

COMUNE DI VALLEFOGLIA
PROVINCIA DI PESARO E URBINO



IL RESPONSABILE
SETTORE TECNICO
Dr. Gabriele Giorgi



**VARIANTE GENERALE AL PIANO REGOLATORE
GENERALE DELLA CITTA' DI VALLEFOGLIA**

Relazione idrologico idraulica

ai sensi dell'art. 10 della L.R. 22/11 e della D.G.R. n. 53 del 27/01/2014,
Titoli II e III

- Verifica di compatibilità idraulica degli strumenti di pianificazione del territorio

Relativamente alle seguenti aree oggetto di variante:

SCHEDE:
n. 13 (Comparto MR16 Loc. Montecchio)
n. 14 (Comparto MP8 loc. Montecchio)
n. 15 (Comparto MR4 loc. Montecchio).

OUTPUT HEC-RAS

COMUNE DI VALLEFOGLIA
ADOTTATO CON DELIBERA DI
CONSIGLIO/GIUNTA COMUNALE

N° 7

IL SEGRETARIO COMUNALE
Dott. Romano Bartalucci



DATA:
Agosto 2018

Dott. Geol. Roberto Romagna

Dott. Ing. Cristian Vescovi

COLLABORATORI:
Dott. Geol. J. Tirincanti
Geom. P. Pratelli

Geom. Gabriele Marzi

IL SEGRETARIO COMUNALE
Dott. Romano Bartalucci



Dott. Ing. Cristian Vescovi

Geom. Gabriele Marzi

Dott. Geol. Roberto Romagna

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1 PLAN 01 BASSA OFFICIOSITÀ / STATO ATTUALE

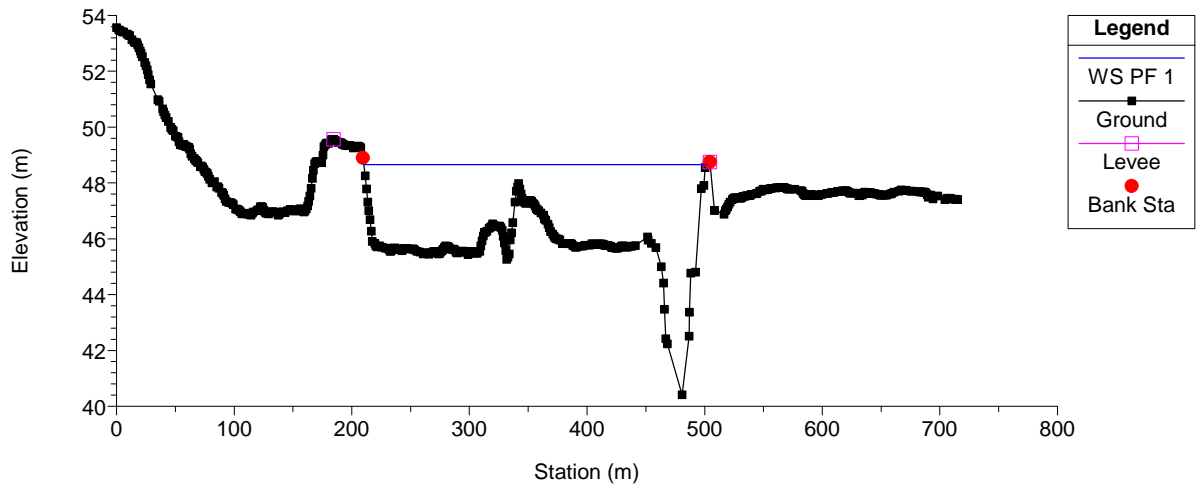
HEC-RAS Plan: PLAN_01 River: Foglia Reach: Foglia Profile: PF 1

Reach	River Sta	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
Foglia	2885.37	987.09	40.41	48.65	46.61	48.72	0.000695	1.19	875.46	292.23	0.21
Foglia	2589.61	987.09	38.86	46.84	46.84	48.11	0.006983	5.01	197.21	77.21	1.00
Foglia	2350	987.09	40.56	47.01	43.91	47.26	0.000784	2.21	447.25	84.43	0.31
Foglia	2345	Inl Struct									
Foglia	2340	987.09	40.78	46.79	43.85	47.05	0.000858	2.28	433.69	84.02	0.32
Foglia	2330	987.09	40.78	46.78	43.85	47.04	0.000866	2.28	432.32	84.00	0.32
Foglia	2328	Bridge									
Foglia	2326.71	987.09	39.14	46.09	43.31	46.37	0.001367	2.35	420.49	81.38	0.33
Foglia	2282.9	987.09	39.23	45.34	44.62	46.22	0.003803	4.16	237.38	77.97	0.76
Foglia	2120.29	987.09	37.20	44.64	44.20	45.52	0.004868	4.17	237.05	85.80	0.79
Foglia	2067.33	987.09	37.23	45.08	43.94	45.19	0.000969	1.49	661.75	274.74	0.31
Foglia	1858.19	987.09	38.42	44.55	43.63	44.76	0.006513	2.05	483.02	249.20	0.46
Foglia	1743.09	987.09	36.41	43.97	42.66	44.12	0.004710	1.73	571.08	309.82	0.41
Foglia	1587.51	987.09	37.02	43.58	41.49	43.69	0.001701	1.42	695.08	243.36	0.27
Foglia	1415.04	987.09	36.50	43.19	41.86	43.40	0.001508	2.05	481.82	202.55	0.42
Foglia	1242.69	987.09	35.47	42.95	41.67	43.11	0.001696	1.77	558.51	286.34	0.39
Foglia	1000.25	987.09	35.79	42.57	40.79	42.73	0.001440	1.77	556.23	257.96	0.39
Foglia	768.43	987.09	35.70	41.93	41.01	42.13	0.005761	1.99	494.88	240.93	0.44
Foglia	622.27	987.09	35.39	41.50	40.08	41.67	0.001950	1.82	543.31	224.94	0.35
Foglia	459.85	987.09	34.62	41.24	40.04	41.39	0.001412	1.74	566.52	428.85	0.37
Foglia	228.89	987.09	34.13	40.62	39.49	40.95	0.002572	2.52	391.53	148.13	0.50
Foglia	29.76	987.09	33.85	39.95	39.02	40.38	0.003001	2.91	338.69	122.31	0.56

Mod_Vallefoglia_06_08_2018 Plan: 1) PLAN_01 27/08/2018

Geom: 2018_08_06_Bassa_officiosita_Progetto

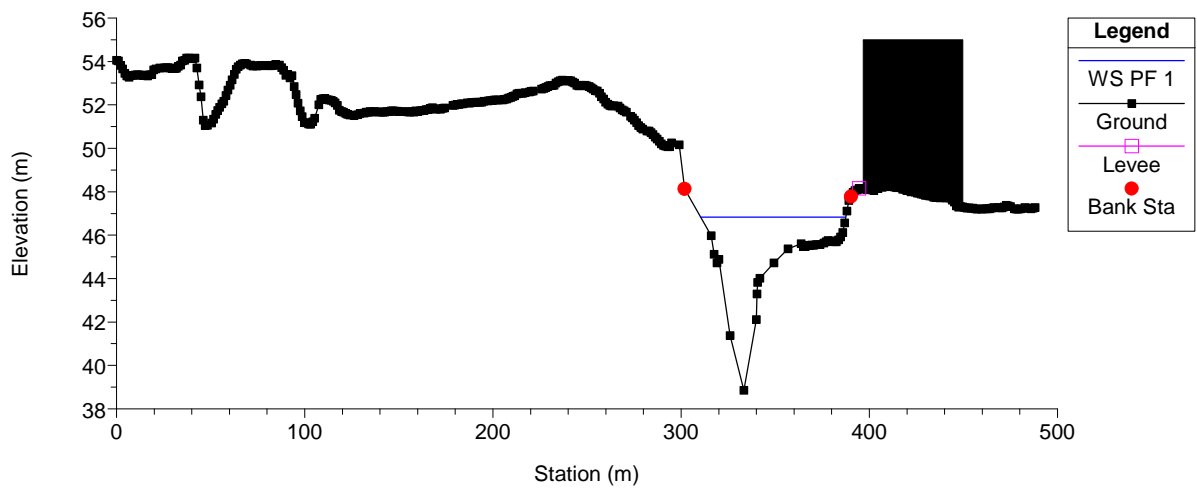
River = Foglia Reach = Foglia RS = 2885.37 Sezione Regione 01086



Mod_Vallefoglia_06_08_2018 Plan: 1) PLAN_01 27/08/2018

Geom: 2018_08_06_Bassa_officiosita_Progetto

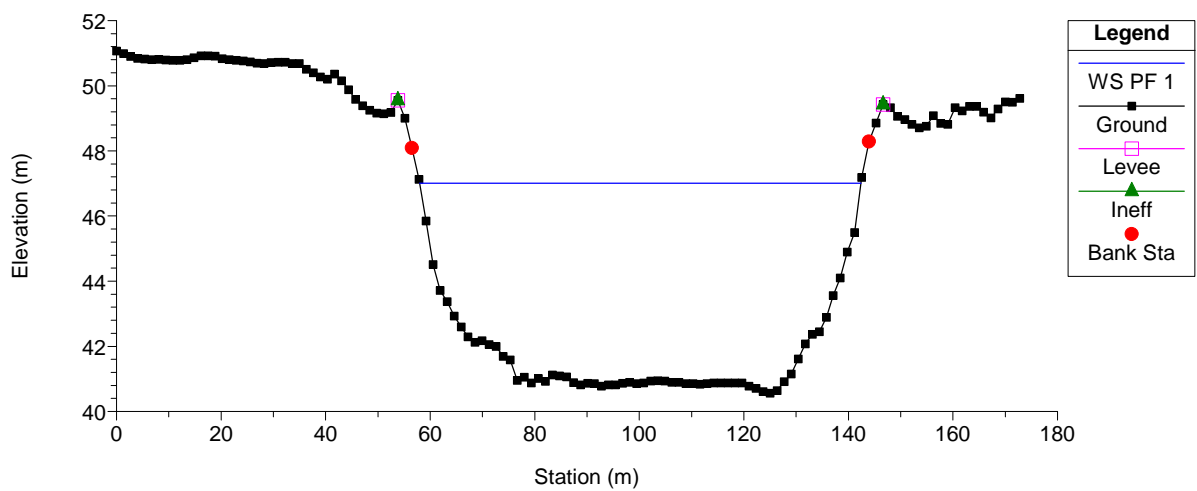
River = Foglia Reach = Foglia RS = 2589.61 Sezione Regione 01085



Mod_Vallefoglia_06_08_2018 Plan: 1) PLAN_01 27/08/2018

Geom: 2018_08_06_Bassa_officiosita_Progetto

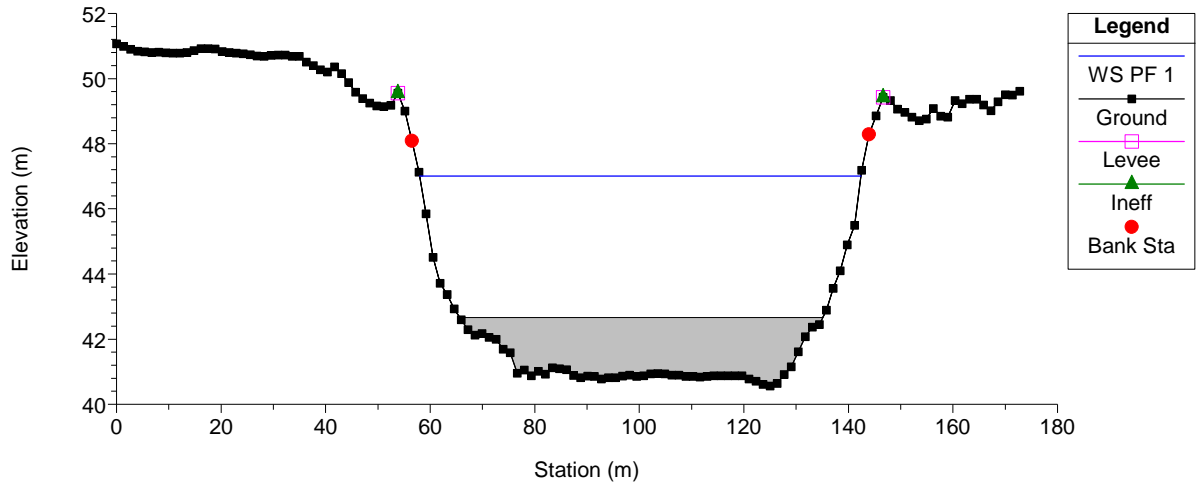
River = Foglia Reach = Foglia RS = 2350 Sezione DTM 01084/1_monteBriglia



Mod_Vallefoglia_06_08_2018 Plan: 1) PLAN_01 27/08/2018

Geom: 2018_08_06_Bassa_officiosita_Progetto

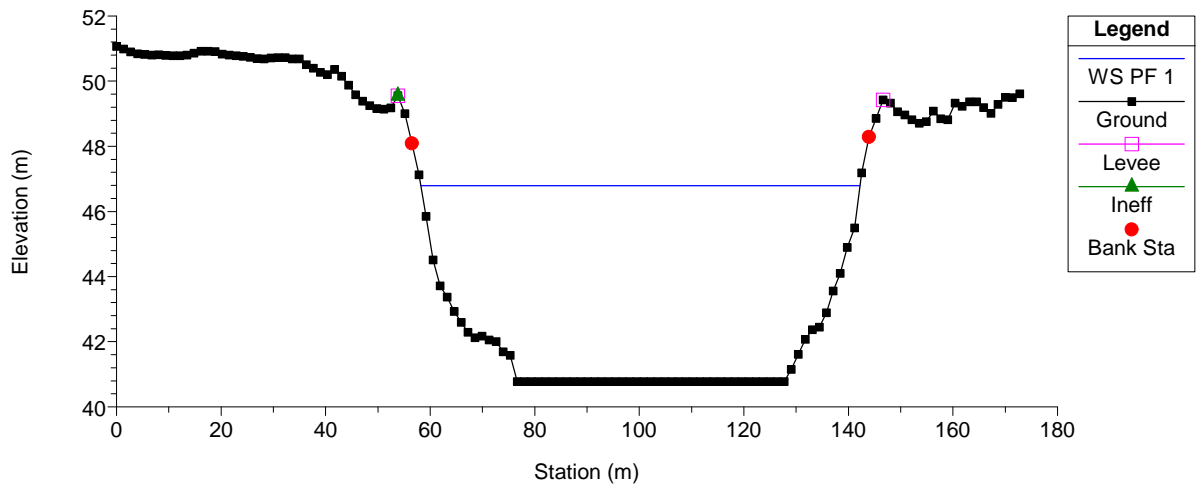
River = Foglia Reach = Foglia RS = 2345 IS Briglia



Mod_Vallefoglia_06_08_2018 Plan: 1) PLAN_01 27/08/2018

Geom: 2018_08_06_Bassa_officiosita_Progetto

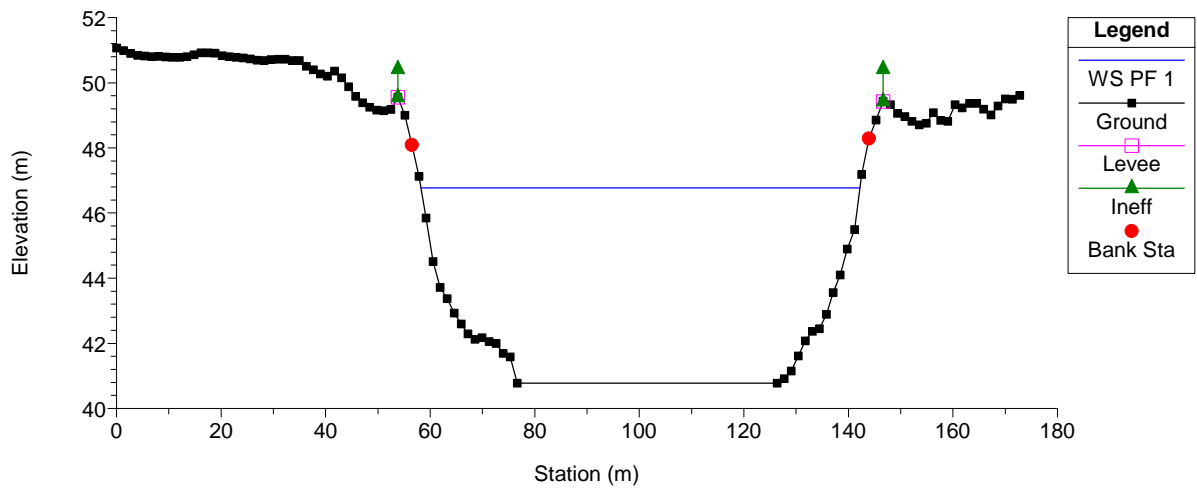
River = Foglia Reach = Foglia RS = 2340 Sezione DTM 01084/1



Mod_Vallefoglia_06_08_2018 Plan: 1) PLAN_01 27/08/2018

Geom: 2018_08_06_Bassa_officiosita_Progetto

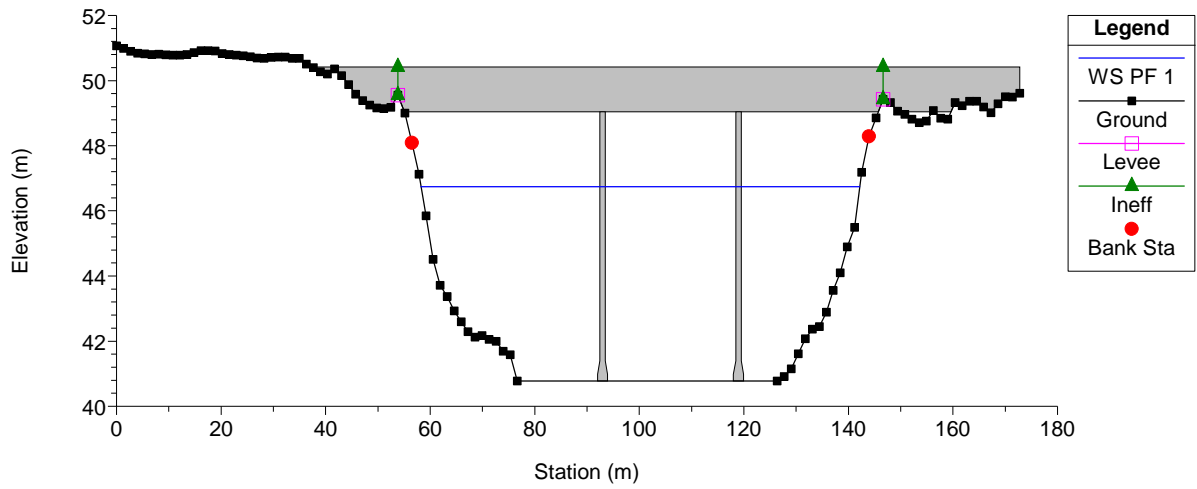
River = Foglia Reach = Foglia RS = 2330 Sezione DTM 01084/1



Mod_Vallefoglia_06_08_2018 Plan: 1) PLAN_01 27/08/2018

Geom: 2018_08_06_Bassa_officiosita_Progetto

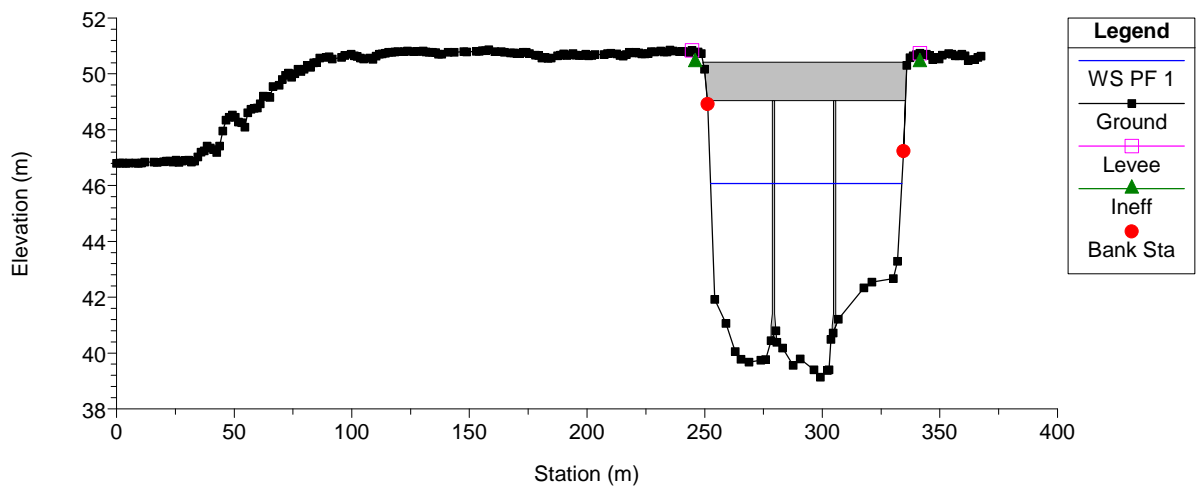
River = Foglia Reach = Foglia RS = 2328 BR Ponte



Mod_Vallefoglia_06_08_2018 Plan: 1) PLAN_01 27/08/2018

Geom: 2018_08_06_Bassa_officiosita_Progetto

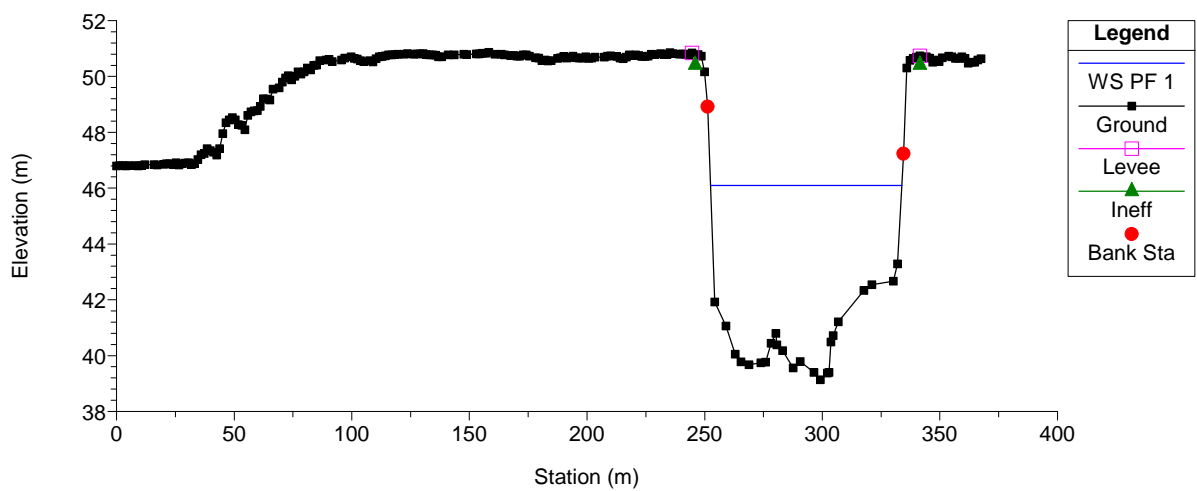
River = Foglia Reach = Foglia RS = 2328 BR Ponte



Mod_Vallefoglia_06_08_2018 Plan: 1) PLAN_01 27/08/2018

Geom: 2018_08_06_Bassa_officiosita_Progetto

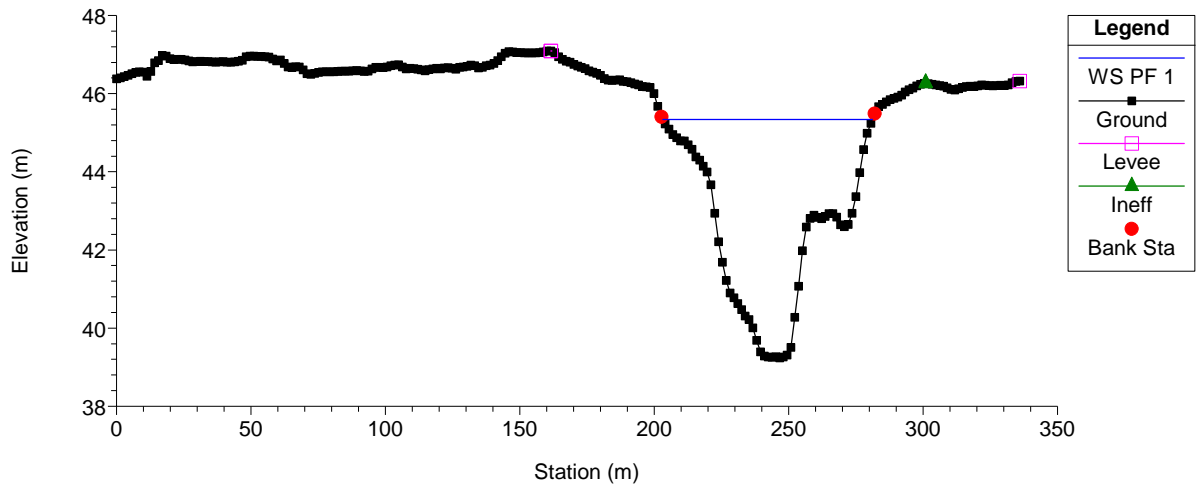
River = Foglia Reach = Foglia RS = 2326.71 Sezione Regione 01084



Mod_Vallefoglia_06_08_2018 Plan: 1) PLAN_01 27/08/2018

Geom: 2018_08_06_Bassa_officiosita_Progetto

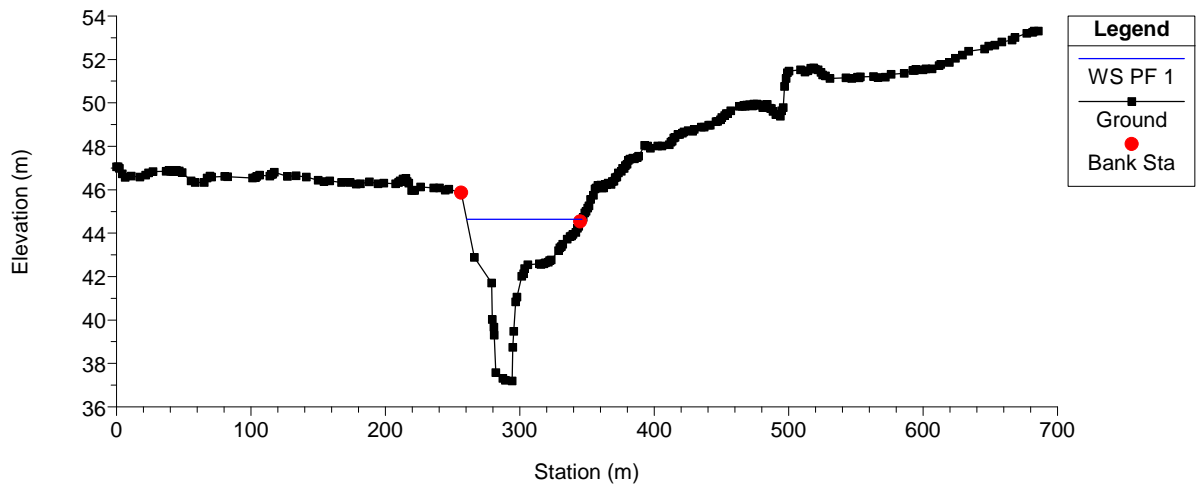
River = Foglia Reach = Foglia RS = 2282.9 Sezione DTM 01083/5



Mod_Vallefoglia_06_08_2018 Plan: 1) PLAN_01 27/08/2018

Geom: 2018_08_06_Bassa_officiosita_Progetto

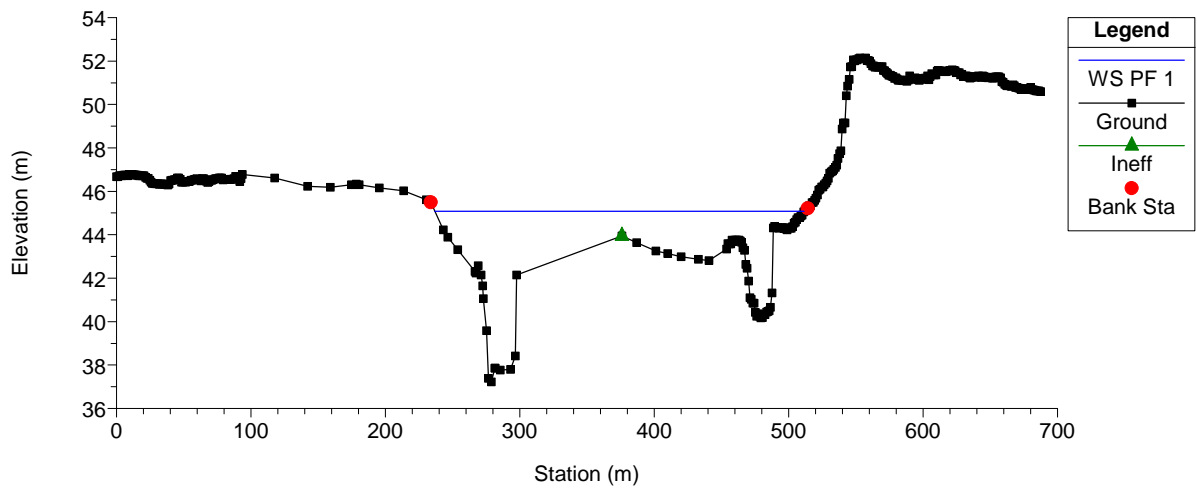
River = Foglia Reach = Foglia RS = 2120.29 Sezione Regione 01083



Mod_Vallefoglia_06_08_2018 Plan: 1) PLAN_01 27/08/2018

Geom: 2018_08_06_Bassa_officiosita_Progetto

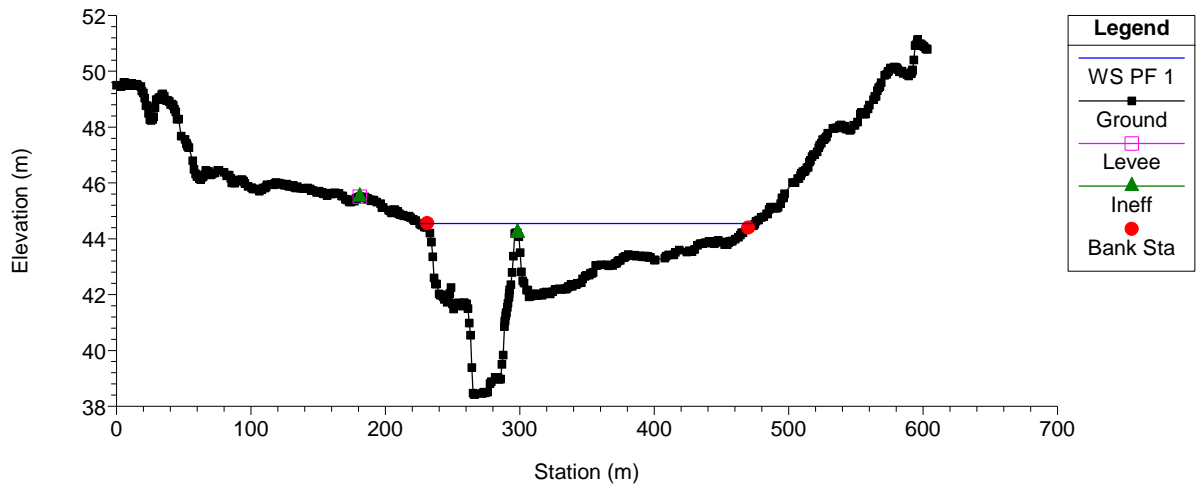
River = Foglia Reach = Foglia RS = 2067.33 Sezione Regione 01082



Mod_Vallefoglia_06_08_2018 Plan: 1) PLAN_01 27/08/2018

Geom: 2018_08_06_Bassa_officiosita_Progetto

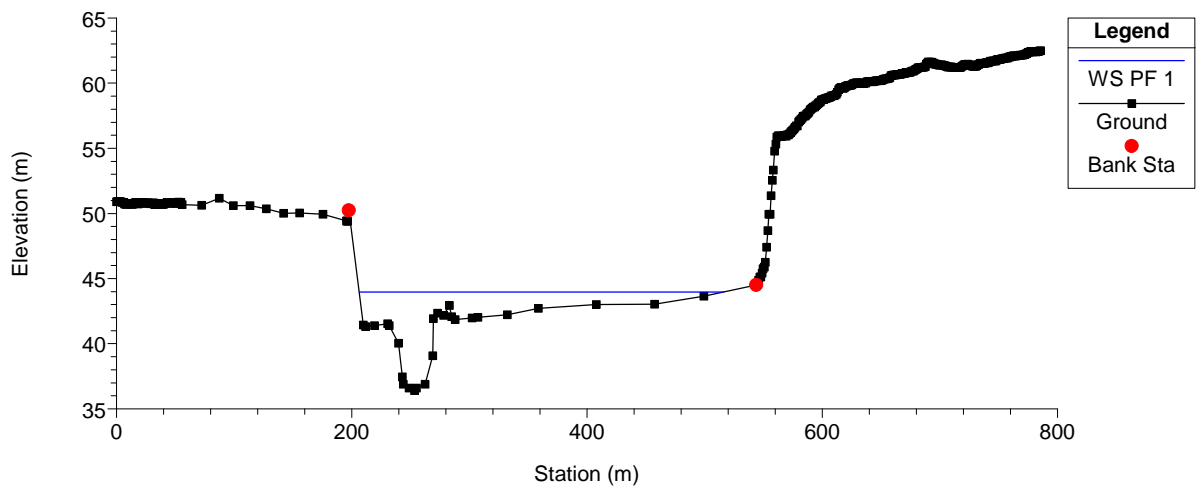
River = Foglia Reach = Foglia RS = 1858.19 Sezione DTM 01081/5



Mod_Vallefoglia_06_08_2018 Plan: 1) PLAN_01 27/08/2018

Geom: 2018_08_06_Bassa_officiosita_Progetto

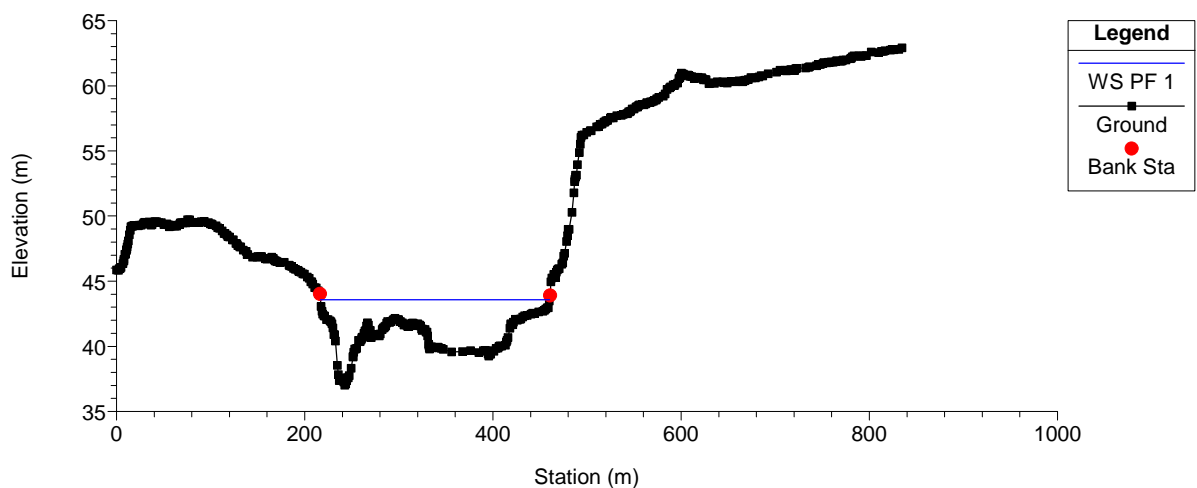
River = Foglia Reach = Foglia RS = 1743.09 Sezione Regione 01081



Mod_Vallefoglia_06_08_2018 Plan: 1) PLAN_01 27/08/2018

Geom: 2018_08_06_Bassa_officiosita_Progetto

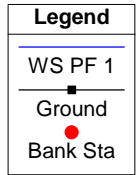
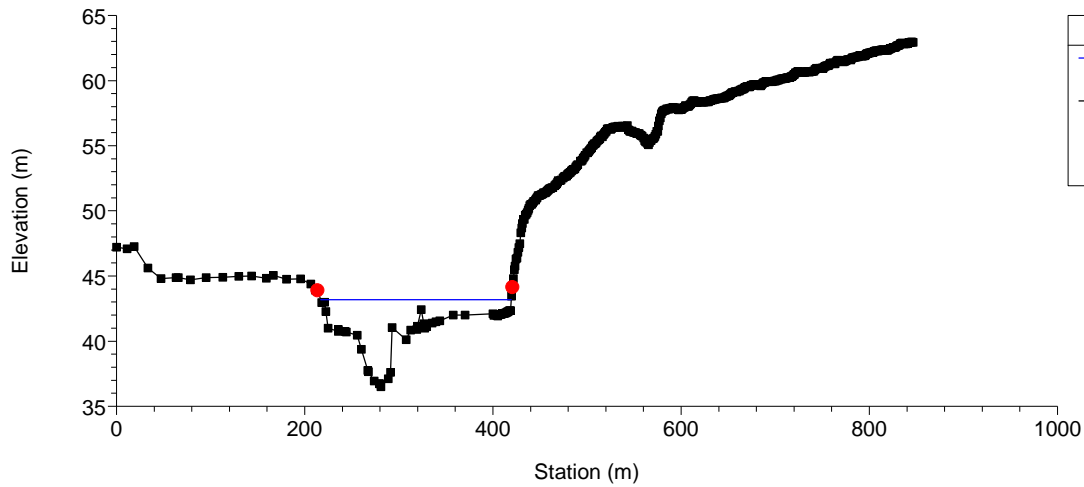
River = Foglia Reach = Foglia RS = 1587.51 Sezione DTM 01080/5



Mod_Vallefoglia_06_08_2018 Plan: 1) PLAN_01 27/08/2018

Geom: 2018_08_06_Bassa_officiosita_Progetto

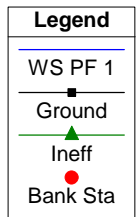
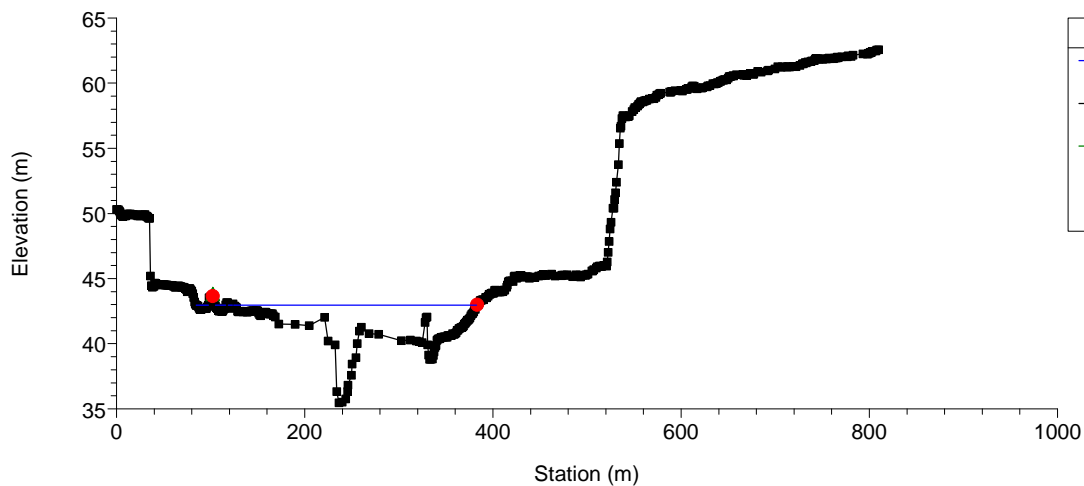
River = Foglia Reach = Foglia RS = 1415.04 Sezione Regione 01080



Mod_Vallefoglia_06_08_2018 Plan: 1) PLAN_01 27/08/2018

Geom: 2018_08_06_Bassa_officiosita_Progetto

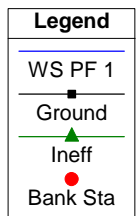
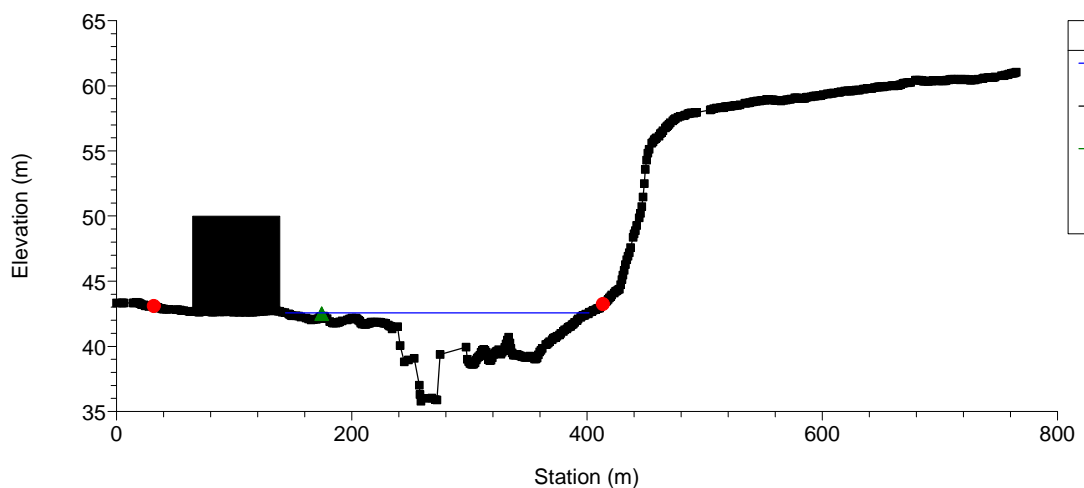
River = Foglia Reach = Foglia RS = 1242.69 Sezione Regione 01079



Mod_Vallefoglia_06_08_2018 Plan: 1) PLAN_01 27/08/2018

Geom: 2018_08_06_Bassa_officiosita_Progetto

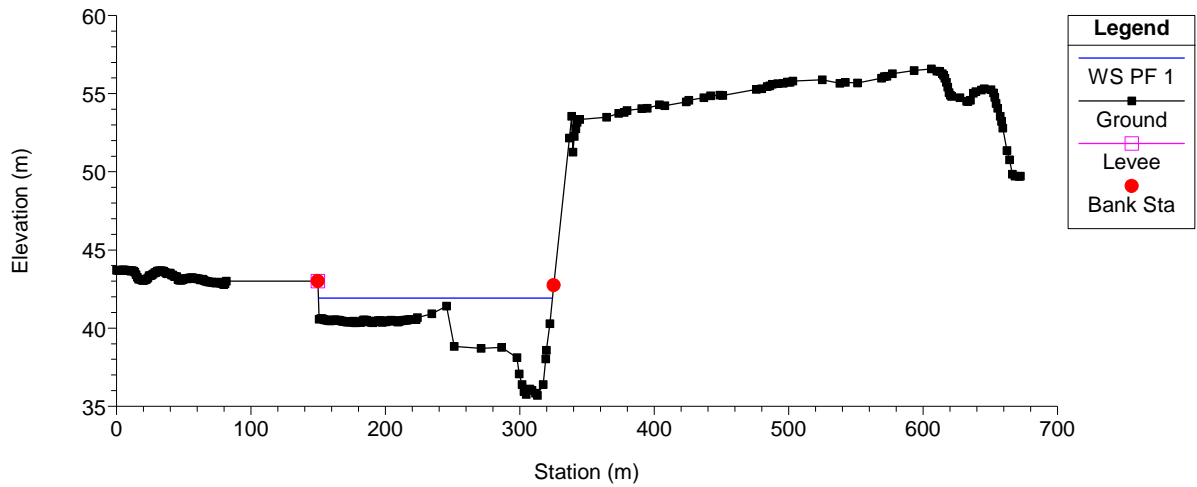
River = Foglia Reach = Foglia RS = 1000.25 Sezione Regione 01078



Mod_Vallefoglia_06_08_2018 Plan: 1) PLAN_01 27/08/2018

Geom: 2018_08_06_Bassa_officiosita_Progetto

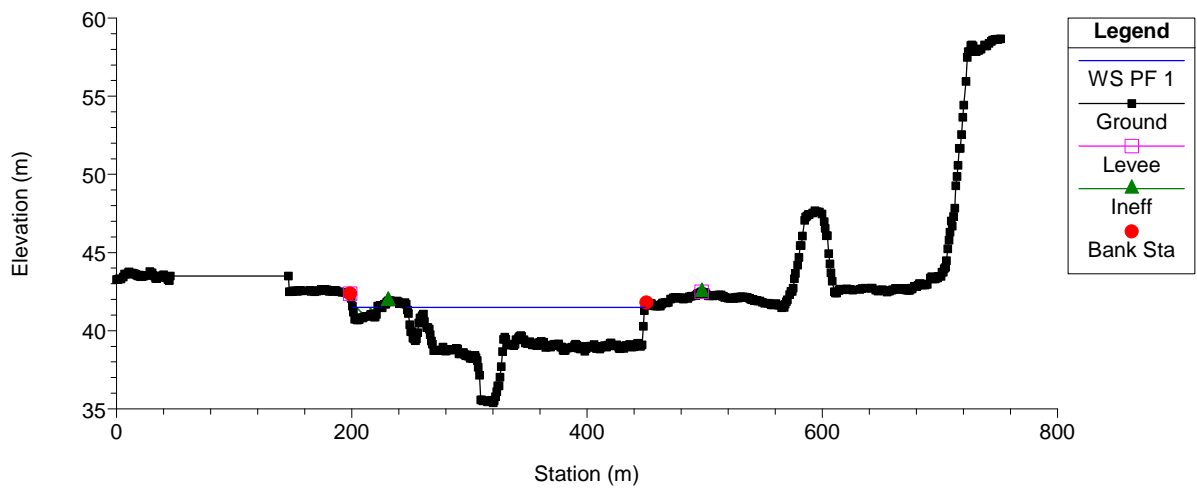
River = Foglia Reach = Foglia RS = 768.43 Sezione Regione 01077



Mod_Vallefoglia_06_08_2018 Plan: 1) PLAN_01 27/08/2018

Geom: 2018_08_06_Bassa_officiosita_Progetto

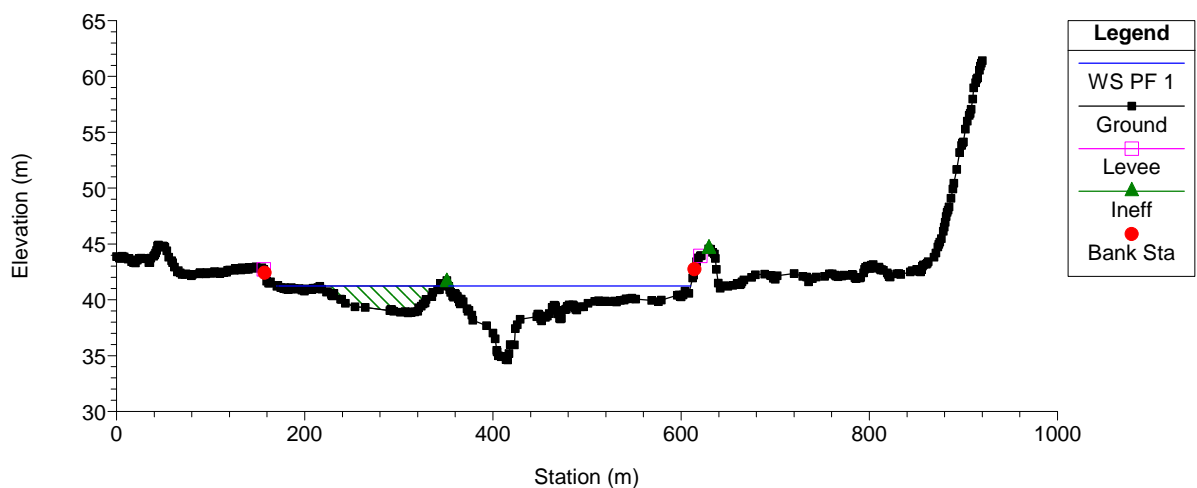
River = Foglia Reach = Foglia RS = 622.27 Sezione DTM 01076/5



Mod_Vallefoglia_06_08_2018 Plan: 1) PLAN_01 27/08/2018

Geom: 2018_08_06_Bassa_officiosita_Progetto

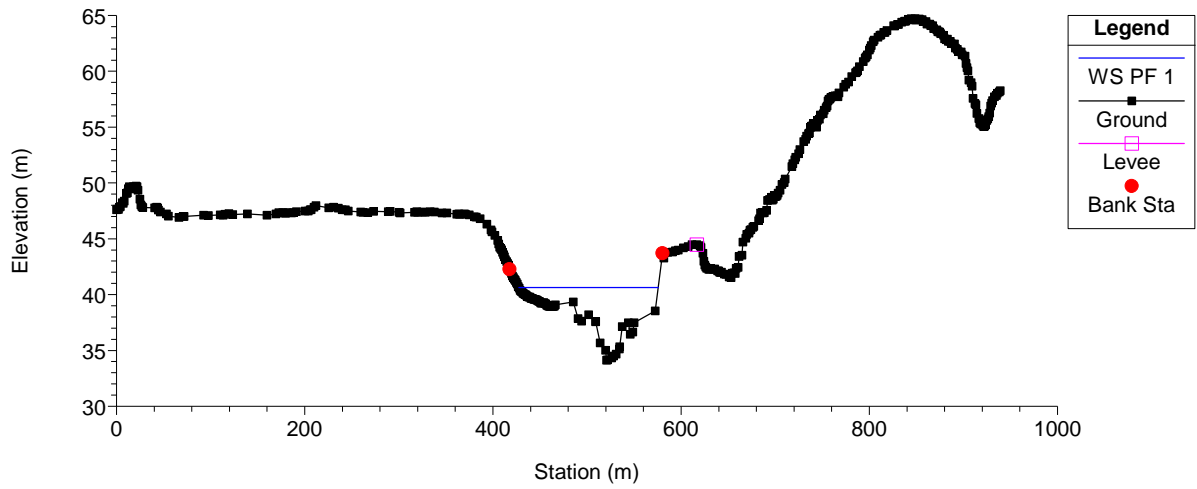
River = Foglia Reach = Foglia RS = 459.85 Sezione Regione 01076



Mod_Vallefoglia_06_08_2018 Plan: 1) PLAN_01 27/08/2018

Geom: 2018_08_06_Bassa_officiosita_Progetto

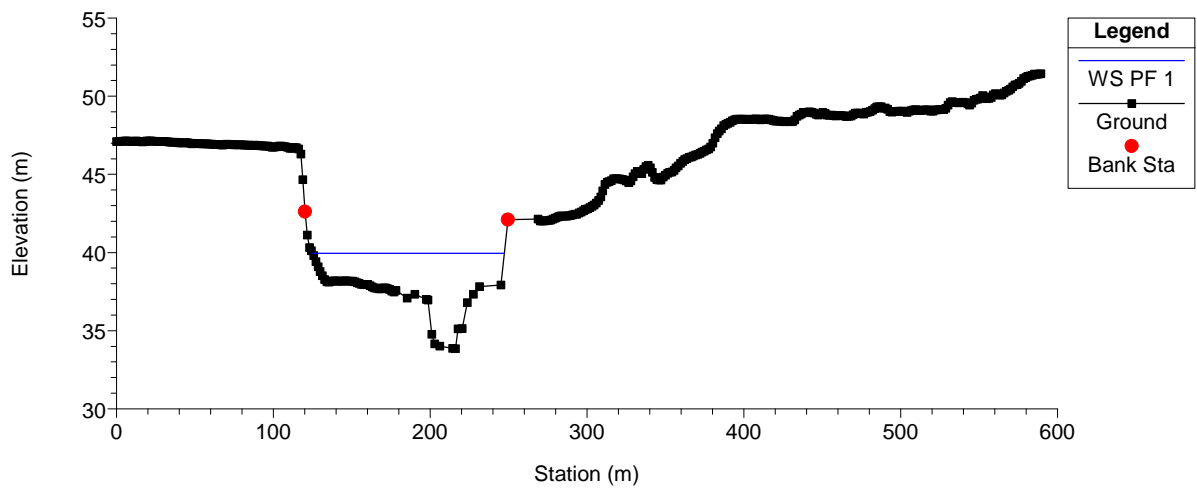
River = Foglia Reach = Foglia RS = 228.89 Sezione Regione 01075



Mod_Vallefoglia_06_08_2018 Plan: 1) PLAN_01 27/08/2018

Geom: 2018_08_06_Bassa_officiosita_Progetto

River = Foglia Reach = Foglia RS = 29.76 Sezione Regione 01074

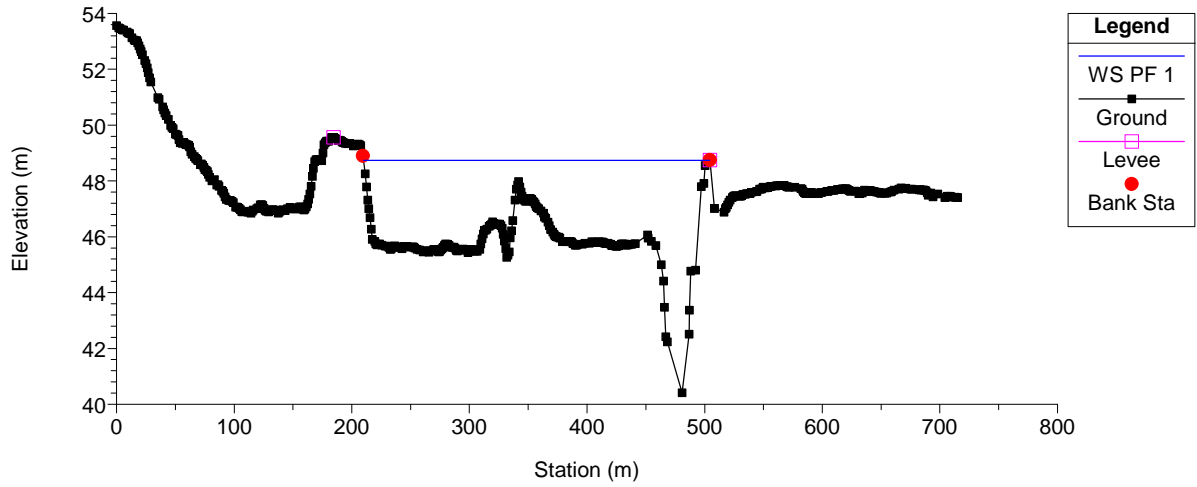


2 PLAN 02 ALTA OFFICIOSITÀ / STATO ATTUALE

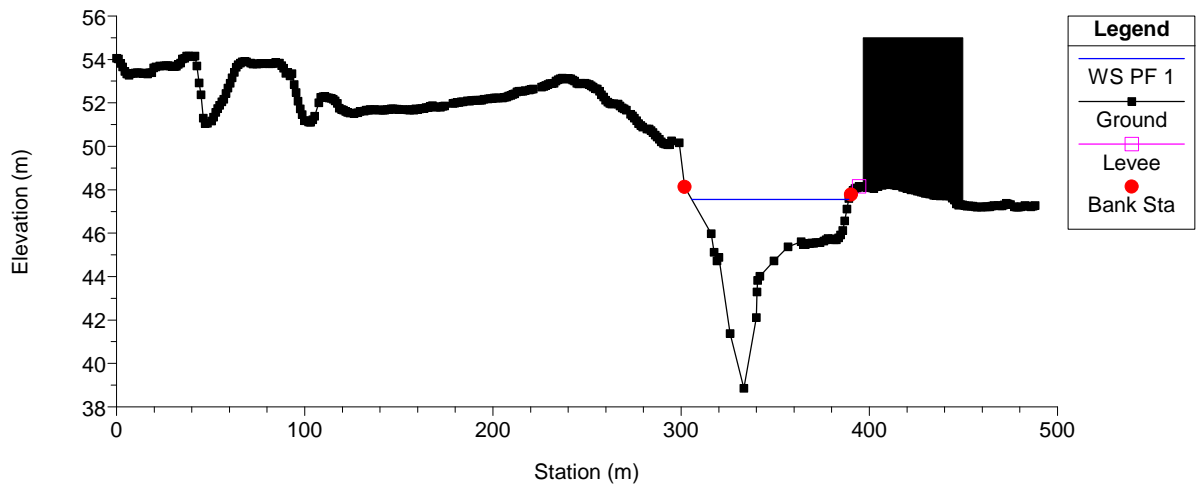
HEC-RAS Plan: PLAN_02 River: Foglia Reach: Foglia Profile: PF 1

Reach	River Sta	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
Foglia	2885.37	987.09	40.41	48.74	46.53	48.80	0.000739	1.10	901.11	294.33	0.20
Foglia	2589.61	987.09	38.86	47.55	46.84	48.32	0.006500	3.87	254.83	83.45	0.71
Foglia	2350	987.09	40.56	47.28	43.91	47.50	0.001301	2.10	470.27	85.03	0.29
Foglia	2345	Inl Struct									
Foglia	2340	987.09	40.78	47.10	43.85	47.34	0.001379	2.14	460.23	84.61	0.29
Foglia	2330	987.09	40.78	47.08	43.85	47.32	0.001397	2.15	458.21	84.57	0.30
Foglia	2328	Bridge									
Foglia	2326.71	987.09	39.14	46.40	43.31	46.65	0.001309	2.21	445.77	81.71	0.30
Foglia	2282.9	987.09	39.23	45.91	44.62	46.52	0.004180	3.47	284.27	89.97	0.62
Foglia	2120.29	987.09	37.20	44.99	44.20	45.69	0.006298	3.69	268.31	89.85	0.67
Foglia	2067.33	987.09	37.23	45.29	43.94	45.39	0.001150	1.37	721.31	279.74	0.27
Foglia	1858.19	987.09	38.42	44.78	43.63	44.95	0.004770	1.83	542.02	262.05	0.39
Foglia	1743.09	987.09	36.41	44.39	42.66	44.49	0.003208	1.40	706.40	331.82	0.31
Foglia	1587.51	987.09	37.02	44.12	41.49	44.19	0.001198	1.20	825.41	246.12	0.21
Foglia	1415.04	987.09	36.50	43.79	41.86	43.93	0.001883	1.63	605.77	206.06	0.30
Foglia	1242.69	987.09	35.47	43.51	41.67	43.61	0.001685	1.38	728.59	305.17	0.27
Foglia	1000.25	987.09	35.79	43.10	40.79	43.20	0.001724	1.40	706.52	310.80	0.29
Foglia	768.43	987.09	35.70	42.59	41.01	42.71	0.002621	1.51	654.99	243.63	0.29
Foglia	622.27	987.09	35.39	42.28	40.08	42.37	0.001966	1.32	760.34	294.06	0.24
Foglia	459.85	987.09	34.62	42.16	40.04	42.20	0.000549	0.82	1199.44	455.13	0.16
Foglia	228.89	987.09	34.13	41.78	39.49	41.93	0.003186	1.74	568.20	157.32	0.29
Foglia	29.76	987.09	33.85	41.10	39.02	41.31	0.003004	2.05	482.34	127.00	0.34

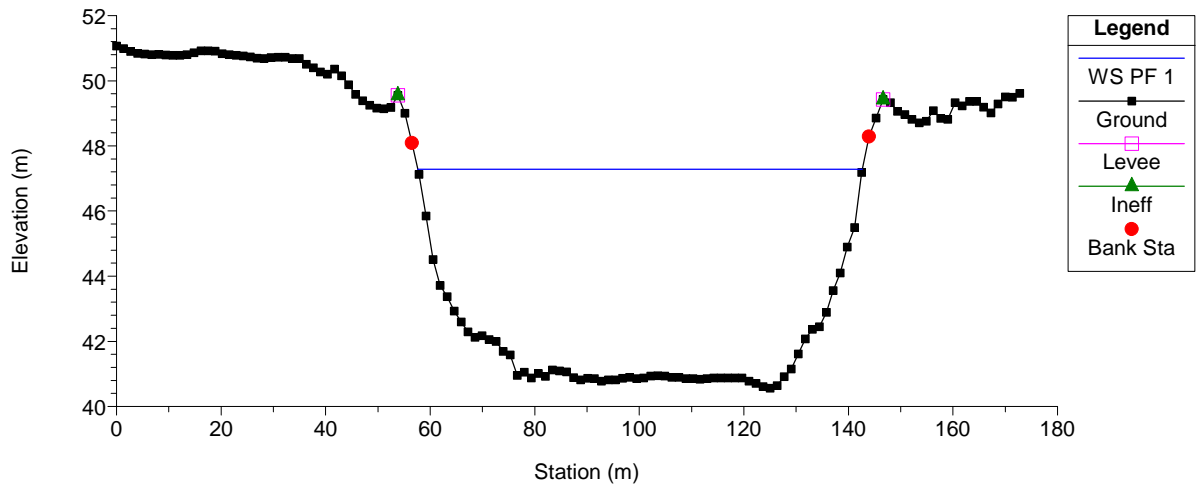
Mod_Vallefoglia_06_08_2018 Plan: 1) PLAN_02 27/08/2018
 Geom: 2018_08_06_Bassa_officiosita_Progetto
 River = Foglia Reach = Foglia RS = 2885.37 Sezione Regione 01086



Mod_Vallefoglia_06_08_2018 Plan: 1) PLAN_02 27/08/2018
 Geom: 2018_08_06_Bassa_officiosita_Progetto
 River = Foglia Reach = Foglia RS = 2589.61 Sezione Regione 01085



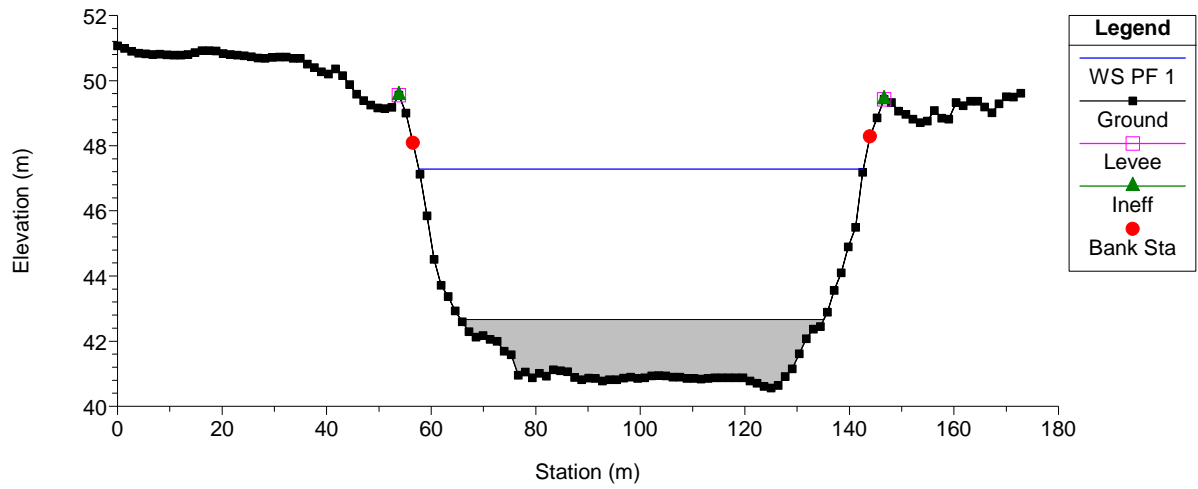
Mod_Vallefoglia_06_08_2018 Plan: 1) PLAN_02 27/08/2018
 Geom: 2018_08_06_Bassa_officiosita_Progetto
 River = Foglia Reach = Foglia RS = 2350 Sezione DTM 01084/1_monteBriglia



Mod_Vallefoglia_06_08_2018 Plan: 1) PLAN_02 27/08/2018

Geom: 2018_08_06_Bassa_officiosita_Progetto

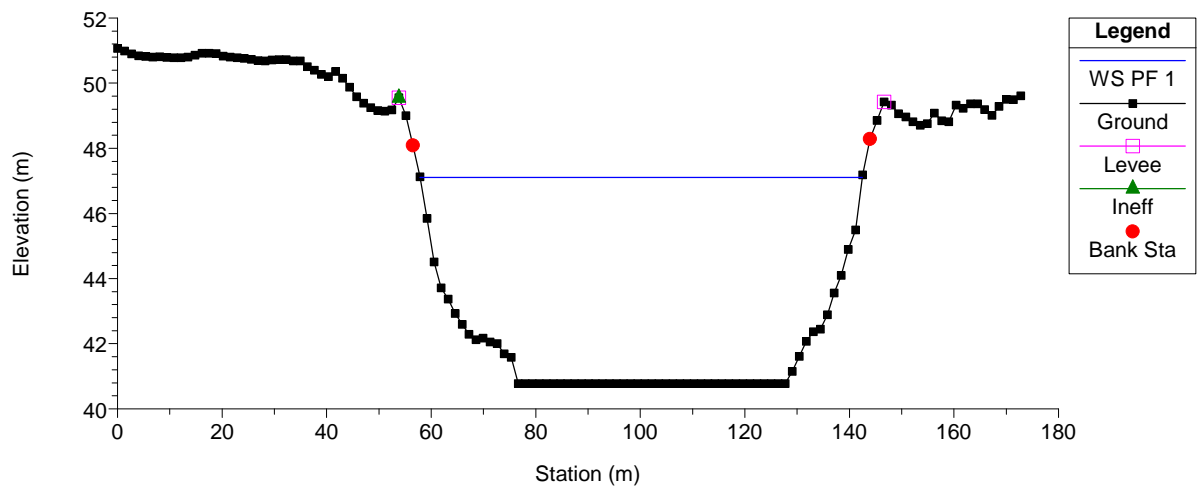
River = Foglia Reach = Foglia RS = 2345 IS Briglia



Mod_Vallefoglia_06_08_2018 Plan: 1) PLAN_02 27/08/2018

Geom: 2018_08_06_Bassa_officiosita_Progetto

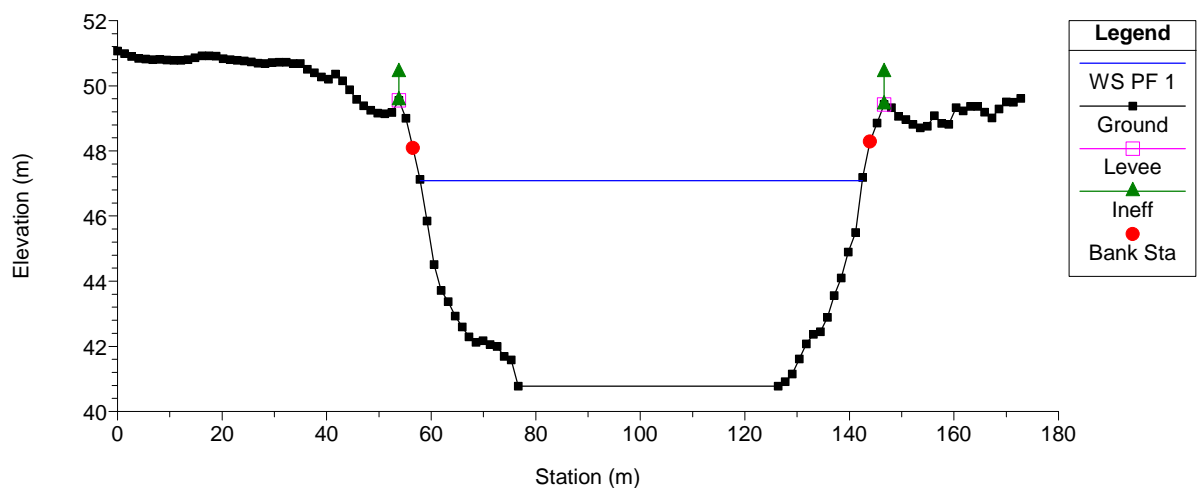
River = Foglia Reach = Foglia RS = 2340 Sezione DTM 01084/1



Mod_Vallefoglia_06_08_2018 Plan: 1) PLAN_02 27/08/2018

Geom: 2018_08_06_Bassa_officiosita_Progetto

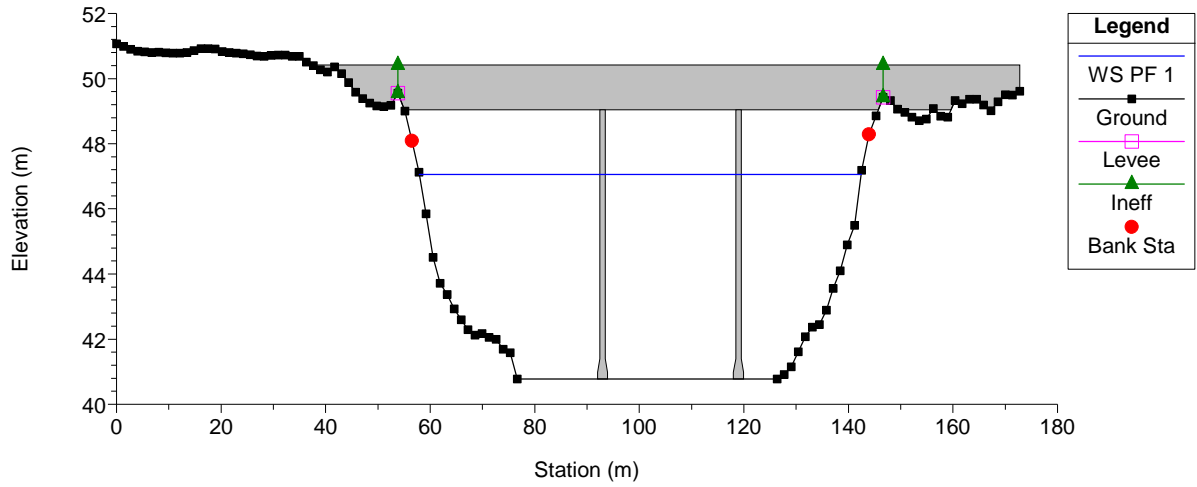
River = Foglia Reach = Foglia RS = 2330 Sezione DTM 01084/1



Mod_Vallefoglia_06_08_2018 Plan: 1) PLAN_02 27/08/2018

Geom: 2018_08_06_Bassa_officiosita_Progetto

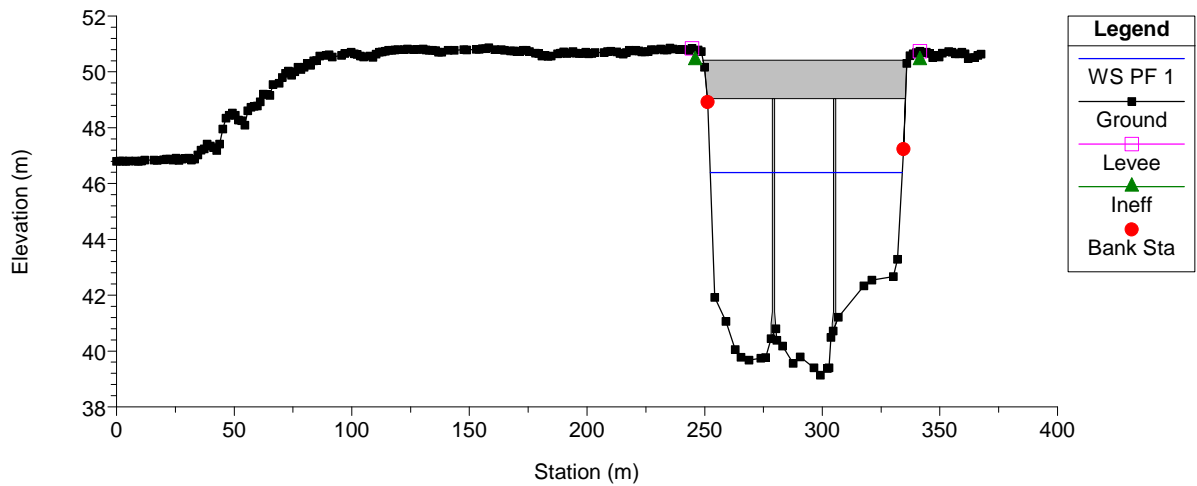
River = Foglia Reach = Foglia RS = 2328 BR Ponte



Mod_Vallefoglia_06_08_2018 Plan: 1) PLAN_02 27/08/2018

Geom: 2018_08_06_Bassa_officiosita_Progetto

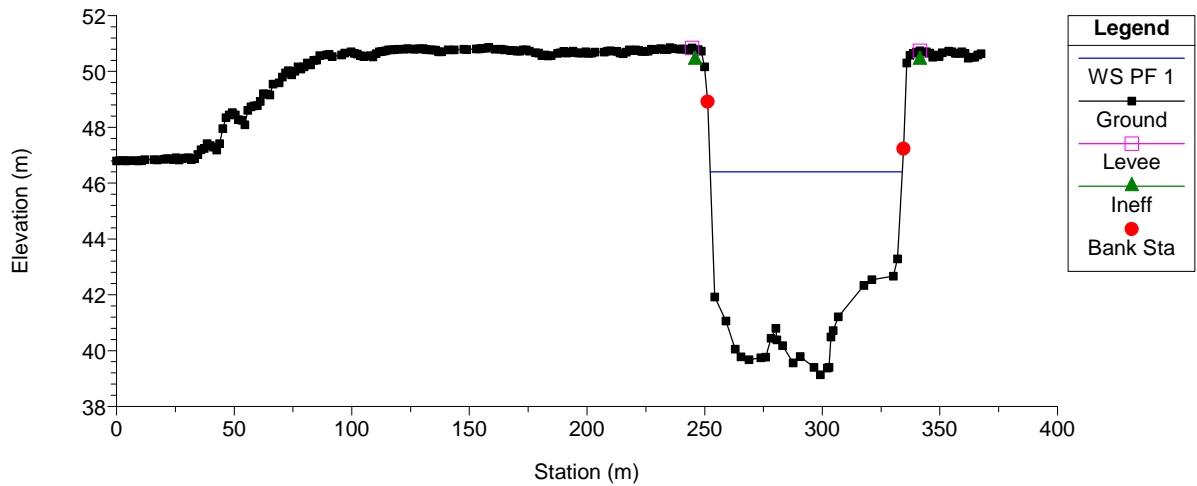
River = Foglia Reach = Foglia RS = 2328 BR Ponte



Mod_Vallefoglia_06_08_2018 Plan: 1) PLAN_02 27/08/2018

Geom: 2018_08_06_Bassa_officiosita_Progetto

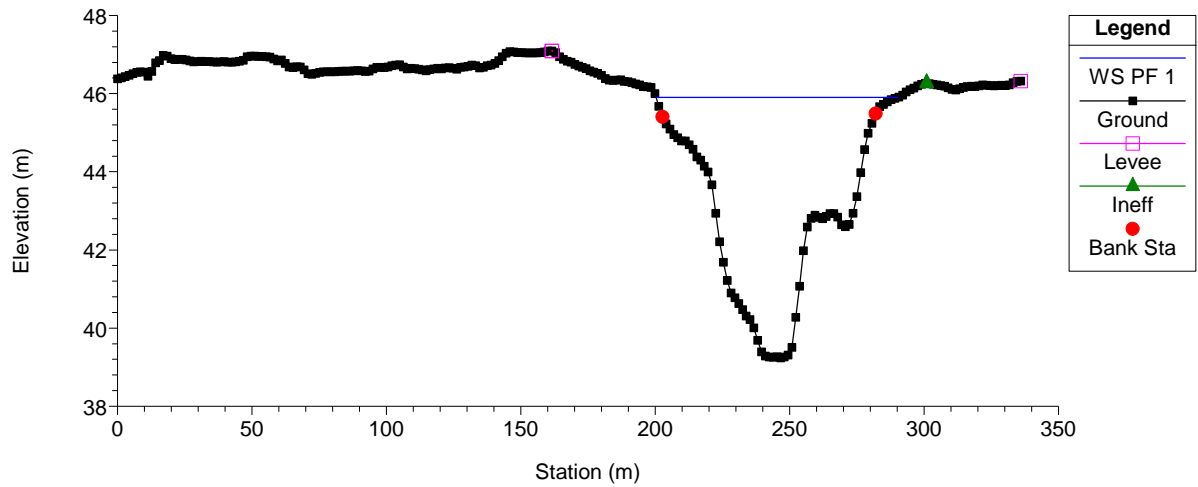
River = Foglia Reach = Foglia RS = 2326.71 Sezione Regione 01084



Mod_Vallefoglia_06_08_2018 Plan: 1) PLAN_02 27/08/2018

Geom: 2018_08_06_Bassa_officiosita_Progetto

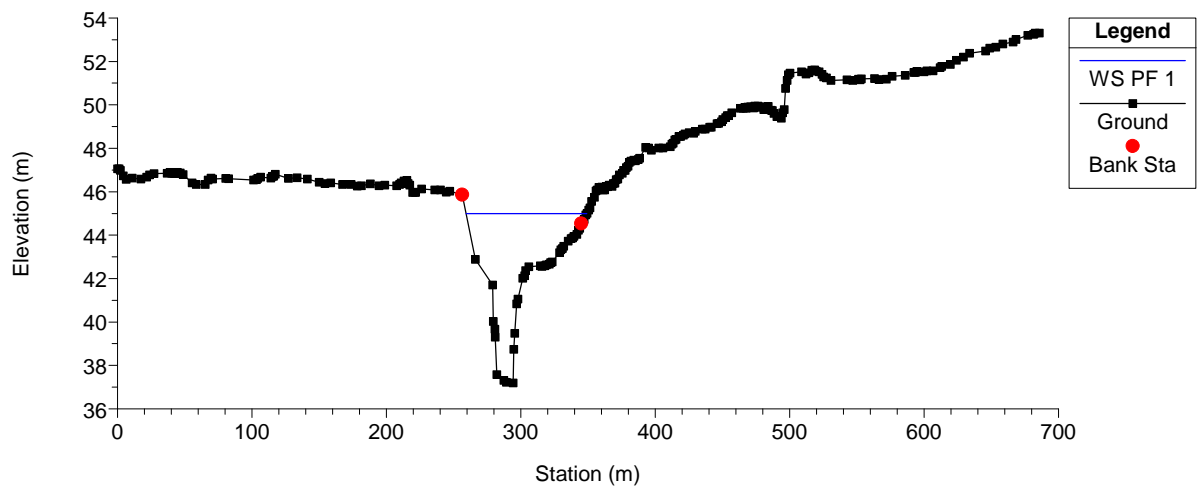
River = Foglia Reach = Foglia RS = 2282.9 Sezione DTM 01083/5



Mod_Vallefoglia_06_08_2018 Plan: 1) PLAN_02 27/08/2018

Geom: 2018_08_06_Bassa_officiosita_Progetto

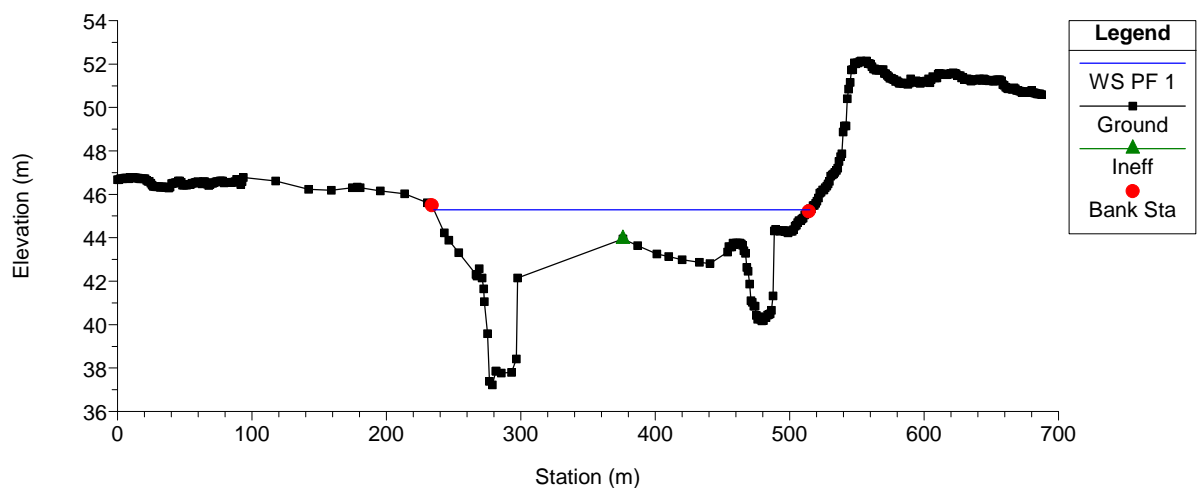
River = Foglia Reach = Foglia RS = 2120.29 Sezione Regione 01083



Mod_Vallefoglia_06_08_2018 Plan: 1) PLAN_02 27/08/2018

Geom: 2018_08_06_Bassa_officiosita_Progetto

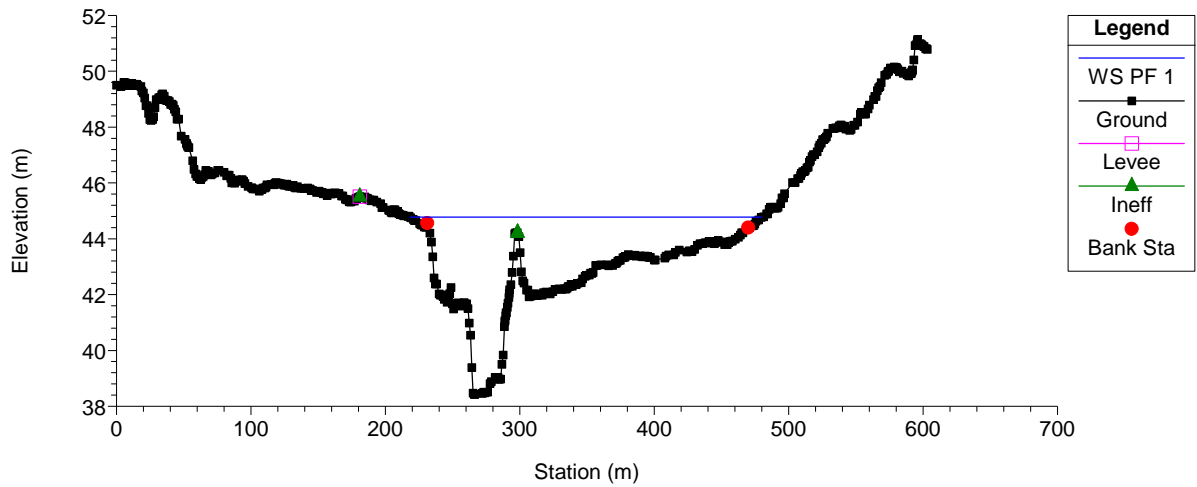
River = Foglia Reach = Foglia RS = 2067.33 Sezione Regione 01082



Mod_Vallefoglia_06_08_2018 Plan: 1) PLAN_02 27/08/2018

Geom: 2018_08_06_Bassa_officiosita_Progetto

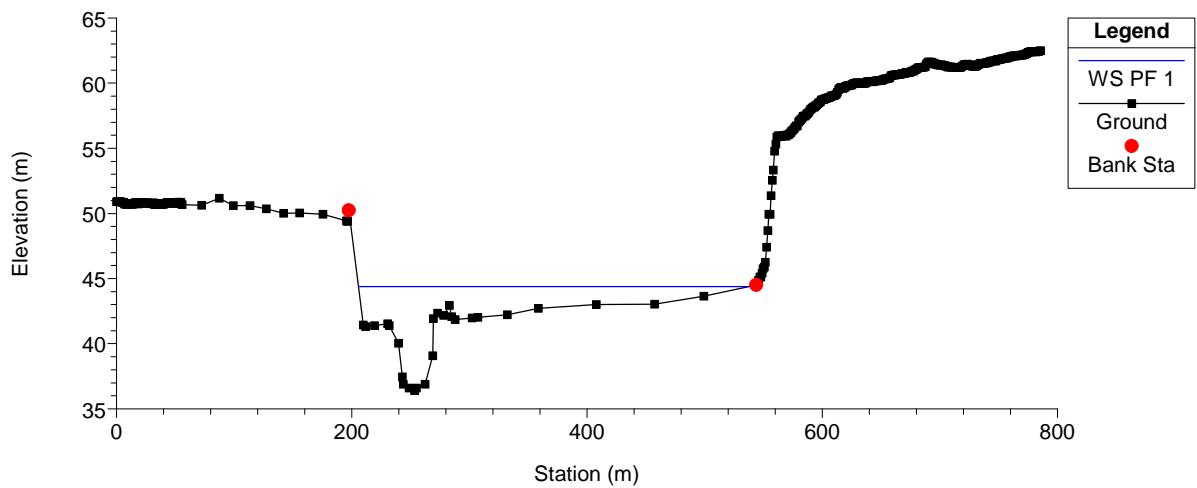
River = Foglia Reach = Foglia RS = 1858.19 Sezione DTM 01081/5



Mod_Vallefoglia_06_08_2018 Plan: 1) PLAN_02 27/08/2018

Geom: 2018_08_06_Bassa_officiosita_Progetto

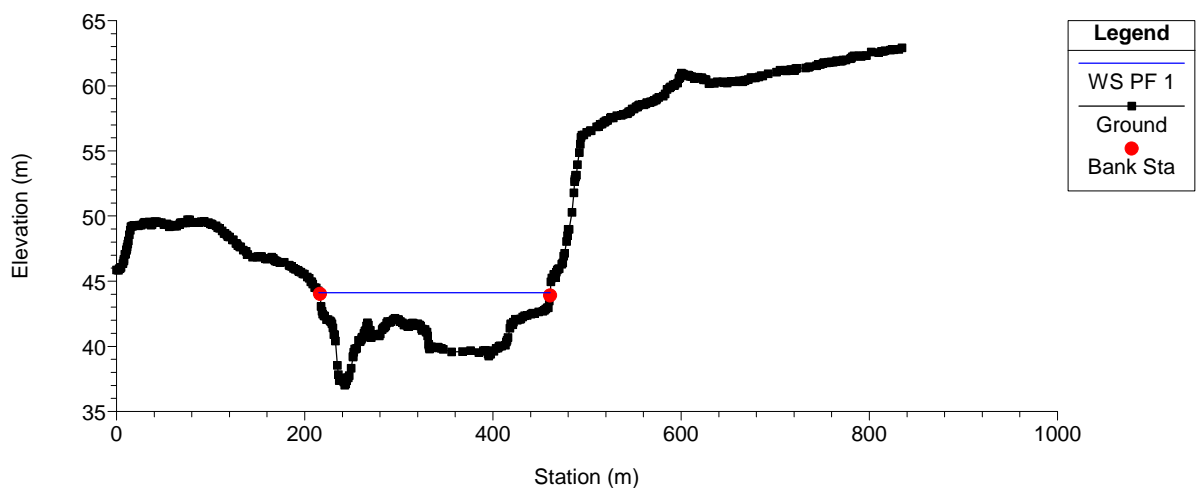
River = Foglia Reach = Foglia RS = 1743.09 Sezione Regione 01081



Mod_Vallefoglia_06_08_2018 Plan: 1) PLAN_02 27/08/2018

Geom: 2018_08_06_Bassa_officiosita_Progetto

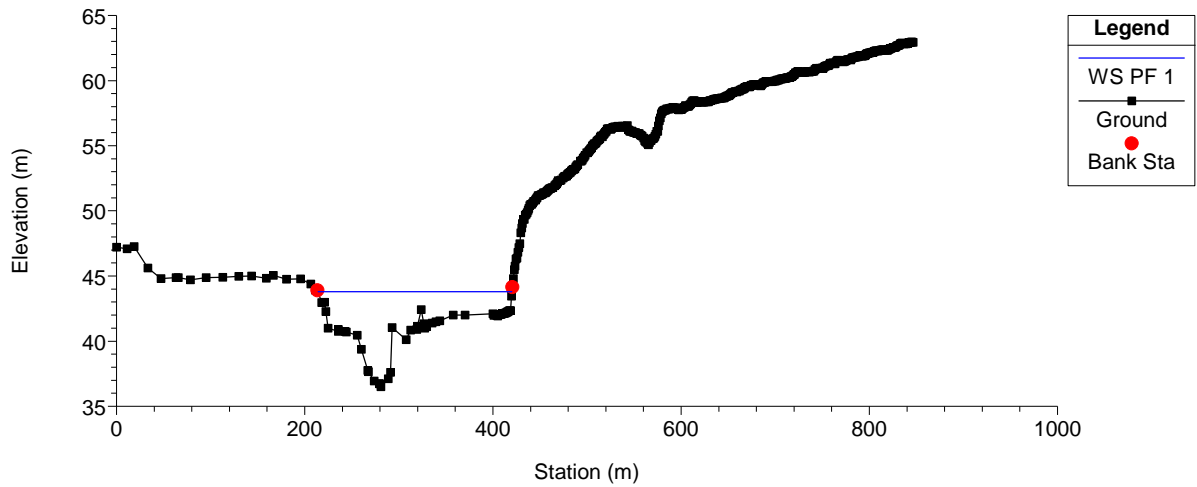
River = Foglia Reach = Foglia RS = 1587.51 Sezione DTM 01080/5



Mod_Vallefoglia_06_08_2018 Plan: 1) PLAN_02 27/08/2018

Geom: 2018_08_06_Bassa_officiosita_Progetto

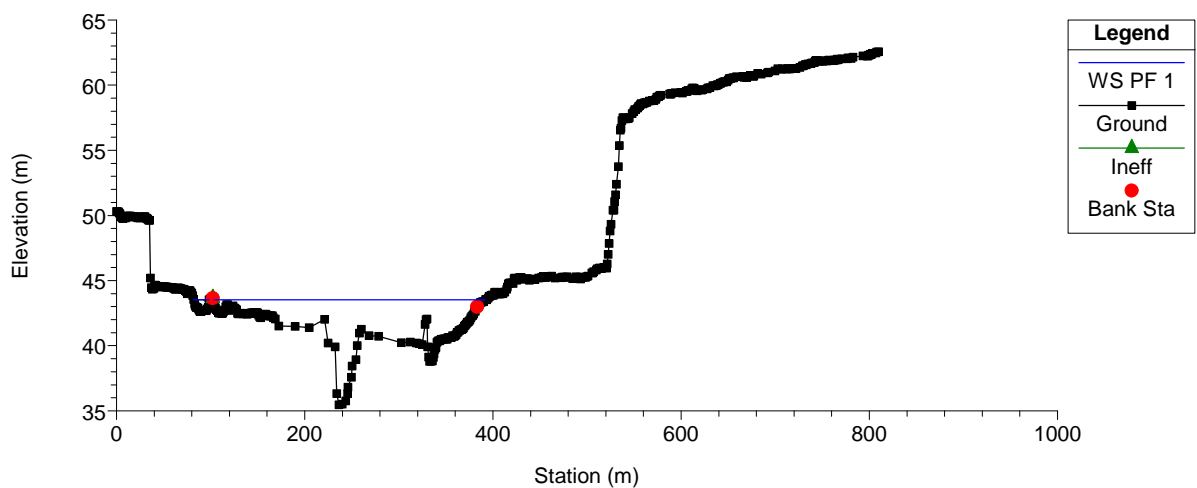
River = Foglia Reach = Foglia RS = 1415.04 Sezione Regione 01080



Mod_Vallefoglia_06_08_2018 Plan: 1) PLAN_02 27/08/2018

Geom: 2018_08_06_Bassa_officiosita_Progetto

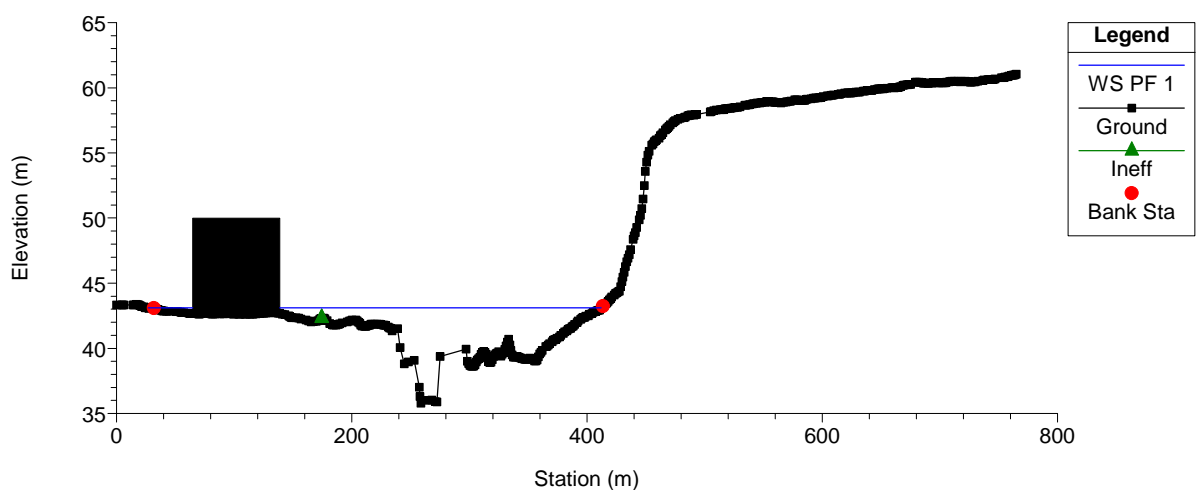
River = Foglia Reach = Foglia RS = 1242.69 Sezione Regione 01079



Mod_Vallefoglia_06_08_2018 Plan: 1) PLAN_02 27/08/2018

Geom: 2018_08_06_Bassa_officiosita_Progetto

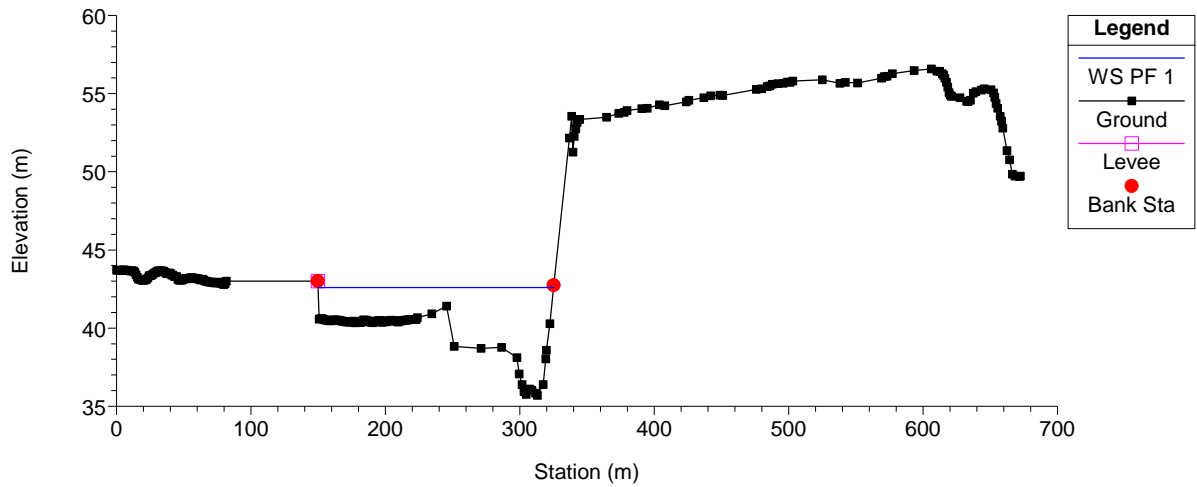
River = Foglia Reach = Foglia RS = 1000.25 Sezione Regione 01078



Mod_Vallefoglia_06_08_2018 Plan: 1) PLAN_02 27/08/2018

Geom: 2018_08_06_Bassa_officiosita_Progetto

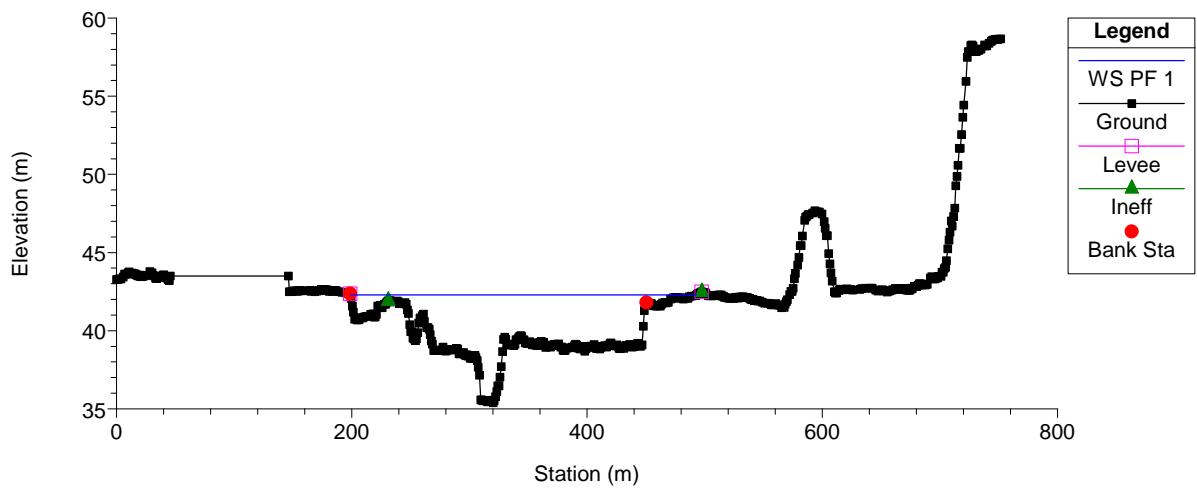
River = Foglia Reach = Foglia RS = 768.43 Sezione Regione 01077



Mod_Vallefoglia_06_08_2018 Plan: 1) PLAN_02 27/08/2018

Geom: 2018_08_06_Bassa_officiosita_Progetto

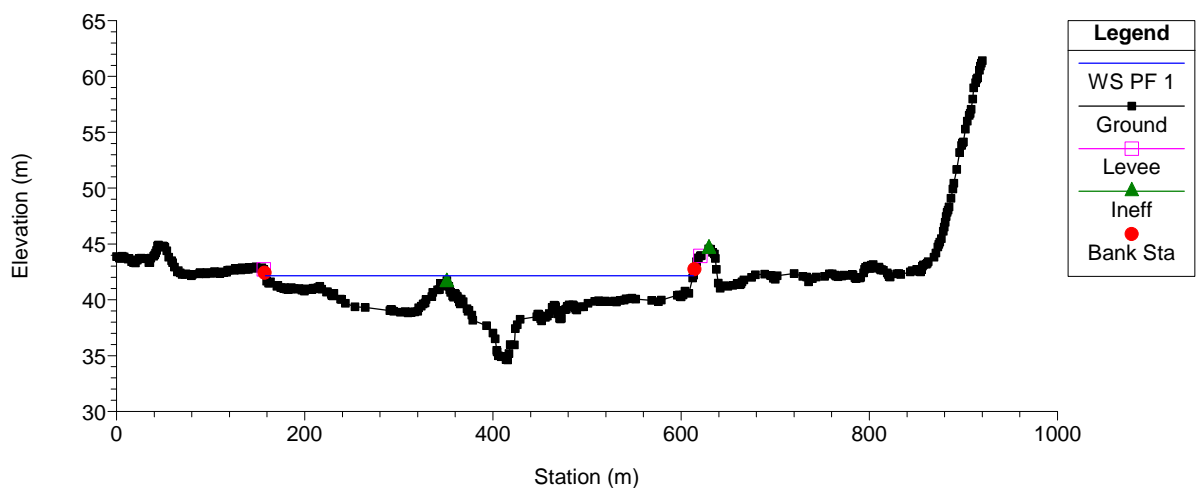
River = Foglia Reach = Foglia RS = 622.27 Sezione DTM 01076/5



Mod_Vallefoglia_06_08_2018 Plan: 1) PLAN_02 27/08/2018

Geom: 2018_08_06_Bassa_officiosita_Progetto

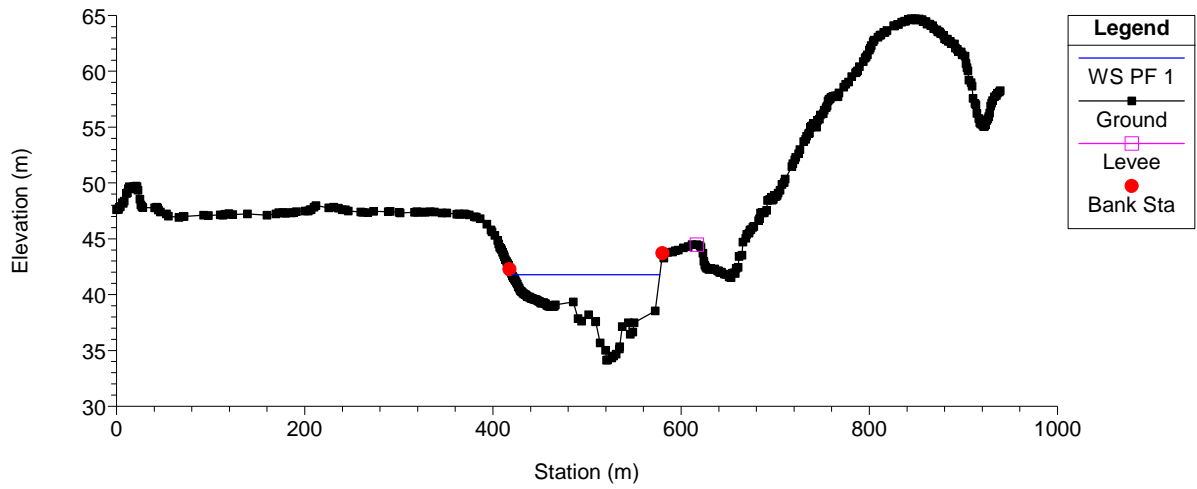
River = Foglia Reach = Foglia RS = 459.85 Sezione Regione 01076



Mod_Vallefoglia_06_08_2018 Plan: 1) PLAN_02 27/08/2018

Geom: 2018_08_06_Bassa_officiosita_Progetto

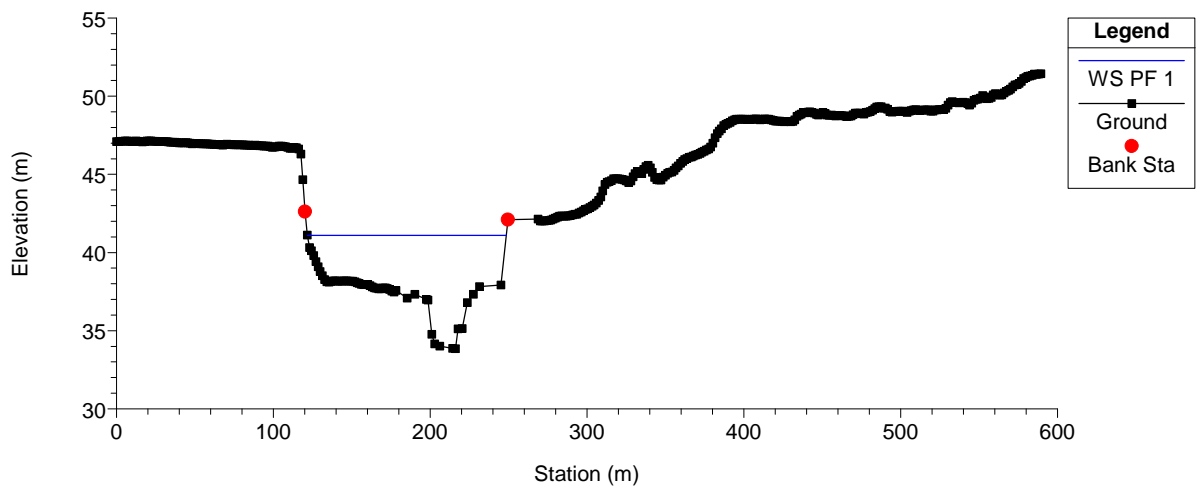
River = Foglia Reach = Foglia RS = 228.89 Sezione Regione 01075



Mod_Vallefoglia_06_08_2018 Plan: 1) PLAN_02 27/08/2018

Geom: 2018_08_06_Bassa_officiosita_Progetto

River = Foglia Reach = Foglia RS = 29.76 Sezione Regione 01074

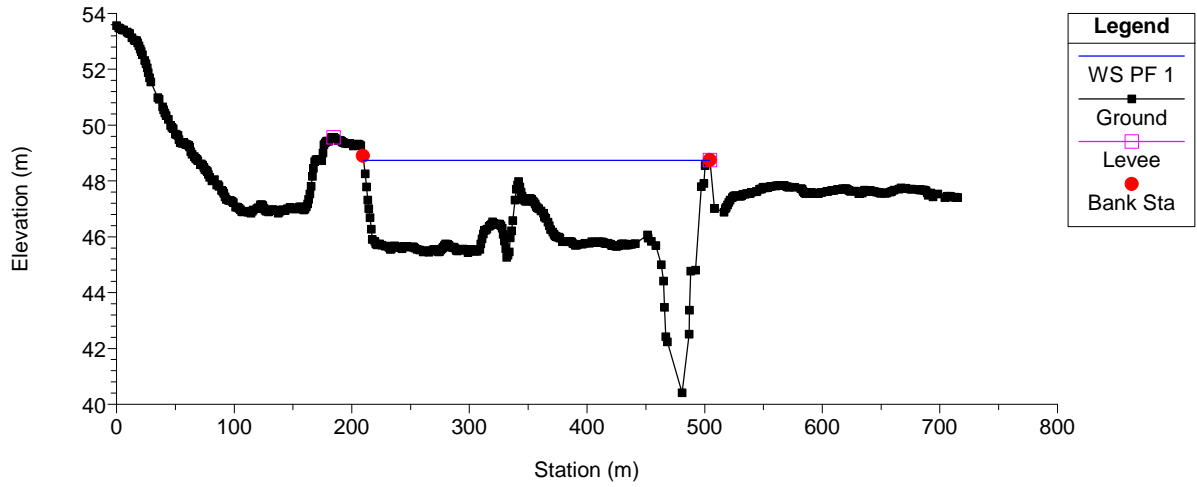


3 PLAN 04 BASSA OFFICIOSITÀ / STATO DI PROGETTO

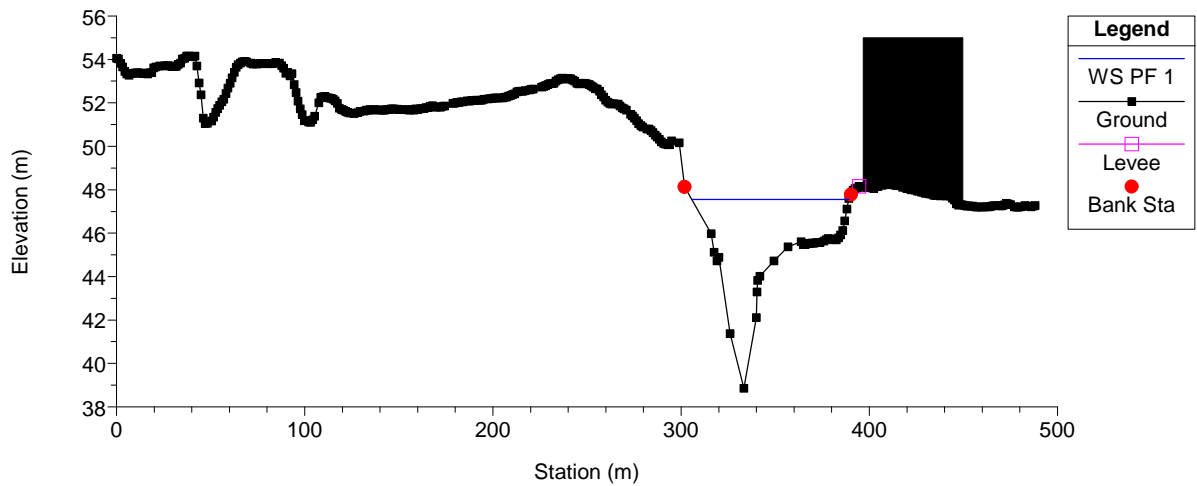
HEC-RAS Plan: PLAN_04 River: Foglia Reach: Foglia Profile: PF 1

Reach	River Sta	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
Foglia	2885.37	987.09	40.41	48.74	46.53	48.80	0.000740	1.10	900.91	294.32	0.20
Foglia	2589.61	987.09	38.86	47.55	46.84	48.32	0.006509	3.88	254.68	83.44	0.71
Foglia	2350	987.09	40.56	47.28	43.91	47.50	0.001302	2.10	470.09	85.03	0.29
Foglia	2345	Inl Struct									
Foglia	2340	987.09	40.78	47.10	43.85	47.34	0.001381	2.15	460.03	84.60	0.29
Foglia	2330	987.09	40.78	47.08	43.85	47.32	0.001399	2.16	458.01	84.56	0.30
Foglia	2328	Bridge									
Foglia	2326.71	987.09	39.14	46.40	43.31	46.65	0.001311	2.22	445.57	81.71	0.30
Foglia	2282.9	987.09	39.23	45.89	44.62	46.52	0.004164	3.51	282.85	89.18	0.60
Foglia	2120.29	987.09	37.20	44.99	44.20	45.69	0.006309	3.69	268.12	89.81	0.67
Foglia	2067.33	987.09	37.23	45.29	43.94	45.39	0.001152	1.37	720.82	279.71	0.27
Foglia	1858.19	987.09	38.42	44.77	43.63	44.95	0.004795	1.84	541.11	261.66	0.39
Foglia	1743.09	987.09	36.41	44.38	42.66	44.48	0.003240	1.40	704.08	331.46	0.31
Foglia	1587.51	987.09	37.02	44.11	41.49	44.18	0.001210	1.20	823.03	246.07	0.21
Foglia	1415.04	987.09	36.50	43.78	41.86	43.92	0.001906	1.64	603.03	205.98	0.31
Foglia	1242.69	987.09	35.47	43.49	41.67	43.59	0.001749	1.39	711.26	304.74	0.28
Foglia	1000.25	987.09	35.79	43.06	40.79	43.16	0.001802	1.42	694.14	305.12	0.30
Foglia	768.43	987.09	35.70	42.51	40.94	42.70	0.002145	1.89	522.88	175.00	0.35
Foglia	622.27	987.09	35.39	42.28	40.08	42.37	0.001966	1.32	760.34	294.06	0.24
Foglia	459.85	987.09	34.62	42.16	40.04	42.20	0.000549	0.82	1199.44	454.91	0.16
Foglia	228.89	987.09	34.13	41.78	39.49	41.93	0.003186	1.74	568.20	157.32	0.29
Foglia	29.76	987.09	33.85	41.10	39.02	41.31	0.003004	2.05	482.34	127.00	0.34

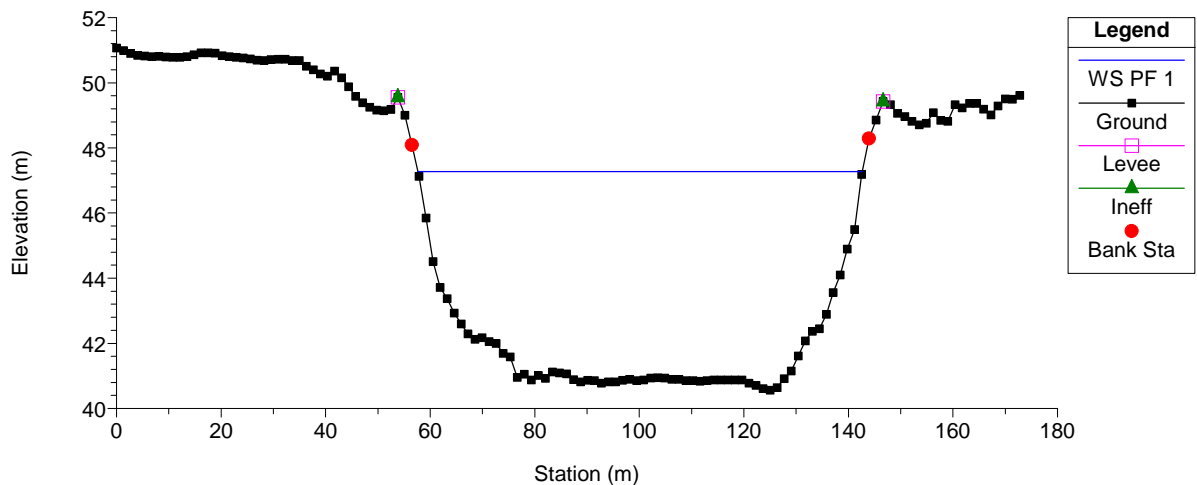
Mod_Vallefoglia_06_08_2018 Plan: Plan 04 13/09/2018
 Geom: 2018_08_06_Bassa_officiosita_Progetto
 River = Foglia Reach = Foglia RS = 2885.37 Sezione Regione 01086



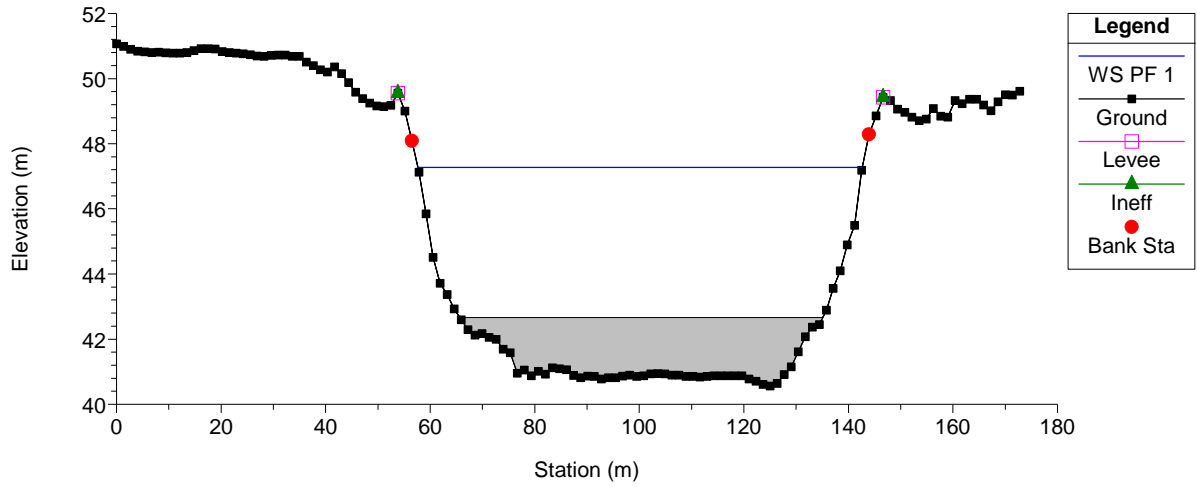
Mod_Vallefoglia_06_08_2018 Plan: Plan 04 13/09/2018
 Geom: 2018_08_06_Bassa_officiosita_Progetto
 River = Foglia Reach = Foglia RS = 2589.61 Sezione Regione 01085



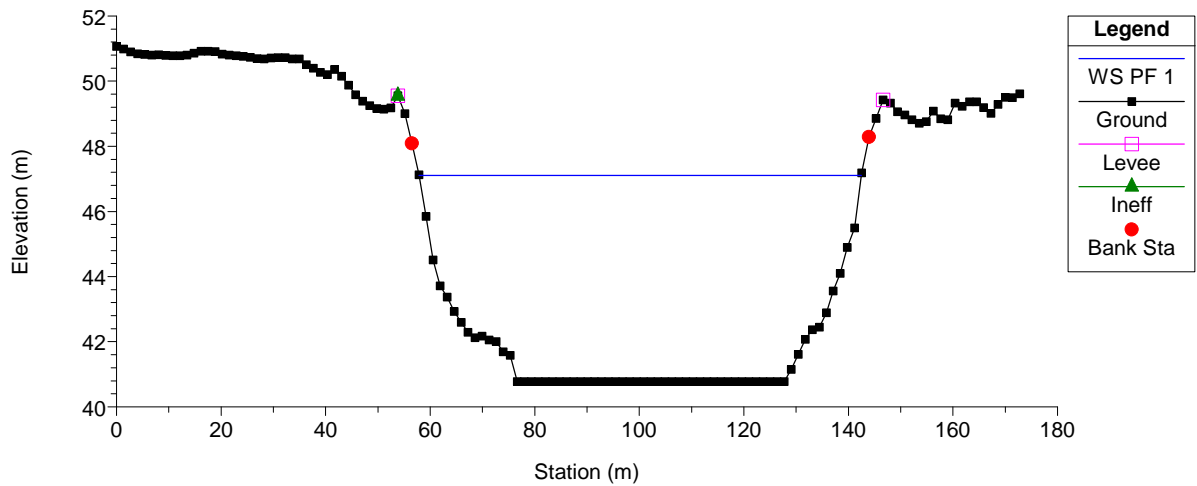
Mod_Vallefoglia_06_08_2018 Plan: Plan 04 13/09/2018
 Geom: 2018_08_06_Bassa_officiosita_Progetto
 River = Foglia Reach = Foglia RS = 2350 Sezione DTM 01084/1_monteBriglia



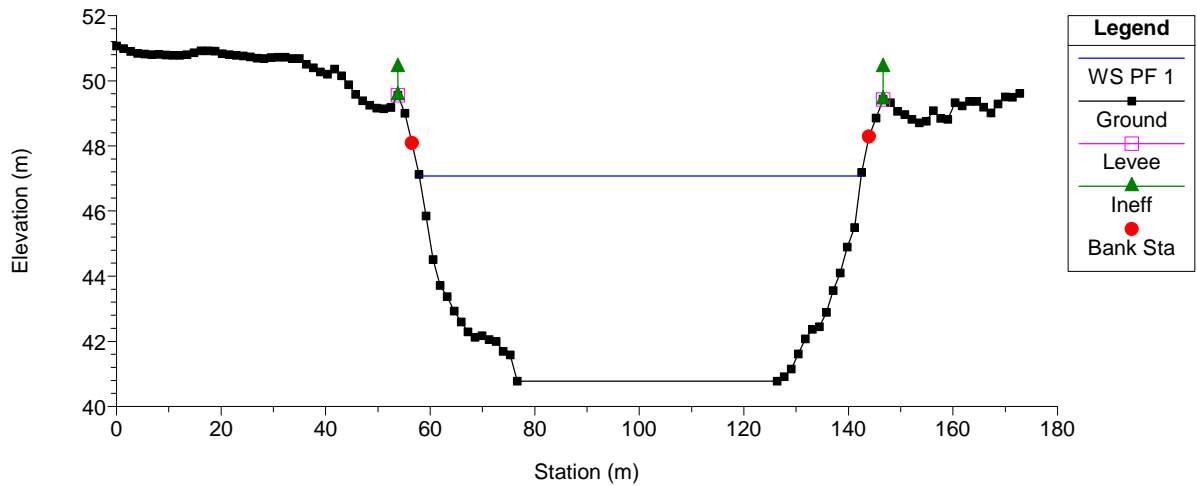
Mod_Vallefoglia_06_08_2018 Plan: Plan 04 13/09/2018
Geom: 2018_08_06_Bassa_officiosita_Progetto
River = Foglia Reach = Foglia RS = 2345 IS Briglia



Mod_Vallefoglia_06_08_2018 Plan: Plan 04 13/09/2018
Geom: 2018_08_06_Bassa_officiosita_Progetto
River = Foglia Reach = Foglia RS = 2340 Sezione DTM 01084/1



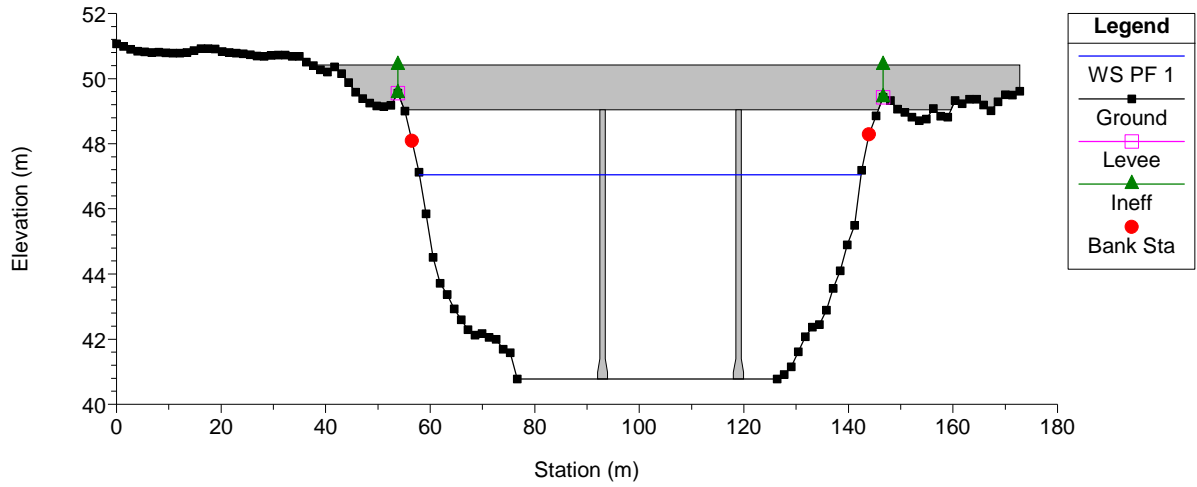
Mod_Vallefoglia_06_08_2018 Plan: Plan 04 13/09/2018
Geom: 2018_08_06_Bassa_officiosita_Progetto
River = Foglia Reach = Foglia RS = 2330 Sezione DTM 01084/1



Mod_Vallefoglia_06_08_2018 Plan: Plan 04 13/09/2018

Geom: 2018_08_06_Bassa_officiosita_Progetto

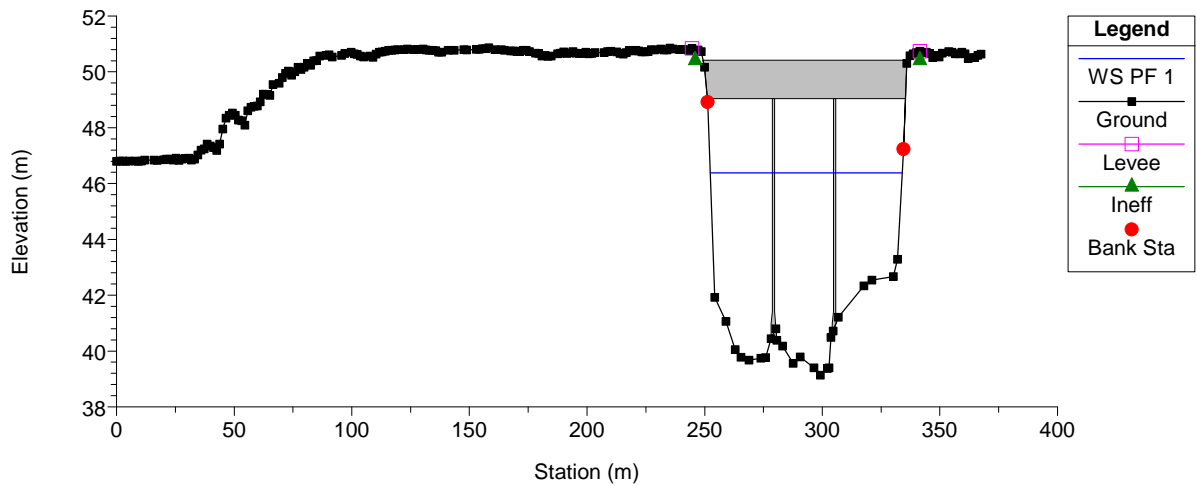
River = Foglia Reach = Foglia RS = 2328 BR Ponte



Mod_Vallefoglia_06_08_2018 Plan: Plan 04 13/09/2018

Geom: 2018_08_06_Bassa_officiosita_Progetto

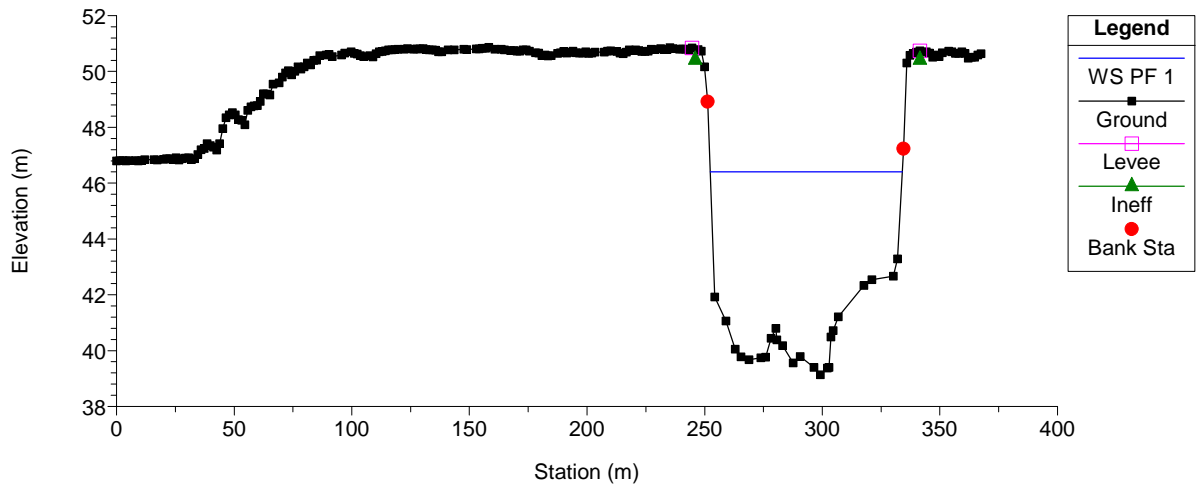
River = Foglia Reach = Foglia RS = 2328 BR Ponte



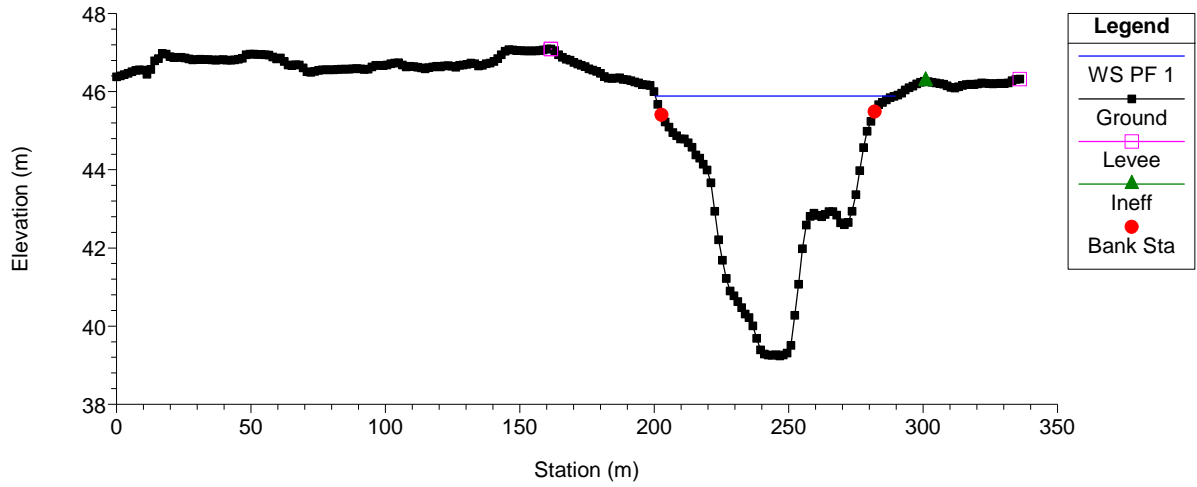
Mod_Vallefoglia_06_08_2018 Plan: Plan 04 13/09/2018

Geom: 2018_08_06_Bassa_officiosita_Progetto

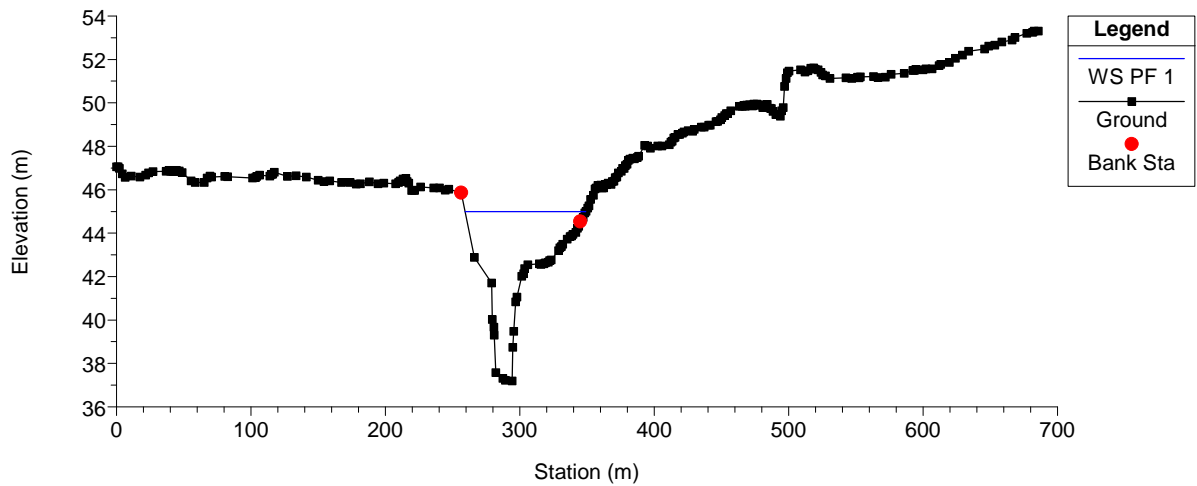
River = Foglia Reach = Foglia RS = 2326.71 Sezione Regione 01084



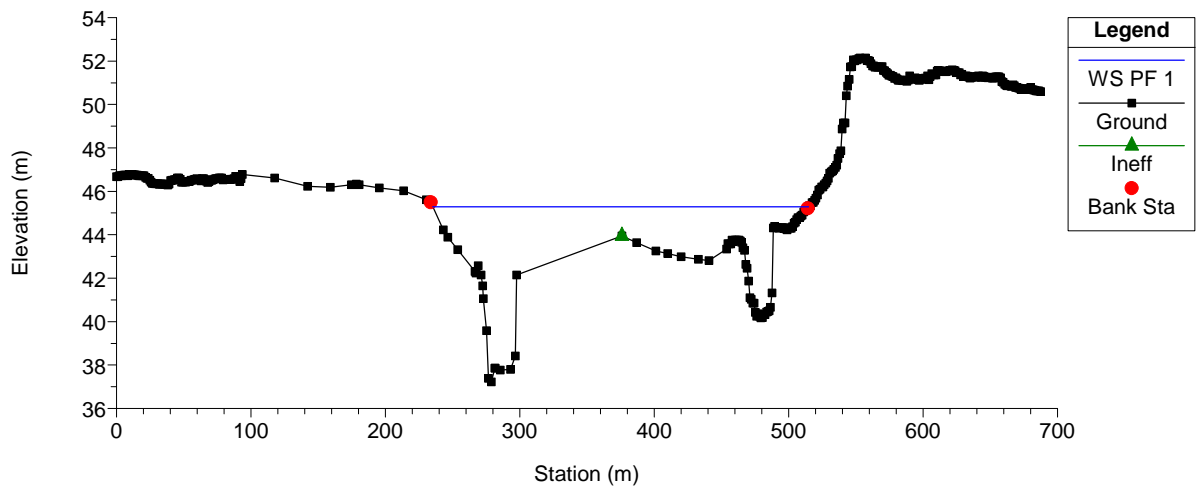
Mod_Vallefoglia_06_08_2018 Plan: Plan 04 13/09/2018
Geom: 2018_08_06_Bassa_officiosita_Progetto
River = Foglia Reach = Foglia RS = 2282.9 Sezione DTM 01083/5



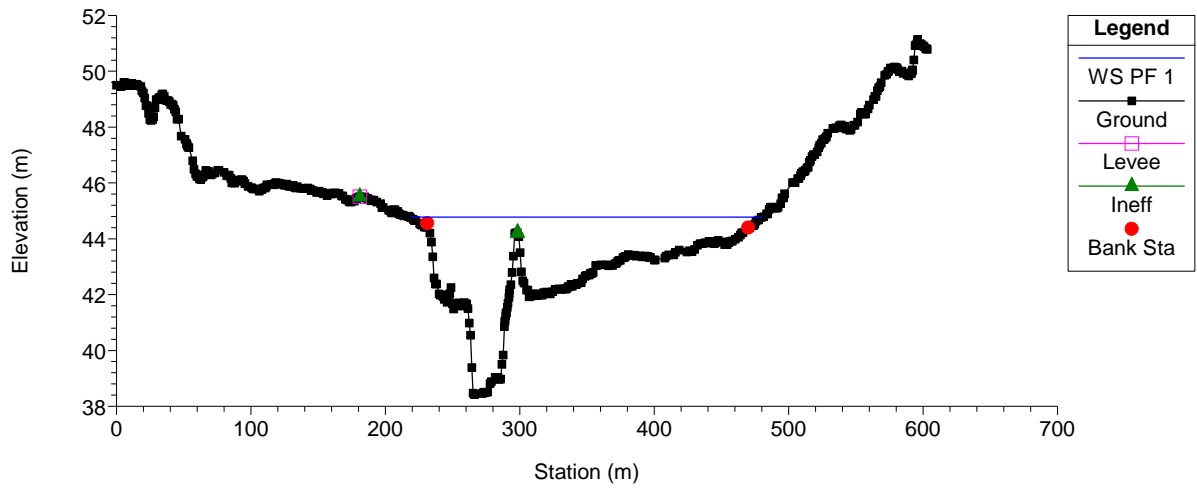
Mod_Vallefoglia_06_08_2018 Plan: Plan 04 13/09/2018
Geom: 2018_08_06_Bassa_officiosita_Progetto
River = Foglia Reach = Foglia RS = 2120.29 Sezione Regione 01083



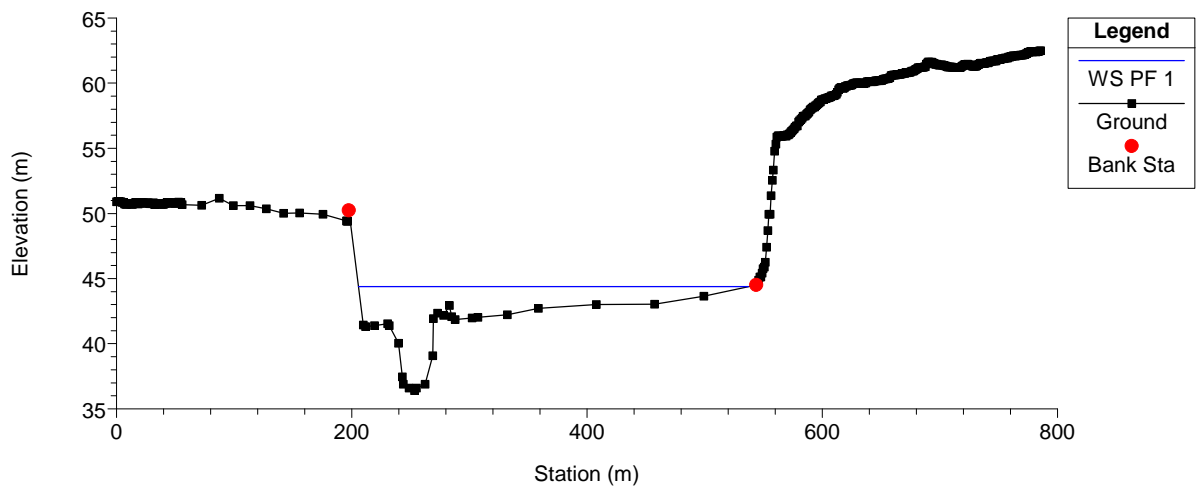
Mod_Vallefoglia_06_08_2018 Plan: Plan 04 13/09/2018
Geom: 2018_08_06_Bassa_officiosita_Progetto
River = Foglia Reach = Foglia RS = 2067.33 Sezione Regione 01082



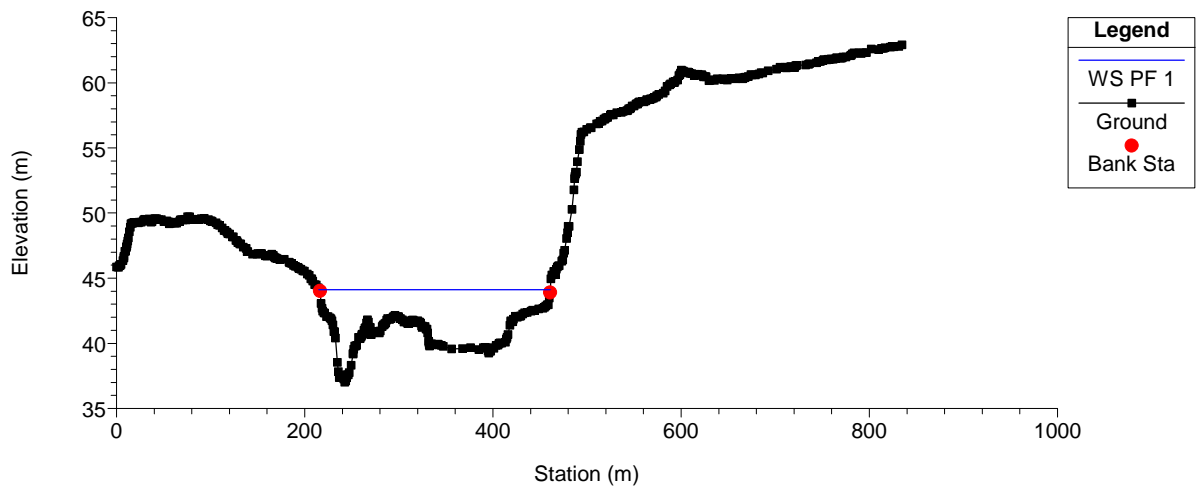
Mod_Vallefoglia_06_08_2018 Plan: Plan 04 13/09/2018
 Geom: 2018_08_06_Bassa_officiosita_Progetto
 River = Foglia Reach = Foglia RS = 1858.19 Sezione DTM 01081/5



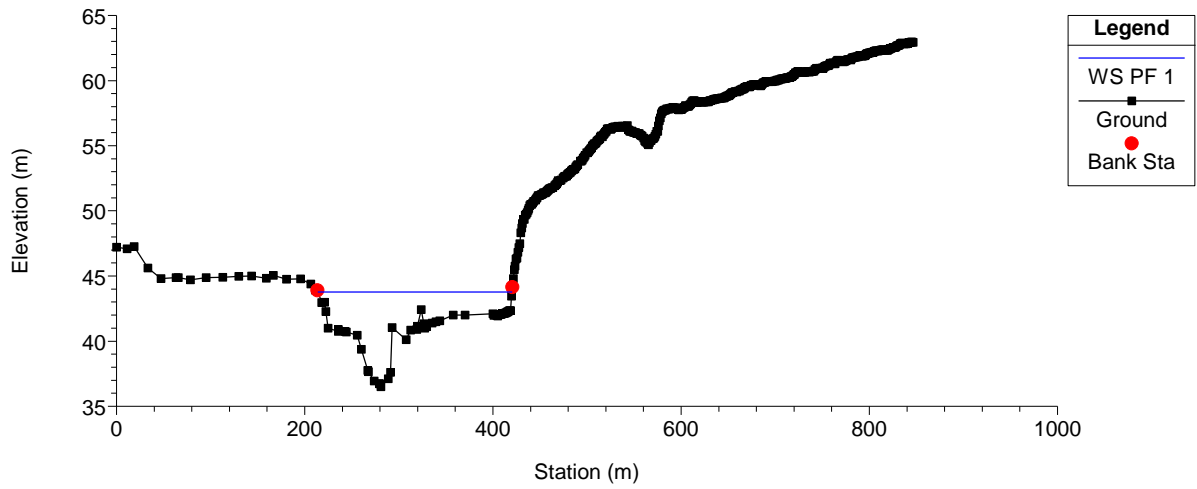
Mod_Vallefoglia_06_08_2018 Plan: Plan 04 13/09/2018
 Geom: 2018_08_06_Bassa_officiosita_Progetto
 River = Foglia Reach = Foglia RS = 1743.09 Sezione Regione 01081



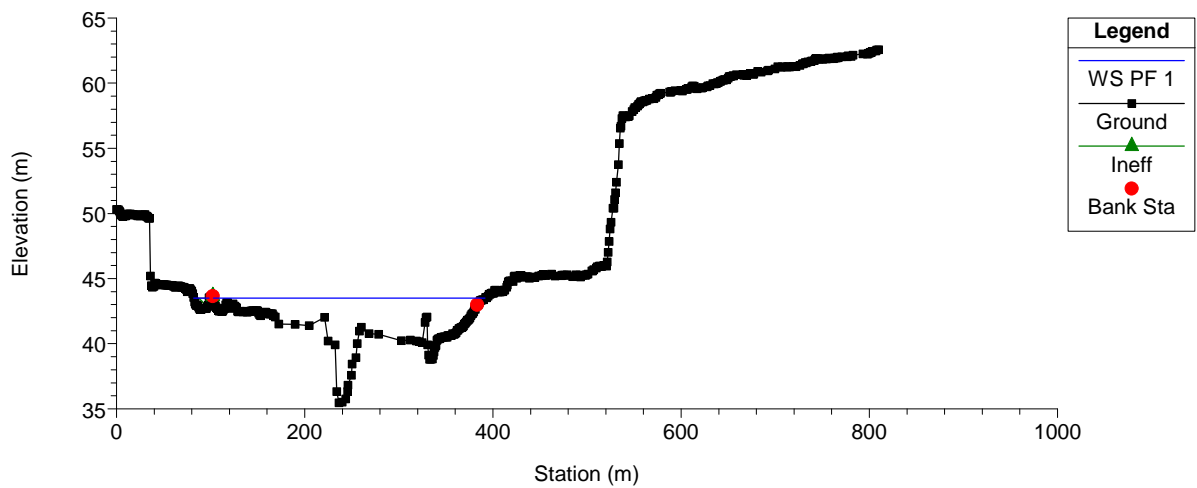
Mod_Vallefoglia_06_08_2018 Plan: Plan 04 13/09/2018
 Geom: 2018_08_06_Bassa_officiosita_Progetto
 River = Foglia Reach = Foglia RS = 1587.51 Sezione DTM 01080/5



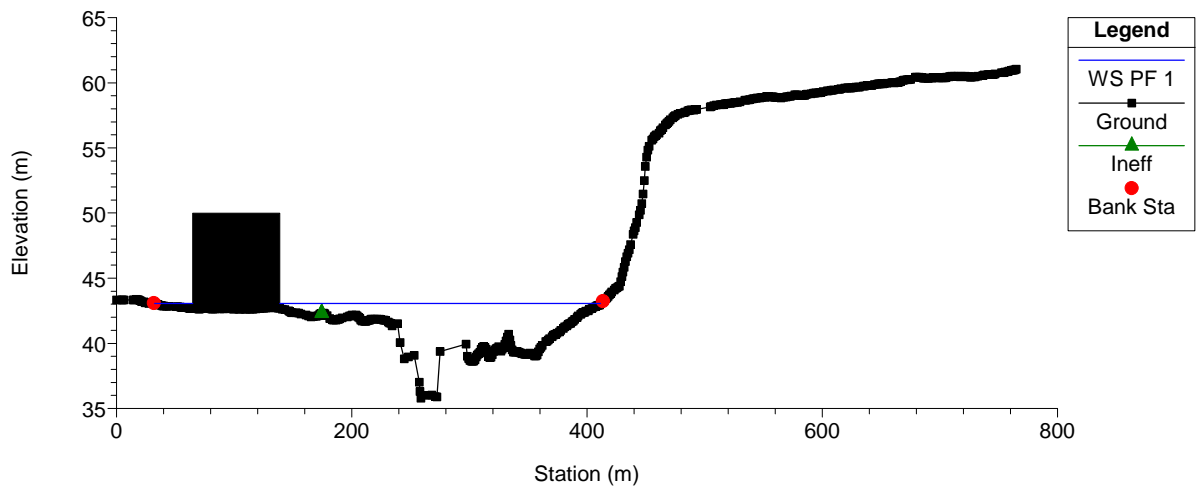
Mod_Vallefoglia_06_08_2018 Plan: Plan 04 13/09/2018
 Geom: 2018_08_06_Bassa_officiosita_Progetto
 River = Foglia Reach = Foglia RS = 1415.04 Sezione Regione 01080



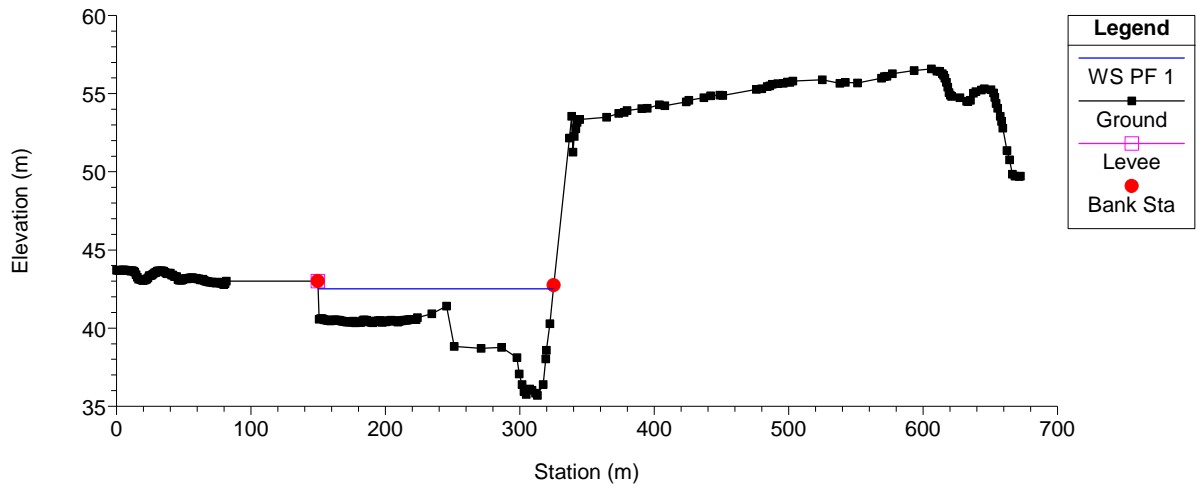
Mod_Vallefoglia_06_08_2018 Plan: Plan 04 13/09/2018
 Geom: 2018_08_06_Bassa_officiosita_Progetto
 River = Foglia Reach = Foglia RS = 1242.69 Sezione Regione 01079



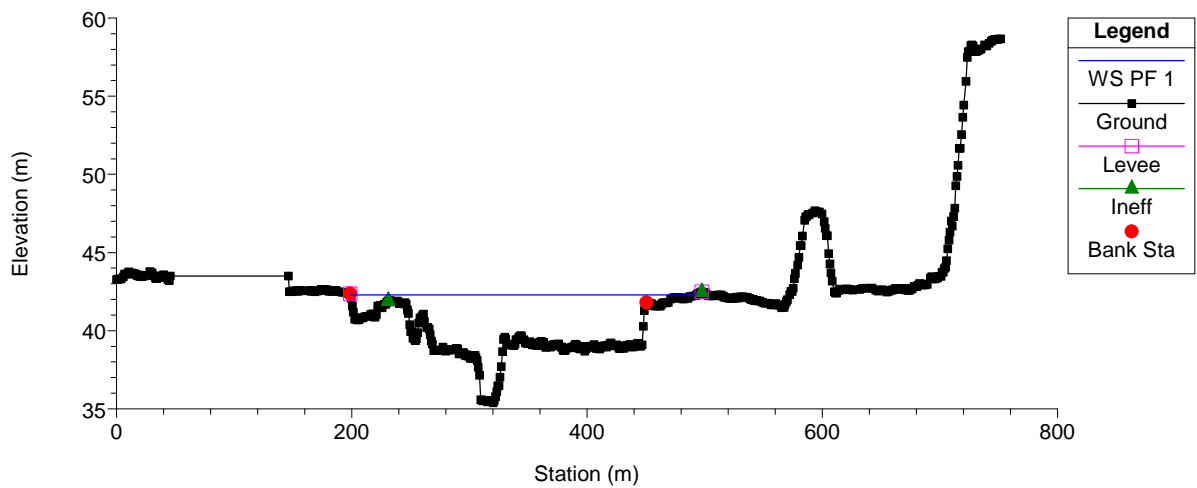
Mod_Vallefoglia_06_08_2018 Plan: Plan 04 13/09/2018
 Geom: 2018_08_06_Bassa_officiosita_Progetto
 River = Foglia Reach = Foglia RS = 1000.25 Sezione Regione 01078



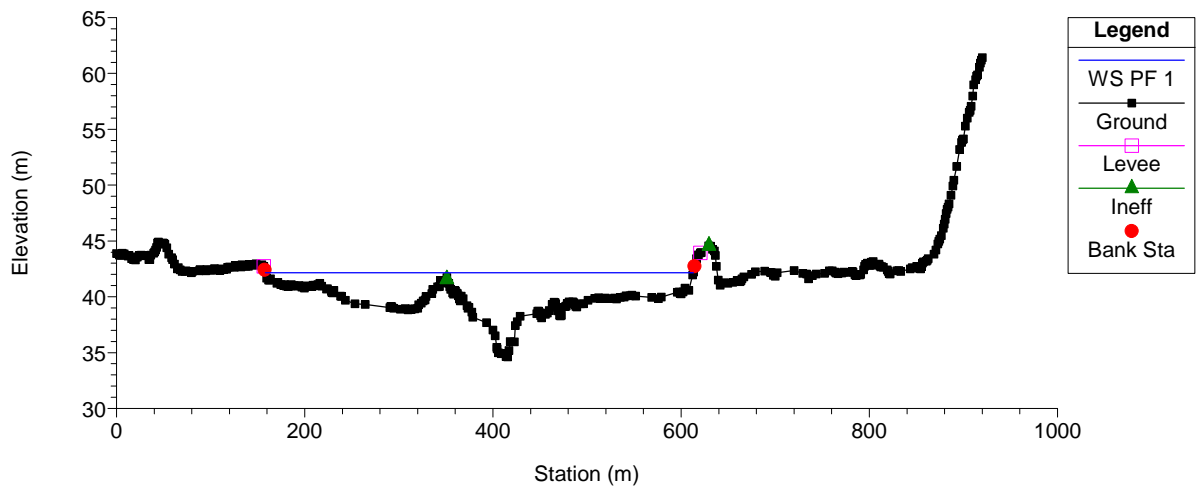
Mod_Vallefoglia_06_08_2018 Plan: Plan 04 13/09/2018
 Geom: 2018_08_06_Bassa_officiosita_Progetto
 River = Foglia Reach = Foglia RS = 768.43 Sezione Regione 01077



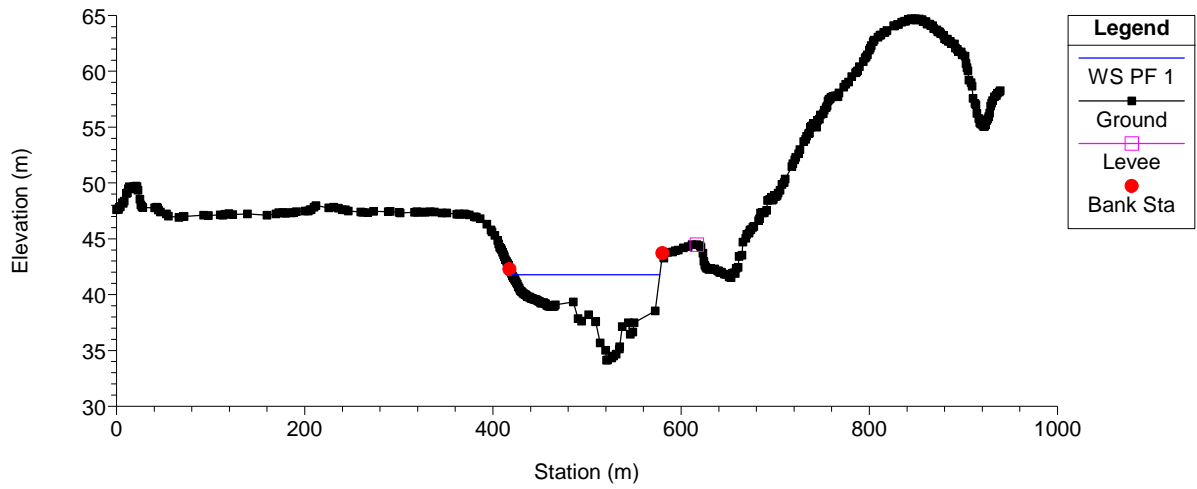
Mod_Vallefoglia_06_08_2018 Plan: Plan 04 13/09/2018
 Geom: 2018_08_06_Bassa_officiosita_Progetto
 River = Foglia Reach = Foglia RS = 622.27 Sezione DTM 01076/5



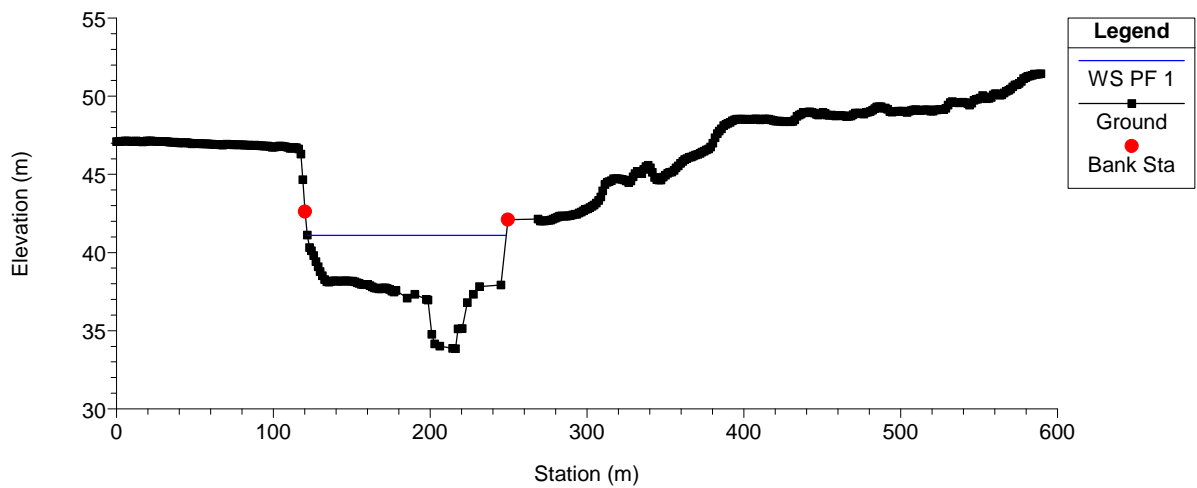
Mod_Vallefoglia_06_08_2018 Plan: Plan 04 13/09/2018
 Geom: 2018_08_06_Bassa_officiosita_Progetto
 River = Foglia Reach = Foglia RS = 459.85 Sezione Regione 01076



Mod_Vallefoglia_06_08_2018 Plan: Plan 04 13/09/2018
Geom: 2018_08_06_Bassa_officiosita_Progetto
River = Foglia Reach = Foglia RS = 228.89 Sezione Regione 01075



Mod_Vallefoglia_06_08_2018 Plan: Plan 04 13/09/2018
Geom: 2018_08_06_Bassa_officiosita_Progetto
River = Foglia Reach = Foglia RS = 29.76 Sezione Regione 01074

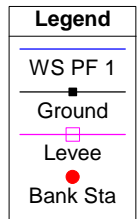
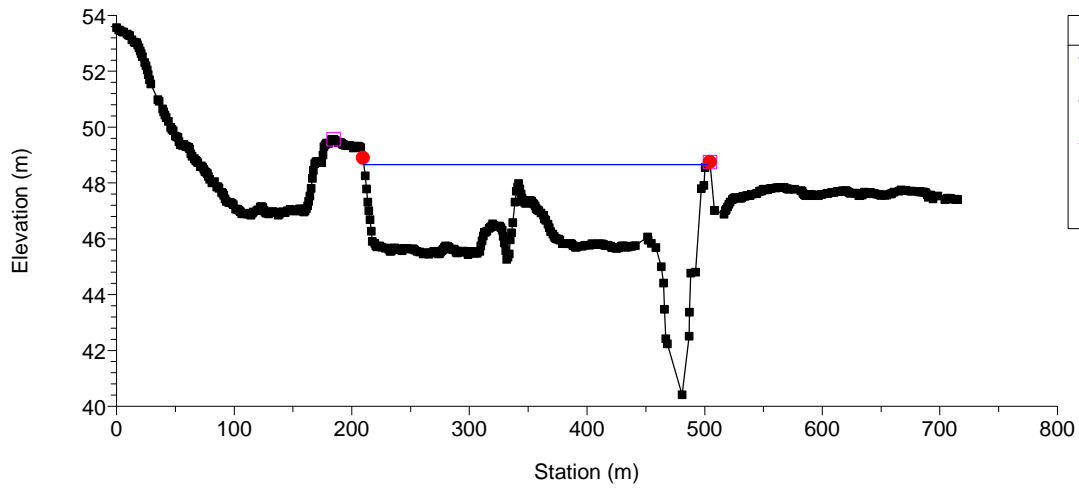


4 PLAN 05 ALTA OFFICIOSITÀ / STATO DI PROGETTO

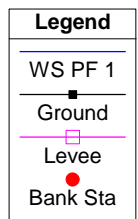
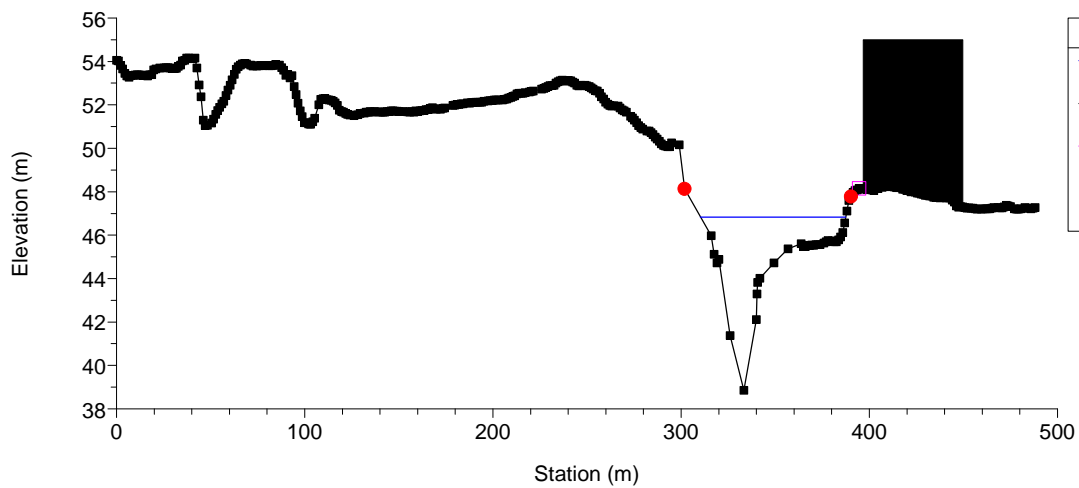
HEC-RAS Plan: Plan 05 River: Foglia Reach: Foglia Profile: PF 1

Reach	River Sta	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
Foglia	2885.37	987.09	40.41	48.65	46.61	48.72	0.000695	1.19	875.46	292.23	0.21
Foglia	2589.61	987.09	38.86	46.84	46.84	48.11	0.006983	5.01	197.21	77.21	1.00
Foglia	2350	987.09	40.56	47.01	43.91	47.26	0.000784	2.21	447.26	84.43	0.31
Foglia	2345	Inl Struct									
Foglia	2340	987.09	40.78	46.79	43.85	47.05	0.000858	2.28	433.70	84.02	0.32
Foglia	2330	987.09	40.78	46.78	43.85	47.04	0.000866	2.28	432.32	84.00	0.32
Foglia	2328	Bridge									
Foglia	2326.71	987.09	39.14	46.09	43.31	46.37	0.001367	2.35	420.49	81.38	0.33
Foglia	2282.9	987.09	39.23	45.34	44.62	46.22	0.003802	4.16	237.39	77.97	0.76
Foglia	2120.29	987.09	37.20	44.64	44.20	45.52	0.004846	4.16	237.48	85.87	0.79
Foglia	2067.33	987.09	37.23	45.08	43.94	45.20	0.000965	1.49	662.69	274.83	0.31
Foglia	1858.19	987.09	38.42	44.55	43.63	44.77	0.006436	2.04	484.82	249.53	0.46
Foglia	1743.09	987.09	36.41	43.99	42.66	44.14	0.004536	1.71	578.74	311.11	0.40
Foglia	1587.51	987.09	37.02	43.63	41.49	43.73	0.001622	1.40	705.28	243.49	0.26
Foglia	1415.04	987.09	36.50	43.25	41.86	43.46	0.001408	1.99	495.36	202.91	0.41
Foglia	1242.69	987.09	35.47	43.04	41.67	43.19	0.001540	1.69	583.22	291.40	0.37
Foglia	1000.25	987.09	35.79	42.70	40.79	42.84	0.001273	1.67	591.42	270.54	0.36
Foglia	768.43	987.09	35.70	41.94	40.94	42.22	0.008442	2.33	422.80	174.11	0.48
Foglia	622.27	987.09	35.39	41.50	40.08	41.67	0.001950	1.82	543.31	224.94	0.35
Foglia	459.85	987.09	34.62	41.24	40.04	41.39	0.001412	1.74	566.52	428.85	0.37
Foglia	228.89	987.09	34.13	40.62	39.49	40.95	0.002572	2.52	391.53	148.13	0.50
Foglia	29.76	987.09	33.85	39.95	39.02	40.38	0.003001	2.91	338.69	122.31	0.56

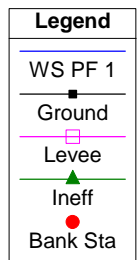
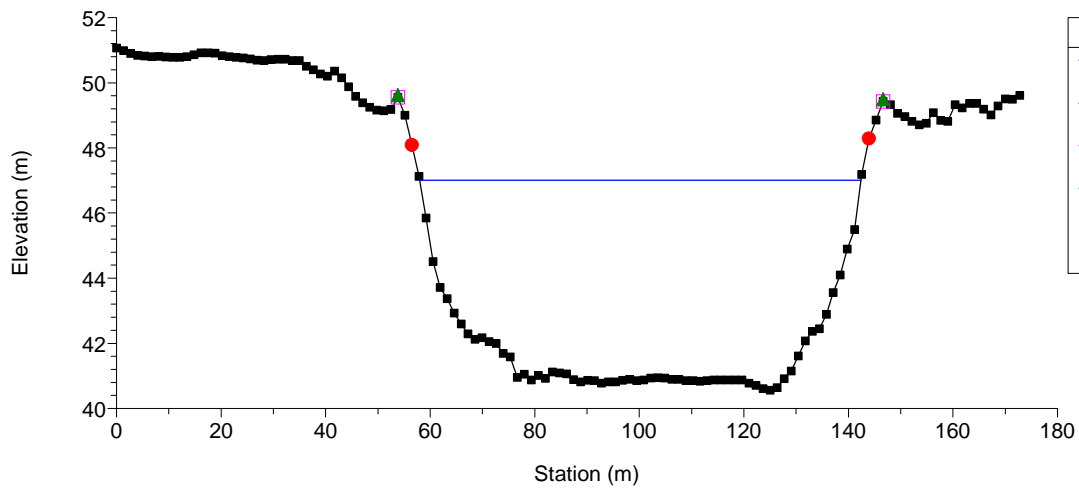
Mod_Vallefoglia_06_08_2018 Plan: 1) Plan 05 27/08/2018
 Geom: 2018_08_06_Bassa_officiosita_Progetto
 River = Foglia Reach = Foglia RS = 2885.37 Sezione Regione 01086



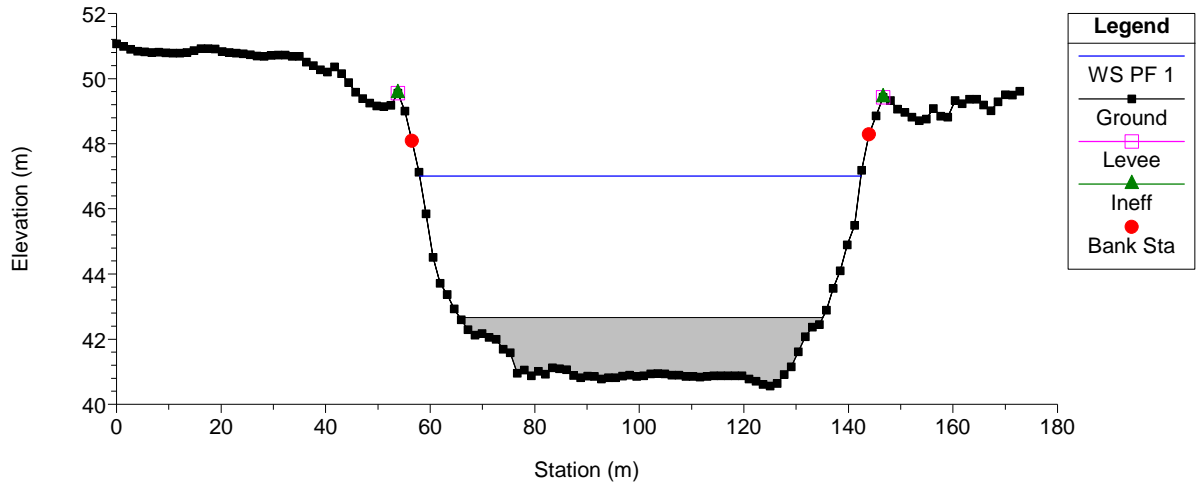
Mod_Vallefoglia_06_08_2018 Plan: 1) Plan 05 27/08/2018
 Geom: 2018_08_06_Bassa_officiosita_Progetto
 River = Foglia Reach = Foglia RS = 2589.61 Sezione Regione 01085



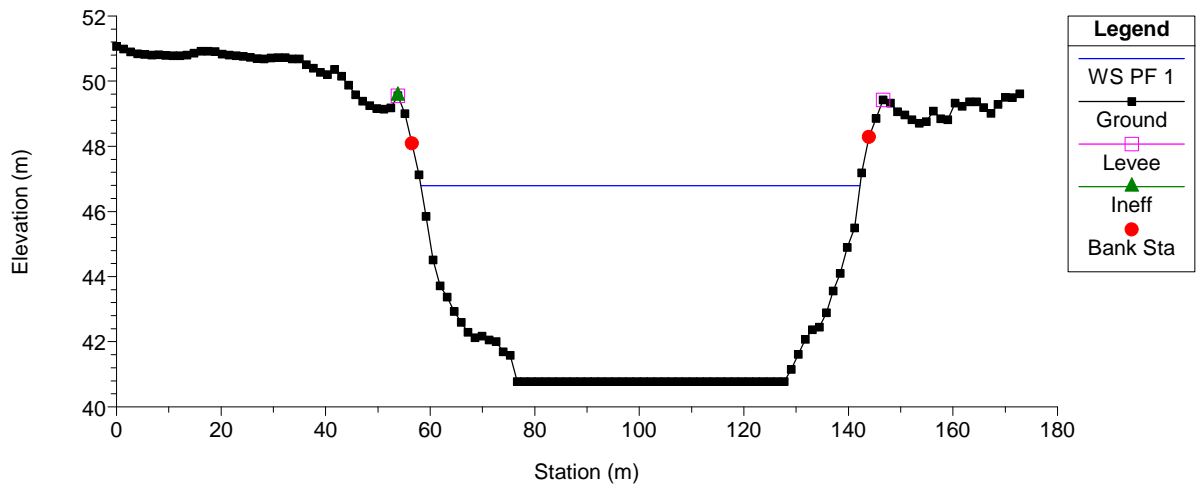
Mod_Vallefoglia_06_08_2018 Plan: 1) Plan 05 27/08/2018
 Geom: 2018_08_06_Bassa_officiosita_Progetto
 River = Foglia Reach = Foglia RS = 2350 Sezione DTM 01084/1_monteBriglia



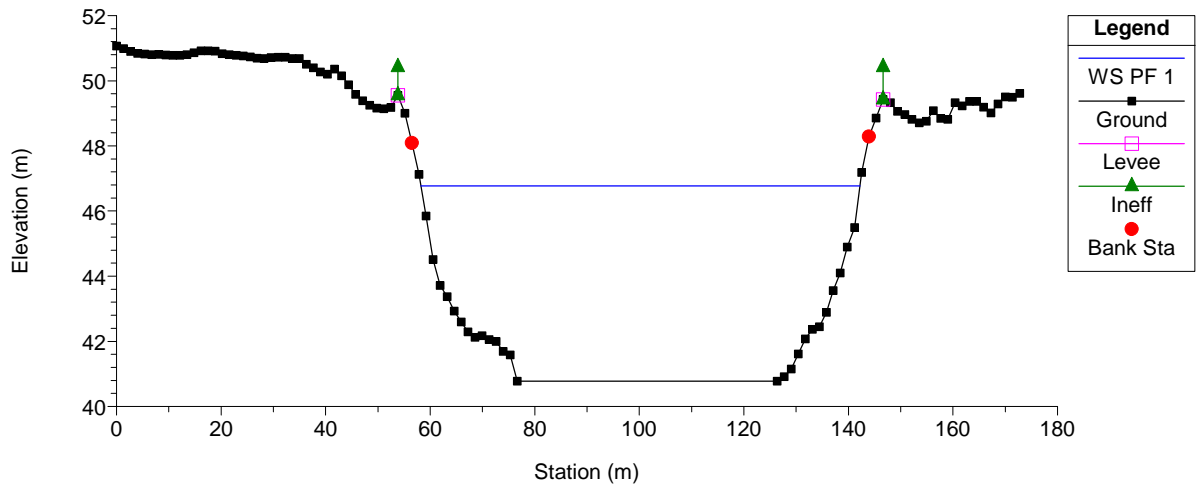
Mod_Vallefoglia_06_08_2018 Plan: 1) Plan 05 27/08/2018
 Geom: 2018_08_06_Bassa_officiosita_Progetto
 River = Foglia Reach = Foglia RS = 2345 IS Briglia



Mod_Vallefoglia_06_08_2018 Plan: 1) Plan 05 27/08/2018
 Geom: 2018_08_06_Bassa_officiosita_Progetto
 River = Foglia Reach = Foglia RS = 2340 Sezione DTM 01084/1



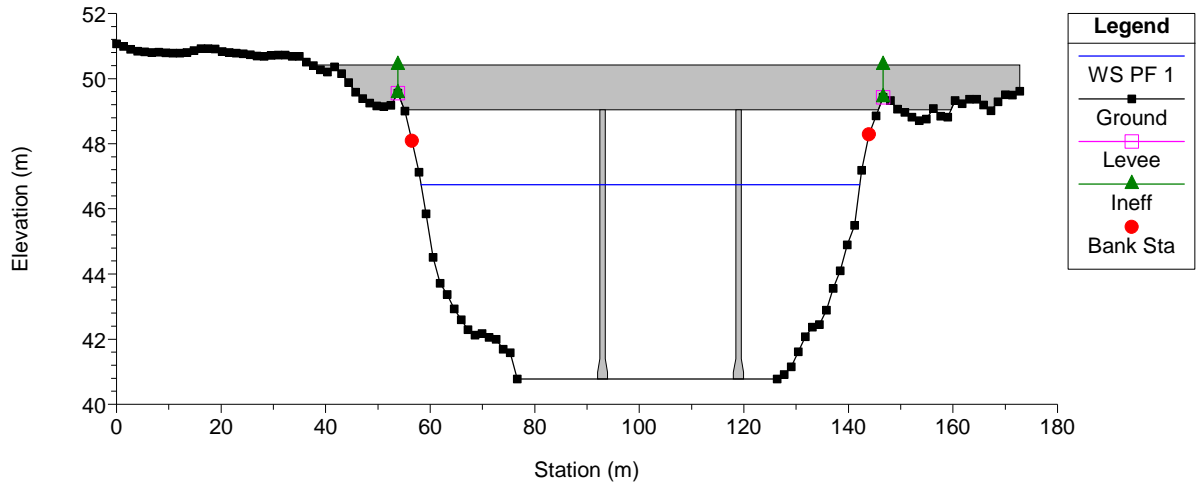
Mod_Vallefoglia_06_08_2018 Plan: 1) Plan 05 27/08/2018
 Geom: 2018_08_06_Bassa_officiosita_Progetto
 River = Foglia Reach = Foglia RS = 2330 Sezione DTM 01084/1



Mod_Vallefoglia_06_08_2018 Plan: 1) Plan 05 27/08/2018

Geom: 2018_08_06_Bassa_officiosita_Progetto

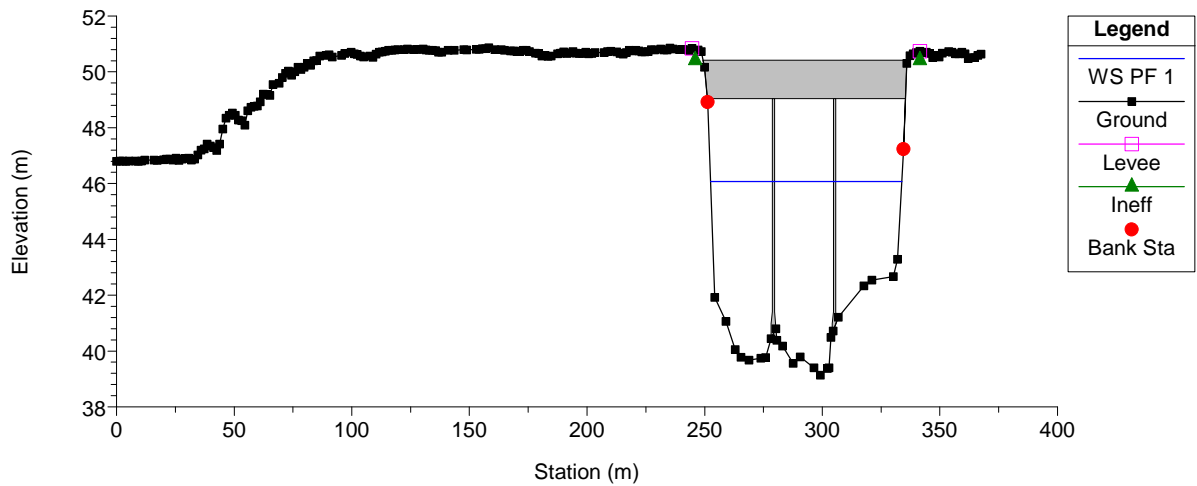
River = Foglia Reach = Foglia RS = 2328 BR Ponte



Mod_Vallefoglia_06_08_2018 Plan: 1) Plan 05 27/08/2018

Geom: 2018_08_06_Bassa_officiosita_Progetto

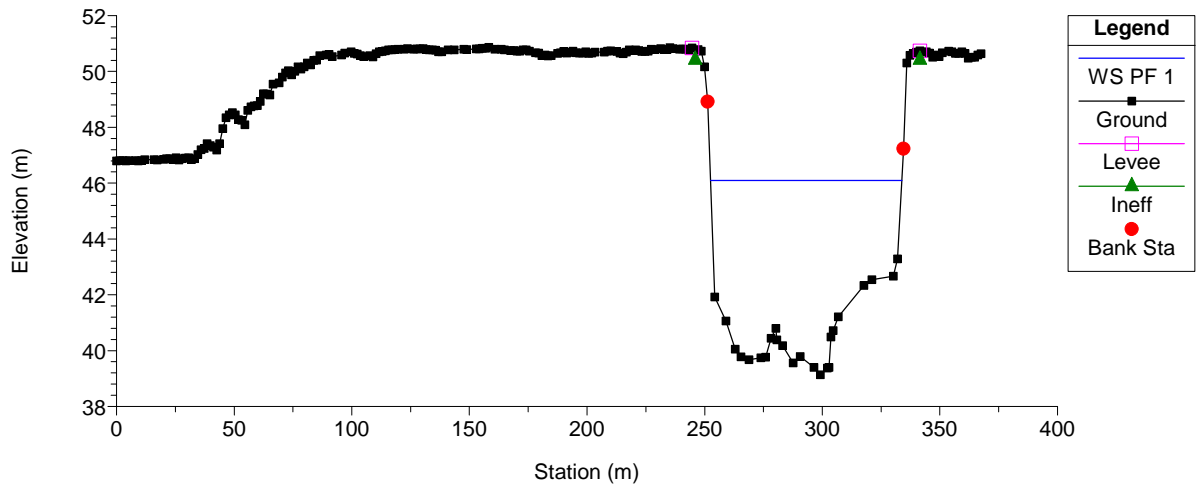
River = Foglia Reach = Foglia RS = 2328 BR Ponte



Mod_Vallefoglia_06_08_2018 Plan: 1) Plan 05 27/08/2018

Geom: 2018_08_06_Bassa_officiosita_Progetto

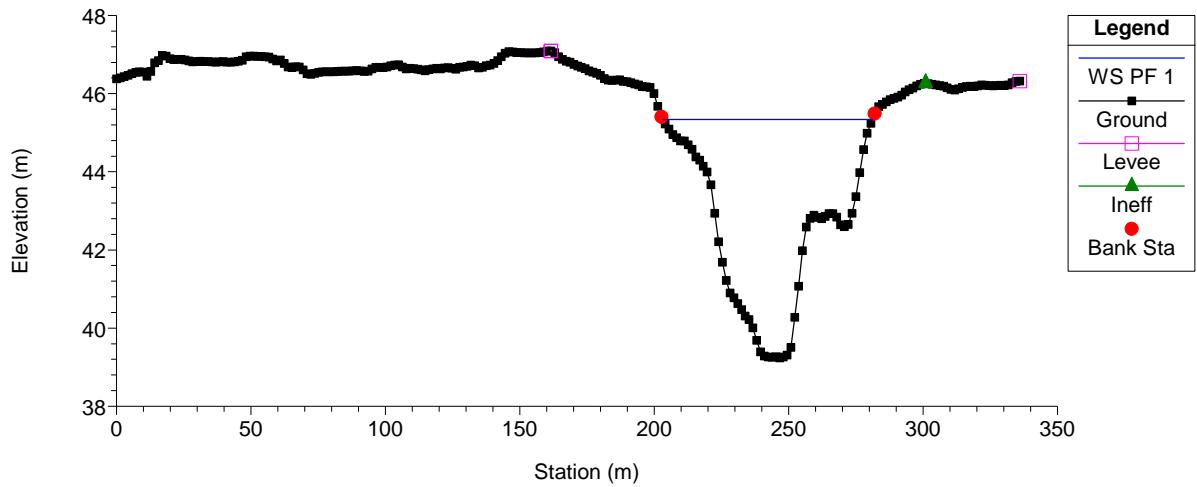
River = Foglia Reach = Foglia RS = 2326.71 Sezione Regione 01084



Mod_Vallefoglia_06_08_2018 Plan: 1) Plan 05 27/08/2018

Geom: 2018_08_06_Bassa_officiosita_Progetto

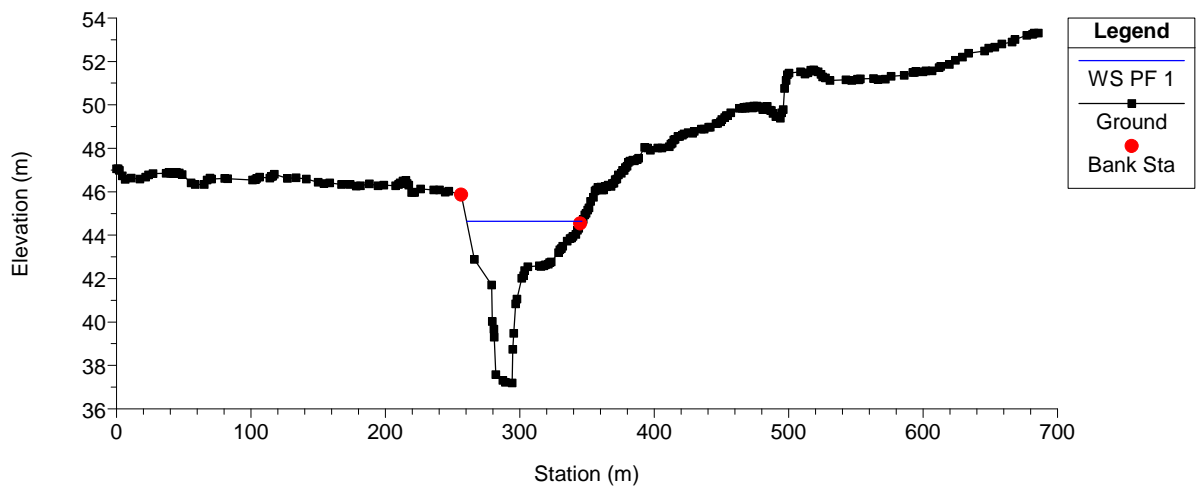
River = Foglia Reach = Foglia RS = 2282.9 Sezione DTM 01083/5



Mod_Vallefoglia_06_08_2018 Plan: 1) Plan 05 27/08/2018

Geom: 2018_08_06_Bassa_officiosita_Progetto

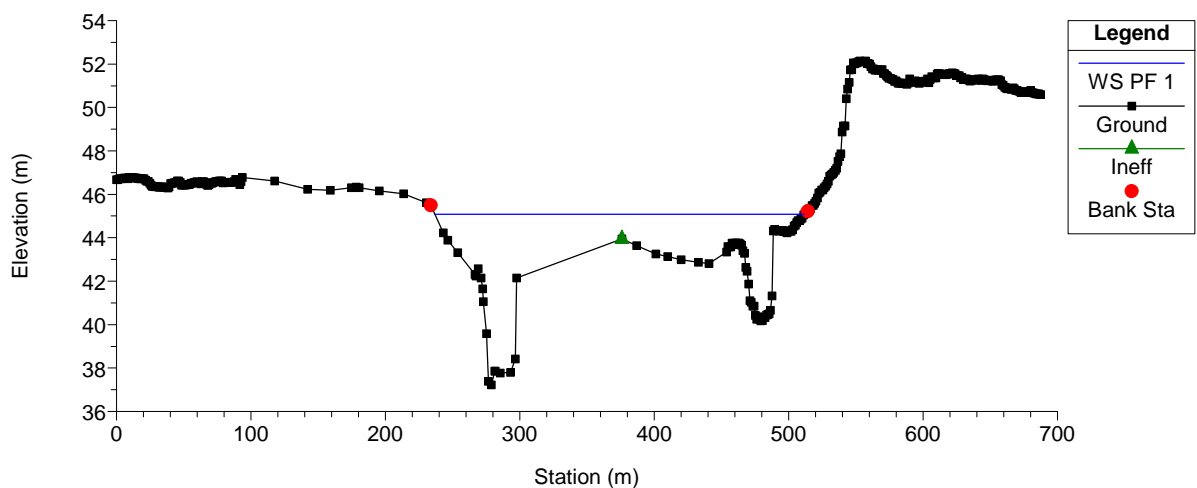
River = Foglia Reach = Foglia RS = 2120.29 Sezione Regione 01083



Mod_Vallefoglia_06_08_2018 Plan: 1) Plan 05 27/08/2018

Geom: 2018_08_06_Bassa_officiosita_Progetto

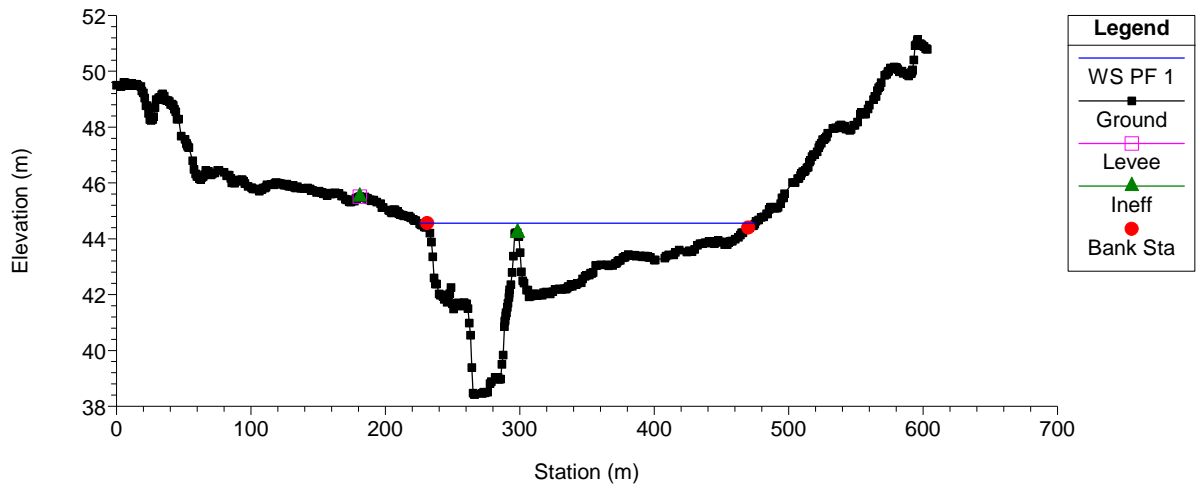
River = Foglia Reach = Foglia RS = 2067.33 Sezione Regione 01082



Mod_Vallefoglia_06_08_2018 Plan: 1) Plan 05 27/08/2018

Geom: 2018_08_06_Bassa_officiosita_Progetto

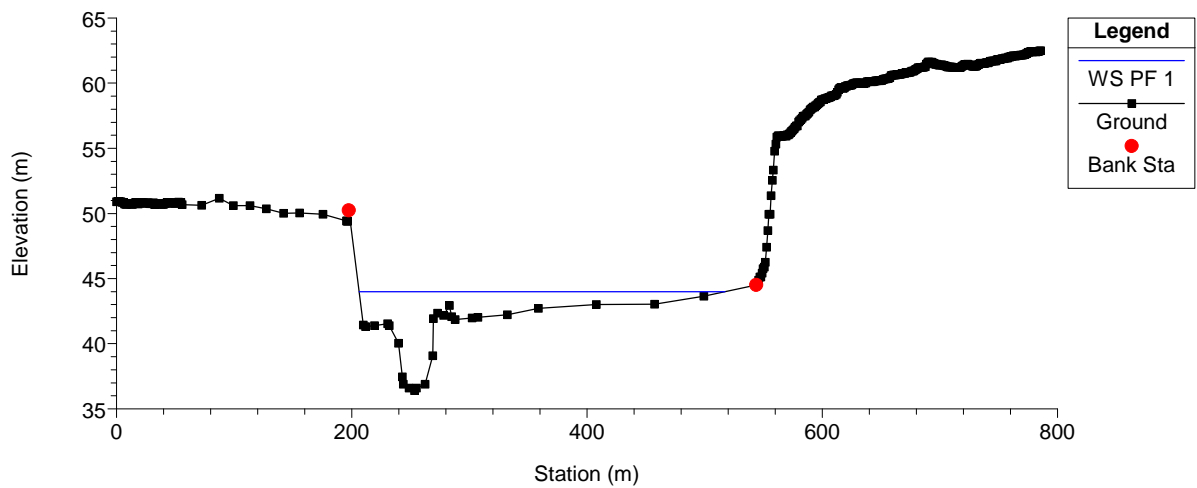
River = Foglia Reach = Foglia RS = 1858.19 Sezione DTM 01081/5



Mod_Vallefoglia_06_08_2018 Plan: 1) Plan 05 27/08/2018

Geom: 2018_08_06_Bassa_officiosita_Progetto

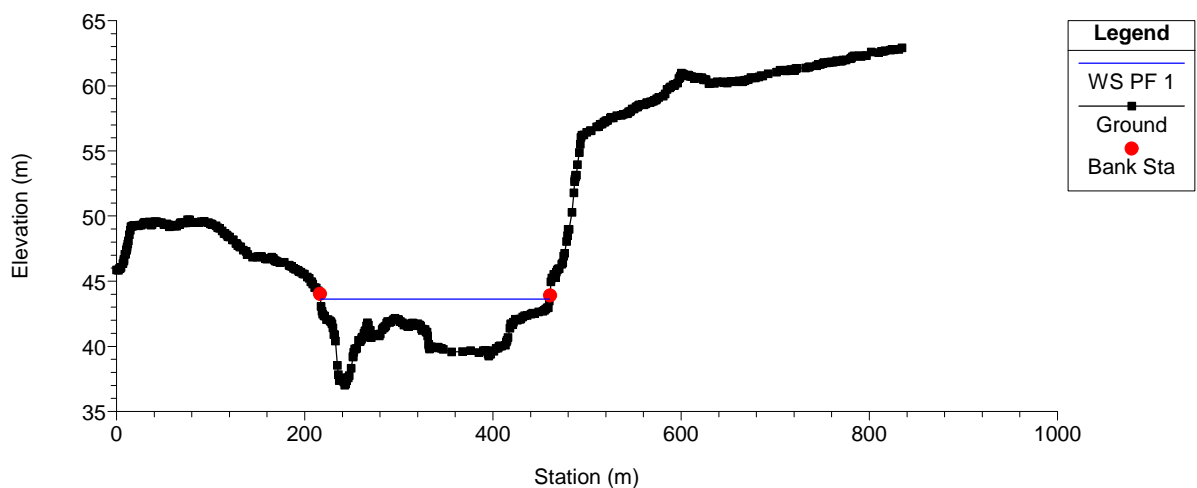
River = Foglia Reach = Foglia RS = 1743.09 Sezione Regione 01081



Mod_Vallefoglia_06_08_2018 Plan: 1) Plan 05 27/08/2018

Geom: 2018_08_06_Bassa_officiosita_Progetto

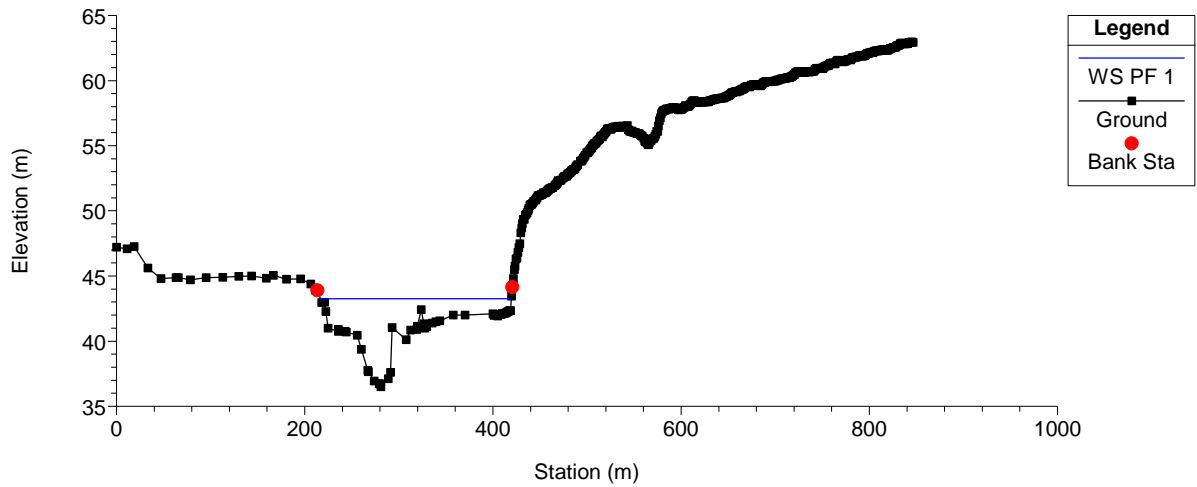
River = Foglia Reach = Foglia RS = 1587.51 Sezione DTM 01080/5



Mod_Vallefoglia_06_08_2018 Plan: 1) Plan 05 27/08/2018

Geom: 2018_08_06_Bassa_officiosita_Progetto

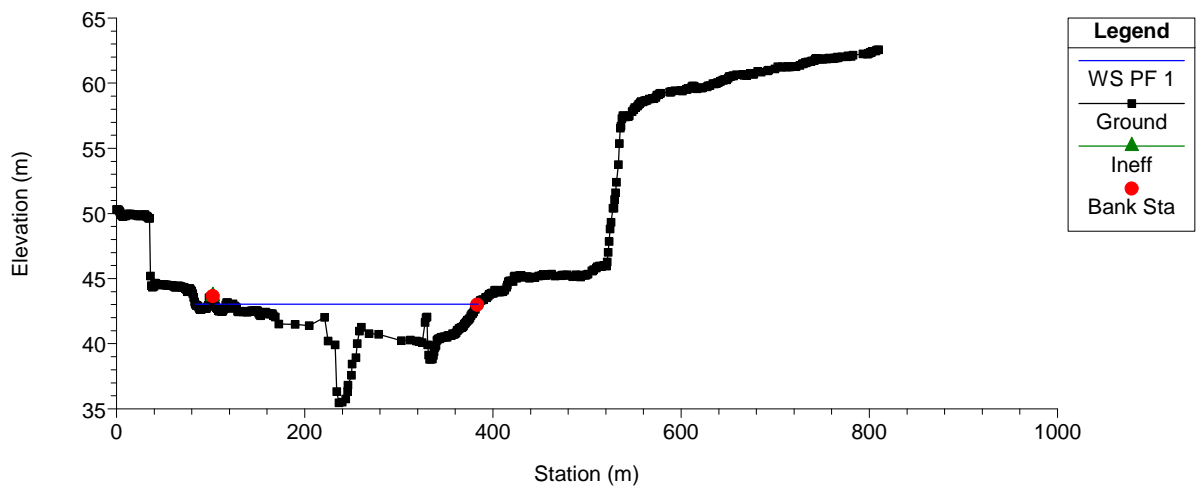
River = Foglia Reach = Foglia RS = 1415.04 Sezione Regione 01080



Mod_Vallefoglia_06_08_2018 Plan: 1) Plan 05 27/08/2018

Geom: 2018_08_06_Bassa_officiosita_Progetto

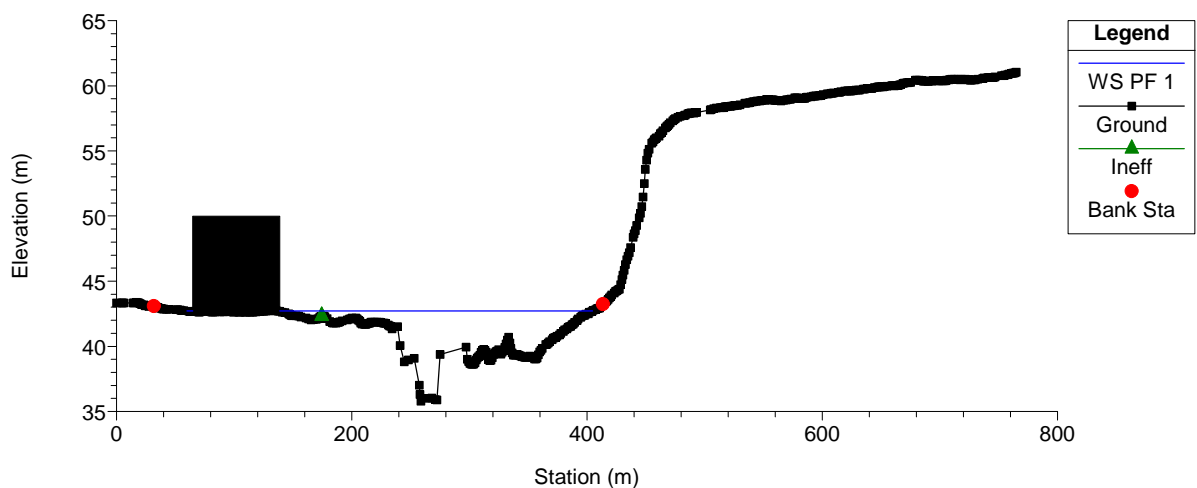
River = Foglia Reach = Foglia RS = 1242.69 Sezione Regione 01079



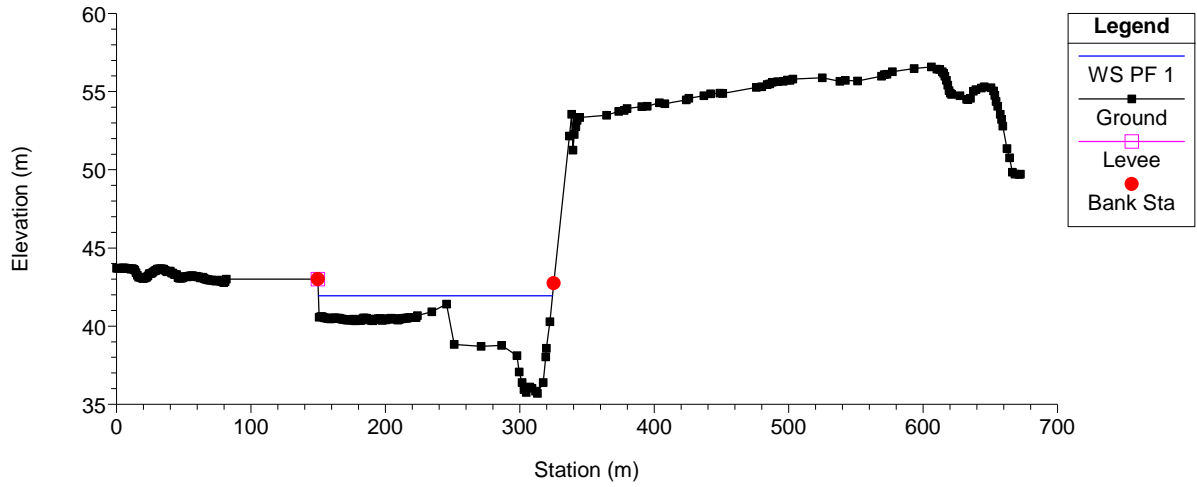
Mod_Vallefoglia_06_08_2018 Plan: 1) Plan 05 27/08/2018

Geom: 2018_08_06_Bassa_officiosita_Progetto

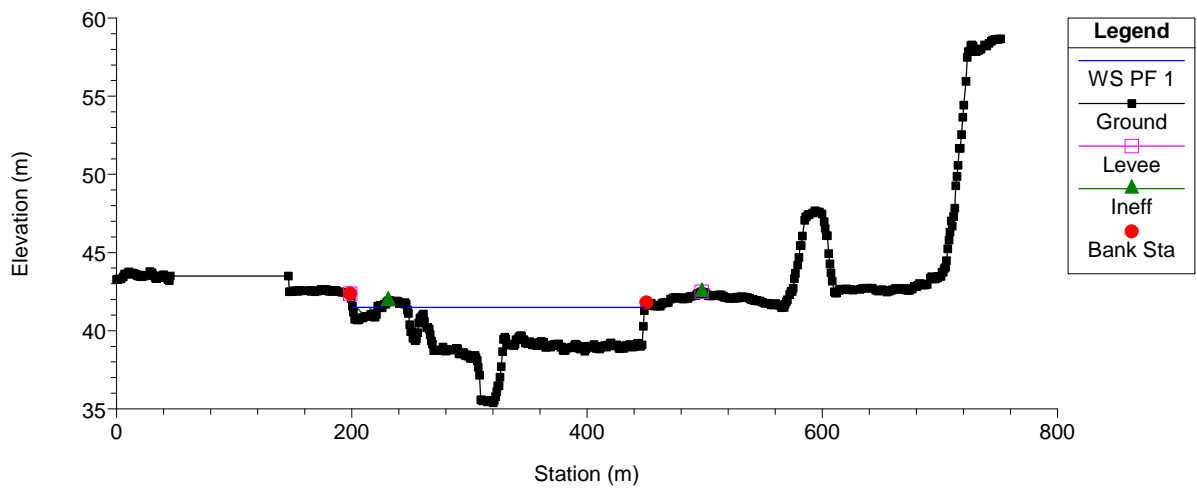
River = Foglia Reach = Foglia RS = 1000.25 Sezione Regione 01078



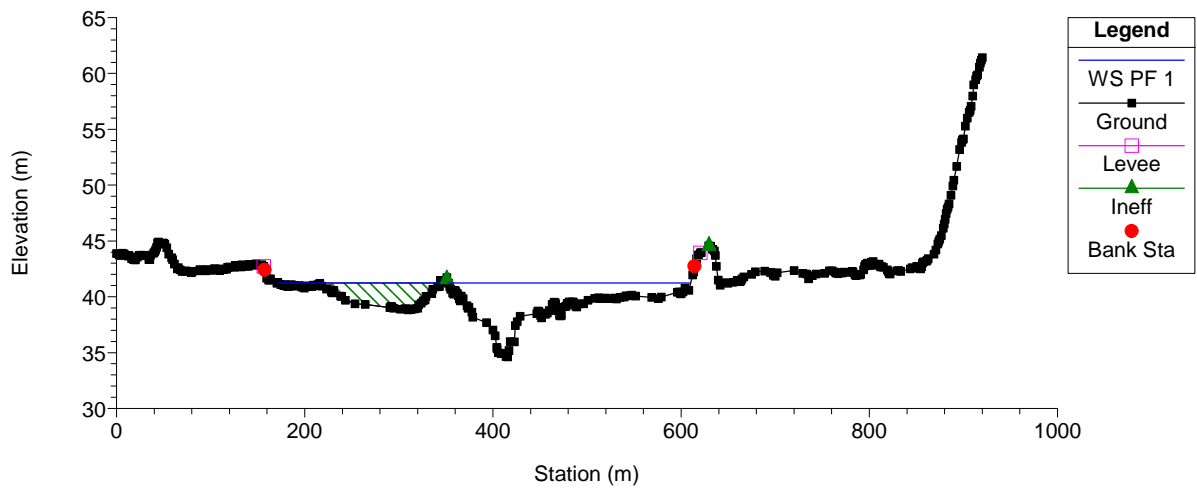
Mod_Vallefoglia_06_08_2018 Plan: 1) Plan 05 27/08/2018
 Geom: 2018_08_06_Bassa_officiosita_Progetto
 River = Foglia Reach = Foglia RS = 768.43 Sezione Regione 01077



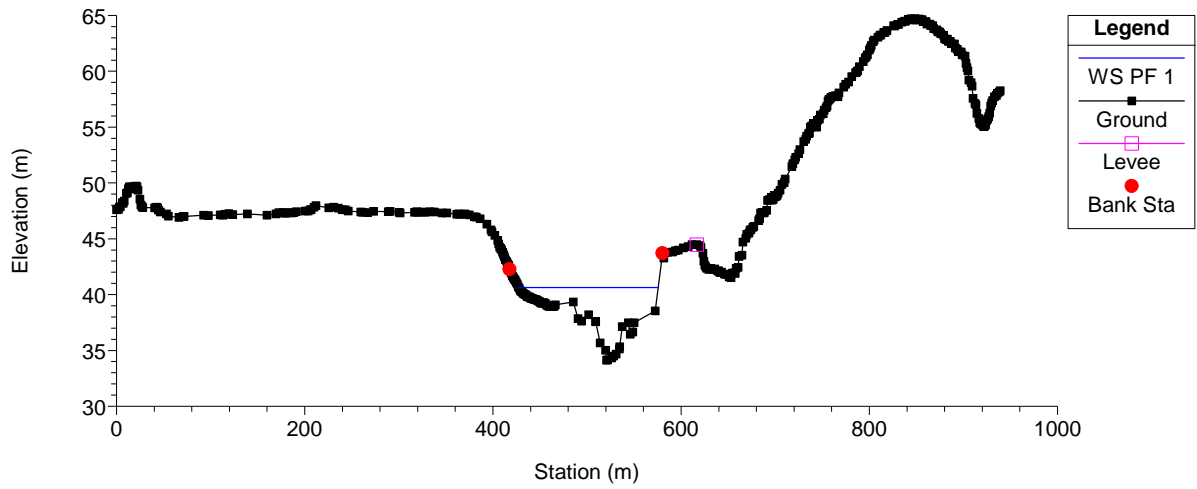
Mod_Vallefoglia_06_08_2018 Plan: 1) Plan 05 27/08/2018
 Geom: 2018_08_06_Bassa_officiosita_Progetto
 River = Foglia Reach = Foglia RS = 622.27 Sezione DTM 01076/5



Mod_Vallefoglia_06_08_2018 Plan: 1) Plan 05 27/08/2018
 Geom: 2018_08_06_Bassa_officiosita_Progetto
 River = Foglia Reach = Foglia RS = 459.85 Sezione Regione 01076



Mod_Vallefoglia_06_08_2018 Plan: 1) Plan 05 27/08/2018
Geom: 2018_08_06_Bassa_officiosita_Progetto
River = Foglia Reach = Foglia RS = 228.89 Sezione Regione 01075



Mod_Vallefoglia_06_08_2018 Plan: 1) Plan 05 27/08/2018
Geom: 2018_08_06_Bassa_officiosita_Progetto
River = Foglia Reach = Foglia RS = 29.76 Sezione Regione 01074

