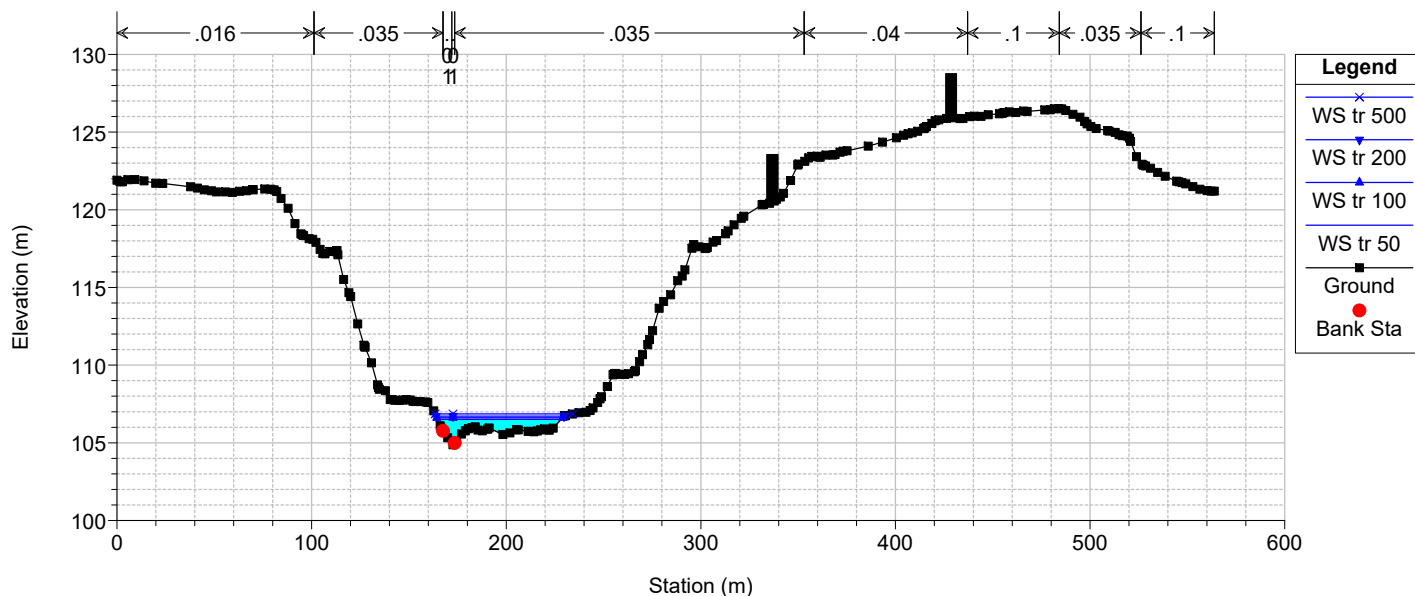
River = Rio San Giovanni Reach = Rio San Giovanni RS = 2492.250 SEZIONE 141 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

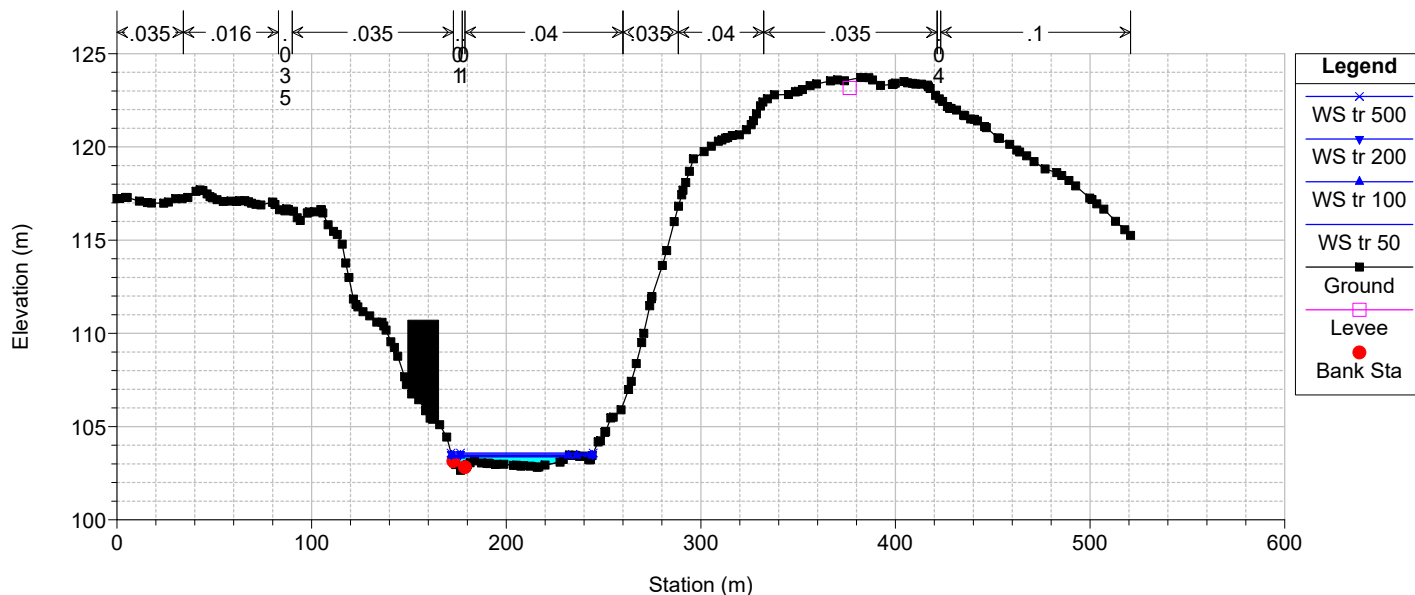
River = Rio San Giovanni Reach = Rio San Giovanni RS = 2371.082 SEZIONE 140 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

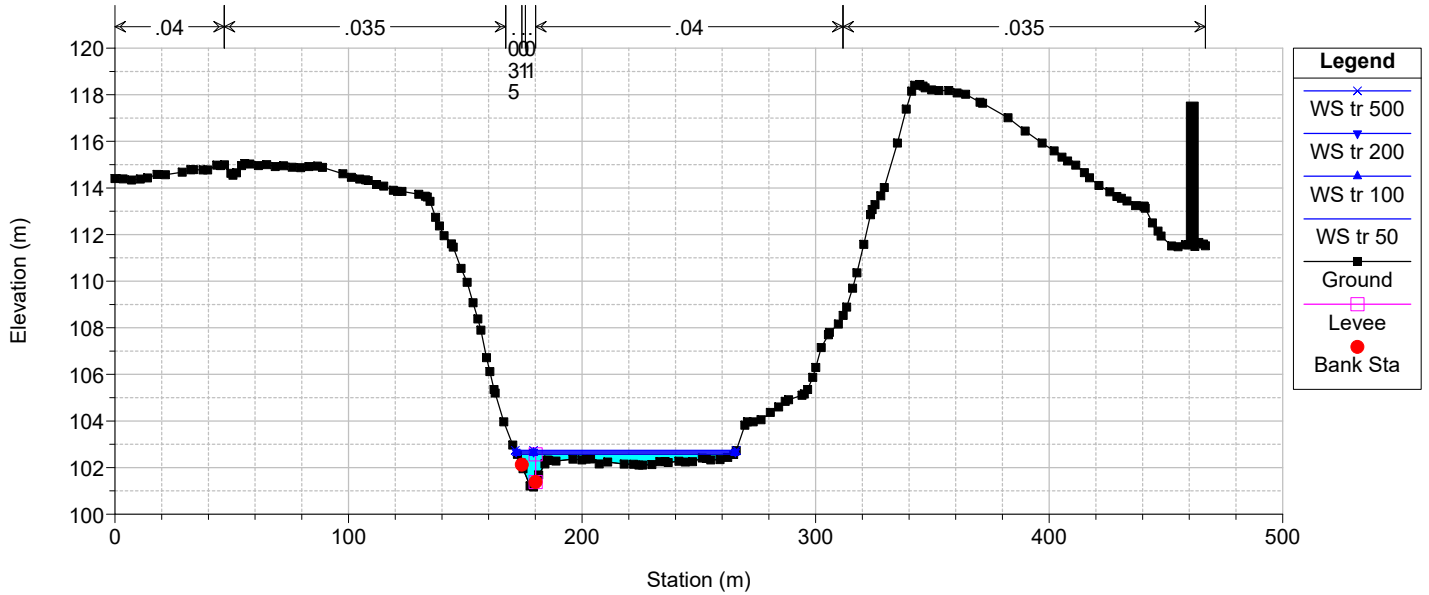
River = Rio San Giovanni Reach = Rio San Giovanni RS = 2271.106 SEZIONE 139 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

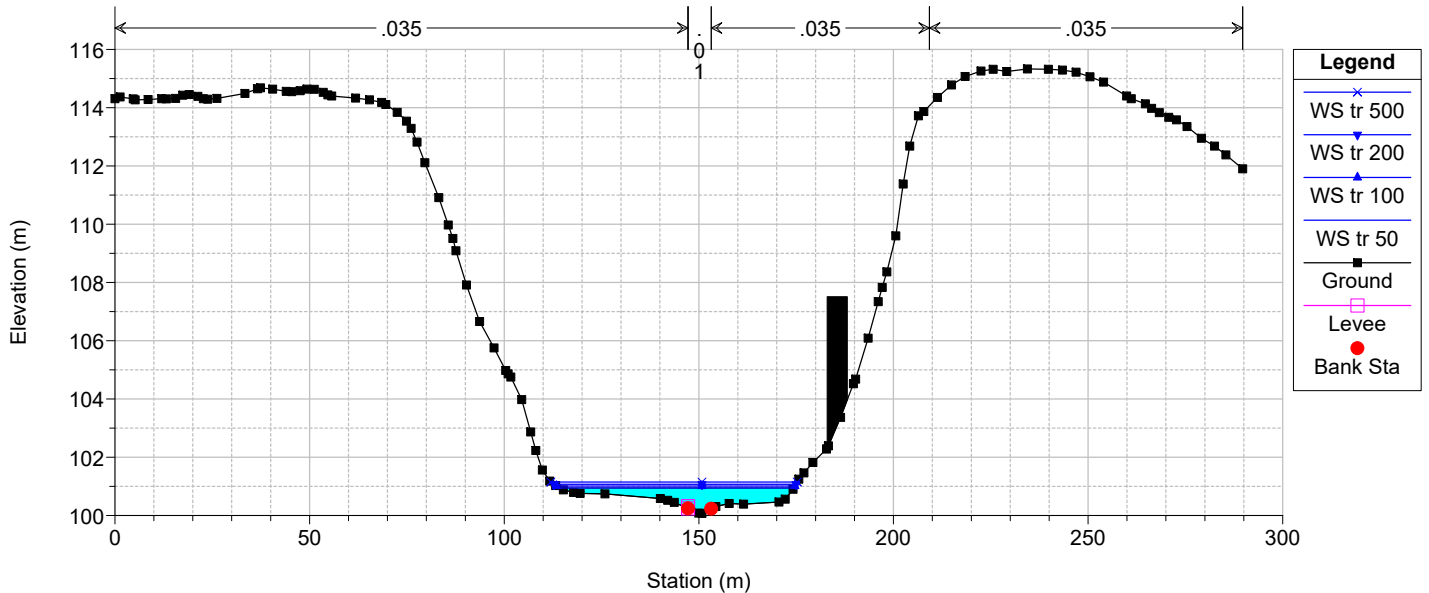
River = Rio San Giovanni Reach = Rio San Giovanni RS = 2172.411 SEZIONE 138 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

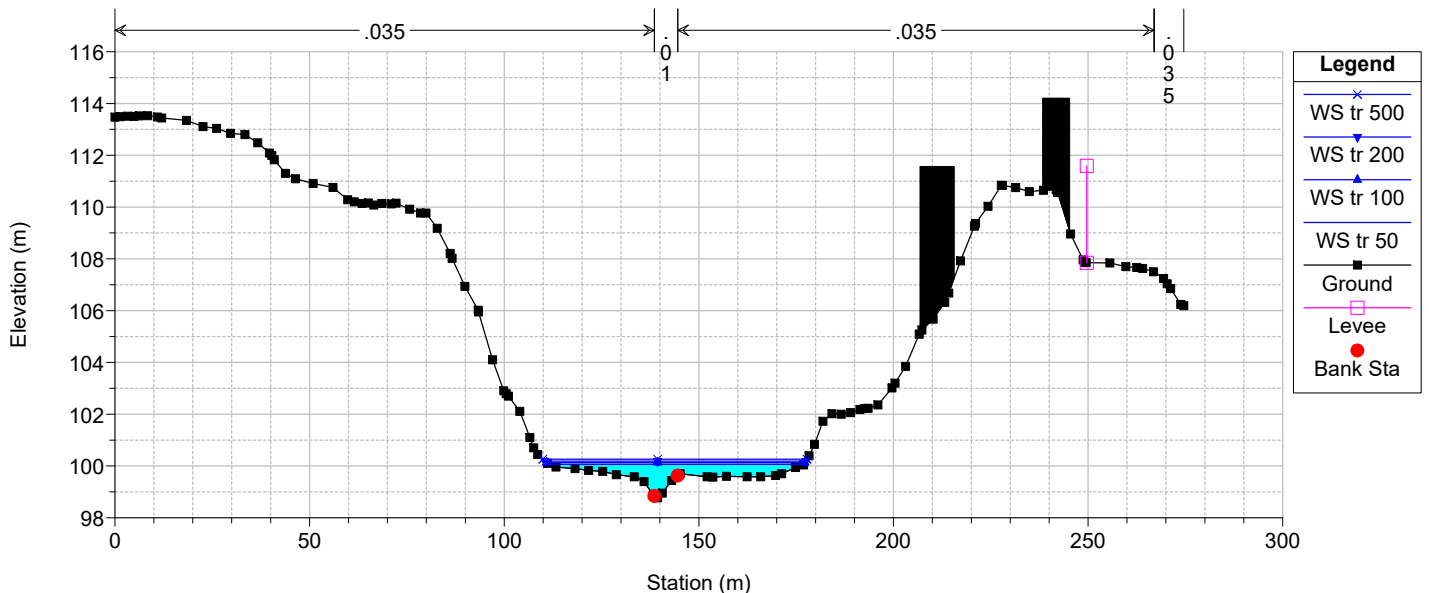
River = Rio San Giovanni Reach = Rio San Giovanni RS = 2080.271 SEZIONE 137 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

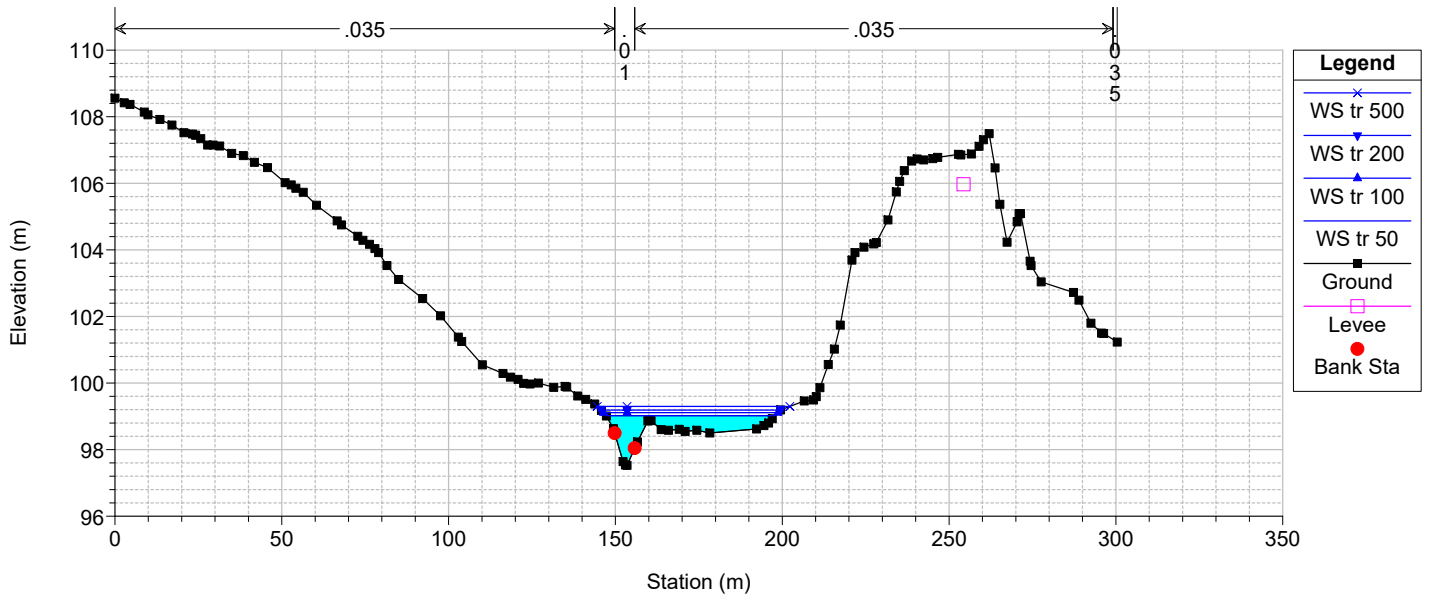
River = Rio San Giovanni Reach = Rio San Giovanni RS = 1984.342 SEZIONE 136 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

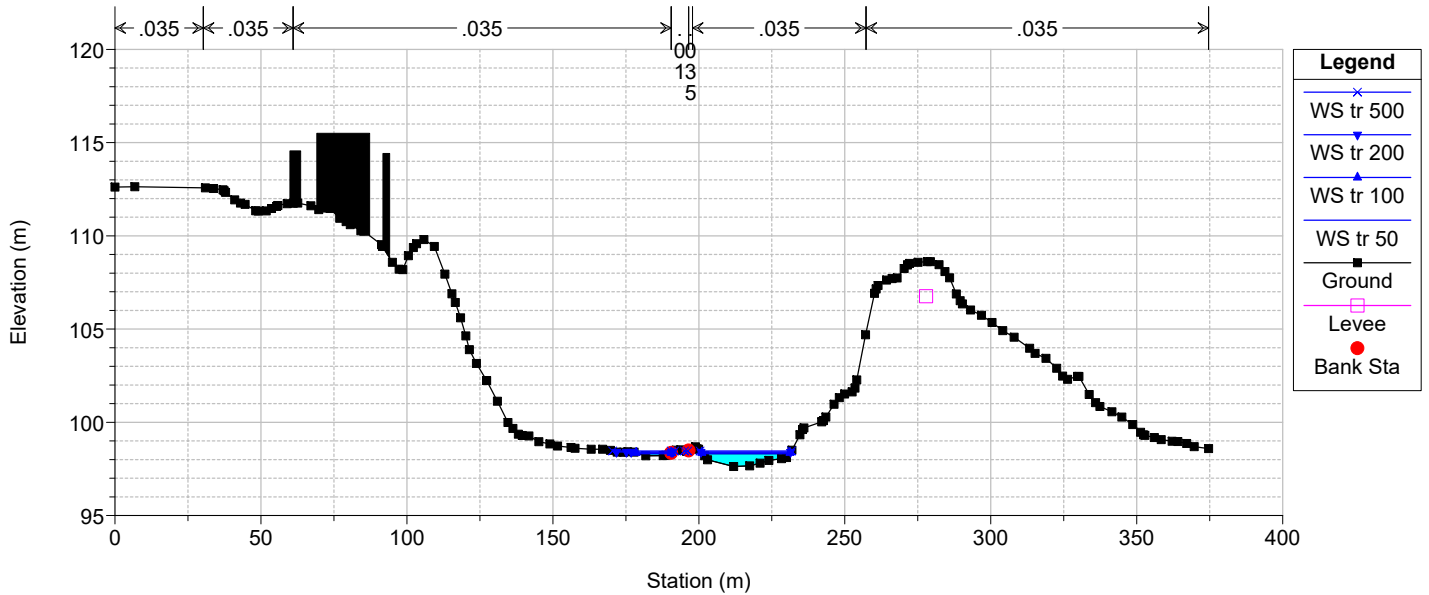
River = Rio San Giovanni Reach = Rio San Giovanni RS = 1891.430 SEZIONE 135 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

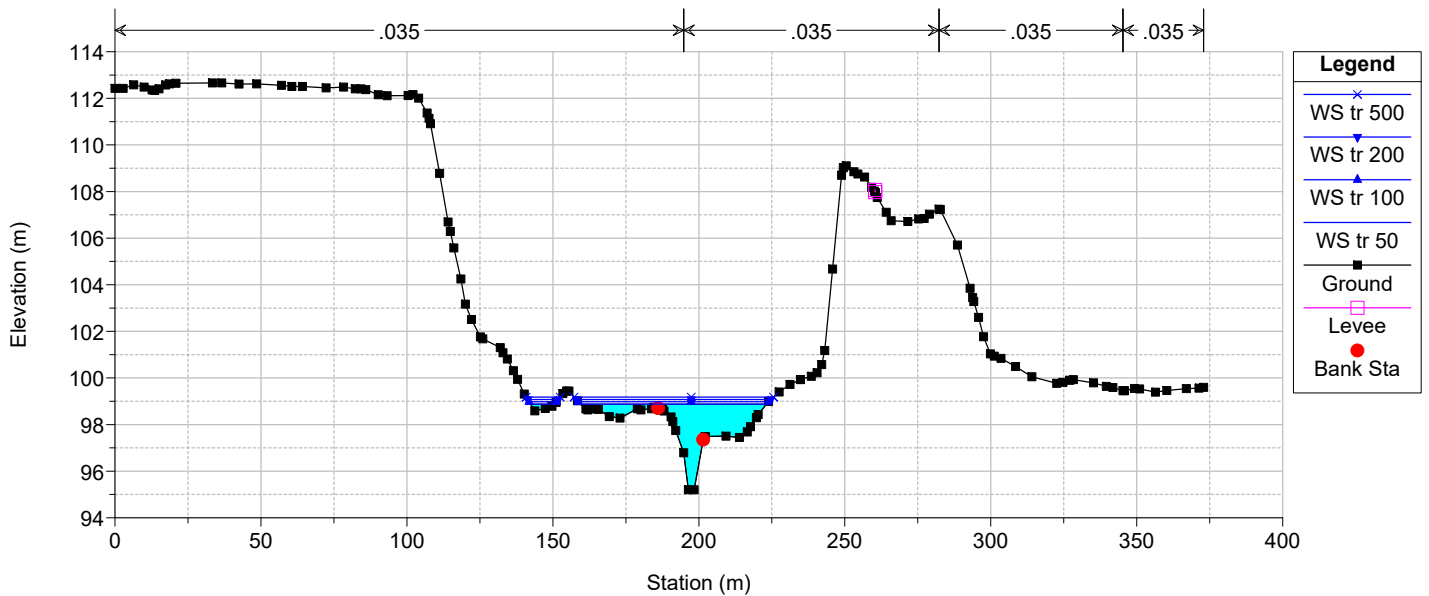
River = Rio San Giovanni Reach = Rio San Giovanni RS = 1809.332 SEZIONE 134 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



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Geom: 05022021 Flow: 05022021

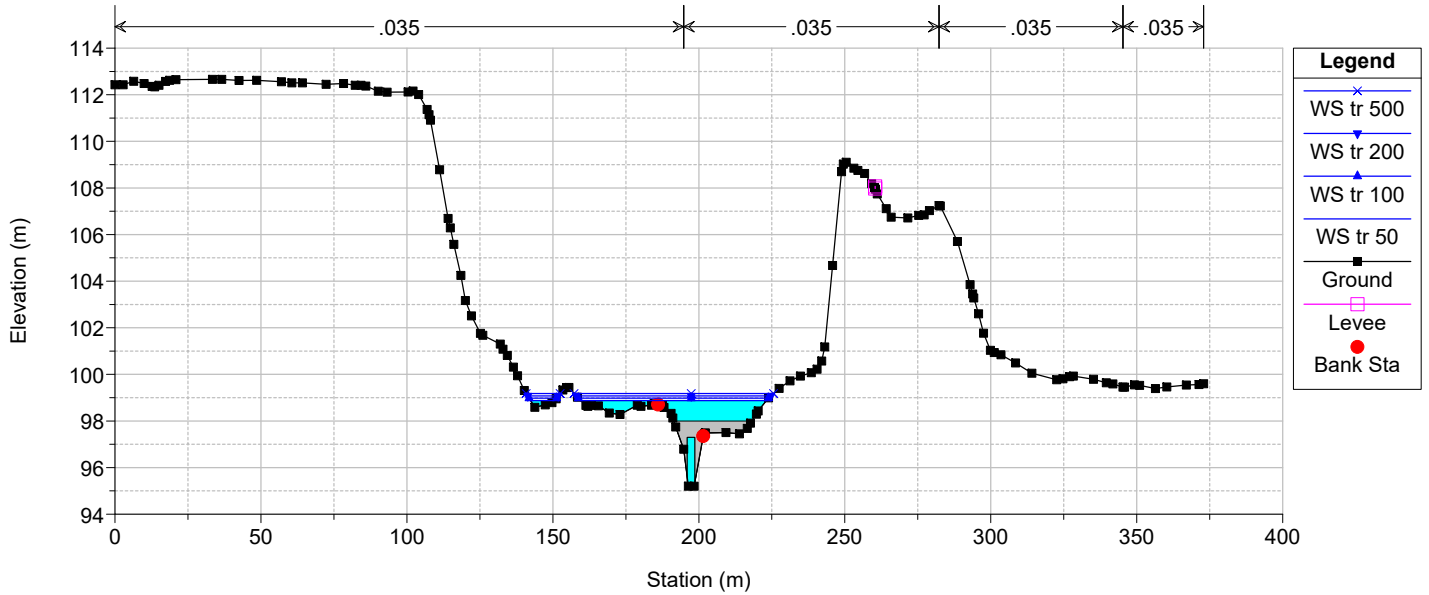
River = Rio San Giovanni Reach = Rio San Giovanni RS = 1743.895 SEZIONE 133 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

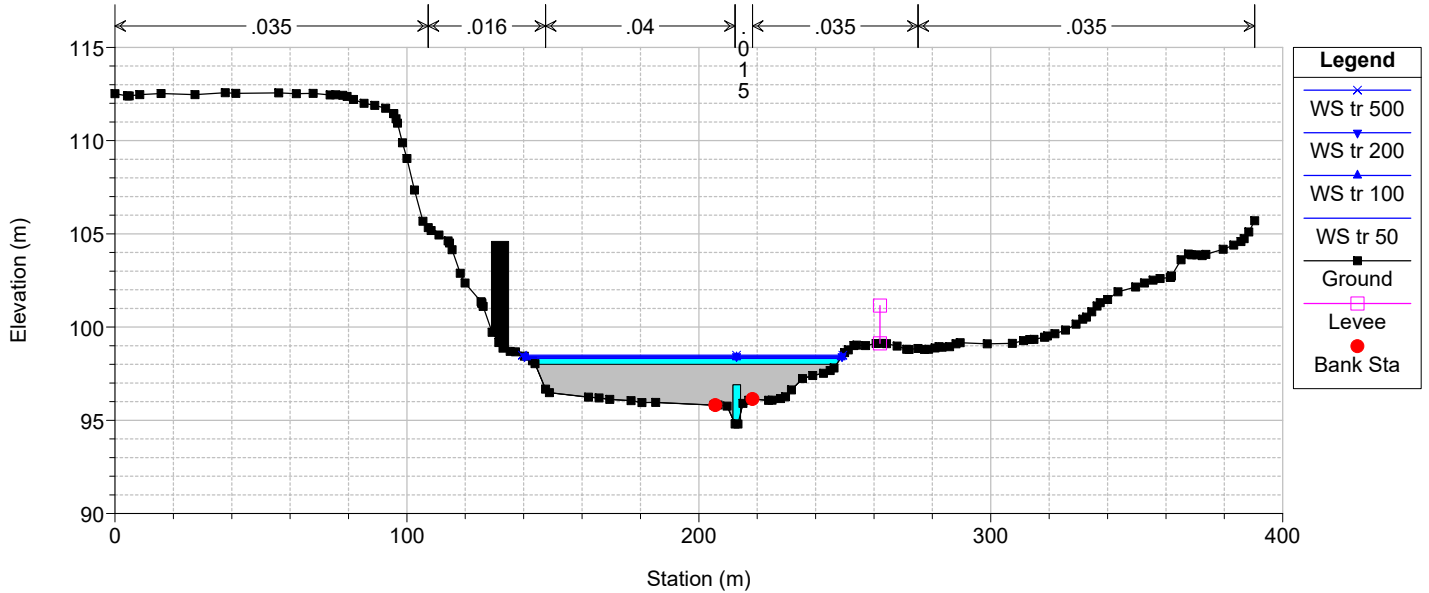
River = Rio San Giovanni Reach = Rio San Giovanni RS = 1700 Culv ATTRAVERSAMENTO A12 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



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Geom: 05022021 Flow: 05022021

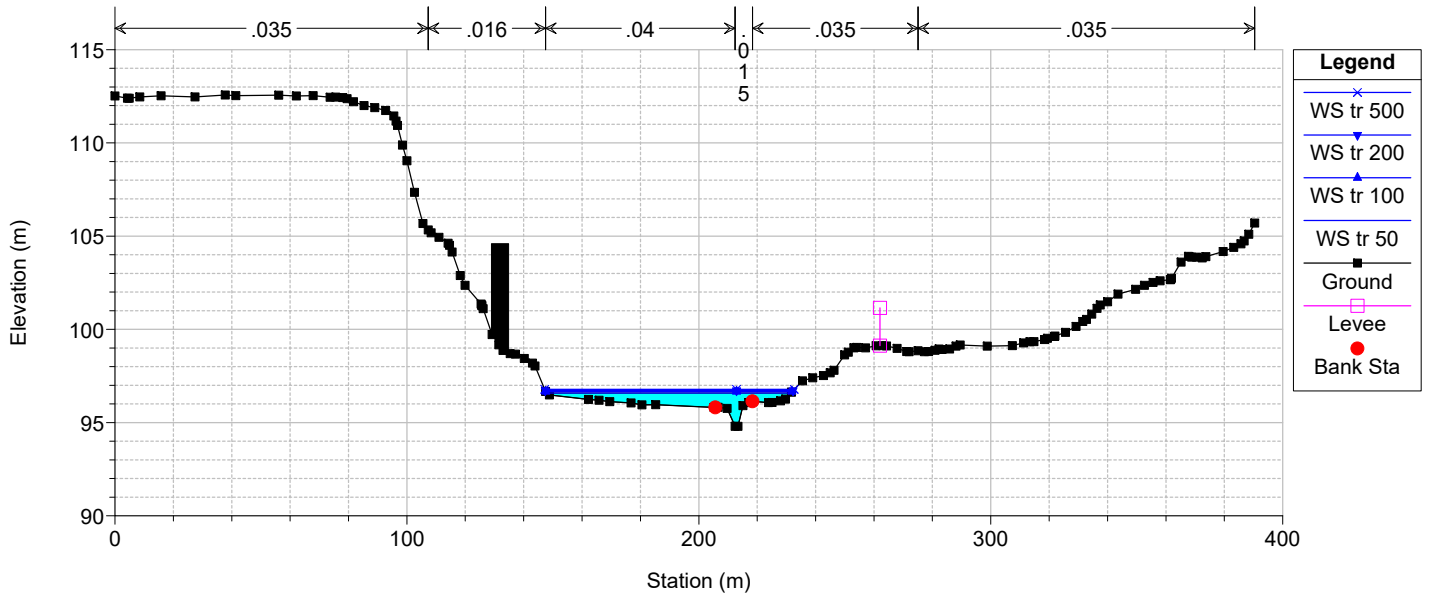
River = Rio San Giovanni Reach = Rio San Giovanni RS = 1700 Culv ATTRAVERSAMENTO A12 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

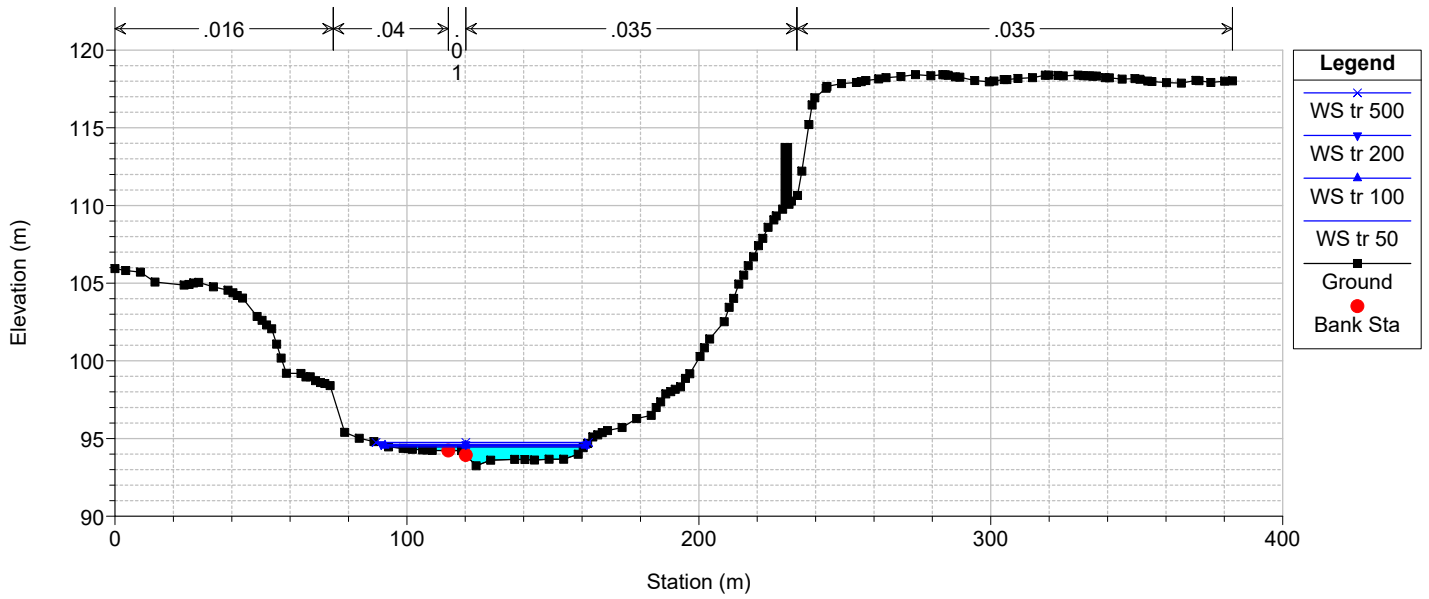
River = Rio San Giovanni Reach = Rio San Giovanni RS = 1695.408 SEZIONE 132 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

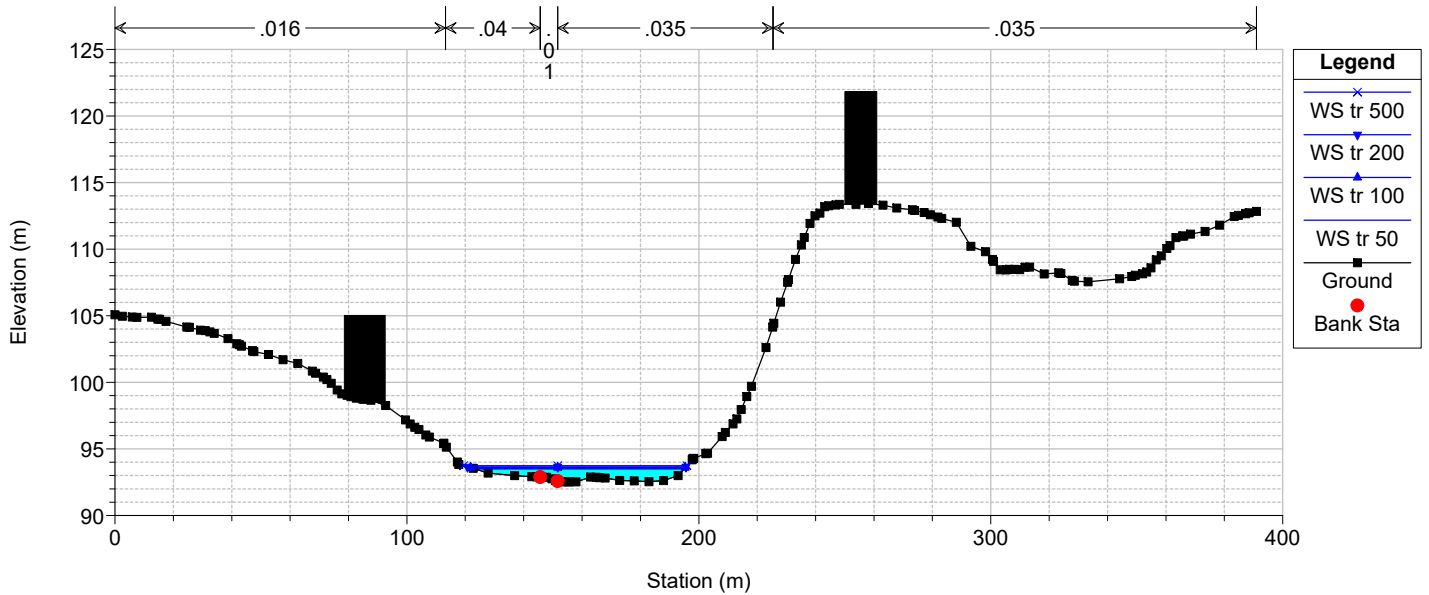
River = Rio San Giovanni Reach = Rio San Giovanni RS = 1488.506 SEZIONE 131 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

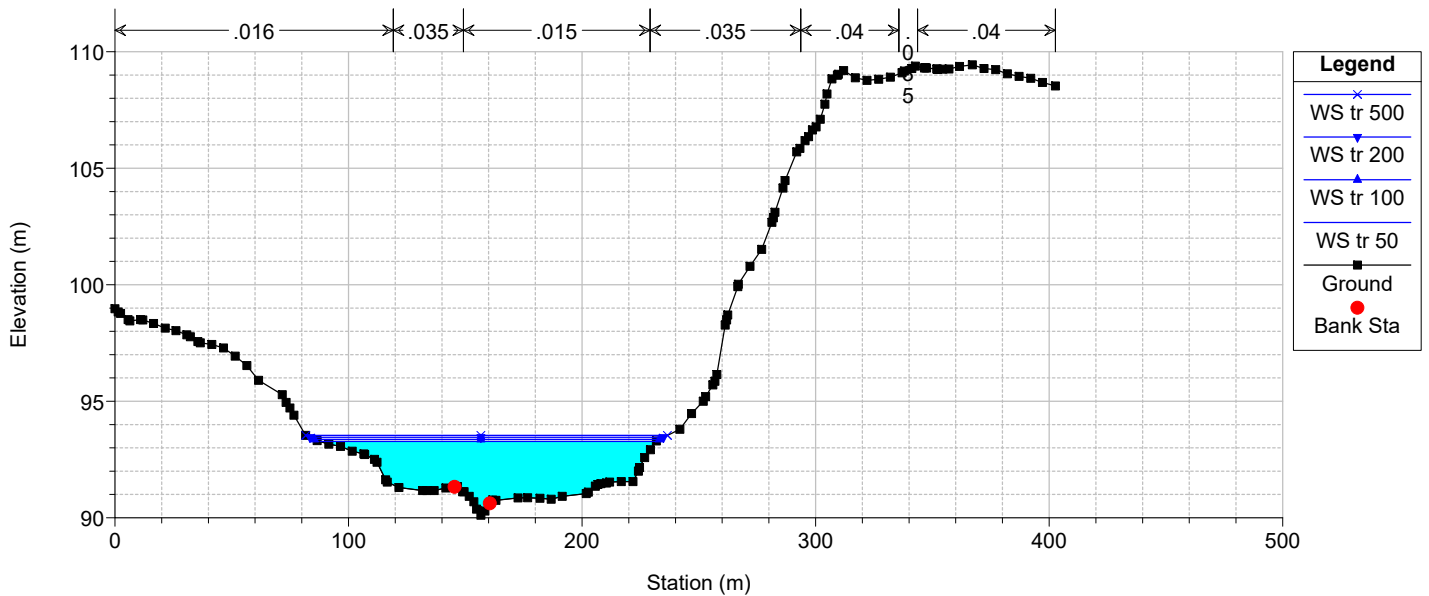
River = Rio San Giovanni Reach = Rio San Giovanni RS = 1372.647 SEZIONE 130 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

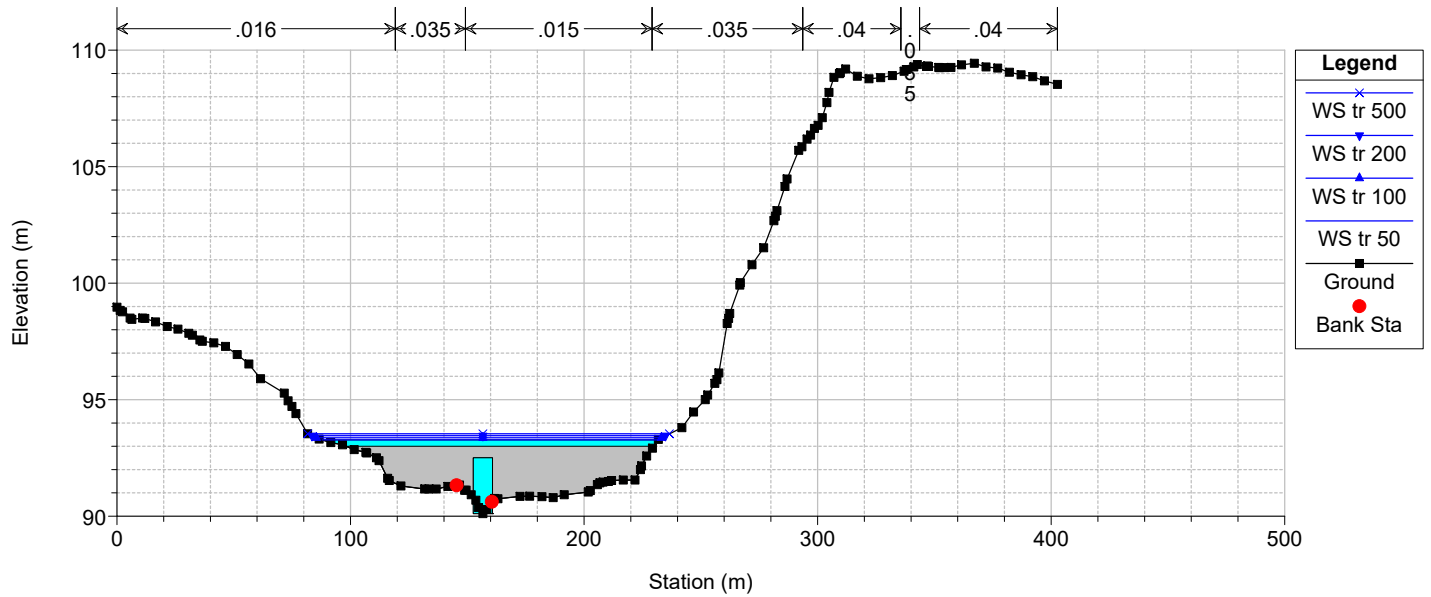
River = Rio San Giovanni Reach = Rio San Giovanni RS = 1214.271 SEZIONE 129 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

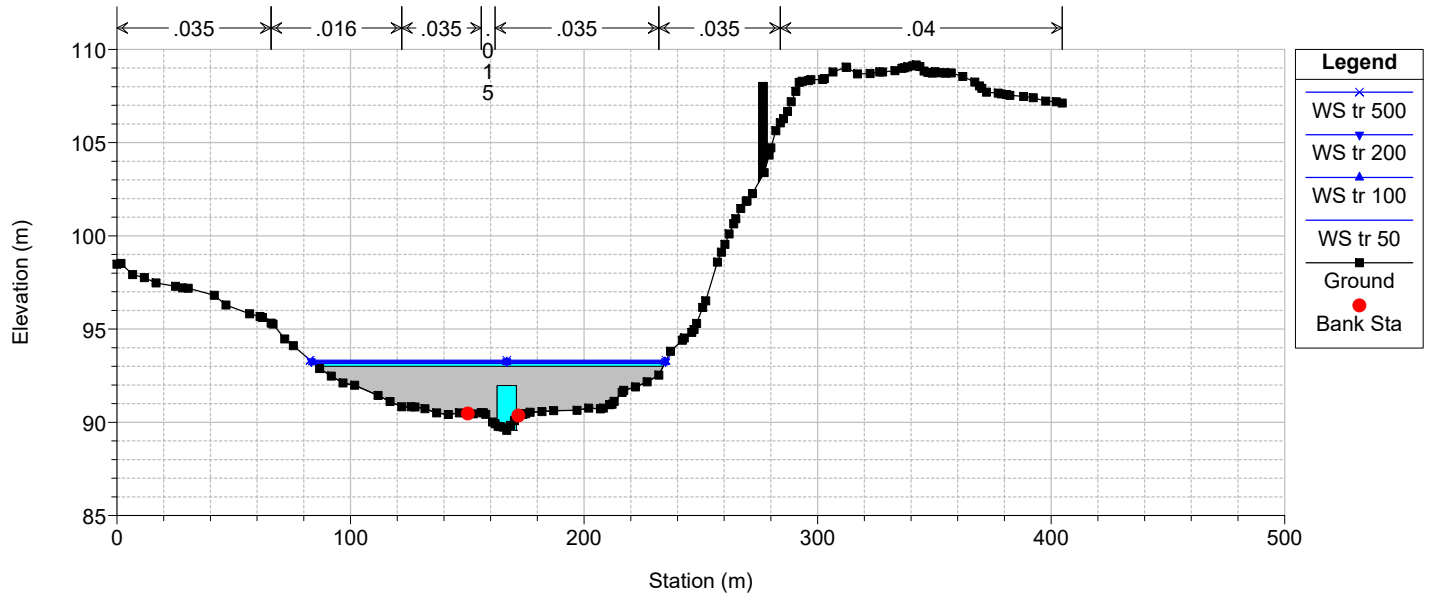
River = Rio San Giovanni Reach = Rio San Giovanni RS = 1200 Culv ATTRAVERSAMENTO A1 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

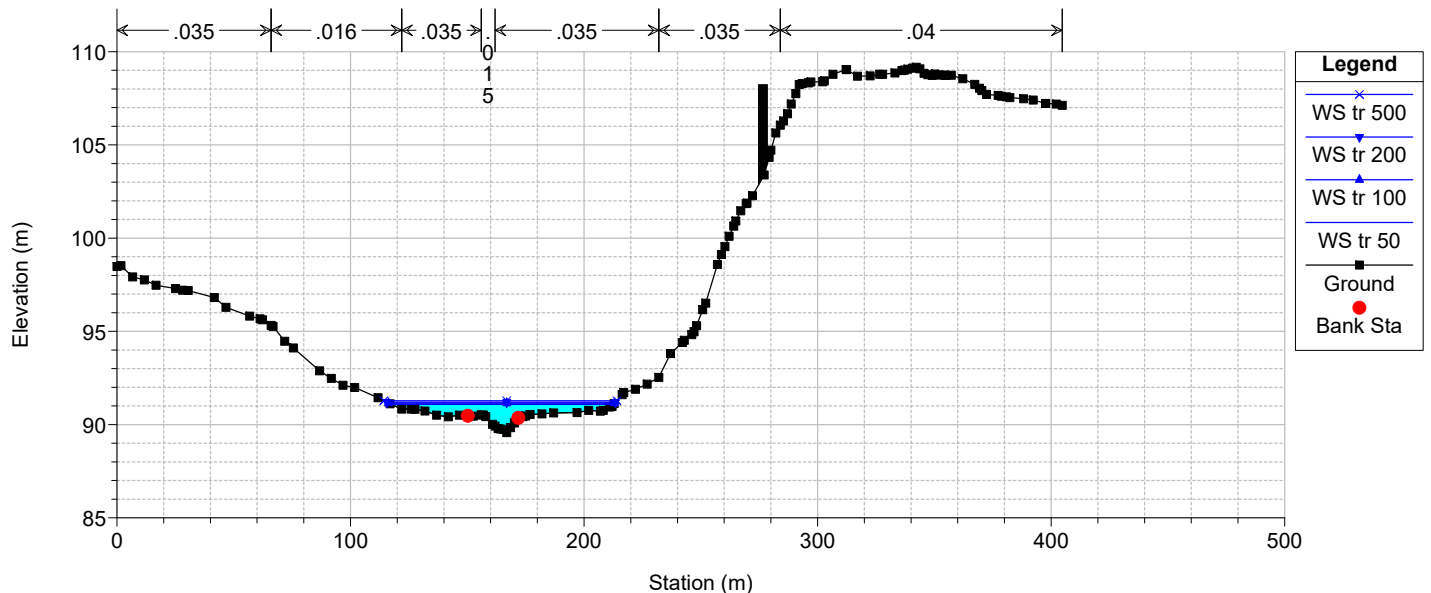
River = Rio San Giovanni Reach = Rio San Giovanni RS = 1200 Culv ATTRAVERSAMENTO A1 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

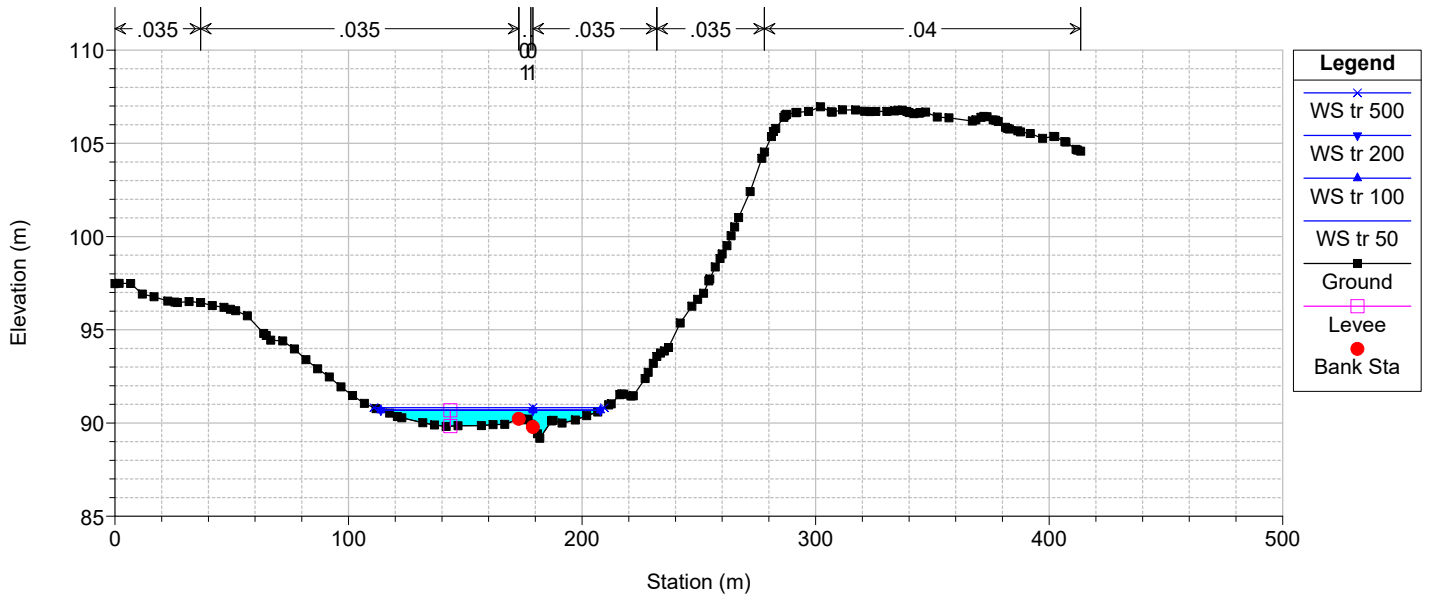
River = Rio San Giovanni Reach = Rio San Giovanni RS = 1185.518 SEZIONE 128 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

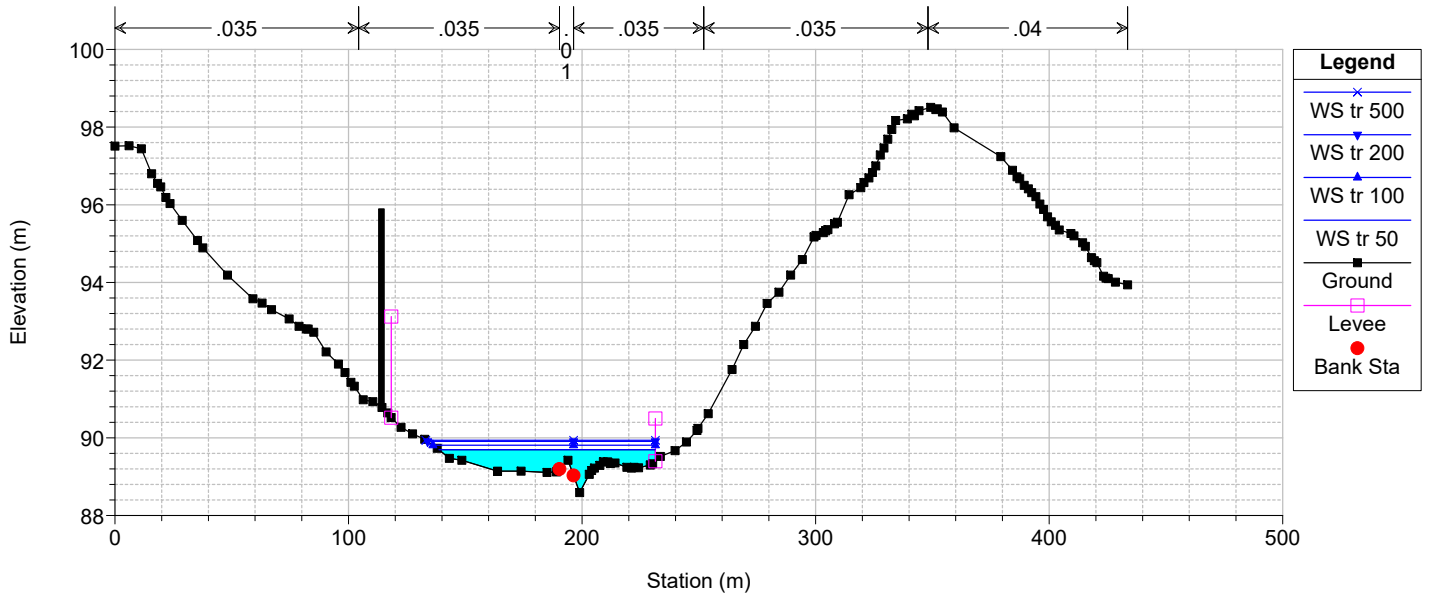
River = Rio San Giovanni Reach = Rio San Giovanni RS = 1140.801 SEZIONE 127 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

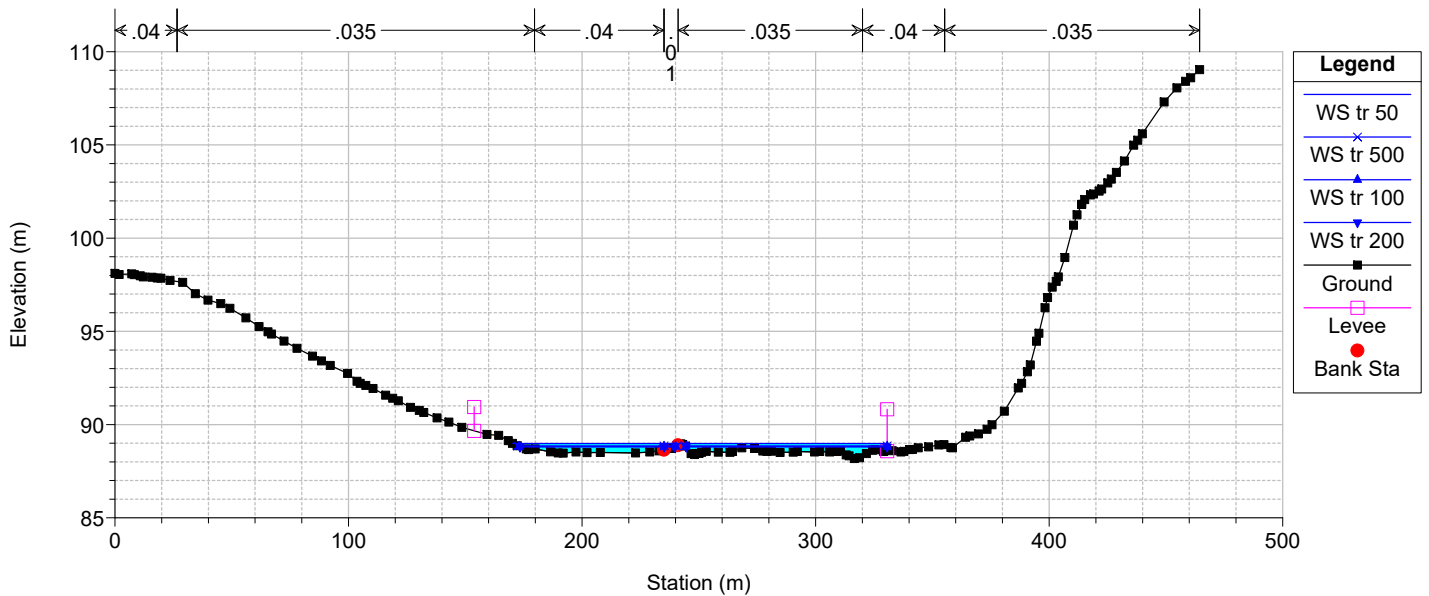
River = Rio San Giovanni Reach = Rio San Giovanni RS = 1038.829 SEZIONE 126 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

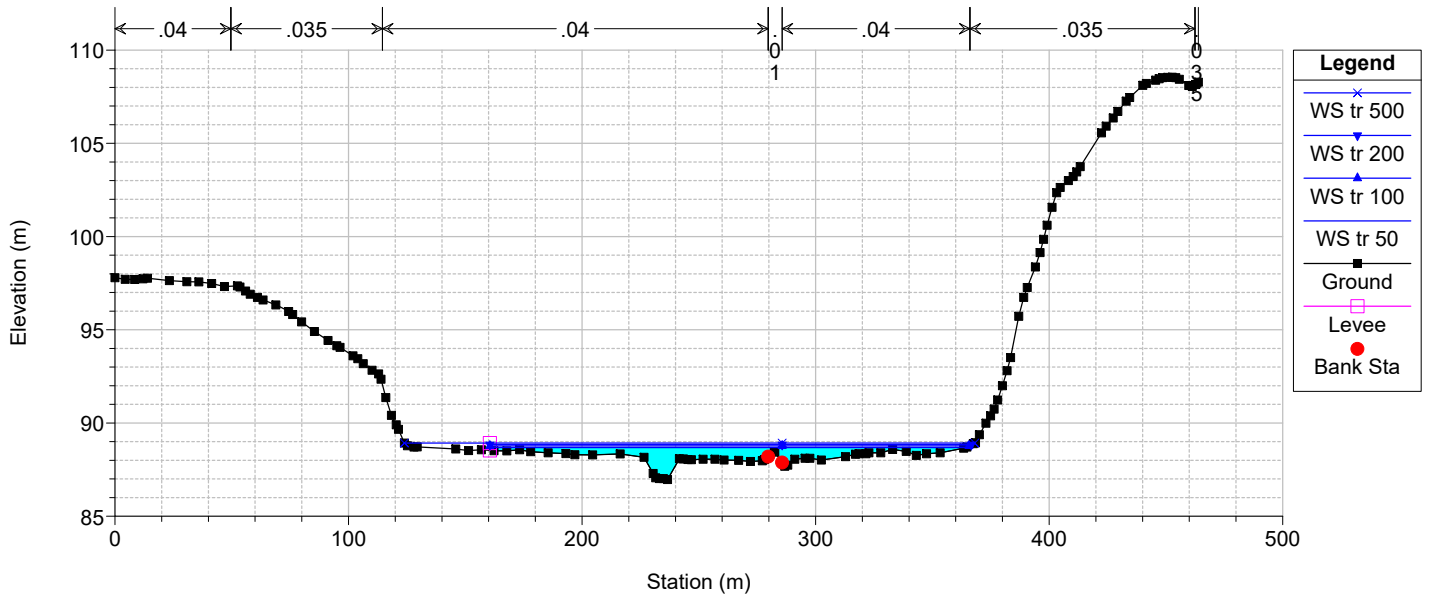
River = Rio San Giovanni Reach = Rio San Giovanni RS = 976.7069 SEZIONE 125 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

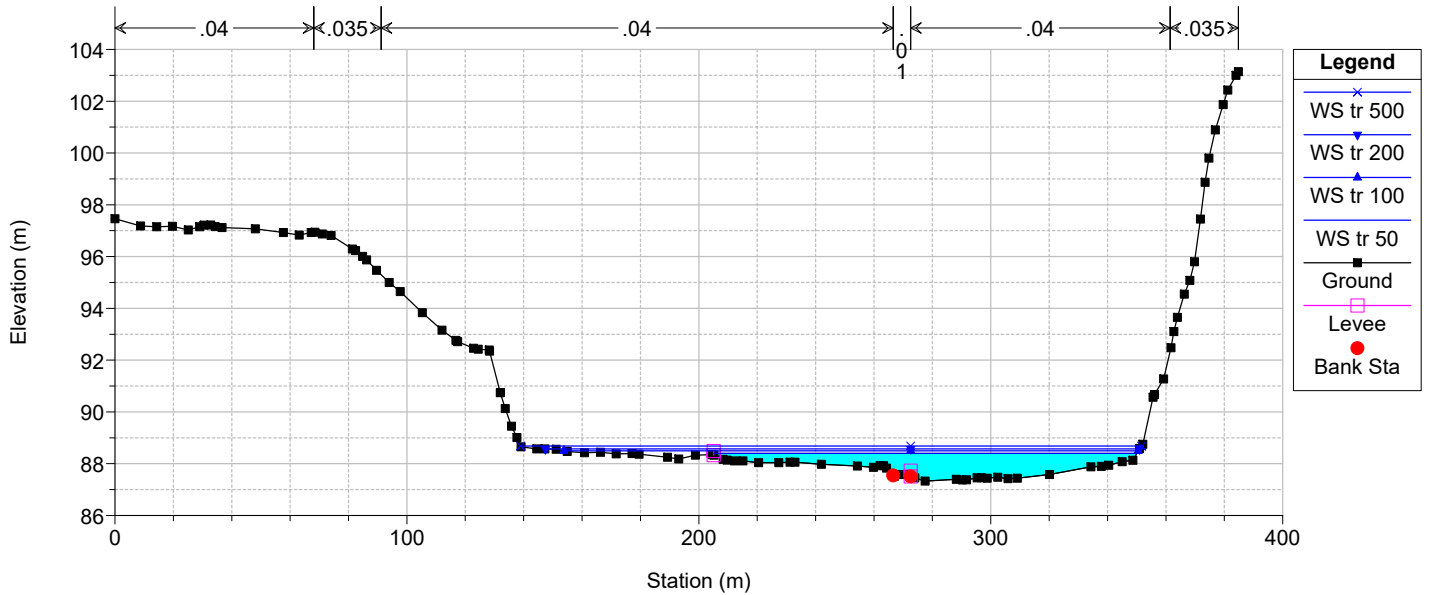
River = Rio San Giovanni Reach = Rio San Giovanni RS = 910.2315 SEZIONE 124 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

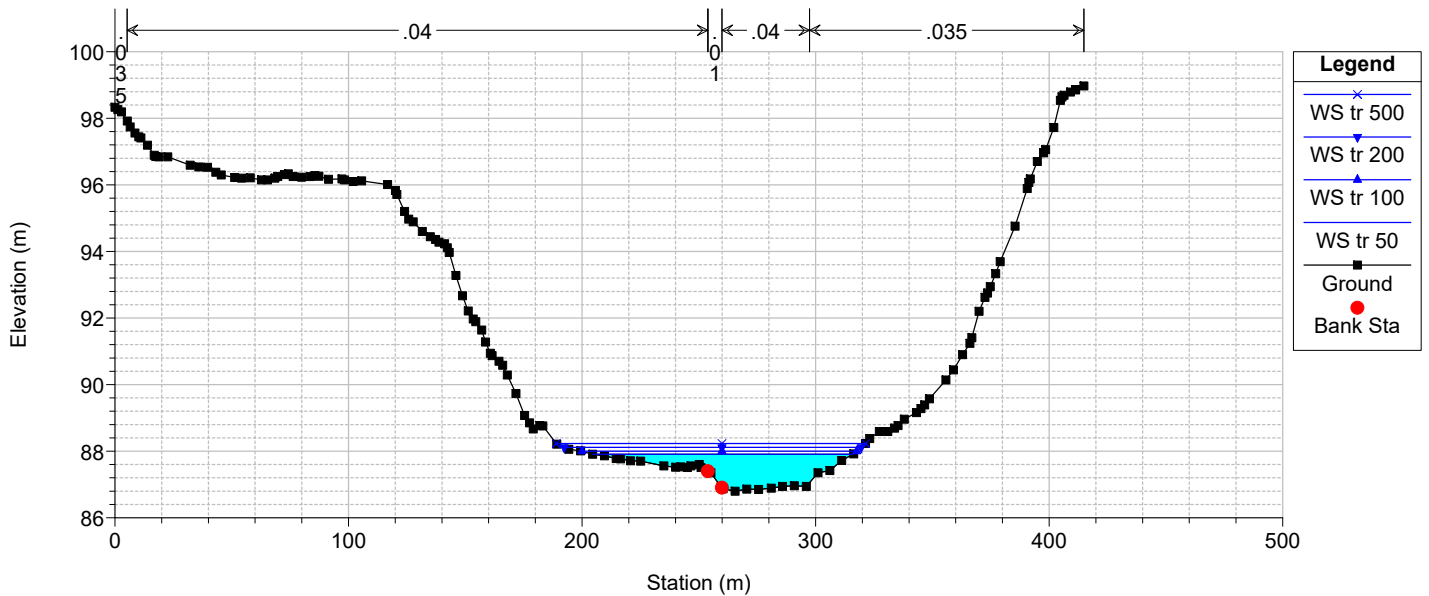
River = Rio San Giovanni Reach = Rio San Giovanni RS = 847.9926 SEZIONE 123 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

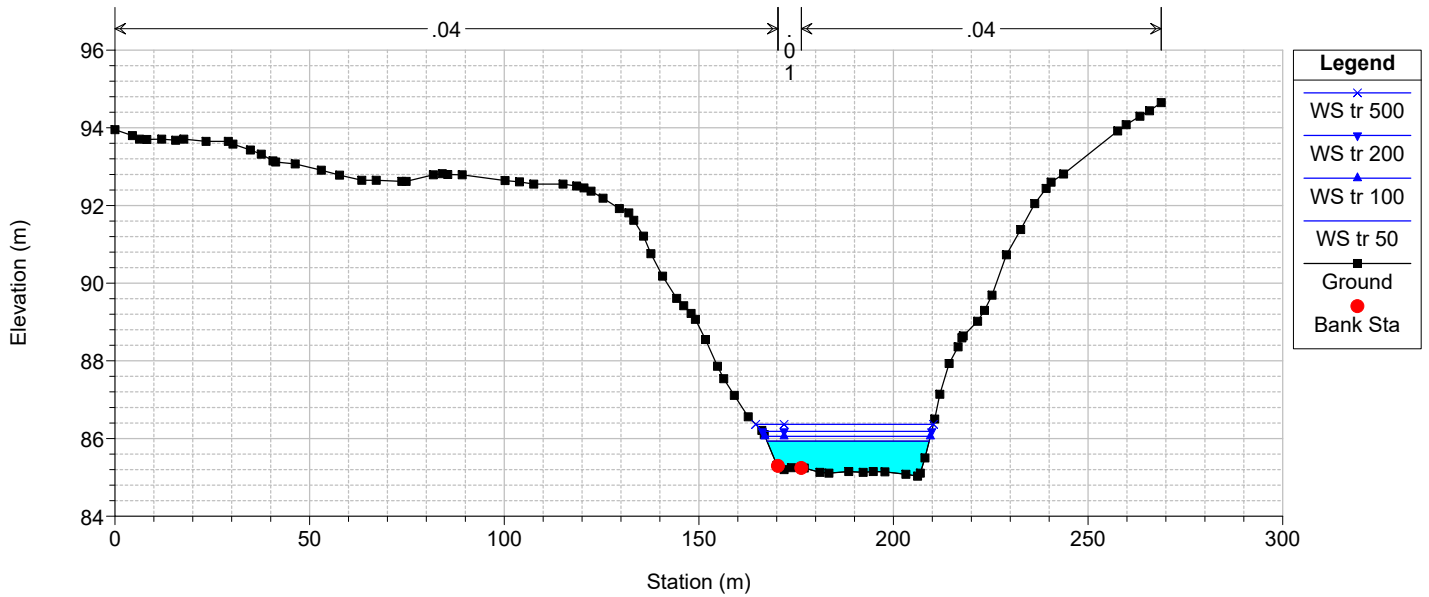
River = Rio San Giovanni Reach = Rio San Giovanni RS = 730.7009 SEZIONE 122 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

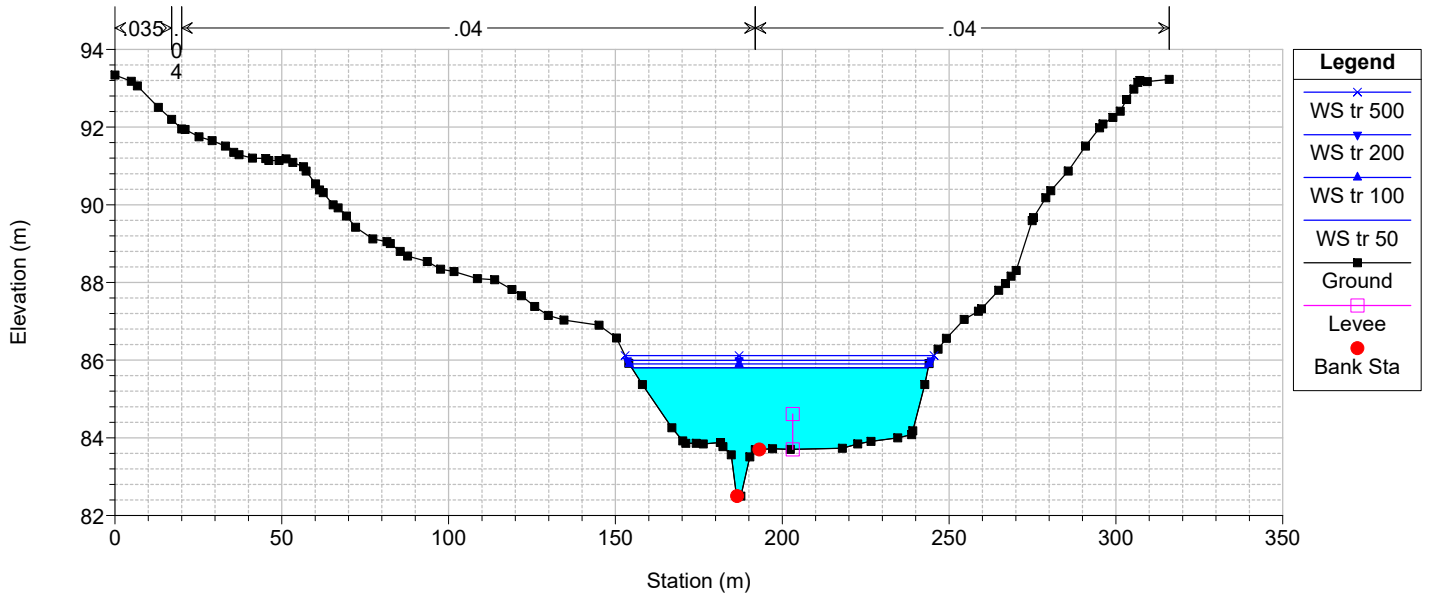
River = Rio San Giovanni Reach = Rio San Giovanni RS = 622.0302 SEZIONE 121 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

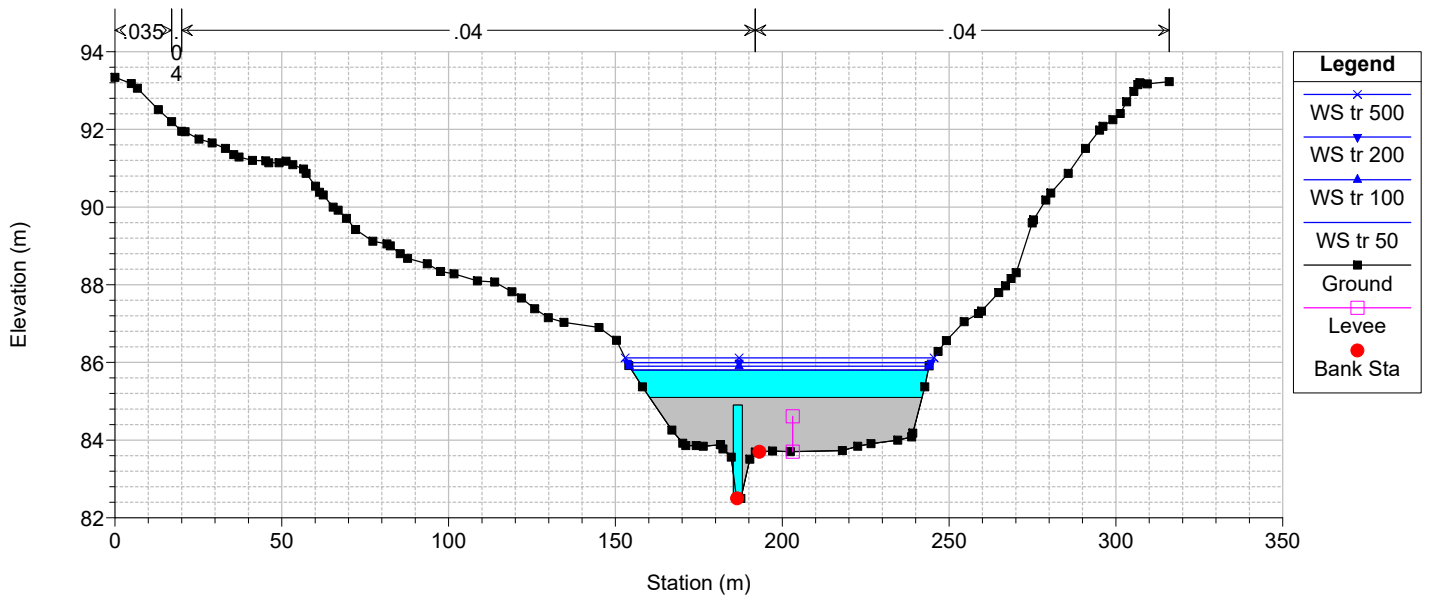
River = Rio San Giovanni Reach = Rio San Giovanni RS = 458.8359 SEZIONE 120 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

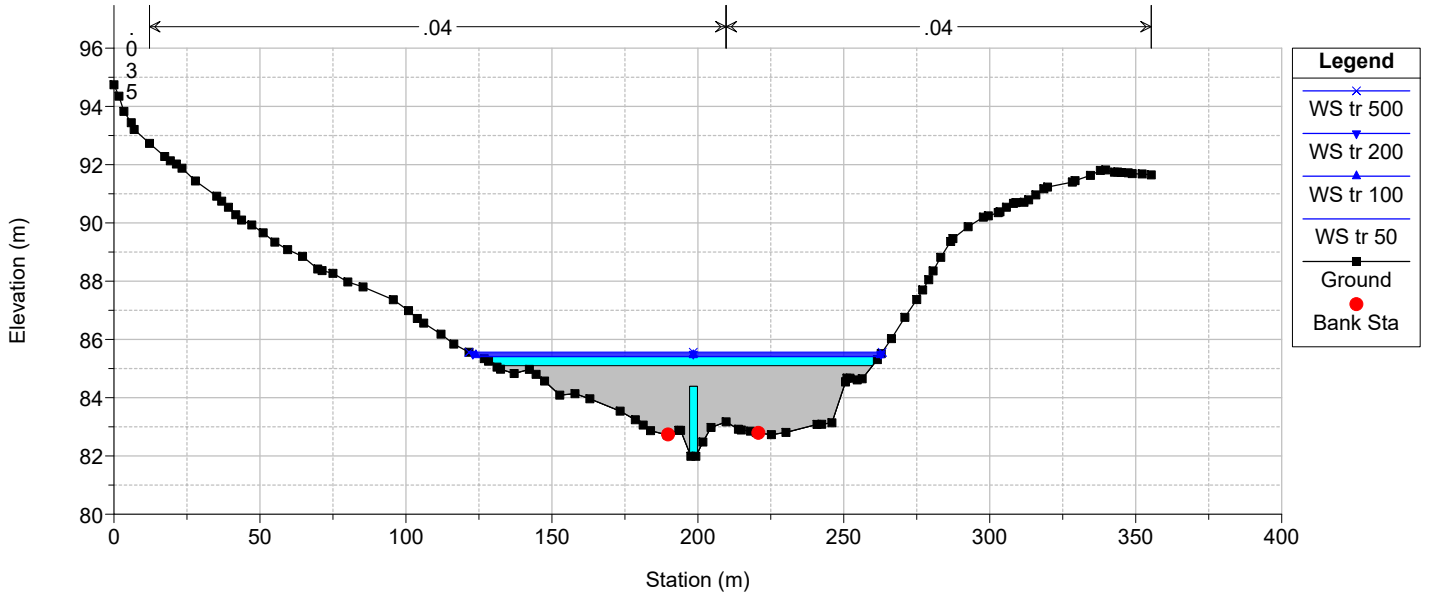
River = Rio San Giovanni Reach = Rio San Giovanni RS = 435 Culv ATTRAVERSAMENTO A14 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

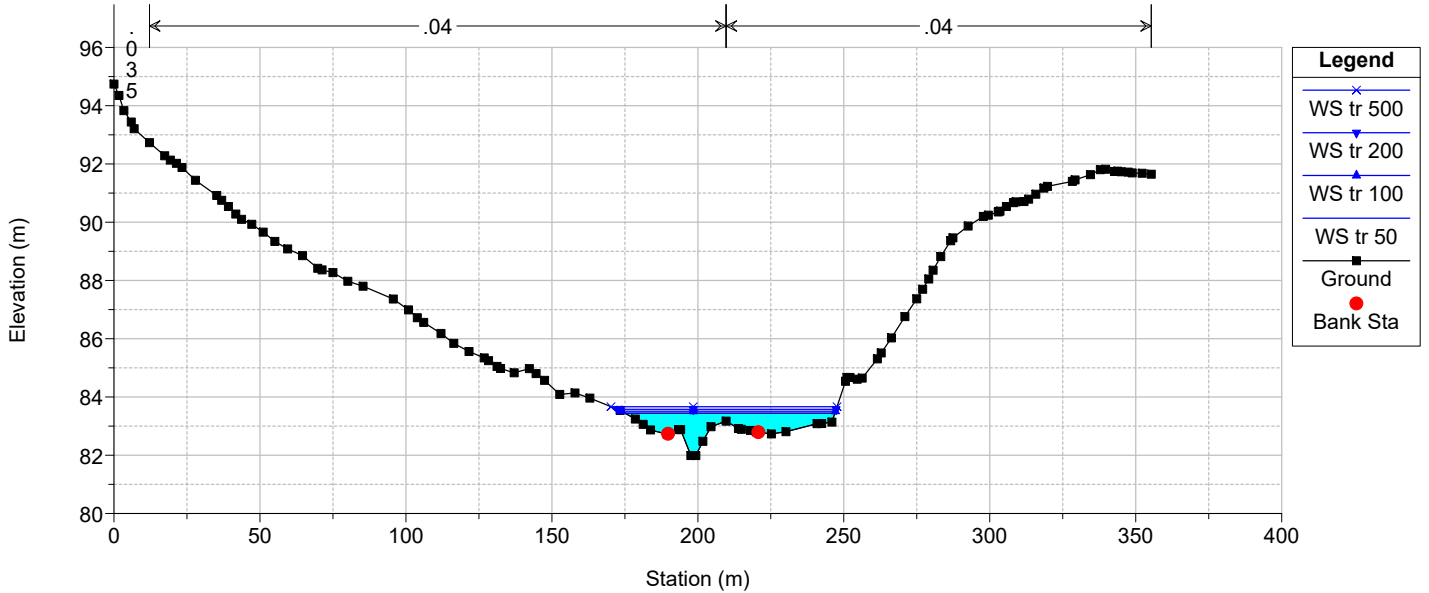
River = Rio San Giovanni Reach = Rio San Giovanni RS = 435 Culv ATTRAVERSAMENTO A14 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

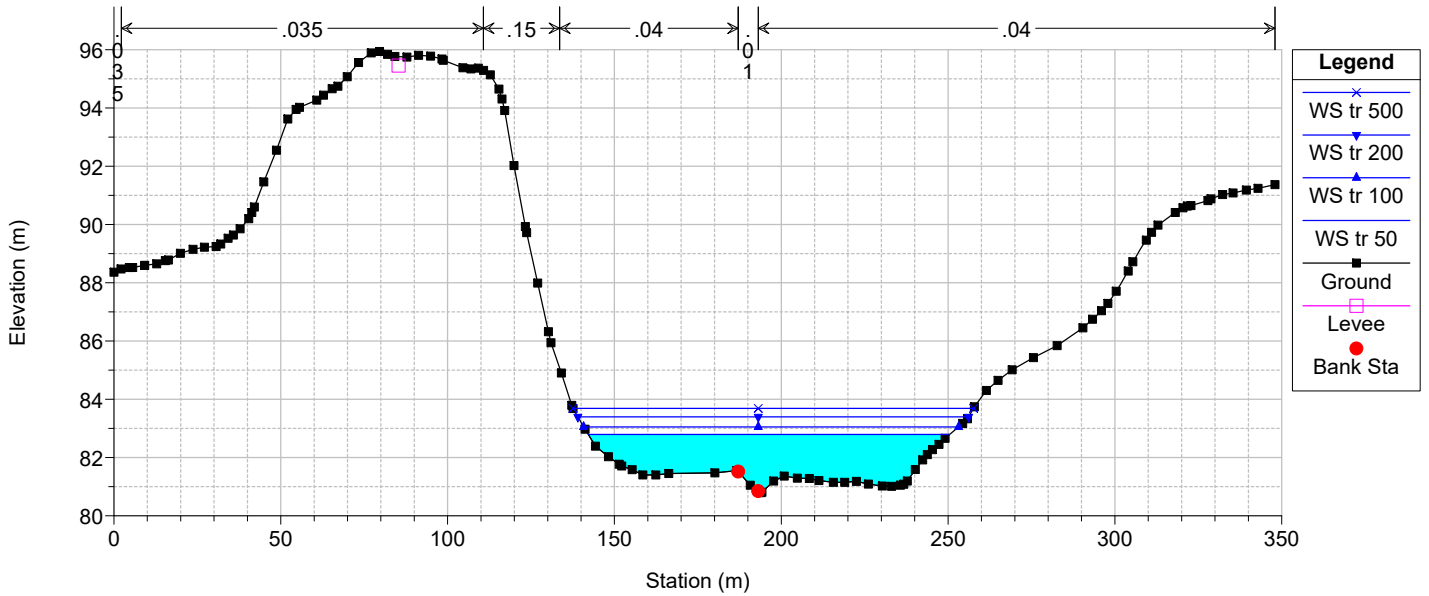
River = Rio San Giovanni Reach = Rio San Giovanni RS = 415.9577 SEZIONE 119 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

River = Rio San Giovanni Reach = Rio San Giovanni RS = 237.4459 SEZIONE 118 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Rio San Giovanni	8385.023	tr 50	71.86	209.06	209.85	209.85	210.14	0.012870	2.70	30.85	52.51	0.99
Rio San Giovanni	8385.023	tr 100	85.58	209.06	209.92	209.92	210.25	0.012589	2.84	34.82	53.54	0.99
Rio San Giovanni	8385.023	tr 200	99.44	209.06	209.99	209.99	210.35	0.013017	3.03	38.18	55.22	1.02
Rio San Giovanni	8385.023	tr 500	117.91	209.06	210.10	210.10	210.48	0.011984	3.14	44.40	59.13	1.00
Rio San Giovanni	8344.578	tr 50	71.86	208.56	209.25	209.29	209.55	0.017497	2.26	30.43	64.82	1.12
Rio San Giovanni	8344.578	tr 100	85.58	208.56	209.30	209.36	209.64	0.018446	2.46	33.50	65.37	1.16
Rio San Giovanni	8344.578	tr 200	99.44	208.56	209.35	209.41	209.73	0.018654	2.62	36.76	65.91	1.17
Rio San Giovanni	8344.578	tr 500	117.91	208.56	209.40	209.49	209.86	0.020540	2.89	39.72	66.24	1.24
Rio San Giovanni	8278.010	tr 50	71.86	207.46	208.31	208.31	208.61	0.014013	2.24	29.82	49.80	0.98
Rio San Giovanni	8278.010	tr 100	85.58	207.46	208.38	208.38	208.71	0.013884	2.43	33.63	51.22	0.99
Rio San Giovanni	8278.010	tr 200	99.44	207.46	208.46	208.46	208.82	0.013339	2.58	37.69	52.70	0.99
Rio San Giovanni	8278.010	tr 500	117.91	207.46	208.55	208.55	208.94	0.013188	2.78	42.31	53.98	1.01
Rio San Giovanni	8207.571	tr 50	71.86	205.81	206.92	207.04	207.54	0.016071	3.06	20.82	24.16	1.09
Rio San Giovanni	8207.571	tr 100	85.58	205.81	207.06	207.19	207.70	0.014457	3.10	24.32	25.40	1.05
Rio San Giovanni	8207.571	tr 200	99.44	205.81	207.19	207.37	207.86	0.013374	3.19	27.65	27.35	1.03
Rio San Giovanni	8207.571	tr 500	117.91	205.81	207.34	207.50	208.03	0.012466	3.38	32.24	34.71	1.02
Rio San Giovanni	8179.541	tr 50	71.86	204.63	206.58	205.79	206.63	0.000800	1.03	74.01	58.81	0.27
Rio San Giovanni	8179.541	tr 100	85.58	204.63	206.71	205.87	206.76	0.000830	1.11	81.79	60.19	0.28
Rio San Giovanni	8179.541	tr 200	99.44	204.63	206.83	205.94	206.89	0.000864	1.19	88.95	61.57	0.29
Rio San Giovanni	8179.541	tr 500	117.91	204.63	206.97	206.03	207.04	0.000912	1.28	97.69	63.20	0.30
Rio San Giovanni	8112.400	tr 50	71.86	205.81	206.07	206.07	206.45	0.010110	0.71	27.08	40.02	0.65
Rio San Giovanni	8112.400	tr 100	85.58	205.81	206.18	206.18	206.59	0.009546	1.02	31.98	42.49	0.69
Rio San Giovanni	8112.400	tr 200	99.44	205.81	206.29	206.29	206.71	0.009184	1.25	36.56	44.23	0.72
Rio San Giovanni	8112.400	tr 500	117.91	205.81	206.41	206.41	206.86	0.008894	1.52	42.12	46.18	0.75
Rio San Giovanni	7994.023	tr 50	71.86	202.93	203.39	203.59	204.10	0.058180	3.98	19.67	52.26	1.92
Rio San Giovanni	7994.023	tr 100	85.58	202.93	203.42	203.67	204.26	0.061479	4.32	21.56	52.48	2.00
Rio San Giovanni	7994.023	tr 200	99.44	202.93	203.46	203.73	204.41	0.063948	4.62	23.39	52.69	2.06
Rio San Giovanni	7994.023	tr 500	117.91	202.93	203.51	203.82	204.59	0.065073	4.94	25.87	52.95	2.11
Rio San Giovanni	7895.203	tr 50	71.86	200.96	201.90	201.90	202.24	0.013310	3.06	28.14	41.51	1.03
Rio San Giovanni	7895.203	tr 100	85.58	200.96	201.99	201.99	202.37	0.013201	3.23	31.74	42.89	1.04
Rio San Giovanni	7895.203	tr 200	99.44	200.96	202.08	202.08	202.48	0.012644	3.36	35.71	44.50	1.04
Rio San Giovanni	7895.203	tr 500	117.91	200.96	202.19	202.19	202.63	0.012223	3.52	40.62	46.38	1.04
Rio San Giovanni	7818.173	tr 50	71.86	199.78	200.40	200.16	200.55	0.004529	1.37	42.24	51.71	0.56
Rio San Giovanni	7818.173	tr 100	85.58	199.78	200.49	200.23	200.66	0.004454	1.51	47.40	52.27	0.57
Rio San Giovanni	7818.173	tr 200	99.44	199.78	200.60	200.30	200.78	0.004286	1.62	52.74	52.84	0.58
Rio San Giovanni	7818.173	tr 500	117.91	199.78	200.74	200.39	200.94	0.003968	1.73	60.20	53.63	0.57
Rio San Giovanni	7790		Bridge									
Rio San Giovanni	7775.815	tr 50	71.86	198.44	199.42	199.37	199.78	0.065524	1.57	36.71	54.20	0.53
Rio San Giovanni	7775.815	tr 100	85.58	198.44	199.51	199.51	199.93	0.062034	1.63	41.53	55.75	0.53
Rio San Giovanni	7775.815	tr 200	99.44	198.44	199.63	199.60	200.06	0.051886	1.61	47.98	56.63	0.49
Rio San Giovanni	7775.815	tr 500	117.91	198.44	199.71	199.71	200.23	0.052632	1.70	52.98	57.31	0.50
Rio San Giovanni	7679.706	tr 50	71.86	195.37	196.81	196.81	197.27	0.014072	3.23	33.00	38.05	0.94
Rio San Giovanni	7679.706	tr 100	85.58	195.37	196.92	196.92	197.44	0.014229	3.42	37.47	38.84	0.95
Rio San Giovanni	7679.706	tr 200	99.44	195.37	197.01	197.01	197.60	0.015239	3.67	40.89	39.82	0.98
Rio San Giovanni	7679.706	tr 500	117.91	195.37	197.17	197.21	197.81	0.014705	3.83	47.33	42.53	0.97
Rio San Giovanni	7599.932	tr 50	71.86	193.51	195.29	194.69	195.62	0.010305	3.50	39.01	25.26	0.96
Rio San Giovanni	7599.932	tr 100	85.58	193.51	195.45	194.81	195.85	0.010428	3.80	43.20	25.99	0.99
Rio San Giovanni	7599.932	tr 200	99.44	193.51	195.60	195.04	196.07	0.010495	4.06	47.26	26.67	1.00
Rio San Giovanni	7599.932	tr 500	117.91	193.51	195.78	195.28	196.32	0.010906	4.42	51.89	27.47	1.04
Rio San Giovanni	7545.100	tr 50	71.86	192.49	193.93	193.83	194.35	0.098595	3.14	26.11	26.38	1.01
Rio San Giovanni	7545.100	tr 100	85.58	192.49	194.00	193.95	194.52	0.110245	3.51	27.99	26.86	1.09
Rio San Giovanni	7545.100	tr 200	99.44	192.49	194.06	194.06	194.70	0.121041	3.86	29.74	27.30	1.16
Rio San Giovanni	7545.100	tr 500	117.91	192.49	194.19	194.19	194.93	0.114634	4.09	33.39	28.04	1.17
Rio San Giovanni	7464.300	tr 50	71.86	189.62	190.75	190.75	191.20	0.020704	2.37	32.51	37.67	0.72
Rio San Giovanni	7464.300	tr 100	85.58	189.62	190.87	190.87	191.36	0.019804	2.48	37.00	38.62	0.72
Rio San Giovanni	7464.300	tr 200	99.44	189.62	190.98	190.98	191.52	0.019089	2.58	41.34	39.51	0.71
Rio San Giovanni	7464.300	tr 500	117.91	189.62	191.09	191.12	191.71	0.019810	2.76	45.71	40.39	0.74
Rio San Giovanni	7397.736	tr 50	71.86	187.17	187.76	188.06	188.81	0.071476	5.22	16.41	35.56	2.22
Rio San Giovanni	7397.736	tr 100	85.58	187.17	187.81	188.15	189.01	0.073158	5.61	18.29	36.22	2.28
Rio San Giovanni	7397.736	tr 200	99.44	187.17	187.86	188.25	189.20	0.074056	5.94	20.13	36.86	2.32
Rio San Giovanni	7397.736	tr 500	117.91	187.17	187.94	188.35	189.38	0.069728	6.20	23.01	37.67	2.29
Rio San Giovanni	7356.261	tr 50	71.86	186.86	187.84	187.70	188.09	0.008072	2.43	33.23	40.80	0.81
Rio San Giovanni	7356.261	tr 100	85.58	186.86	187.92	187.79	188.22	0.008574	2.65	36.53	41.44	0.85
Rio San Giovanni	7356.261	tr 200	99.44	186.86	187.99	187.88	188.33	0.009075	2.86	39.59	42.23	0.88
Rio San Giovanni	7356.261	tr 500	117.91	186.86	188.07	187.98	188.49	0.009849	3.13	43.20	43.76	0.93
Rio San Giovanni	7304.761	tr 50	71.86	186.52	187.21	187.21	187.52	0.015557	2.50	29.20	47.65	1.04

Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Rio San Giovanni	7304.761	tr 100	85.58	186.52	187.29	187.29	187.63	0.015057	2.66	32.88	47.97	1.04
Rio San Giovanni	7304.761	tr 200	99.44	186.52	187.36	187.36	187.74	0.014723	2.81	36.31	48.29	1.05
Rio San Giovanni	7304.761	tr 500	117.91	186.52	187.45	187.45	187.88	0.014129	2.98	40.83	48.74	1.05
Rio San Giovanni	7249.707	tr 50	71.86	185.47	186.62	186.71	187.12	0.004095	1.53	28.67	36.49	0.56
Rio San Giovanni	7249.707	tr 100	85.58	185.47	186.75	186.81	187.26	0.003781	1.63	33.37	37.90	0.55
Rio San Giovanni	7249.707	tr 200	99.44	185.47	186.87	186.92	187.39	0.003508	1.71	38.07	39.37	0.54
Rio San Giovanni	7249.707	tr 500	117.91	185.47	187.02	187.04	187.55	0.003218	1.80	44.17	41.30	0.53
Rio San Giovanni	7196.271	tr 50	71.86	185.27	186.09	186.30	186.85	0.004716	3.19	18.88	23.76	1.28
Rio San Giovanni	7196.271	tr 100	85.58	185.27	186.22	186.42	187.01	0.004237	3.41	22.07	24.80	1.25
Rio San Giovanni	7196.271	tr 200	99.44	185.27	186.35	186.54	187.16	0.003830	3.59	25.32	25.82	1.22
Rio San Giovanni	7196.271	tr 500	117.91	185.27	186.51	186.71	187.35	0.003401	3.78	29.66	27.12	1.18
Rio San Giovanni	7141.924	tr 50	71.86	182.70	186.51	184.94	186.61	0.000438	1.30	56.58	49.10	0.35
Rio San Giovanni	7141.924	tr 100	85.58	182.70	186.65	185.17	186.76	0.000434	1.38	63.71	49.70	0.35
Rio San Giovanni	7141.924	tr 200	99.44	182.70	186.79	185.37	186.91	0.000430	1.46	70.62	50.12	0.36
Rio San Giovanni	7141.924	tr 500	117.91	182.70	186.94	185.62	187.08	0.000447	1.57	78.00	50.56	0.37
Rio San Giovanni	7120		Culvert									
Rio San Giovanni	7099.223	tr 50	71.86	180.70	181.83	181.83	182.26	0.003577	3.92	30.63	35.30	1.20
Rio San Giovanni	7099.223	tr 100	85.58	180.70	181.94	181.94	182.42	0.003537	4.16	34.60	36.87	1.21
Rio San Giovanni	7099.223	tr 200	99.44	180.70	182.06	182.06	182.57	0.003341	4.30	39.09	38.38	1.20
Rio San Giovanni	7099.223	tr 500	117.91	180.70	182.20	182.20	182.75	0.003233	4.52	44.36	39.58	1.20
Rio San Giovanni	7045.812	tr 50	71.86	178.92	179.24	179.64	181.56	0.073811	6.88	10.67	42.79	4.33
Rio San Giovanni	7045.812	tr 100	85.58	178.92	179.27	179.73	181.73	0.064472	7.07	12.38	43.16	4.14
Rio San Giovanni	7045.812	tr 200	99.44	178.92	179.31	179.82	181.90	0.058009	7.27	14.02	43.51	4.01
Rio San Giovanni	7045.812	tr 500	117.91	178.92	179.36	179.91	182.09	0.051073	7.48	16.19	43.97	3.85
Rio San Giovanni	6993.365	tr 50	71.86	177.80	178.47	178.80	179.58	0.016638	4.74	15.58	37.81	2.25
Rio San Giovanni	6993.365	tr 100	85.58	177.80	178.52	178.90	179.80	0.017225	5.14	17.33	39.43	2.33
Rio San Giovanni	6993.365	tr 200	99.44	177.80	178.56	178.96	180.00	0.017760	5.50	19.01	40.72	2.40
Rio San Giovanni	6993.365	tr 500	117.91	177.80	178.61	179.09	180.26	0.018271	5.93	21.13	41.69	2.47
Rio San Giovanni	6943.140	tr 50	71.86	177.43	178.73	178.74	179.11	0.002416	3.15	27.63	36.33	0.97
Rio San Giovanni	6943.140	tr 100	85.58	177.43	178.76	178.84	179.25	0.003118	3.63	28.54	36.60	1.10
Rio San Giovanni	6943.140	tr 200	99.44	177.43	178.79	178.92	179.40	0.003701	4.02	29.83	36.98	1.21
Rio San Giovanni	6943.140	tr 500	117.91	177.43	178.85	179.05	179.60	0.004323	4.45	31.81	37.56	1.31
Rio San Giovanni	6915.057	tr 50	71.86	176.62	178.43	177.68	178.50	0.000262	1.25	60.20	48.15	0.34
Rio San Giovanni	6915.057	tr 100	85.58	176.62	178.56	177.78	178.65	0.000269	1.35	66.73	48.49	0.35
Rio San Giovanni	6915.057	tr 200	99.44	176.62	178.69	177.88	178.79	0.000275	1.44	72.85	48.81	0.36
Rio San Giovanni	6915.057	tr 500	117.91	176.62	178.80	177.99	178.92	0.000307	1.59	78.37	49.10	0.38
Rio San Giovanni	6890		Bridge									
Rio San Giovanni	6879.266	tr 50	71.86	174.96	178.47		178.47	0.000018	0.19	303.46	96.76	0.03
Rio San Giovanni	6879.266	tr 100	85.58	174.96	178.61		178.61	0.000022	0.21	317.19	97.99	0.04
Rio San Giovanni	6879.266	tr 200	99.44	174.96	178.74		178.75	0.000026	0.24	330.17	99.14	0.04
Rio San Giovanni	6879.266	tr 500	117.91	174.96	178.87		178.87	0.000033	0.27	342.45	100.20	0.05
Rio San Giovanni	6838.324	tr 50	71.86	174.31	178.47		178.47	0.000036	0.27	265.00	84.27	0.05
Rio San Giovanni	6838.324	tr 100	85.58	174.31	178.61		178.61	0.000044	0.31	276.87	84.69	0.05
Rio San Giovanni	6838.324	tr 200	99.44	174.31	178.74		178.75	0.000053	0.35	288.01	85.08	0.06
Rio San Giovanni	6838.324	tr 500	117.91	174.31	178.86		178.87	0.000067	0.40	298.46	85.44	0.06
Rio San Giovanni	6792.858	tr 50	71.86	172.95	178.47		178.47	0.000011	0.20	382.31	91.55	0.03
Rio San Giovanni	6792.858	tr 100	85.58	172.95	178.61		178.61	0.000014	0.23	395.24	92.14	0.03
Rio San Giovanni	6792.858	tr 200	99.44	172.95	178.74		178.74	0.000017	0.26	407.38	92.70	0.03
Rio San Giovanni	6792.858	tr 500	117.91	172.95	178.86		178.87	0.000021	0.30	418.79	93.22	0.04
Rio San Giovanni	6759.950	tr 50	71.86	172.32	178.47		178.47	0.000007	0.18	426.40	88.12	0.02
Rio San Giovanni	6759.950	tr 100	85.58	172.32	178.61		178.61	0.000009	0.20	438.82	88.38	0.03
Rio San Giovanni	6759.950	tr 200	99.44	172.32	178.74		178.74	0.000011	0.23	450.44	88.62	0.03
Rio San Giovanni	6759.950	tr 500	117.91	172.32	178.86		178.87	0.000015	0.27	461.34	88.85	0.03
Rio San Giovanni	6720.863	tr 50	71.86	171.77	178.47		178.47	0.000005	0.15	474.17	103.70	0.02
Rio San Giovanni	6720.863	tr 100	85.58	171.77	178.61		178.61	0.000006	0.17	488.78	104.07	0.02
Rio San Giovanni	6720.863	tr 200	99.44	171.77	178.74		178.74	0.000008	0.19	502.47	104.41	0.02
Rio San Giovanni	6720.863	tr 500	117.91	171.77	178.86		178.87	0.000010	0.22	515.31	104.73	0.03
Rio San Giovanni	6676.040	tr 50	71.86	170.86	178.47		178.47	0.000006	0.18	425.63	68.24	0.02
Rio San Giovanni	6676.040	tr 100	85.58	170.86	178.61		178.61	0.000008	0.21	435.48	79.58	0.03
Rio San Giovanni	6676.040	tr 200	99.44	170.86	178.74		178.74	0.000010	0.24	445.93	79.79	0.03
Rio San Giovanni	6676.040	tr 500	117.91	170.86	178.86		178.87	0.000013	0.28	455.72	79.99	0.03
Rio San Giovanni	6645.164	tr 50	71.86	170.13	178.47		178.47	0.000002	0.11	603.53	90.49	0.01
Rio San Giovanni	6645.164	tr 100	85.58	170.13	178.61		178.61	0.000003	0.13	616.28	90.82	0.01
Rio San Giovanni	6645.164	tr 200	99.44	170.13	178.74		178.74	0.000003	0.15	628.23	91.12	0.02
Rio San Giovanni	6645.164	tr 500	117.91	170.13	178.86		178.86	0.000004	0.17	639.43	91.42	0.02

Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Rio San Giovanni	6617.633	tr 50	71.86	169.87	178.47		178.47	0.000003	0.14	533.62	69.73	0.02
Rio San Giovanni	6617.633	tr 100	85.58	169.87	178.61		178.61	0.000004	0.17	543.42	69.73	0.02
Rio San Giovanni	6617.633	tr 200	99.44	169.87	178.74		178.74	0.000005	0.19	552.57	69.73	0.02
Rio San Giovanni	6617.633	tr 500	117.91	169.87	178.86		178.86	0.000007	0.22	561.12	69.73	0.02
Rio San Giovanni	6593.842	tr 50	71.86	170.27	178.47	171.70	178.47	0.000002	0.11	543.67	88.39	0.01
Rio San Giovanni	6593.842	tr 100	85.58	170.27	178.61	171.84	178.61	0.000003	0.13	556.10	88.47	0.01
Rio San Giovanni	6593.842	tr 200	99.44	170.27	178.74	171.93	178.74	0.000004	0.15	567.71	88.55	0.02
Rio San Giovanni	6593.842	tr 500	117.91	170.27	178.86	172.02	178.86	0.000005	0.17	578.57	88.63	0.02
Rio San Giovanni	6550		Culvert									
Rio San Giovanni	6521.062	tr 50	71.86	168.35	175.29		175.29	0.000003	0.12	663.22	139.85	0.01
Rio San Giovanni	6521.062	tr 100	85.58	168.35	175.40		175.40	0.000004	0.14	678.09	140.35	0.02
Rio San Giovanni	6521.062	tr 200	99.44	168.35	175.50		175.50	0.000005	0.16	691.76	140.81	0.02
Rio San Giovanni	6521.062	tr 500	117.91	168.35	175.61		175.61	0.000006	0.18	707.97	141.35	0.02
Rio San Giovanni	6498.231	tr 50	71.86	166.89	175.29		175.29	0.000001	0.08	755.60	122.12	0.01
Rio San Giovanni	6498.231	tr 100	85.58	166.89	175.40		175.40	0.000001	0.09	768.57	122.21	0.01
Rio San Giovanni	6498.231	tr 200	99.44	166.89	175.50		175.50	0.000001	0.10	780.46	122.30	0.01
Rio San Giovanni	6498.231	tr 500	117.91	166.89	175.61		175.61	0.000001	0.12	794.51	122.41	0.01
Rio San Giovanni	6480.144	tr 50	71.86	167.31	175.29		175.29	0.000002	0.11	700.19	121.01	0.01
Rio San Giovanni	6480.144	tr 100	85.58	167.31	175.40		175.40	0.000002	0.12	713.12	122.55	0.01
Rio San Giovanni	6480.144	tr 200	99.44	167.31	175.50		175.50	0.000003	0.14	725.10	123.68	0.02
Rio San Giovanni	6480.144	tr 500	117.91	167.31	175.61		175.61	0.000004	0.16	739.36	124.48	0.02
Rio San Giovanni	6460.542	tr 50	71.86	170.05	175.29	170.32	175.29	0.000007	0.15	464.22	127.21	0.02
Rio San Giovanni	6460.542	tr 100	85.58	170.05	175.40	170.40	175.40	0.000009	0.18	477.76	128.70	0.02
Rio San Giovanni	6460.542	tr 200	99.44	170.05	175.50	170.44	175.50	0.000011	0.20	490.31	130.05	0.03
Rio San Giovanni	6460.542	tr 500	117.91	170.05	175.61	170.55	175.61	0.000014	0.23	505.29	131.67	0.03
Rio San Giovanni	6430		Culvert									
Rio San Giovanni	6418.467	tr 50	71.86	169.08	168.32	168.32	168.45	0.003417		45.36	61.32	0.00
Rio San Giovanni	6418.467	tr 100	85.58	169.08	168.32	168.32	168.50	0.004845		45.36	61.32	0.00
Rio San Giovanni	6418.467	tr 200	99.44	169.08	168.32	168.32	168.57	0.006542		45.36	61.32	0.00
Rio San Giovanni	6418.467	tr 500	117.91	169.08	168.32	168.32	168.67	0.009198		45.36	61.32	0.00
Rio San Giovanni	6361.699	tr 50	71.86	164.41	165.90	166.59	167.79	0.058354	6.13	11.80	13.38	2.10
Rio San Giovanni	6361.699	tr 100	85.58	164.41	166.13	166.72	167.76	0.043928	5.97	15.22	15.65	1.87
Rio San Giovanni	6361.699	tr 200	99.44	164.41	166.33	166.84	167.75	0.035435	6.01	19.42	32.57	1.73
Rio San Giovanni	6361.699	tr 500	117.91	164.41	166.51	166.93	167.74	0.030079	6.08	26.71	46.25	1.63
Rio San Giovanni	6320.797	tr 50	71.86	165.13	166.32	165.68	166.37	0.001221	0.66	77.28	91.42	0.26
Rio San Giovanni	6320.797	tr 100	85.58	165.13	166.39	165.77	166.45	0.001380	0.76	84.11	94.64	0.28
Rio San Giovanni	6320.797	tr 200	99.44	165.13	166.46	165.86	166.53	0.001518	0.84	90.73	97.56	0.30
Rio San Giovanni	6320.797	tr 500	117.91	165.13	166.54	165.97	166.63	0.001679	0.95	99.02	101.39	0.32
Rio San Giovanni	6300		Bridge									
Rio San Giovanni	6289.098	tr 50	71.86	164.71	165.19	165.46	165.93	0.014223	1.12	20.70	53.82	0.83
Rio San Giovanni	6289.098	tr 100	85.58	164.71	165.29	165.52	165.99	0.014908	0.86	26.90	88.39	1.06
Rio San Giovanni	6289.098	tr 200	99.44	164.71	165.35	165.58	166.05	0.015654	0.99	32.49	90.73	0.87
Rio San Giovanni	6289.098	tr 500	117.91	164.71	165.42	165.59	166.12	0.016540	1.22	38.76	93.20	0.87
Rio San Giovanni	6240.412	tr 50	71.86	162.52	162.85	163.24	164.52	0.072873	10.50	19.02	66.02	6.63
Rio San Giovanni	6240.412	tr 100	85.58	162.52	162.91	163.32	164.64	0.057062	10.62	22.79	66.99	6.06
Rio San Giovanni	6240.412	tr 200	99.44	162.52	162.97	163.41	164.74	0.046594	10.71	26.58	67.83	5.63
Rio San Giovanni	6240.412	tr 500	117.91	162.52	163.04	163.52	164.86	0.037441	10.83	31.57	68.91	5.20
Rio San Giovanni	6199.335	tr 50	71.86	161.59	162.35	162.49	163.00	0.017216	6.69	25.18	45.82	3.52
Rio San Giovanni	6199.335	tr 100	85.58	161.59	162.40	162.60	163.17	0.018569	7.23	27.55	58.18	3.69
Rio San Giovanni	6199.335	tr 200	99.44	161.59	162.44	162.69	163.34	0.019825	7.74	30.39	72.55	3.85
Rio San Giovanni	6199.335	tr 500	117.91	161.59	162.48	162.80	163.50	0.022492	8.08	33.58	76.72	4.08
Rio San Giovanni	6157.551	tr 50	71.86	161.32	161.91	162.05	162.43	0.009094	5.64	31.02	65.11	2.67
Rio San Giovanni	6157.551	tr 100	85.58	161.32	161.96	162.13	162.58	0.009284	6.11	34.29	65.45	2.74
Rio San Giovanni	6157.551	tr 200	99.44	161.32	162.00	162.20	162.71	0.009443	6.54	37.38	65.78	2.81
Rio San Giovanni	6157.551	tr 500	117.91	161.32	162.08	162.30	162.86	0.008638	6.84	42.63	66.31	2.74
Rio San Giovanni	6120.118	tr 50	71.86	161.57	160.88	161.12	161.72	0.048440		18.59	50.82	0.00
Rio San Giovanni	6120.118	tr 100	85.58	161.57	160.92	161.19	161.85	0.049258		21.13	52.66	0.00
Rio San Giovanni	6120.118	tr 200	99.44	161.57	160.97	161.26	161.96	0.054789		23.61	53.79	0.00
Rio San Giovanni	6120.118	tr 500	117.91	161.57	161.02	161.35	162.15	0.054943		26.34	54.94	0.00
Rio San Giovanni	6063.382	tr 50	71.86	159.36	160.06	160.27	160.80	0.007216	6.22	32.51	55.07	2.51
Rio San Giovanni	6063.382	tr 100	85.58	159.36	160.14	160.37	160.96	0.006857	6.56	36.86	55.69	2.49
Rio San Giovanni	6063.382	tr 200	99.44	159.36	160.22	160.47	161.10	0.006295	6.78	41.62	56.32	2.44
Rio San Giovanni	6063.382	tr 500	117.91	159.36	160.31	160.59	161.29	0.006112	7.18	46.76	56.87	2.44
Rio San Giovanni	6006.640	tr 50	71.86	158.65	159.41	159.66	160.27	0.011747	7.01	35.47	93.07	3.10
Rio San Giovanni	6006.640	tr 100	85.58	158.65	159.45	159.73	160.43	0.012380	7.56	39.21	93.76	3.22

Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Rio San Giovanni	6006.640	tr 200	99.44	158.65	159.49	159.80	160.58	0.012860	8.05	42.81	94.42	3.32
Rio San Giovanni	6006.640	tr 500	117.91	158.65	159.54	159.88	160.77	0.013413	8.65	47.29	95.24	3.43
Rio San Giovanni	5979.893	tr 50	71.86	158.73	158.88	159.10	159.61	0.049109	3.92	18.88	42.84	4.59
Rio San Giovanni	5979.893	tr 100	85.58	158.73	158.93	159.20	159.75	0.046235	5.11	21.43	43.83	4.79
Rio San Giovanni	5979.893	tr 200	99.44	158.73	158.99	159.28	159.89	0.043700	6.17	23.95	47.63	4.91
Rio San Giovanni	5979.893	tr 500	117.91	158.73	159.06	159.39	160.07	0.040746	7.20	27.55	57.04	4.97
Rio San Giovanni	5953.291	tr 50	71.86	157.54	158.61	158.81	159.25	0.005907	5.87	42.23	91.56	2.28
Rio San Giovanni	5953.291	tr 100	85.58	157.54	158.66	158.88	159.37	0.006217	6.31	46.73	92.63	2.37
Rio San Giovanni	5953.291	tr 200	99.44	157.54	158.70	158.94	159.50	0.006570	6.74	50.76	93.58	2.46
Rio San Giovanni	5953.291	tr 500	117.91	157.54	158.75	159.03	159.68	0.007160	7.33	55.30	94.64	2.59
Rio San Giovanni	5929.370	tr 50	71.86	157.45	157.95	158.35	158.94	0.026634	7.99	24.06	54.94	4.36
Rio San Giovanni	5929.370	tr 100	85.58	157.45	158.06	158.48	159.10	0.018661	8.04	30.37	60.35	3.82
Rio San Giovanni	5929.370	tr 200	99.44	157.45	158.14	158.56	159.24	0.015269	8.18	35.76	63.68	3.56
Rio San Giovanni	5929.370	tr 500	117.91	157.45	158.29	158.70	159.44	0.011356	8.26	46.25	82.60	3.19
Rio San Giovanni	5909.507	tr 50	71.86	157.29	158.42	157.80	158.47	0.001438	1.02	79.98	98.63	0.31
Rio San Giovanni	5909.507	tr 100	85.58	157.29	158.51	157.88	158.56	0.001605	1.13	88.60	109.17	0.33
Rio San Giovanni	5909.507	tr 200	99.44	157.29	158.57	157.92	158.63	0.001735	1.21	95.51	112.28	0.35
Rio San Giovanni	5909.507	tr 500	117.91	157.29	158.66	157.99	158.72	0.001797	1.29	105.41	113.49	0.36
Rio San Giovanni	5890	Culvert										
Rio San Giovanni	5862.809	tr 50	71.86	155.38	156.82		156.88	0.002086	1.10	64.98	79.10	0.36
Rio San Giovanni	5862.809	tr 100	85.58	155.38	156.94		157.01	0.001889	1.14	75.06	80.34	0.35
Rio San Giovanni	5862.809	tr 200	99.44	155.38	157.06		157.14	0.001757	1.18	84.59	81.52	0.34
Rio San Giovanni	5862.809	tr 500	117.91	155.38	157.21		157.29	0.001632	1.22	96.51	82.46	0.34
Rio San Giovanni	5829.787	tr 50	71.86	154.51	156.45	156.45	156.81	0.001047	3.89	61.48	85.28	1.07
Rio San Giovanni	5829.787	tr 100	85.58	154.51	156.55	156.55	156.94	0.001087	4.15	69.59	85.99	1.10
Rio San Giovanni	5829.787	tr 200	99.44	154.51	156.63	156.63	157.06	0.001123	4.38	77.12	86.58	1.13
Rio San Giovanni	5829.787	tr 500	117.91	154.51	156.74	156.74	157.20	0.001160	4.66	86.59	87.27	1.16
Rio San Giovanni	5762.535	tr 50	71.86	154.41	155.63	155.96	156.61	0.005151	6.36	35.66	72.54	2.22
Rio San Giovanni	5762.535	tr 100	85.58	154.41	155.73	156.06	156.74	0.004694	6.55	43.75	88.81	2.16
Rio San Giovanni	5762.535	tr 200	99.44	154.41	155.80	156.13	156.86	0.004588	6.81	50.36	93.68	2.16
Rio San Giovanni	5762.535	tr 500	117.91	154.41	155.88	156.23	157.00	0.004562	7.15	58.09	96.39	2.18
Rio San Giovanni	5683.757	tr 50	71.86	151.68	154.43	154.15	154.72	0.000400	3.16	72.47	63.72	0.70
Rio San Giovanni	5683.757	tr 100	85.58	151.68	154.51	154.29	154.87	0.000489	3.59	77.40	66.44	0.78
Rio San Giovanni	5683.757	tr 200	99.44	151.68	154.50	154.41	155.00	0.000668	4.18	77.05	66.25	0.91
Rio San Giovanni	5683.757	tr 500	117.91	151.68	154.55	154.51	155.21	0.000886	4.88	79.83	69.97	1.06
Rio San Giovanni	5649.735	tr 50	71.86	151.58	154.05	154.05	154.67	0.000661	4.11	53.31	76.81	0.91
Rio San Giovanni	5649.735	tr 100	85.58	151.58	154.39	154.39	154.85	0.000448	3.74	86.26	110.23	0.77
Rio San Giovanni	5649.735	tr 200	99.44	151.58	154.50	154.50	154.97	0.000463	3.92	98.35	113.03	0.79
Rio San Giovanni	5649.735	tr 500	117.91	151.58	154.69	154.69	155.13	0.000426	3.95	120.67	120.38	0.76
Rio San Giovanni	5602.582	tr 50	71.86	150.69	151.52	152.13	154.36	0.017577	9.94	19.41	43.79	3.92
Rio San Giovanni	5602.582	tr 100	85.58	150.69	151.59	152.24	154.54	0.016111	10.26	22.94	46.60	3.83
Rio San Giovanni	5602.582	tr 200	99.44	150.69	151.67	152.31	154.65	0.014668	10.47	26.66	49.15	3.71
Rio San Giovanni	5602.582	tr 500	117.91	150.69	151.77	152.49	154.81	0.013089	10.70	31.89	53.30	3.58
Rio San Giovanni	5578.024	tr 50	71.86	150.56	151.61	151.61	151.95	0.002229	4.22	50.74	70.42	1.37
Rio San Giovanni	5578.024	tr 100	85.58	150.56	151.70	151.70	152.08	0.002210	4.47	57.39	72.42	1.39
Rio San Giovanni	5578.024	tr 200	99.44	150.56	151.78	151.78	152.20	0.002205	4.70	63.67	74.04	1.40
Rio San Giovanni	5578.024	tr 500	117.91	150.56	151.90	151.90	152.35	0.002156	4.95	72.06	75.87	1.41
Rio San Giovanni	5541.668	tr 50	71.86	150.40	151.33	151.33	151.43	0.003395	2.26	52.77	75.74	1.35
Rio San Giovanni	5541.668	tr 100	85.58	150.40	151.35	151.33	151.48	0.004356	2.61	54.46	76.35	1.54
Rio San Giovanni	5541.668	tr 200	99.44	150.40	151.43	151.33	151.58	0.004194	2.98	60.38	78.46	1.57
Rio San Giovanni	5541.668	tr 500	117.91	150.40	151.52	151.33	151.70	0.004158	3.42	67.47	87.86	1.62
Rio San Giovanni	5501.360	tr 50	71.86	149.77	150.92	151.00	151.30	0.002210	4.46	57.52	101.10	1.48
Rio San Giovanni	5501.360	tr 100	85.58	149.77	151.07	151.07	151.37	0.001545	4.13	73.30	103.05	1.27
Rio San Giovanni	5501.360	tr 200	99.44	149.77	151.14	151.14	151.47	0.001600	4.37	80.18	103.88	1.30
Rio San Giovanni	5501.360	tr 500	117.91	149.77	151.37	151.22	151.62	0.001022	3.94	104.23	106.13	1.07
Rio San Giovanni	5476.022	tr 50	71.86	148.98	150.62	150.79	151.22	0.002536	5.04	42.97	64.09	1.58
Rio San Giovanni	5476.022	tr 100	85.58	148.98	150.78	150.88	151.31	0.001952	4.86	53.84	71.83	1.42
Rio San Giovanni	5476.022	tr 200	99.44	148.98	150.93	150.98	151.41	0.001590	4.75	65.27	76.78	1.30
Rio San Giovanni	5476.022	tr 500	117.91	148.98	151.10	151.10	151.57	0.001358	4.76	78.81	84.16	1.23
Rio San Giovanni	5433.750	tr 50	71.86	147.73	149.17	149.69	150.94	0.006547	7.59	26.11	50.65	2.52
Rio San Giovanni	5433.750	tr 100	85.58	147.73	149.27	149.78	151.05	0.006014	7.79	31.52	62.72	2.45
Rio San Giovanni	5433.750	tr 200	99.44	147.73	149.39	149.87	151.17	0.005314	7.89	40.09	72.95	2.35
Rio San Giovanni	5433.750	tr 500	117.91	147.73	149.49	149.99	151.33	0.005204	8.23	47.27	79.56	2.36
Rio San Giovanni	5376.300	tr 50	71.86	147.15	148.43	148.89	150.55	0.005904	7.81	29.19	81.52	2.45
Rio San Giovanni	5376.300	tr 100	85.58	147.15	148.49	148.96	150.67	0.005969	8.17	34.53	83.58	2.48
Rio San Giovanni	5376.300	tr 200	99.44	147.15	148.55	149.01	150.80	0.006101	8.54	39.24	84.70	2.53

Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Rio San Giovanni	5376.300	tr 500	117.91	147.15	148.62	149.21	150.96	0.006232	8.97	45.12	86.01	2.58
Rio San Giovanni	5319.093	tr 50	71.86	146.16	147.75	148.19	150.18	0.005906	7.92	25.93	93.43	2.36
Rio San Giovanni	5319.093	tr 100	85.58	146.16	147.81	148.33	150.29	0.006011	8.29	32.34	99.25	2.40
Rio San Giovanni	5319.093	tr 200	99.44	146.16	147.87	148.40	150.42	0.006196	8.66	37.70	100.22	2.46
Rio San Giovanni	5319.093	tr 500	117.91	146.16	147.93	148.49	150.57	0.006413	9.11	44.16	101.38	2.52
Rio San Giovanni	5255.656	tr 50	71.86	145.09	146.50	147.05	149.69	0.007157	8.83	21.82	78.42	2.70
Rio San Giovanni	5255.656	tr 100	85.58	145.09	146.56	147.14	149.80	0.007163	9.20	27.44	83.54	2.73
Rio San Giovanni	5255.656	tr 200	99.44	145.09	146.62	147.23	149.92	0.007240	9.56	32.42	85.10	2.77
Rio San Giovanni	5255.656	tr 500	117.91	145.09	146.69	147.31	150.06	0.007329	9.99	38.52	86.81	2.81
Rio San Giovanni	5181.341	tr 50	71.86	144.35	146.63	146.63	146.95	0.000555	3.36	74.35	99.89	0.76
Rio San Giovanni	5181.341	tr 100	85.58	144.35	146.04	146.72	149.31	0.005975	8.72	23.44	69.31	2.37
Rio San Giovanni	5181.341	tr 200	99.44	144.35	146.11	146.80	149.43	0.005965	9.03	28.88	71.37	2.38
Rio San Giovanni	5181.341	tr 500	117.91	144.35	146.20	146.90	149.57	0.005973	9.41	35.44	73.87	2.41
Rio San Giovanni	5130.800	tr 50	71.86	143.92	145.40	145.77	146.79	0.003741	6.58	38.01	97.68	1.98
Rio San Giovanni	5130.800	tr 100	85.58	143.92	145.28	145.84	148.90	0.009969	9.99	26.76	87.38	3.17
Rio San Giovanni	5130.800	tr 200	99.44	143.92	145.34	145.91	149.02	0.009980	10.35	31.97	94.78	3.20
Rio San Giovanni	5130.800	tr 500	117.91	143.92	145.40	145.99	149.15	0.010118	10.82	37.93	97.65	3.25
Rio San Giovanni	5075.290	tr 50	71.86	142.98	144.67	145.27	146.55	0.003077	6.78	24.27	44.09	1.82
Rio San Giovanni	5075.290	tr 100	85.58	142.98	144.54	145.39	148.41	0.006914	9.48	18.56	38.48	2.69
Rio San Giovanni	5075.290	tr 200	99.44	142.98	145.86	145.49	146.06	0.000250	2.90	129.12	109.90	0.58
Rio San Giovanni	5075.290	tr 500	117.91	142.98	146.25	145.60	146.39	0.000165	2.59	172.43	114.01	0.48
Rio San Giovanni	5021.049	tr 50	71.86	141.91	145.36	144.33	145.43	0.000074	1.69	154.52	102.06	0.32
Rio San Giovanni	5021.049	tr 100	85.58	141.91	145.67	144.46	145.73	0.000067	1.72	187.32	114.56	0.31
Rio San Giovanni	5021.049	tr 200	99.44	141.91	145.95		146.01	0.000059	1.70	221.13	120.25	0.29
Rio San Giovanni	5021.049	tr 500	117.91	141.91	146.30		146.36	0.000051	1.69	263.87	124.20	0.28
Rio San Giovanni	4984.191	tr 50	71.86	142.12	144.55	144.53	145.35	0.000954	4.25	20.24	13.34	1.03
Rio San Giovanni	4984.191	tr 100	85.58	142.12	144.77	144.76	145.64	0.000944	4.47	23.26	14.09	1.04
Rio San Giovanni	4984.191	tr 200	99.44	142.12	144.98	144.96	145.92	0.000937	4.65	26.24	14.79	1.04
Rio San Giovanni	4984.191	tr 500	117.91	142.12	145.25	145.22	146.26	0.000908	4.83	30.37	15.72	1.04
Rio San Giovanni	4980		Bridge									
Rio San Giovanni	4974.263	tr 50	71.86	143.47	143.27	143.72	144.67	0.039697		13.72	15.08	0.00
Rio San Giovanni	4974.263	tr 100	85.58	143.47	143.39	144.03	144.94	0.039026		15.50	15.47	0.00
Rio San Giovanni	4974.263	tr 200	99.44	143.47	143.50	144.14	145.20	0.038443	0.36	17.22	16.05	0.89
Rio San Giovanni	4974.263	tr 500	117.91	143.47	143.63	144.38	145.52	0.037552	1.04	19.42	17.10	1.16
Rio San Giovanni	4933.428	tr 50	71.86	140.50	141.88	142.31	144.08	0.006317	8.03	30.39	93.69	2.57
Rio San Giovanni	4933.428	tr 100	85.58	140.50	141.92	142.39	144.32	0.006882	8.61	34.65	94.57	2.70
Rio San Giovanni	4933.428	tr 200	99.44	140.50	141.96	142.46	144.55	0.007415	9.16	38.50	95.16	2.81
Rio San Giovanni	4933.428	tr 500	117.91	140.50	142.01	142.56	144.83	0.008085	9.83	43.12	95.82	2.95
Rio San Giovanni	4852.006	tr 50	71.86	139.76	141.06	141.54	143.40	0.010921	8.99	24.85	62.25	3.10
Rio San Giovanni	4852.006	tr 100	85.58	139.76	141.12	141.58	143.59	0.011544	9.49	28.42	64.94	3.21
Rio San Giovanni	4852.006	tr 200	99.44	139.76	141.16	141.71	143.77	0.012351	9.95	31.59	67.04	3.33
Rio San Giovanni	4852.006	tr 500	117.91	139.76	141.22	141.89	143.98	0.013240	10.48	35.63	69.74	3.47
Rio San Giovanni	4777.650	tr 50	71.86	138.93	139.54	140.00	141.60	0.080937	13.25	14.70	36.43	7.36
Rio San Giovanni	4777.650	tr 100	85.58	138.93	139.60	140.09	141.76	0.072908	13.39	16.93	36.98	7.09
Rio San Giovanni	4777.650	tr 200	99.44	138.93	139.66	140.14	141.89	0.065661	13.46	19.22	37.59	6.82
Rio San Giovanni	4777.650	tr 500	117.91	138.93	139.74	140.35	142.06	0.058211	13.54	22.22	38.37	6.53
Rio San Giovanni	4675.018	tr 50	71.86	137.58	138.62	138.68	138.94	0.009530	5.15	38.21	82.00	2.61
Rio San Giovanni	4675.018	tr 100	85.58	137.58	138.66	138.71	139.02	0.010269	5.36	41.82	83.24	2.72
Rio San Giovanni	4675.018	tr 200	99.44	137.58	138.70	138.73	139.10	0.011005	5.59	45.07	84.18	2.82
Rio San Giovanni	4675.018	tr 500	117.91	137.58	138.75	138.81	139.23	0.011868	6.18	48.88	84.79	2.97
Rio San Giovanni	4586.810	tr 50	71.86	135.32	136.96	137.36	138.40	0.002936	6.39	36.16	80.50	1.79
Rio San Giovanni	4586.810	tr 100	85.58	135.32	137.05	137.45	138.48	0.002861	6.60	43.58	83.02	1.79
Rio San Giovanni	4586.810	tr 200	99.44	135.32	137.13	137.54	138.56	0.002812	6.79	50.39	84.33	1.79
Rio San Giovanni	4586.810	tr 500	117.91	135.32	137.22	137.65	138.69	0.002822	7.09	58.30	85.61	1.81
Rio San Giovanni	4508.690	tr 50	71.86	135.53	135.42	135.76	137.64	0.110761		13.47	73.56	0.00
Rio San Giovanni	4508.690	tr 100	85.58	135.53	135.45	135.82	137.74	0.098194		15.77	75.00	0.00
Rio San Giovanni	4508.690	tr 200	99.44	135.53	135.48	135.87	137.83	0.088813		18.02	76.30	0.00
Rio San Giovanni	4508.690	tr 500	117.91	135.53	135.52	135.93	137.96	0.079461		20.90	77.69	0.00
Rio San Giovanni	4427.632	tr 50	71.86	133.31	134.83	135.33	136.61	0.003962	7.00	26.36	44.87	2.05
Rio San Giovanni	4427.632	tr 100	85.58	133.31	134.94	135.46	136.75	0.003762	7.24	31.35	45.65	2.02
Rio San Giovanni	4427.632	tr 200	99.44	133.31	135.04	135.54	136.87	0.003578	7.43	36.22	46.35	2.00
Rio San Giovanni	4427.632	tr 500	117.91	133.31	135.18	135.80	137.04	0.003383	7.67	42.38	47.19	1.97
Rio San Giovanni	4356.111	tr 50	71.86	132.49	133.71	134.32	136.18	0.006564	8.18	23.14	43.16	2.55
Rio San Giovanni	4356.111	tr 100	85.58	132.49	133.81	134.43	136.33	0.006237	8.47	27.48	44.37	2.52
Rio San Giovanni	4356.111	tr 200	99.44	132.49	133.91	134.55	136.47	0.005936	8.72	31.77	45.53	2.50
Rio San Giovanni	4356.111	tr 500	117.91	132.49	134.02	134.75	136.65	0.005626	9.02	37.22	46.75	2.47

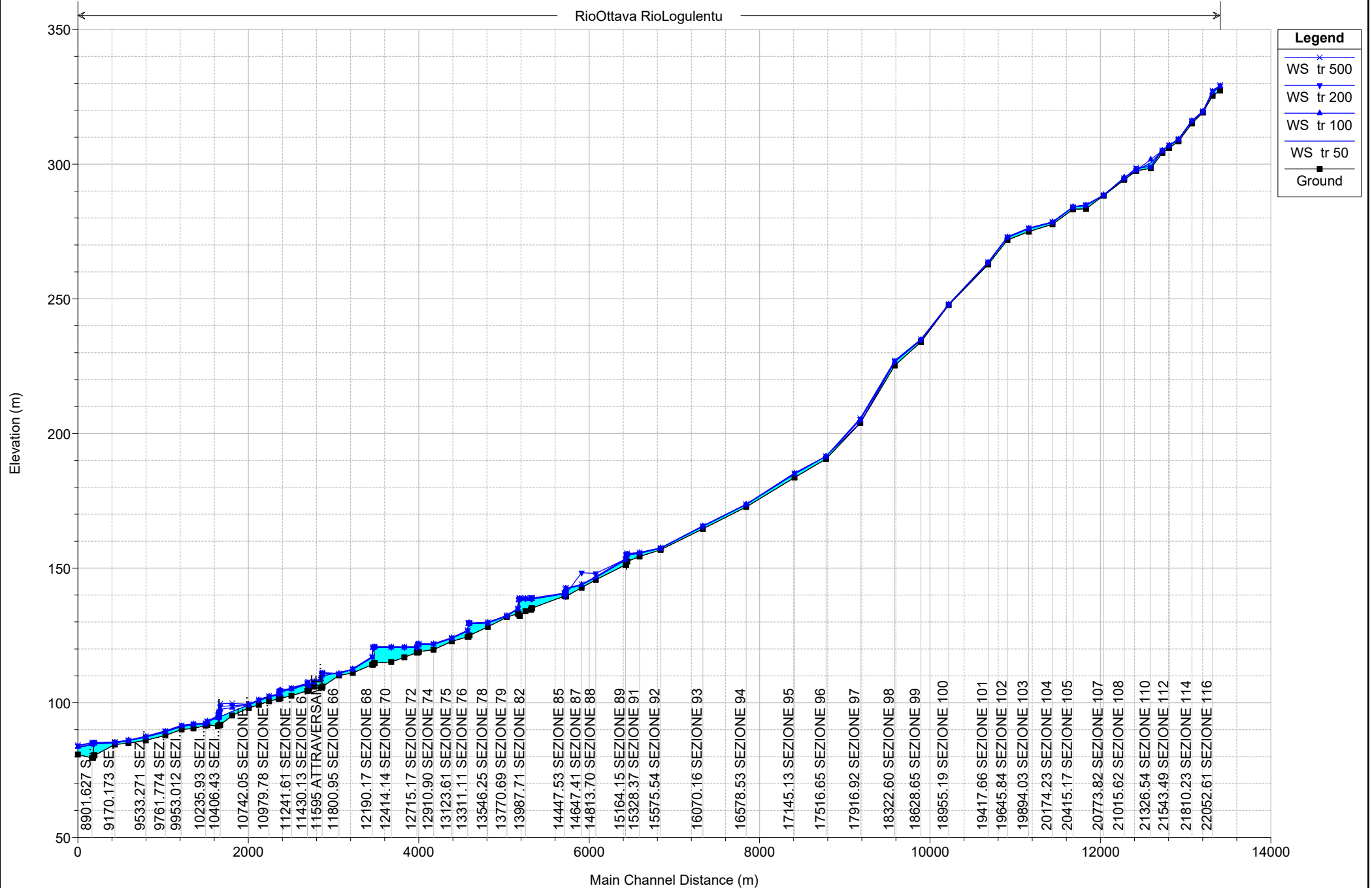
Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Rio San Giovanni	4290.175	tr 50	71.86	132.40	133.20	133.64	135.32	0.025525	9.89	23.27	58.33	4.47
Rio San Giovanni	4290.175	tr 100	85.58	132.40	133.25	133.75	135.53	0.025924	10.39	26.04	58.79	4.55
Rio San Giovanni	4290.175	tr 200	99.44	132.40	133.30	133.85	135.73	0.025169	10.82	28.94	59.13	4.55
Rio San Giovanni	4290.175	tr 500	117.91	132.40	133.36	133.96	135.99	0.023973	11.33	32.74	59.48	4.51
Rio San Giovanni	4246.225	tr 50	71.86	129.62	132.56	131.36	132.76	0.002580	2.01	35.79	23.22	0.48
Rio San Giovanni	4246.225	tr 100	85.58	129.62	130.76	131.55	133.53	0.093915	7.37	11.61	11.33	2.33
Rio San Giovanni	4246.225	tr 200	99.44	129.62	133.38	131.75	133.47	0.000785	1.45	82.17	76.23	0.31
Rio San Giovanni	4246.225	tr 500	117.91	129.62	131.06	131.98	134.18	0.081513	7.82	15.08	11.94	2.22
Rio San Giovanni	4150		Culvert									
Rio San Giovanni	4094.831	tr 50	71.86	128.19	130.61	130.61	131.19	0.000641	3.45	29.78	45.34	0.84
Rio San Giovanni	4094.831	tr 100	85.58	128.19	129.18	130.89	137.99	0.024659	13.14	6.51	7.70	4.56
Rio San Giovanni	4094.831	tr 200	99.44	128.19	131.08	131.08	131.54	0.000475	3.23	58.05	80.42	0.82
Rio San Giovanni	4094.831	tr 500	117.91	128.19	131.27	131.27	131.69	0.000454	3.17	74.90	99.58	0.88
Rio San Giovanni	4046.195	tr 50	71.86	128.69	129.93	130.23	131.07	0.004280	6.43	40.67	96.07	2.06
Rio San Giovanni	4046.195	tr 100	85.58	128.69	129.67	130.35	135.96	0.027541	13.34	19.47	68.84	4.97
Rio San Giovanni	4046.195	tr 200	99.44	128.69	130.02	130.42	131.40	0.004947	7.36	50.30	100.01	2.25
Rio San Giovanni	4046.195	tr 500	117.91	128.69	130.51	130.49	130.90	0.001132	4.50	102.84	118.14	1.14
Rio San Giovanni	4007.603	tr 50	71.86	128.15	130.23	129.62	130.26	0.000142	1.58	169.28	145.29	0.37
Rio San Giovanni	4007.603	tr 100	85.58	128.15	130.40	129.68	130.44	0.000135	1.63	195.99	168.45	0.37
Rio San Giovanni	4007.603	tr 200	99.44	128.15	130.56	129.74	130.59	0.000131	1.69	223.53	183.25	0.37
Rio San Giovanni	4007.603	tr 500	117.91	128.15	130.75	129.81	130.79	0.000129	1.78	260.42	203.31	0.37
Rio San Giovanni	3956.263	tr 50	71.86	127.62	130.18	129.40	130.25	0.000142	1.92	122.52	84.35	0.41
Rio San Giovanni	3956.263	tr 100	85.58	127.62	130.34	129.54	130.42	0.000148	2.06	136.24	85.73	0.42
Rio San Giovanni	3956.263	tr 200	99.44	127.62	130.49	129.63	130.58	0.000154	2.18	149.09	87.00	0.44
Rio San Giovanni	3956.263	tr 500	117.91	127.62	130.67	129.74	130.77	0.000161	2.34	165.00	88.55	0.45
Rio San Giovanni	3922.604	tr 50	84.68	127.72	129.75	129.75	130.21	0.000757	4.08	67.10	68.95	0.96
Rio San Giovanni	3922.604	tr 100	100.37	127.72	129.86	129.86	130.37	0.000817	4.40	74.58	70.86	1.01
Rio San Giovanni	3922.604	tr 200	116.17	127.72	129.98	129.98	130.52	0.000819	4.60	83.77	73.68	1.02
Rio San Giovanni	3922.604	tr 500	137.18	127.72	130.12	130.12	130.71	0.000847	4.88	94.26	76.37	1.05
Rio San Giovanni	3822.429	tr 50	84.68	125.14	126.46	127.02	129.70	0.042877	14.36	19.34	41.02	5.63
Rio San Giovanni	3822.429	tr 100	100.37	125.14	126.52	127.12	129.84	0.042957	14.78	21.73	41.73	5.67
Rio San Giovanni	3822.429	tr 200	116.17	125.14	126.58	127.21	129.99	0.042878	15.16	24.03	42.41	5.70
Rio San Giovanni	3822.429	tr 500	137.18	125.14	126.65	127.34	130.16	0.042404	15.55	26.98	43.13	5.72
Rio San Giovanni	3730.957	tr 50	84.68	124.71	125.24	125.40	125.81	0.028218	6.94	26.60	68.26	4.17
Rio San Giovanni	3730.957	tr 100	100.37	124.71	125.28	125.45	125.93	0.028533	7.32	29.49	70.27	4.25
Rio San Giovanni	3730.957	tr 200	116.17	124.71	125.32	125.51	126.05	0.028984	7.69	32.22	72.59	4.32
Rio San Giovanni	3730.957	tr 500	137.18	124.71	125.36	125.60	126.20	0.029650	8.12	35.40	73.73	4.42
Rio San Giovanni	3666.542	tr 50	84.68	122.70	124.85	125.04	125.49	0.001812	5.01	50.84	82.92	1.40
Rio San Giovanni	3666.542	tr 100	100.37	122.70	124.95	125.14	125.62	0.001815	5.25	58.81	84.13	1.41
Rio San Giovanni	3666.542	tr 200	116.17	122.70	125.04	125.22	125.74	0.001789	5.45	66.73	85.52	1.42
Rio San Giovanni	3666.542	tr 500	137.18	122.70	125.17	125.35	125.87	0.001693	5.60	77.91	87.47	1.40
Rio San Giovanni	3614.743	tr 50	84.68	122.51	123.12	123.50	125.07	0.107856	12.12	15.70	48.52	7.28
Rio San Giovanni	3614.743	tr 100	100.37	122.51	123.17	123.57	125.19	0.100287	12.17	18.06	54.54	7.18
Rio San Giovanni	3614.743	tr 200	116.17	122.51	123.21	123.62	125.31	0.094489	12.27	20.45	59.44	7.09
Rio San Giovanni	3614.743	tr 500	137.18	122.51	124.38	123.69	124.49	0.000623	2.66	122.74	134.87	0.77
Rio San Giovanni	3526.530	tr 50	84.68	120.72	123.07	122.35	123.14	0.000229	2.01	109.72	78.28	0.48
Rio San Giovanni	3526.530	tr 100	100.37	120.72	123.81	122.44	123.85	0.000079	1.49	168.99	82.55	0.30
Rio San Giovanni	3526.530	tr 200	116.17	120.72	124.18	122.53	124.22	0.000062	1.44	200.46	84.71	0.27
Rio San Giovanni	3526.530	tr 500	137.18	120.72	124.41	122.64	124.46	0.000064	1.54	220.18	85.83	0.28
Rio San Giovanni	3434.478	tr 50	84.68	120.48	123.10	121.55	123.12	0.000042	1.08	169.06	91.30	0.23
Rio San Giovanni	3434.478	tr 100	100.37	120.48	123.82	121.62	123.84	0.000022	0.93	236.78	96.08	0.17
Rio San Giovanni	3434.478	tr 200	116.17	120.48	124.19	121.66	124.21	0.000019	0.95	273.22	98.39	0.17
Rio San Giovanni	3434.478	tr 500	137.18	120.48	124.43	121.75	124.45	0.000021	1.04	296.32	100.21	0.18
Rio San Giovanni	3391.041	tr 50	84.68	118.00	123.08	121.14	123.12	0.000041	1.08	120.27	54.42	0.17
Rio San Giovanni	3391.041	tr 100	100.37	118.00	123.81	121.28	123.83	0.000027	0.92	161.89	60.12	0.15
Rio San Giovanni	3391.041	tr 200	116.17	118.00	124.19	121.42	124.21	0.000029	0.77	185.21	63.44	0.12
Rio San Giovanni	3391.041	tr 500	137.18	118.00	124.42	121.62	124.45	0.000036	0.76	200.18	66.17	0.12
Rio San Giovanni	3350		Bridge									
Rio San Giovanni	3308.381	tr 50	84.68	117.63	121.79	119.62	121.80	0.000042	0.70	176.98	79.43	0.12
Rio San Giovanni	3308.381	tr 100	100.37	117.63	121.96	119.72	121.99	0.000047	0.77	191.36	82.01	0.13
Rio San Giovanni	3308.381	tr 200	116.17	117.63	122.05	119.83	122.08	0.000057	0.86	198.56	83.44	0.14
Rio San Giovanni	3308.381	tr 500	137.18	117.63	122.17	119.94	122.20	0.000069	0.97	208.27	84.44	0.16
Rio San Giovanni	3280		Bridge									
Rio San Giovanni	3260.807	tr 50	84.68	117.15	117.66	118.13	120.14	0.113621	7.02	12.40	40.30	3.87

Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Rio San Giovanni	3260.807	tr 100	100.37	117.15	117.69	118.20	120.54	0.113933	7.53	13.77	41.23	3.98
Rio San Giovanni	3260.807	tr 200	116.17	117.15	117.74	118.26	120.65	0.098773	7.62	15.88	43.05	3.82
Rio San Giovanni	3260.807	tr 500	137.18	117.15	117.81	118.34	120.72	0.082310	7.64	19.04	49.41	3.61
Rio San Giovanni	3158.768	tr 50	84.68	115.85	117.05	117.05	117.12	0.000739	2.19	84.37	68.00	0.76
Rio San Giovanni	3158.768	tr 100	100.37	115.85	117.05	117.05	117.15	0.001038	2.60	84.37	68.00	0.91
Rio San Giovanni	3158.768	tr 200	116.17	115.85	117.05	117.05	117.18	0.001391	3.01	84.37	68.00	1.05
Rio San Giovanni	3158.768	tr 500	137.18	115.85	117.05	117.05	117.23	0.001939	3.55	84.37	68.00	1.24
Rio San Giovanni	3095.443	tr 50	84.68	114.27	115.32	115.74	116.85	0.009091	8.05	37.99	93.89	2.91
Rio San Giovanni	3095.443	tr 100	100.37	114.27	115.40	115.79	116.86	0.008140	8.11	45.36	97.12	2.80
Rio San Giovanni	3095.443	tr 200	116.17	114.27	115.47	115.86	116.88	0.007361	8.16	52.67	99.46	2.70
Rio San Giovanni	3095.443	tr 500	137.18	114.27	115.57	115.96	116.91	0.006518	8.19	62.21	101.30	2.58
Rio San Giovanni	2895.087	tr 50	84.68	111.55	112.88	113.37	115.21	0.006834	8.48	29.13	67.52	2.65
Rio San Giovanni	2895.087	tr 100	100.37	111.55	112.95	113.46	115.30	0.006709	8.78	34.12	70.96	2.65
Rio San Giovanni	2895.087	tr 200	116.17	111.55	113.02	113.54	115.39	0.006620	9.06	38.85	73.97	2.66
Rio San Giovanni	2895.087	tr 500	137.18	111.55	113.10	113.65	115.50	0.006530	9.39	44.76	77.17	2.67
Rio San Giovanni	2768.166	tr 50	84.68	110.14	111.73	112.40	114.52	0.003974	8.08	24.74	54.95	2.13
Rio San Giovanni	2768.166	tr 100	100.37	110.14	111.86	112.52	114.64	0.003705	8.28	33.52	70.37	2.09
Rio San Giovanni	2768.166	tr 200	116.17	110.14	111.96	112.63	114.74	0.003649	8.53	40.20	73.83	2.10
Rio San Giovanni	2768.166	tr 500	137.18	110.14	112.07	112.76	114.86	0.003597	8.84	48.53	77.41	2.10
Rio San Giovanni	2648.329	tr 50	84.68	108.42	109.53	110.19	113.58	0.013743	10.79	23.00	59.78	3.65
Rio San Giovanni	2648.329	tr 100	100.37	108.42	109.60	110.30	113.74	0.013459	11.21	27.08	60.73	3.66
Rio San Giovanni	2648.329	tr 200	116.17	108.42	109.66	110.41	113.85	0.013063	11.54	31.10	61.47	3.64
Rio San Giovanni	2648.329	tr 500	137.18	108.42	109.74	110.54	113.98	0.012570	11.91	36.20	62.16	3.62
Rio San Giovanni	2492.250	tr 50	84.68	107.31	107.26	107.51	108.07	0.094646		21.30	70.01	0.00
Rio San Giovanni	2492.250	tr 100	100.37	107.31	107.29	107.56	108.23	0.100176		23.32	71.01	0.00
Rio San Giovanni	2492.250	tr 200	116.17	107.31	107.32	107.61	108.40	0.106179	0.41	25.15	71.98	3.48
Rio San Giovanni	2492.250	tr 500	137.18	107.31	107.35	107.67	108.63	0.113603	2.18	27.34	73.13	5.42
Rio San Giovanni	2371.082	tr 50	84.68	104.87	106.51	106.71	107.28	0.002169	5.45	48.53	63.58	1.55
Rio San Giovanni	2371.082	tr 100	100.37	104.87	106.62	106.79	107.42	0.002134	5.69	55.28	64.71	1.56
Rio San Giovanni	2371.082	tr 200	116.17	104.87	106.71	106.87	107.56	0.002115	5.93	61.65	65.75	1.56
Rio San Giovanni	2371.082	tr 500	137.18	104.87	106.86	107.16	107.75	0.002054	6.20	71.30	70.69	1.56
Rio San Giovanni	2271.106	tr 50	84.68	102.65	103.38	103.95	106.50	0.028280	11.42	24.32	62.82	4.86
Rio San Giovanni	2271.106	tr 100	100.37	102.65	103.44	104.04	106.66	0.026241	11.78	28.29	67.86	4.76
Rio San Giovanni	2271.106	tr 200	116.17	102.65	103.52	104.13	106.80	0.023224	11.99	33.92	72.62	4.57
Rio San Giovanni	2271.106	tr 500	137.18	102.65	103.58	104.26	107.01	0.022484	12.48	38.42	73.05	4.56
Rio San Giovanni	2172.411	tr 50	84.68	101.17	102.57	103.06	104.94	0.008161	8.42	34.68	92.71	2.56
Rio San Giovanni	2172.411	tr 100	100.37	101.17	102.63	103.14	105.09	0.008489	8.88	39.92	93.35	2.63
Rio San Giovanni	2172.411	tr 200	116.17	101.17	102.68	103.22	105.28	0.008933	9.36	44.43	93.91	2.72
Rio San Giovanni	2172.411	tr 500	137.18	101.17	102.74	103.32	105.47	0.009289	9.87	50.32	94.59	2.80
Rio San Giovanni	2080.271	tr 50	84.68	100.07	100.95	101.52	103.91	0.013721	10.01	25.11	60.09	3.57
Rio San Giovanni	2080.271	tr 100	100.37	100.07	101.01	101.63	104.06	0.013314	10.40	29.13	61.26	3.56
Rio San Giovanni	2080.271	tr 200	116.17	100.07	101.07	101.73	104.23	0.013111	10.79	32.84	62.18	3.58
Rio San Giovanni	2080.271	tr 500	137.18	100.07	101.15	101.85	104.42	0.012713	11.21	37.70	63.28	3.57
Rio San Giovanni	1984.342	tr 50	84.68	98.77	100.07	100.60	102.69	0.010031	9.26	28.30	65.37	3.12
Rio San Giovanni	1984.342	tr 100	100.37	98.77	100.13	100.71	102.86	0.010040	9.70	32.48	66.38	3.15
Rio San Giovanni	1984.342	tr 200	116.17	98.77	100.19	100.80	103.04	0.010110	10.12	36.33	67.03	3.20
Rio San Giovanni	1984.342	tr 500	137.18	98.77	100.26	100.92	103.25	0.010115	10.59	41.25	67.86	3.23
Rio San Giovanni	1891.430	tr 50	84.68	97.53	99.02	99.73	101.92	0.006671	8.83	25.16	50.68	2.61
Rio San Giovanni	1891.430	tr 100	100.37	97.53	99.11	99.84	102.09	0.006584	9.20	29.66	52.29	2.63
Rio San Giovanni	1891.430	tr 200	116.17	97.53	99.19	99.96	102.27	0.006540	9.56	33.90	53.78	2.65
Rio San Giovanni	1891.430	tr 500	137.18	97.53	99.30	100.11	102.49	0.006397	9.96	39.89	57.72	2.65
Rio San Giovanni	1809.332	tr 50	84.68	98.35	98.31	98.71	100.15	0.126943		14.59	40.23	0.00
Rio San Giovanni	1809.332	tr 100	100.37	98.35	98.36	98.78	100.37	0.125202	1.06	16.65	42.34	4.69
Rio San Giovanni	1809.332	tr 200	116.17	98.35	98.41	98.85	100.58	0.124673	3.23	18.66	48.45	6.19
Rio San Giovanni	1809.332	tr 500	137.18	98.35	98.46	98.93	100.85	0.126577	3.86	21.30	53.62	6.51
Rio San Giovanni	1743.895	tr 50	84.68	95.20	98.88	98.22	99.00	0.001899	1.70	61.61	71.71	0.41
Rio San Giovanni	1743.895	tr 100	100.37	95.20	98.98	98.39	99.11	0.002039	1.83	68.97	74.50	0.43
Rio San Giovanni	1743.895	tr 200	116.17	95.20	99.07	98.52	99.22	0.002157	1.94	76.06	77.03	0.44
Rio San Giovanni	1743.895	tr 500	137.18	95.20	99.18	98.65	99.35	0.002307	2.08	84.68	79.97	0.46
Rio San Giovanni	1700		Culvert									
Rio San Giovanni	1695.408	tr 50	84.68	94.80	96.59	96.58	96.82	0.007762	2.87	47.29	83.42	0.93
Rio San Giovanni	1695.408	tr 100	100.37	94.80	96.66	96.64	96.91	0.007503	2.96	53.62	84.37	0.92
Rio San Giovanni	1695.408	tr 200	116.17	94.80	96.72	96.70	96.99	0.007755	3.12	58.40	84.89	0.95
Rio San Giovanni	1695.408	tr 500	137.18	94.80	96.78	96.77	97.09	0.008272	3.34	63.73	85.45	0.99
Rio San Giovanni	1488.506	tr 50	94.95	93.93	94.46	94.46	94.86	0.011471	4.55	37.24	67.07	2.75
Rio San Giovanni	1488.506	tr 100	112.44	93.93	94.54	94.54	95.01	0.011108	5.26	42.40	68.61	2.82

Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Rio San Giovanni	1488.506	tr 200	130.05	93.93	94.63	94.63	95.15	0.009981	5.79	48.60	70.42	2.78
Rio San Giovanni	1488.506	tr 500	153.46	93.93	94.75	94.75	95.33	0.008562	6.30	57.23	72.77	2.68
Rio San Giovanni	1372.647	tr 50	94.95	92.58	93.51	93.59	94.03	0.004800	5.61	49.34	71.88	2.10
Rio San Giovanni	1372.647	tr 100	112.44	92.58	93.59	93.70	94.18	0.004786	6.01	55.24	73.51	2.13
Rio San Giovanni	1372.647	tr 200	130.05	92.58	93.66	93.81	94.34	0.004978	6.45	60.08	74.88	2.20
Rio San Giovanni	1372.647	tr 500	153.46	92.58	93.73	93.94	94.54	0.005291	7.03	65.76	76.45	2.30
Rio San Giovanni	1214.271	tr 50	94.95	90.11	93.27	91.48	93.28	0.000017	0.46	254.55	143.79	0.09
Rio San Giovanni	1214.271	tr 100	112.44	90.11	93.37	91.60	93.38	0.000020	0.51	268.12	147.75	0.10
Rio San Giovanni	1214.271	tr 200	130.05	90.11	93.45	91.66	93.47	0.000024	0.57	281.07	151.39	0.11
Rio San Giovanni	1214.271	tr 500	153.46	90.11	93.54	91.72	93.55	0.000029	0.64	293.81	154.87	0.12
Rio San Giovanni	1200	Culvert										
Rio San Giovanni	1185.518	tr 50	94.95	89.57	91.09	91.09	91.33	0.005394	2.69	52.50	95.36	0.88
Rio San Giovanni	1185.518	tr 100	112.44	89.57	91.15	91.15	91.42	0.005554	2.85	58.50	96.79	0.90
Rio San Giovanni	1185.518	tr 200	130.05	89.57	91.20	91.20	91.50	0.005855	3.02	63.52	97.95	0.93
Rio San Giovanni	1185.518	tr 500	153.46	89.57	91.28	91.28	91.60	0.005831	3.16	71.21	99.71	0.94
Rio San Giovanni	1140.801	tr 50	94.95	89.78	90.68	90.68	90.94	0.004539	4.61	59.74	93.99	1.98
Rio San Giovanni	1140.801	tr 100	112.44	89.78	90.68	90.68	91.05	0.006364	5.46	59.75	93.99	2.34
Rio San Giovanni	1140.801	tr 200	130.05	89.78	90.68	90.75	91.17	0.008502	6.32	59.78	94.00	2.71
Rio San Giovanni	1140.801	tr 500	153.46	89.78	90.82	90.86	91.31	0.006461	6.32	72.77	98.61	2.43
Rio San Giovanni	1038.829	tr 50	94.95	89.03	89.69	89.82	90.19	0.012761	6.29	43.18	92.67	3.11
Rio San Giovanni	1038.829	tr 100	112.44	89.03	89.81	89.90	90.28	0.008705	6.11	54.01	95.25	2.67
Rio San Giovanni	1038.829	tr 200	130.05	89.03	89.91	89.96	90.38	0.006968	6.12	63.49	97.56	2.46
Rio San Giovanni	1038.829	tr 500	153.46	89.03	89.94	90.07	90.55	0.008378	6.93	66.51	98.29	2.72
Rio San Giovanni	976.7069	tr 50	94.95	88.65	88.98	88.88	89.10	0.007766	3.39	67.69	160.31	2.21
Rio San Giovanni	976.7069	tr 100	112.44	88.65	88.82	88.91	89.19	0.047725	4.94	43.09	153.18	4.81
Rio San Giovanni	976.7069	tr 200	130.05	88.65	88.81	88.95	89.35	0.077705	5.87	40.59	152.45	6.03
Rio San Giovanni	976.7069	tr 500	153.46	88.65	88.85	89.00	89.41	0.063375	6.36	47.75	154.56	5.70
Rio San Giovanni	910.2315	tr 50	94.95	87.87	88.69	88.45	88.78	0.003209	3.30	99.47	203.75	1.57
Rio San Giovanni	910.2315	tr 100	112.44	87.87	88.77	88.49	88.86	0.002701	3.39	116.30	205.18	1.48
Rio San Giovanni	910.2315	tr 200	130.05	87.87	88.83	88.53	88.94	0.002511	3.53	129.91	206.17	1.46
Rio San Giovanni	910.2315	tr 500	153.46	87.87	88.92	88.57	89.03	0.002278	3.68	158.57	244.25	1.42
Rio San Giovanni	847.9926	tr 50	94.95	87.51	88.40	88.34	88.61	0.002057	3.98	91.04	144.97	1.38
Rio San Giovanni	847.9926	tr 100	112.44	87.51	88.50	88.40	88.71	0.001920	4.12	112.05	196.70	1.35
Rio San Giovanni	847.9926	tr 200	130.05	87.51	88.57	88.46	88.79	0.001857	4.26	126.78	203.45	1.35
Rio San Giovanni	847.9926	tr 500	153.46	87.51	88.68	88.49	88.90	0.001633	4.29	150.64	212.67	1.29
Rio San Giovanni	730.7009	tr 50	94.95	86.90	87.91	87.91	88.27	0.003703	4.94	62.36	111.40	1.84
Rio San Giovanni	730.7009	tr 100	112.44	86.90	88.00	88.00	88.39	0.003497	5.19	72.81	117.71	1.82
Rio San Giovanni	730.7009	tr 200	130.05	86.90	88.12	88.12	88.50	0.002946	5.20	87.29	127.21	1.71
Rio San Giovanni	730.7009	tr 500	153.46	86.90	88.23	88.23	88.63	0.002721	5.39	101.89	132.41	1.68
Rio San Giovanni	622.0302	tr 50	94.95	85.20	85.93	86.39	87.47	0.011876	8.52	30.57	41.68	3.27
Rio San Giovanni	622.0302	tr 100	112.44	85.20	86.06	86.56	87.68	0.009937	8.70	35.82	42.51	3.08
Rio San Giovanni	622.0302	tr 200	130.05	85.20	86.18	86.70	87.87	0.008444	8.83	41.24	43.46	2.90
Rio San Giovanni	622.0302	tr 500	153.46	85.20	86.37	86.88	88.07	0.006646	8.83	49.45	45.64	2.65
Rio San Giovanni	458.8359	tr 50	94.95	82.50	85.80	84.61	85.82	0.000252	0.74	161.85	88.88	0.15
Rio San Giovanni	458.8359	tr 100	112.44	82.50	85.90	84.61	85.92	0.000301	0.83	170.53	89.84	0.16
Rio San Giovanni	458.8359	tr 200	130.05	82.50	85.99	84.61	86.02	0.000350	0.91	178.96	91.04	0.17
Rio San Giovanni	458.8359	tr 500	153.46	82.50	86.12	84.61	86.15	0.000408	1.01	190.01	92.61	0.19
Rio San Giovanni	435	Culvert										
Rio San Giovanni	415.9577	tr 50	94.95	81.99	83.44	83.44	83.73	0.017118	2.58	41.08	71.85	0.99
Rio San Giovanni	415.9577	tr 100	112.44	81.99	83.51	83.51	83.83	0.017217	2.74	45.76	73.19	1.01
Rio San Giovanni	415.9577	tr 200	130.05	81.99	83.58	83.58	83.93	0.016832	2.86	50.72	74.84	1.01
Rio San Giovanni	415.9577	tr 500	153.46	81.99	83.67	83.67	84.05	0.015945	2.98	57.63	77.39	1.00
Rio San Giovanni	237.4459	tr 50	94.95	80.85	82.79	82.08	82.88	0.000306	2.43	144.51	108.31	0.60
Rio San Giovanni	237.4459	tr 100	112.44	80.85	83.05	82.17	83.14	0.000250	2.42	173.33	112.39	0.56
Rio San Giovanni	237.4459	tr 200	130.05	80.85	83.40	82.25	83.47	0.000181	2.30	212.77	117.09	0.49
Rio San Giovanni	237.4459	tr 500	153.46	80.85	83.69	82.36	83.76	0.000160	2.34	247.30	120.05	0.47

RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI

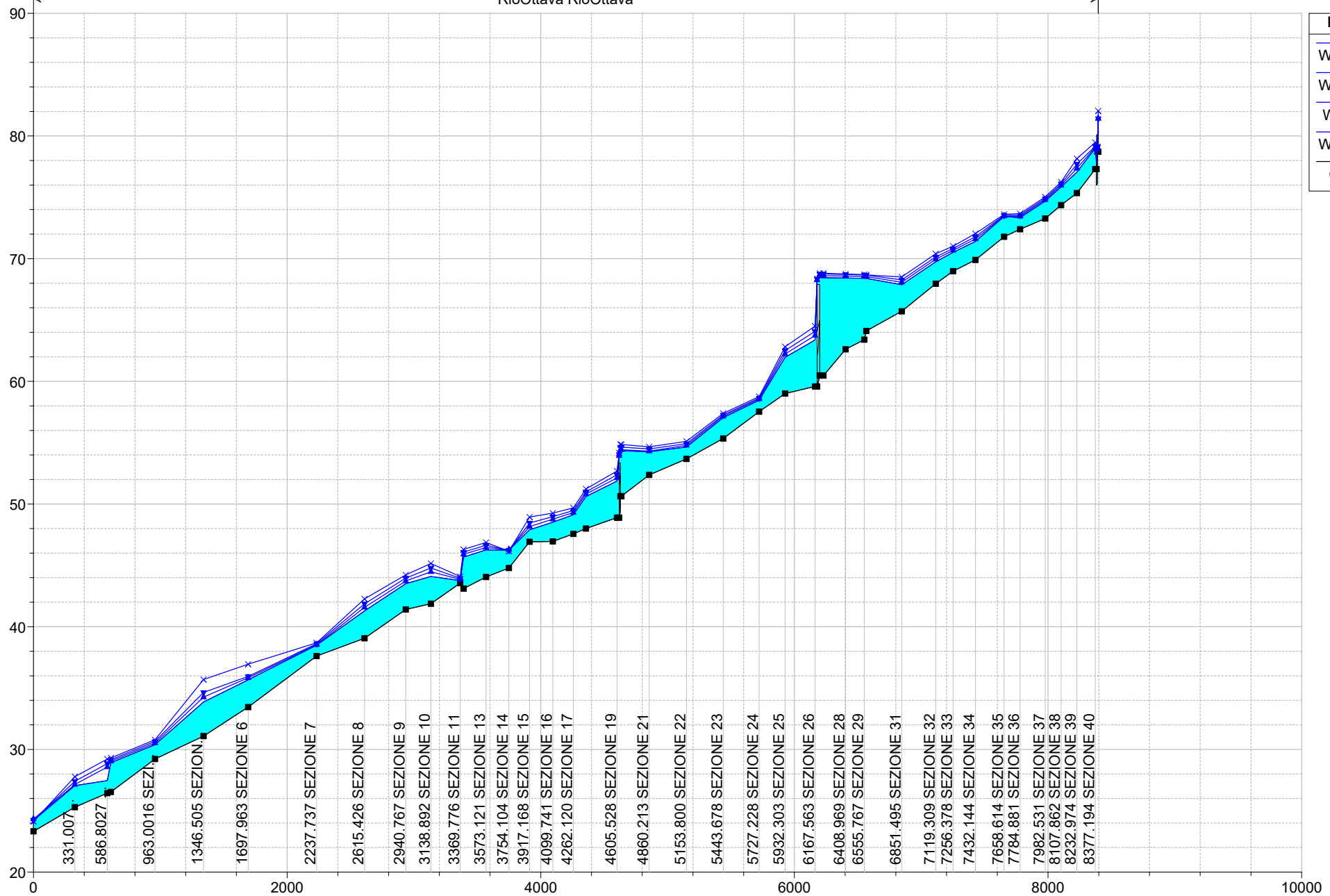


RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI

RioOttava RioOttava

Elevation (m)

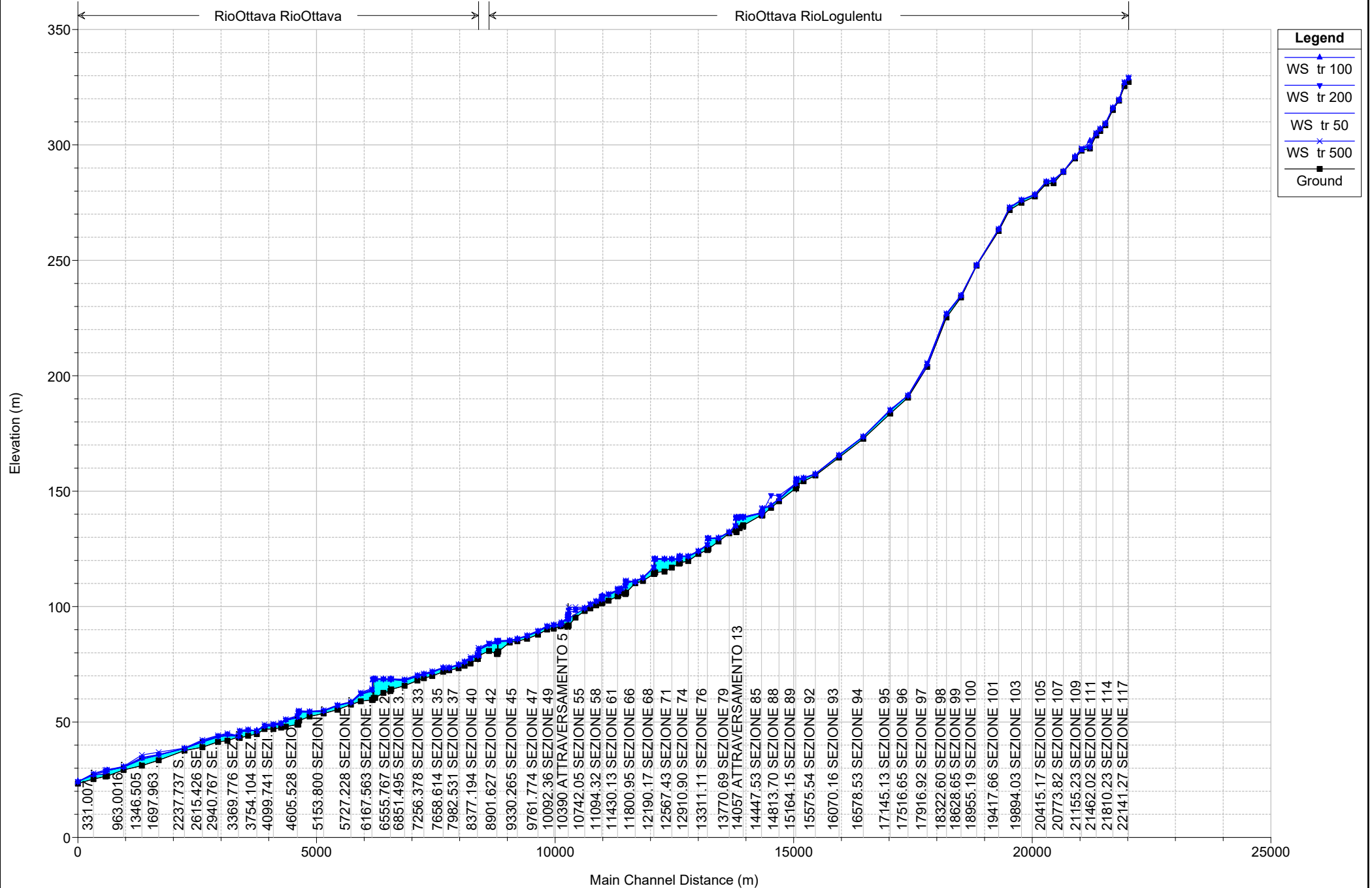


Legend	
WS tr 100	
WS tr 200	
WS tr 50	
WS tr 500	
Ground	

Main Channel Distance (m)

RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

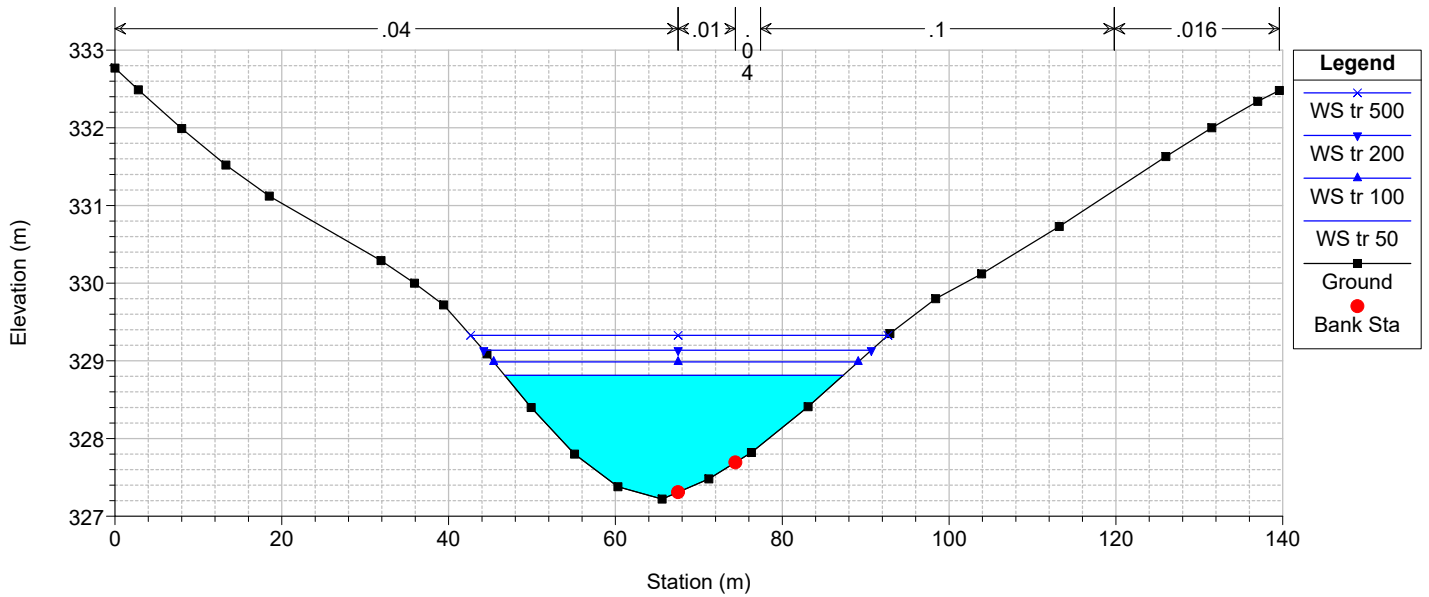
Geom: 05022021 Flow: 05022021 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

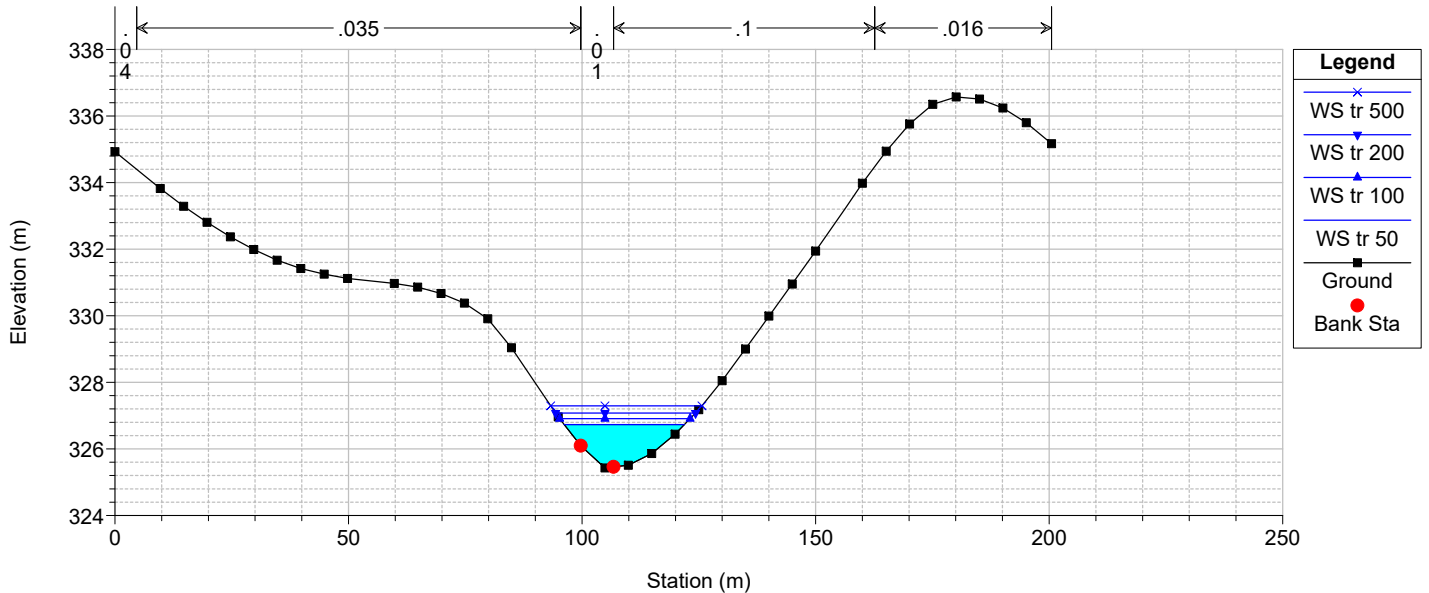
River = RioOttava Reach = RioLogulentu RS = 22141.27 SEZIONE 117 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

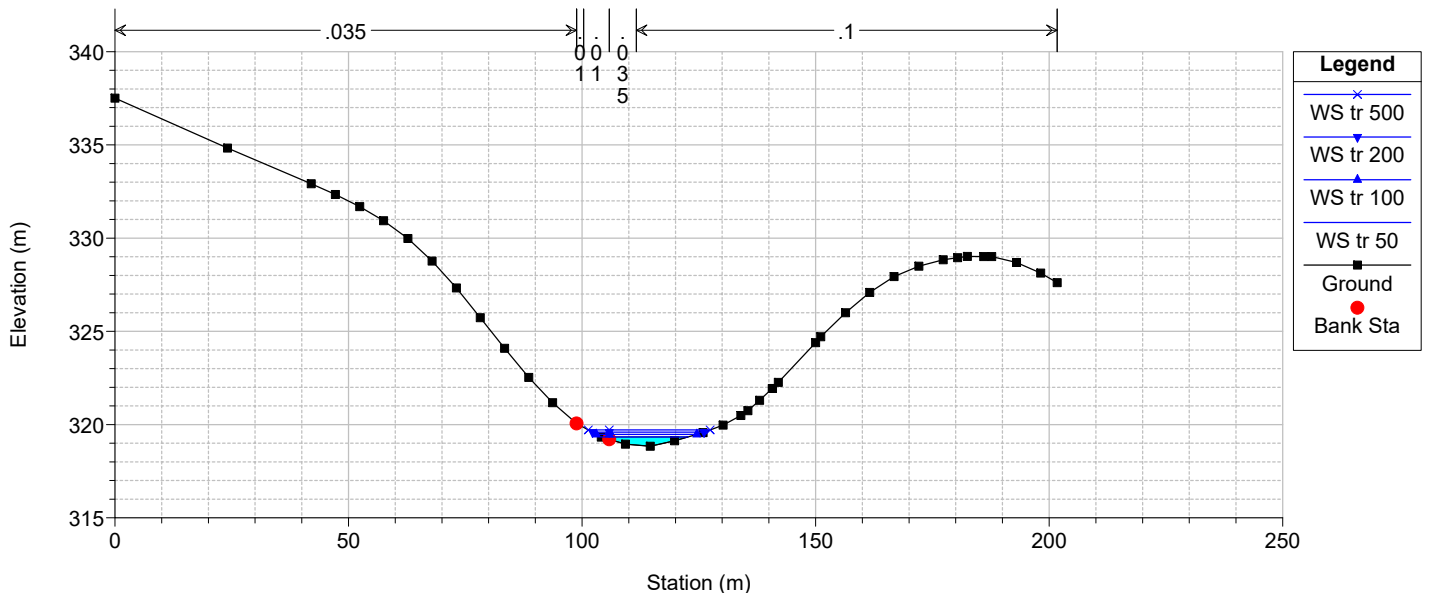
River = RioOttava Reach = RioLogulentu RS = 22052.61 SEZIONE 116 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

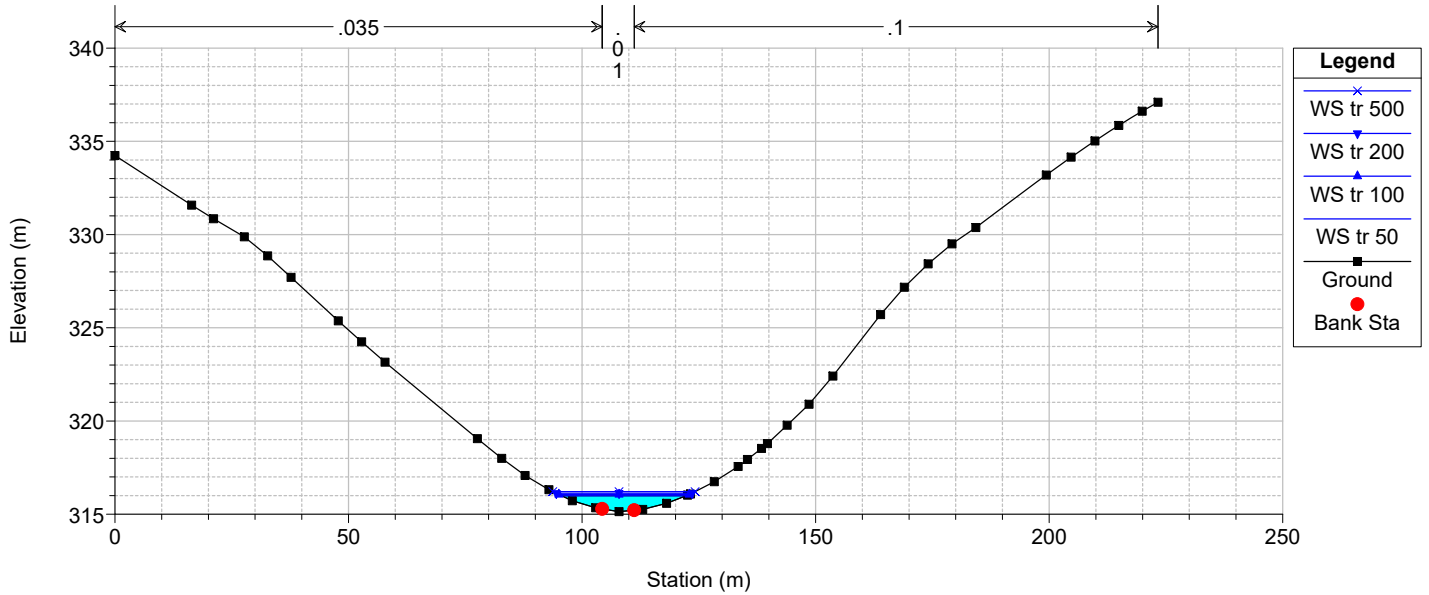
River = RioOttava Reach = RioLogulentu RS = 21938.68 SEZIONE 115 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

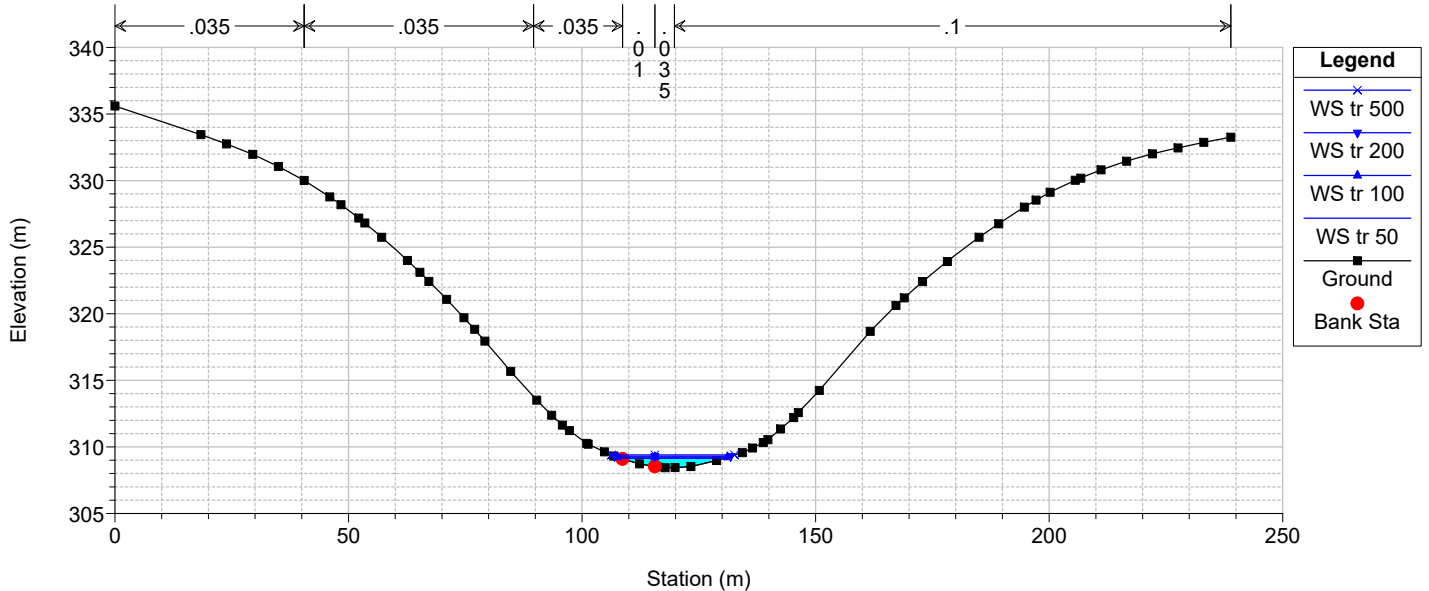
River = RioOttava Reach = RioLogulentu RS = 21810.23 SEZIONE 114 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

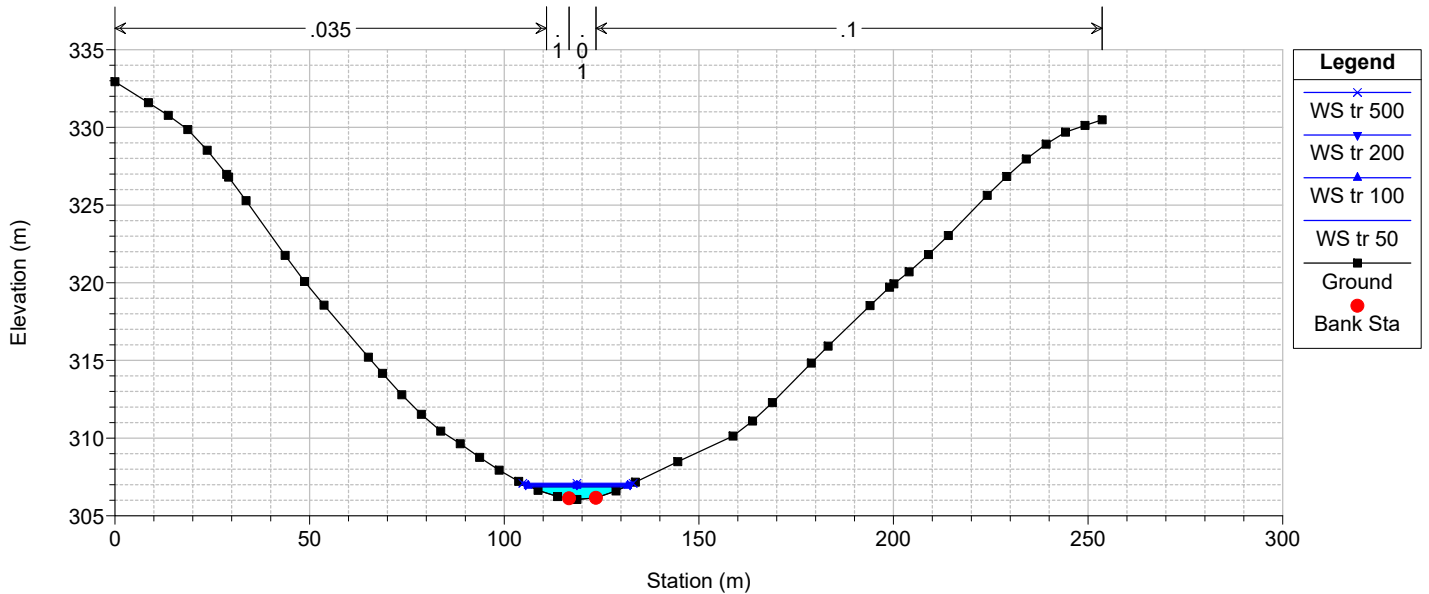
River = RioOttava Reach = RioLogulentu RS = 21652.75 SEZIONE 113 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

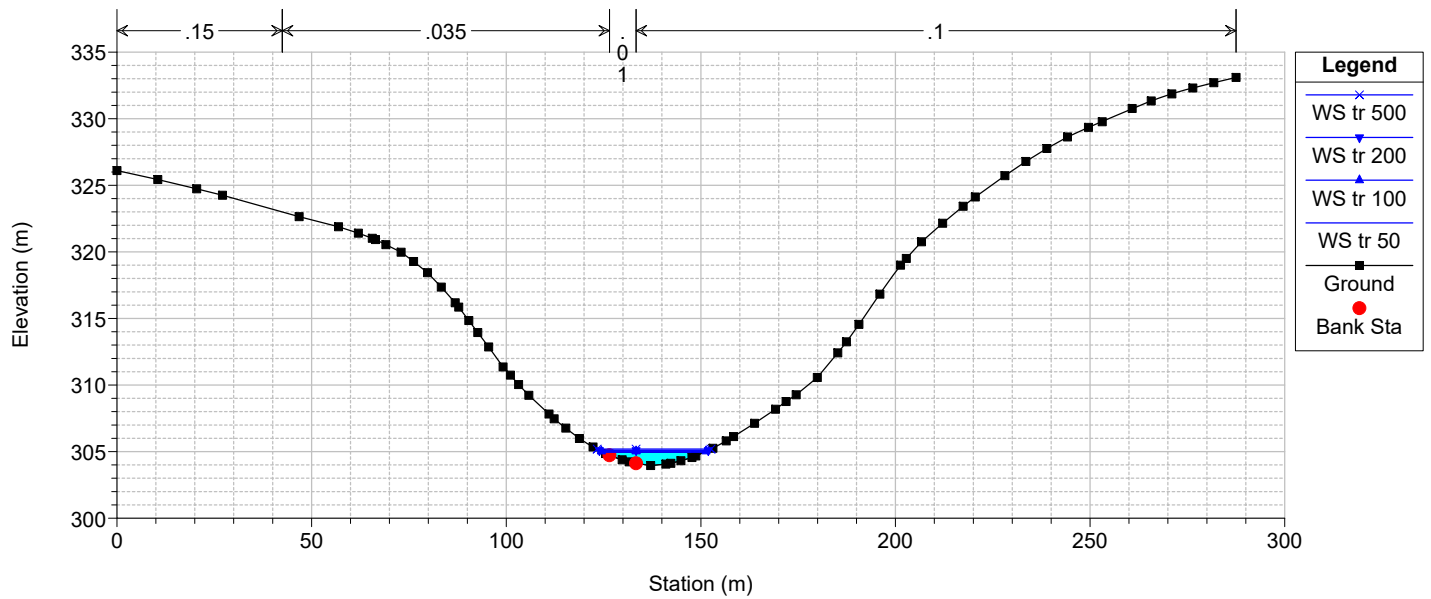
River = RioOttava Reach = RioLogulentu RS = 21543.49 SEZIONE 112 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

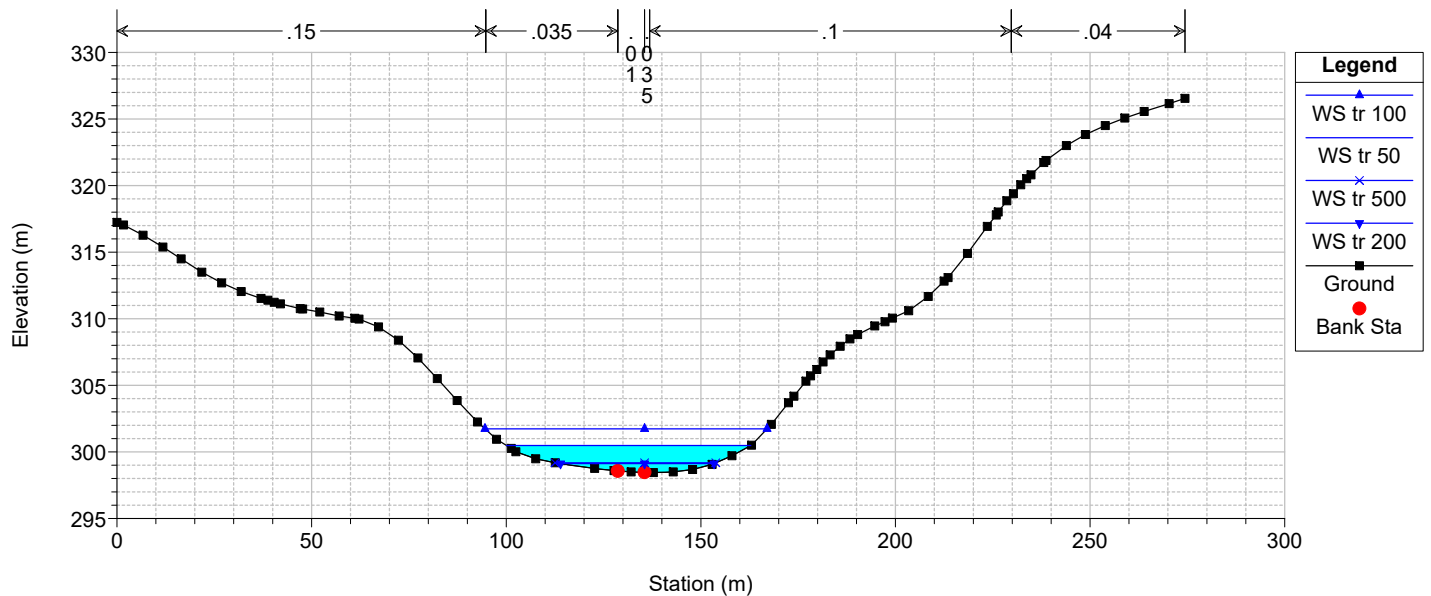
River = RioOttava Reach = RioLogulentu RS = 21462.02 SEZIONE 111 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

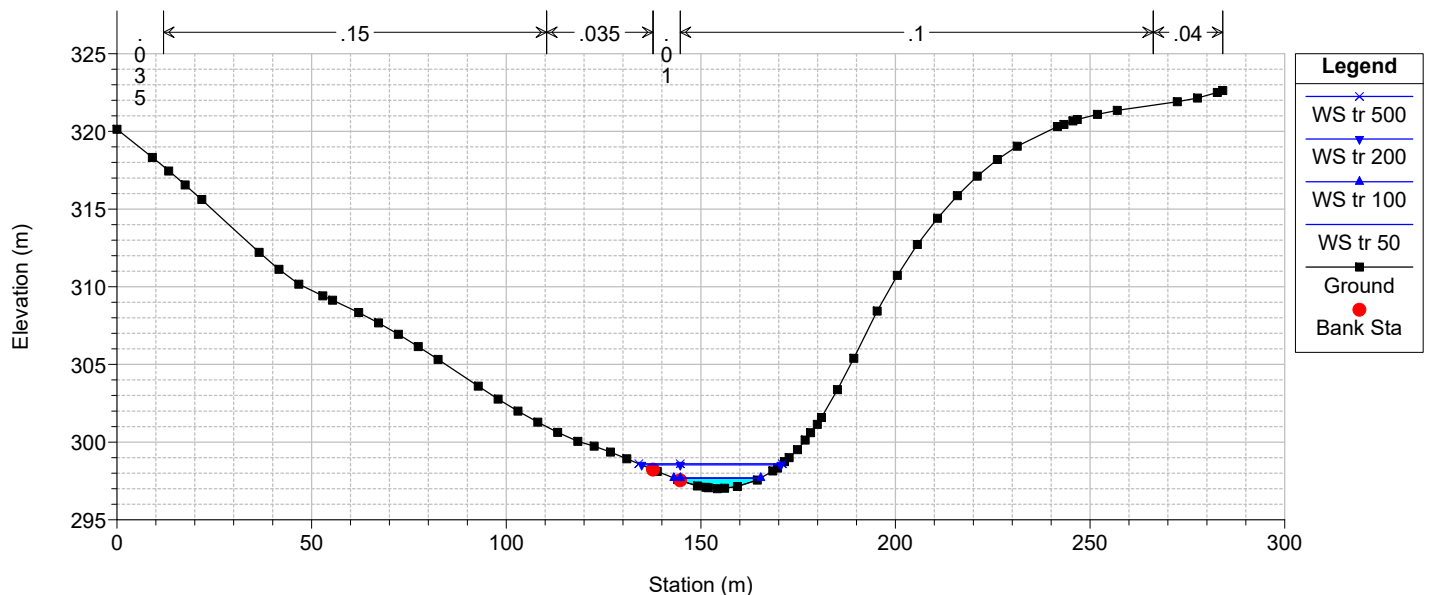
River = RioOttava Reach = RioLogulentu RS = 21326.54 SEZIONE 110 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

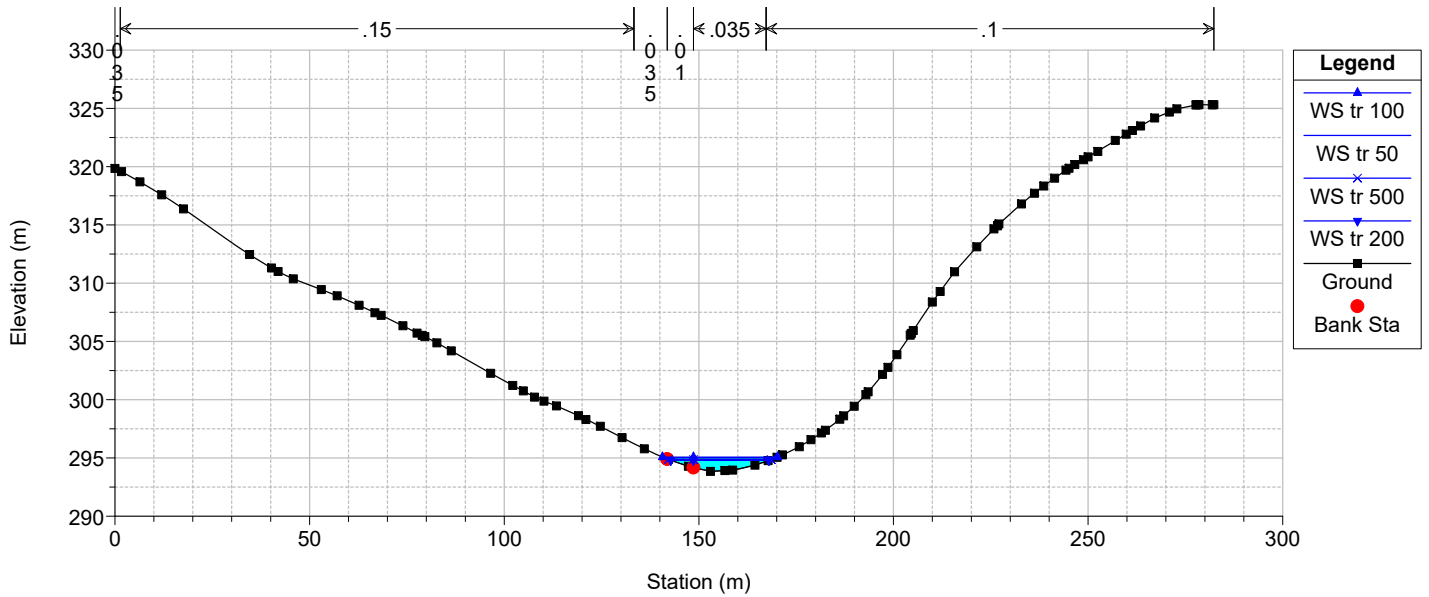
River = RioOttava Reach = RioLogulentu RS = 21155.23 SEZIONE 109 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

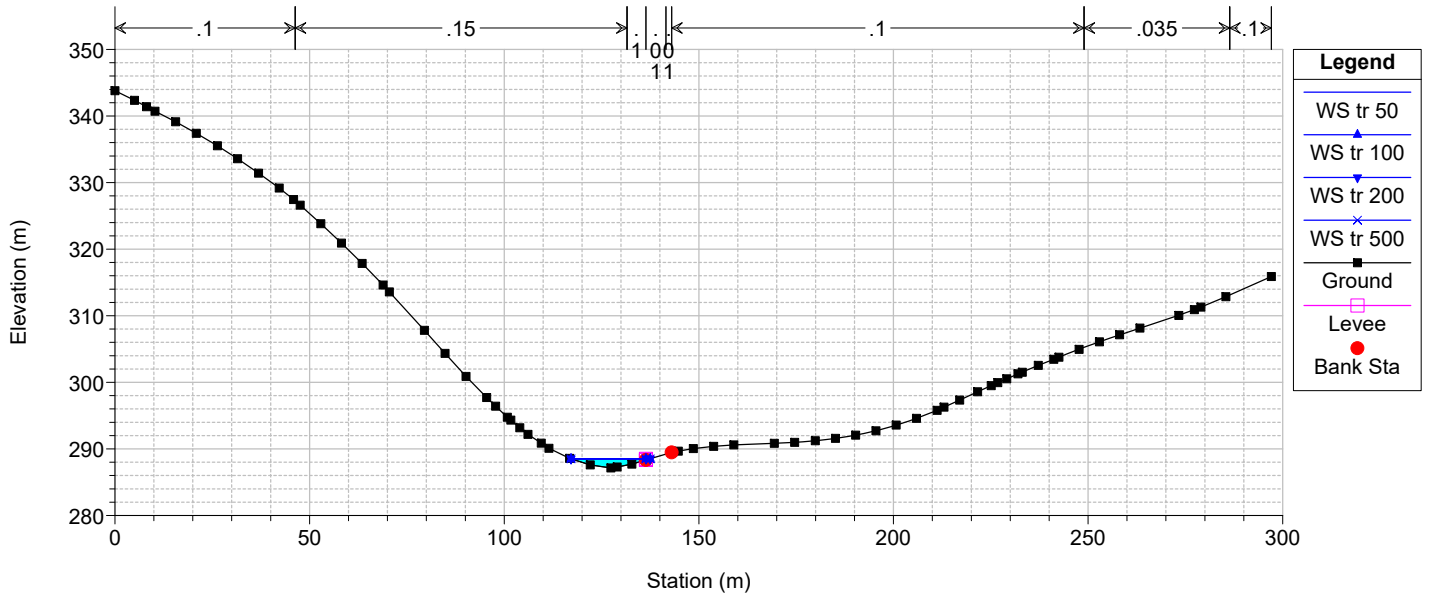
River = RioOttava Reach = RioLogulentu RS = 21015.62 SEZIONE 108 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

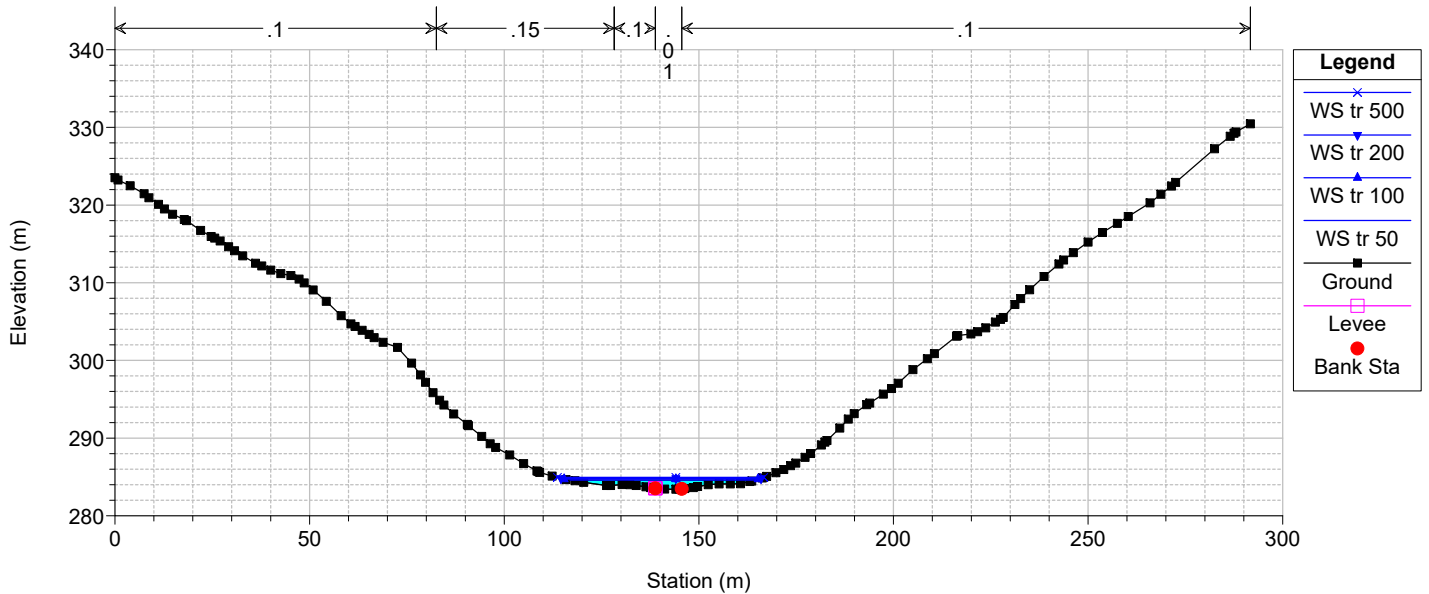
River = RioOttava Reach = RioLogulentu RS = 20773.82 SEZIONE 107 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

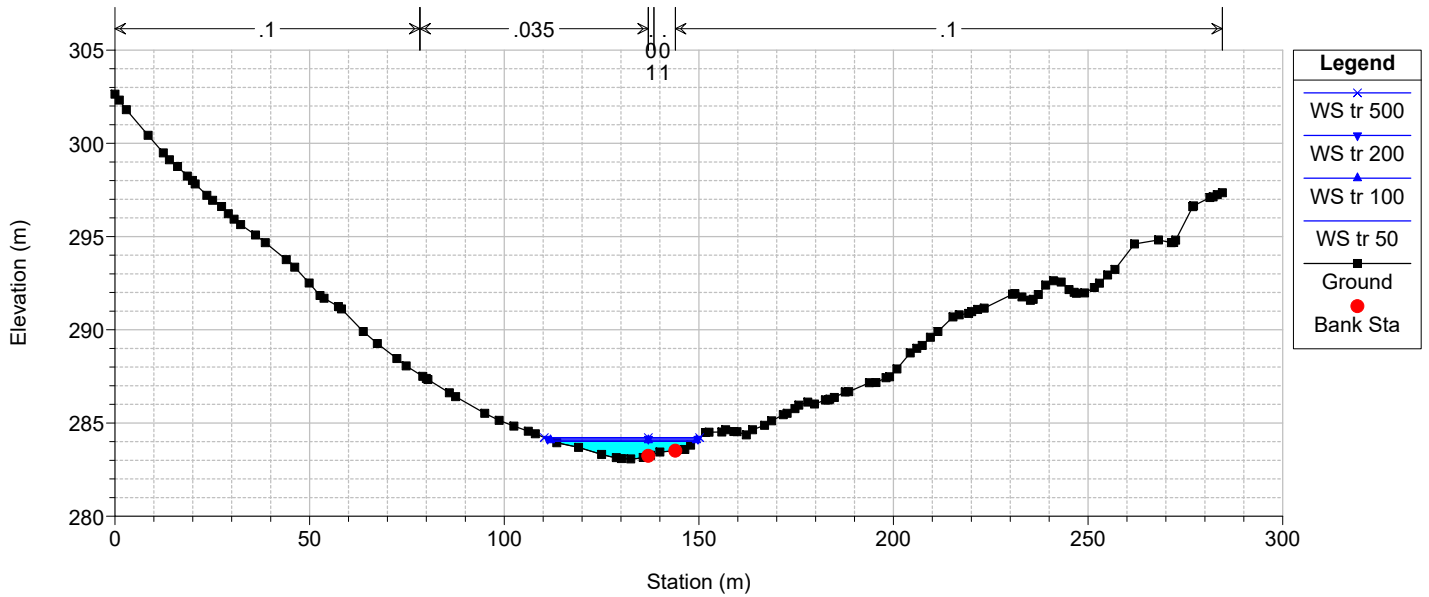
River = RioOttava Reach = RioLogulentu RS = 20566.20 SEZIONE 106 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

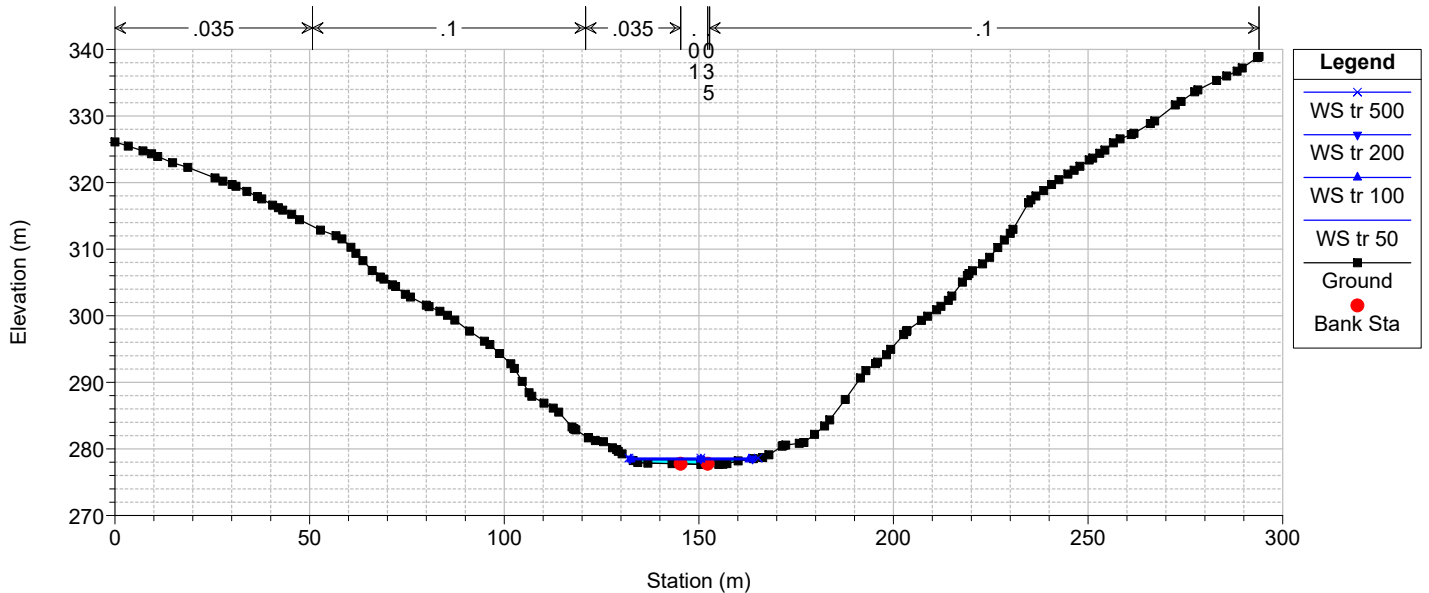
River = RioOttava Reach = RioLogulentu RS = 20415.17 SEZIONE 105 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

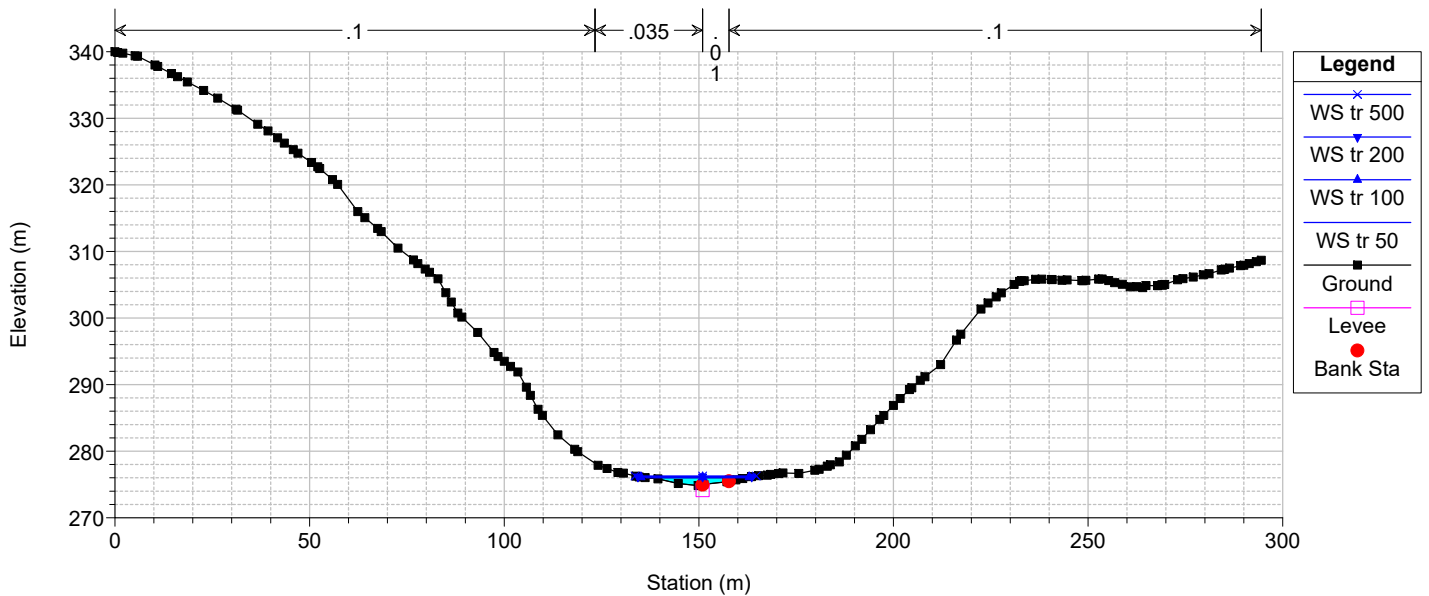
River = RioOttava Reach = RioLogulentu RS = 20174.23 SEZIONE 104 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

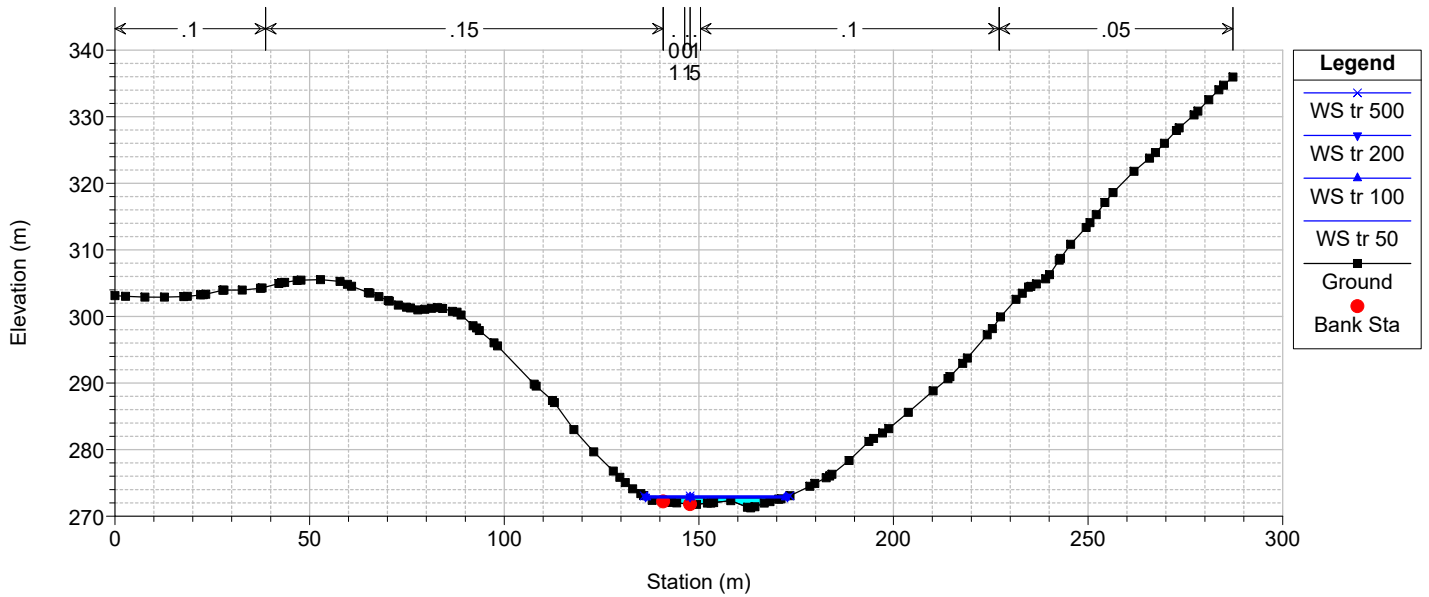
River = RioOttava Reach = RioLogulentu RS = 19894.03 SEZIONE 103 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

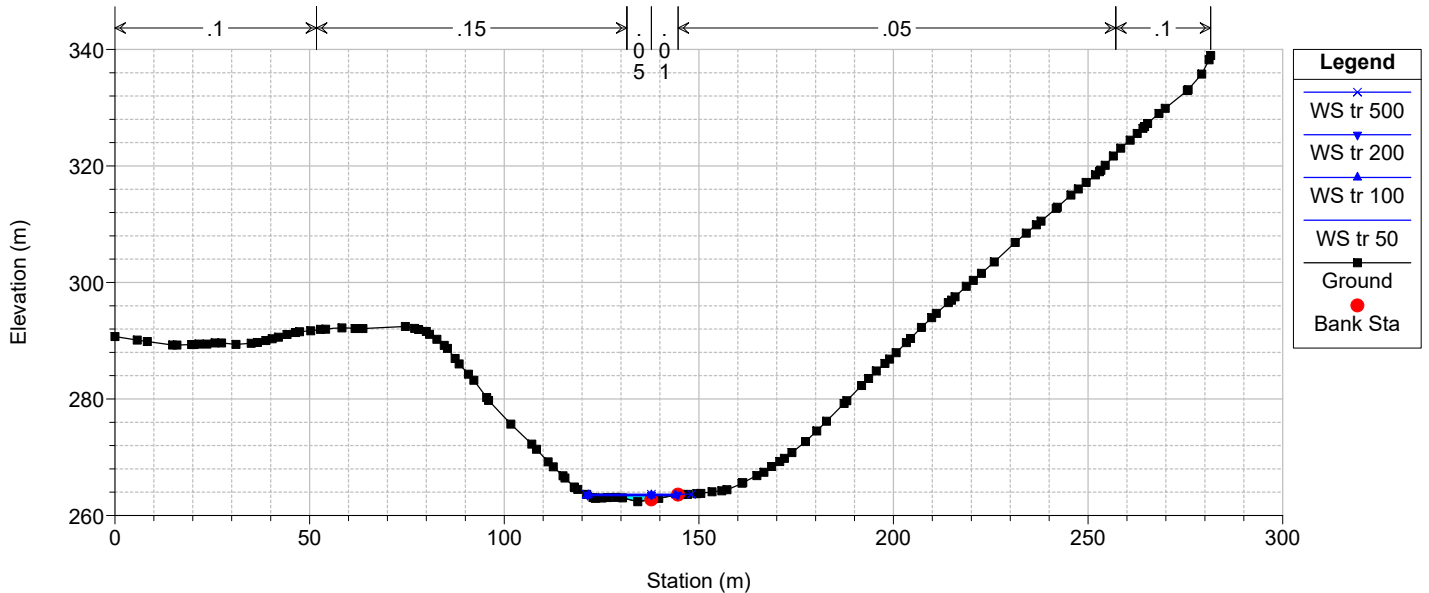
River = RioOttava Reach = RioLogulentu RS = 19645.84 SEZIONE 102 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

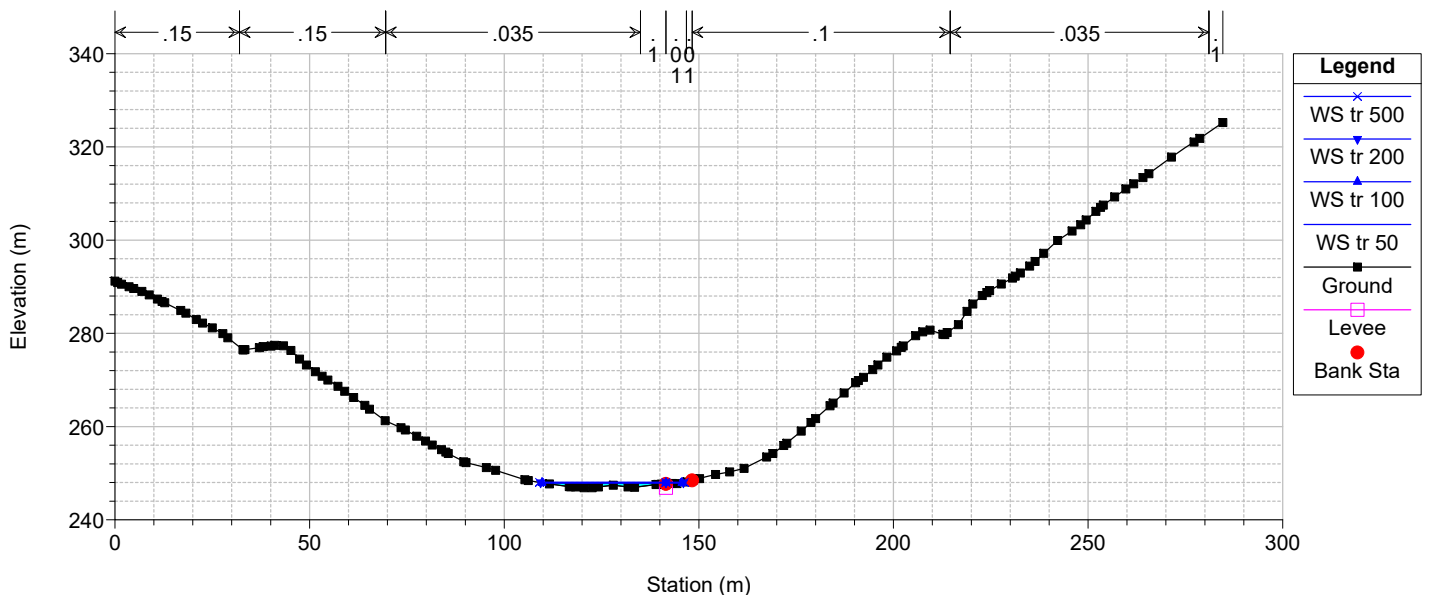
River = RioOttava Reach = RioLogulentu RS = 19417.66 SEZIONE 101 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

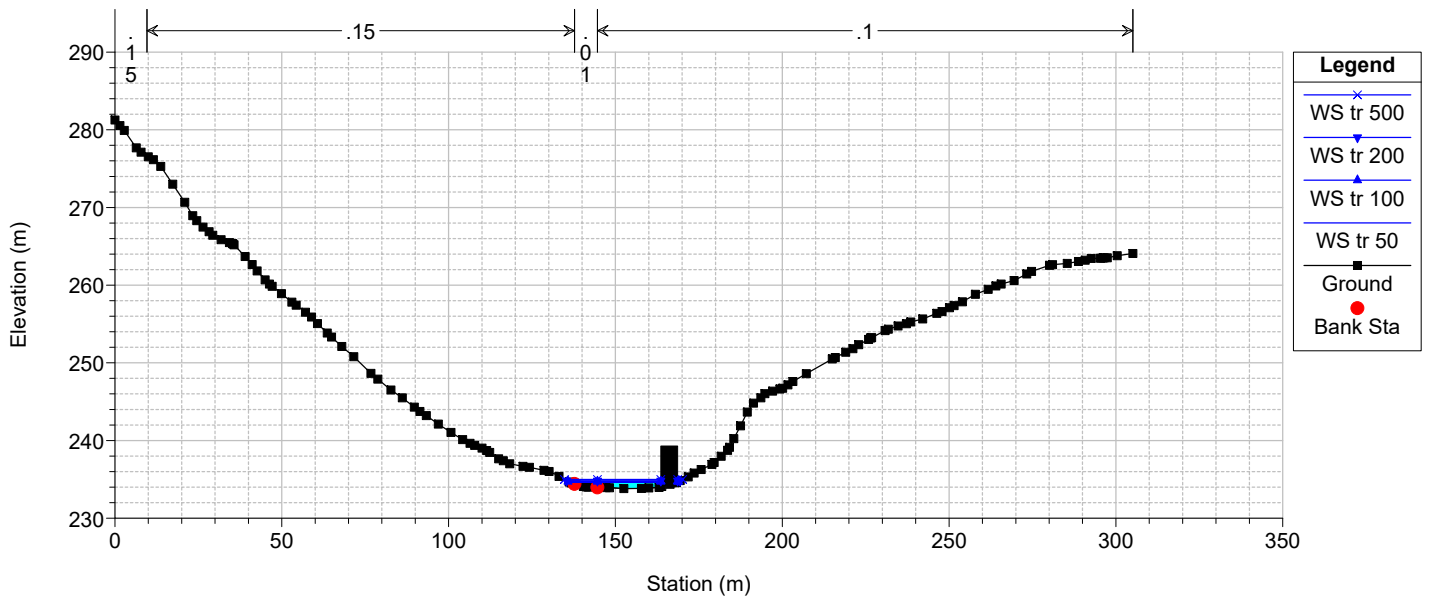
River = RioOttava Reach = RioLogulentu RS = 18955.19 SEZIONE 100 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

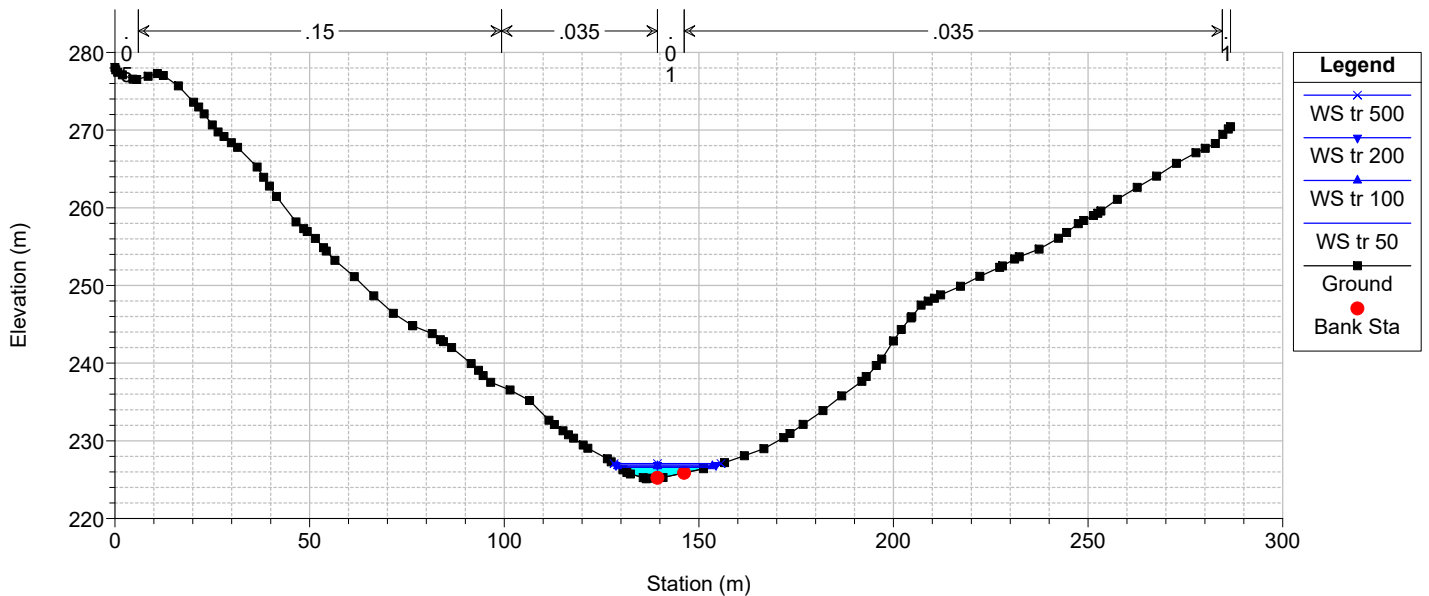
River = RioOttava Reach = RioLogulentu RS = 18628.65 SEZIONE 99 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

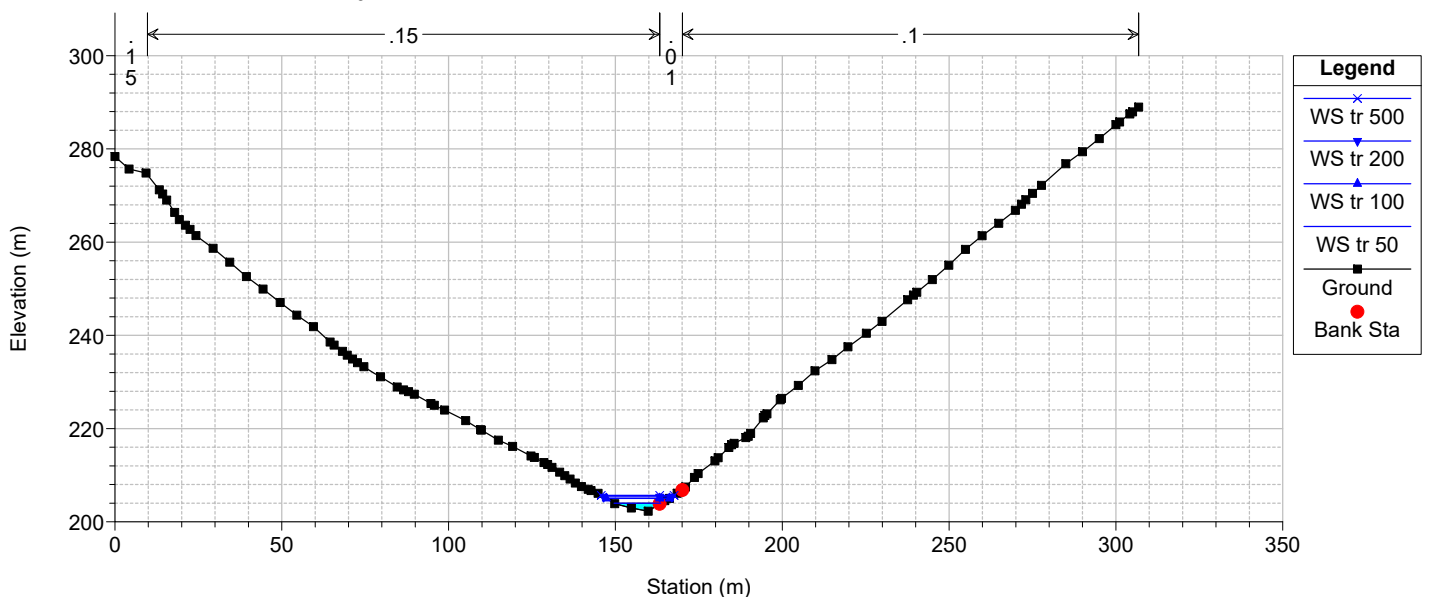
River = RioOttava Reach = RioLogulentu RS = 18322.60 SEZIONE 98 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

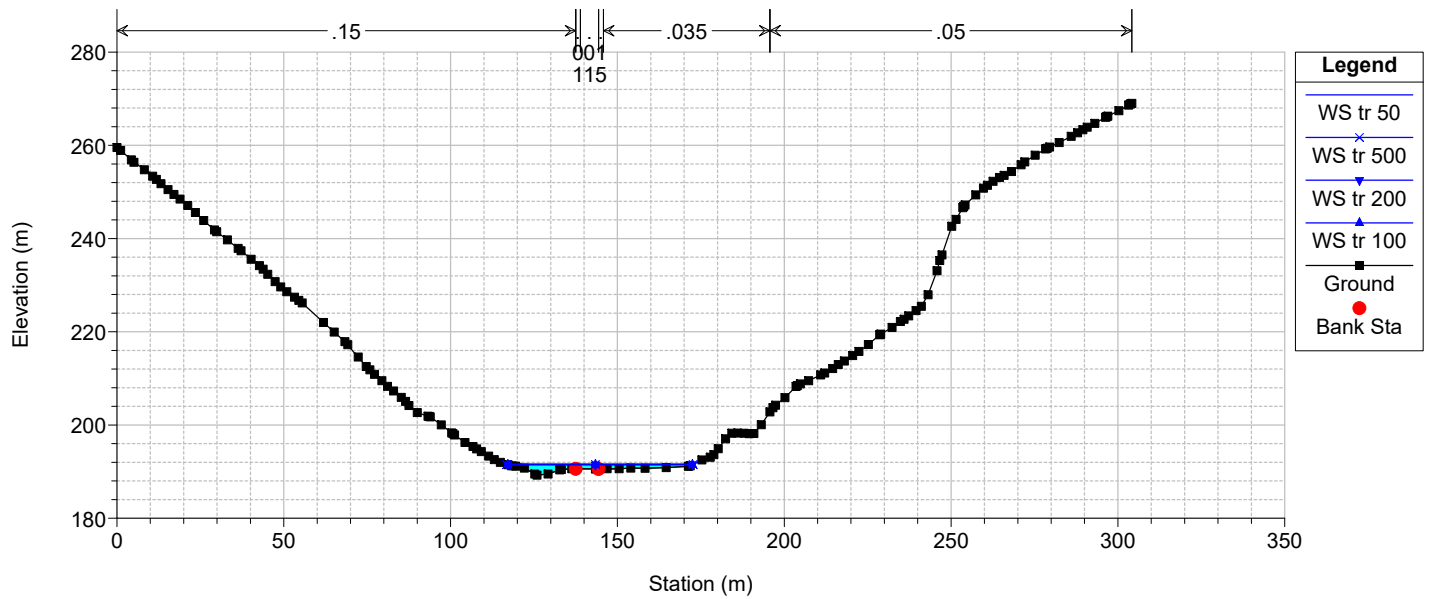
River = RioOttava Reach = RioLogulentu RS = 17916.92 SEZIONE 97 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

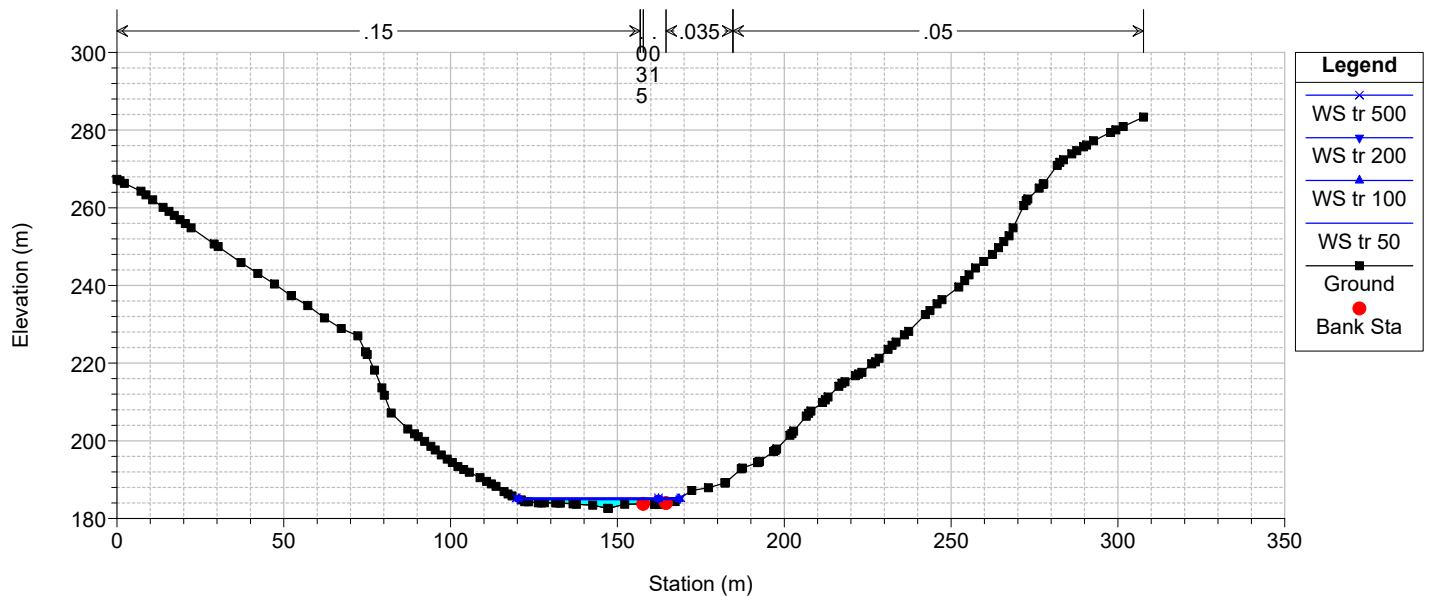
River = RioOttava Reach = RioLogulentu RS = 17516.65 SEZIONE 96 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

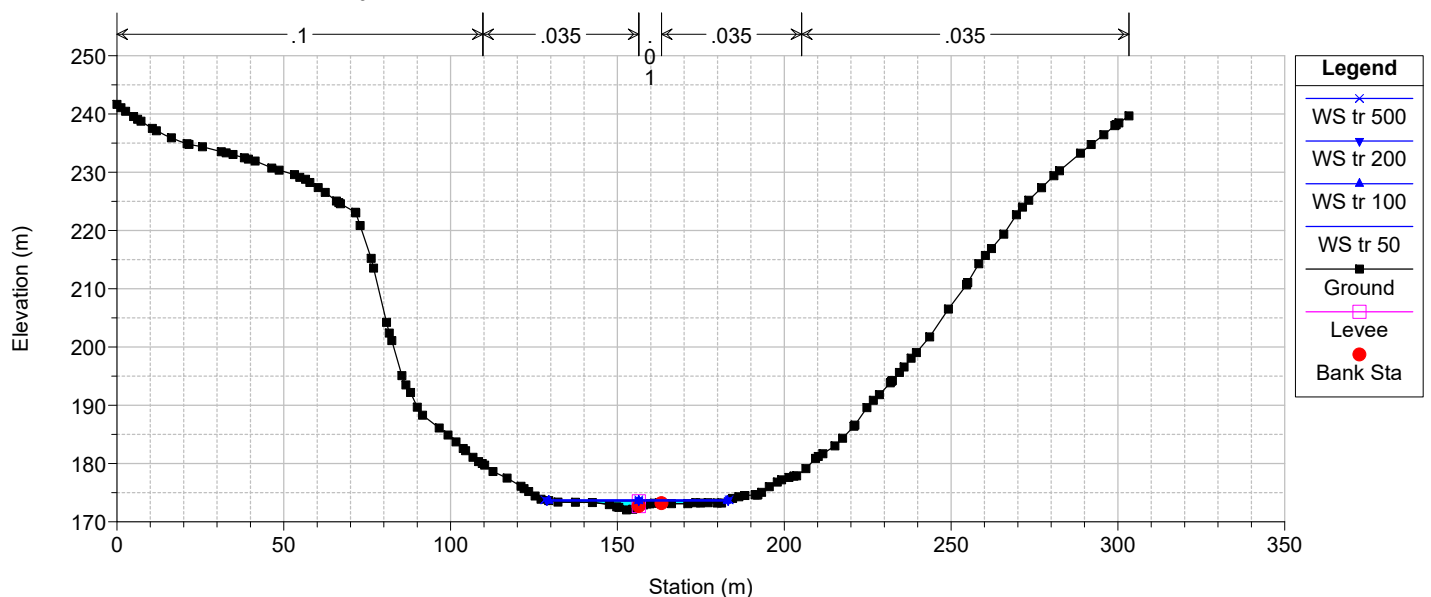
River = RioOttava Reach = RioLogulentu RS = 17145.13 SEZIONE 95 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

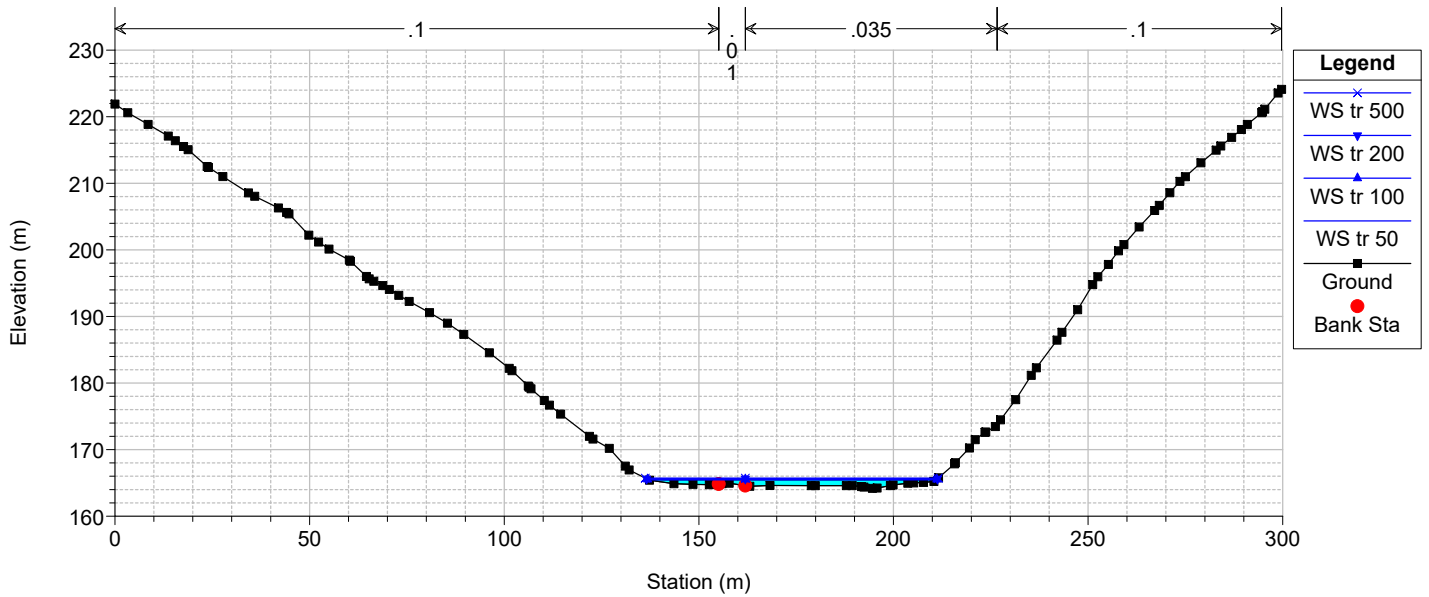
River = RioOttava Reach = RioLogulentu RS = 16578.53 SEZIONE 94 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

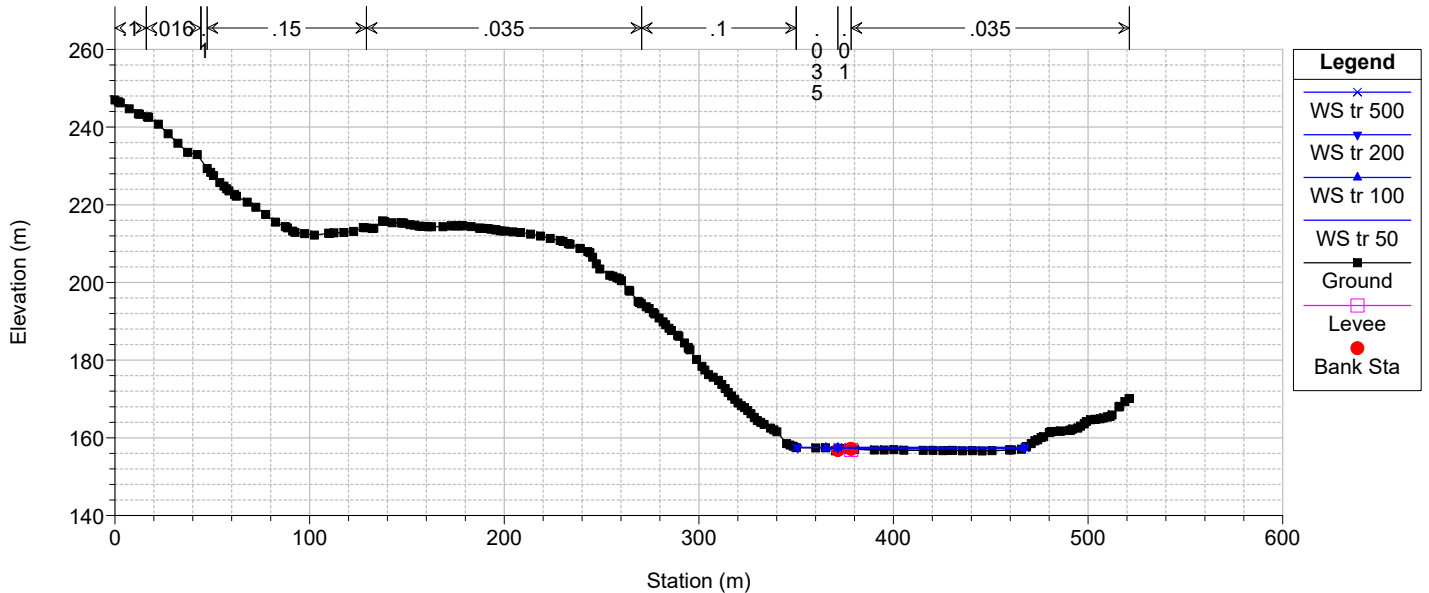
River = RioOttava Reach = RioLogulentu RS = 16070.16 SEZIONE 93 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

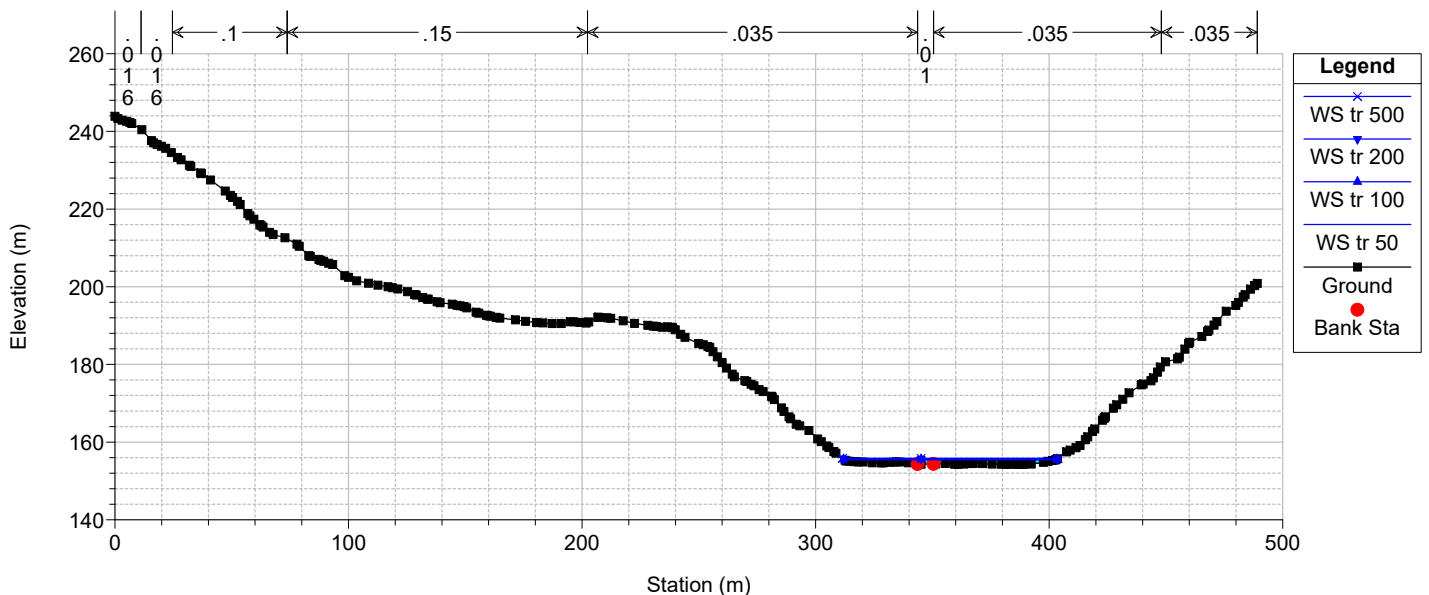
River = RioOttava Reach = RioLogulentu RS = 15575.54 SEZIONE 92 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

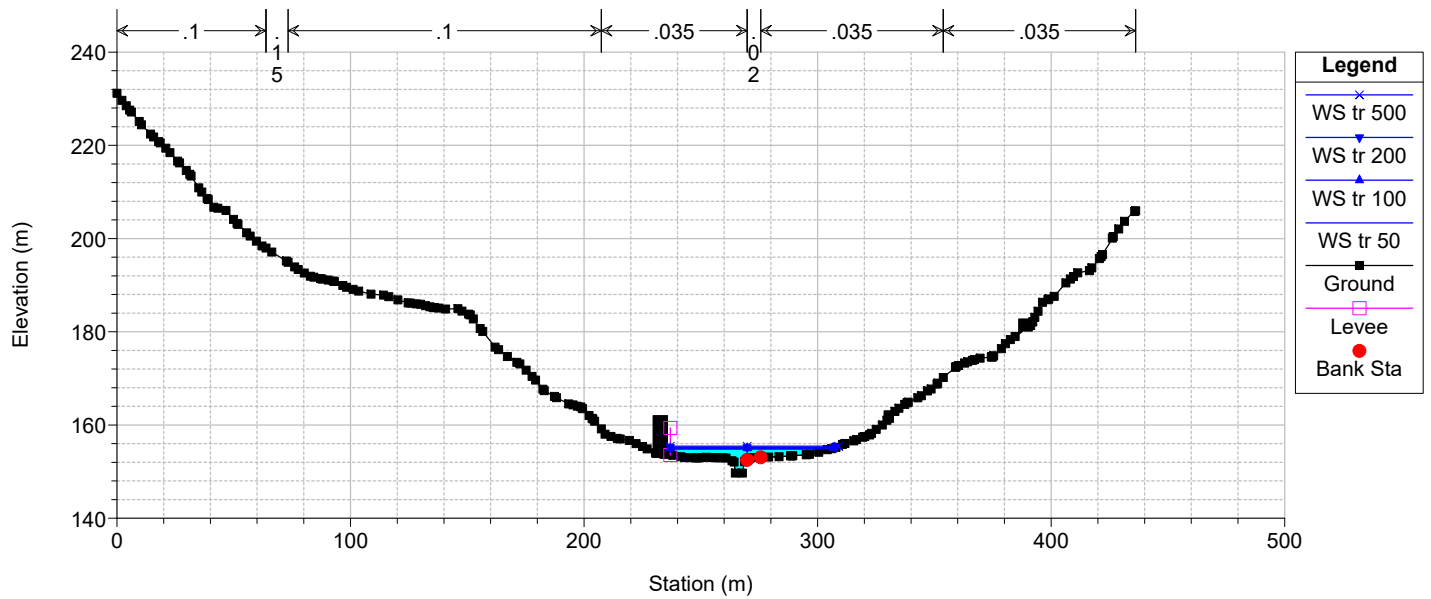
River = RioOttava Reach = RioLogulentu RS = 15328.37 SEZIONE 91 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

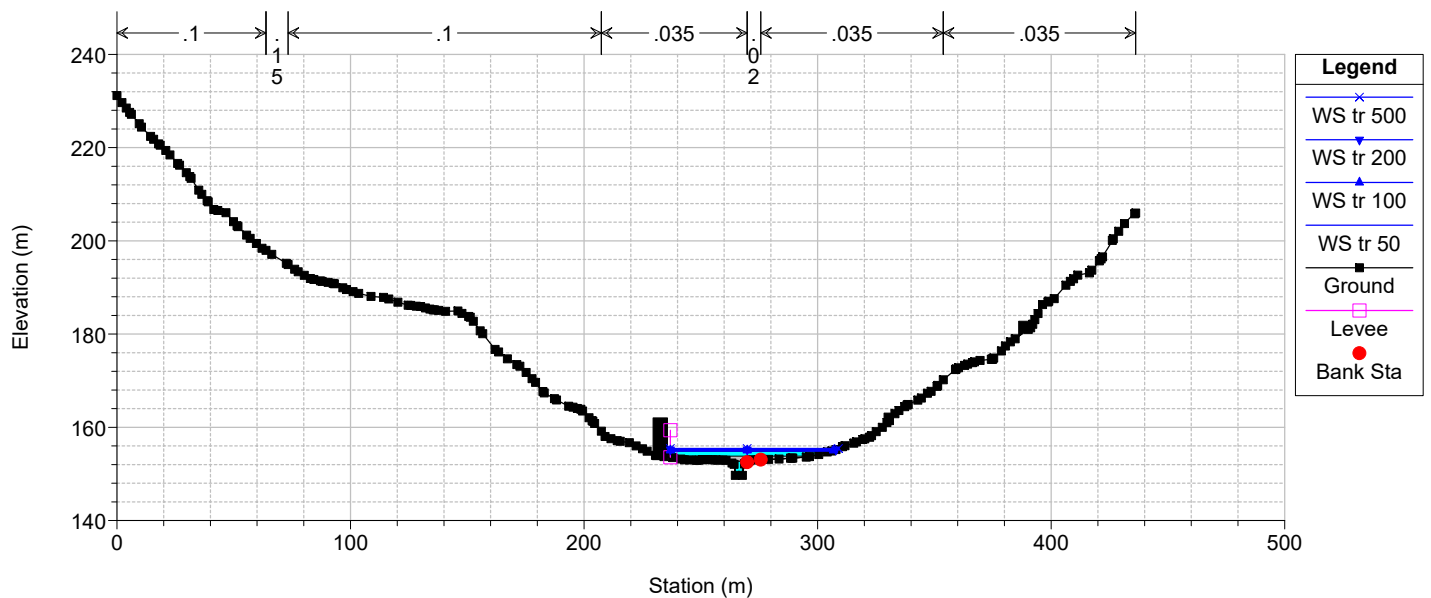
River = RioOttava Reach = RioLogulentu RS = 15183.13 SEZIONE 90 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



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Geom: 05022021 Flow: 05022021

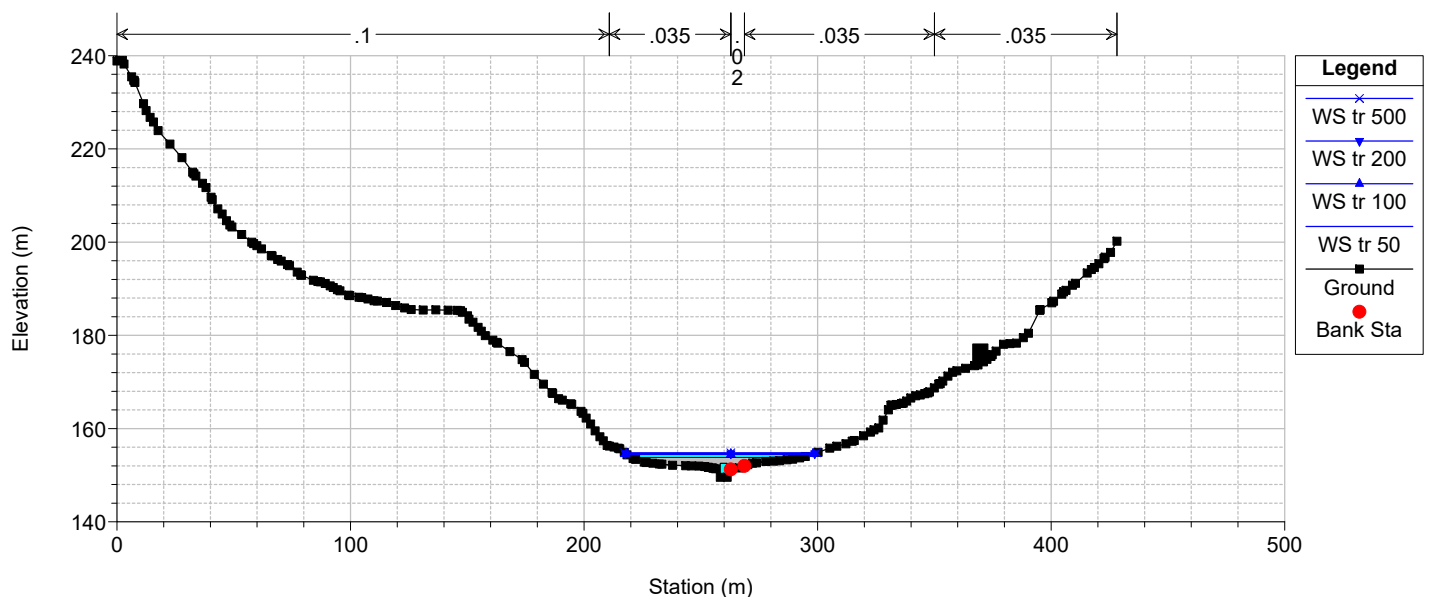
River = RioOttava Reach = RioLogulentu RS = 15170 Culv ATTRAVERSAMENTO 15 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



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Geom: 05022021 Flow: 05022021

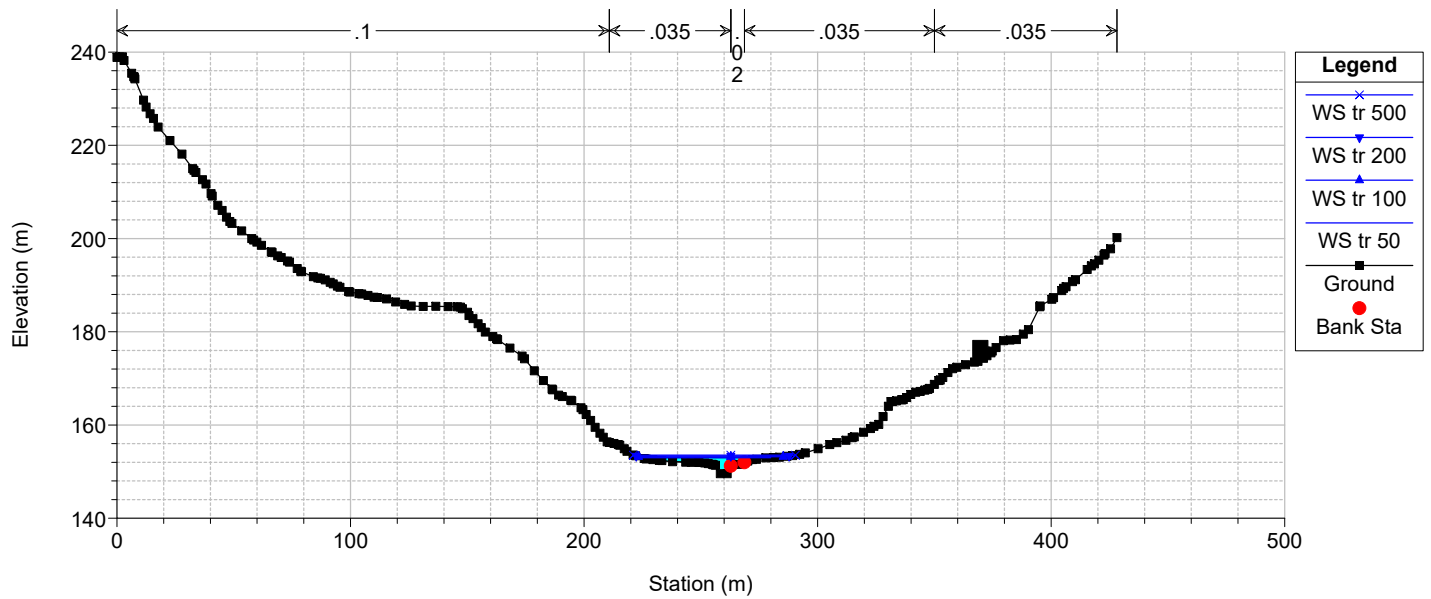
River = RioOttava Reach = RioLogulentu RS = 15170 Culv ATTRAVERSAMENTO 15 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

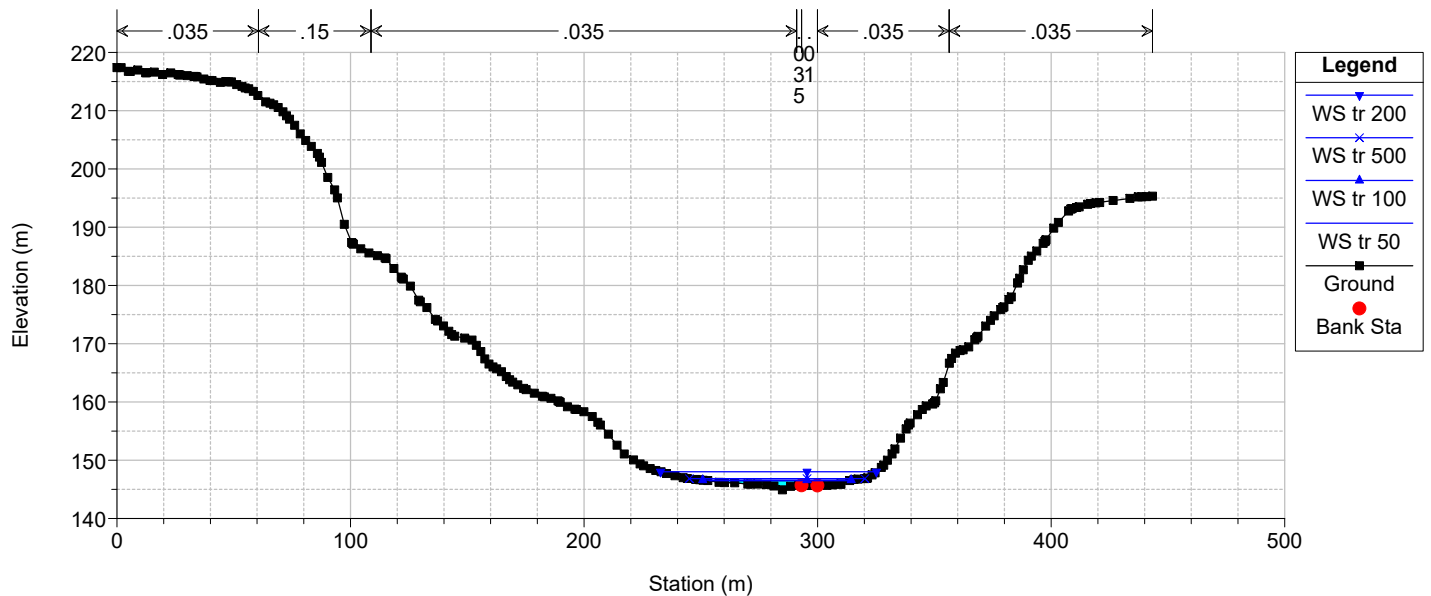
River = RioOttava Reach = RioLogulentu RS = 15164.15 SEZIONE 89 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

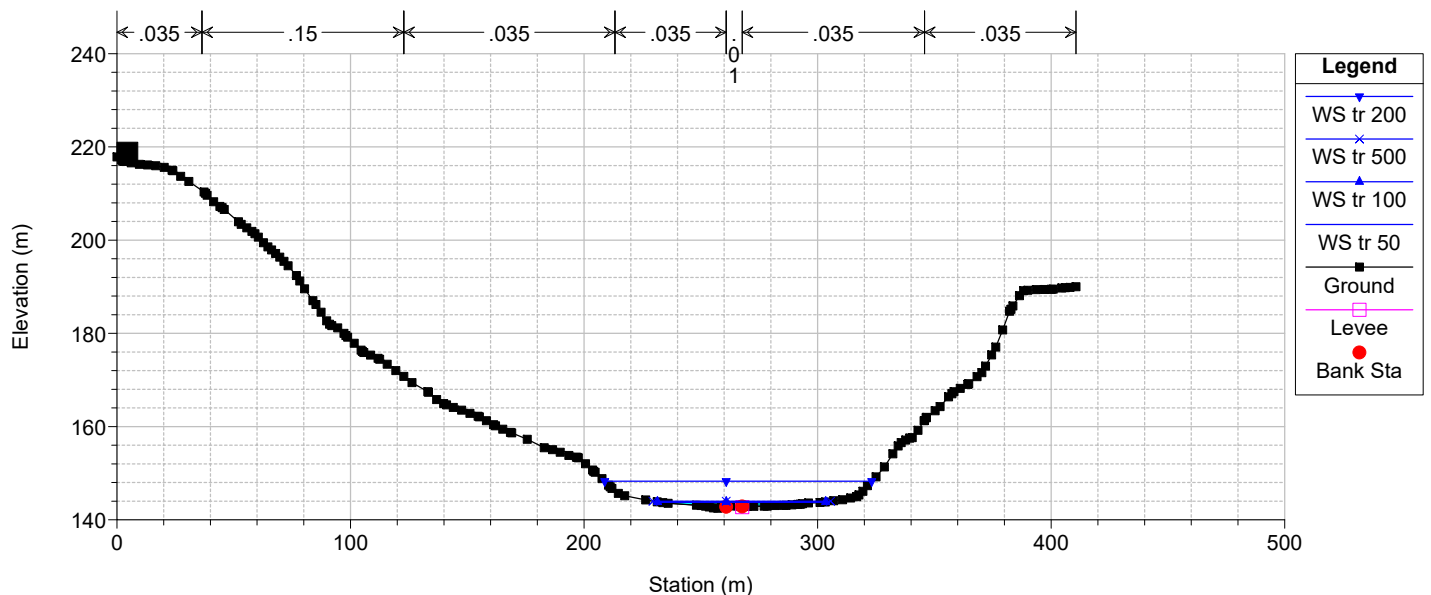
River = RioOttava Reach = RioLogulentu RS = 14813.70 SEZIONE 88 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

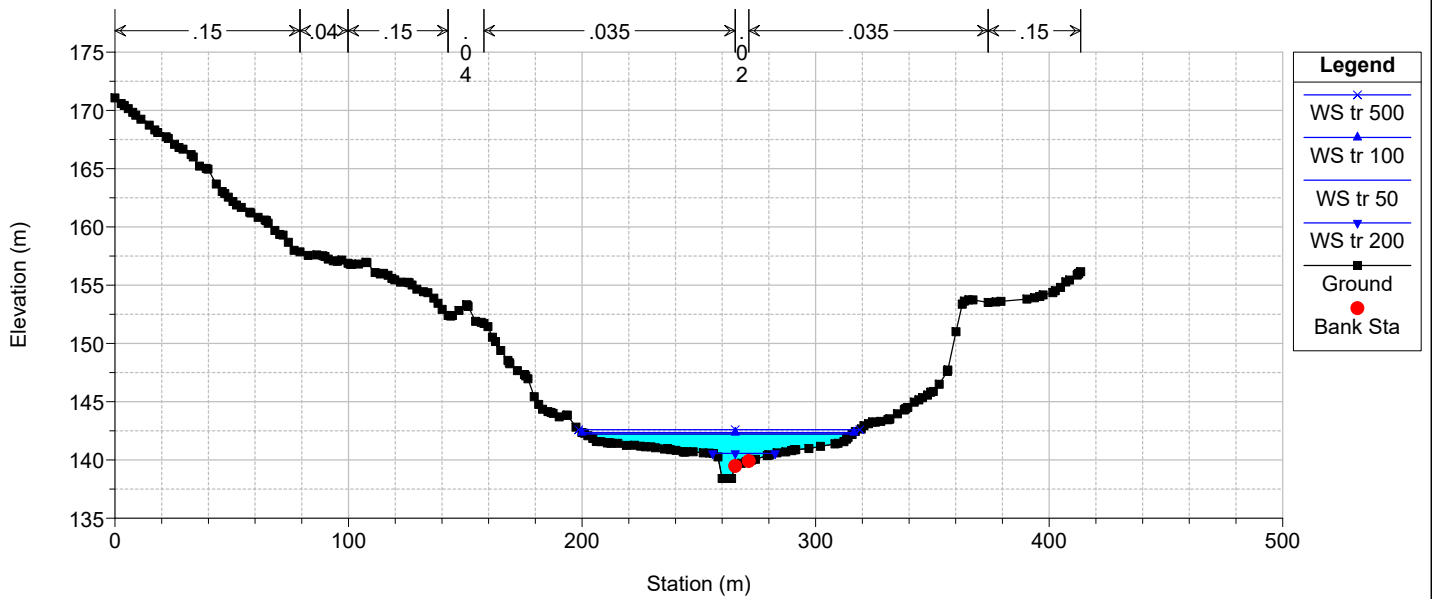
River = RioOttava Reach = RioLogulentu RS = 14647.41 SEZIONE 87 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

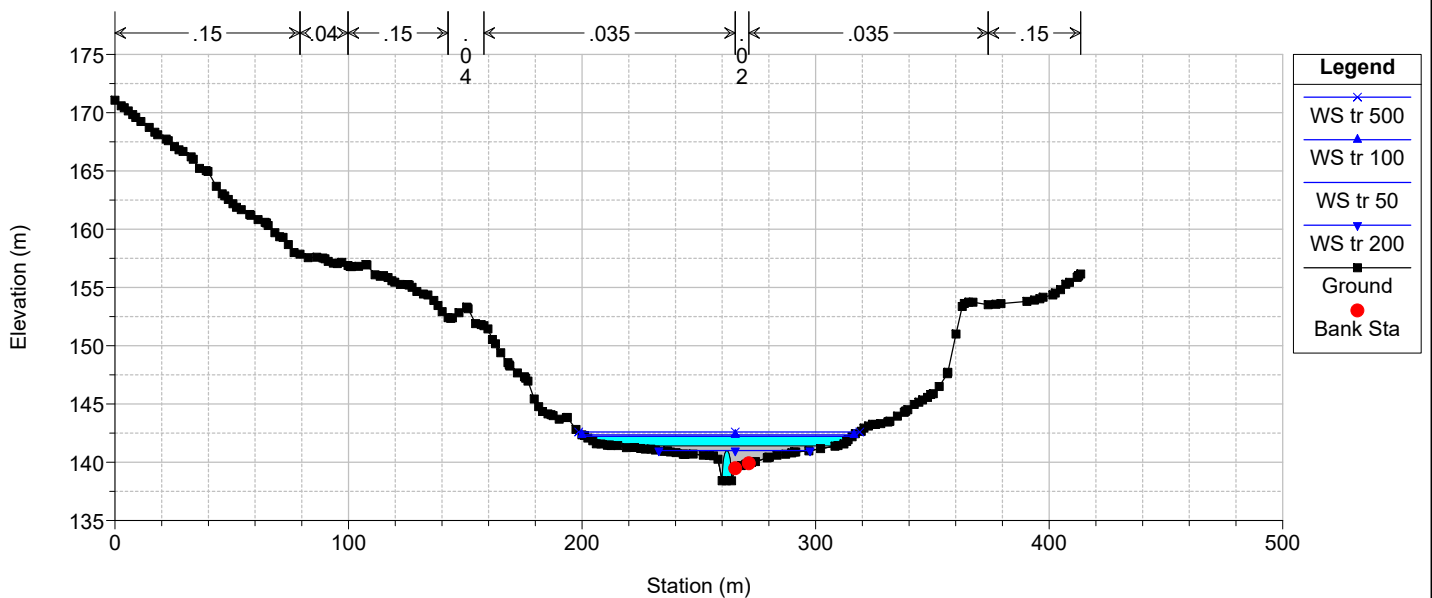
River = RioOttava Reach = RioLogulentu RS = 14465.44 SEZIONE 86 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

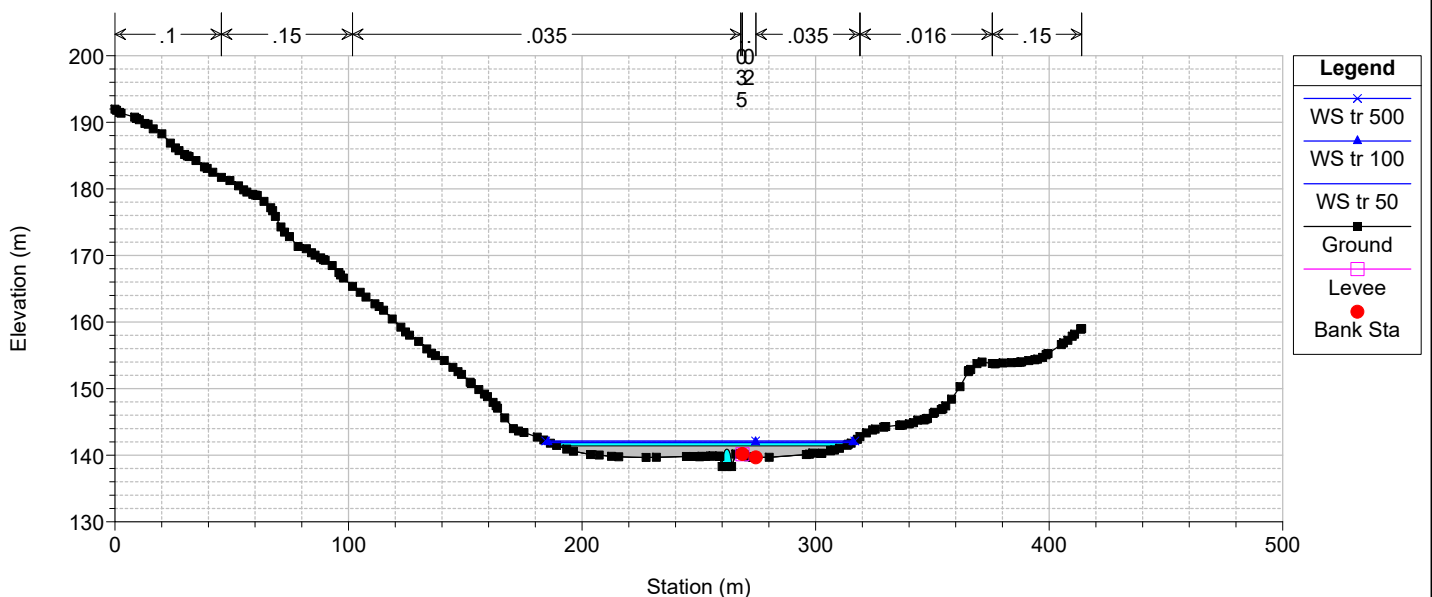
River = RioOttava Reach = RioLogulentu RS = 14455 Culv ATTRAVERSAMENTO 14 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

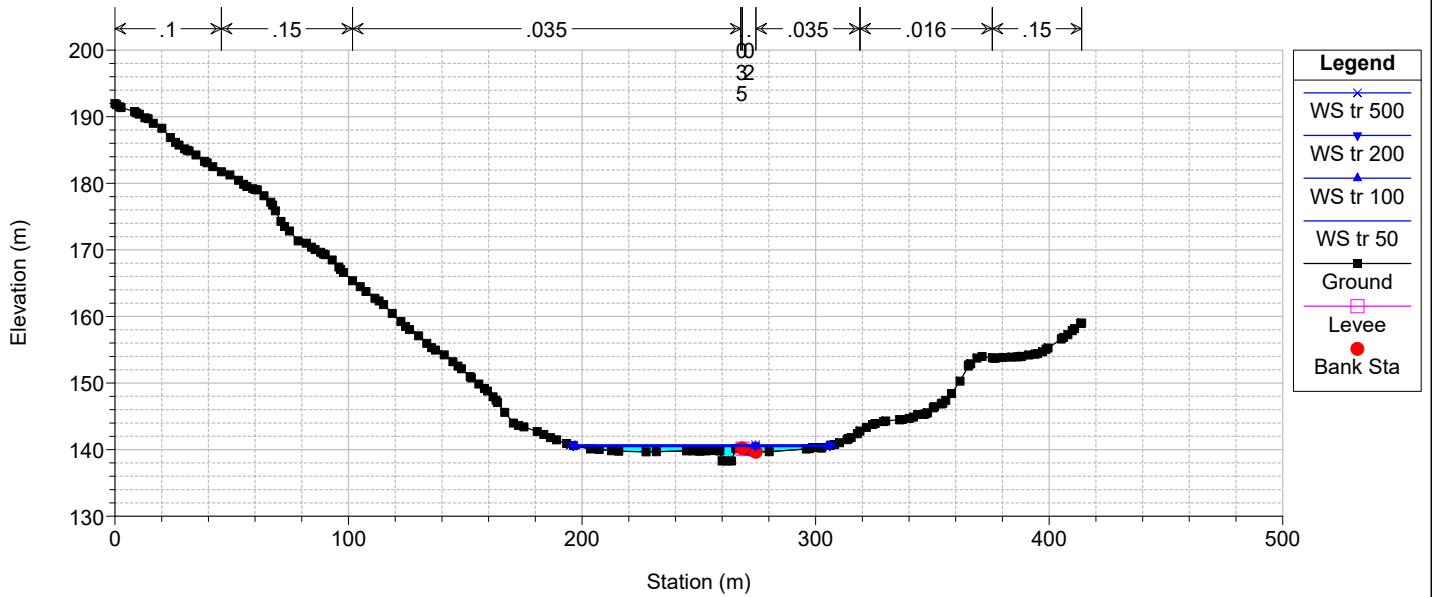
River = RioOttava Reach = RioLogulentu RS = 14455 Culv ATTRAVERSAMENTO 14 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

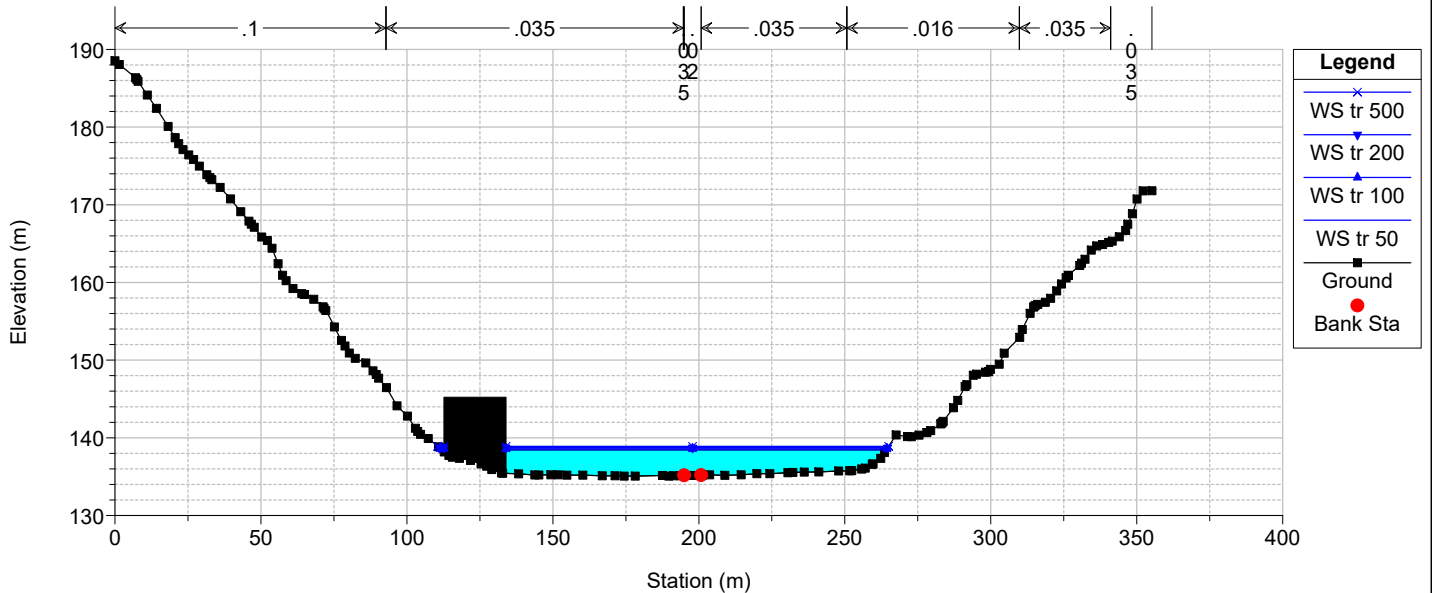
River = RioOttava Reach = RioLogulentu RS = 14447.53 SEZIONE 85 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

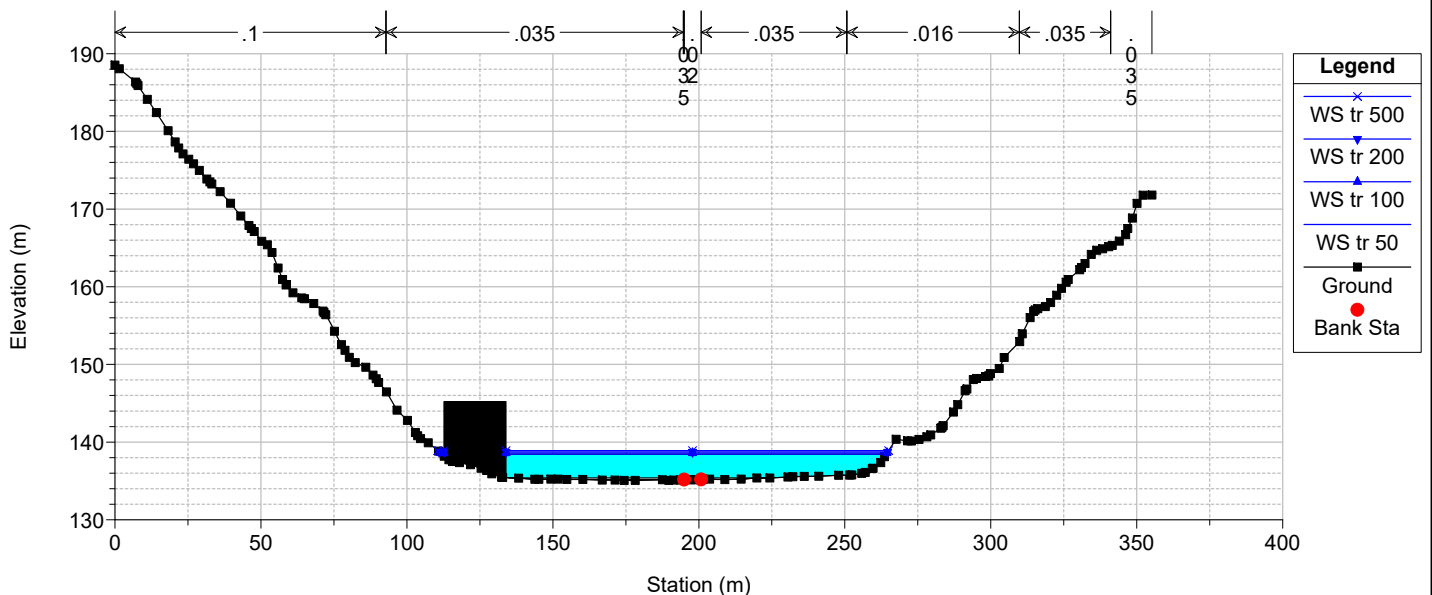
River = RioOttava Reach = RioLogulentu RS = 14066.62 SEZIONE 84 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

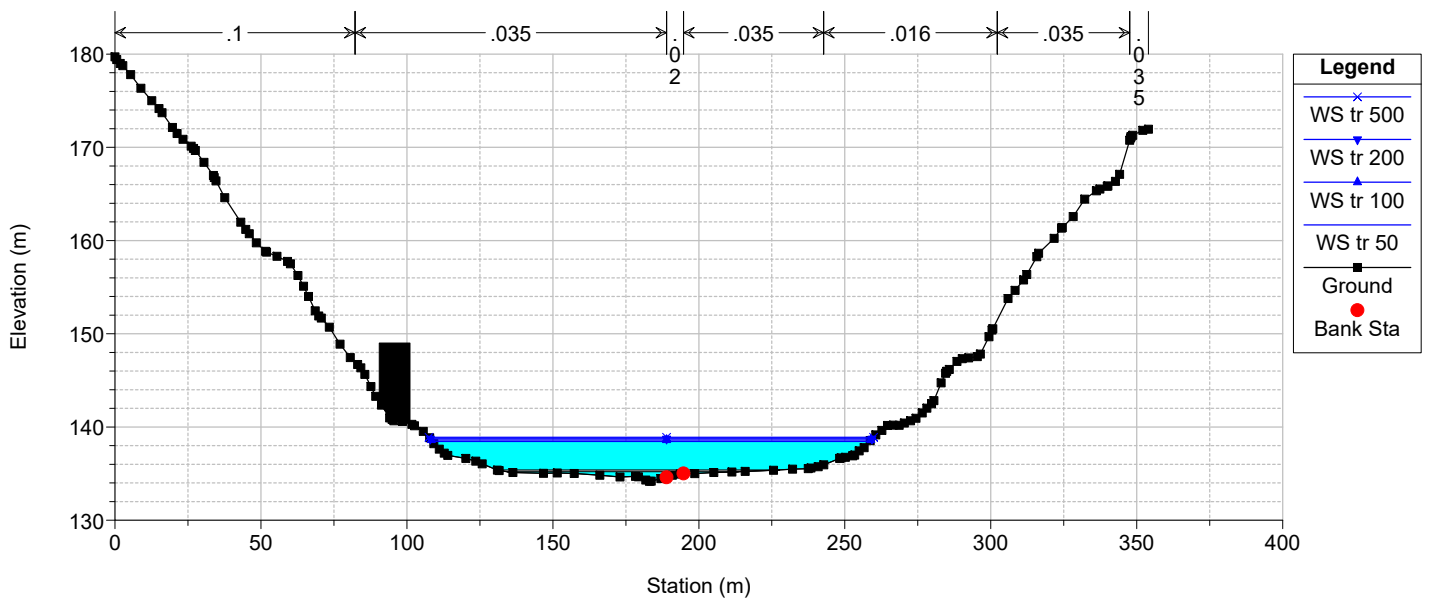
River = RioOttava Reach = RioLogulentu RS = 14057 BR ATTRAVERSAMENTO 13 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



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Geom: 05022021 Flow: 05022021

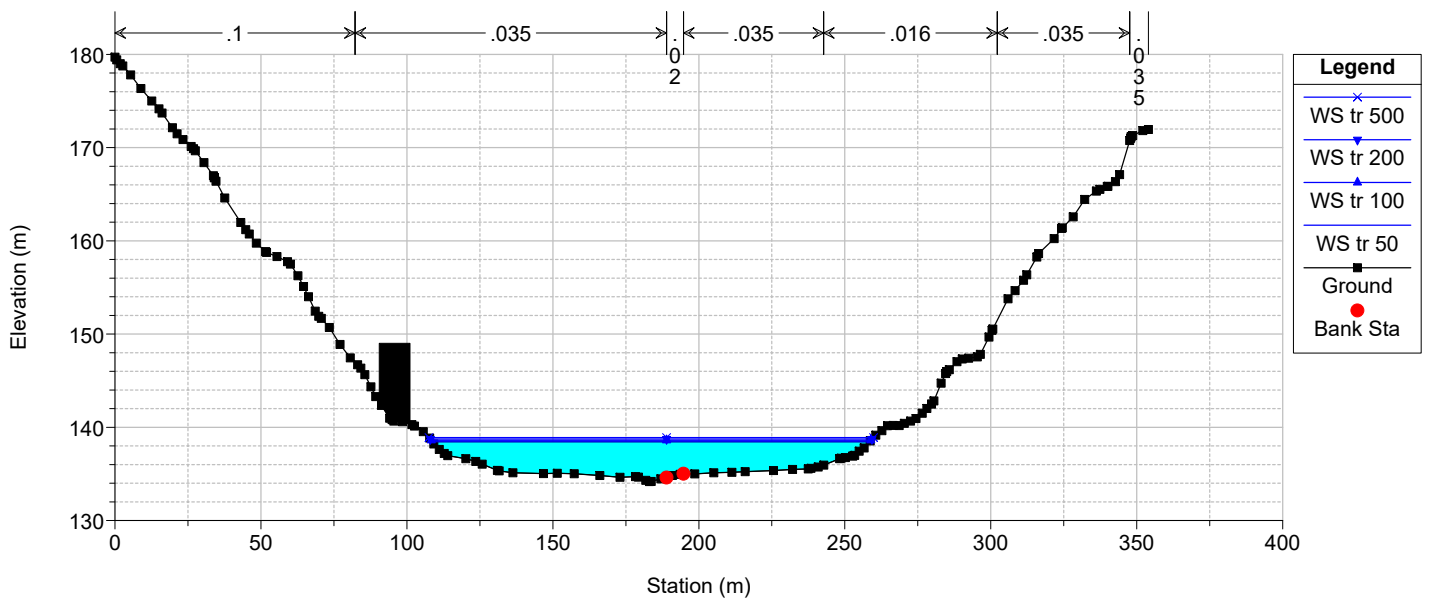
River = RioOttava Reach = RioLogulentu RS = 14057 BR ATTRAVERSAMENTO 13 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

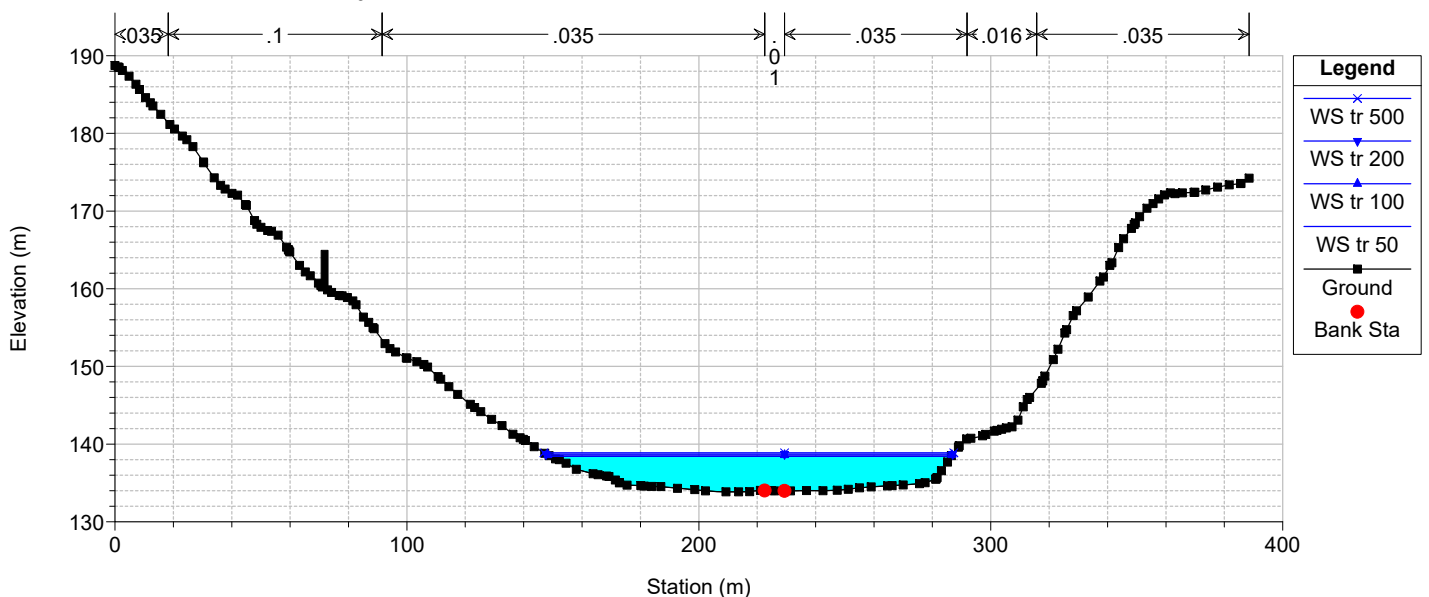
River = RioOttava Reach = RioLogulentu RS = 14052.69 SEZIONE 83 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

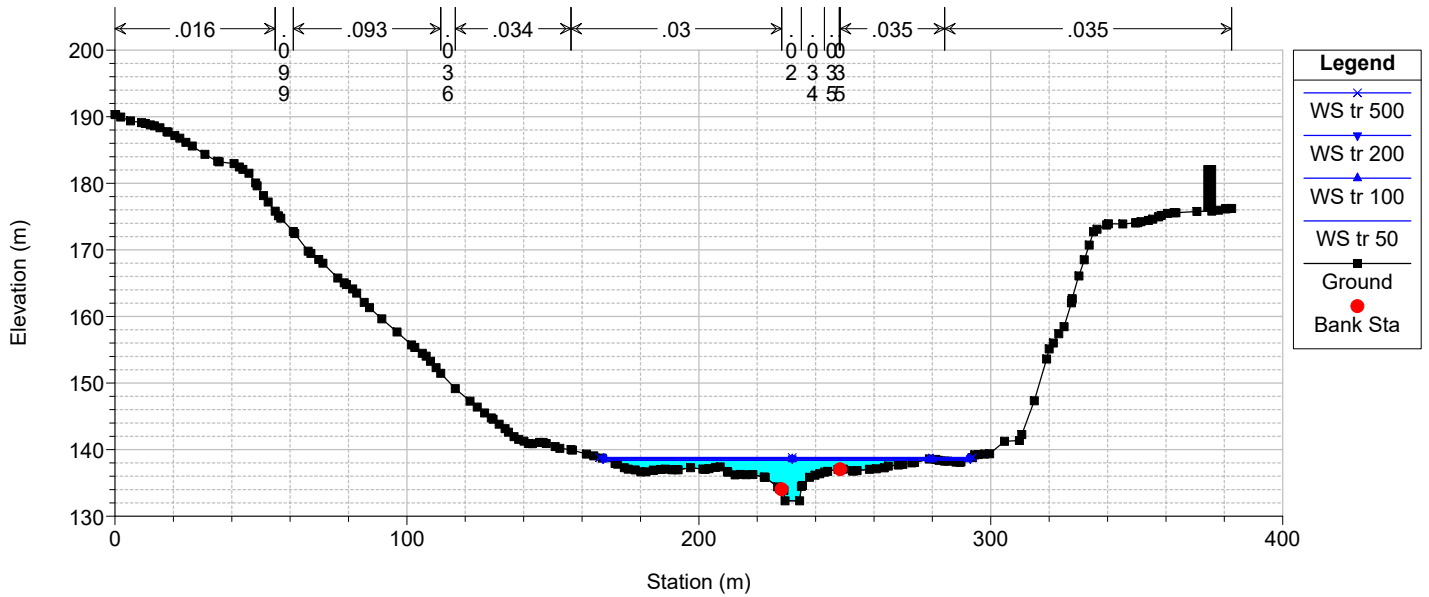
River = RioOttava Reach = RioLogulentu RS = 13987.71 SEZIONE 82 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



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Geom: 05022021 Flow: 05022021

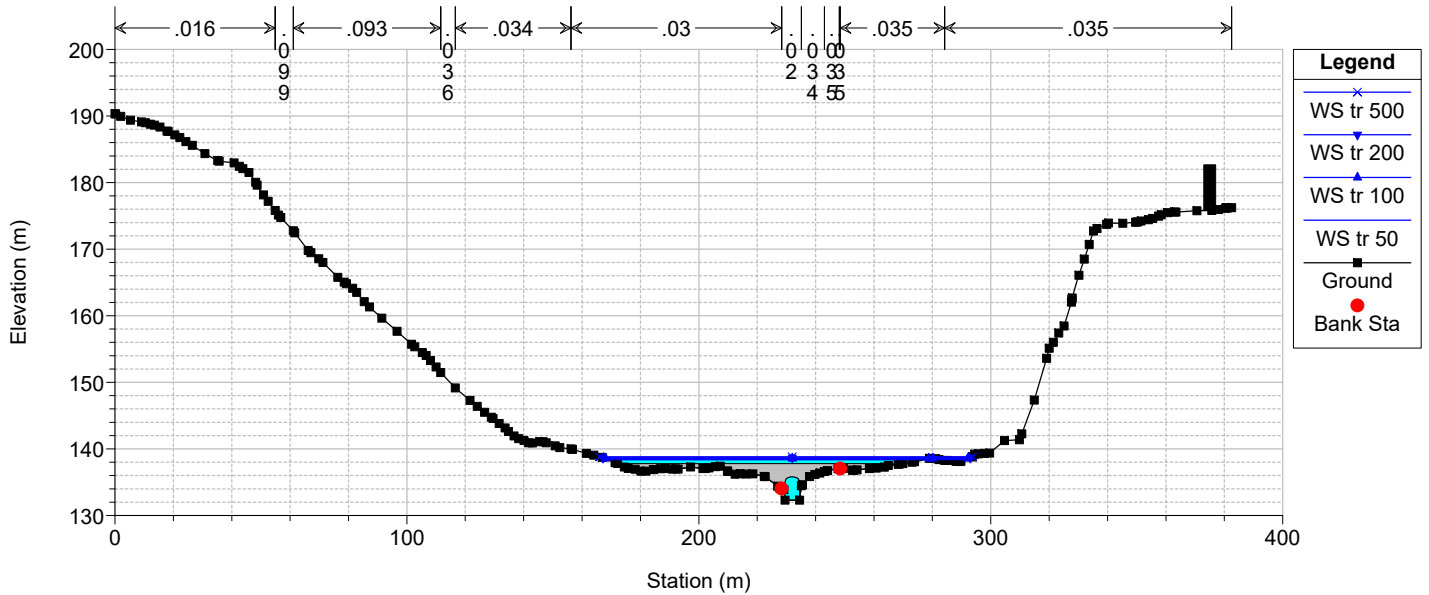
River = RioOttava Reach = RioLogulentu RS = 13923.17 SEZIONE 81 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

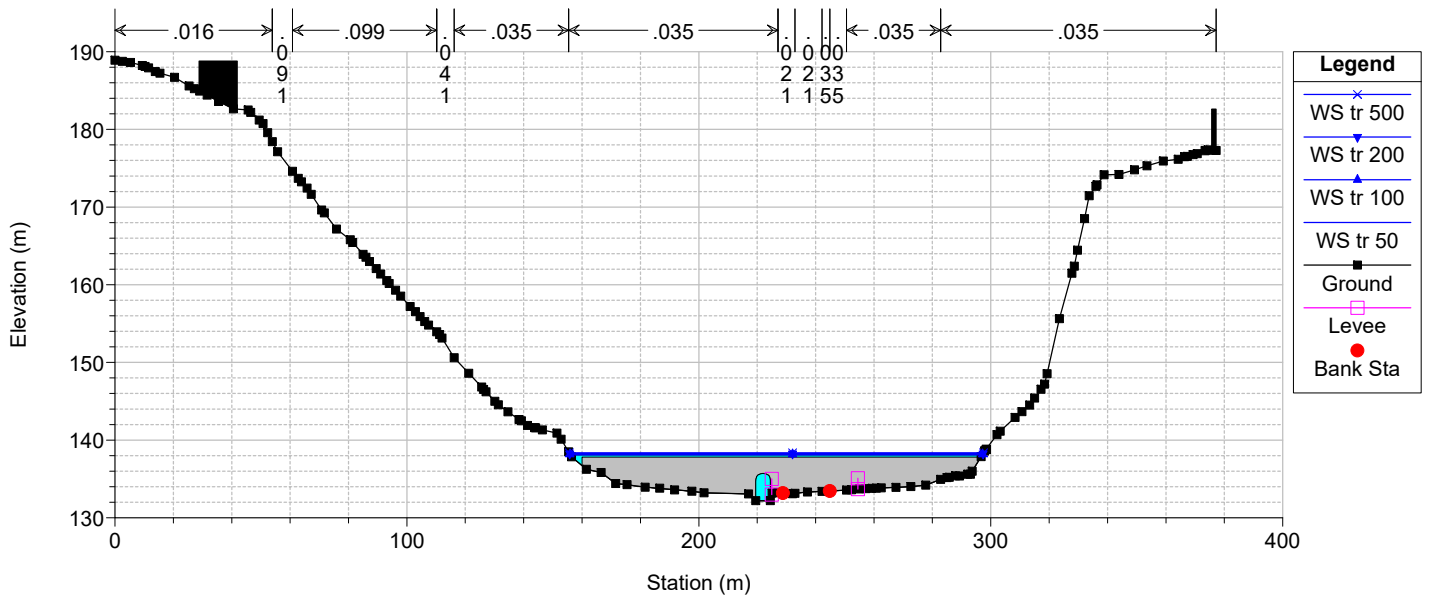
River = RioOttava Reach = RioLogulentu RS = 13910 Culv ATTRAVERSAMENTO 12 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

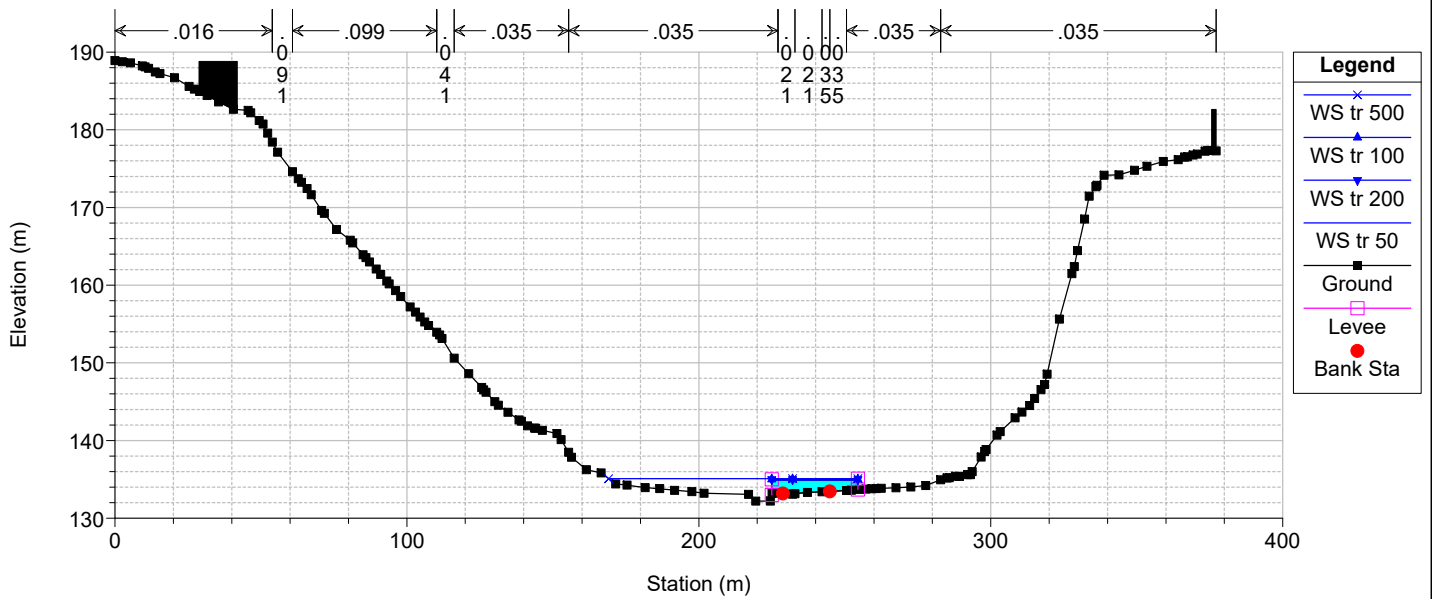
River = RioOttava Reach = RioLogulentu RS = 13910 Culv ATTRAVERSAMENTO 12 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

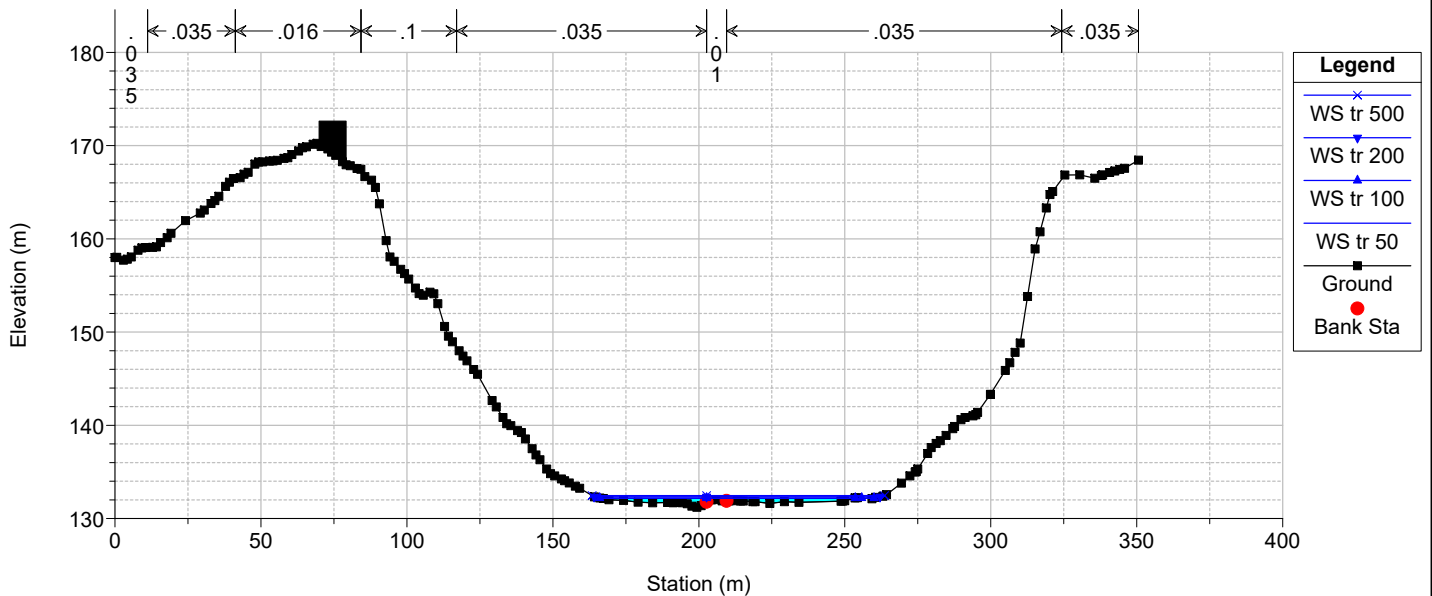
River = RioOttava Reach = RioLogulentu RS = 13900.37 SEZIONE 80 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

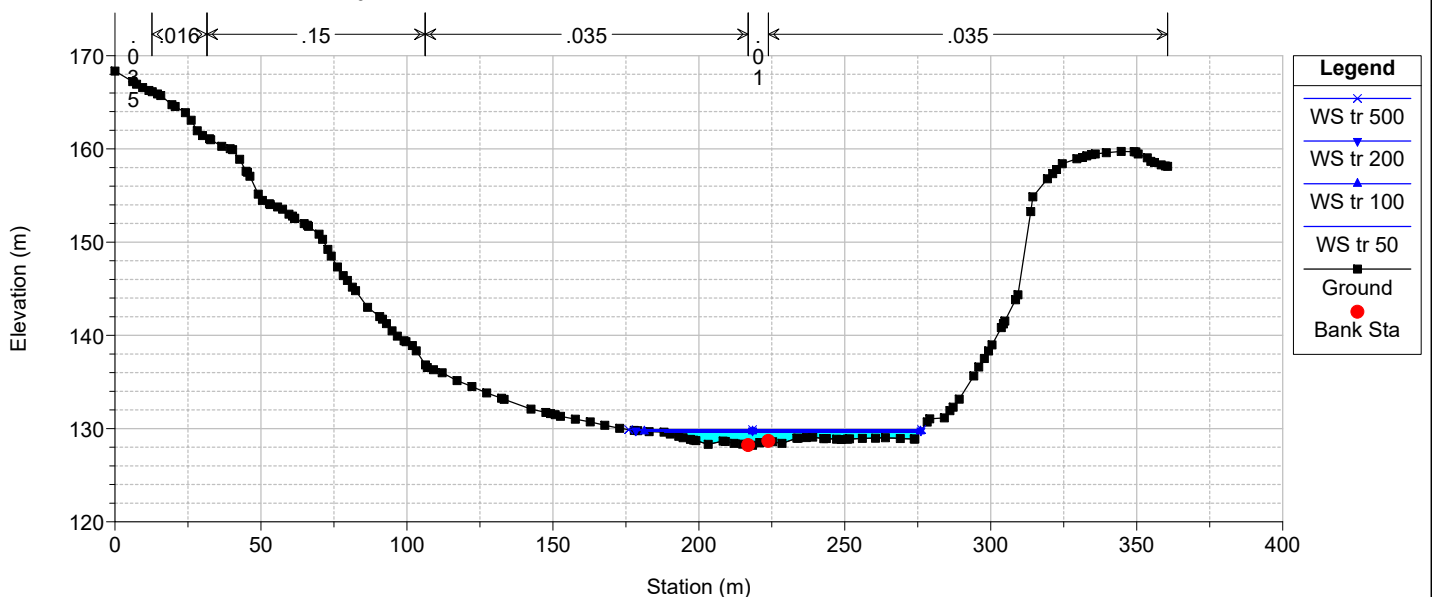
River = RioOttava Reach = RioLogulentu RS = 13770.69 SEZIONE 79 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

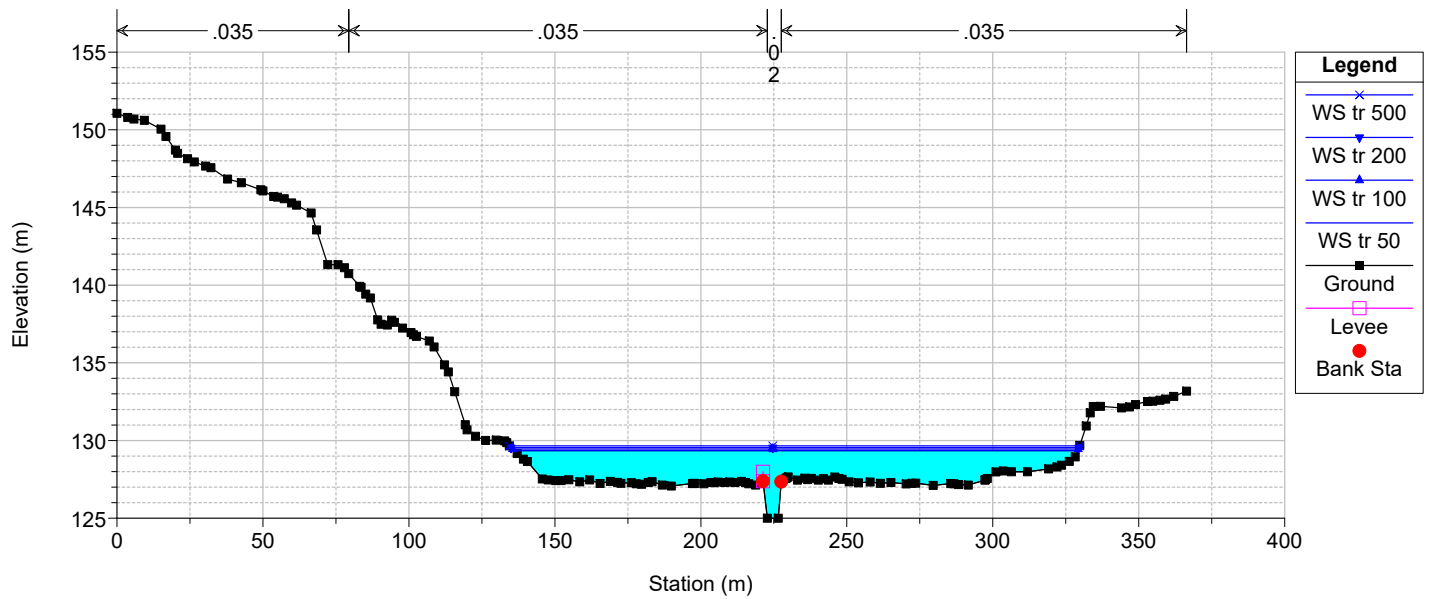
River = RioOttava Reach = RioLogulentu RS = 13546.25 SEZIONE 78 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

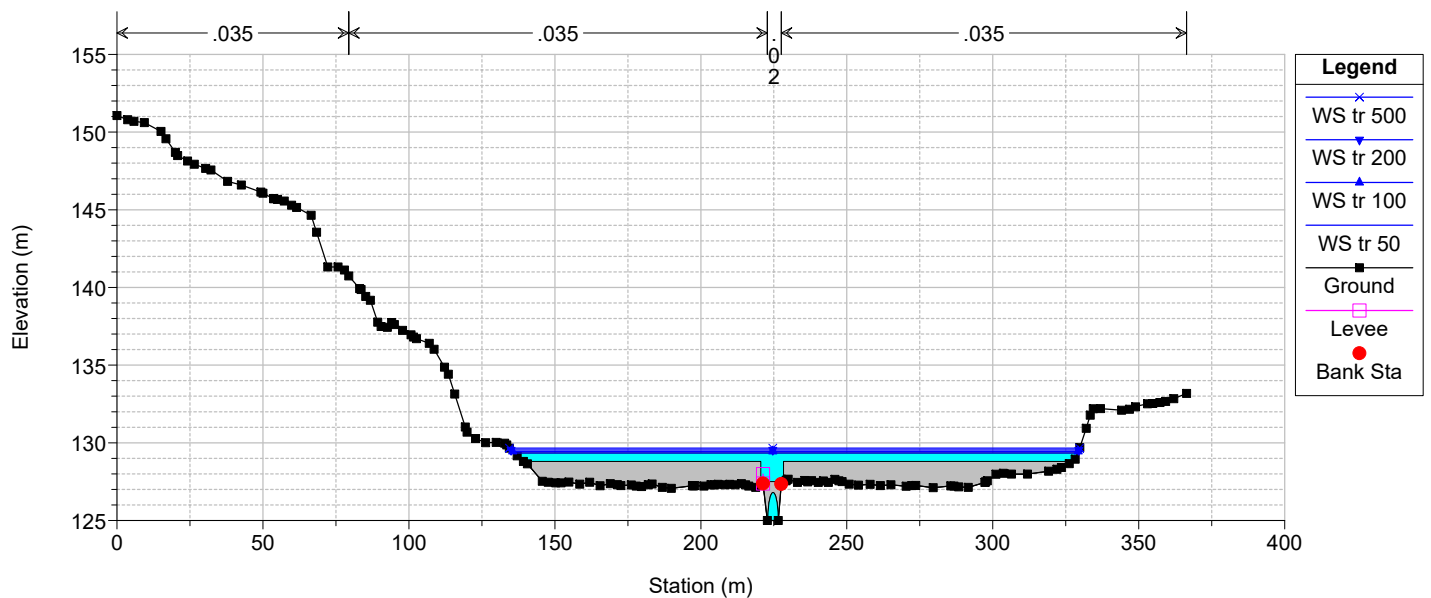
River = RioOttava Reach = RioLogulentu RS = 13332.99 SEZIONE 77 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

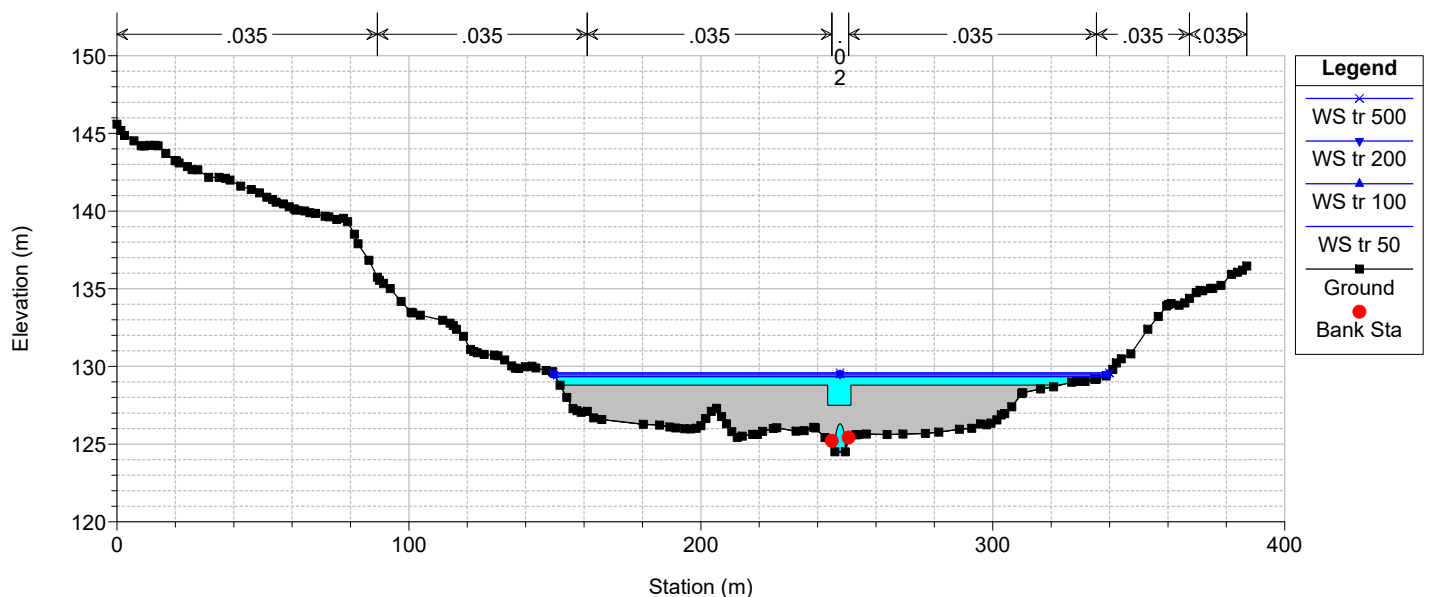
River = RioOttava Reach = RioLogulentu RS = 13320 Culv ATTRAVERSAMENTO 11 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

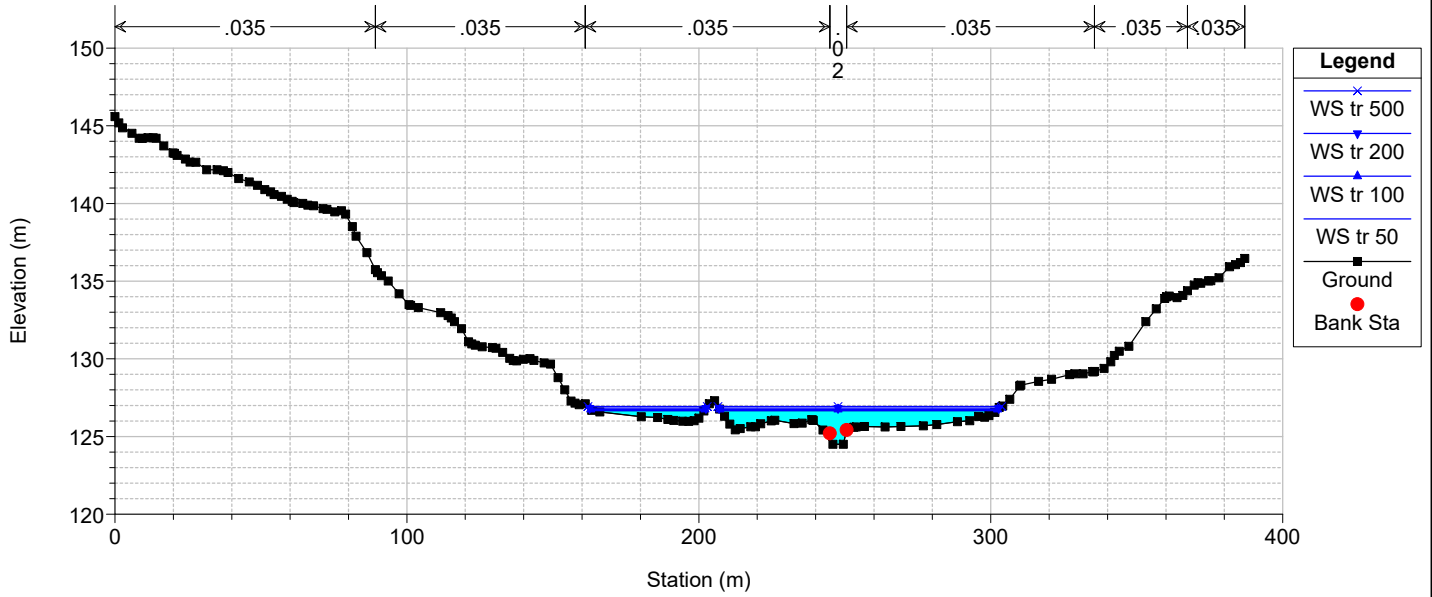
River = RioOttava Reach = RioLogulentu RS = 13320 Culv ATTRAVERSAMENTO 11 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

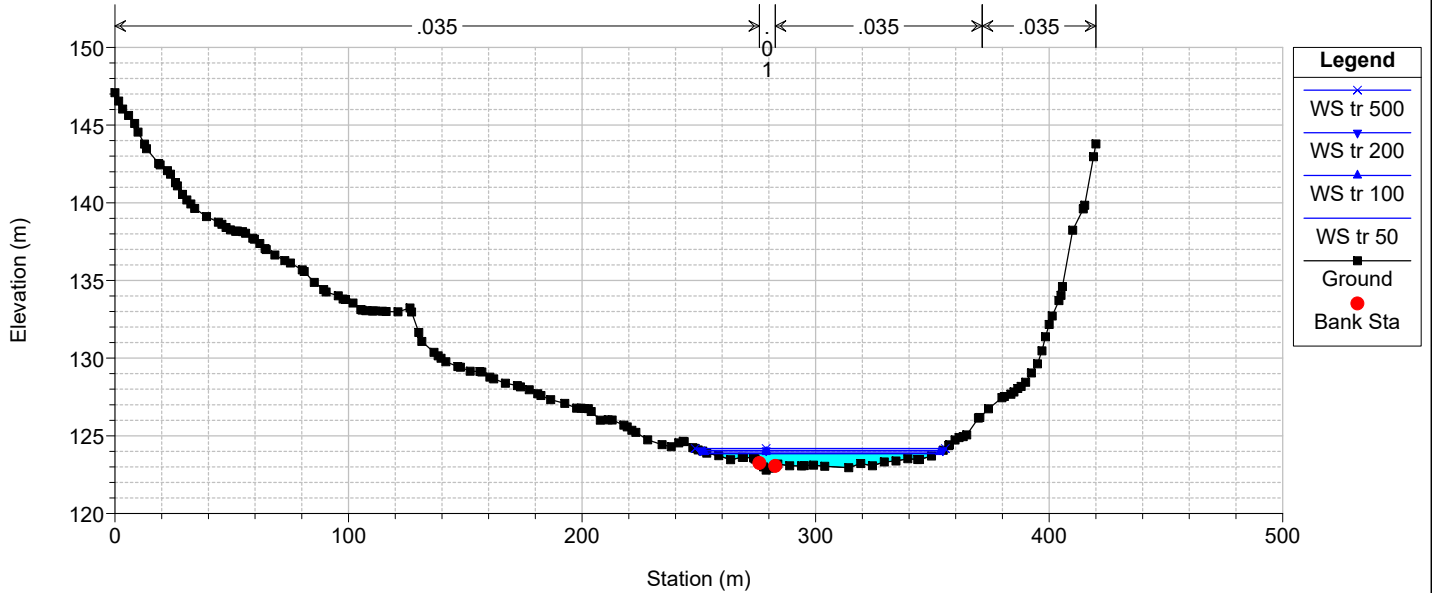
River = RioOttava Reach = RioLogolentu RS = 13311.11 SEZIONE 76 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

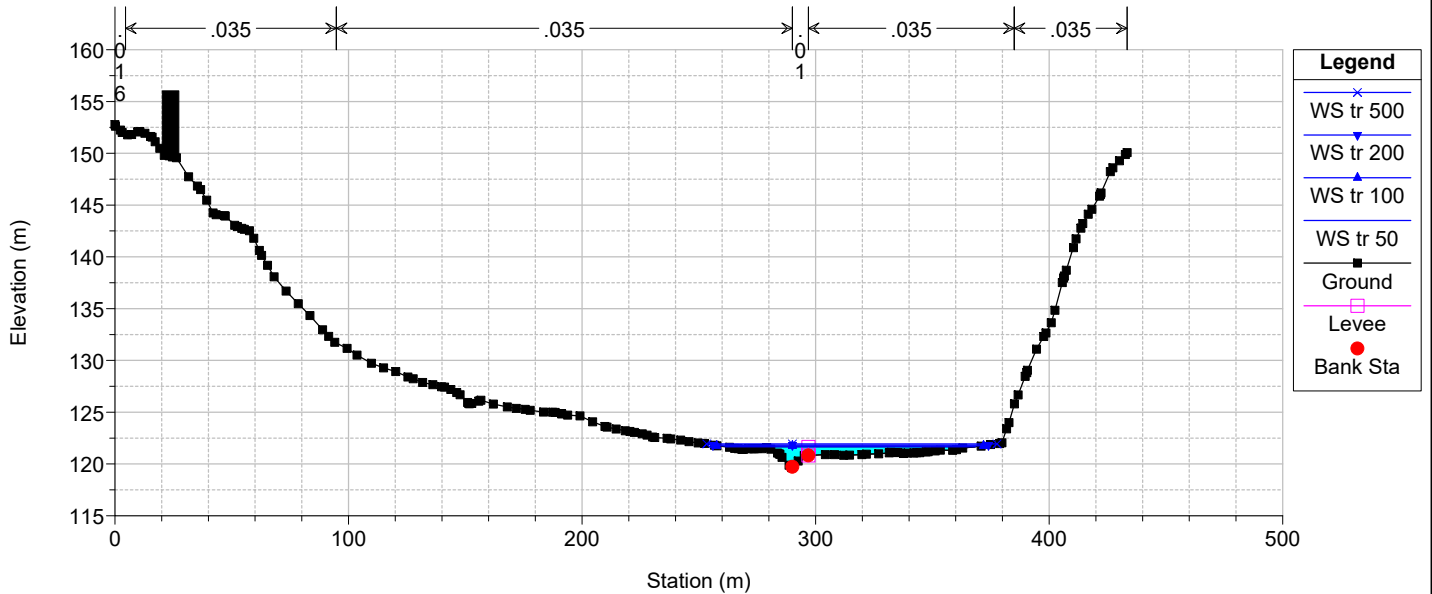
River = RioOttava Reach = RioLogolentu RS = 13123.61 SEZIONE 75 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

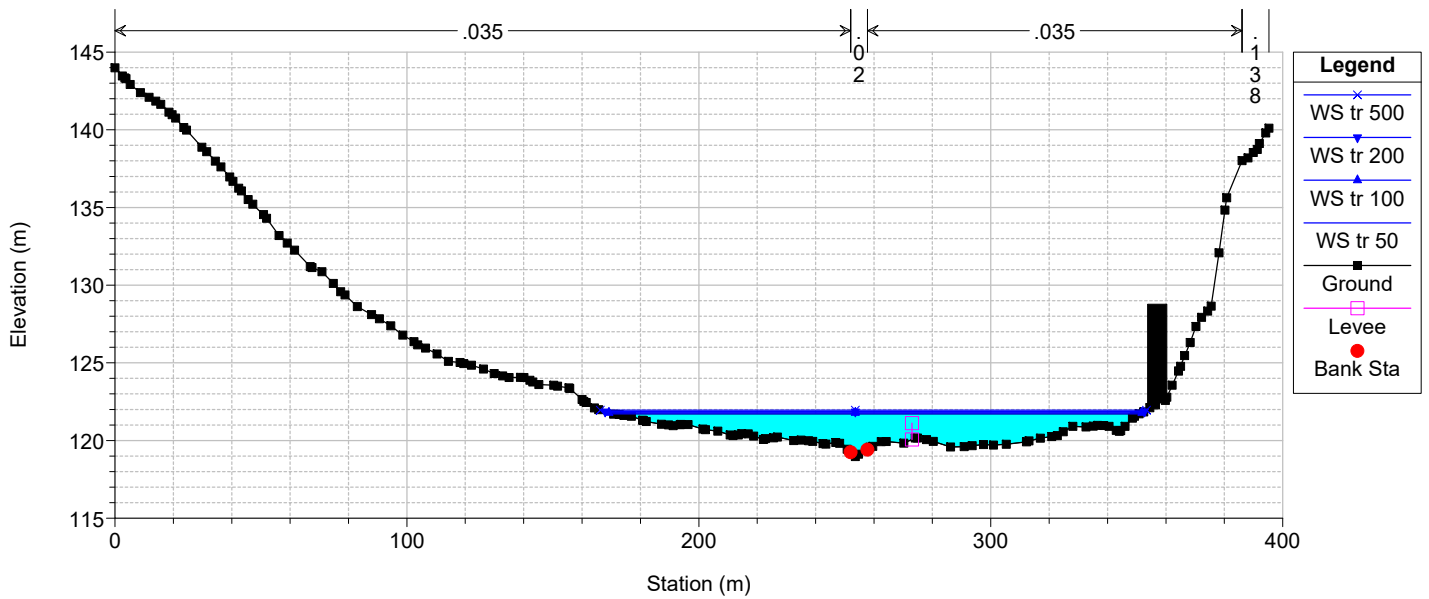
River = RioOttava Reach = RioLogolentu RS = 12910.90 SEZIONE 74 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

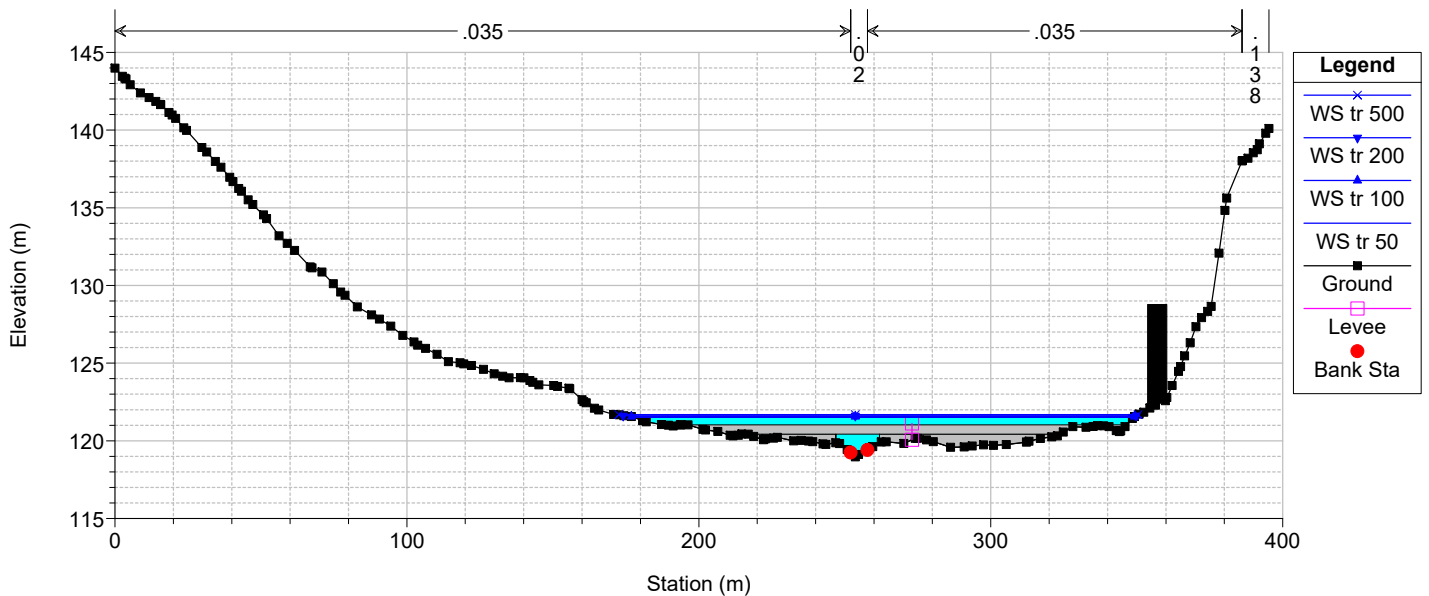
River = RioOttava Reach = RioLogulentu RS = 12737.84 SEZIONE 73 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

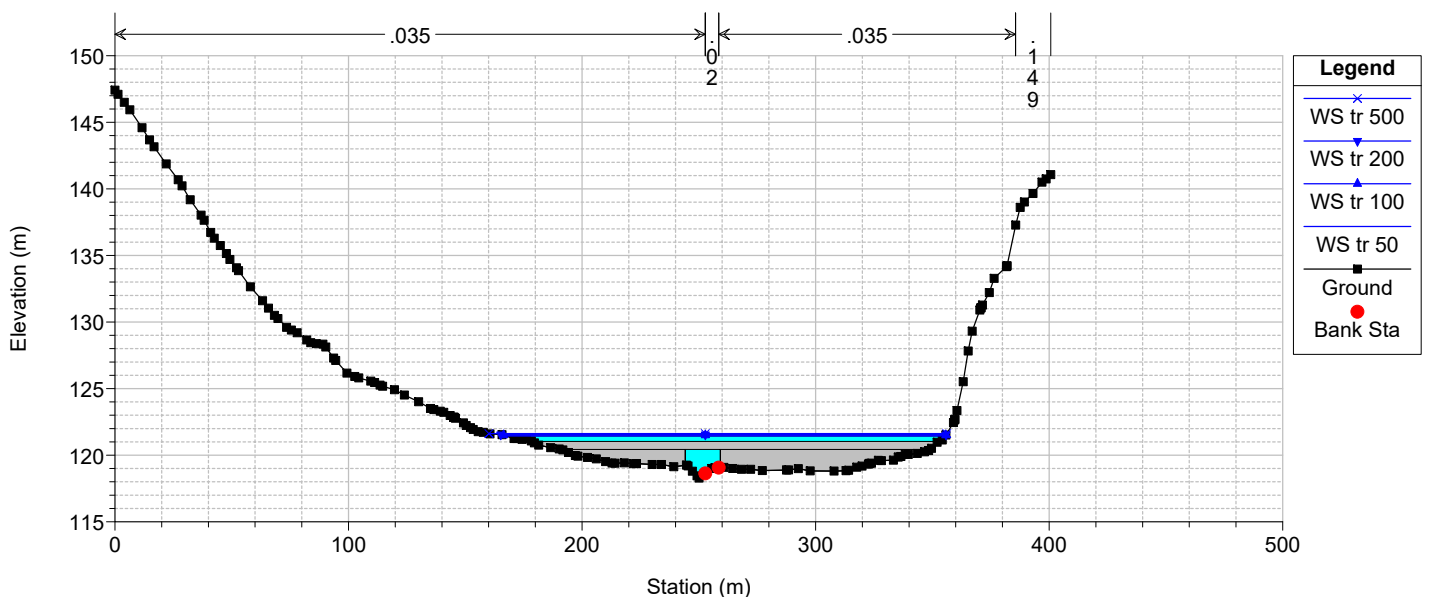
River = RioOttava Reach = RioLogulentu RS = 12720 BR ATTRAVERSAMENTO 10 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

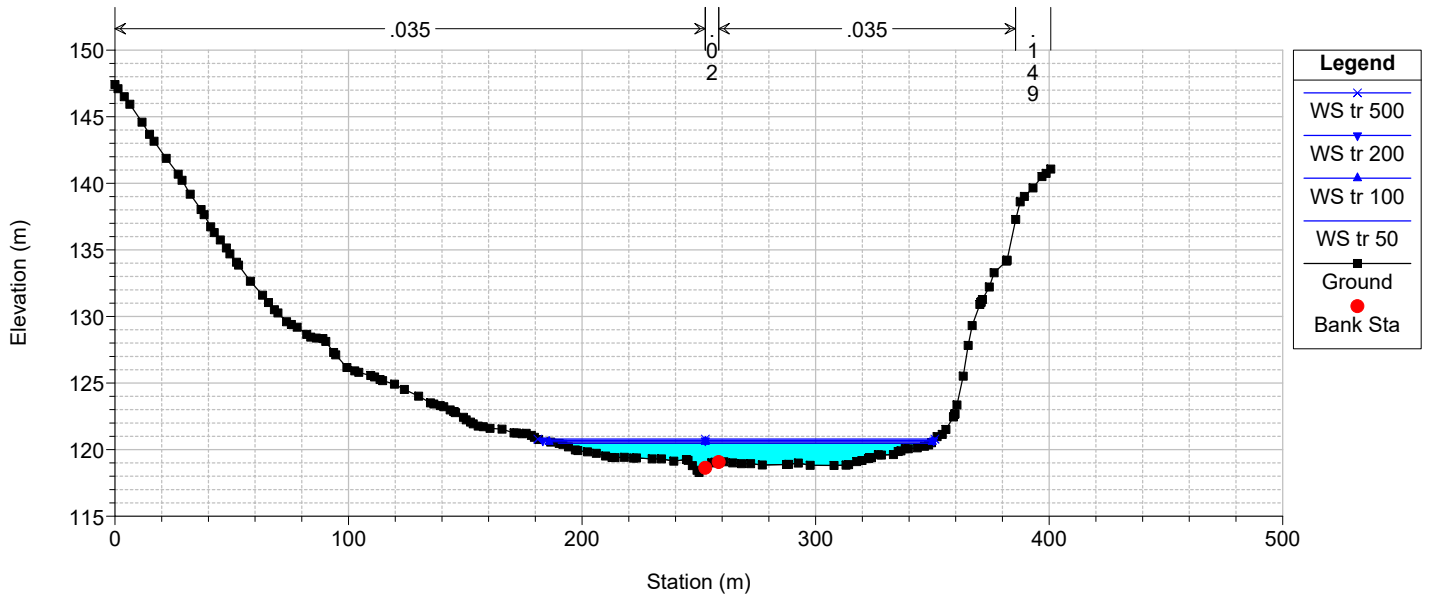
River = RioOttava Reach = RioLogulentu RS = 12720 BR ATTRAVERSAMENTO 10 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

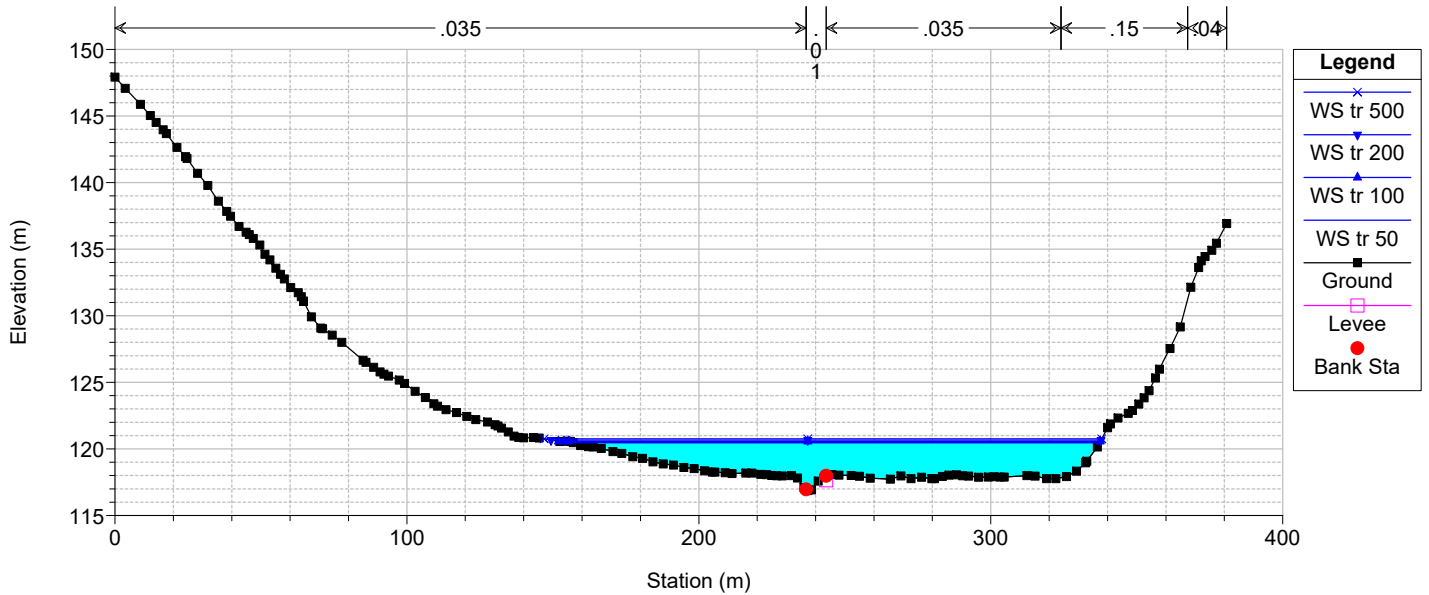
River = RioOttava Reach = RioLogolentu RS = 12715.17 SEZIONE 72 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

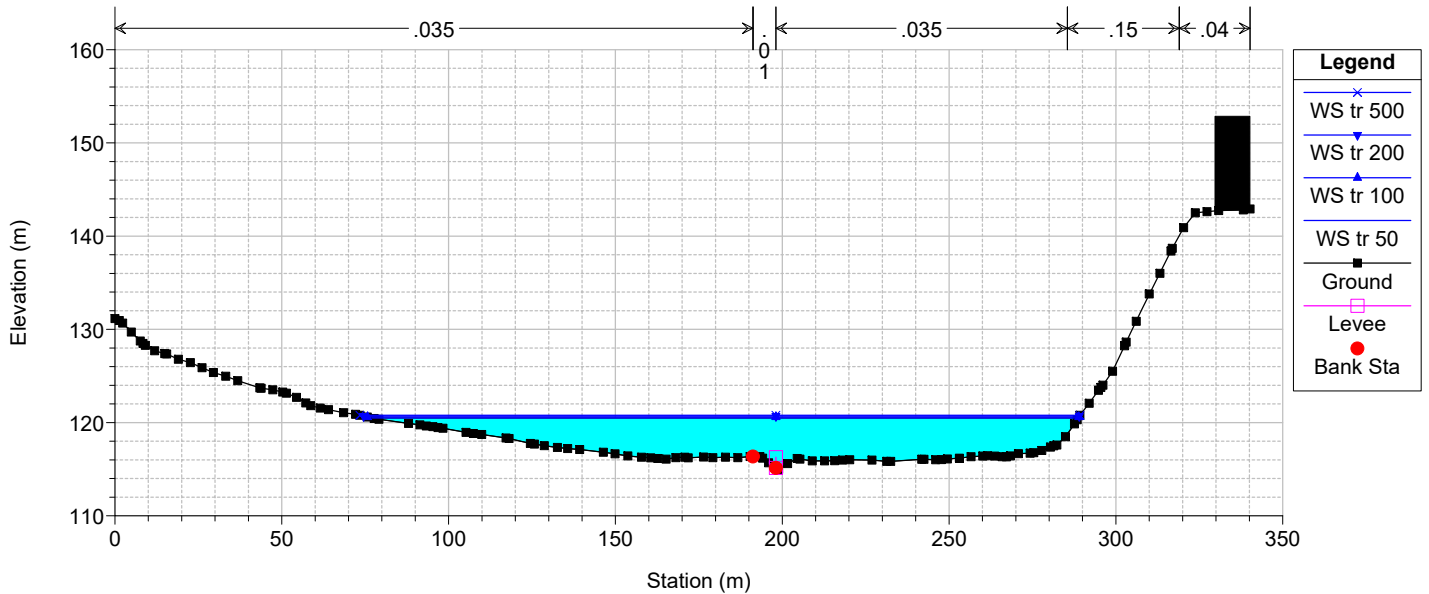
River = RioOttava Reach = RioLogolentu RS = 12567.43 SEZIONE 71 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

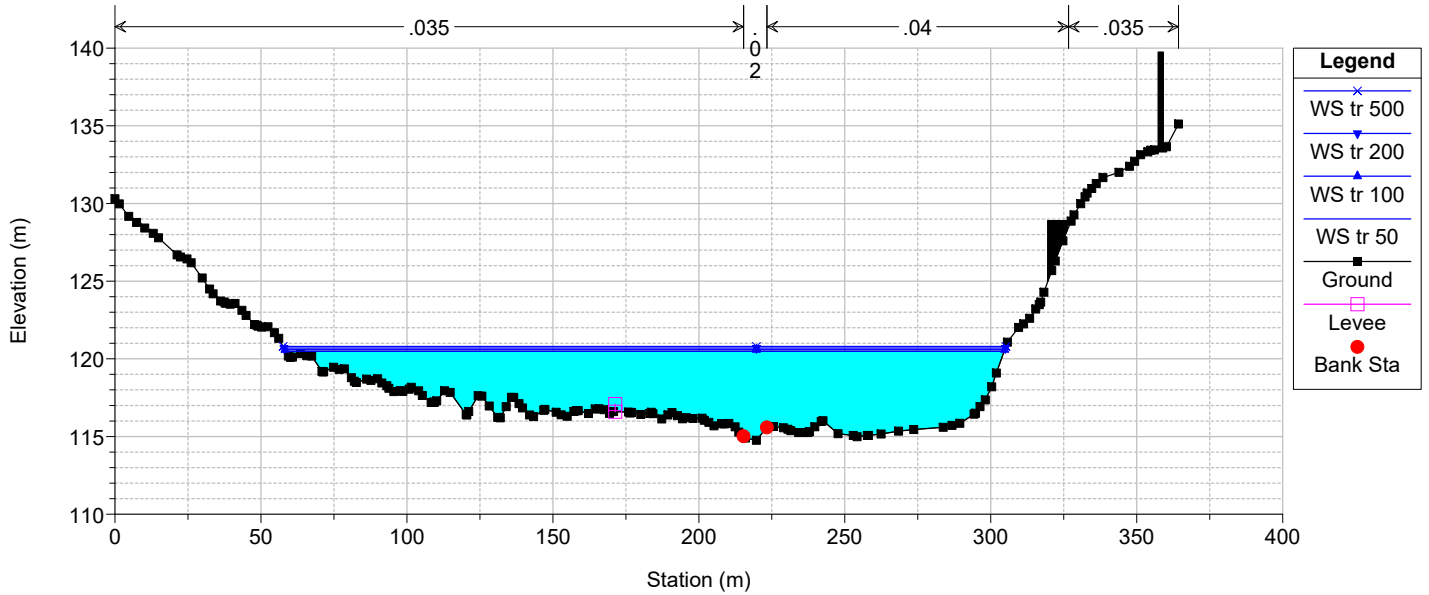
River = RioOttava Reach = RioLogolentu RS = 12414.14 SEZIONE 70 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



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Geom: 05022021 Flow: 05022021

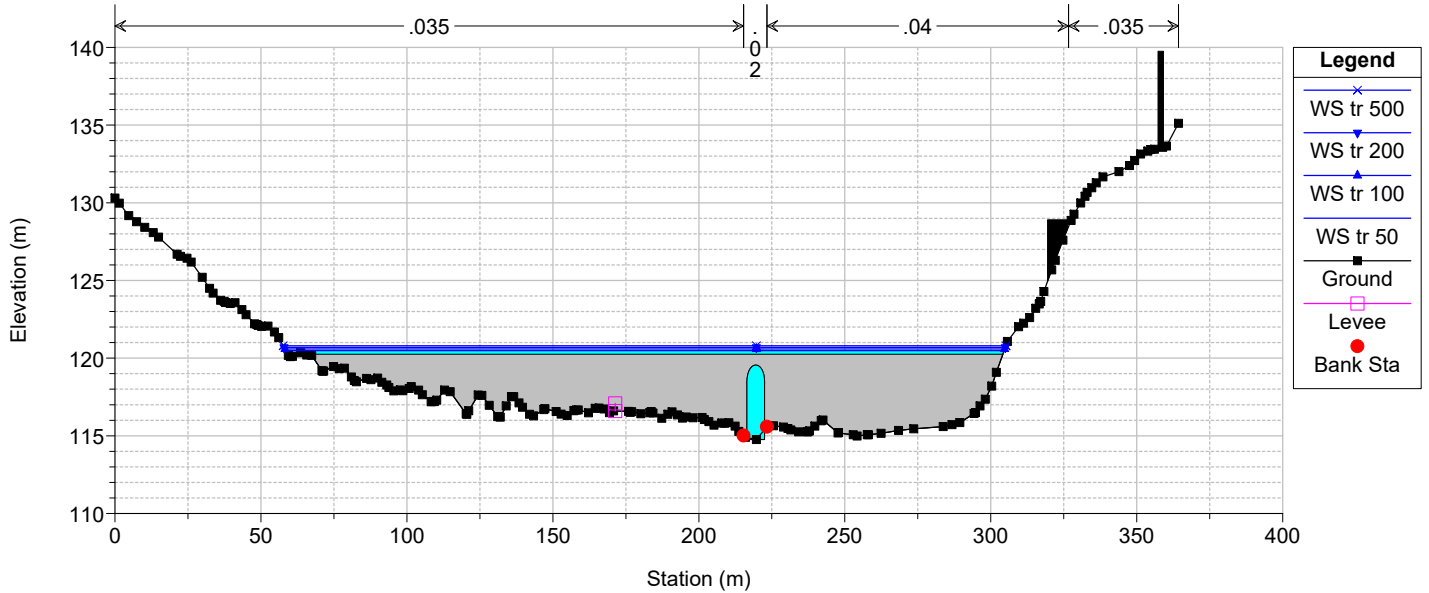
River = RioOttava Reach = RioLogulentu RS = 12219.20 SEZIONE 69 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



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Geom: 05022021 Flow: 05022021

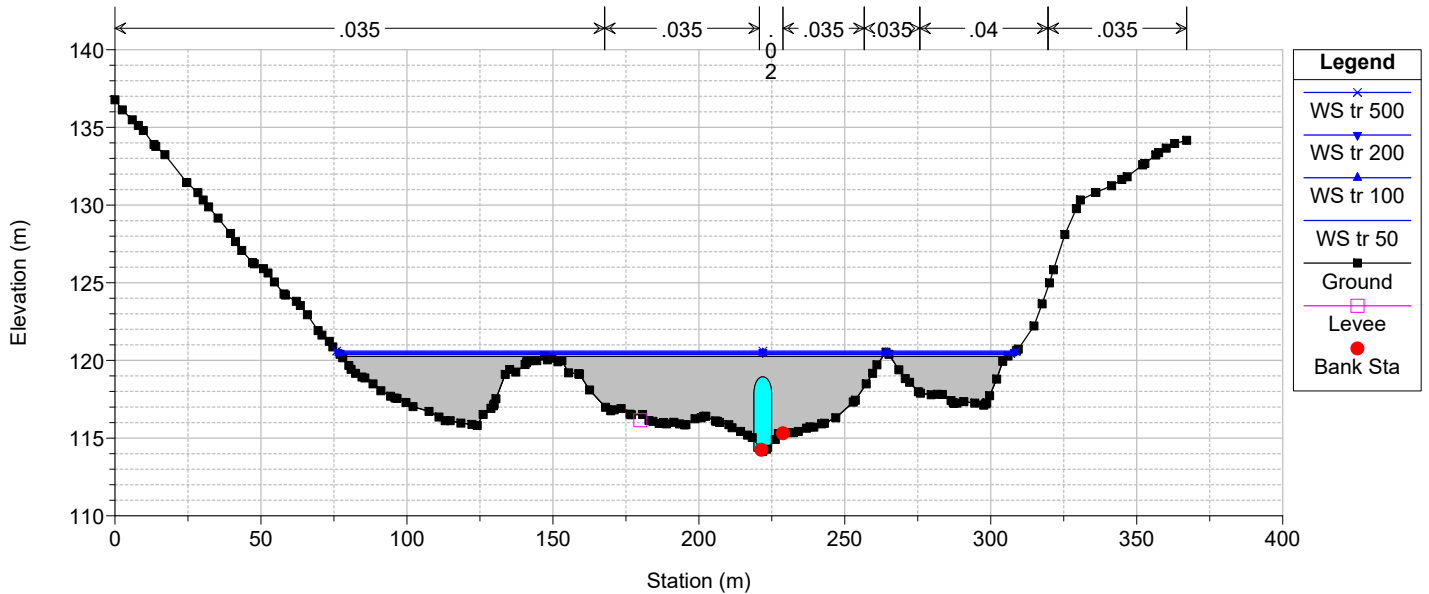
River = RioOttava Reach = RioLogulentu RS = 12200 Culv ATTRAVERSAMENTO 9 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

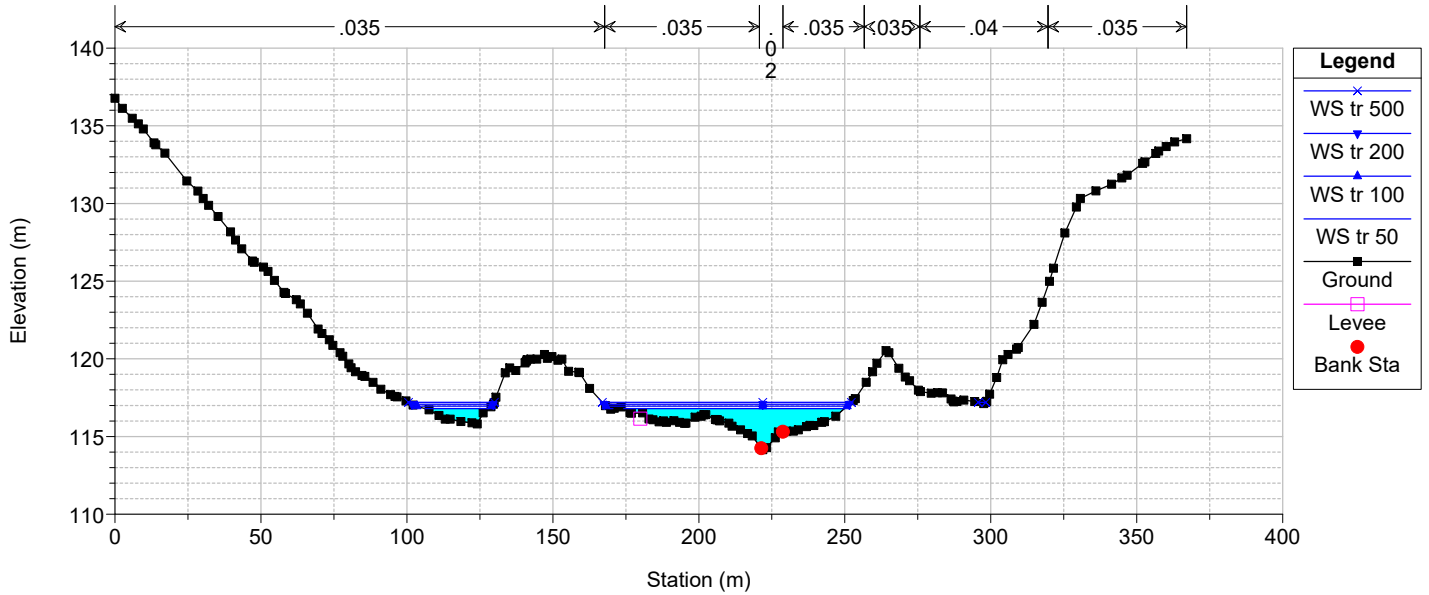
River = RioOttava Reach = RioLogulentu RS = 12200 Culv ATTRAVERSAMENTO 9 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

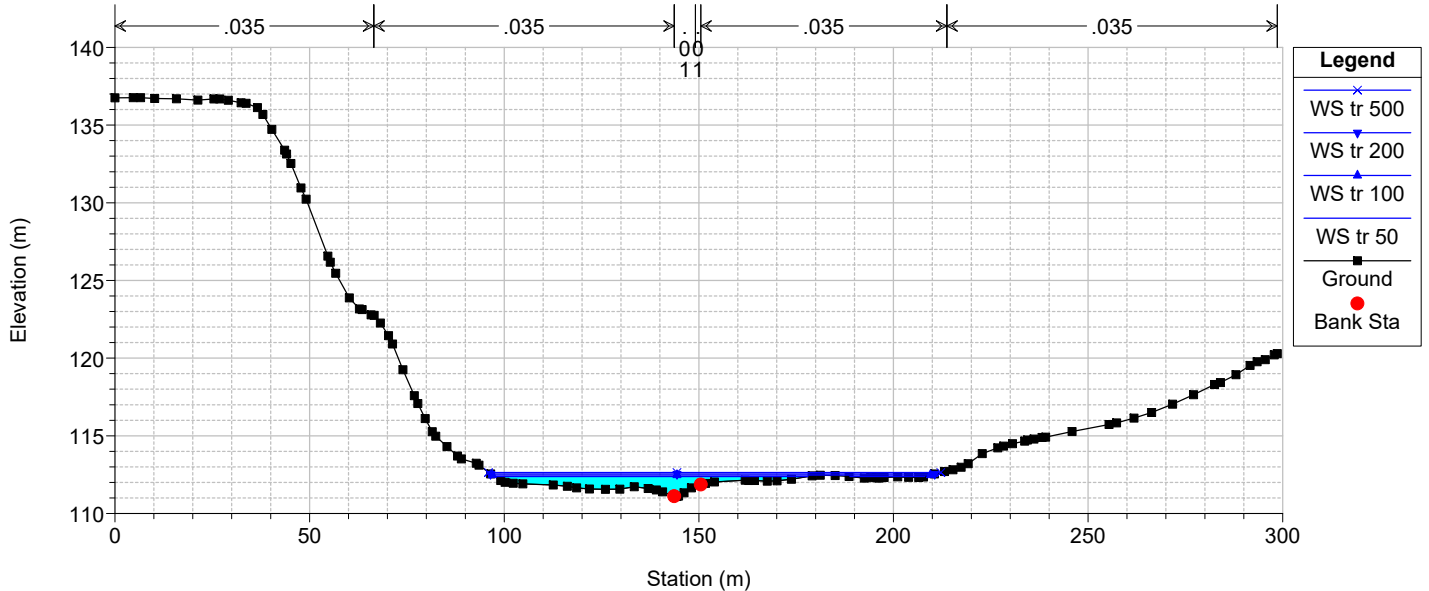
River = RioOttava Reach = RioLogolentu RS = 12190.17 SEZIONE 68 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

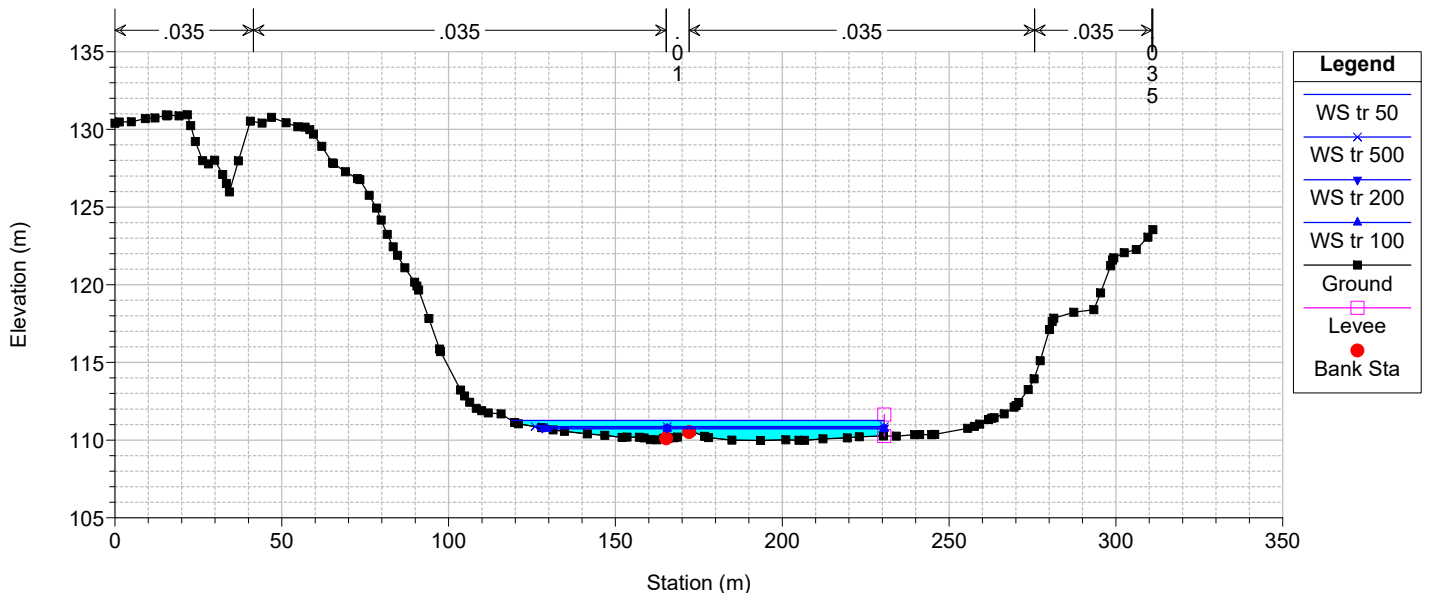
River = RioOttava Reach = RioLogolentu RS = 11962.44 SEZIONE 67 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



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Geom: 05022021 Flow: 05022021

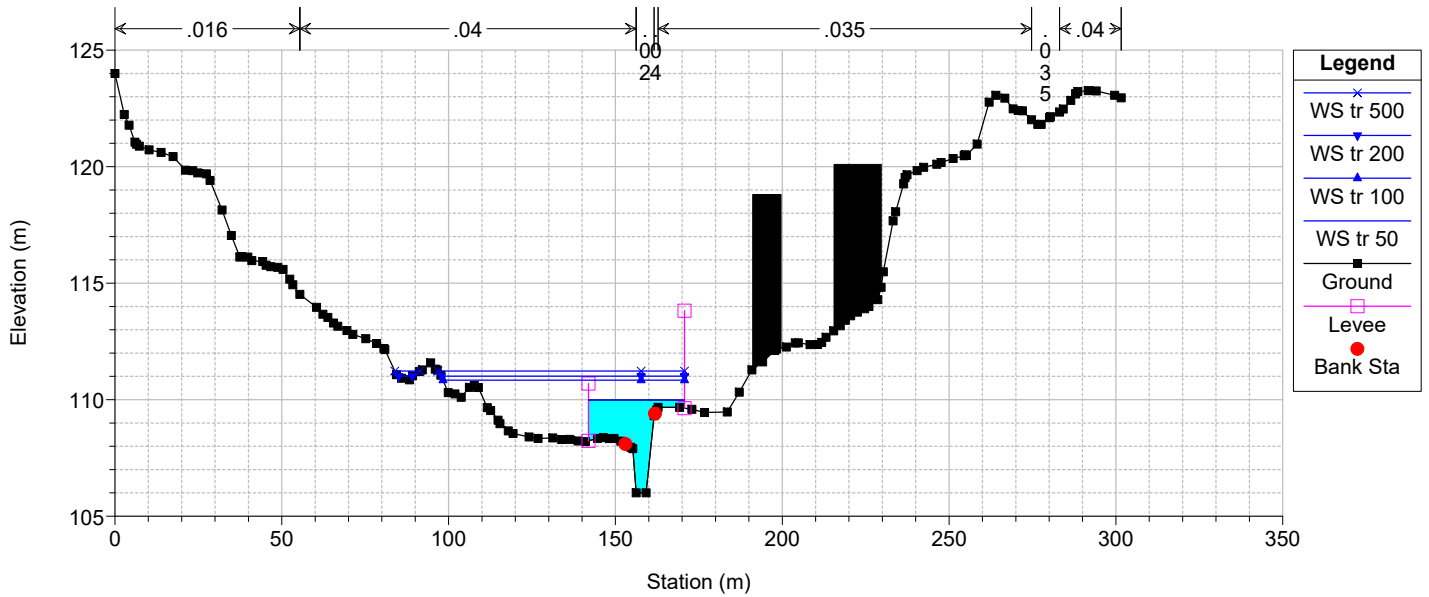
River = RioOttava Reach = RioLogolentu RS = 11800.95 SEZIONE 66 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

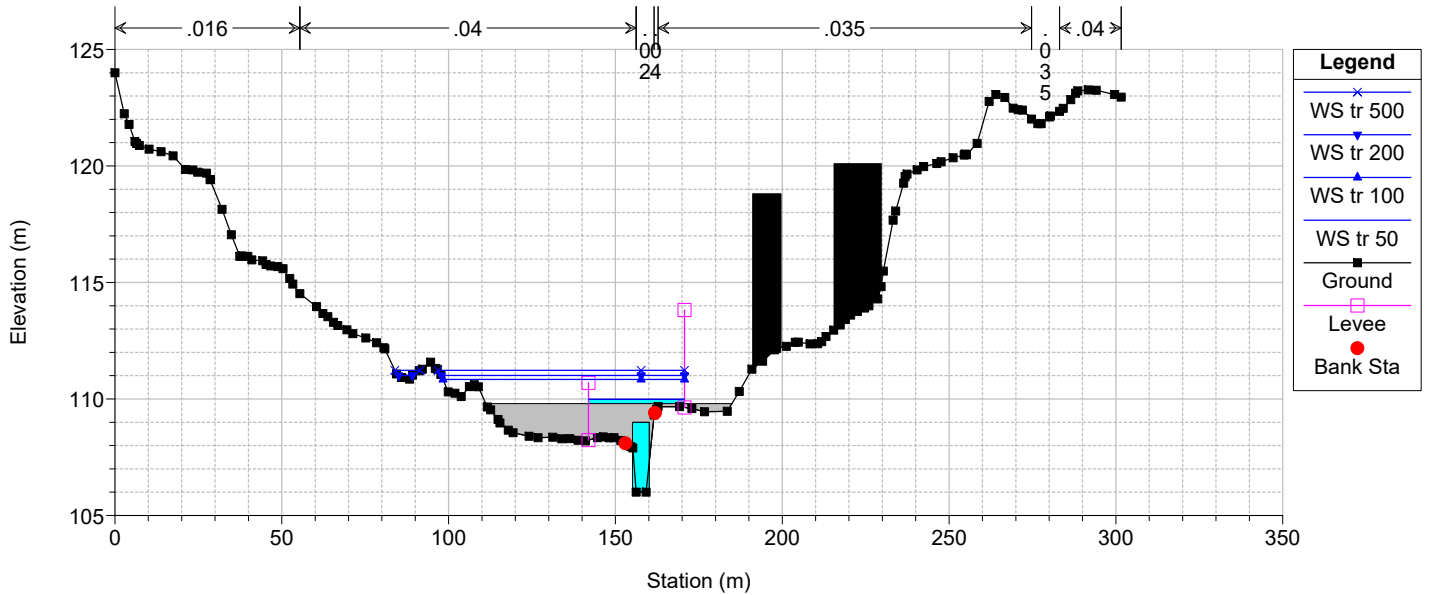
River = RioOttava Reach = RioLogulentu RS = 11607.50 SEZIONE 65 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

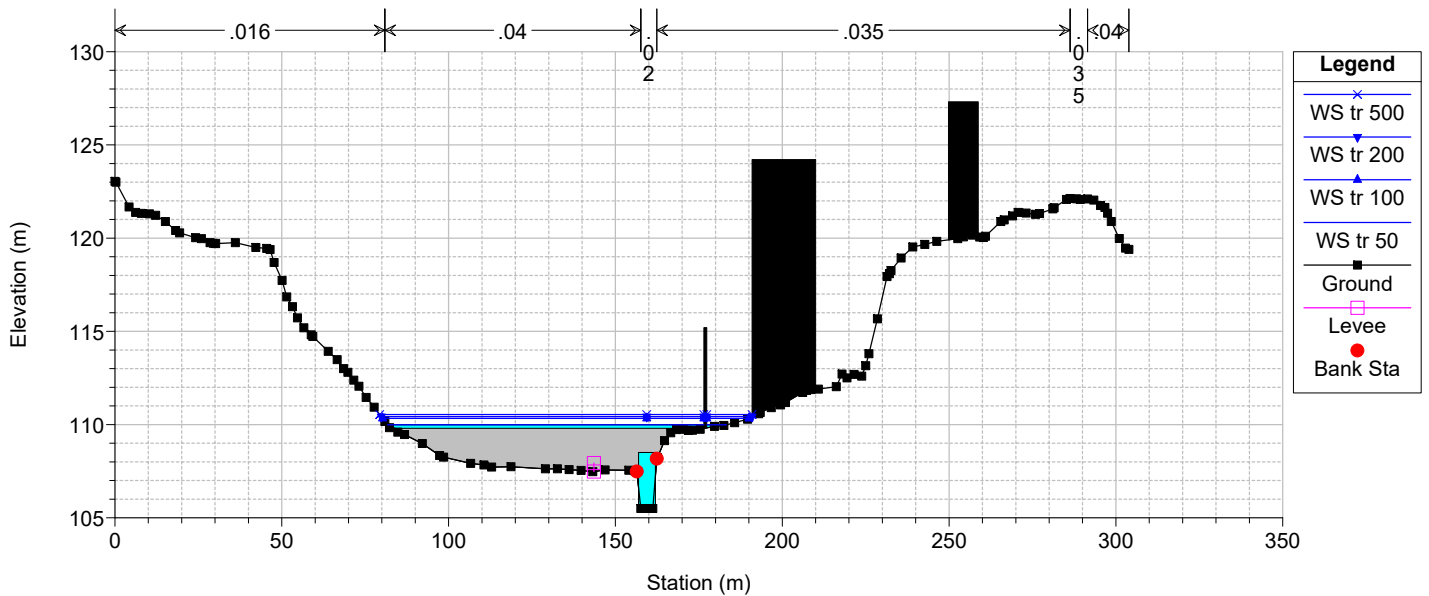
River = RioOttava Reach = RioLogulentu RS = 11595 Culv ATTRAVERSAMENTO 8 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

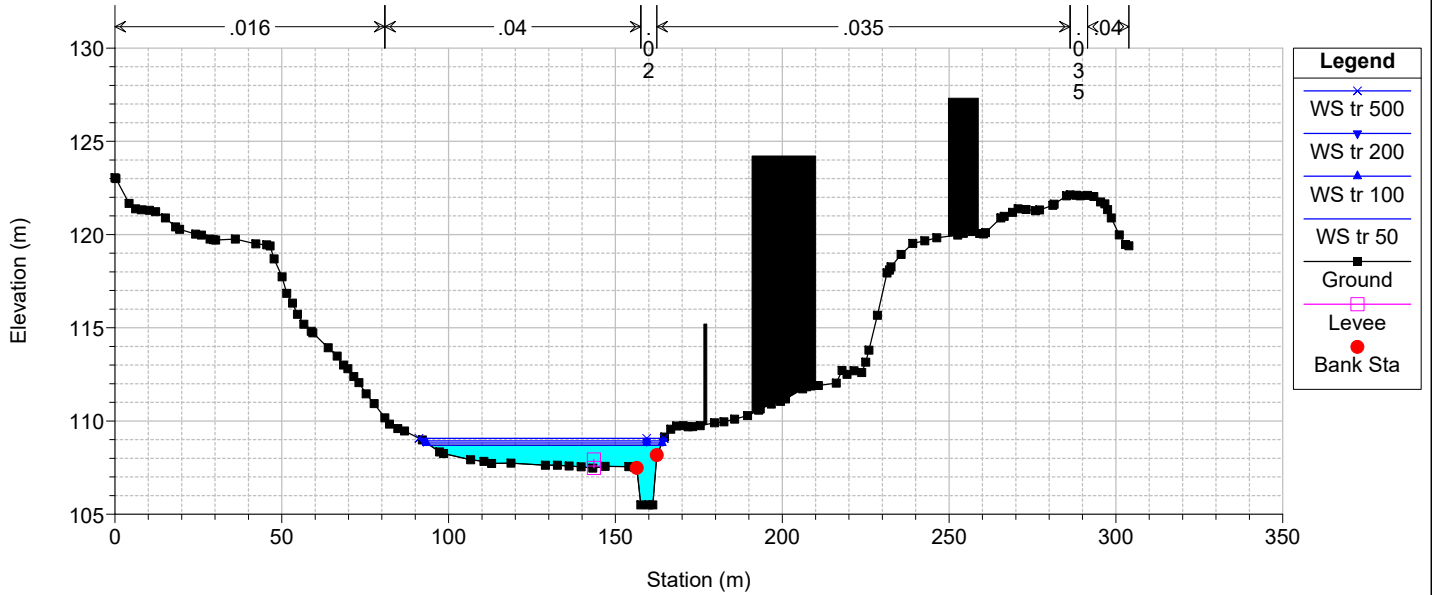
River = RioOttava Reach = RioLogulentu RS = 11595 Culv ATTRAVERSAMENTO 8 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

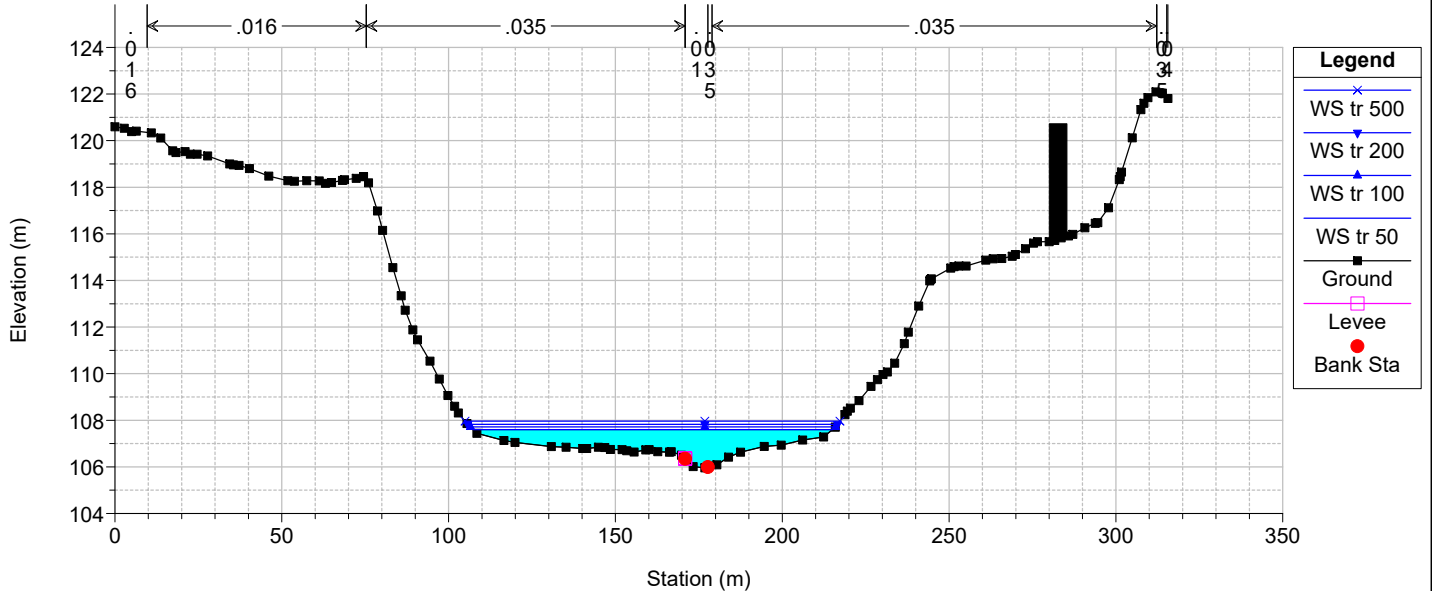
River = RioOttava Reach = RioLogulentu RS = 11589.69 SEZIONE 64 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

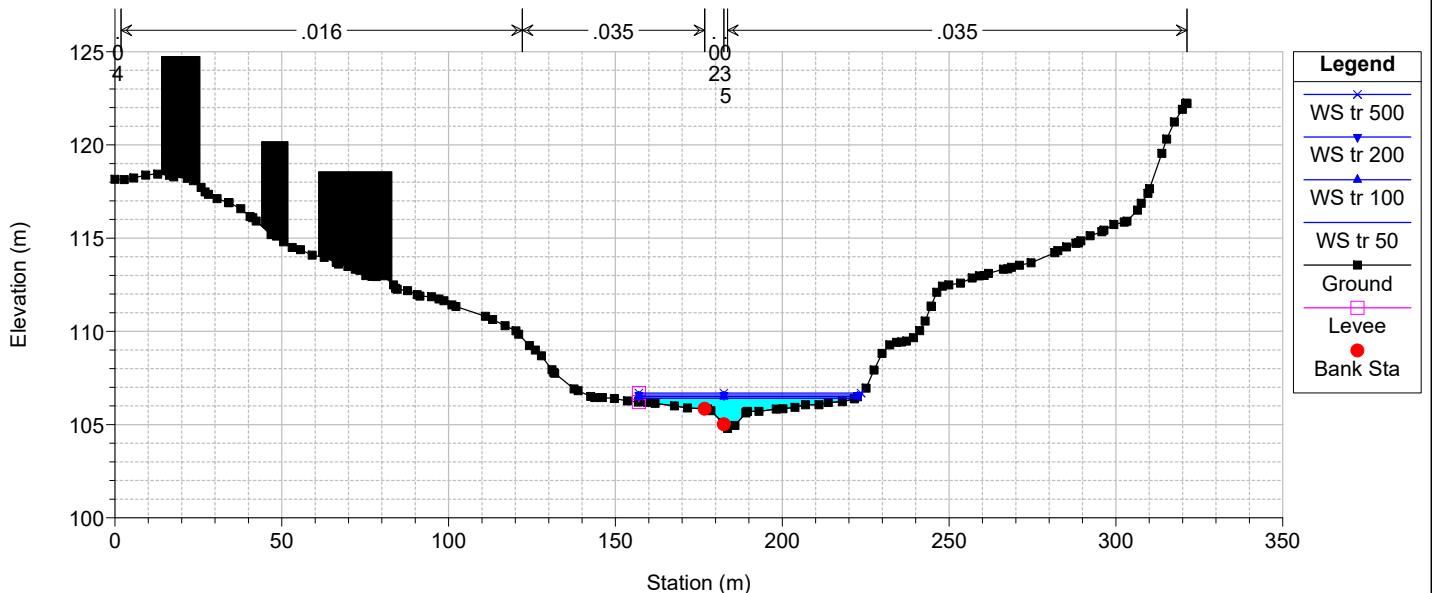
River = RioOttava Reach = RioLogulentu RS = 11509.73 SEZIONE 63 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

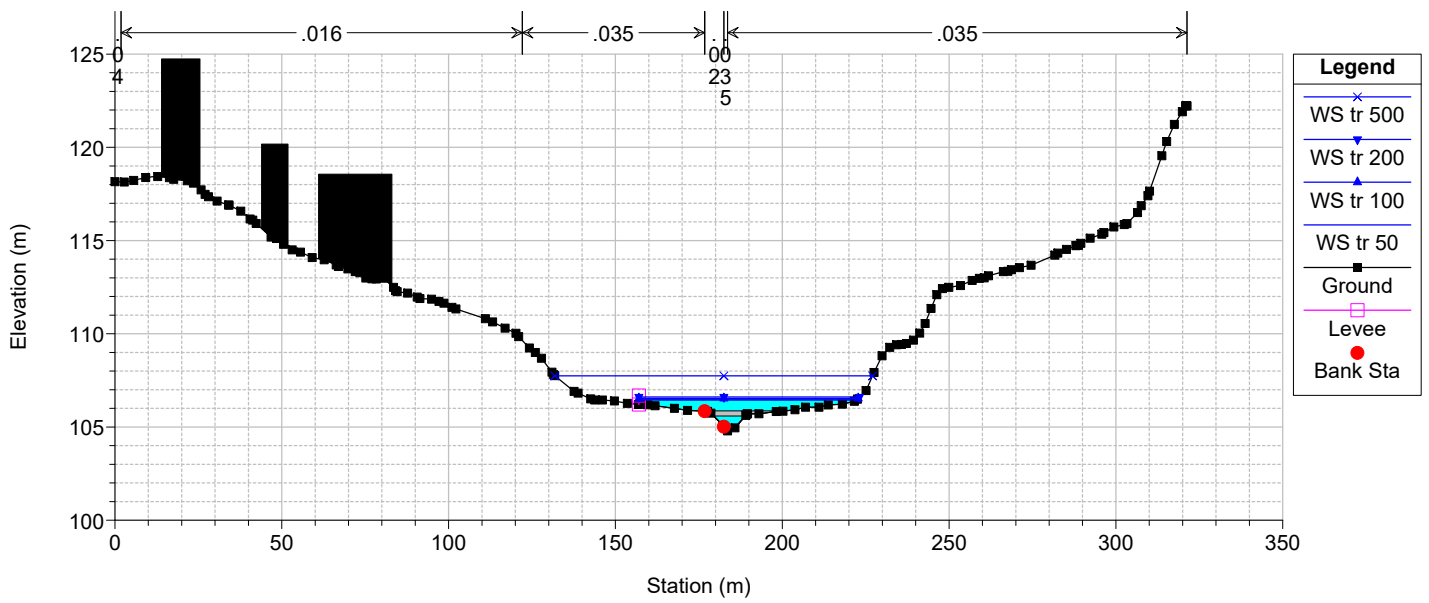
River = RioOttava Reach = RioLogulentu RS = 11448.17 SEZIONE 62 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

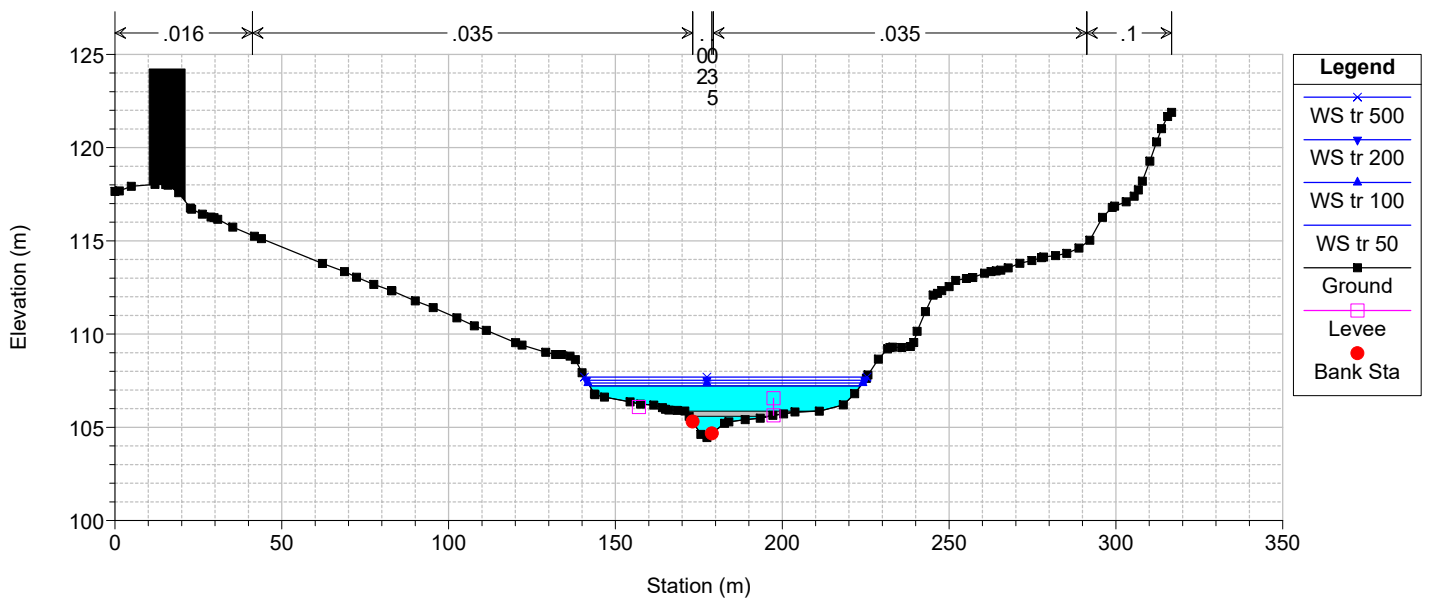
River = RioOttava Reach = RioLogulentu RS = 11435 BR ATTRAVERSAMENTO 7 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

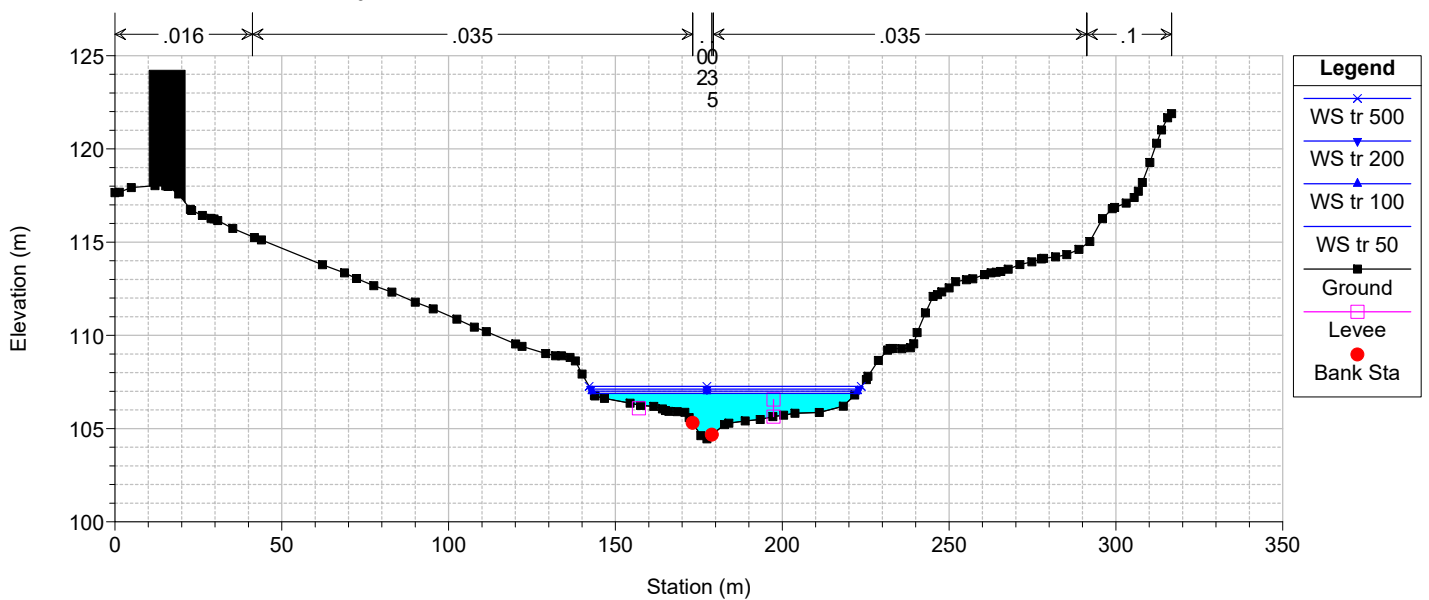
River = RioOttava Reach = RioLogulentu RS = 11435 BR ATTRAVERSAMENTO 7 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

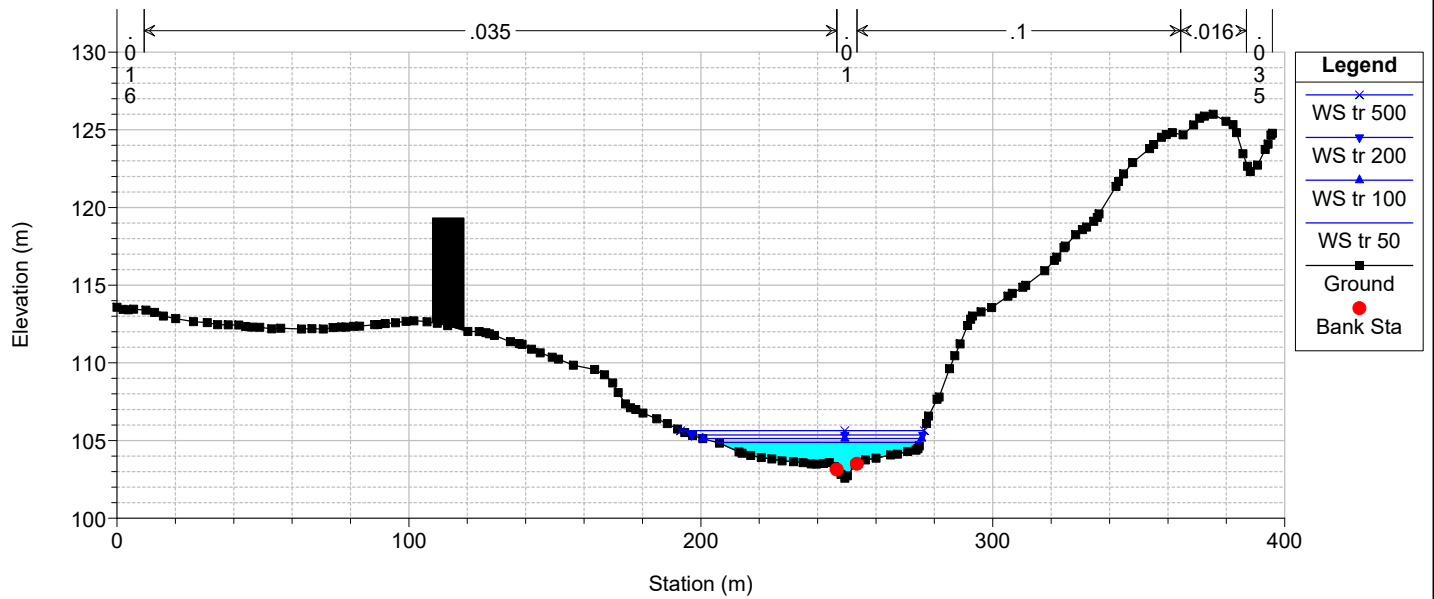
River = RioOttava Reach = RioLogulentu RS = 11430.13 SEZIONE 61 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

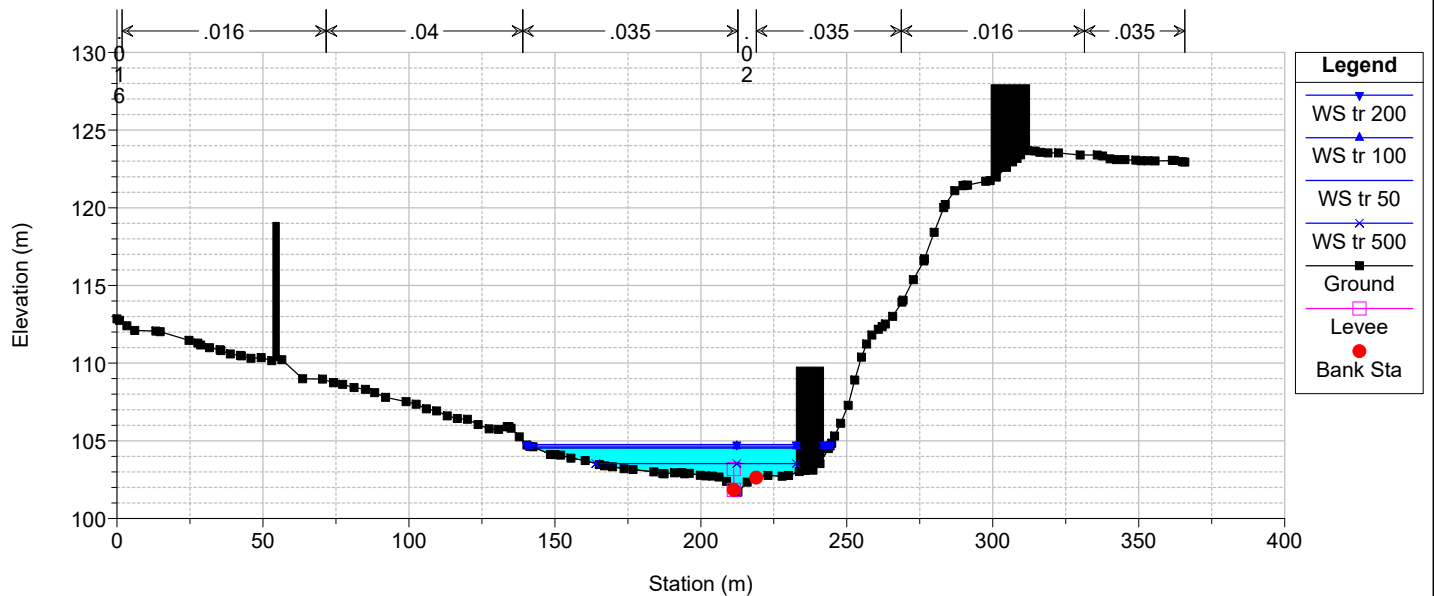
River = RioOttava Reach = RioLogulentu RS = 11241.61 SEZIONE 60 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

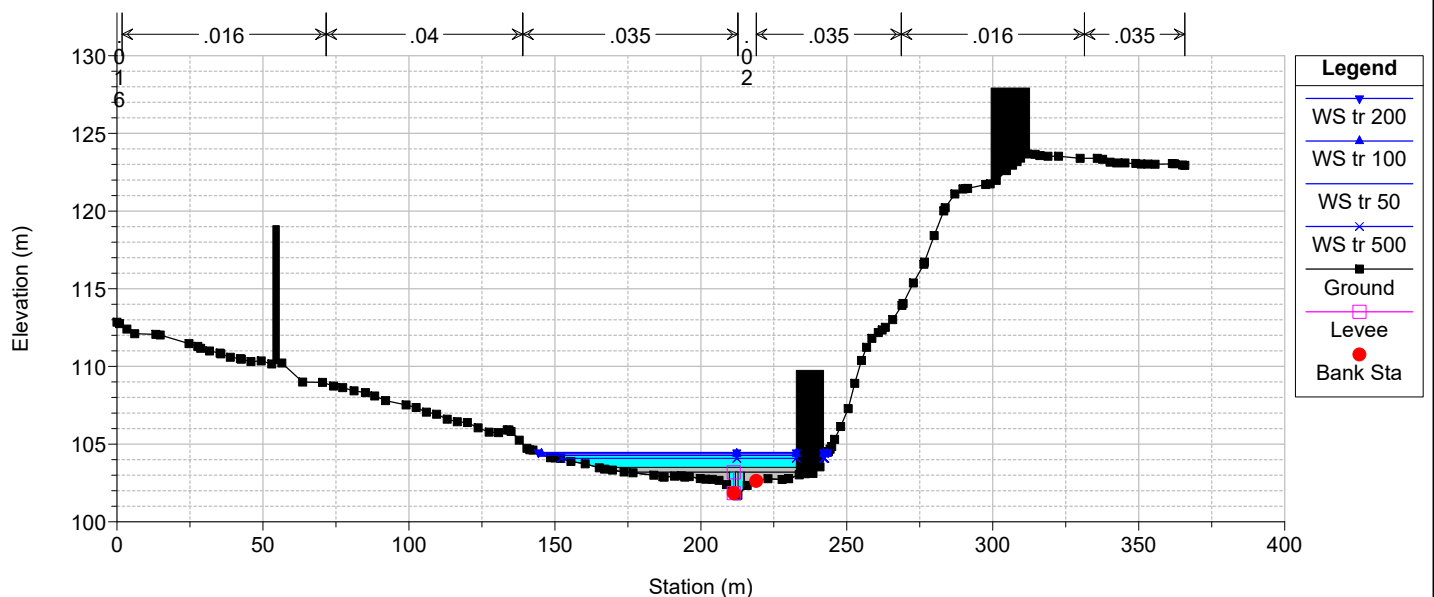
River = RioOttava Reach = RioLogulentu RS = 11111.54 SEZIONE 59 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

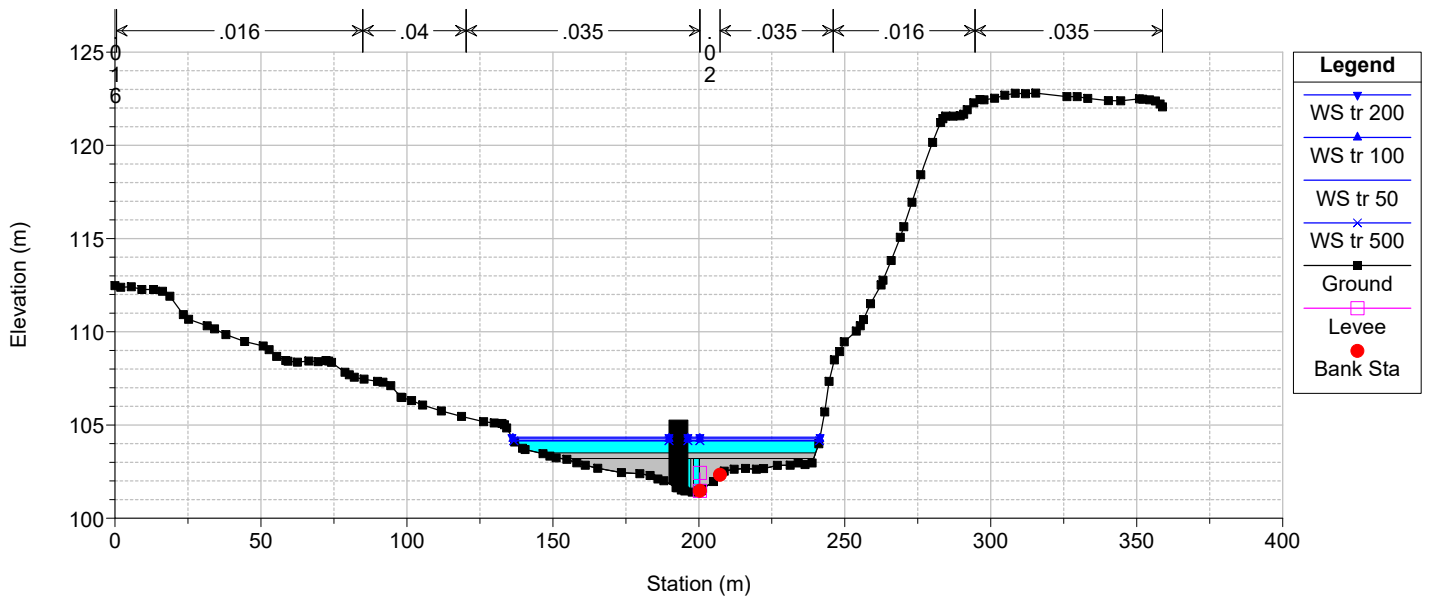
River = RioOttava Reach = RioLogulentu RS = 11100 BR ATTRAVERSAMENTO 6 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

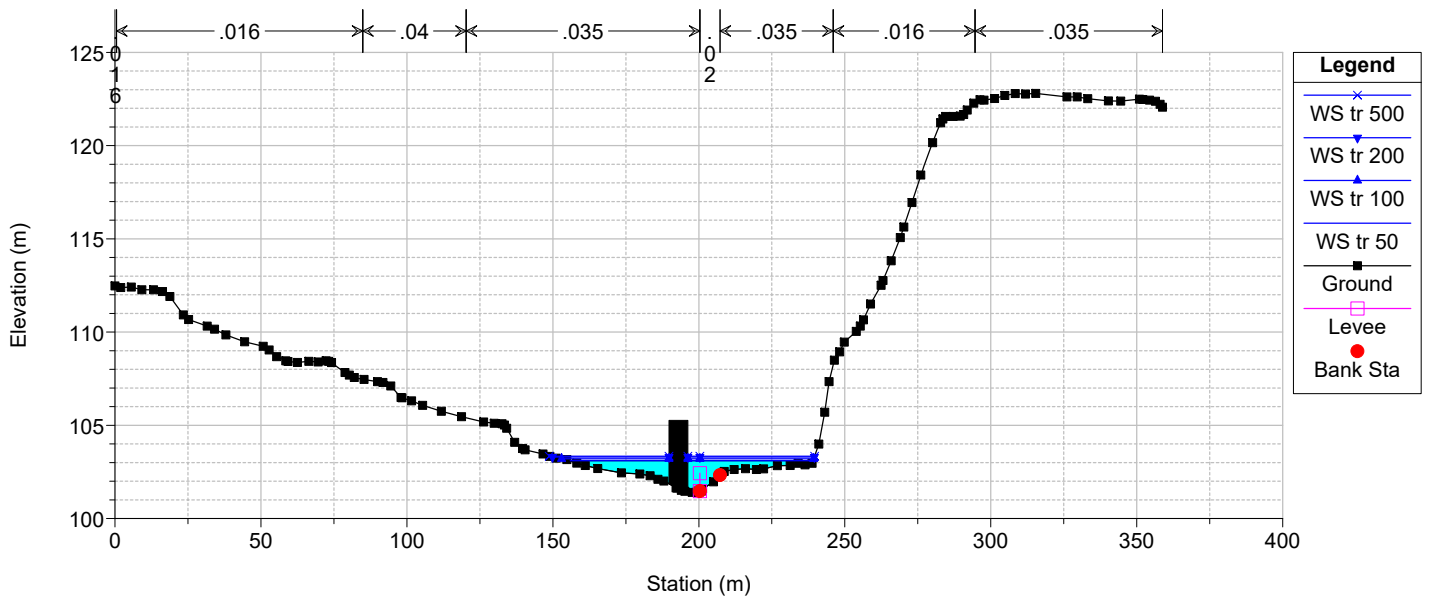
River = RioOttava Reach = RioLogulentu RS = 11100 BR ATTRAVERSAMENTO 6 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

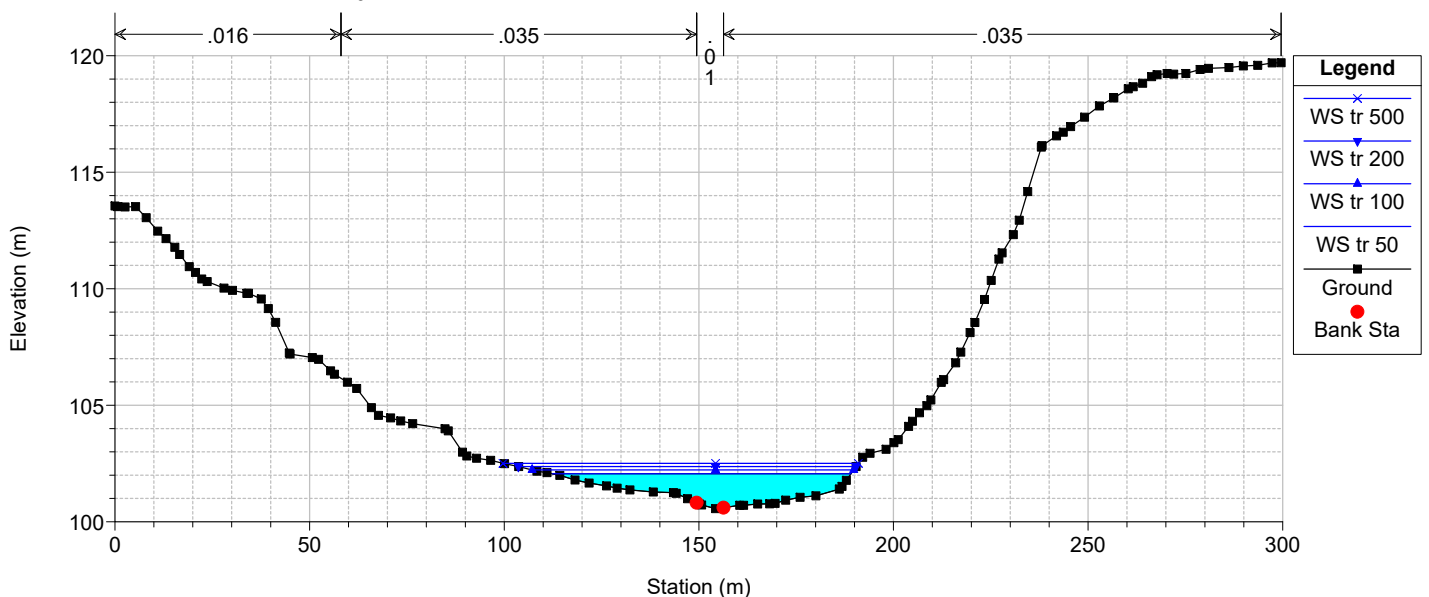
River = RioOttava Reach = RioLogulentu RS = 11094.32 SEZIONE 58 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

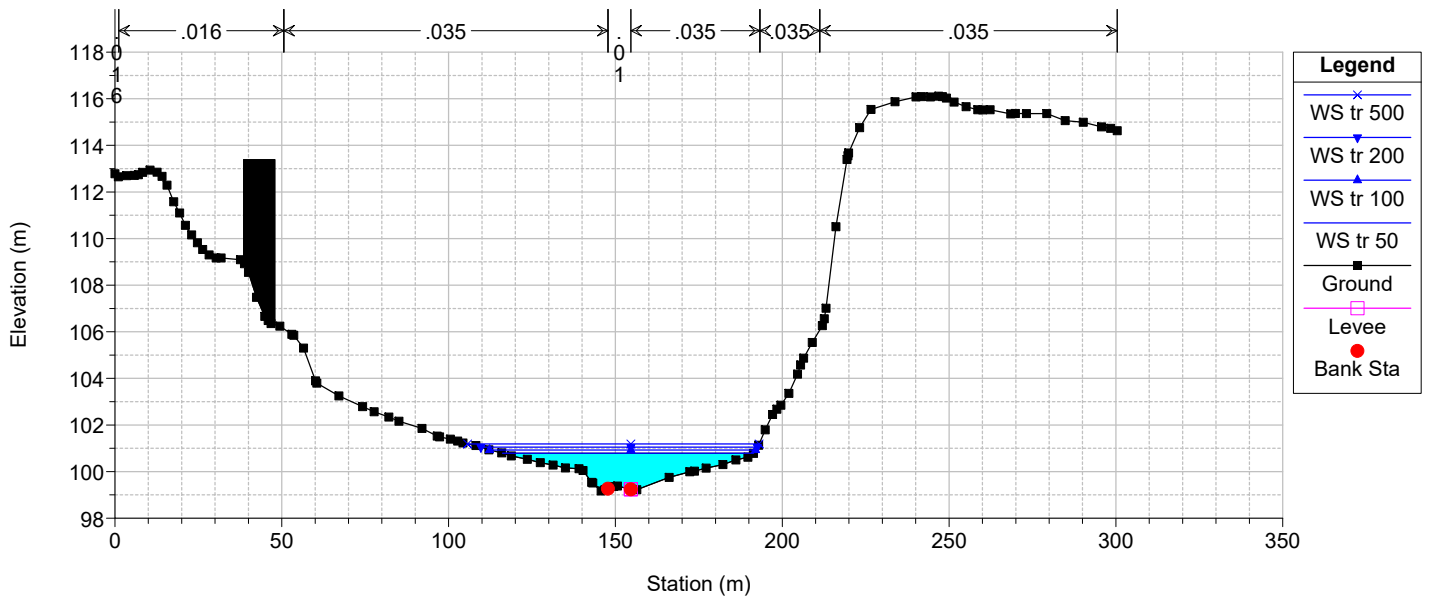
River = RioOttava Reach = RioLogulentu RS = 10979.78 SEZIONE 57 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

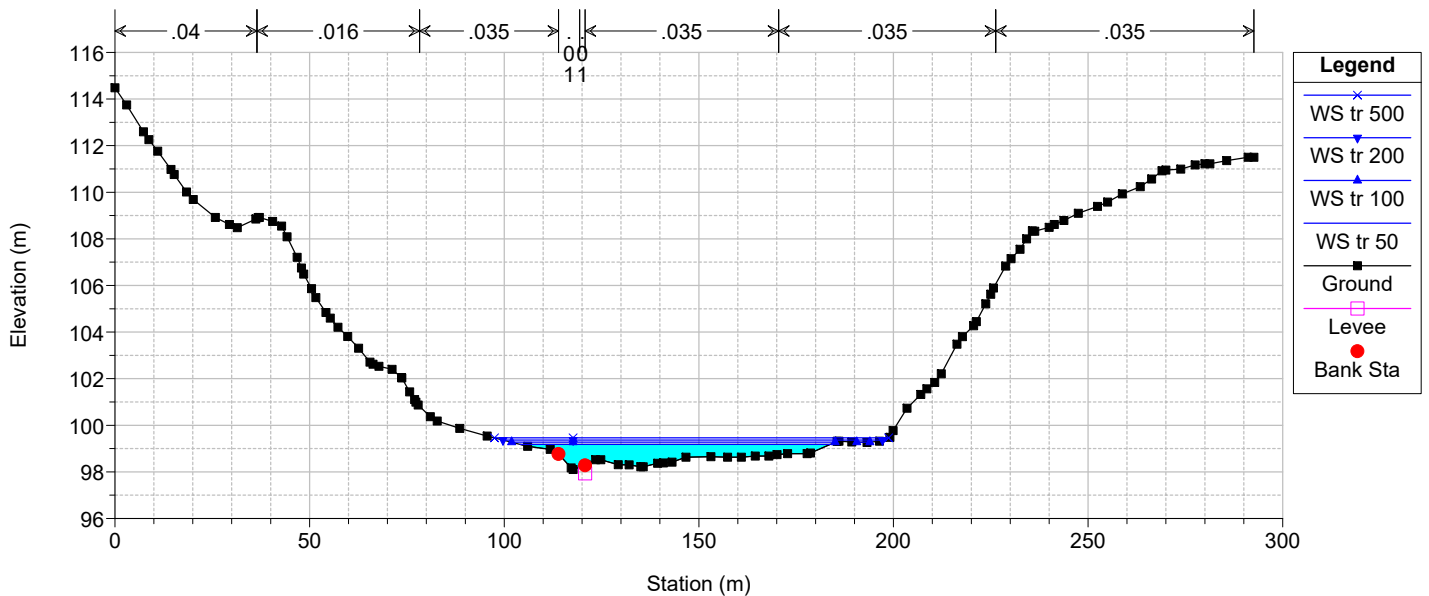
River = RioOttava Reach = RioLogulentu RS = 10858.77 SEZIONE 56 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

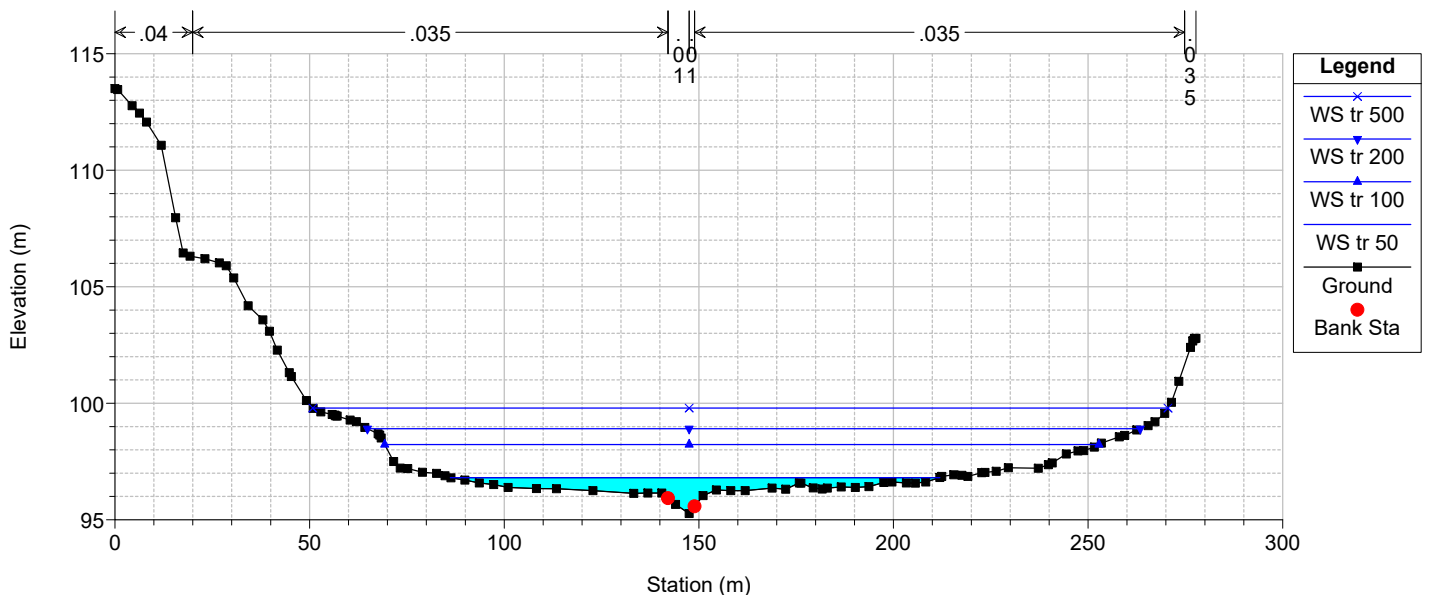
River = RioOttava Reach = RioLogulentu RS = 10742.05 SEZIONE 55 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

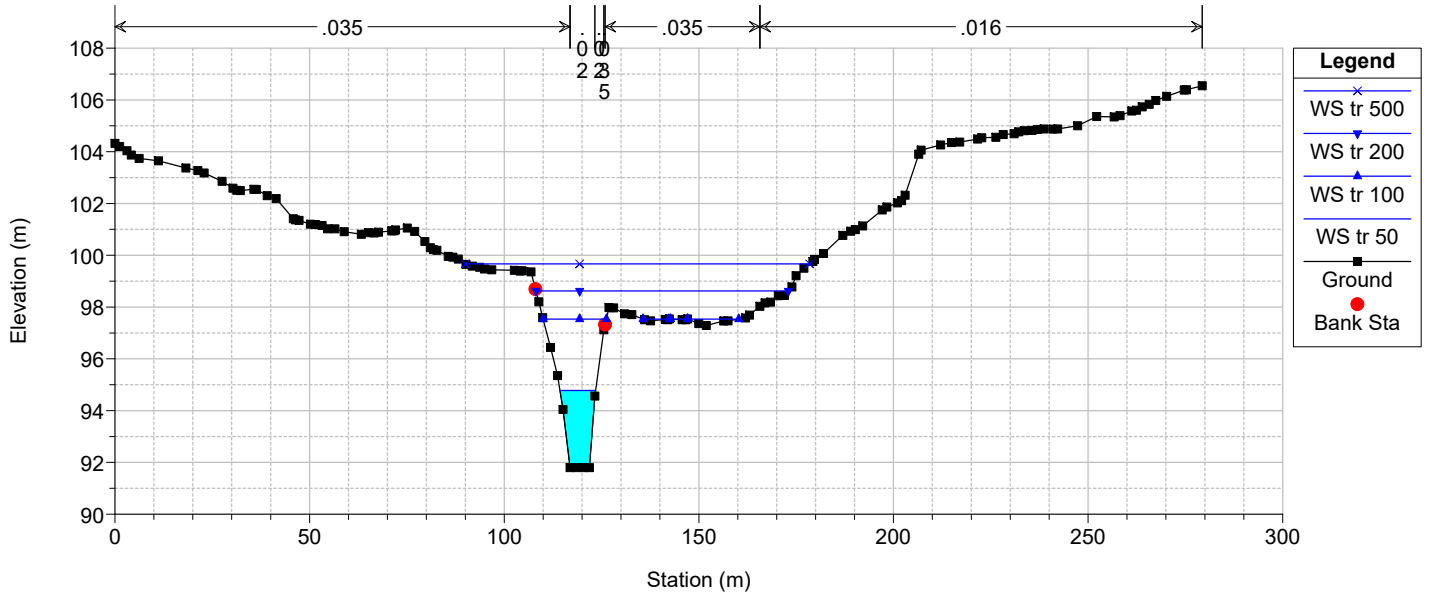
River = RioOttava Reach = RioLogulentu RS = 10547.88 SEZIONE 54 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

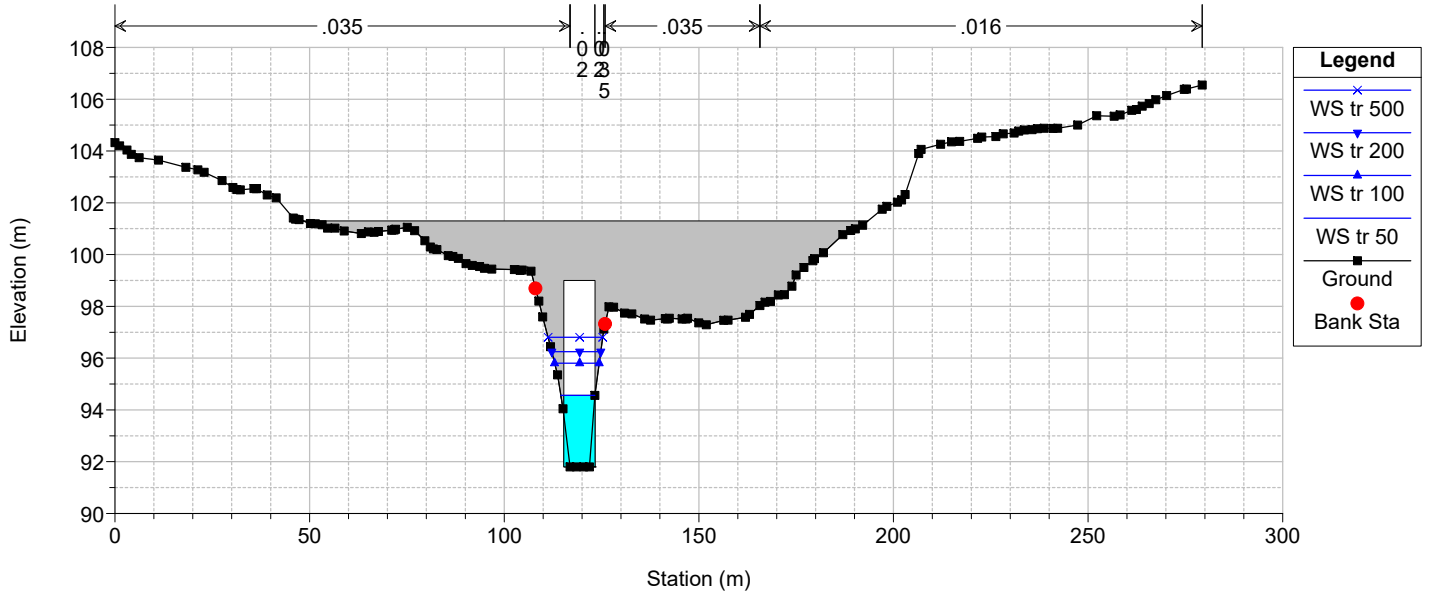
River = RioOttava Reach = RioLogulentu RS = 10406.43 SEZIONE 53 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

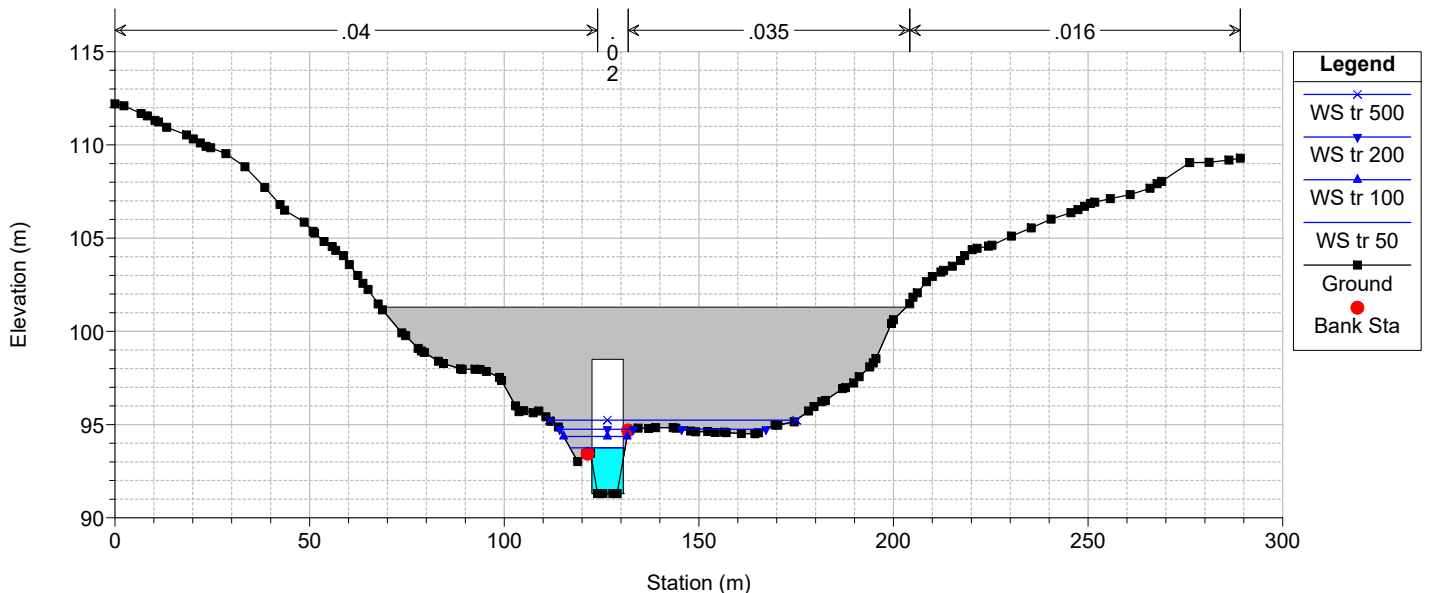
River = RioOttava Reach = RioLogulentu RS = 10390 Culv ATTRAVERSAMENTO 5 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

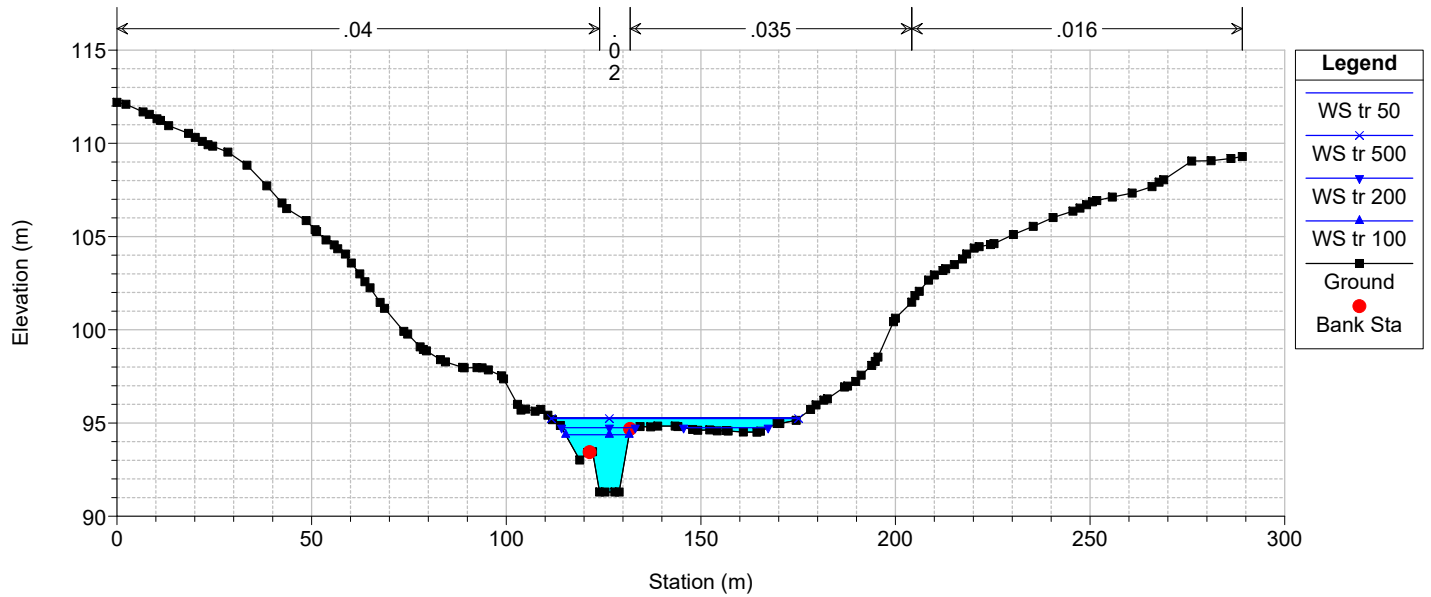
River = RioOttava Reach = RioLogulentu RS = 10390 Culv ATTRAVERSAMENTO 5 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

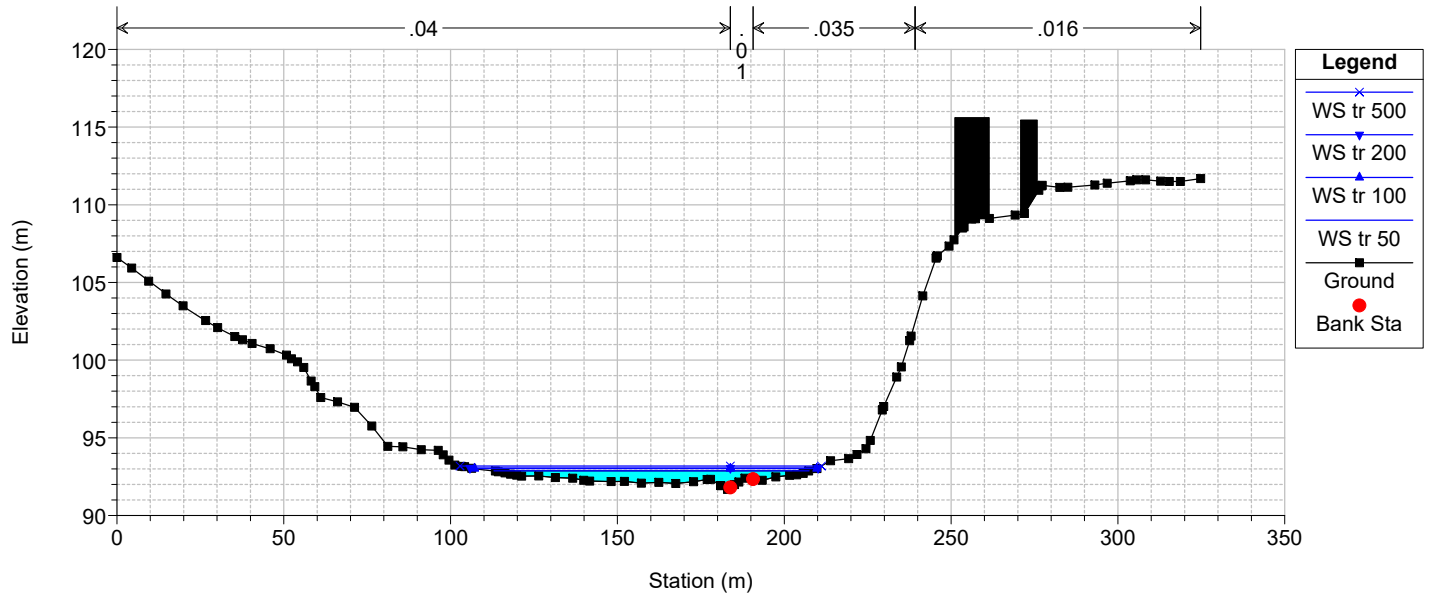
River = RioOttava Reach = RioLogulentu RS = 10380.82 SEZIONE 52 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

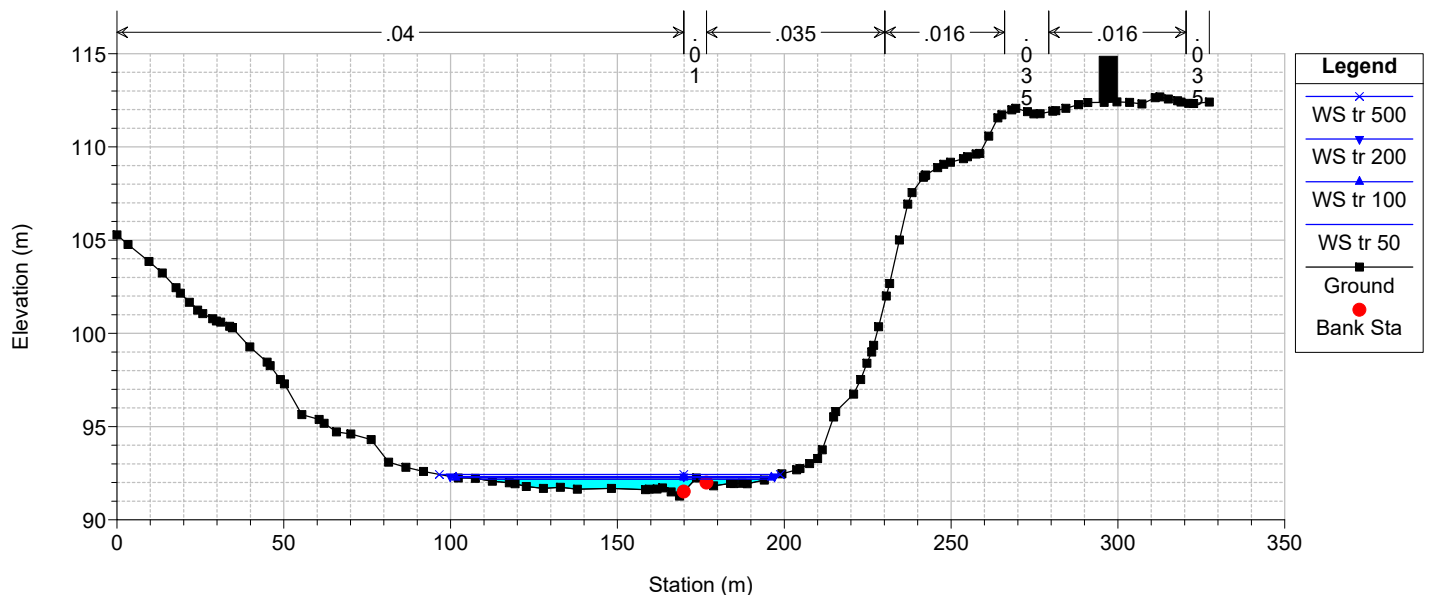
River = RioOttava Reach = RioLogulentu RS = 10256.46 SEZIONE 51 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

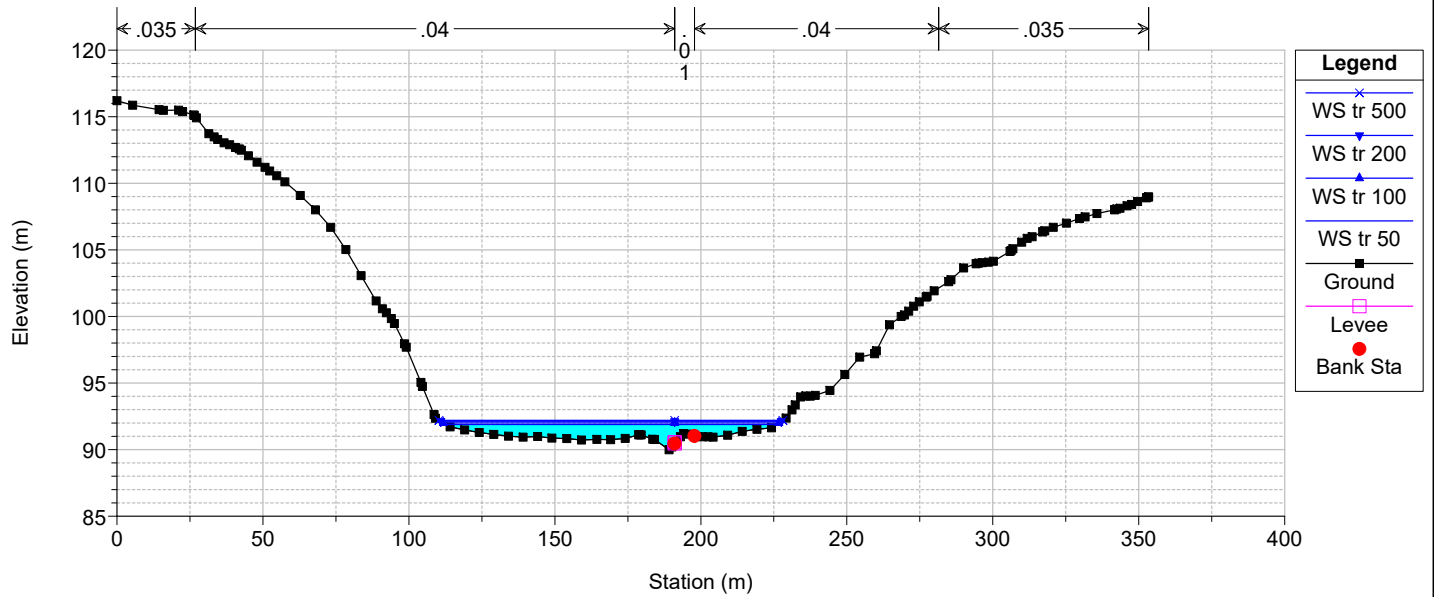
River = RioOttava Reach = RioLogulentu RS = 10235.93 SEZIONE 50 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

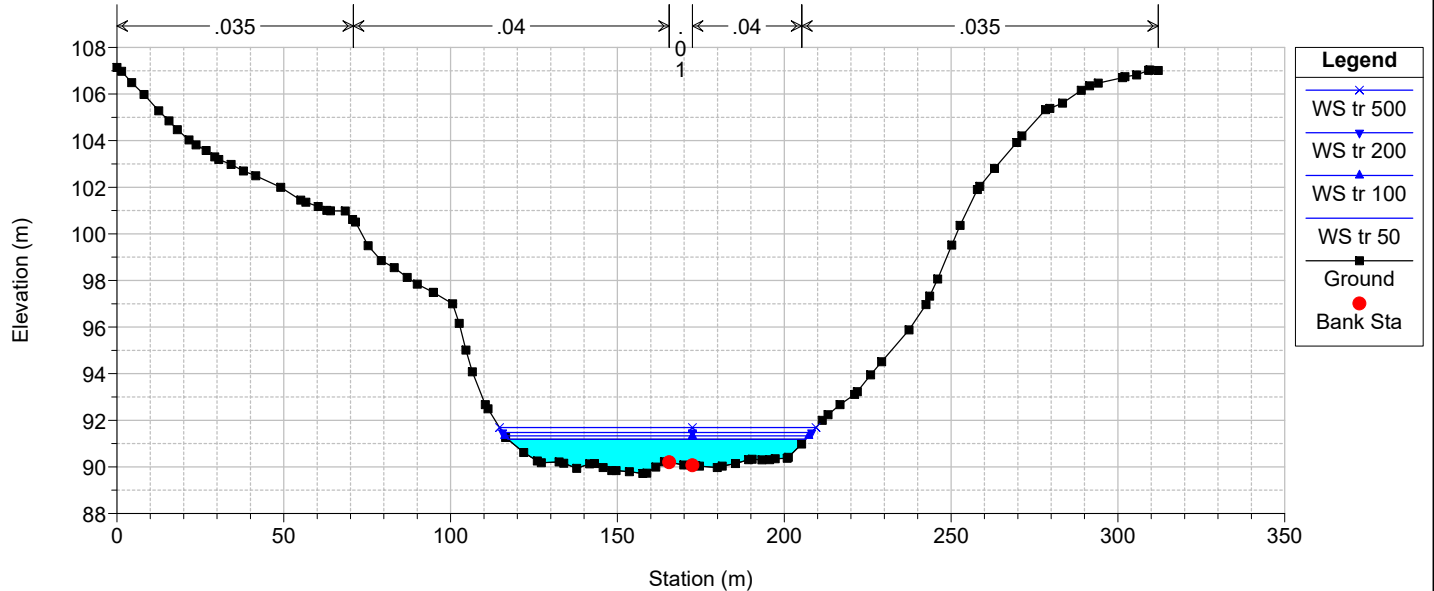
River = RioOttava Reach = RioLogulentu RS = 10092.36 SEZIONE 49 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

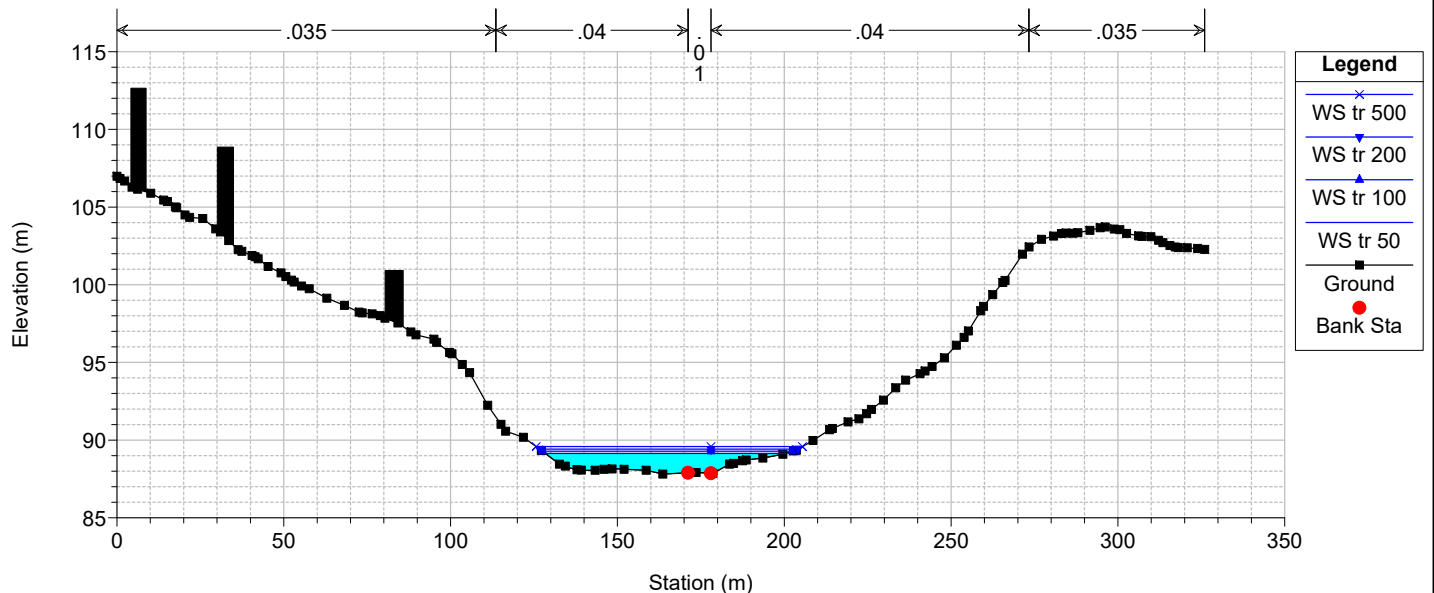
River = RioOttava Reach = RioLogulentu RS = 9953.012 SEZIONE 48 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

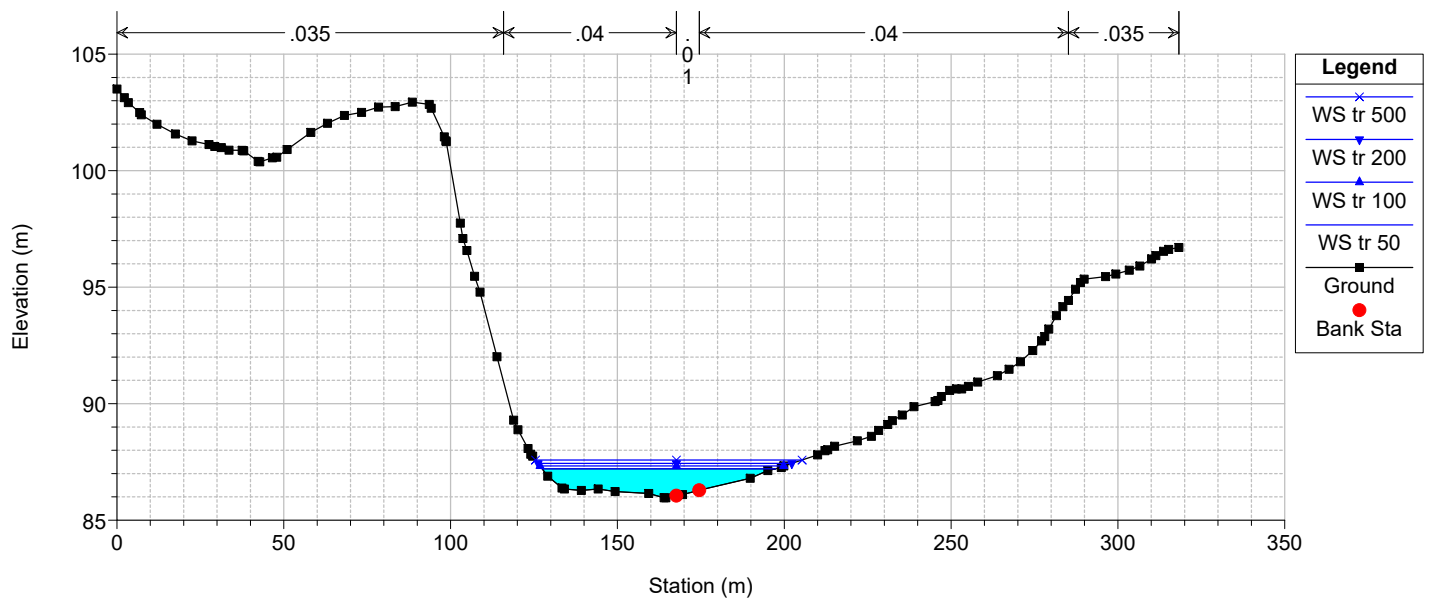
River = RioOttava Reach = RioLogulentu RS = 9761.774 SEZIONE 47 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

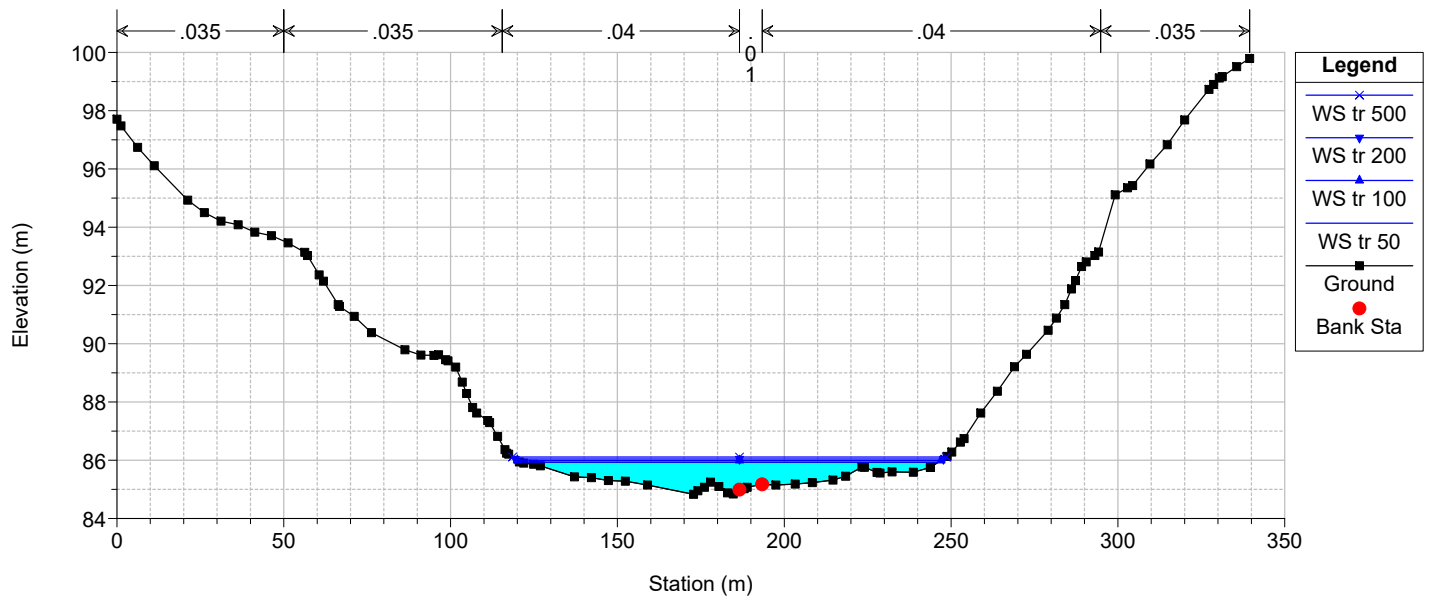
River = RioOttava Reach = RioLogulentu RS = 9533.271 SEZIONE 46 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

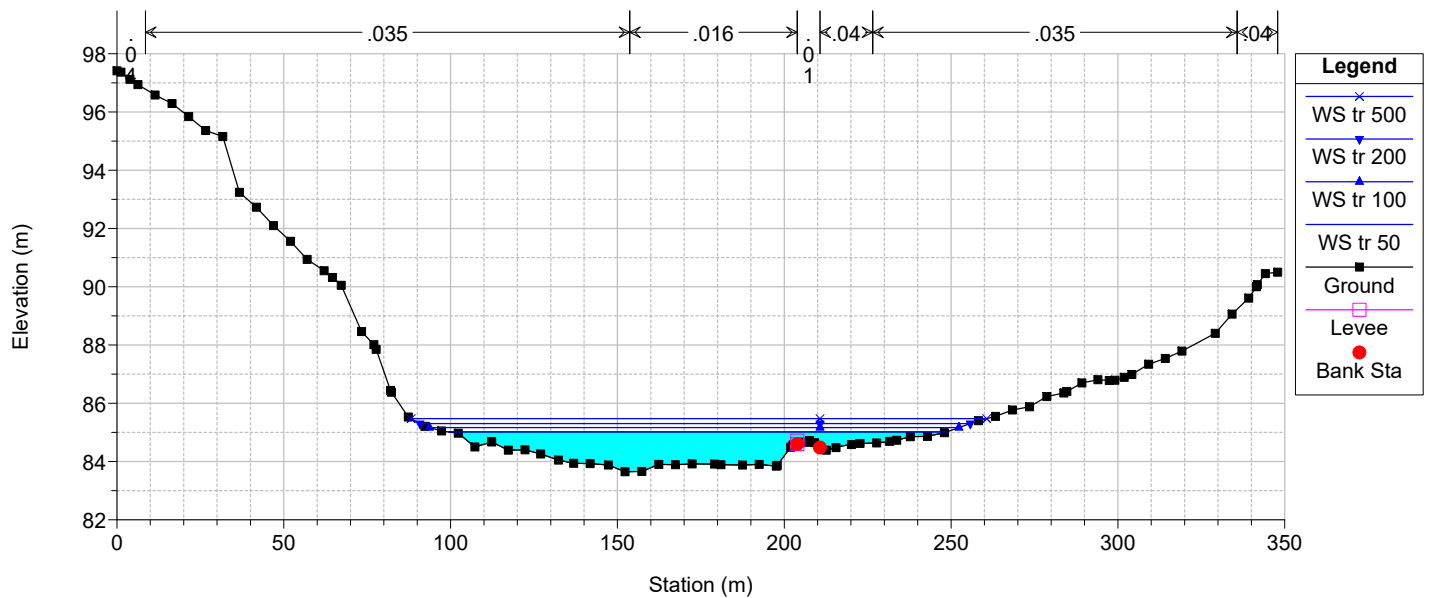
River = RioOttava Reach = RioLogulentu RS = 9330.265 SEZIONE 45 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

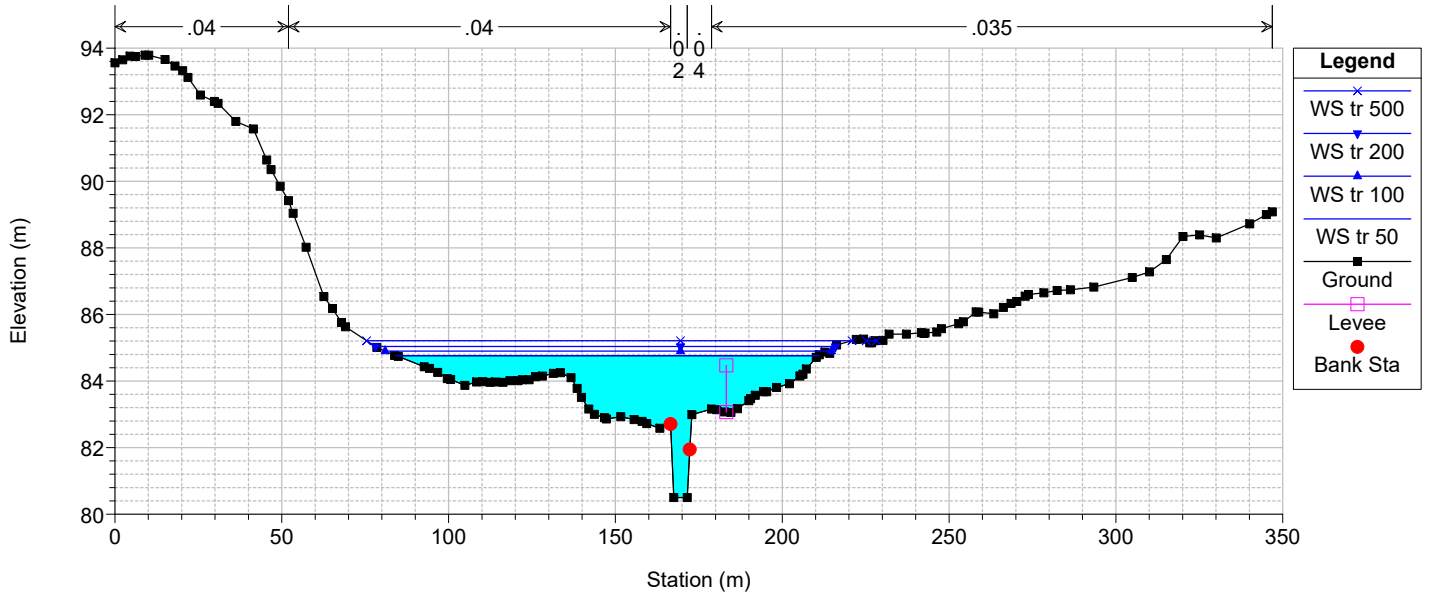
River = RioOttava Reach = RioLogulentu RS = 9170.173 SEZIONE 44 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

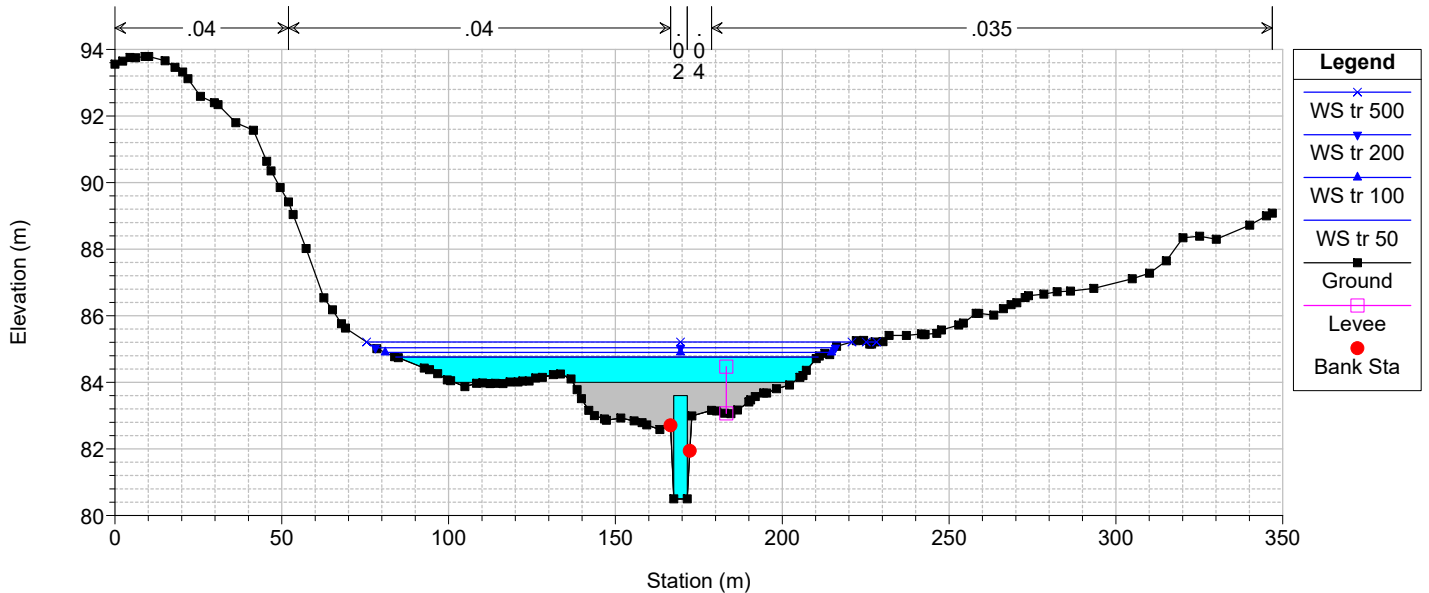
River = RioOttava Reach = RioLogulentu RS = 8930.862 SEZIONE 43 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

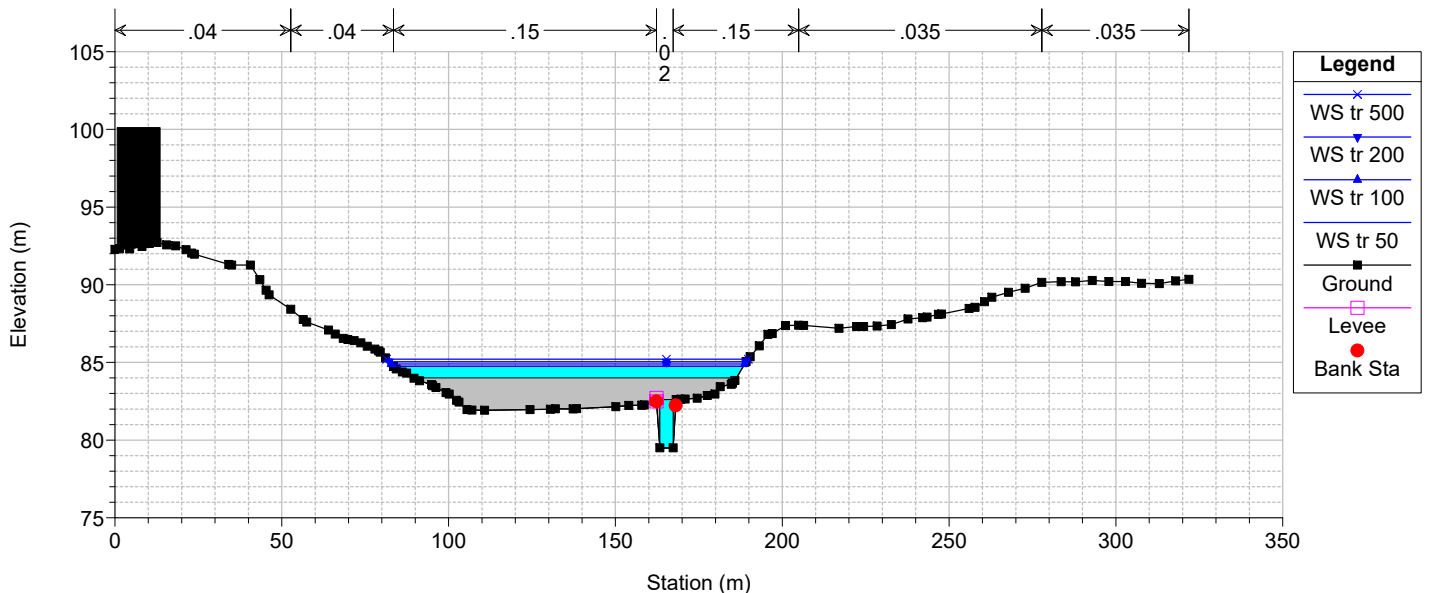
River = RioOttava Reach = RioLogulentu RS = 8915 Culv ATTRAVERSAMENTO 4 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

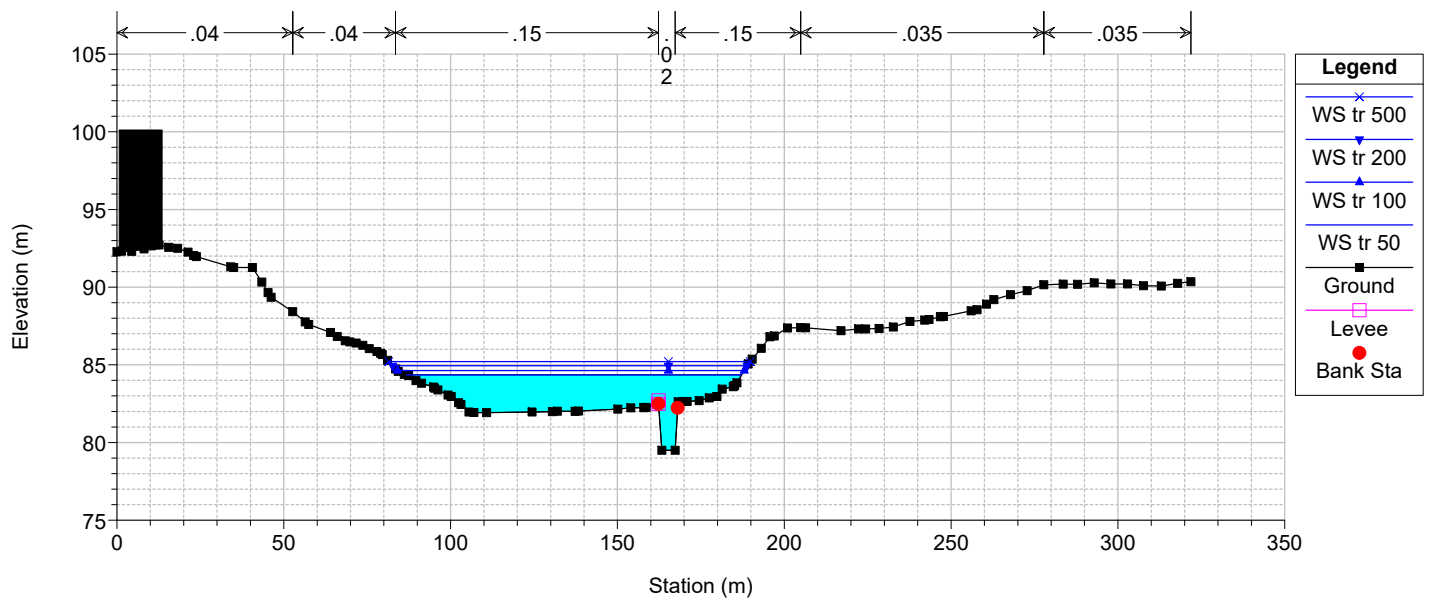
River = RioOttava Reach = RioLogulentu RS = 8915 Culv ATTRAVERSAMENTO 4 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

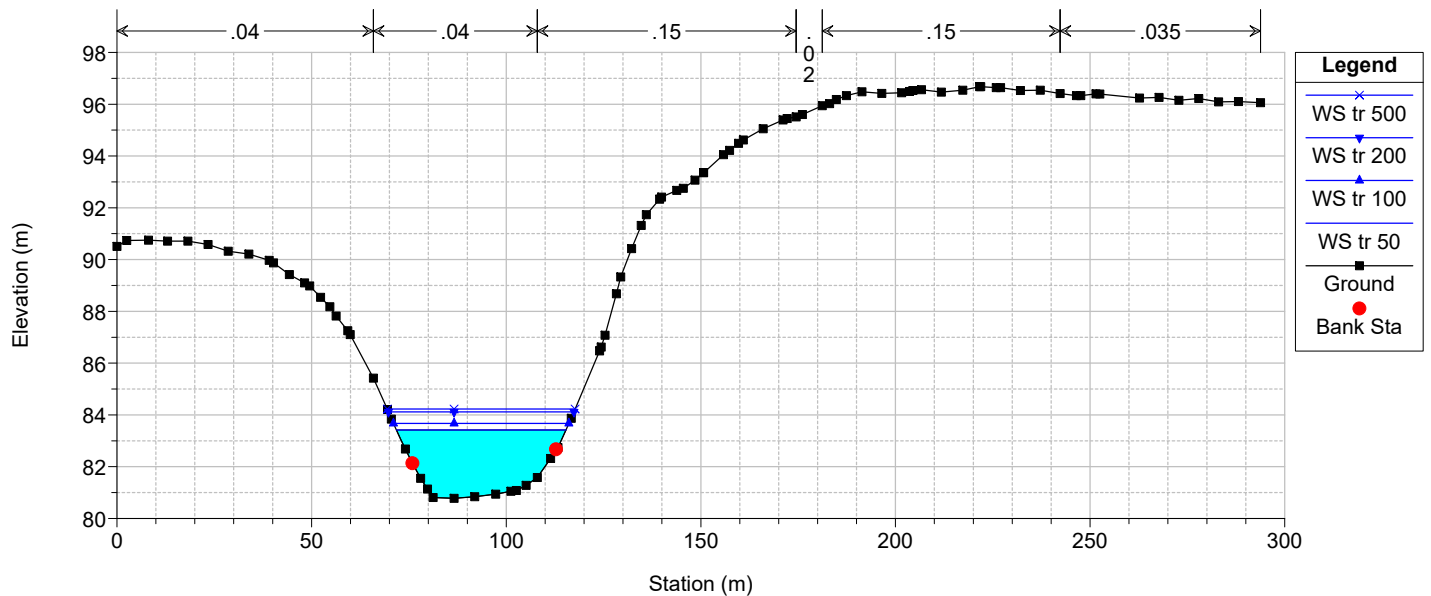
River = RioOttava Reach = RioLogulentu RS = 8901.627 SEZIONE 42 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

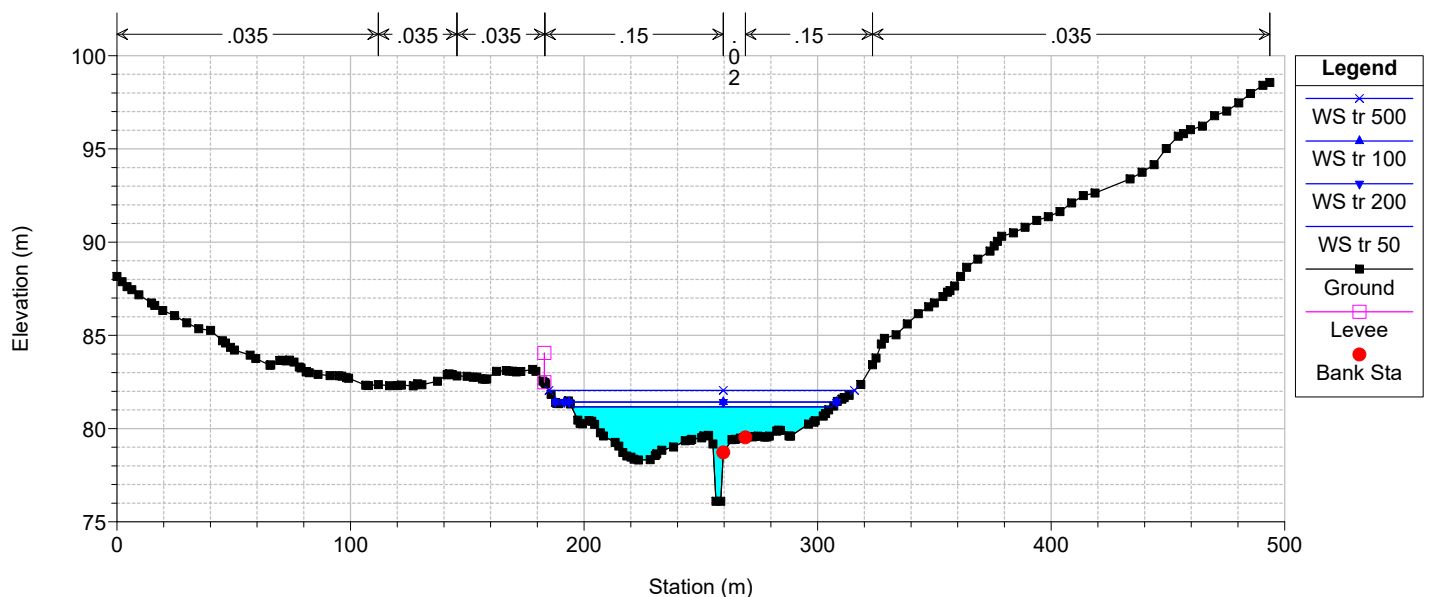
River = RioOttava Reach = RioLogulentu RS = 8359 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



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Geom: 05022021 Flow: 05022021

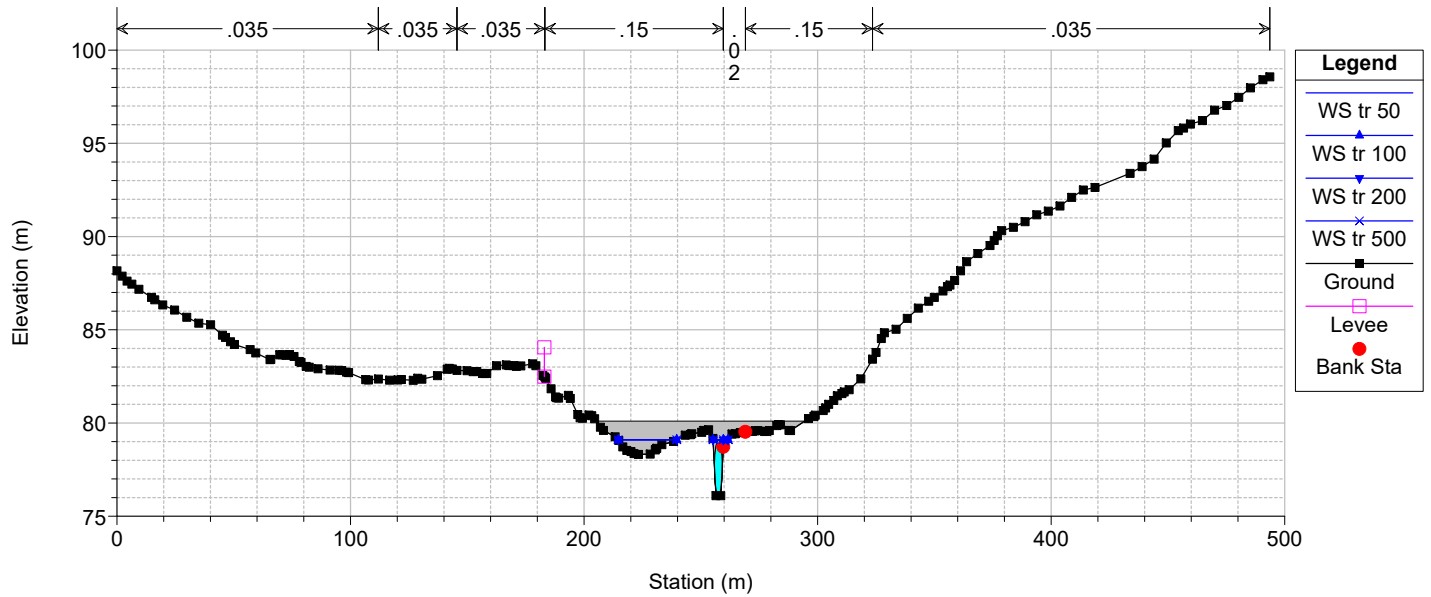
River = RioOttava Reach = RioOttava RS = 8401.459 SEZIONE 41 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



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Geom: 05022021 Flow: 05022021

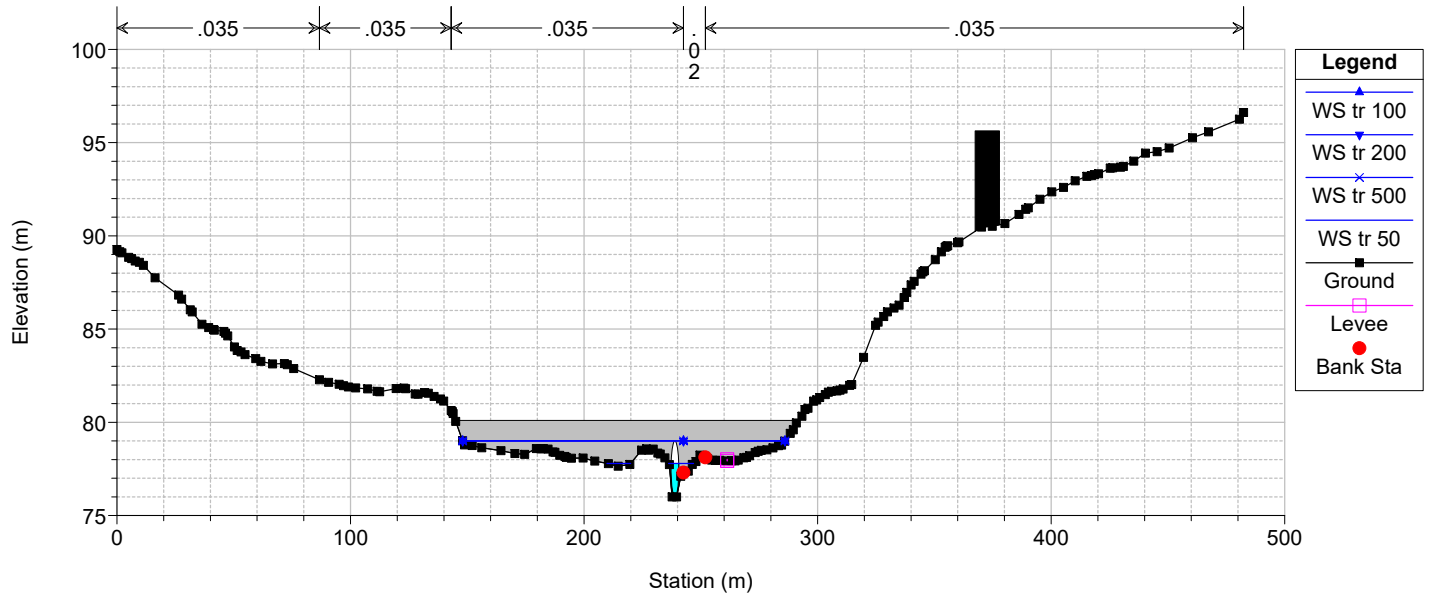
River = RioOttava Reach = RioOttava RS = 8385 Culv ATTRAVERSAMENTO 3 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



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Geom: 05022021 Flow: 05022021

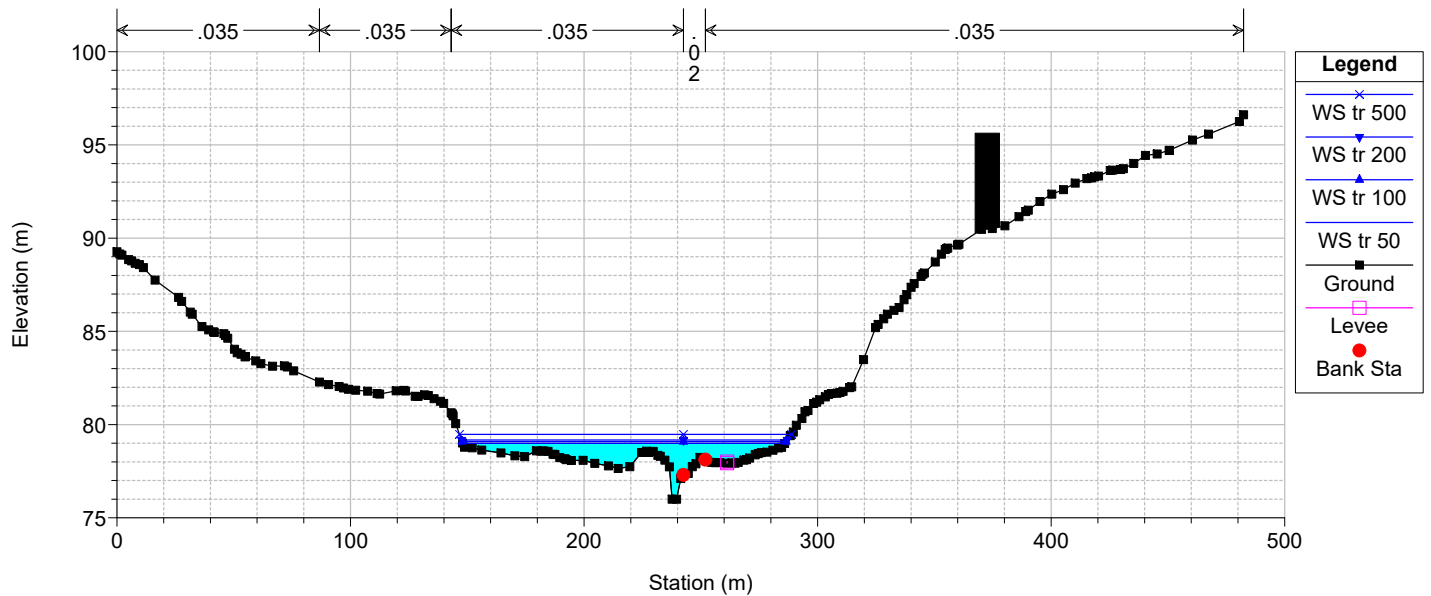
River = RioOttava Reach = RioOttava RS = 8385 Culv ATTRAVERSAMENTO 3 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



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Geom: 05022021 Flow: 05022021

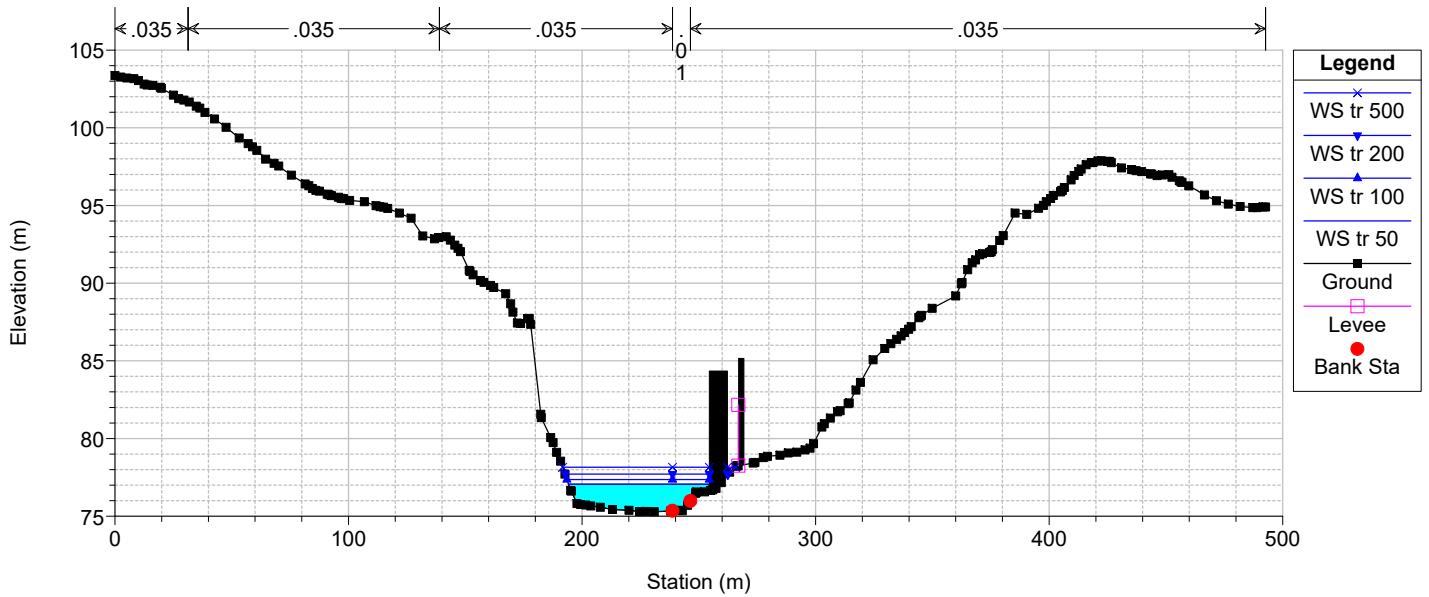
River = RioOttava Reach = RioOttava RS = 8377.194 SEZIONE 40 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



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Geom: 05022021 Flow: 05022021

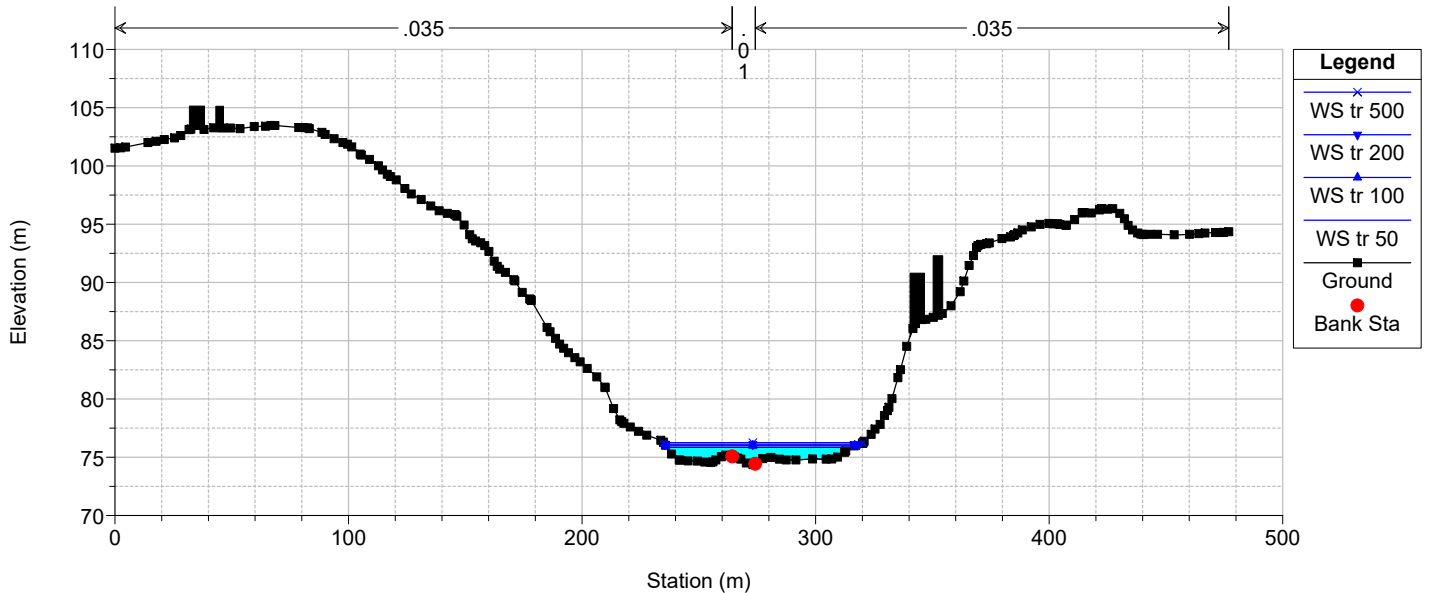
River = RioOttava Reach = RioOttava RS = 8232.974 SEZIONE 39 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



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Geom: 05022021 Flow: 05022021

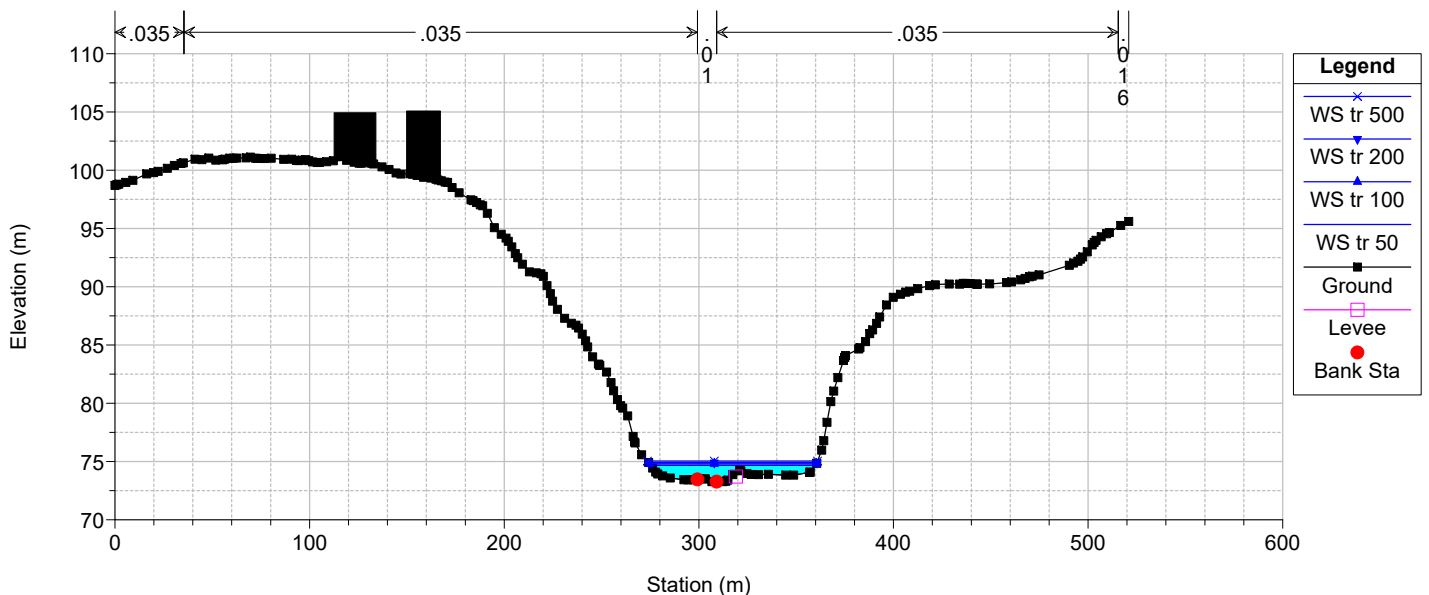
River = RioOttava Reach = RioOttava RS = 8107.862 SEZIONE 38 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



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Geom: 05022021 Flow: 05022021

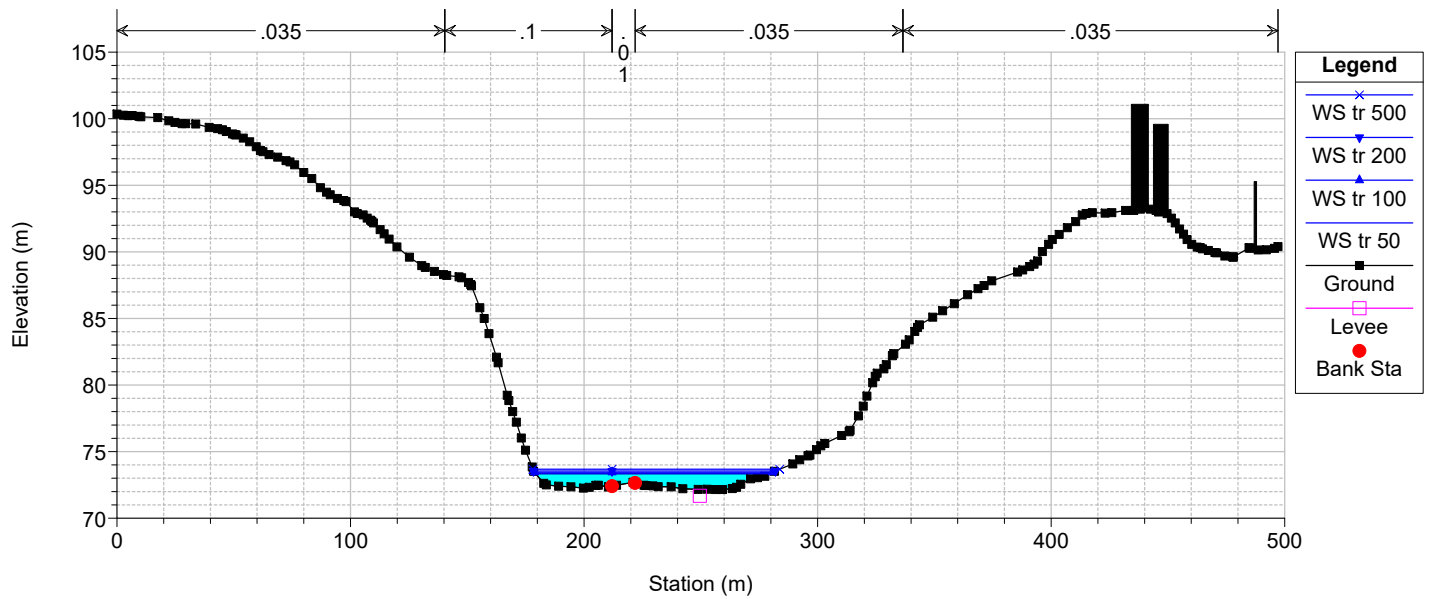
River = RioOttava Reach = RioOttava RS = 7982.531 SEZIONE 37 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



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Geom: 05022021 Flow: 05022021

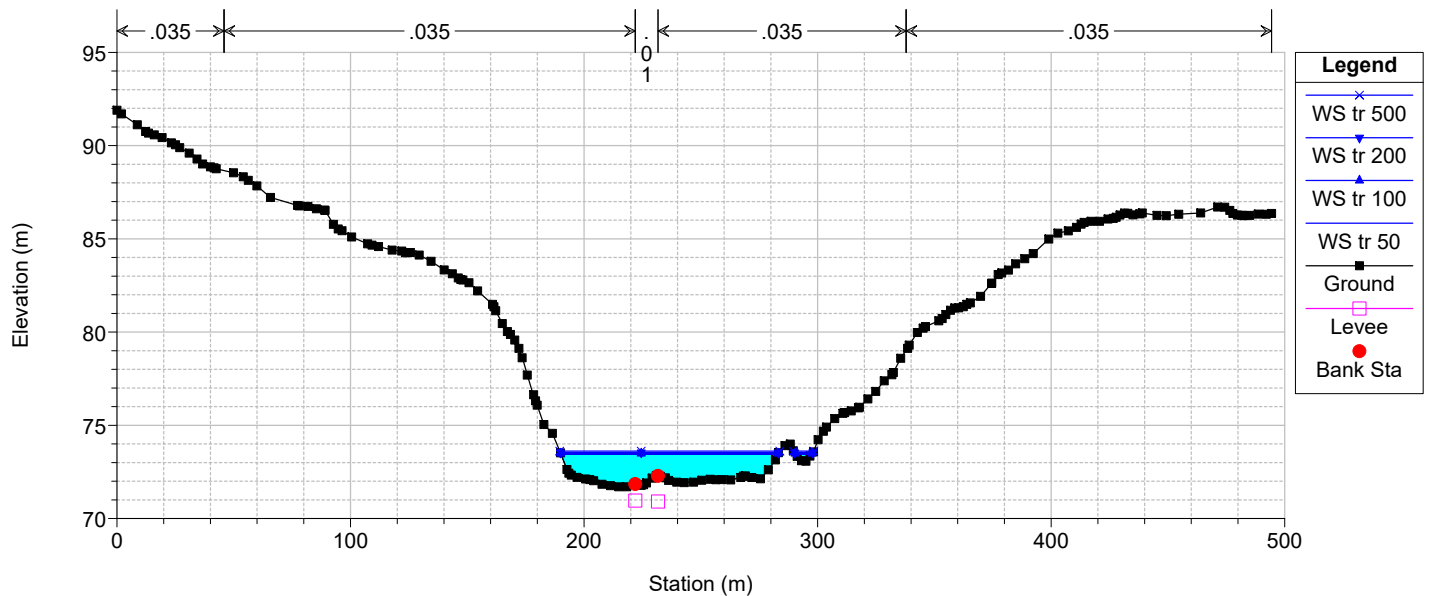
River = RioOttava Reach = RioOttava RS = 7784.881 SEZIONE 36 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



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Geom: 05022021 Flow: 05022021

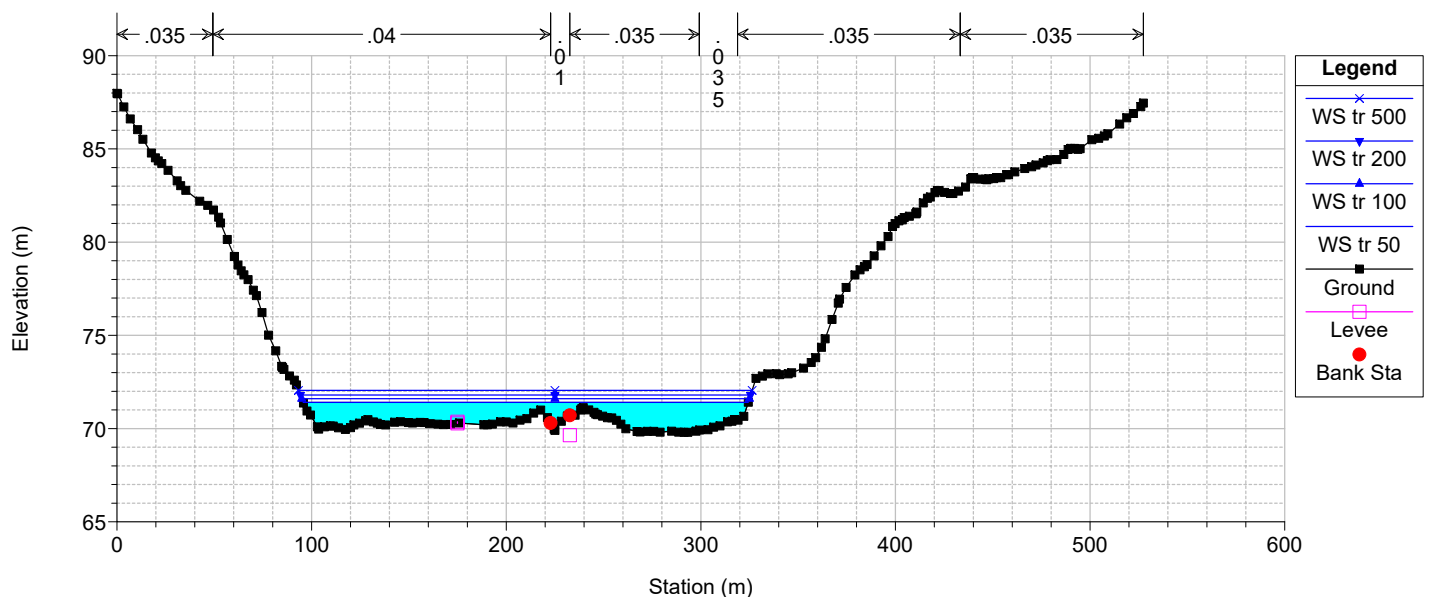
River = RioOttava Reach = RioOttava RS = 7658.614 SEZIONE 35 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



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Geom: 05022021 Flow: 05022021

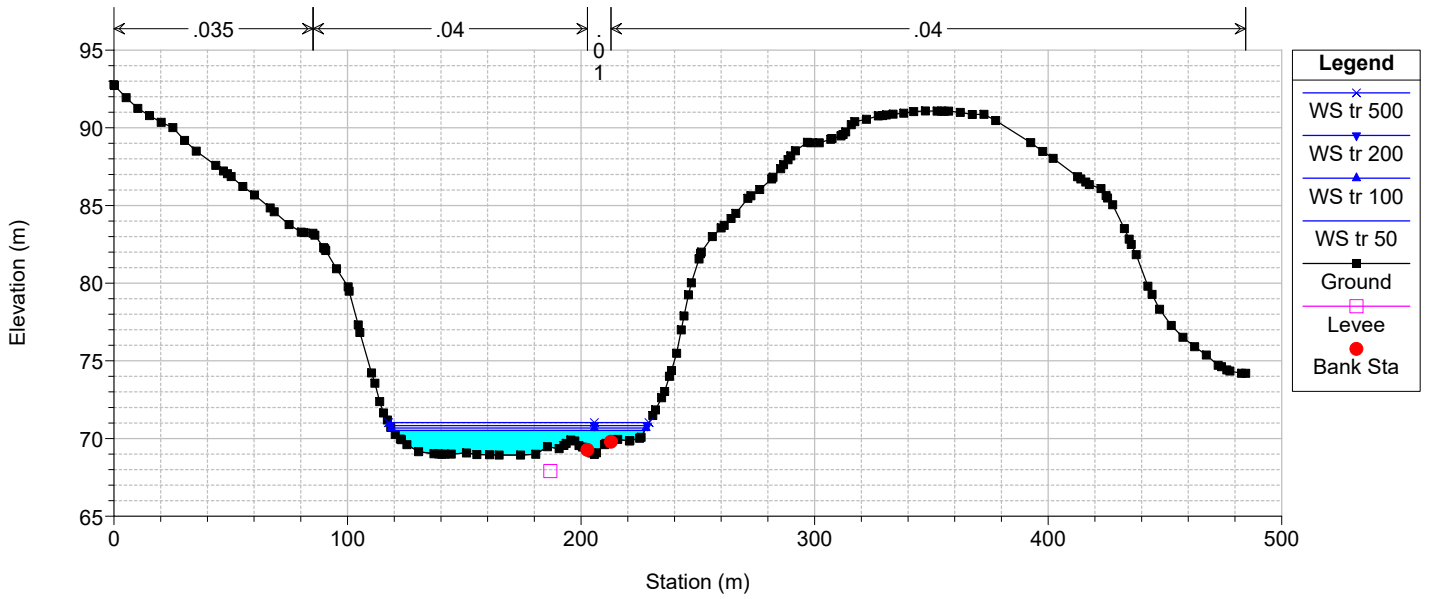
River = RioOttava Reach = RioOttava RS = 7432.144 SEZIONE 34 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

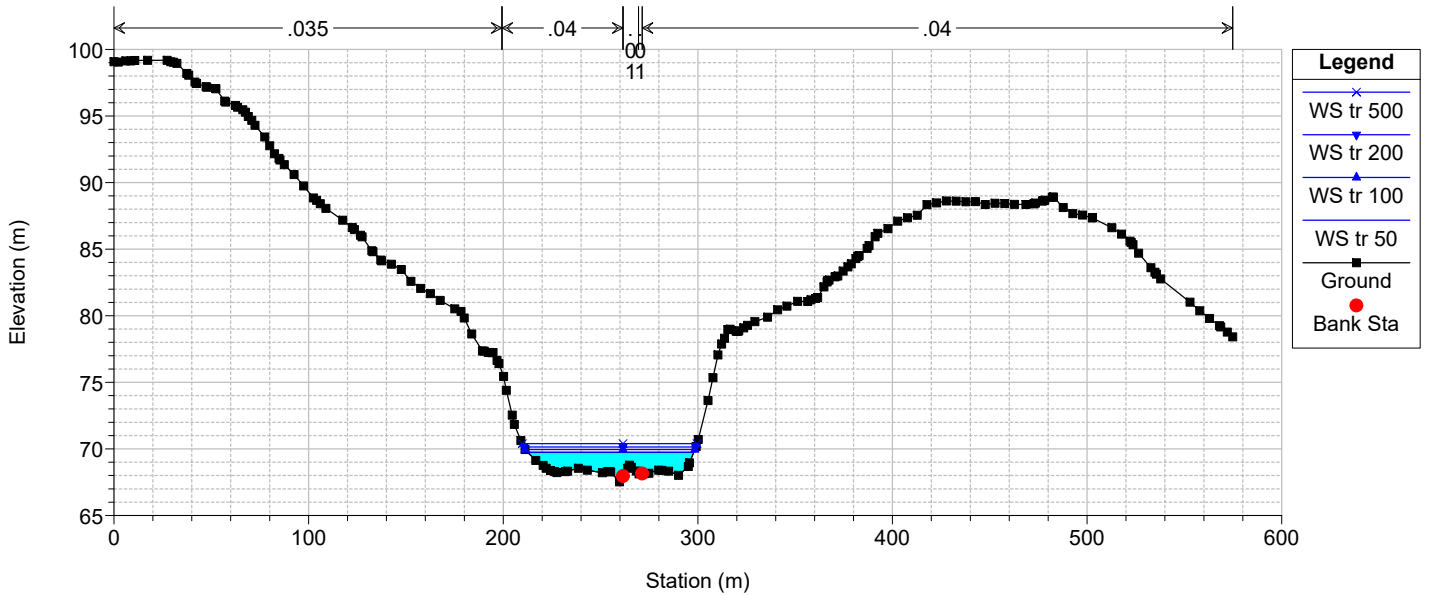
River = RioOttava Reach = RioOttava RS = 7256.378 SEZIONE 33 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

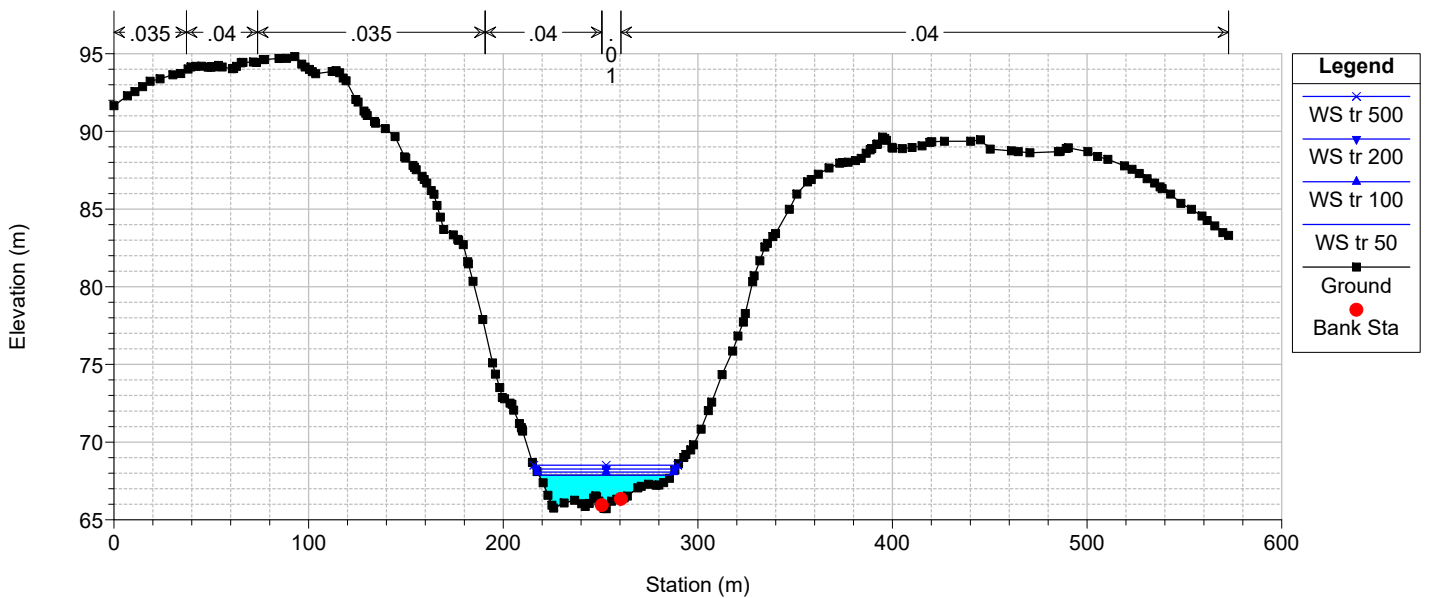
River = RioOttava Reach = RioOttava RS = 7119.309 SEZIONE 32 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

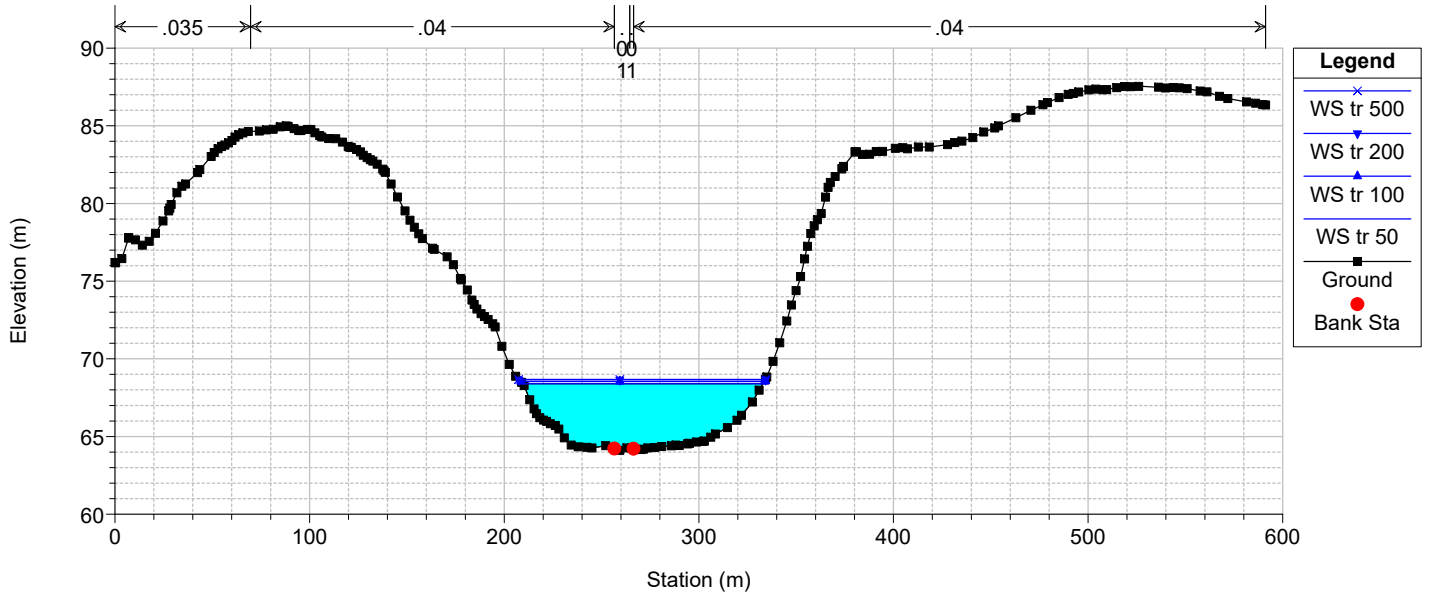
River = RioOttava Reach = RioOttava RS = 6851.495 SEZIONE 31 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



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Geom: 05022021 Flow: 05022021

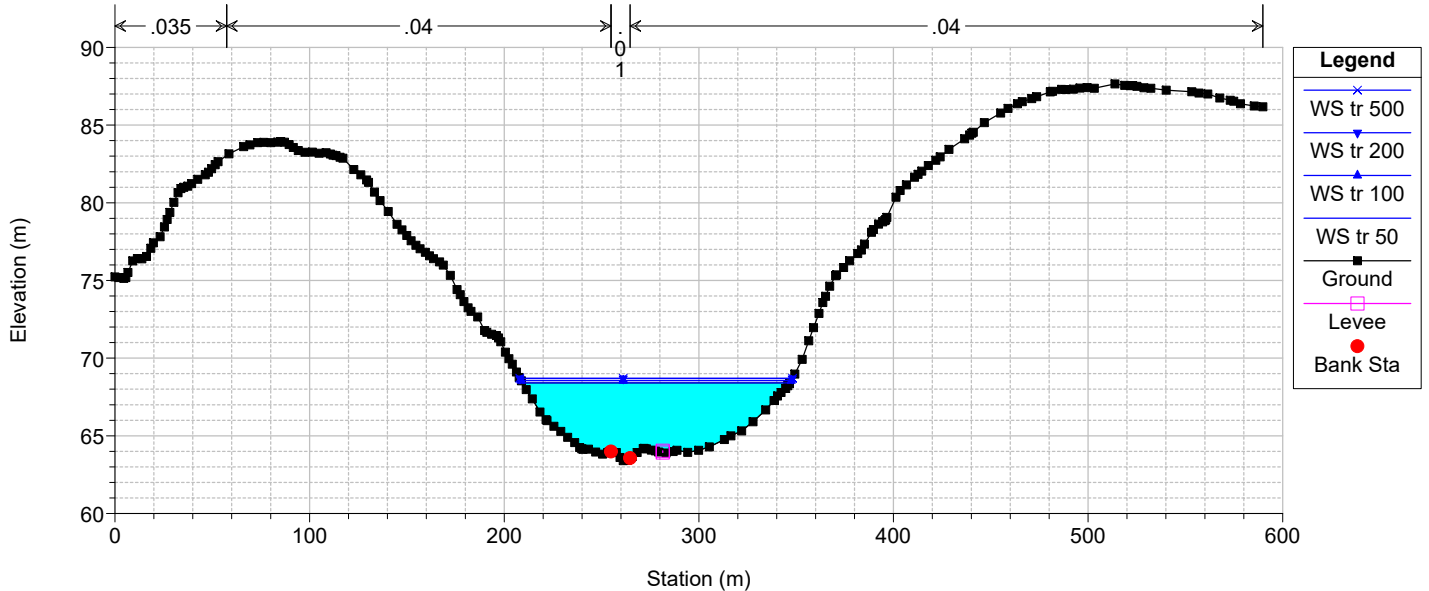
River = RioOttava Reach = RioOttava RS = 6571.494 SEZIONE 30 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



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Geom: 05022021 Flow: 05022021

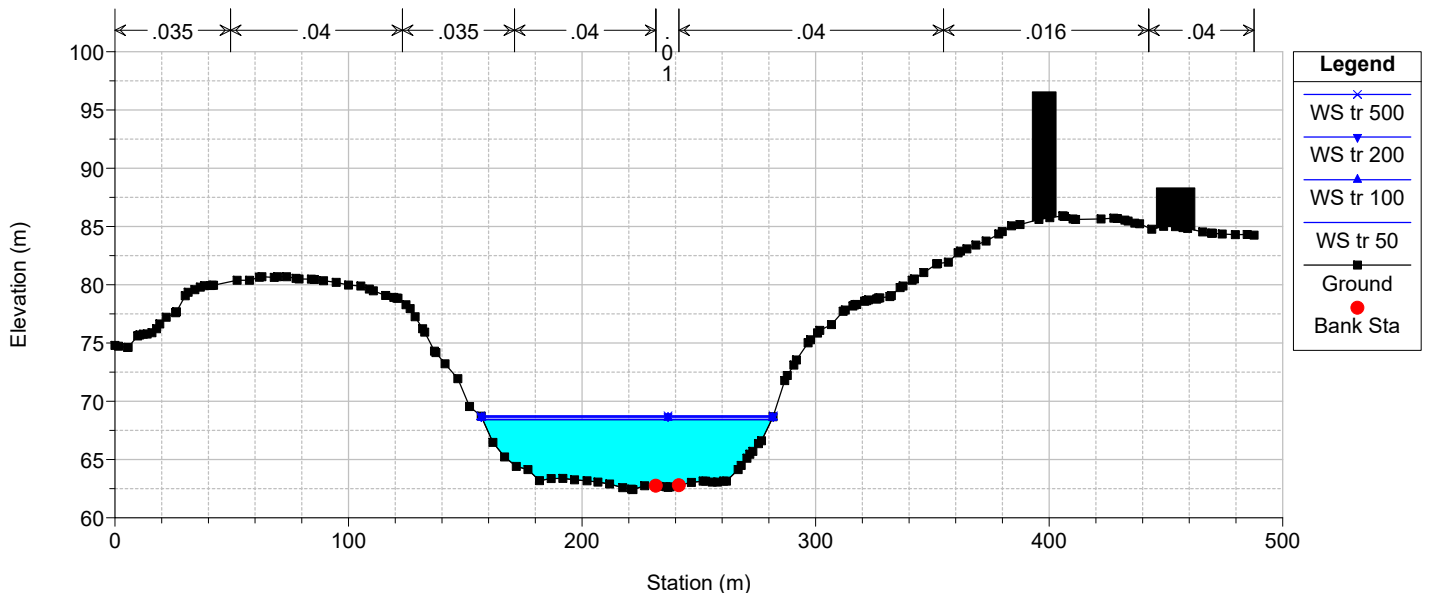
River = RioOttava Reach = RioOttava RS = 6555.767 SEZIONE 29 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



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Geom: 05022021 Flow: 05022021

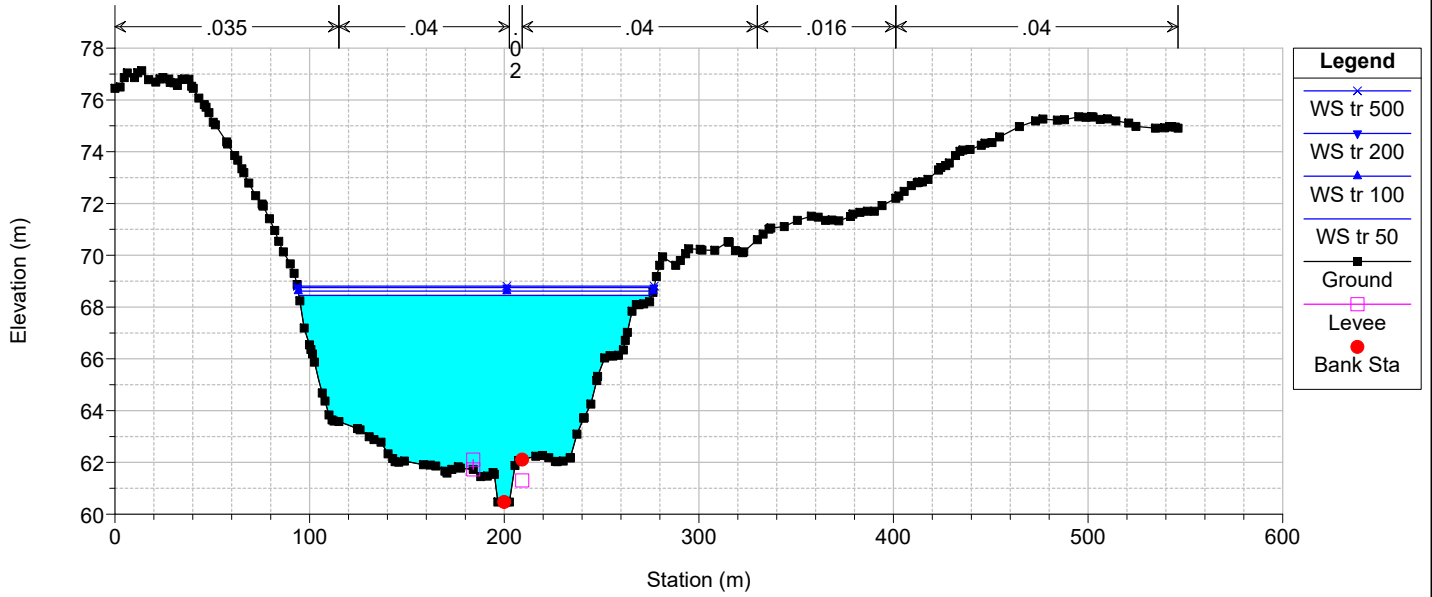
River = RioOttava Reach = RioOttava RS = 6408.969 SEZIONE 28 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



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Geom: 05022021 Flow: 05022021

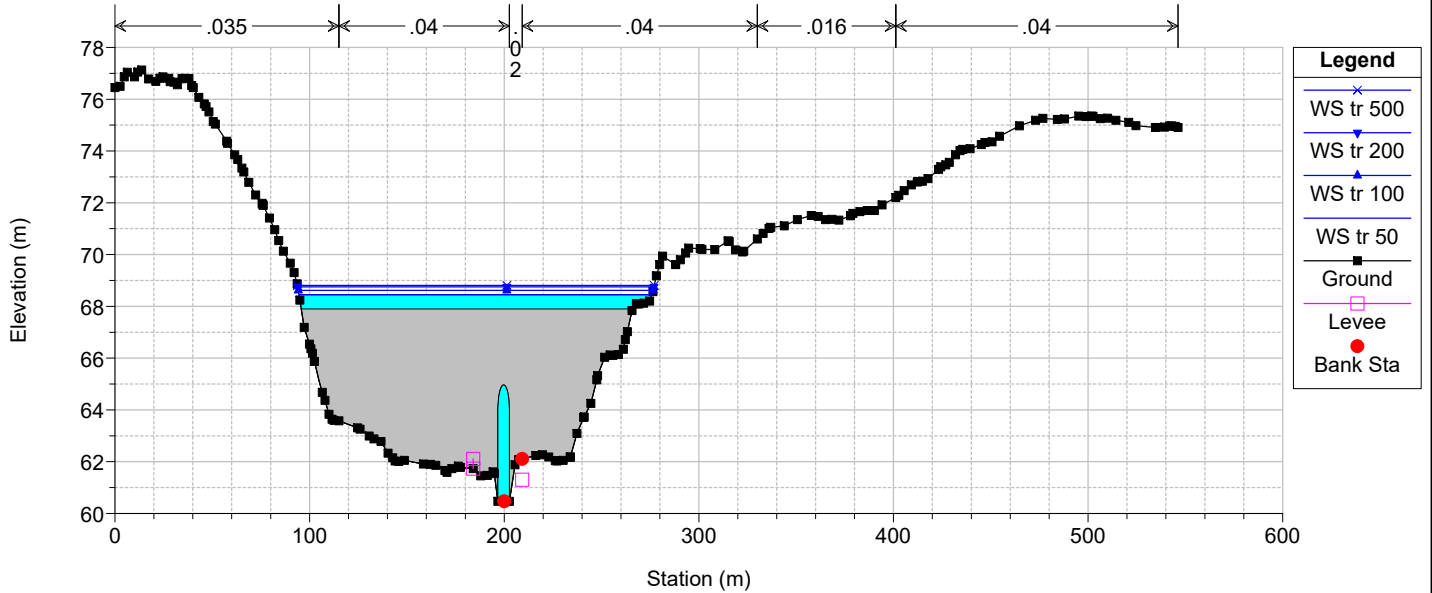
River = RioOttava Reach = RioOttava RS = 6234.289 SEZIONE 27 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



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Geom: 05022021 Flow: 05022021

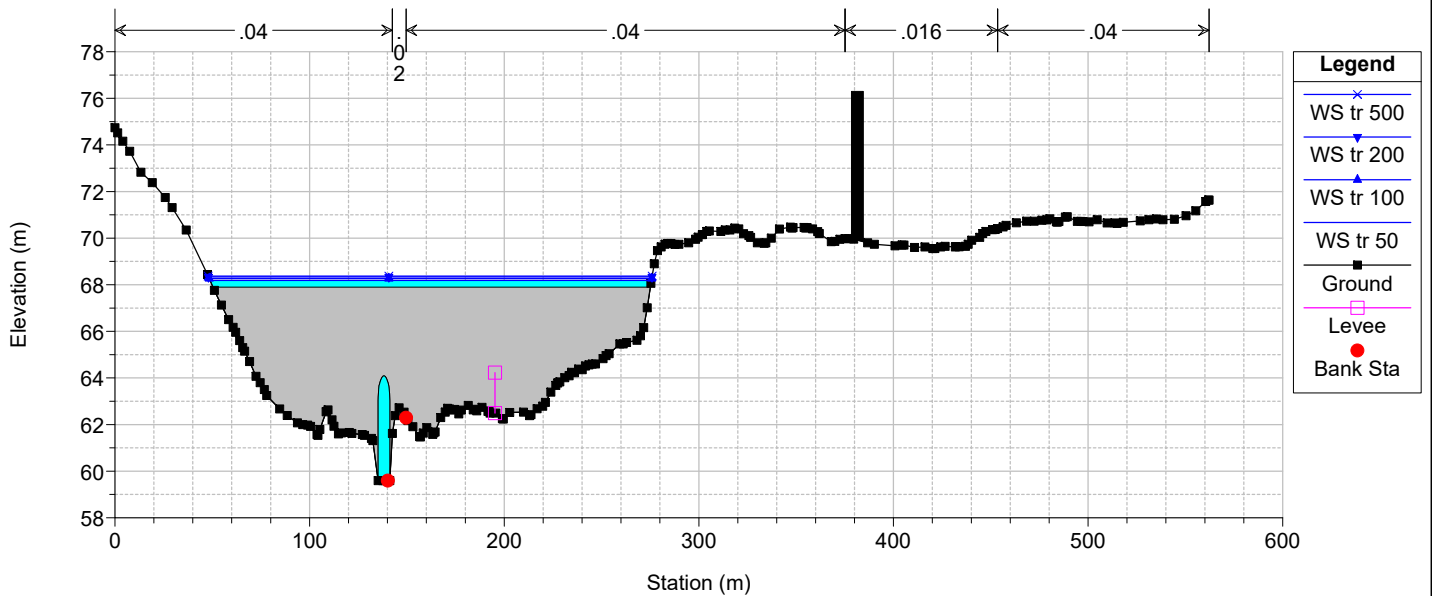
River = RioOttava Reach = RioOttava RS = 6210 Culv. ATTRAVERSAMENTO 2 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



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Geom: 05022021 Flow: 05022021

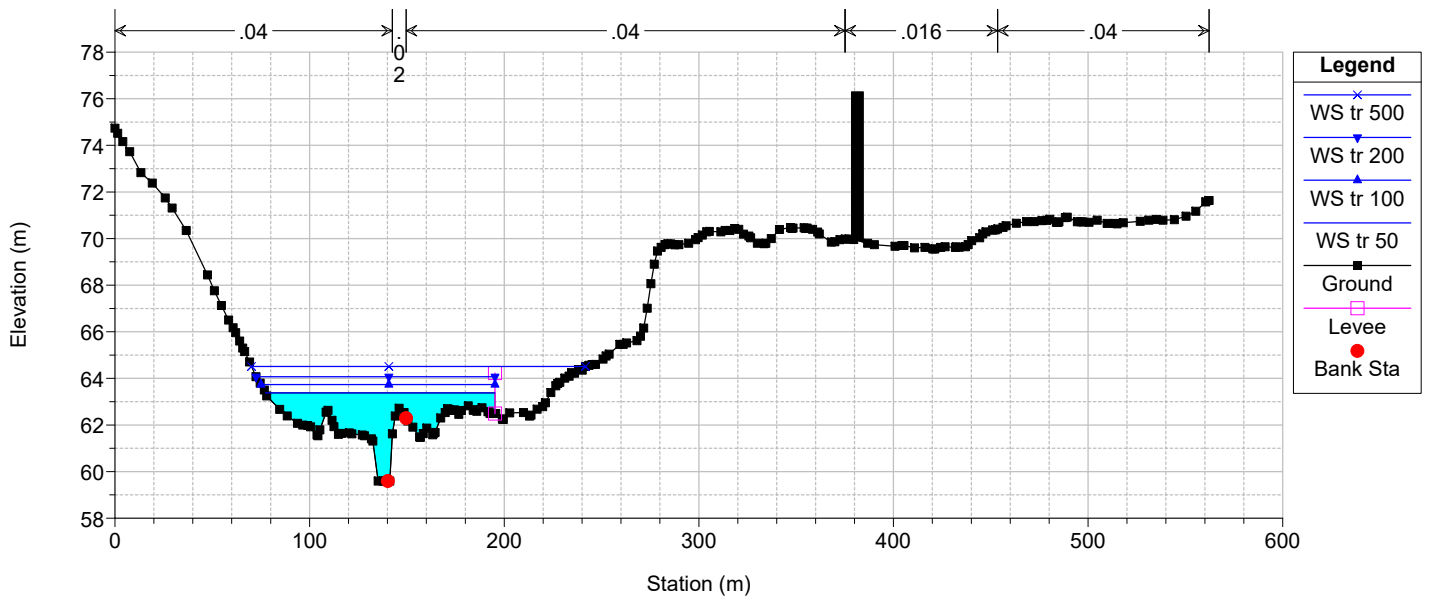
River = RioOttava Reach = RioOttava RS = 6210 Culv. ATTRAVERSAMENTO 2 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

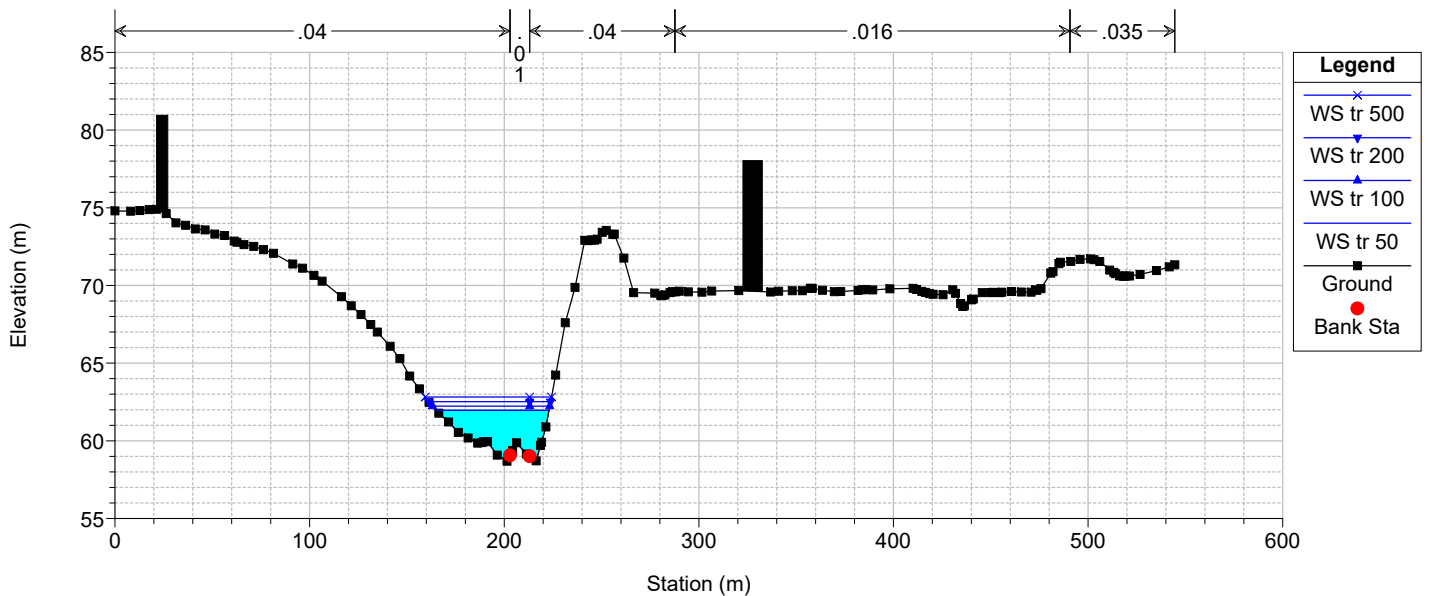
River = RioOttava Reach = RioOttava RS = 6167.563 SEZIONE 26 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



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Geom: 05022021 Flow: 05022021

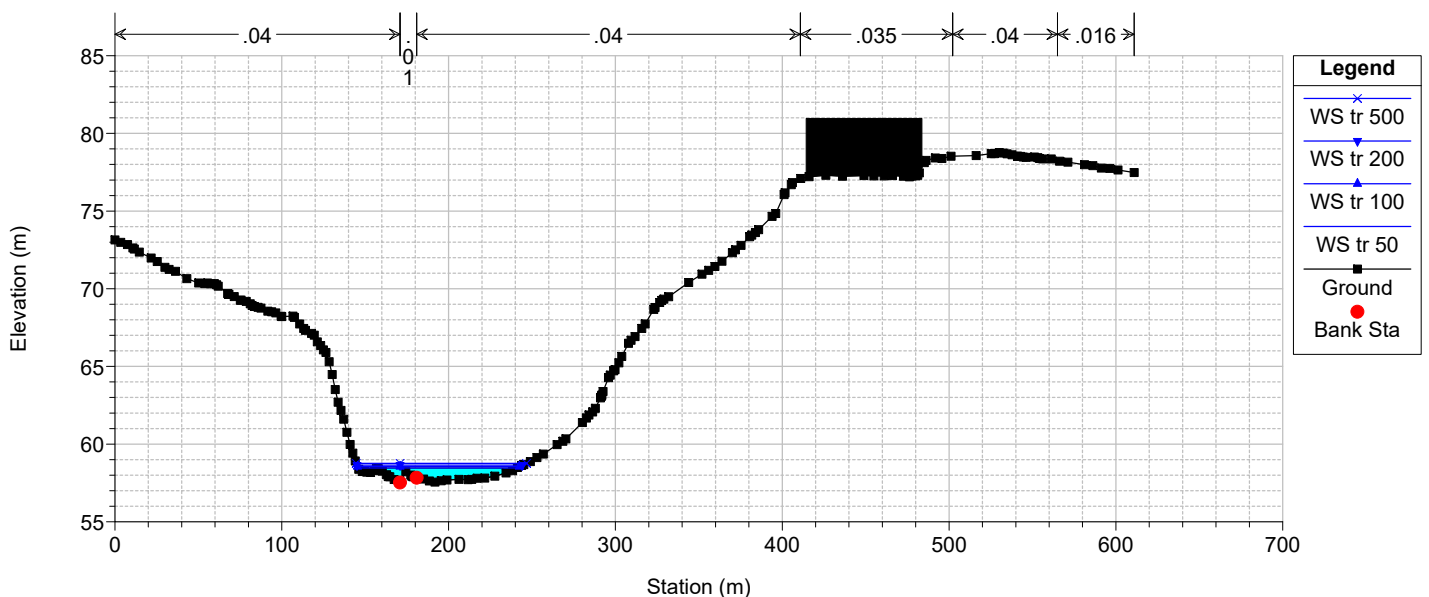
River = RioOttava Reach = RioOttava RS = 5932.303 SEZIONE 25 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



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Geom: 05022021 Flow: 05022021

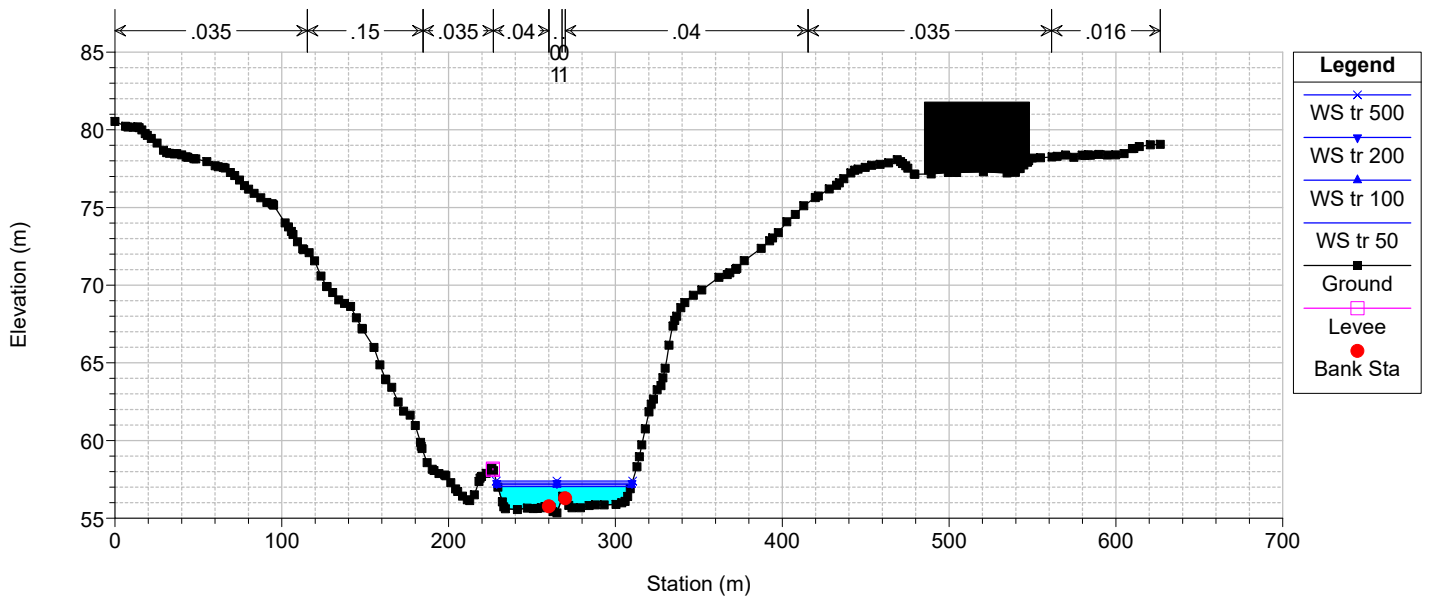
River = RioOttava Reach = RioOttava RS = 5727.228 SEZIONE 24 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



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Geom: 05022021 Flow: 05022021

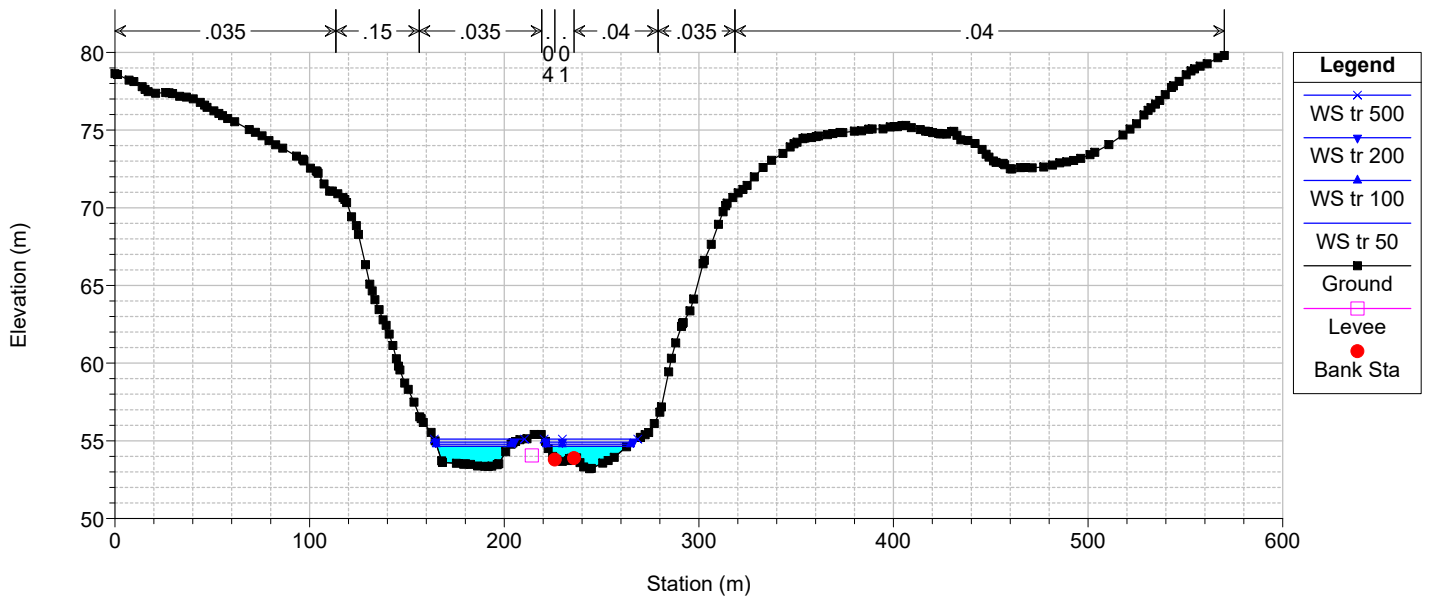
River = RioOttava Reach = RioOttava RS = 5443.678 SEZIONE 23 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



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Geom: 05022021 Flow: 05022021

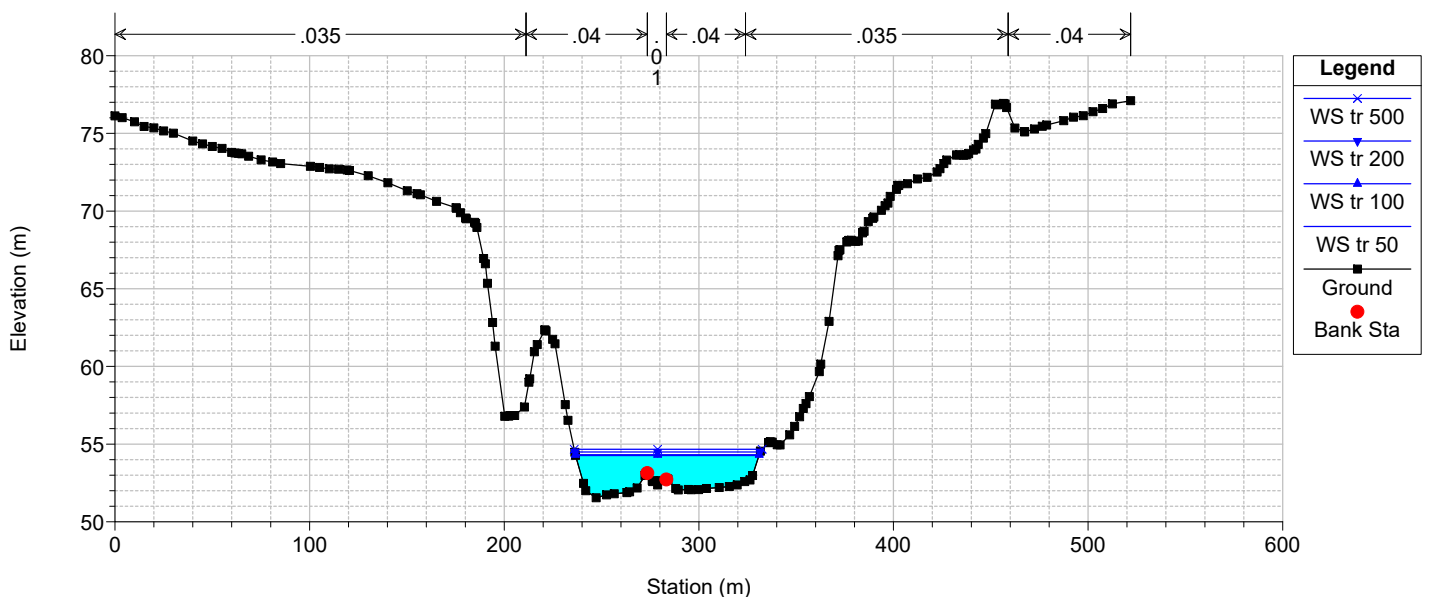
River = RioOttava Reach = RioOttava RS = 5153.800 SEZIONE 22 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

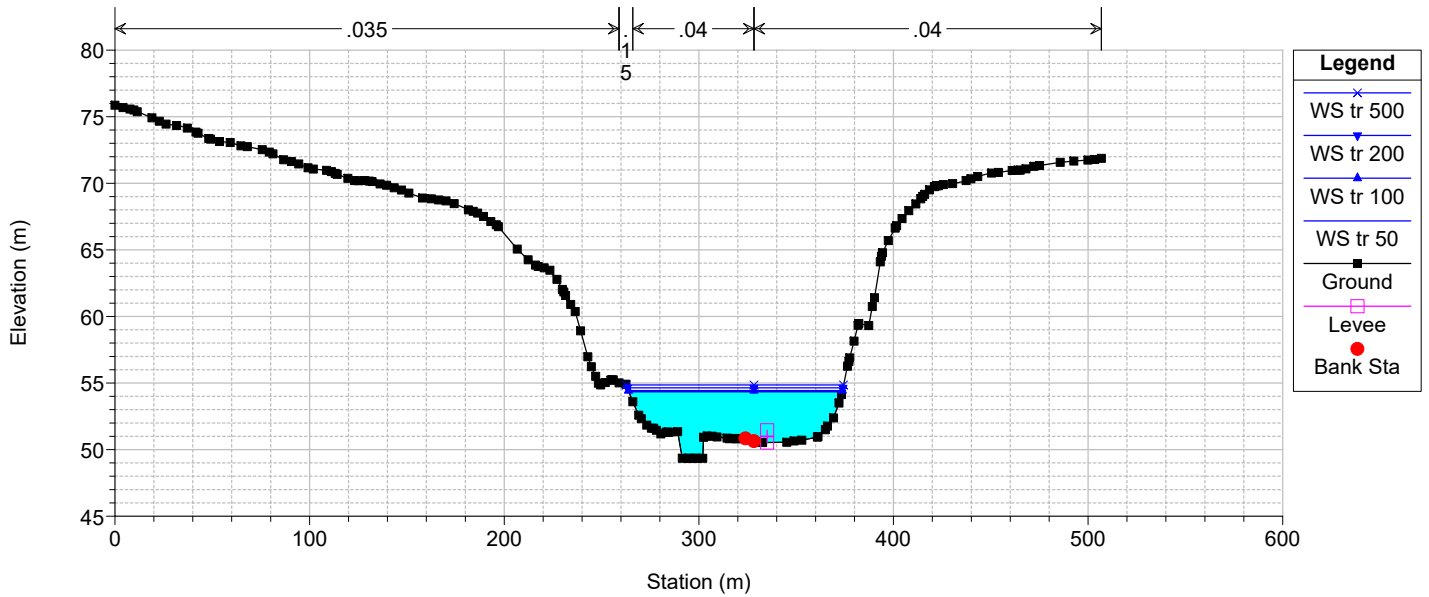
River = RioOttava Reach = RioOttava RS = 4860.213 SEZIONE 21 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



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Geom: 05022021 Flow: 05022021

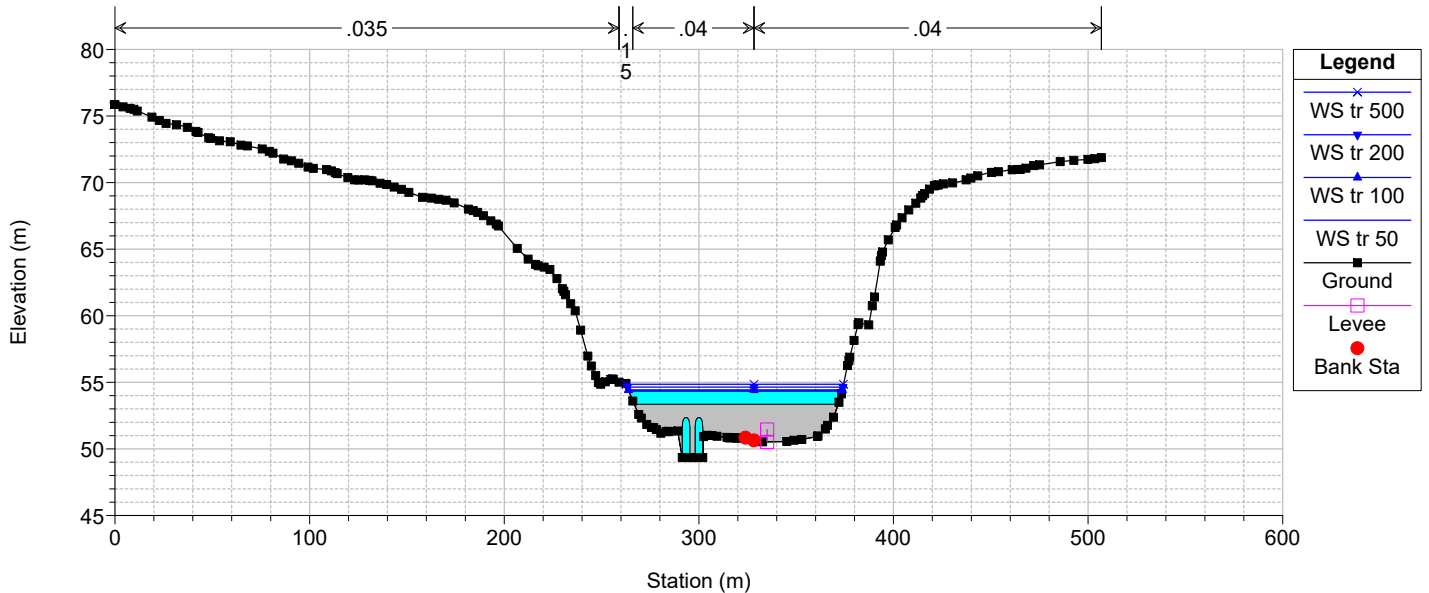
River = RioOttava Reach = RioOttava RS = 4640.692 SEZIONE 20 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



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Geom: 05022021 Flow: 05022021

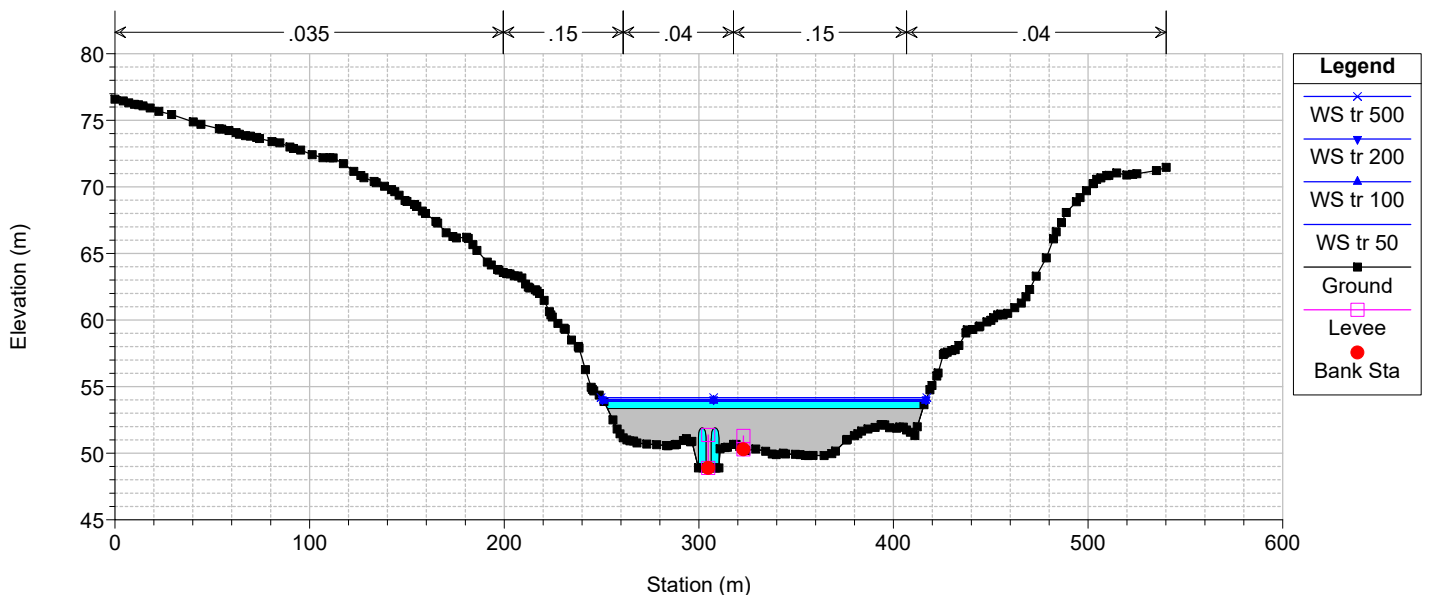
River = RioOttava Reach = RioOttava RS = 4630 Culv. ATTRAVERSAMENTO 1 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



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Geom: 05022021 Flow: 05022021

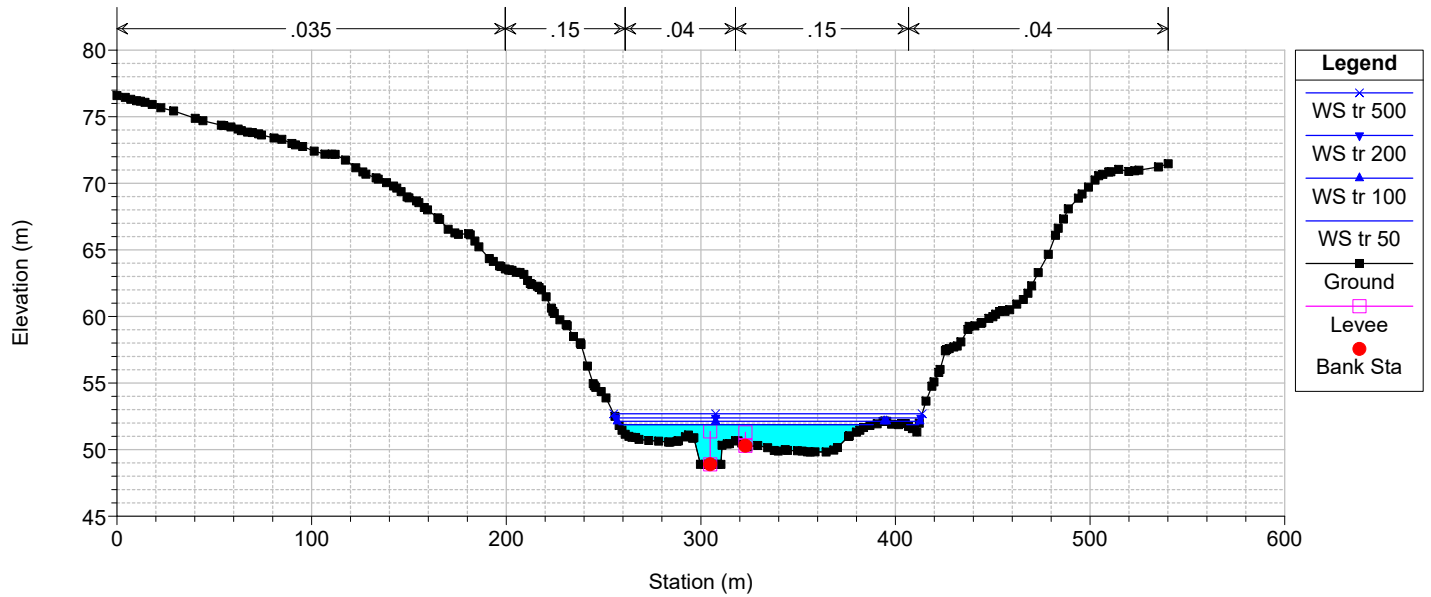
River = RioOttava Reach = RioOttava RS = 4630 Culv. ATTRAVERSAMENTO 1 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



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Geom: 05022021 Flow: 05022021

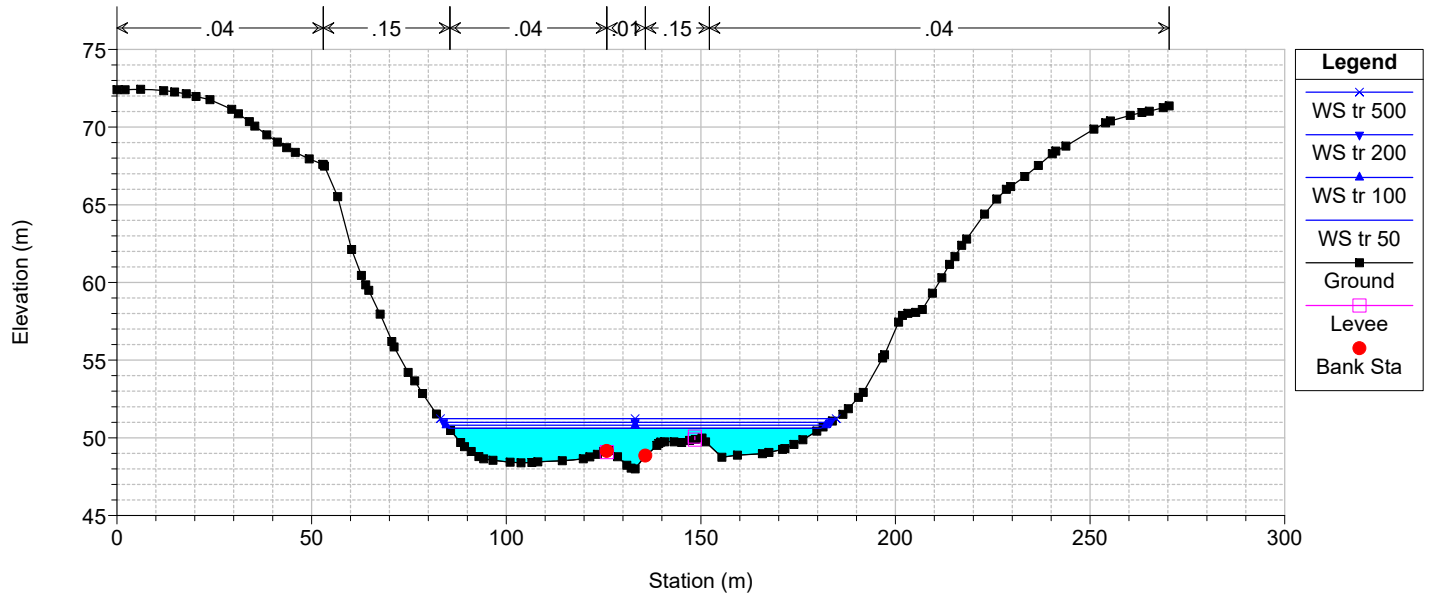
River = RioOttava Reach = RioOttava RS = 4605.528 SEZIONE 19 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



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Geom: 05022021 Flow: 05022021

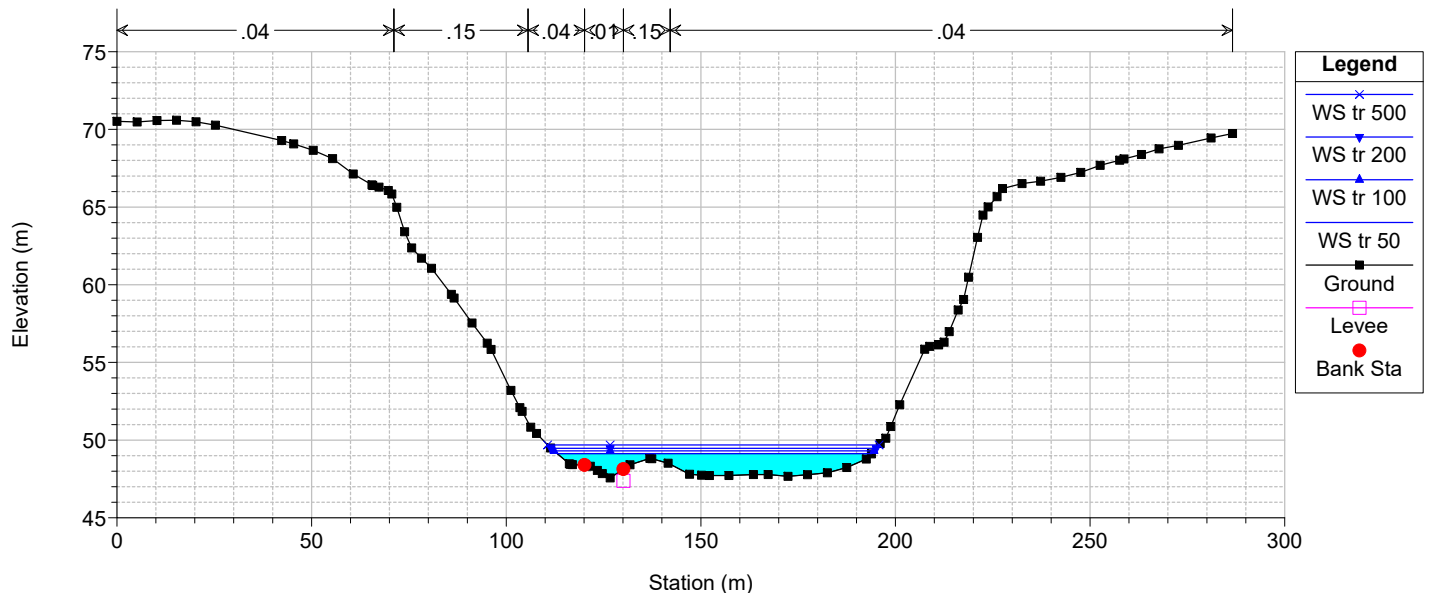
River = RioOttava Reach = RioOttava RS = 4361.569 SEZIONE 18 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



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Geom: 05022021 Flow: 05022021

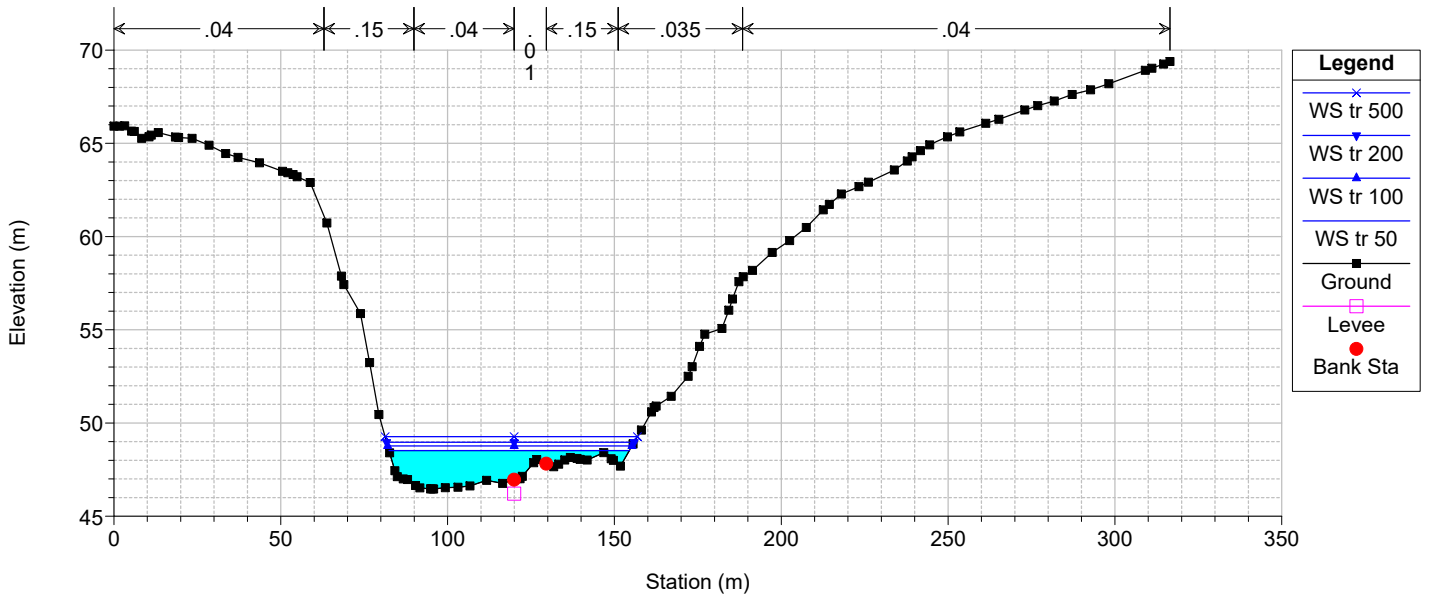
River = RioOttava Reach = RioOttava RS = 4262.120 SEZIONE 17 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

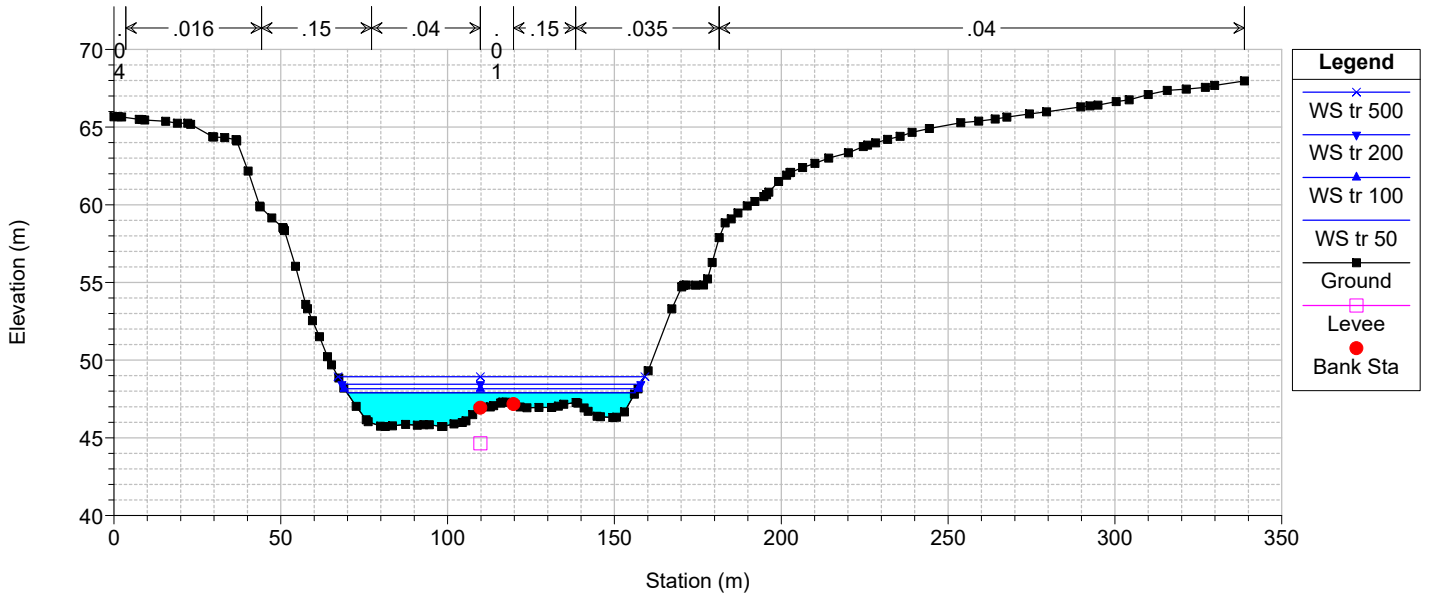
River = RioOttava Reach = RioOttava RS = 4099.741 SEZIONE 16 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

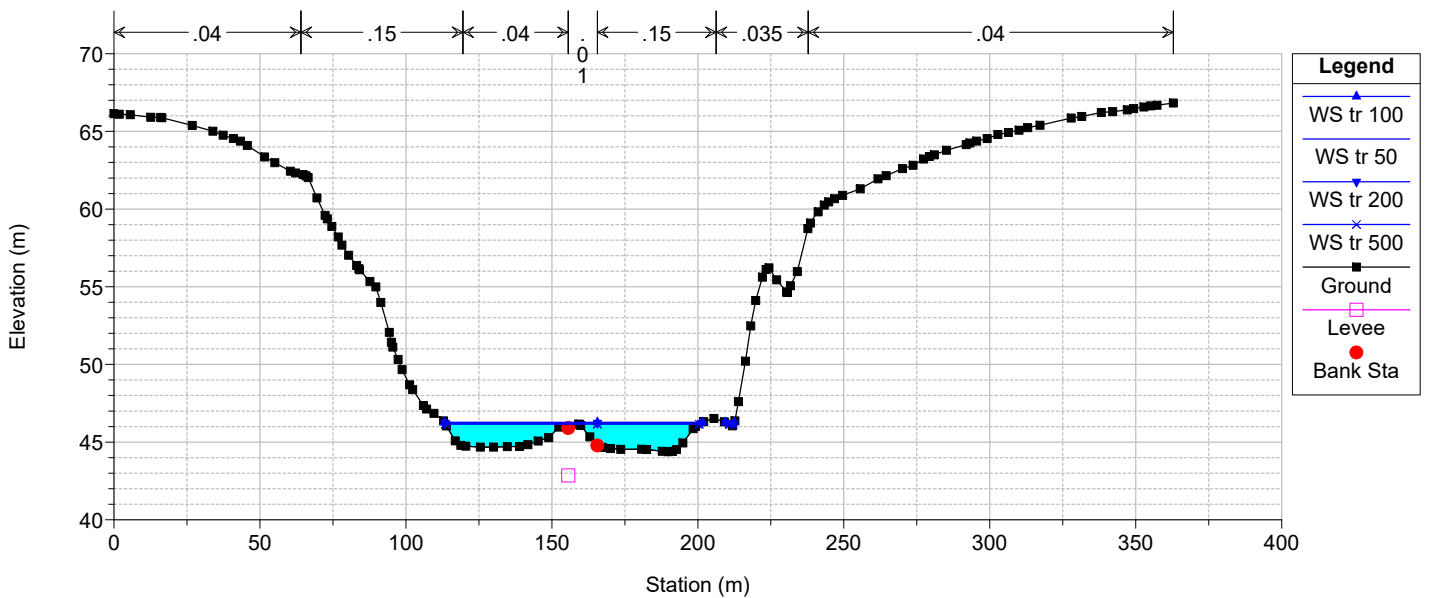
River = RioOttava Reach = RioOttava RS = 3917.168 SEZIONE 15 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

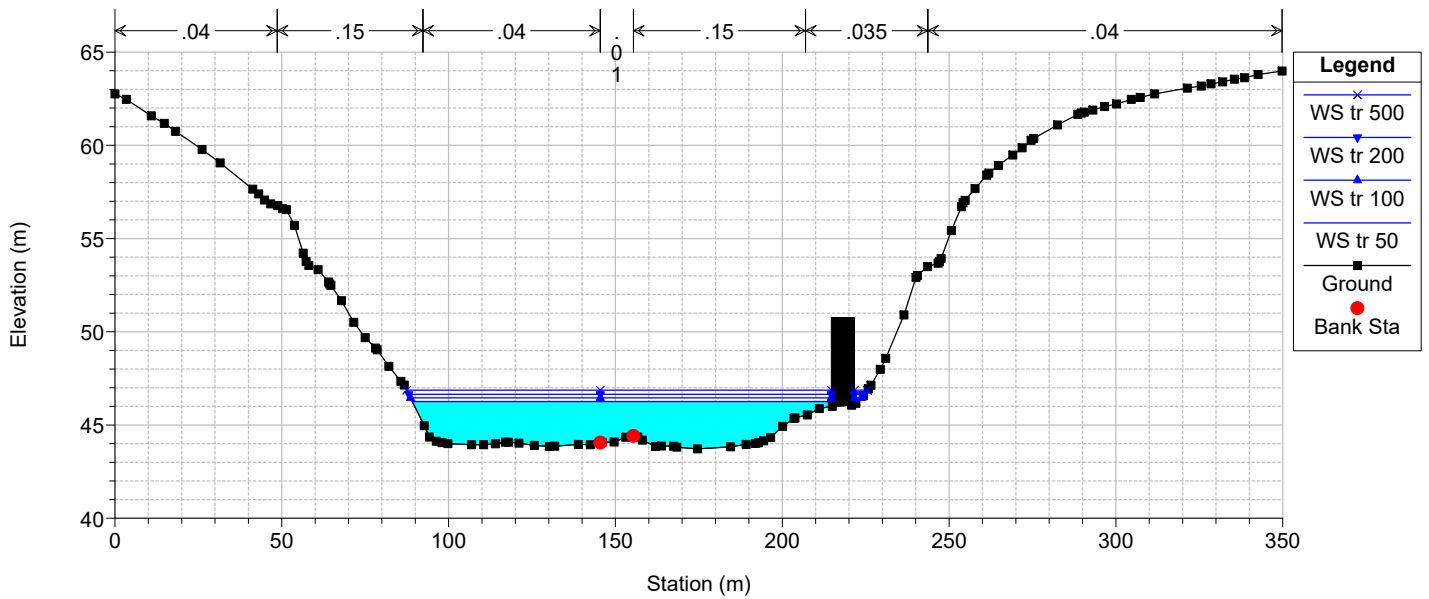
River = RioOttava Reach = RioOttava RS = 3754.104 SEZIONE 14 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



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Geom: 05022021 Flow: 05022021

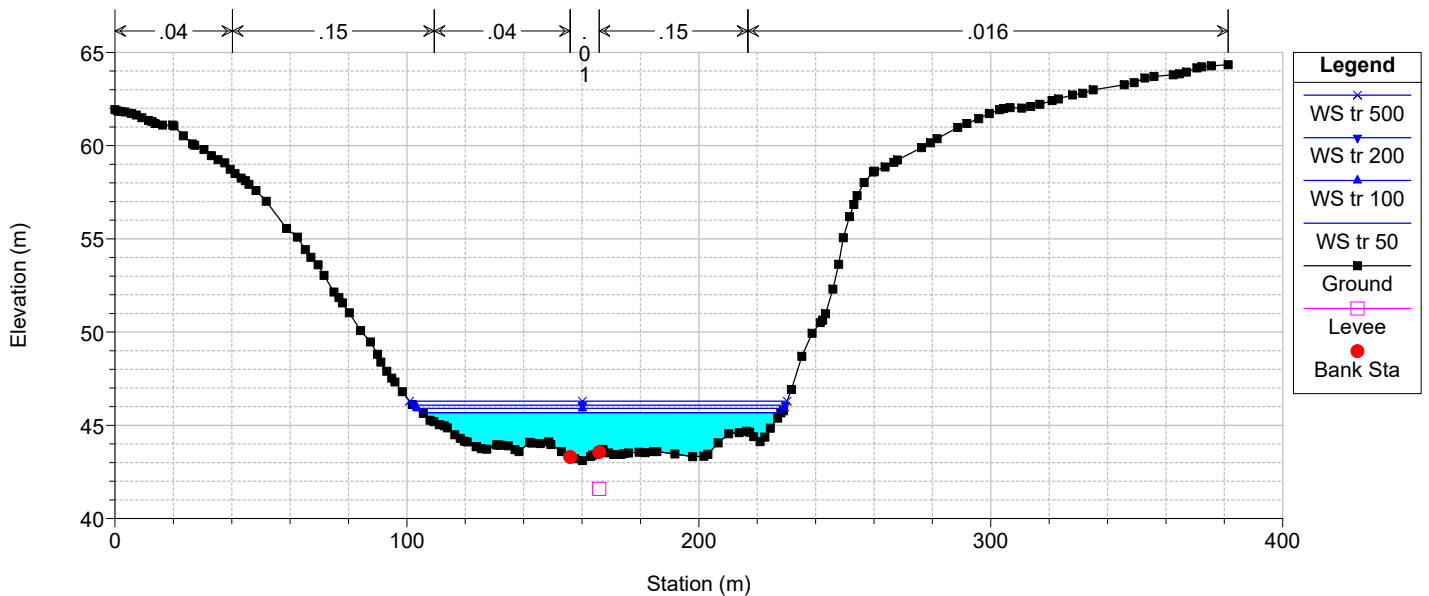
River = RioOttava Reach = RioOttava RS = 3573.121 SEZIONE 13 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



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Geom: 05022021 Flow: 05022021

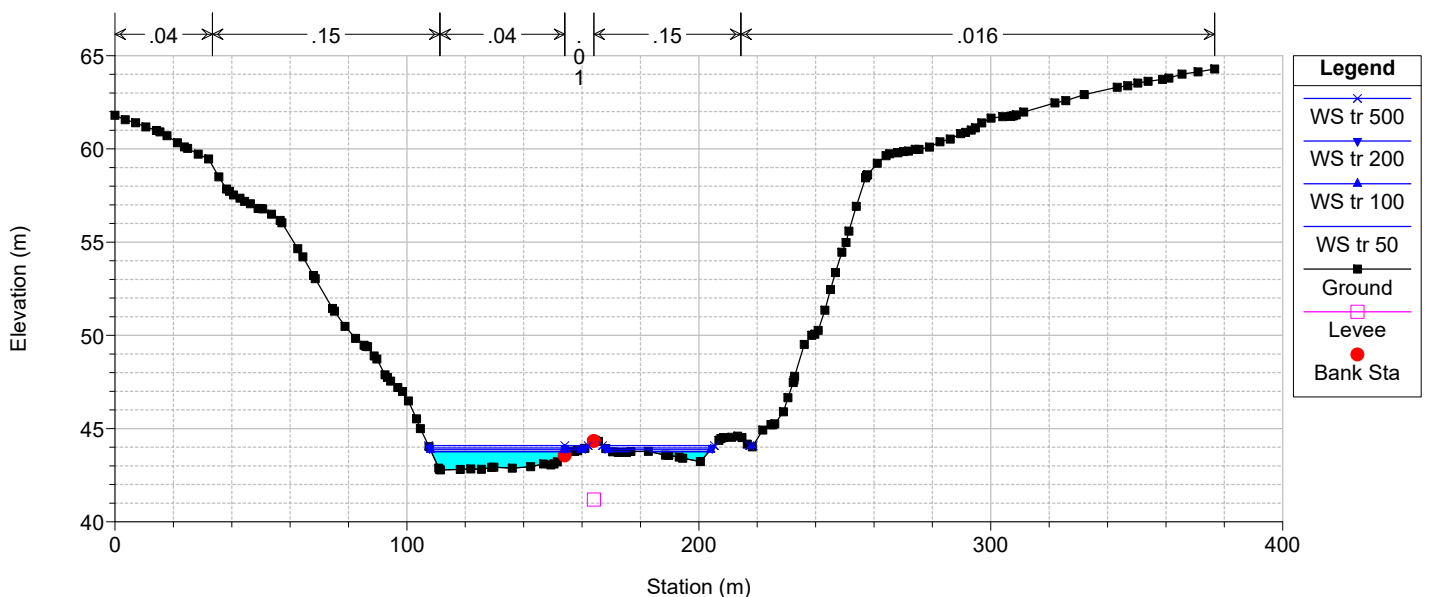
River = RioOttava Reach = RioOttava RS = 3396.640 SEZIONE 12 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



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Geom: 05022021 Flow: 05022021

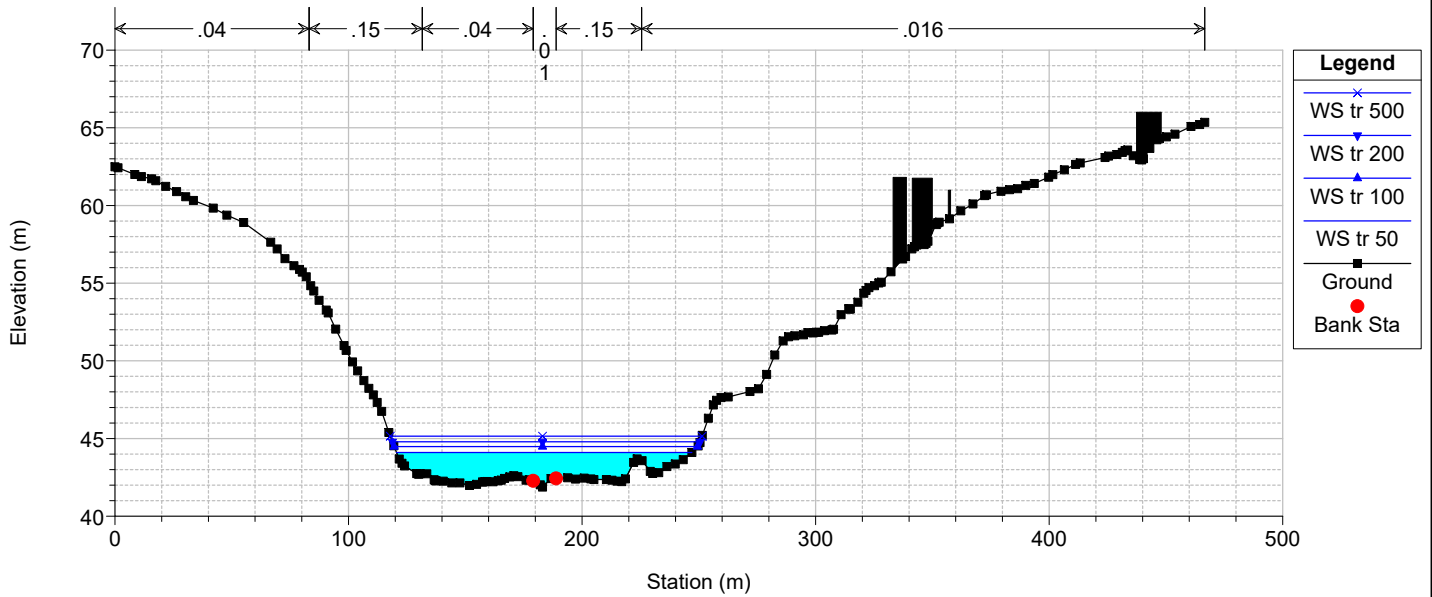
River = RioOttava Reach = RioOttava RS = 3369.776 SEZIONE 11 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



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Geom: 05022021 Flow: 05022021

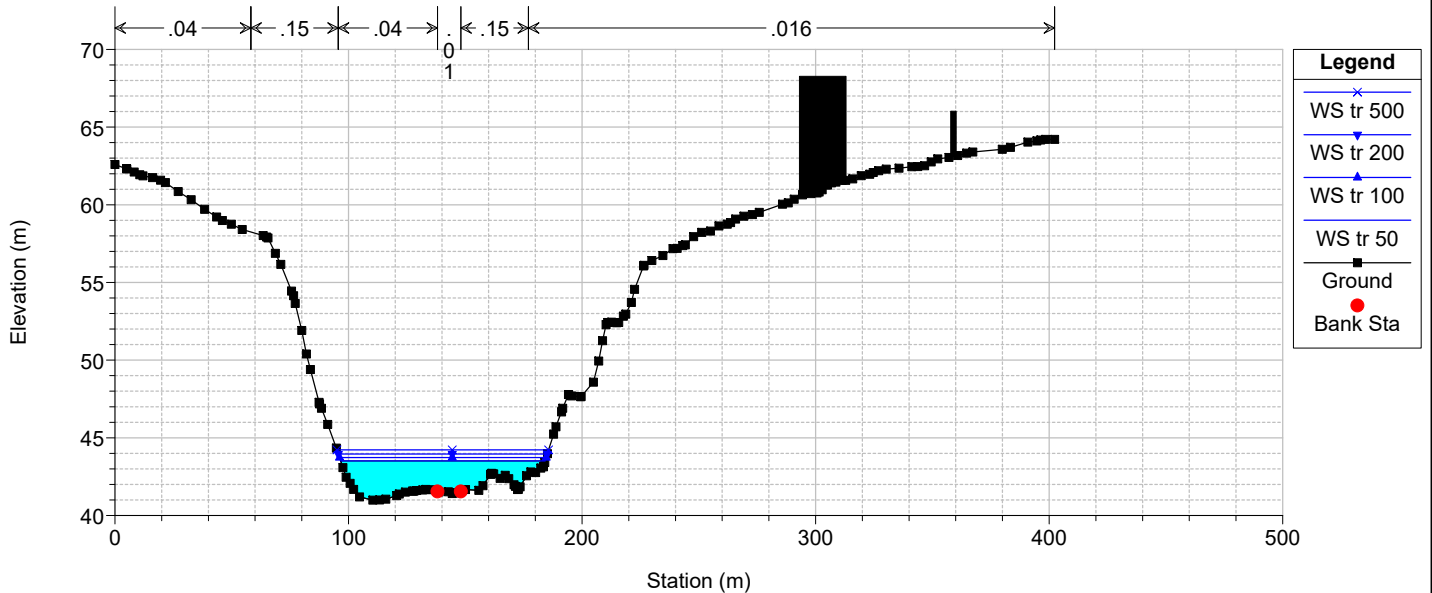
River = RioOttava Reach = RioOttava RS = 3138.892 SEZIONE 10 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



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Geom: 05022021 Flow: 05022021

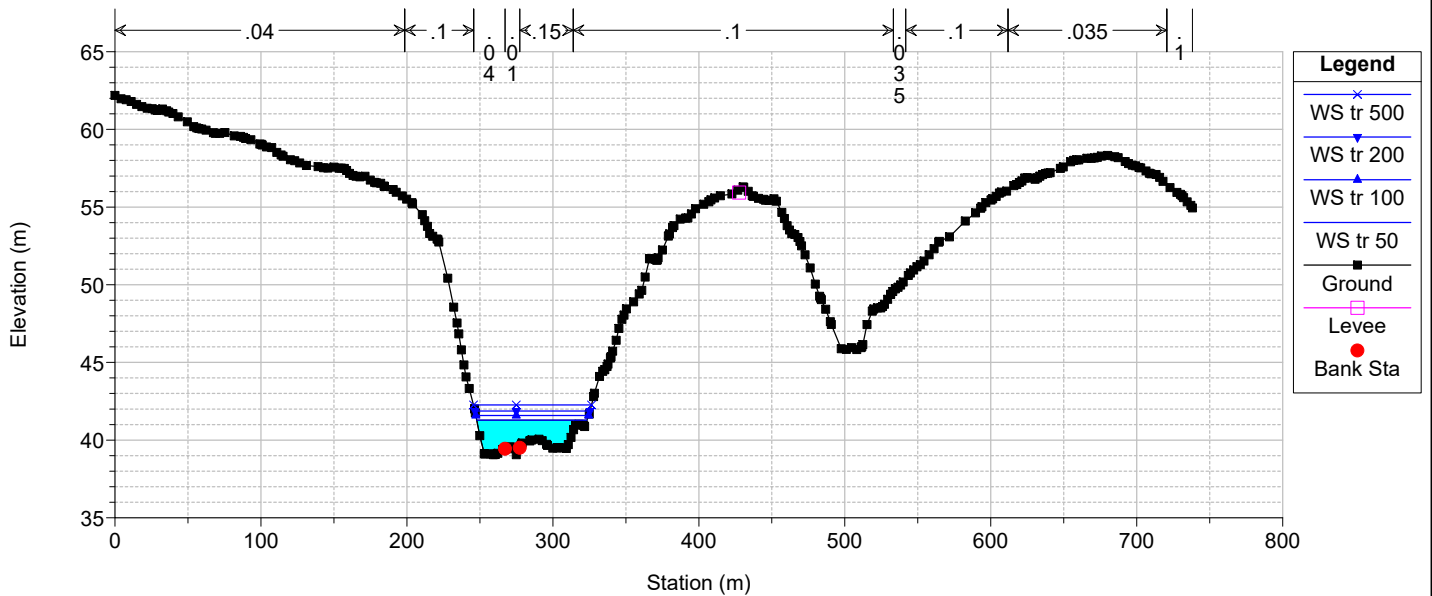
River = RioOttava Reach = RioOttava RS = 2940.767 SEZIONE 9 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

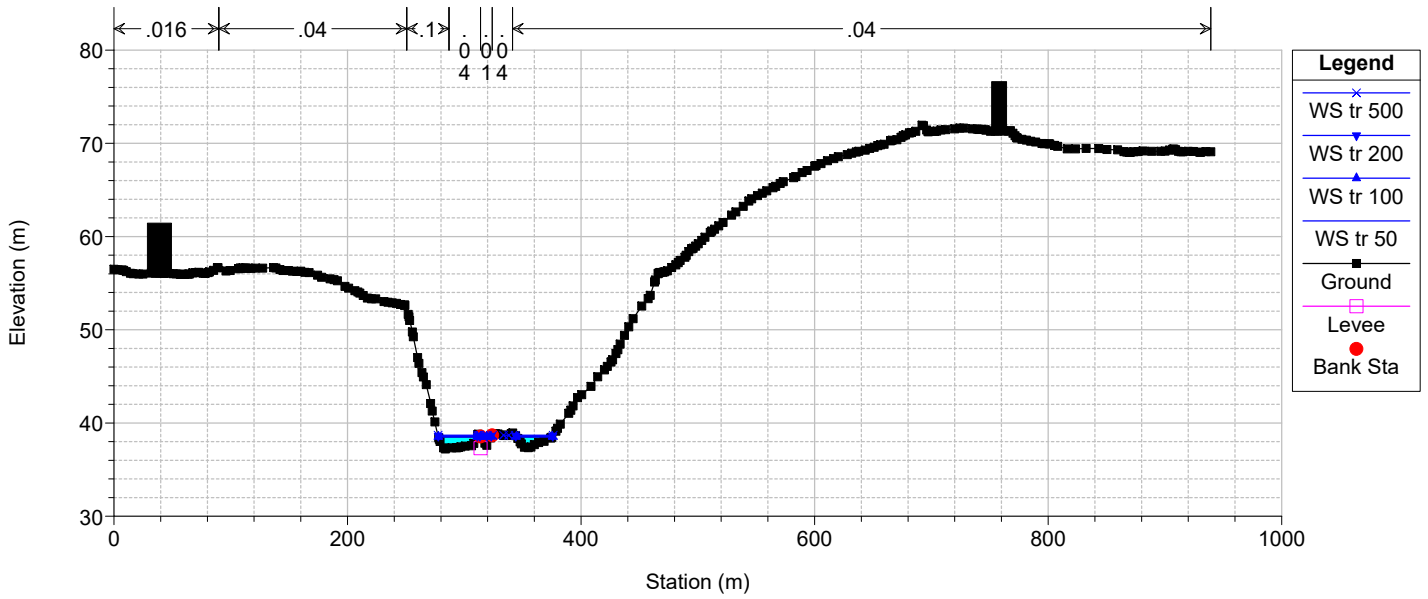
River = RioOttava Reach = RioOttava RS = 2615.426 SEZIONE 8 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

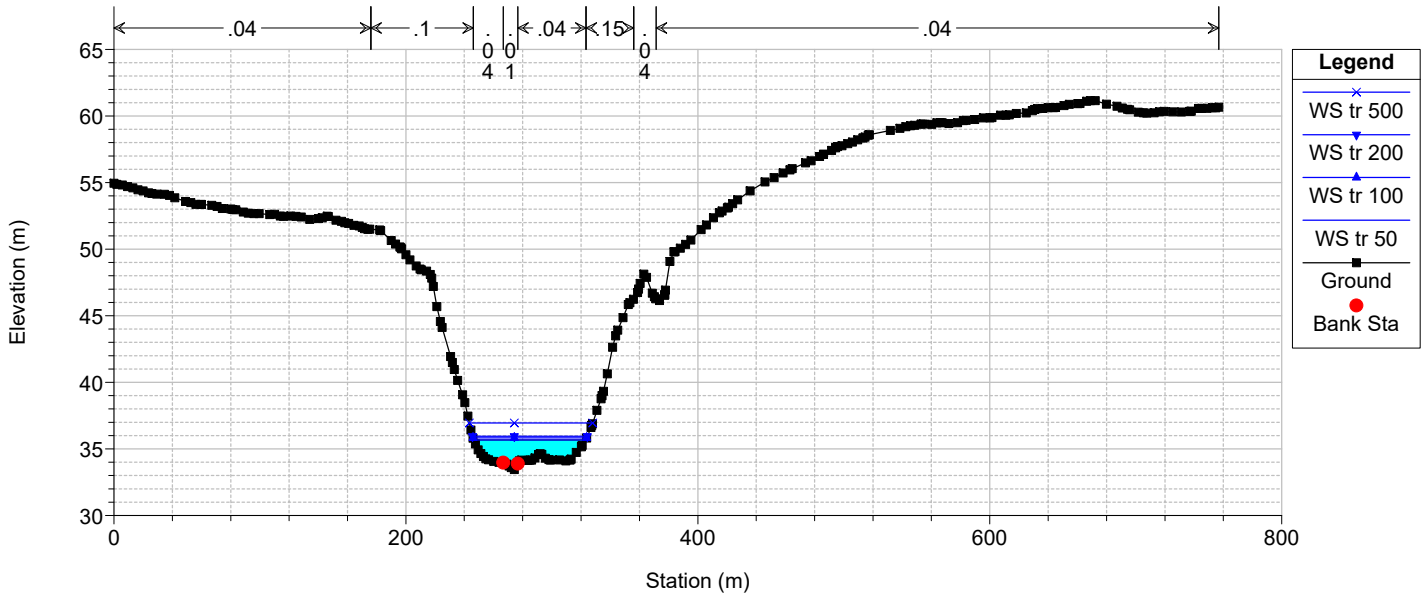
River = RioOttava Reach = RioOttava RS = 2237.737 SEZIONE 7 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

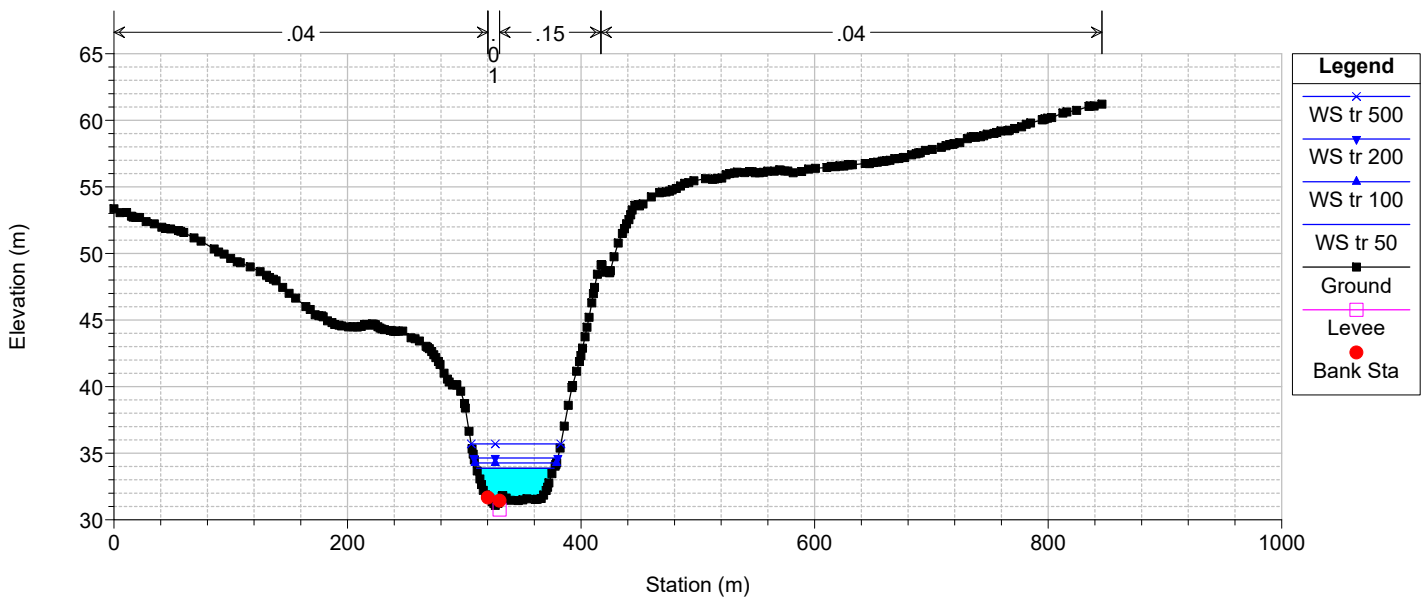
River = RioOttava Reach = RioOttava RS = 1697.963 SEZIONE 6 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

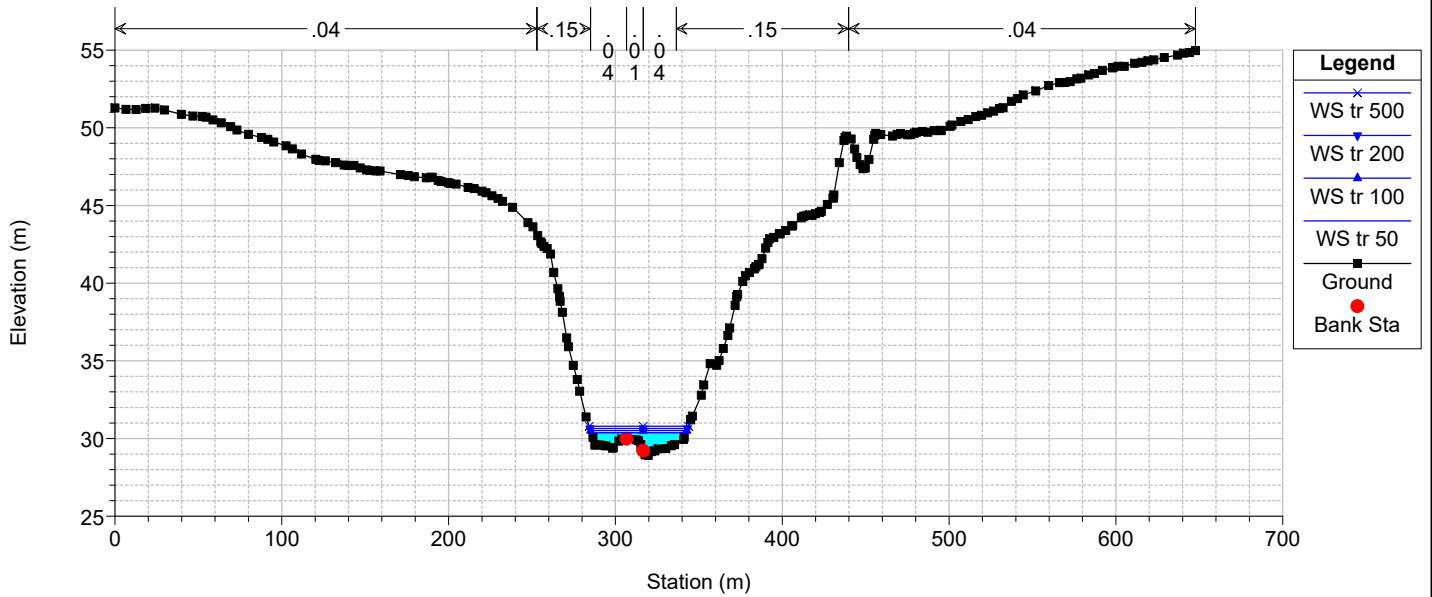
River = RioOttava Reach = RioOttava RS = 1346.505 SEZIONE 5 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



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Geom: 05022021 Flow: 05022021

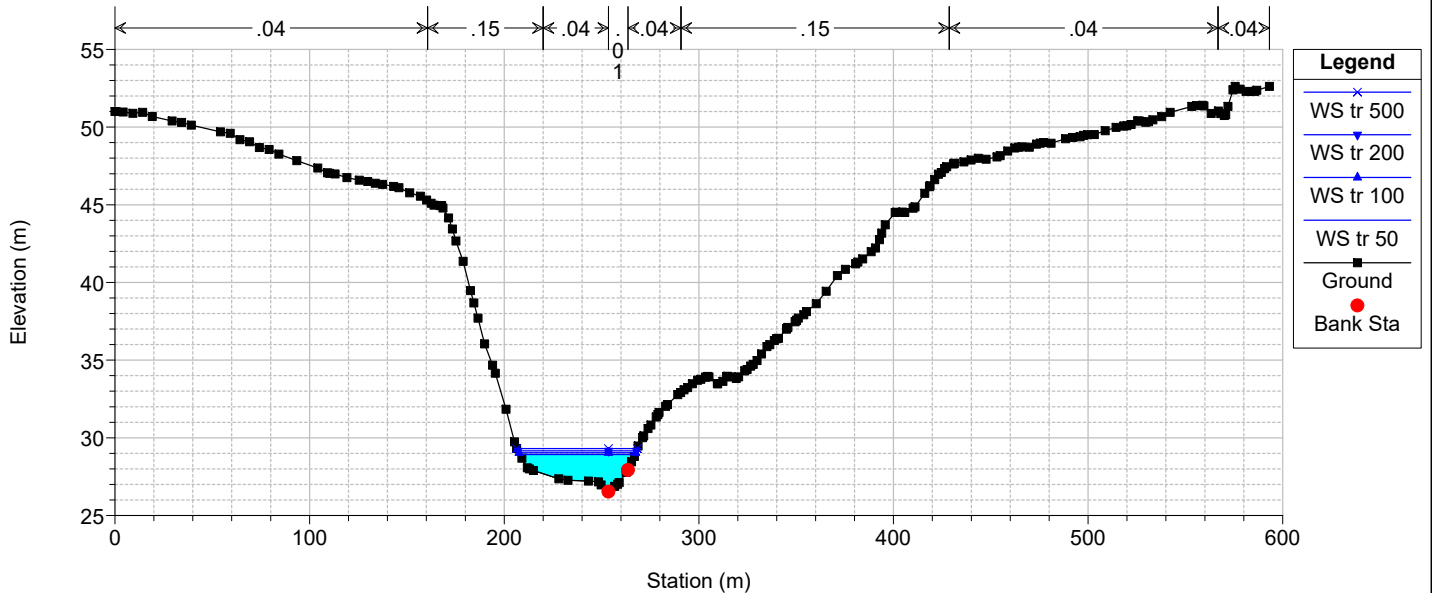
River = RioOttava Reach = RioOttava RS = 963.0016 SEZIONE 4 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

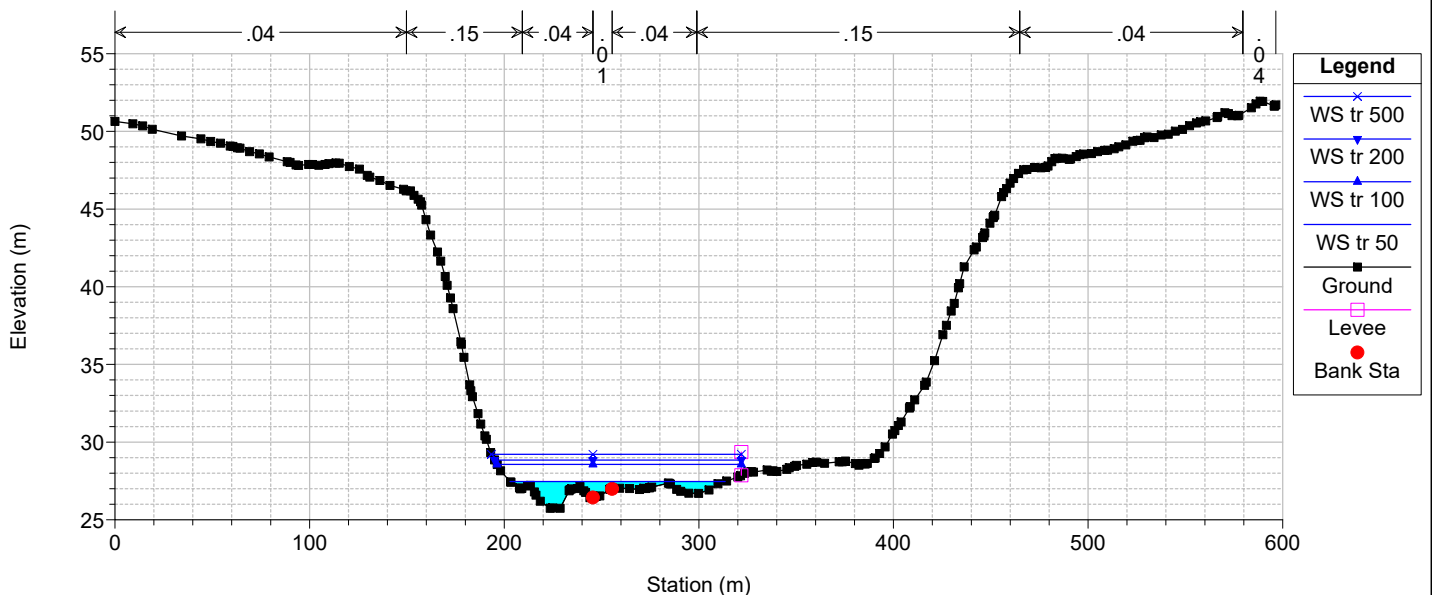
River = RioOttava Reach = RioOttava RS = 615.4363 SEZIONE 3 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

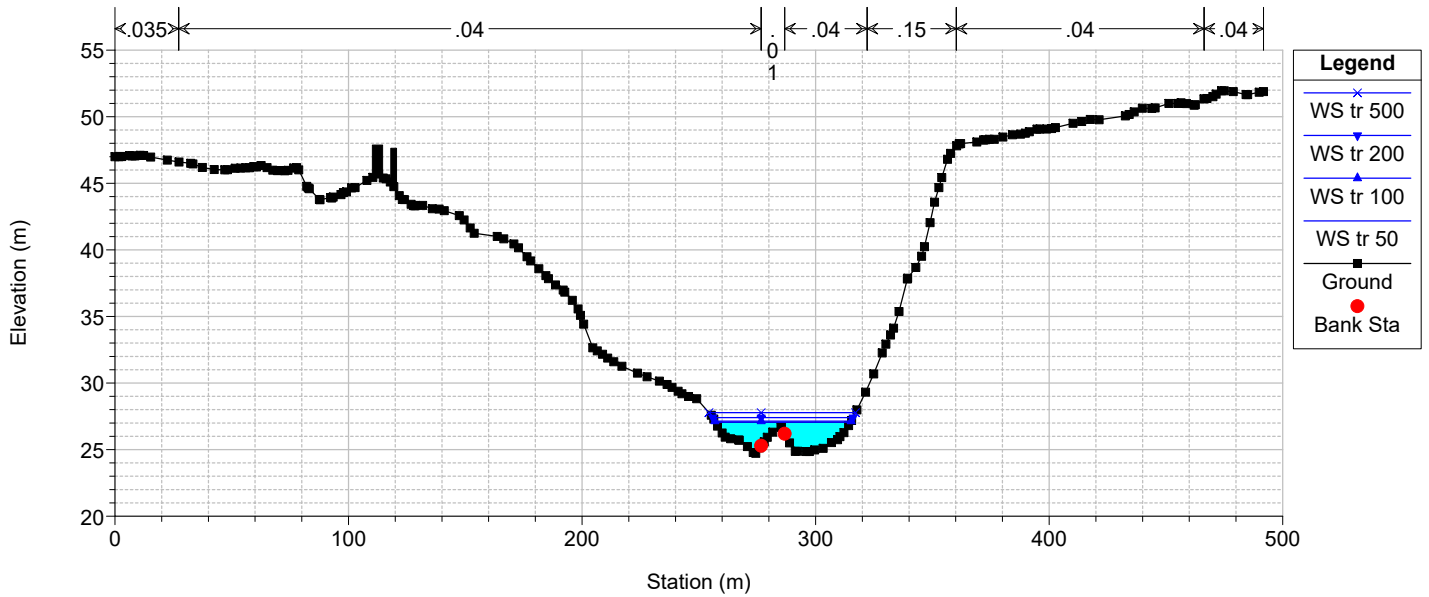
River = RioOttava Reach = RioOttava RS = 586.8027 SEZIONE 2 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

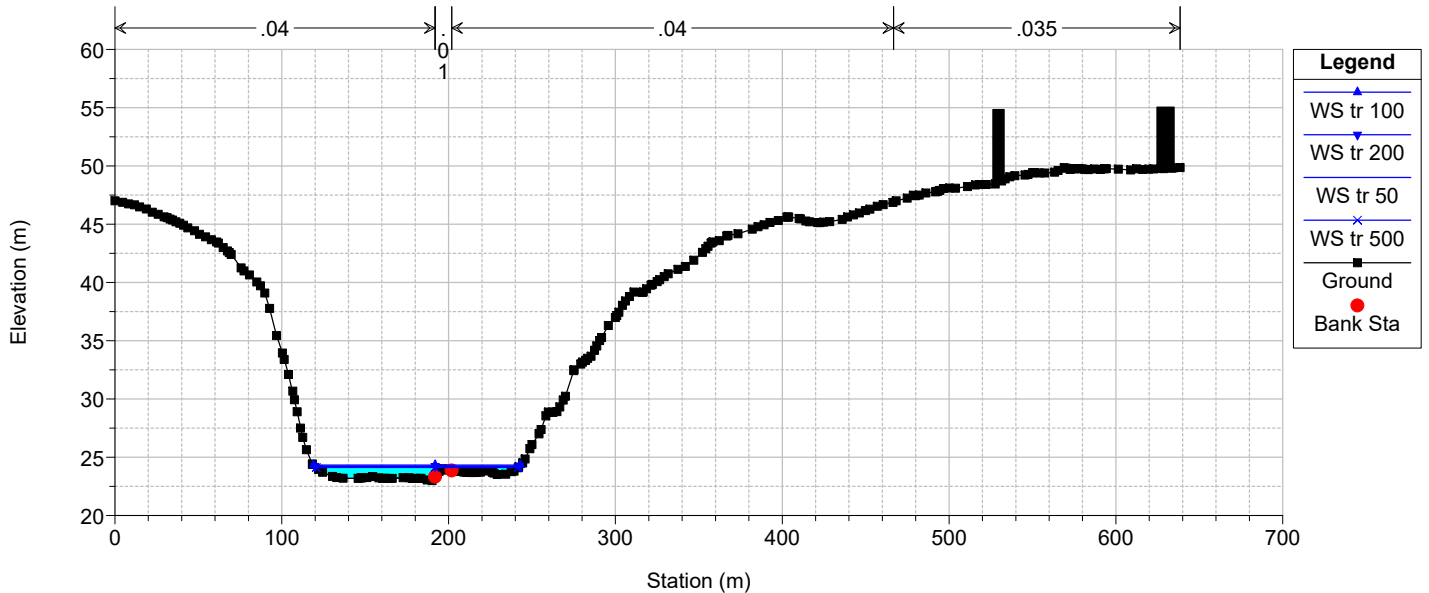
River = RioOttava Reach = RioOttava RS = 331.0077 SEZIONE 1 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



RIO S.GIOVANNI - RIO OTTAVA Plan: 09022021 2/11/2021

Geom: 05022021 Flow: 05022021

River = RioOttava Reach = RioOttava RS = 5.044295 SEZIONE 0 COMUNE DI SASSARI - VARIANTE AL PAI AI SENSI DELL'ART. 37 C.3 DELLE NA DEL PAI



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)	
RioLogolentu	22141.27	tr 50	62.05	327.31	328.81	328.81	329.40	0.001235	4.25	38.49	40.59	1.18
RioLogolentu	22141.27	tr 100	74.68	327.31	328.99	328.99	329.63	0.001164	4.47	45.72	43.69	1.16
RioLogolentu	22141.27	tr 200	87.54	327.31	329.14	329.14	329.84	0.001135	4.71	52.56	46.47	1.17
RioLogolentu	22141.27	tr 500	104.91	327.31	329.33	329.33	330.11	0.001102	4.99	61.78	50.04	1.17
RioLogolentu	22052.61	tr 50	62.05	325.43	326.73	327.41	329.04	0.004917	7.24	20.90	25.74	2.25
RioLogolentu	22052.61	tr 100	74.68	325.43	326.91	327.63	329.28	0.004177	7.39	25.59	27.92	2.13
RioLogolentu	22052.61	tr 200	87.54	325.43	327.08	327.82	329.50	0.003638	7.52	30.51	29.95	2.03
RioLogolentu	22052.61	tr 500	104.91	325.43	327.29	328.07	329.78	0.003127	7.67	37.28	32.36	1.93
RioLogolentu	21938.68	tr 50	62.05	319.20	319.34	320.51	326.54	2.032312	23.85	5.52	18.65	29.07
RioLogolentu	21938.68	tr 100	74.68	319.20	319.47	320.71	327.12	0.771133	25.29	8.23	21.49	20.49
RioLogolentu	21938.68	tr 200	87.54	319.20	319.59	320.89	327.58	0.418952	23.63	10.87	23.89	16.02
RioLogolentu	21938.68	tr 500	104.91	319.20	319.71	321.11	328.05	0.264018	22.34	13.94	26.09	13.28
RioLogolentu	21810.23	tr 50	62.05	315.14	315.99	316.84	319.96	0.012514	9.59	14.16	26.68	3.44
RioLogolentu	21810.23	tr 100	74.68	315.14	316.06	317.02	320.77	0.013473	10.51	16.00	27.94	3.61
RioLogolentu	21810.23	tr 200	87.54	315.14	316.12	317.20	321.54	0.014208	11.33	17.85	29.04	3.76
RioLogolentu	21810.23	tr 500	104.91	315.14	316.21	317.41	322.43	0.014655	12.22	20.47	30.47	3.87
RioLogolentu	21652.75	tr 50	62.05	308.54	309.15	310.16	315.70	0.078643	14.42	10.06	22.07	7.57
RioLogolentu	21652.75	tr 100	74.68	308.54	309.23	310.37	316.53	0.064726	14.93	11.91	23.52	7.10
RioLogolentu	21652.75	tr 200	87.54	308.54	309.30	310.54	317.33	0.056706	15.47	13.70	24.85	6.81
RioLogolentu	21652.75	tr 500	104.91	308.54	309.39	310.74	318.30	0.049730	16.14	16.07	26.34	6.56
RioLogolentu	21543.49	tr 50	62.05	306.05	306.87	307.84	311.97	0.015790	10.53	12.53	24.34	3.84
RioLogolentu	21543.49	tr 100	74.68	306.05	306.94	308.04	312.93	0.016653	11.48	14.31	25.59	4.00
RioLogolentu	21543.49	tr 200	87.54	306.05	307.01	308.22	313.83	0.017239	12.31	16.12	26.80	4.12
RioLogolentu	21543.49	tr 500	104.91	306.05	307.10	308.44	314.94	0.017732	13.28	18.55	28.35	4.25
RioLogolentu	21462.02	tr 50	62.05	304.13	304.95	305.94	310.20	0.031047	11.87	16.07	25.83	5.09
RioLogolentu	21462.02	tr 100	74.68	304.13	305.02	306.15	311.14	0.030020	12.72	18.09	26.92	5.11
RioLogolentu	21462.02	tr 200	87.54	304.13	305.10	306.33	312.03	0.029206	13.49	20.08	27.96	5.13
RioLogolentu	21462.02	tr 500	104.91	304.13	305.19	306.56	313.13	0.028254	14.40	22.70	29.26	5.15
RioLogolentu	21326.54	tr 50	62.05	298.47	300.49	299.86	300.66	0.000248	2.48	89.75	62.79	0.56
RioLogolentu	21326.54	tr 100	74.68	298.47	301.73	300.01	301.80	0.000055	1.62	174.45	72.45	0.29
RioLogolentu	21326.54	tr 200	87.54	298.47	299.12	300.14	307.19	0.042244	14.83	17.31	39.42	6.05
RioLogolentu	21326.54	tr 500	104.91	298.47	299.18	300.30	308.34	0.043017	15.92	19.72	41.31	6.20
RioLogolentu	21155.23	tr 50	62.05	297.54	297.68	297.68	300.25	1.112716	18.65	9.64	22.20	21.80
RioLogolentu	21155.23	tr 100	74.68	297.54	297.69	297.69	301.40	1.530357	22.53	9.78	22.31	25.75
RioLogolentu	21155.23	tr 200	87.54	297.54	298.53	299.37	301.14	0.017064	9.86	34.47	35.79	3.88
RioLogolentu	21155.23	tr 500	104.91	297.54	298.61	299.61	301.96	0.018344	10.98	37.19	36.84	4.09
RioLogolentu	21015.62	tr 50	62.05	294.18	295.02	295.15	295.77	0.008665	5.83	20.79	28.82	2.64
RioLogolentu	21015.62	tr 100	74.68	294.18	295.07	295.33	296.07	0.009790	6.64	22.40	29.60	2.85
RioLogolentu	21015.62	tr 200	87.54	294.18	294.80	295.49	297.32	0.054123	11.02	14.79	25.26	6.15
RioLogolentu	21015.62	tr 500	104.91	294.18	294.86	295.70	297.85	0.054785	11.81	16.46	26.35	6.28
RioLogolentu	20773.82	tr 50	62.05	288.33	288.52	288.52	289.34	0.347426	10.93	16.28	20.34	11.34
RioLogolentu	20773.82	tr 100	74.68	288.33	288.52	288.52	289.71	0.503163	13.15	16.28	20.34	13.65
RioLogolentu	20773.82	tr 200	87.54	288.33	288.52	288.52	290.15	0.691411	15.42	16.28	20.34	16.00
RioLogolentu	20773.82	tr 500	104.91	288.33	288.52	288.52	290.87	0.993055	18.48	16.28	20.34	19.17
RioLogolentu	20566.20	tr 50	62.05	283.43	284.59	285.18	286.55	0.003879	6.75	31.25	47.49	2.02
RioLogolentu	20566.20	tr 100	74.68	283.43	284.71	285.36	286.88	0.003815	7.18	37.33	49.83	2.04
RioLogolentu	20566.20	tr 200	87.54	283.43	284.82	285.54	287.24	0.003878	7.64	42.72	51.39	2.09
RioLogolentu	20566.20	tr 500	104.91	283.43	284.94	285.77	287.75	0.004113	8.31	48.80	53.00	2.18
RioLogolentu	20415.17	tr 50	62.05	283.23	284.02	284.45	285.50	0.010595	7.37	20.50	36.40	3.04
RioLogolentu	20415.17	tr 100	74.68	283.23	284.08	284.60	285.85	0.011015	8.04	22.94	37.53	3.15
RioLogolentu	20415.17	tr 200	87.54	283.23	284.14	284.76	286.20	0.011339	8.66	25.32	38.59	3.24
RioLogolentu	20415.17	tr 500	104.91	283.23	284.22	284.94	286.66	0.011847	9.44	28.27	39.87	3.36
RioLogolentu	20174.23	tr 50	62.05	277.68	278.36	279.11	282.00	0.018100	9.96	14.78	29.12	3.98
RioLogolentu	20174.23	tr 100	74.68	277.68	278.44	279.27	282.39	0.016804	10.43	17.31	30.33	3.92
RioLogolentu	20174.23	tr 200	87.54	277.68	278.52	279.42	282.77	0.015847	10.87	19.81	31.48	3.87
RioLogolentu	20174.23	tr 500	104.91	277.68	278.63	279.63	283.25	0.014866	11.41	23.13	33.18	3.83
RioLogolentu	19894.03	tr 50	62.05	274.98	276.02	276.66	278.24	0.008447	7.87	16.25	25.87	2.82
RioLogolentu	19894.03	tr 100	74.68	274.98	276.11	276.88	278.72	0.008609	8.53	18.65	27.80	2.90
RioLogolentu	19894.03	tr 200	87.54	274.98	276.19	277.03	279.16	0.008780	9.12	20.93	29.24	2.97
RioLogolentu	19894.03	tr 500	104.91	274.98	276.28	277.22	279.71	0.008980	9.84	23.89	31.14	3.05
RioLogolentu	19645.84	tr 50	62.05	271.81	272.74	273.49	275.71	0.011743	8.90	25.16	34.84	3.31
RioLogolentu	19645.84	tr 100	74.68	271.81	272.84	273.70	276.21	0.011236	9.47	28.69	35.64	3.30
RioLogolentu	19645.84	tr 200	87.54	271.81	272.94	273.89	276.67	0.010759	9.96	32.22	36.42	3.29
RioLogolentu	19645.84	tr 500	104.91	271.81	273.06	274.13	277.26	0.010224	10.55	36.84	37.41	3.27
RioLogolentu	19417.66	tr 50	62.05	262.74	263.40	264.48	269.44	0.101648	15.42	10.53	21.49	8.46
RioLogolentu	19417.66	tr 100	74.68	262.74	263.48	264.66	270.23	0.093029	15.89	12.26	22.36	8.24
RioLogolentu	19417.66	tr 200	87.54	262.74	263.55	264.83	270.95	0.086429	16.29	13.92	23.16	8.07
RioLogolentu	19417.66	tr 500	104.91	262.74	263.66	265.04	272.02	0.067288	16.71	16.70	26.99	7.39

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)	
RioLogulentu	18955.19	tr 50	62.05	247.69	247.88	247.97	248.35	0.022803	3.55	20.50	35.10	3.35
RioLogulentu	18955.19	tr 100	74.68	247.69	247.94	248.04	248.51	0.024650	4.60	22.60	35.95	3.68
RioLogulentu	18955.19	tr 200	87.54	247.69	248.00	248.12	248.67	0.026425	5.49	24.52	36.71	3.95
RioLogulentu	18955.19	tr 500	104.91	247.69	248.03	248.21	248.92	0.032339	6.56	25.83	37.22	4.45
RioLogulentu	18628.65	tr 50	62.05	233.96	234.62	235.57	239.30	0.031166	11.58	17.85	27.34	5.06
RioLogulentu	18628.65	tr 100	74.68	233.96	234.73	235.78	239.81	0.025994	11.93	20.77	28.09	4.77
RioLogulentu	18628.65	tr 200	87.54	233.96	234.83	235.98	240.28	0.022436	12.25	23.71	28.99	4.54
RioLogulentu	18628.65	tr 500	104.91	233.96	234.98	236.23	240.70	0.018203	12.45	28.08	30.35	4.22
RioLogulentu	18322.60	tr 50	140.86	225.24	226.59	227.96	233.20	0.016160	13.36	19.89	22.90	4.10
RioLogulentu	18322.60	tr 100	170.43	225.24	226.74	228.26	234.13	0.015411	14.18	23.30	24.32	4.09
RioLogulentu	18322.60	tr 200	200.53	225.24	226.88	228.55	234.95	0.014685	14.87	26.79	25.69	4.06
RioLogulentu	18322.60	tr 500	240.94	225.24	227.06	228.90	235.84	0.013677	15.60	31.63	27.48	4.00
RioLogulentu	17916.92	tr 50	140.86	203.85	203.98	207.31	210.30	3.182103	26.46	12.73	13.99	33.76
RioLogulentu	17916.92	tr 100	170.43	203.85	205.01	207.87	217.98	0.218281	29.63	29.70	18.93	12.82
RioLogulentu	17916.92	tr 200	200.53	203.85	205.35	208.30	220.85	0.131013	28.07	36.37	20.42	10.42
RioLogulentu	17916.92	tr 500	240.94	203.85	205.66	208.83	223.28	0.095682	27.54	42.97	21.79	9.20
RioLogulentu	17516.65	tr 50	140.86	190.54	191.56	192.31	194.33	0.010471	10.23	54.79	55.94	3.27
RioLogulentu	17516.65	tr 100	170.43	190.54	191.48	192.52	196.37	0.020557	13.56	50.33	55.35	4.52
RioLogulentu	17516.65	tr 200	200.53	190.54	191.50	192.73	197.98	0.026587	15.62	51.33	55.48	5.15
RioLogulentu	17516.65	tr 500	240.94	190.54	191.55	193.00	199.91	0.032215	17.78	53.99	55.83	5.72
RioLogulentu	17145.13	tr 50	140.86	183.60	184.88	186.12	189.99	0.011655	12.05	54.98	47.25	3.54
RioLogulentu	17145.13	tr 100	170.43	183.60	185.04	186.45	190.80	0.011091	12.80	62.68	47.98	3.52
RioLogulentu	17145.13	tr 200	200.53	183.60	185.17	186.76	191.80	0.011335	13.74	68.80	48.54	3.62
RioLogulentu	17145.13	tr 500	240.94	183.60	185.33	187.15	193.03	0.011456	14.82	76.82	49.27	3.70
RioLogulentu	16578.53	tr 50	140.86	172.68	173.58	174.33	177.43	0.052082	13.65	26.19	52.74	6.03
RioLogulentu	16578.53	tr 100	170.43	172.68	173.63	174.51	178.37	0.057149	15.17	28.75	53.47	6.41
RioLogulentu	16578.53	tr 200	200.53	172.68	173.68	174.73	179.10	0.057494	16.23	31.88	54.27	6.54
RioLogulentu	16578.53	tr 500	240.94	172.68	173.75	174.92	180.10	0.058956	17.60	35.61	55.21	6.74
RioLogulentu	16070.16	tr 50	140.86	164.59	165.45	165.69	166.37	0.010442	7.56	53.83	73.81	3.02
RioLogulentu	16070.16	tr 100	170.43	164.59	165.54	165.85	166.66	0.010664	8.31	60.23	74.29	3.12
RioLogulentu	16070.16	tr 200	200.53	164.59	165.62	166.00	166.96	0.011062	9.05	65.91	74.71	3.23
RioLogulentu	16070.16	tr 500	240.94	164.59	165.71	166.20	167.35	0.011559	9.96	72.91	75.23	3.36
RioLogulentu	15575.54	tr 50	164.35	156.81	157.34	157.52	157.96	0.028119	6.70	50.90	101.13	4.25
RioLogulentu	15575.54	tr 100	198.17	156.81	157.40	157.63	158.16	0.027893	7.68	56.97	101.73	4.38
RioLogulentu	15575.54	tr 200	232.55	156.81	157.47	157.74	158.39	0.026955	8.60	64.34	116.48	4.45
RioLogulentu	15575.54	tr 500	278.60	156.81	157.54	157.86	158.64	0.026210	9.52	72.77	117.75	4.52
RioLogulentu	15328.37	tr 50	164.35	154.28	155.47	155.63	156.16	0.003232	6.25	82.80	90.70	1.86
RioLogulentu	15328.37	tr 100	198.17	154.28	155.59	155.76	156.36	0.003266	6.69	93.15	91.20	1.90
RioLogulentu	15328.37	tr 200	232.55	154.28	155.69	155.89	156.56	0.003341	7.12	102.52	91.66	1.94
RioLogulentu	15328.37	tr 500	278.60	154.28	155.83	156.05	156.80	0.003343	7.59	115.11	92.26	1.98
RioLogulentu	15183.13	tr 50	164.35	152.51	154.86	153.83	154.97	0.000902	2.29	123.66	68.55	0.53
RioLogulentu	15183.13	tr 100	198.17	152.51	155.04	153.97	155.17	0.000974	2.54	136.42	69.86	0.56
RioLogulentu	15183.13	tr 200	232.55	152.51	155.21	154.10	155.37	0.001037	2.76	148.45	70.91	0.58
RioLogulentu	15183.13	tr 500	278.60	152.51	155.44	154.26	155.62	0.001085	3.00	164.57	71.94	0.61
RioLogulentu	15170	Culvert										
RioLogulentu	15164.15	tr 50	164.35	151.22	152.99	152.99	153.58	0.006411	5.11	58.51	55.30	1.35
RioLogulentu	15164.15	tr 100	198.17	151.22	153.20	153.20	153.79	0.005598	5.22	70.78	61.93	1.29
RioLogulentu	15164.15	tr 200	232.55	151.22	153.35	153.35	153.99	0.005509	5.48	80.23	65.41	1.30
RioLogulentu	15164.15	tr 500	278.60	151.22	153.54	153.54	154.23	0.005329	5.76	93.01	69.35	1.30
RioLogulentu	14813.70	tr 50	164.35	145.65	146.48	147.27	149.71	0.018998	12.01	39.23	59.94	4.25
RioLogulentu	14813.70	tr 100	198.17	145.65	146.58	147.44	150.20	0.018379	12.77	45.44	63.59	4.26
RioLogulentu	14813.70	tr 200	232.55	145.65	148.03	147.57	148.41	0.000673	4.60	164.43	92.37	0.96
RioLogulentu	14813.70	tr 500	278.60	145.65	146.83	147.77	150.93	0.015448	13.77	62.79	75.15	4.07
RioLogulentu	14647.41	tr 50	164.35	142.77	143.75	144.45	146.54	0.017584	11.44	43.00	69.22	4.08
RioLogulentu	14647.41	tr 100	198.17	142.77	143.83	144.61	147.05	0.018119	12.37	48.60	72.00	4.20
RioLogulentu	14647.41	tr 200	232.55	142.77	148.26	148.26	148.30	0.000025	1.52	500.52	114.33	0.21
RioLogulentu	14647.41	tr 500	278.60	142.77	143.99	148.26	148.09	0.019047	14.18	60.55	76.09	4.43
RioLogulentu	14465.44	tr 50	164.35	139.48	142.22	141.56	142.31	0.000634	2.32	162.92	114.28	0.47
RioLogulentu	14465.44	tr 100	198.17	139.48	142.35	141.68	142.45	0.000720	2.56	177.46	116.50	0.50
RioLogulentu	14465.44	tr 200	232.55	139.48	140.56	141.77	147.52	0.103379	14.40	22.19	26.76	4.99
RioLogulentu	14465.44	tr 500	278.60	139.48	142.60	141.88	142.75	0.000897	3.04	207.60	120.35	0.57
RioLogulentu	14455	Culvert										
RioLogulentu	14447.53	tr 50	164.35	139.66	140.45	140.45	140.77	0.011669	3.92	68.38	105.74	1.59
RioLogulentu	14447.53	tr 100	198.17	139.66	140.53	140.53	140.90	0.011480	4.24	77.57	107.83	1.61
RioLogulentu	14447.53	tr 200	232.55	139.66	140.62	140.62	141.02	0.010950	4.49	87.35	109.95	1.60
RioLogulentu	14447.53	tr 500	278.60	139.66	140.73	140.73	141.18	0.010675	4.81	98.97	112.43	1.62

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)	
RioLogulentu	14066.62	tr 50	164.35	135.15	138.44	135.92	138.45	0.000041	0.70	395.70	130.92	0.12
RioLogulentu	14066.62	tr 100	198.17	135.15	138.60	136.00	138.61	0.000050	0.80	416.31	131.68	0.14
RioLogulentu	14066.62	tr 200	232.55	135.15	138.74	136.07	138.75	0.000060	0.91	434.06	132.34	0.15
RioLogulentu	14066.62	tr 500	278.60	135.15	138.90	136.17	138.92	0.000073	1.03	456.08	133.15	0.17
RioLogulentu	14057	Bridge										
RioLogulentu	14052.69	tr 50	164.35	134.61	138.44		138.45	0.000033	0.67	444.46	149.76	0.11
RioLogulentu	14052.69	tr 100	198.17	134.61	138.60		138.61	0.000040	0.76	468.03	150.56	0.13
RioLogulentu	14052.69	tr 200	232.55	134.61	138.74		138.75	0.000048	0.86	488.34	151.28	0.14
RioLogulentu	14052.69	tr 500	278.60	134.61	138.90		138.92	0.000059	0.97	513.53	152.23	0.15
RioLogulentu	13987.71	tr 50	164.35	133.97	138.43		138.45	0.000017	1.13	497.82	137.32	0.17
RioLogulentu	13987.71	tr 100	198.17	133.97	138.59		138.61	0.000022	1.31	518.93	138.39	0.19
RioLogulentu	13987.71	tr 200	232.55	133.97	138.72		138.75	0.000028	1.49	537.01	139.30	0.22
RioLogulentu	13987.71	tr 500	278.60	133.97	138.88		138.91	0.000035	1.71	559.32	140.38	0.25
RioLogulentu	13923.17	tr 50	164.35	132.30	138.40	136.70	138.44	0.000261	1.13	196.92	117.72	0.20
RioLogulentu	13923.17	tr 100	198.17	132.30	138.55	136.98	138.60	0.000303	1.26	214.65	122.90	0.21
RioLogulentu	13923.17	tr 200	232.55	132.30	138.67	137.16	138.74	0.000351	1.38	230.14	125.80	0.23
RioLogulentu	13923.17	tr 500	278.60	132.30	138.83	137.29	138.90	0.000404	1.52	249.64	127.74	0.25
RioLogulentu	13910	Culvert										
RioLogulentu	13900.37	tr 50	164.35	133.09	134.91	134.91	135.69	0.004868	4.35	45.79	29.47	1.09
RioLogulentu	13900.37	tr 100	198.17	133.09	135.01	135.01	135.15	0.001154	2.20	135.81	85.08	0.53
RioLogulentu	13900.37	tr 200	232.55	133.09	135.01	135.01	135.20	0.001589	2.58	135.81	85.08	0.63
RioLogulentu	13900.37	tr 500	278.60	133.09	135.09	135.09	135.26	0.001525	2.60	172.19	115.08	0.62
RioLogulentu	13770.69	tr 50	167.23	131.79	132.17	132.65	133.91	0.091840	11.41	33.34	89.10	7.57
RioLogulentu	13770.69	tr 100	200.87	131.79	132.20	132.77	134.44	0.101880	13.10	36.23	91.74	8.15
RioLogulentu	13770.69	tr 200	234.99	131.79	132.34	132.89	134.40	0.056332	12.78	48.89	97.91	6.48
RioLogulentu	13770.69	tr 500	280.60	131.79	132.46	133.02	134.52	0.039146	12.73	60.91	100.15	5.65
RioLogulentu	13546.25	tr 50	167.23	128.20	129.59	130.03	130.84	0.004941	7.77	69.87	87.39	2.30
RioLogulentu	13546.25	tr 100	200.87	128.20	129.71	130.15	131.14	0.005108	8.40	80.16	94.59	2.37
RioLogulentu	13546.25	tr 200	234.99	128.20	129.79	130.29	131.42	0.005467	9.05	87.82	97.68	2.48
RioLogulentu	13546.25	tr 500	280.60	128.20	129.89	130.45	131.74	0.005811	9.78	97.56	100.36	2.59
RioLogulentu	13332.99	tr 50	167.23	125.00	129.34	127.98	129.36	0.000105	0.73	365.76	192.94	0.12
RioLogulentu	13332.99	tr 100	200.87	125.00	129.45	127.98	129.47	0.000128	0.82	386.77	193.76	0.13
RioLogulentu	13332.99	tr 200	234.99	125.00	129.55	127.99	129.56	0.000151	0.91	404.86	194.47	0.14
RioLogulentu	13332.99	tr 500	280.60	125.00	129.65	128.14	129.68	0.000183	1.02	426.07	195.29	0.16
RioLogulentu	13320	Culvert										
RioLogulentu	13311.11	tr 50	167.23	124.50	126.67	126.67	126.98	0.003007	4.12	102.31	132.38	0.93
RioLogulentu	13311.11	tr 100	200.87	124.50	126.75	126.75	127.10	0.003257	4.41	113.72	134.35	0.97
RioLogulentu	13311.11	tr 200	234.99	124.50	126.83	126.83	127.21	0.003508	4.69	123.97	135.66	1.01
RioLogulentu	13311.11	tr 500	280.60	124.50	126.93	126.93	127.34	0.003709	4.97	138.09	137.98	1.05
RioLogulentu	13123.61	tr 50	167.23	122.79	123.86	124.37	125.81	0.011798	9.93	55.42	97.51	3.38
RioLogulentu	13123.61	tr 100	200.87	122.79	123.96	124.50	125.92	0.010609	10.14	65.73	100.66	3.27
RioLogulentu	13123.61	tr 200	234.99	122.79	124.06	124.61	126.02	0.009620	10.32	76.17	103.96	3.16
RioLogulentu	13123.61	tr 500	280.60	122.79	124.19	124.63	126.16	0.008729	10.56	89.25	107.05	3.07
RioLogulentu	12910.90	tr 50	167.23	119.74	121.66	122.22	123.80	0.007686	9.28	62.17	107.07	2.66
RioLogulentu	12910.90	tr 100	200.87	119.74	121.76	122.32	123.99	0.007696	9.75	72.55	114.21	2.70
RioLogulentu	12910.90	tr 200	234.99	119.74	121.84	122.45	124.16	0.007760	10.18	81.94	118.04	2.74
RioLogulentu	12910.90	tr 500	280.60	119.74	121.94	122.60	124.37	0.007786	10.69	94.46	124.29	2.77
RioLogulentu	12737.84	tr 50	167.23	118.97	121.71	121.02	121.75	0.000295	1.59	252.91	180.16	0.32
RioLogulentu	12737.84	tr 100	200.87	118.97	121.79	121.12	121.83	0.000364	1.80	267.05	182.54	0.36
RioLogulentu	12737.84	tr 200	234.99	118.97	121.87	121.12	121.92	0.000430	1.99	280.75	184.71	0.39
RioLogulentu	12737.84	tr 500	280.60	118.97	121.96	121.12	122.02	0.000515	2.23	297.94	187.05	0.43
RioLogulentu	12720	Bridge										
RioLogulentu	12715.17	tr 50	167.23	118.64	120.48		120.53	0.000681	1.74	190.35	159.52	0.45
RioLogulentu	12715.17	tr 100	200.87	118.64	120.59		120.64	0.000762	1.92	207.57	164.04	0.48
RioLogulentu	12715.17	tr 200	234.99	118.64	120.69		120.76	0.000820	2.08	224.87	167.31	0.50
RioLogulentu	12715.17	tr 500	280.60	118.64	120.79		120.87	0.000941	2.31	241.55	169.97	0.54
RioLogulentu	12567.43	tr 50	167.23	116.87	120.47	118.93	120.50	0.000063	1.66	384.47	180.23	0.30
RioLogulentu	12567.43	tr 100	200.87	116.87	120.57	119.04	120.61	0.000079	1.90	402.81	183.93	0.34
RioLogulentu	12567.43	tr 200	234.99	116.87	120.67	119.14	120.72	0.000097	2.15	421.03	188.40	0.38
RioLogulentu	12567.43	tr 500	280.60	116.87	120.76	119.27	120.83	0.000123	2.47	437.99	190.96	0.43
RioLogulentu	12414.14	tr 50	167.23	115.13	120.48	116.95	120.49	0.000010	0.77	723.47	211.57	0.12
RioLogulentu	12414.14	tr 100	200.87	115.13	120.59	117.05	120.60	0.000013	0.90	746.01	213.14	0.13
RioLogulentu	12414.14	tr 200	234.99	115.13	120.69	117.14	120.70	0.000016	1.02	768.10	214.52	0.15
RioLogulentu	12414.14	tr 500	280.60	115.13	120.79	117.27	120.81	0.000022	1.19	789.16	215.82	0.17

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)	
RioLogulentu	12219.20	tr 50	167.23	114.76	120.49	116.36	120.49	0.000007	0.40	924.24	246.06	0.06
RioLogulentu	12219.20	tr 100	200.87	114.76	120.59	116.47	120.59	0.000009	0.47	950.50	246.57	0.06
RioLogulentu	12219.20	tr 200	234.99	114.76	120.70	116.53	120.70	0.000011	0.53	976.14	247.07	0.07
RioLogulentu	12219.20	tr 500	280.60	114.76	120.79	116.72	120.80	0.000015	0.62	1000.55	247.55	0.08
RioLogulentu	12200		Culvert									
RioLogulentu	12190.17	tr 50	167.23	114.15	116.80	116.80	117.21	0.002732	4.20	89.35	98.61	0.93
RioLogulentu	12190.17	tr 100	200.87	114.15	116.95	116.95	117.38	0.002720	4.39	105.28	108.10	0.94
RioLogulentu	12190.17	tr 200	234.99	114.15	117.07	117.07	117.51	0.002742	4.57	118.49	111.81	0.95
RioLogulentu	12190.17	tr 500	280.60	114.15	117.20	117.20	117.68	0.002882	4.85	132.81	117.25	0.98
RioLogulentu	11962.44	tr 50	167.23	111.09	112.37	113.01	115.68	0.015413	11.81	45.08	99.76	3.96
RioLogulentu	11962.44	tr 100	200.87	111.09	112.47	113.14	115.87	0.014568	12.23	55.19	112.55	3.90
RioLogulentu	11962.44	tr 200	234.99	111.09	112.55	113.24	116.00	0.014165	12.63	63.75	114.13	3.88
RioLogulentu	11962.44	tr 500	280.60	111.09	112.64	113.36	116.14	0.013550	13.05	74.80	116.20	3.84
RioLogulentu	11800.95	tr 50	167.23	110.11	111.26	111.02	111.53	0.001999	4.52	112.12	111.75	1.43
RioLogulentu	11800.95	tr 100	200.87	110.11	110.73	111.16	112.10	0.027616	10.26	54.96	101.04	4.70
RioLogulentu	11800.95	tr 200	234.99	110.11	110.79	111.26	112.36	0.026992	10.96	61.05	102.49	4.74
RioLogulentu	11800.95	tr 500	280.60	110.11	110.87	111.40	112.68	0.026045	11.76	69.06	104.63	4.76
RioLogulentu	11607.50	tr 50	167.23	106.00	109.99	109.99	110.84	0.006384	4.62	46.81	28.82	0.88
RioLogulentu	11607.50	tr 100	200.87	106.00	110.84	110.24	110.97	0.000989	2.17	148.53	72.41	0.36
RioLogulentu	11607.50	tr 200	234.99	106.00	111.01	110.45	111.15	0.001066	2.32	161.30	77.05	0.38
RioLogulentu	11607.50	tr 500	280.60	106.00	111.23	110.70	111.39	0.001144	2.49	178.71	81.45	0.39
RioLogulentu	11595		Culvert									
RioLogulentu	11589.69	tr 50	167.23	105.50	108.70	108.70	109.14	0.005049	4.13	75.31	69.28	0.80
RioLogulentu	11589.69	tr 100	200.87	105.50	108.82	108.82	109.31	0.005381	4.40	84.11	70.59	0.83
RioLogulentu	11589.69	tr 200	234.99	105.50	108.94	108.94	109.46	0.005710	4.65	92.17	71.77	0.86
RioLogulentu	11589.69	tr 500	280.60	105.50	109.07	109.07	109.66	0.006143	4.97	102.04	73.46	0.90
RioLogulentu	11509.73	tr 50	167.23	105.96	107.60	107.96	108.77	0.002818	7.06	85.04	107.66	1.81
RioLogulentu	11509.73	tr 100	200.87	105.96	107.71	108.09	108.93	0.002804	7.40	97.77	109.44	1.83
RioLogulentu	11509.73	tr 200	234.99	105.96	107.82	108.21	109.08	0.002787	7.70	109.89	110.81	1.85
RioLogulentu	11509.73	tr 500	280.60	105.96	107.96	108.37	109.27	0.002762	8.05	125.23	112.39	1.86
RioLogulentu	11448.17	tr 50	167.23	105.01	106.42	106.88	108.26	0.040881	9.32	35.82	64.85	3.14
RioLogulentu	11448.17	tr 100	200.87	105.01	106.50	106.99	108.43	0.038644	9.62	41.36	65.52	3.10
RioLogulentu	11448.17	tr 200	234.99	105.01	106.58	107.09	108.58	0.036617	9.88	46.75	65.99	3.06
RioLogulentu	11448.17	tr 500	280.60	105.01	106.69	107.22	108.78	0.034269	10.18	53.72	66.58	3.01
RioLogulentu	11435		Bridge									
RioLogulentu	11430.13	tr 50	167.23	104.45	106.88	106.88	107.32	0.003004	4.52	83.23	78.70	0.98
RioLogulentu	11430.13	tr 100	200.87	104.45	107.01	107.01	107.49	0.003180	4.83	93.06	79.63	1.02
RioLogulentu	11430.13	tr 200	234.99	104.45	107.12	107.12	107.65	0.003350	5.12	102.11	80.48	1.06
RioLogulentu	11430.13	tr 500	280.60	104.45	107.27	107.27	107.85	0.003509	5.45	113.74	81.56	1.09
RioLogulentu	11241.61	tr 50	167.23	102.58	104.88	105.47	106.67	0.002505	7.59	72.80	69.80	1.75
RioLogulentu	11241.61	tr 100	200.87	102.58	105.13	105.69	106.88	0.002185	7.68	90.51	75.01	1.67
RioLogulentu	11241.61	tr 200	234.99	102.58	105.35	105.89	107.06	0.001949	7.76	108.12	79.17	1.60
RioLogulentu	11241.61	tr 500	280.60	102.58	105.64	106.09	107.30	0.001715	7.84	131.10	83.37	1.53
RioLogulentu	11111.54	tr 50	167.23	101.67	104.54	103.86	104.67	0.001023	2.42	130.12	91.11	0.50
RioLogulentu	11111.54	tr 100	200.87	101.67	104.66	104.00	104.81	0.001193	2.69	140.49	93.70	0.54
RioLogulentu	11111.54	tr 200	234.99	101.67	104.76	104.08	104.94	0.001332	2.93	150.64	95.02	0.58
RioLogulentu	11111.54	tr 500	280.60	101.67	103.53	104.28	106.54	0.044379	10.77	48.80	68.71	2.92
RioLogulentu	11100		Bridge									
RioLogulentu	11094.32	tr 50	167.23	101.47	103.10	103.48	104.37	0.019423	7.32	46.73	76.68	2.10
RioLogulentu	11094.32	tr 100	200.87	101.47	103.20	103.60	104.51	0.018838	7.60	54.74	79.86	2.10
RioLogulentu	11094.32	tr 200	234.99	101.47	103.29	103.73	104.65	0.018435	7.87	62.43	83.20	2.10
RioLogulentu	11094.32	tr 500	280.60	101.47	103.34	103.85	105.01	0.022096	8.81	66.60	84.41	2.31
RioLogulentu	10979.78	tr 50	167.23	100.56	102.06	102.54	103.52	0.003785	7.75	66.94	76.72	2.08
RioLogulentu	10979.78	tr 100	200.87	100.56	102.22	102.67	103.71	0.003479	7.99	79.91	82.63	2.03
RioLogulentu	10979.78	tr 200	234.99	100.56	102.37	102.86	103.89	0.003256	8.20	92.51	86.76	1.99
RioLogulentu	10979.78	tr 500	280.60	100.56	102.51	103.06	104.21	0.003387	8.80	104.64	91.32	2.06
RioLogulentu	10858.77	tr 50	167.23	99.24	100.79	101.41	102.94	0.004644	8.79	59.66	75.30	2.32
RioLogulentu	10858.77	tr 100	200.87	99.24	100.92	101.61	103.16	0.004497	9.18	70.15	79.76	2.31
RioLogulentu	10858.77	tr 200	234.99	99.24	101.05	101.75	103.36	0.004382	9.52	80.22	82.88	2.31
RioLogulentu	10858.77	tr 500	280.60	99.24	101.19	101.90	103.66	0.004399	10.05	92.25	87.37	2.35
RioLogulentu	10742.05	tr 50	167.23	98.10	99.18	99.82	101.98	0.015668	11.30	45.20	79.74	3.88
RioLogulentu	10742.05	tr 100	200.87	98.10	99.27	99.96	102.22	0.014958	11.79	52.59	86.46	3.86
RioLogulentu	10742.05	tr 200	234.99	98.10	99.37	100.08	102.45	0.014190	12.22	61.33	97.49	3.81
RioLogulentu	10742.05	tr 500	280.60	98.10	99.46	100.24	102.75	0.014019	12.86	70.62	101.27	3.84
RioLogulentu	10547.88	tr 50	167.23	95.27	96.81	97.45	99.83	0.008064	10.41	60.81	125.76	2.96

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)	
RioLogulentu	10547.88	tr 100	200.87	95.27	98.23	97.54	98.34	0.000202	2.72	294.32	183.49	0.53
RioLogulentu	10547.88	tr 200	234.99	95.27	98.91	97.64	98.97	0.000097	2.20	423.47	198.57	0.38
RioLogulentu	10547.88	tr 500	280.60	95.27	99.80	97.75	99.84	0.000050	1.83	609.43	219.71	0.28
RioLogulentu	10406.43	tr 50	167.23	91.80	94.78	95.86	98.08	0.020608	8.04	20.80	9.19	1.71
RioLogulentu	10406.43	tr 100	200.87	91.80	97.54	96.30	98.21	0.002718	3.64	56.99	40.36	0.62
RioLogulentu	10406.43	tr 200	234.99	91.80	98.63	96.69	98.91	0.001140	2.60	117.73	64.84	0.41
RioLogulentu	10406.43	tr 500	280.60	91.80	99.67	97.17	99.81	0.000475	1.94	191.90	88.44	0.27
RioLogulentu	10390		Culvert									
RioLogulentu	10380.82	tr 50	167.23	91.30	95.28	95.28	95.84	0.002848	3.79	68.86	63.93	0.68
RioLogulentu	10380.82	tr 100	200.87	91.30	94.37	95.45	97.30	0.018624	7.85	28.86	16.34	1.65
RioLogulentu	10380.82	tr 200	234.99	91.30	94.75	95.62	97.36	0.014388	7.54	38.80	40.66	1.48
RioLogulentu	10380.82	tr 500	280.60	91.30	95.24	95.86	96.95	0.008639	6.54	66.33	63.48	1.18
RioLogulentu	10256.46	tr 50	167.23	91.80	92.87	93.43	94.93	0.020726	10.97	52.10	94.46	4.28
RioLogulentu	10256.46	tr 100	200.87	91.80	93.02	93.51	94.91	0.014875	10.61	66.62	102.58	3.75
RioLogulentu	10256.46	tr 200	234.99	91.80	93.06	93.68	95.31	0.016586	11.63	71.47	104.38	4.00
RioLogulentu	10256.46	tr 500	280.60	91.80	93.18	93.83	95.50	0.014720	11.94	84.00	108.33	3.85
RioLogulentu	10235.93	tr 50	167.23	91.52	92.18	92.71	94.07	0.108916	12.61	33.28	85.21	8.24
RioLogulentu	10235.93	tr 100	200.87	91.52	92.26	92.85	94.28	0.093981	13.00	40.37	94.48	7.85
RioLogulentu	10235.93	tr 200	234.99	91.52	92.32	92.98	94.66	0.084723	14.03	46.03	97.19	7.70
RioLogulentu	10235.93	tr 500	280.60	91.52	92.43	93.15	94.94	0.061980	14.46	56.93	102.19	6.90
RioLogulentu	10092.36	tr 50	167.23	90.46	91.88	91.88	92.34	0.004147	5.83	96.36	113.15	1.98
RioLogulentu	10092.36	tr 100	200.87	90.46	92.01	92.01	92.51	0.003892	6.16	110.45	114.93	1.96
RioLogulentu	10092.36	tr 200	234.99	90.46	92.12	92.12	92.68	0.003713	6.47	123.89	116.61	1.95
RioLogulentu	10092.36	tr 500	280.60	90.46	92.20	92.26	92.89	0.004195	7.21	133.45	117.79	2.09
RioLogulentu	9953.012	tr 50	167.23	90.07	91.19	91.24	91.79	0.003447	6.14	89.70	89.32	1.90
RioLogulentu	9953.012	tr 100	200.87	90.07	91.33	91.40	92.00	0.003210	6.46	103.03	91.16	1.87
RioLogulentu	9953.012	tr 200	234.99	90.07	91.48	91.52	92.20	0.002989	6.72	116.34	92.67	1.84
RioLogulentu	9953.012	tr 500	280.60	90.07	91.69	91.70	92.44	0.002604	6.90	136.05	94.85	1.76
RioLogulentu	9761.774	tr 50	167.23	87.87	89.14	89.67	90.86	0.005513	8.57	63.09	71.87	2.46
RioLogulentu	9761.774	tr 100	200.87	87.87	89.28	89.84	91.12	0.005210	8.96	73.60	74.82	2.43
RioLogulentu	9761.774	tr 200	234.99	87.87	89.42	90.02	91.35	0.004961	9.31	83.97	77.43	2.41
RioLogulentu	9761.774	tr 500	280.60	87.87	89.58	90.18	91.65	0.004753	9.75	96.84	79.78	2.40
RioLogulentu	9533.271	tr 50	167.23	86.05	87.21	87.84	89.26	0.008686	9.59	55.72	70.01	3.00
RioLogulentu	9533.271	tr 100	200.87	86.05	87.33	88.00	89.58	0.008406	10.14	64.24	73.02	3.00
RioLogulentu	9533.271	tr 200	234.99	86.05	87.44	88.15	89.87	0.008129	10.61	72.75	76.03	3.00
RioLogulentu	9533.271	tr 500	280.60	86.05	87.58	88.35	90.22	0.007797	11.16	83.97	79.87	2.99
RioLogulentu	9330.265	tr 50	167.23	84.99	85.94	86.31	87.20	0.009437	8.69	74.45	125.49	3.02
RioLogulentu	9330.265	tr 100	200.87	84.99	85.99	86.42	87.47	0.010342	9.51	81.74	127.03	3.19
RioLogulentu	9330.265	tr 200	234.99	84.99	86.05	86.53	87.73	0.011190	10.27	88.49	128.35	3.35
RioLogulentu	9330.265	tr 500	280.60	84.99	86.11	86.65	88.07	0.012153	11.19	96.99	129.99	3.53
RioLogulentu	9170.173	tr 50	167.23	84.48	85.02	84.73	85.15	0.001138	1.75	111.42	149.26	0.91
RioLogulentu	9170.173	tr 100	200.87	84.48	85.17	84.81	85.30	0.001005	2.05	134.57	158.73	0.90
RioLogulentu	9170.173	tr 200	234.99	84.48	85.30	84.89	85.44	0.000912	2.27	156.75	164.95	0.89
RioLogulentu	9170.173	tr 500	280.60	84.48	85.47	84.99	85.62	0.000825	2.52	185.25	172.46	0.88
RioLogulentu	8930.862	tr 50	167.23	80.50	84.76	84.18	84.90	0.000961	2.52	153.66	126.59	0.40
RioLogulentu	8930.862	tr 100	200.87	80.50	84.90	84.24	85.05	0.001070	2.72	171.45	133.76	0.43
RioLogulentu	8930.862	tr 200	234.99	80.50	85.04	84.55	85.20	0.001107	2.83	190.93	137.92	0.44
RioLogulentu	8930.862	tr 500	280.60	80.50	85.21	84.68	85.38	0.001169	2.98	215.34	148.58	0.45
RioLogulentu	8915		Culvert									
RioLogulentu	8901.627	tr 50	167.23	79.50	84.35	83.15	84.42	0.004682	1.82	200.28	100.55	0.28
RioLogulentu	8901.627	tr 100	200.87	79.50	84.63	83.29	84.70	0.004695	1.90	228.69	103.96	0.28
RioLogulentu	8901.627	tr 200	234.99	79.50	84.94	83.40	85.01	0.004342	1.90	261.14	106.24	0.27
RioLogulentu	8901.627	tr 500	280.60	79.50	85.21	83.56	85.28	0.004516	2.01	290.05	108.35	0.28
RioLogulentu	8359	tr 50	167.23	80.78	83.42		83.62	0.004846	1.98	86.33	43.55	0.42
RioLogulentu	8359	tr 100	200.87	80.78	83.67		83.90	0.004838	2.12	97.39	45.07	0.43
RioLogulentu	8359	tr 200	234.99	80.78	84.12		84.33	0.003697	2.07	118.14	47.65	0.39
RioLogulentu	8359	tr 500	280.60	80.78	84.23		84.51	0.004635	2.38	123.33	48.25	0.44
RioOttava	8401.459	tr 50	264.46	78.72	81.16	81.16	82.15	0.007648	6.59	195.01	111.76	1.54
RioOttava	8401.459	tr 100	313.02	78.72	81.42	81.42	82.49	0.006987	6.87	224.39	118.47	1.51
RioOttava	8401.459	tr 200	361.89	78.72	81.42	81.42	82.86	0.009381	7.95	224.04	118.33	1.74
RioOttava	8401.459	tr 500	426.74	78.72	82.05	82.05	83.27	0.005619	7.31	302.93	130.75	1.41
RioOttava	8385		Culvert									
RioOttava	8377.194	tr 50	264.46	77.30	79.00	79.00	79.37	0.006719	4.57	116.21	137.94	1.34
RioOttava	8377.194	tr 100	313.02	77.30	79.09	79.09	79.51	0.006823	4.84	128.62	138.73	1.37
RioOttava	8377.194	tr 200	361.89	77.30	79.17	79.17	79.63	0.006906	5.08	140.40	139.45	1.39
RioOttava	8377.194	tr 500	426.74	77.30	79.48	79.28	79.84	0.004107	4.48	183.49	142.17	1.11

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
RioOttava	8232.974	tr 50	264.46	75.35	77.06	77.45	78.54	0.003784	8.26	85.02	60.34	2.11
RioOttava	8232.974	tr 100	313.02	75.35	77.36	77.68	78.79	0.002912	8.14	103.21	61.01	1.90
RioOttava	8232.974	tr 200	361.89	75.35	77.71	77.89	79.03	0.002161	7.87	124.73	62.13	1.69
RioOttava	8232.974	tr 500	426.74	75.35	78.15	78.15	79.40	0.001609	7.67	153.21	66.28	1.50
RioOttava	8107.862	tr 50	264.46	74.37	75.86	76.43	77.85	0.007130	9.36	78.13	79.25	2.76
RioOttava	8107.862	tr 100	313.02	74.37	75.98	76.62	78.17	0.006883	9.85	88.36	80.85	2.76
RioOttava	8107.862	tr 200	361.89	74.37	76.11	76.82	78.49	0.006647	10.30	98.73	83.28	2.75
RioOttava	8107.862	tr 500	426.74	74.37	76.25	77.07	78.89	0.006588	10.92	110.68	85.38	2.79
RioOttava	7982.531	tr 50	264.46	73.27	74.69	75.34	76.97	0.006564	9.59	79.22	84.70	2.70
RioOttava	7982.531	tr 100	313.02	73.27	74.80	75.52	77.30	0.006575	10.15	88.86	85.69	2.74
RioOttava	7982.531	tr 200	361.89	73.27	74.91	75.69	77.62	0.006613	10.68	97.86	86.48	2.78
RioOttava	7982.531	tr 500	426.74	73.27	75.04	75.90	78.03	0.006666	11.32	109.10	87.45	2.83
RioOttava	7784.881	tr 50	264.46	72.40	73.34	73.84	74.98	0.013165	9.69	88.89	100.27	3.51
RioOttava	7784.881	tr 100	313.02	72.40	73.45	74.03	75.35	0.012692	10.37	99.70	101.96	3.52
RioOttava	7784.881	tr 200	361.89	72.40	73.55	74.24	75.70	0.012261	10.97	110.28	103.60	3.53
RioOttava	7784.881	tr 500	426.74	72.40	73.68	74.42	76.14	0.011785	11.68	123.88	105.67	3.53
RioOttava	7658.614	tr 50	264.46	71.78	73.44	73.48	74.14	0.002243	6.07	125.08	99.45	1.61
RioOttava	7658.614	tr 100	313.02	71.78	73.48	73.63	74.40	0.002840	6.96	129.33	100.25	1.82
RioOttava	7658.614	tr 200	361.89	71.78	73.54	73.79	74.67	0.003367	7.75	134.61	101.25	1.99
RioOttava	7658.614	tr 500	426.74	71.78	73.61	73.86	75.04	0.003973	8.70	142.32	102.82	2.18
RioOttava	7432.144	tr 50	264.46	69.90	71.41	70.85	71.53	0.001046	3.40	255.60	228.73	1.04
RioOttava	7432.144	tr 100	313.02	69.90	71.60	70.94	71.73	0.000858	3.44	300.88	230.06	0.97
RioOttava	7432.144	tr 200	361.89	69.90	71.80	71.05	71.92	0.000730	3.48	345.20	231.36	0.92
RioOttava	7432.144	tr 500	426.74	69.90	72.05	71.12	72.18	0.000608	3.53	403.73	233.07	0.86
RioOttava	7256.378	tr 50	264.46	68.98	70.52	70.52	71.18	0.003242	6.28	128.17	107.93	1.86
RioOttava	7256.378	tr 100	313.02	68.98	70.67	70.67	71.41	0.003054	6.62	145.13	109.13	1.84
RioOttava	7256.378	tr 200	361.89	68.98	70.84	70.84	71.63	0.002821	6.88	162.88	110.24	1.80
RioOttava	7256.378	tr 500	426.74	68.98	71.03	71.03	71.91	0.002653	7.23	184.07	111.50	1.78
RioOttava	7119.309	tr 50	264.46	67.96	69.74	69.90	70.71	0.003170	6.93	113.93	85.30	1.89
RioOttava	7119.309	tr 100	313.02	67.96	69.95	70.10	70.98	0.002805	7.15	131.88	87.28	1.81
RioOttava	7119.309	tr 200	361.89	67.96	70.14	70.28	71.24	0.002564	7.37	148.64	88.40	1.77
RioOttava	7119.309	tr 500	426.74	67.96	70.40	70.50	71.55	0.002261	7.57	171.60	89.75	1.70
RioOttava	6851.495	tr 50	264.46	65.71	67.87	68.45	69.78	0.003047	8.13	89.66	68.13	1.94
RioOttava	6851.495	tr 100	313.02	65.71	68.07	68.69	70.12	0.002894	8.50	103.39	70.05	1.92
RioOttava	6851.495	tr 200	361.89	65.71	68.27	68.92	70.42	0.002737	8.79	117.22	71.83	1.90
RioOttava	6851.495	tr 500	426.74	65.71	68.51	69.19	70.79	0.002566	9.14	135.10	73.94	1.87
RioOttava	6571.494	tr 50	264.46	64.11	68.39	66.21	68.49	0.000077	2.28	401.79	123.46	0.36
RioOttava	6571.494	tr 100	313.02	64.11	68.54	66.40	68.67	0.000095	2.60	419.93	125.14	0.40
RioOttava	6571.494	tr 200	361.89	64.11	68.66	66.58	68.82	0.000116	2.91	435.01	126.63	0.44
RioOttava	6571.494	tr 500	426.74	64.11	68.68	66.79	68.90	0.000158	3.41	437.25	126.83	0.52
RioOttava	6555.767	tr 50	264.46	63.40	68.41	65.86	68.49	0.000053	2.05	467.96	137.41	0.30
RioOttava	6555.767	tr 100	313.02	63.40	68.56	66.07	68.66	0.000065	2.32	488.71	138.74	0.34
RioOttava	6555.767	tr 200	361.89	63.40	68.68	66.25	68.81	0.000079	2.60	506.06	139.92	0.37
RioOttava	6555.767	tr 500	426.74	63.40	68.71	66.47	68.89	0.000108	3.04	509.79	140.17	0.43
RioOttava	6408.969	tr 50	264.46	62.61	68.43		68.47	0.000024	1.55	574.46	123.76	0.21
RioOttava	6408.969	tr 100	313.02	62.61	68.58		68.64	0.000030	1.78	593.75	124.48	0.23
RioOttava	6408.969	tr 200	361.89	62.61	68.71		68.79	0.000037	2.01	609.99	125.05	0.26
RioOttava	6408.969	tr 500	426.74	62.61	68.75		68.85	0.000050	2.35	614.81	125.31	0.30
RioOttava	6234.289	tr 50	264.46	60.47	68.45	62.85	68.46	0.000013	0.49	930.25	181.32	0.06
RioOttava	6234.289	tr 100	313.02	60.47	68.61	62.98	68.62	0.000016	0.56	959.95	182.36	0.07
RioOttava	6234.289	tr 200	361.89	60.47	68.75	63.10	68.76	0.000020	0.63	985.35	183.08	0.07
RioOttava	6234.289	tr 500	426.74	60.47	68.81	63.24	68.82	0.000027	0.73	995.25	183.36	0.09
RioOttava	6210		Culvert									
RioOttava	6167.563	tr 50	264.46	59.59	63.38	62.78	63.52	0.002544	2.22	162.76	117.90	0.58
RioOttava	6167.563	tr 100	313.02	59.59	63.74	62.92	63.86	0.001713	2.11	205.64	120.20	0.49
RioOttava	6167.563	tr 200	361.89	59.59	64.07	63.01	64.19	0.001302	2.05	246.52	122.76	0.44
RioOttava	6167.563	tr 500	426.74	59.59	64.51	63.14	64.59	0.000760	1.77	364.35	171.50	0.35
RioOttava	5932.303	tr 50	264.46	59.00	61.96	61.96	63.06	0.001059	5.99	115.95	57.89	1.20
RioOttava	5932.303	tr 100	313.02	59.00	62.23	62.23	63.44	0.001037	6.34	131.83	60.21	1.21
RioOttava	5932.303	tr 200	361.89	59.00	62.52	62.52	63.81	0.000980	6.58	149.43	62.64	1.19
RioOttava	5932.303	tr 500	426.74	59.00	62.82	62.82	64.25	0.000966	6.96	169.10	64.90	1.21
RioOttava	5727.228	tr 50	264.46	57.53	58.47	59.29	62.13	0.051442	14.55	52.94	95.11	6.46
RioOttava	5727.228	tr 100	313.02	57.53	58.56	59.47	62.53	0.044325	15.05	61.73	97.01	6.16
RioOttava	5727.228	tr 200	361.89	57.53	58.64	59.62	62.91	0.039558	15.54	70.24	99.05	5.95
RioOttava	5727.228	tr 500	426.74	57.53	58.76	59.82	63.35	0.034604	16.07	81.65	102.09	5.70
RioOttava	5443.678	tr 50	264.46	55.34	57.04	57.41	58.39	0.004579	8.02	97.93	79.90	2.28

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)	
RioOttava	5443.678	tr 100	313.02	55.34	57.15	57.60	58.74	0.004846	8.70	106.98	80.50	2.37
RioOttava	5443.678	tr 200	361.89	55.34	57.26	57.79	59.08	0.005089	9.33	115.44	81.05	2.45
RioOttava	5443.678	tr 500	426.74	55.34	57.39	58.02	59.52	0.005349	10.08	126.10	81.74	2.54
RioOttava	5153.800	tr 50	264.46	53.68	54.64	55.07	56.40	0.010932	9.61	74.05	78.34	3.27
RioOttava	5153.800	tr 100	313.02	53.68	54.78	55.61	56.75	0.009951	10.12	85.28	81.60	3.19
RioOttava	5153.800	tr 200	361.89	53.68	54.92	55.76	57.10	0.009242	10.59	96.63	85.64	3.14
RioOttava	5153.800	tr 500	426.74	53.68	55.11	55.95	57.57	0.008379	11.16	113.55	94.40	3.07
RioOttava	4860.213	tr 50	264.46	52.37	54.26	53.13	54.52	0.000872	4.03	185.39	94.26	1.01
RioOttava	4860.213	tr 100	313.02	52.37	54.31	53.26	54.65	0.001130	4.67	189.79	94.46	1.16
RioOttava	4860.213	tr 200	361.89	52.37	54.49	53.45	54.89	0.001137	5.02	206.58	95.20	1.18
RioOttava	4860.213	tr 500	426.74	52.37	54.66	53.71	55.15	0.001223	5.53	223.37	96.58	1.25
RioOttava	4640.692	tr 50	264.46	50.64	54.35	51.64	54.38	0.000179	0.78	362.77	109.57	0.13
RioOttava	4640.692	tr 100	313.02	50.64	54.43	51.77	54.47	0.000232	0.91	371.72	109.91	0.15
RioOttava	4640.692	tr 200	361.89	50.64	54.64	51.88	54.68	0.000256	0.99	394.38	110.77	0.16
RioOttava	4640.692	tr 500	426.74	50.64	54.86	52.02	54.91	0.000294	1.10	418.81	111.68	0.17
RioOttava	4630		Culvert									
RioOttava	4605.528	tr 50	264.46	48.89	51.87	51.37	52.04	0.004997	2.09	199.42	137.07	0.48
RioOttava	4605.528	tr 100	313.02	48.89	52.13	51.37	52.31	0.004227	2.06	237.77	154.25	0.45
RioOttava	4605.528	tr 200	361.89	48.89	52.38	51.45	52.56	0.003713	2.05	276.19	156.76	0.42
RioOttava	4605.528	tr 500	426.74	48.89	52.69	51.59	52.87	0.003114	2.01	325.59	158.43	0.39
RioOttava	4361.569	tr 50	264.46	48.00	50.61	50.61	51.41	0.001298	5.76	148.92	95.68	1.28
RioOttava	4361.569	tr 100	313.02	48.00	50.81	50.81	51.70	0.001300	6.12	167.81	97.54	1.30
RioOttava	4361.569	tr 200	361.89	48.00	51.00	51.00	51.97	0.001292	6.44	186.39	99.38	1.31
RioOttava	4361.569	tr 500	426.74	48.00	51.23	51.23	52.31	0.001281	6.81	210.09	101.66	1.33
RioOttava	4262.120	tr 50	264.46	47.57	49.13	49.71	51.05	0.007124	9.26	84.49	80.78	2.74
RioOttava	4262.120	tr 100	313.02	47.57	49.31	49.91	51.34	0.006266	9.54	98.81	82.21	2.63
RioOttava	4262.120	tr 200	361.89	47.57	49.48	50.14	51.62	0.005638	9.79	112.81	83.59	2.55
RioOttava	4262.120	tr 500	426.74	47.57	49.69	50.38	51.96	0.005016	10.10	130.94	85.16	2.46
RioOttava	4099.741	tr 50	264.46	46.96	48.52	48.52	49.76	0.006998	8.12	86.91	72.06	2.64
RioOttava	4099.741	tr 100	313.02	46.96	48.77	48.91	50.19	0.005687	8.52	104.82	73.24	2.47
RioOttava	4099.741	tr 200	361.89	46.96	48.97	49.21	50.59	0.005109	8.95	119.86	74.22	2.40
RioOttava	4099.741	tr 500	426.74	46.96	49.26	49.56	51.07	0.004294	9.30	141.80	75.66	2.27
RioOttava	3917.168	tr 50	264.46	46.93	47.91	47.44	48.36	0.004280	5.55	118.31	86.48	2.00
RioOttava	3917.168	tr 100	313.02	46.93	48.16	47.52	48.70	0.003502	6.04	140.15	88.07	1.90
RioOttava	3917.168	tr 200	361.89	46.93	48.45	47.60	49.06	0.002688	6.26	166.59	89.57	1.73
RioOttava	3917.168	tr 500	426.74	46.93	48.93	47.73	49.57	0.001772	6.24	210.18	91.94	1.48
RioOttava	3754.104	tr 50	264.46	44.78	46.25	46.15	47.15	0.014118	8.06	111.00	90.77	3.42
RioOttava	3754.104	tr 100	313.02	44.78	46.28	46.15	47.52	0.018100	9.43	113.67	91.52	3.90
RioOttava	3754.104	tr 200	361.89	44.78	46.23	46.15	47.92	0.027838	11.09	109.48	90.34	4.77
RioOttava	3754.104	tr 500	426.74	44.78	46.15	46.15	48.57	0.050036	13.38	102.29	88.27	6.23
RioOttava	3573.121	tr 50	264.46	44.05	46.26	45.54	46.64	0.000738	4.41	255.01	126.60	0.98
RioOttava	3573.121	tr 100	313.02	44.05	46.46	45.74	46.90	0.000769	4.78	280.07	128.19	1.01
RioOttava	3573.121	tr 200	361.89	44.05	46.64	45.93	47.15	0.000793	5.11	304.01	129.60	1.04
RioOttava	3573.121	tr 500	426.74	44.05	46.87	46.17	47.46	0.000825	5.53	333.28	131.13	1.08
RioOttava	3396.640	tr 50	264.46	43.11	45.68	45.68	46.45	0.000927	5.47	213.27	122.86	1.12
RioOttava	3396.640	tr 100	313.02	43.11	45.91	45.91	46.71	0.000889	5.69	241.88	125.80	1.12
RioOttava	3396.640	tr 200	361.89	43.11	46.08	46.08	46.96	0.000911	6.01	263.89	127.58	1.14
RioOttava	3396.640	tr 500	426.74	43.11	46.30	46.30	47.26	0.000933	6.39	291.66	129.27	1.17
RioOttava	3369.776	tr 50	264.46	43.55	43.76	44.34	46.20	0.106966	7.29	42.88	74.21	7.16
RioOttava	3369.776	tr 100	313.02	43.55	43.87	44.36	46.45	0.098417	7.46	51.44	86.71	6.99
RioOttava	3369.776	tr 200	361.89	43.55	43.96	44.56	46.69	0.091327	9.36	59.51	90.03	7.19
RioOttava	3369.776	tr 500	426.74	43.55	44.09	44.92	46.99	0.078097	11.77	71.41	93.99	7.18
RioOttava	3138.892	tr 50	264.46	41.88	44.10	44.04	44.68	0.001224	5.35	189.55	126.43	1.24
RioOttava	3138.892	tr 100	313.02	41.88	44.48	44.21	44.97	0.000841	5.01	238.06	129.89	1.06
RioOttava	3138.892	tr 200	361.89	41.88	44.79	44.34	45.24	0.000678	4.90	279.01	131.85	0.97
RioOttava	3138.892	tr 500	426.74	41.88	45.15	44.56	45.59	0.000563	4.87	327.30	133.53	0.90
RioOttava	2940.767	tr 50	264.46	41.41	43.51	43.51	44.39	0.001395	5.97	149.00	87.57	1.34
RioOttava	2940.767	tr 100	313.02	41.41	43.73	43.73	44.71	0.001360	6.31	168.28	88.52	1.35
RioOttava	2940.767	tr 200	361.89	41.41	43.96	43.96	45.00	0.001284	6.55	188.83	89.51	1.33
RioOttava	2940.767	tr 500	426.74	41.41	44.22	44.22	45.36	0.001237	6.88	212.65	90.65	1.33
RioOttava	2615.426	tr 50	264.46	39.06	41.28	41.97	43.60	0.003048	8.47	113.31	75.54	1.95
RioOttava	2615.426	tr 100	313.02	39.06	41.58	42.32	43.97	0.002615	8.63	135.82	77.32	1.85
RioOttava	2615.426	tr 200	361.89	39.06	41.87	42.59	44.32	0.002291	8.76	158.34	78.81	1.77
RioOttava	2615.426	tr 500	426.74	39.06	42.26	42.92	44.73	0.001912	8.84	190.13	80.87	1.66
RioOttava	2237.737	tr 50	264.46	37.61	38.49	38.78	40.64	0.046287	12.42	55.01	71.34	5.92
RioOttava	2237.737	tr 100	313.02	37.61	38.53	39.41	41.27	0.055328	13.89	57.88	72.49	6.51
RioOttava	2237.737	tr 200	361.89	37.61	38.61	39.58	41.86	0.054555	14.92	63.53	74.72	6.59

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)	
RioOttava	2237.737	tr 500	426.74	37.61	38.69	39.80	42.53	0.057752	16.01	69.52	82.62	6.86
RioOttava	1697.963	tr 50	264.46	33.45	35.67	36.12	37.22	0.002237	7.36	105.80	76.49	1.68
RioOttava	1697.963	tr 100	313.02	33.45	35.83	36.32	37.55	0.002294	7.85	118.06	77.88	1.73
RioOttava	1697.963	tr 200	361.89	33.45	35.95	36.52	37.88	0.002431	8.40	127.82	78.66	1.79
RioOttava	1697.963	tr 500	426.74	33.45	36.95	36.76	37.90	0.000801	6.16	209.10	84.50	1.09
RioOttava	1346.505	tr 50	264.46	31.08	33.87	34.62	36.40	0.001889	8.03	134.83	66.50	1.61
RioOttava	1346.505	tr 100	313.02	31.08	34.27	34.96	36.80	0.001580	8.10	161.92	69.73	1.51
RioOttava	1346.505	tr 200	361.89	31.08	34.64	35.29	37.19	0.001371	8.18	188.59	71.79	1.44
RioOttava	1346.505	tr 500	426.74	31.08	35.70	35.70	37.54	0.000706	7.06	267.17	76.77	1.08
RioOttava	963.0016	tr 50	264.46	29.22	30.38	31.42	34.27	0.044812	14.20	44.82	56.73	6.10
RioOttava	963.0016	tr 100	313.02	29.22	30.52	31.68	34.95	0.036793	14.86	52.46	57.61	5.73
RioOttava	963.0016	tr 200	361.89	29.22	30.65	31.92	35.53	0.031132	15.35	60.02	58.46	5.42
RioOttava	963.0016	tr 500	426.74	29.22	30.79	32.21	36.36	0.028064	16.19	68.28	59.39	5.29
RioOttava	615.4363	tr 50	264.46	26.53	28.92	29.50	30.93	0.003225	8.27	85.95	59.13	1.98
RioOttava	615.4363	tr 100	313.02	26.53	29.04	29.76	31.47	0.003582	9.11	93.21	60.00	2.11
RioOttava	615.4363	tr 200	361.89	26.53	29.16	30.01	31.99	0.003862	9.85	100.49	60.86	2.22
RioOttava	615.4363	tr 500	426.74	26.53	29.31	30.33	32.67	0.004213	10.78	109.40	61.89	2.34
RioOttava	586.8027	tr 50	264.46	26.44	27.46	28.22	30.62	0.021837	12.46	69.36	110.52	4.52
RioOttava	586.8027	tr 100	313.02	26.44	28.56	28.38	29.16	0.001398	5.68	202.72	125.50	1.32
RioOttava	586.8027	tr 200	361.89	26.44	28.84	28.53	29.43	0.001148	5.65	238.33	126.81	1.23
RioOttava	586.8027	tr 500	426.74	26.44	29.22	28.73	29.79	0.000919	5.63	286.04	128.38	1.13
RioOttava	331.0077	tr 50	264.46	25.29	27.05	26.68	28.01	0.006508	7.34	83.06	57.82	2.49
RioOttava	331.0077	tr 100	313.02	25.29	27.14	27.01	28.40	0.007495	8.36	87.92	58.36	2.71
RioOttava	331.0077	tr 200	361.89	25.29	27.41	27.41	28.79	0.005692	8.58	103.77	60.07	2.46
RioOttava	331.0077	tr 500	426.74	25.29	27.77	27.77	29.27	0.004133	8.69	126.23	62.75	2.19
RioOttava	5.044295	tr 50	264.46	23.32	24.21	24.21	24.80	0.015829	6.60	90.51	122.40	3.41
RioOttava	5.044295	tr 100	313.02	23.32	24.32	24.32	25.01	0.014011	7.37	104.23	124.15	3.35
RioOttava	5.044295	tr 200	361.89	23.32	24.24	24.47	25.29	0.026301	8.92	93.90	122.84	4.45
RioOttava	5.044295	tr 500	426.74	23.32	24.12	24.66	25.93	0.061755	10.97	79.86	121.11	6.45