

# COMUNE DI FOLIGNO

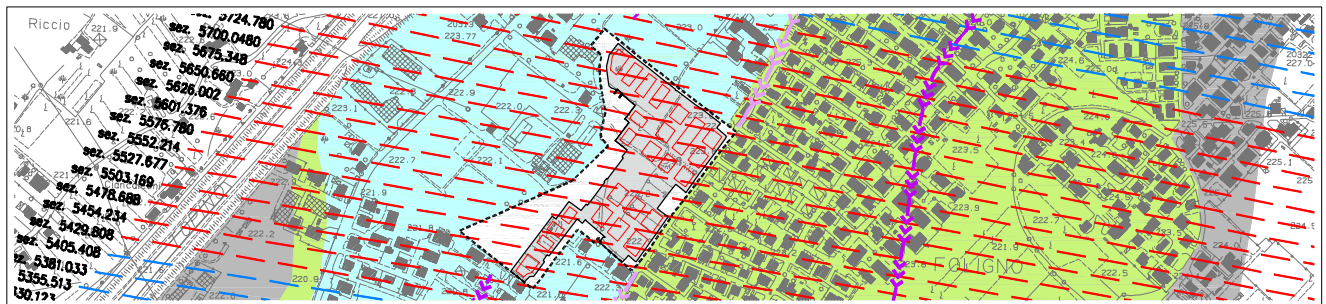
Provincia di PERUGIA

Piano Attuativo dell'Ambito di strutturazione urbana UT/SUDV n. 14 "Marchisielli"

## STUDIO IDRAULICO

ai sensi dell'art. 71 sexies della Variante N. 4 alle N.T.A.

[Delib. n. 80 del 17/07/2006] del PRG '97 del Comune di Foligno



Committente

**Ribes Costruzioni s.n.c. & M.G. Immobiliare s.r.l.**

## ALLEGATO A

*Outputs grafico-numeriche modellazione idraulica extra-alveo F. Topino pre e post P. A.*

ELABORATO: **D02**



**iIDeA** di A. Bastianacci e L. Castellani

Sede legale : via E. Boni, 19 - 59100 Prato | P.I. e C.F. 01795500972

Studio: viale Plave, 20/c - 59100 PRATO | Tel & Fax 0574 33397 | www.IIdea.It | IIdea@IIdea.It

IL PROGETTISTA:

ing. Lorenzo Castellani

IL CONSULENTE:

ing. Vincenzo Giovannini

REVISIONE	DESCRIZIONE	DATA
A	PRIMA EMISSIONE	AGOSTO 2007

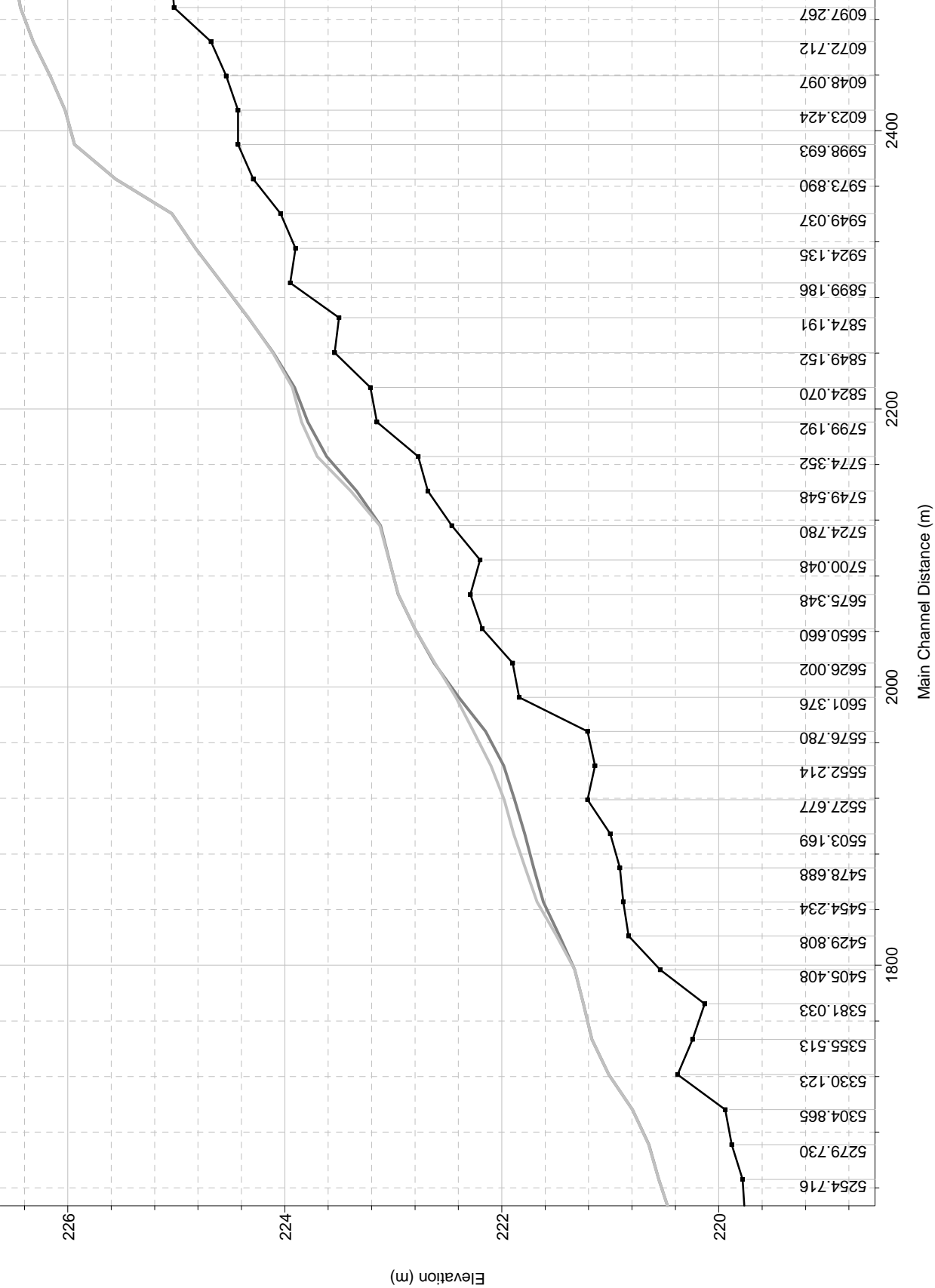
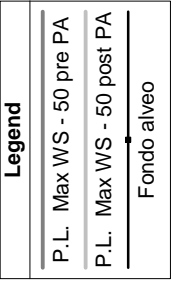
OUTPUT GRAFICO-NUMERICO DELLA MODELLAZIONE IDRAULICA DELLA  
CORRENTE IN ESONDAZIONE DAL **F. TOPINO A FOLIGNO LATO SX**  
PER TR=50 ANNI NELLO **STATO PRE E POST P.A. "MARCHISIELLI"**

Tratto	Sezioni	Tr
E_FMTPN_SX1 MONTE	5998.693 ÷ 5330.123	50 <i>anni</i>

LEGENDA:

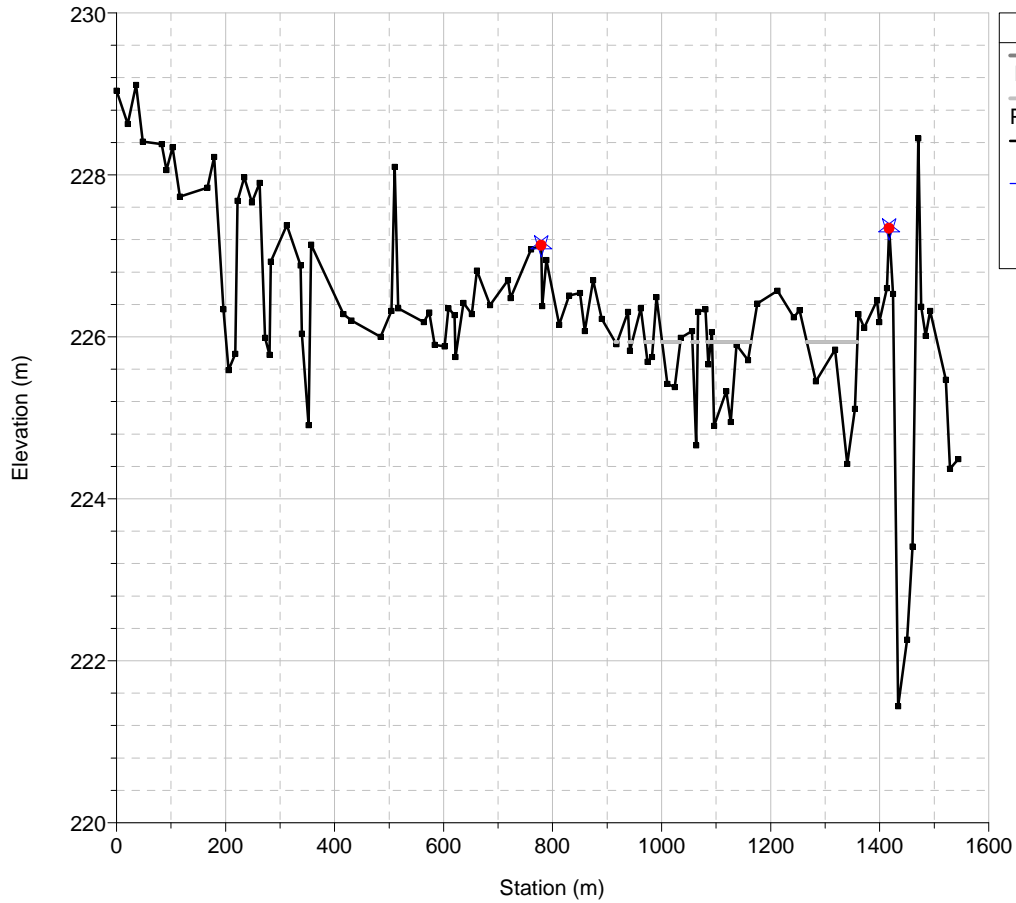
Codice	Significato	U.M.
EG Elev.	Carico totale	<i>m s.l.m.</i>
P.L. o W.S.	Pelo libero	<i>m s.l.m.</i>
Crit. W.S.	Altezza critica della corrente	<i>m s.l.m.</i>
Vel.	Velocità della corrente	<i>m/s</i>

E\_FMTPN\_SX1 Plan: 1) 50 pre PA 2) 50 post PA



Reach	River Sta	Plan	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
MONTE	5998.693	50 pre PA	27.15	224.43	225.94	225.22	225.94	0.001767	0.25	109.00	238.14	0.12
MONTE	5998.693	50 post PA	27.16	224.43	225.94	225.22	225.94	0.001774	0.25	108.85	237.93	0.12
MONTE	5973.890	50 pre PA	27.15	224.29	225.56	225.14	225.59	0.027568	0.75	36.08	117.96	0.43
MONTE	5973.890	50 post PA	27.15	224.29	225.56	225.14	225.59	0.027576	0.75	36.08	117.96	0.43
MONTE	5949.037	50 pre PA	27.15	224.04	225.04	224.62	225.08	0.014047	0.83	32.59	55.13	0.35
MONTE	5949.037	50 post PA	27.15	224.04	225.04	224.63	225.08	0.014051	0.83	32.59	55.13	0.35
MONTE	5924.135	50 pre PA	27.14	223.90	224.82	224.36	224.83	0.005509	0.40	68.63	176.16	0.20
MONTE	5924.135	50 post PA	27.15	223.90	224.82	224.36	224.83	0.005511	0.40	68.63	176.16	0.20
MONTE	5899.186	50 pre PA	27.14	223.95	224.58	224.35	224.59	0.013788	0.50	54.13	193.79	0.30
MONTE	5899.186	50 post PA	27.15	223.95	224.58	224.35	224.59	0.013836	0.50	54.07	193.72	0.30
MONTE	5874.191	50 pre PA	27.14	223.50	224.34	224.03	224.34	0.006589	0.38	71.32	221.97	0.21
MONTE	5874.191	50 post PA	27.15	223.50	224.34	224.03	224.34	0.006692	0.38	70.98	221.86	0.22
MONTE	5849.152	50 pre PA	27.14	223.54	224.11	223.89	224.12	0.011993	0.47	57.40	202.23	0.28
MONTE	5849.152	50 post PA	27.14	223.54	224.11	223.90	224.12	0.011407	0.46	58.38	203.21	0.28
MONTE	5824.070	50 pre PA	27.14	223.21	223.91	223.61	223.92	0.004202	0.33	83.36	234.17	0.17
MONTE	5824.070	50 post PA	27.14	223.21	223.93	223.61	223.94	0.003527	0.31	88.24	236.63	0.16
MONTE	5799.192	50 pre PA	27.13	223.15	223.79	223.48	223.79	0.005672	0.34	78.88	255.45	0.20
MONTE	5799.192	50 post PA	27.14	223.15	223.85	223.48	223.85	0.003412	0.29	93.78	268.89	0.16
MONTE	5774.352	50 pre PA	27.13	222.77	223.61	223.36	223.62	0.008565	0.38	71.37	270.69	0.24
MONTE	5774.352	50 post PA	27.13	222.77	223.70	223.43	223.71	0.007944	0.40	67.13	218.90	0.23
MONTE	5749.548	50 pre PA	27.13	222.68	223.34	223.14	223.35	0.013560	0.45	60.37	251.73	0.29
MONTE	5749.548	50 post PA	27.13	222.68	223.39	223.19	223.40	0.016844	0.51	52.85	212.32	0.33
MONTE	5724.780	50 pre PA	27.13	222.46	223.12	222.79	223.12	0.004822	0.32	85.30	274.92	0.18
MONTE	5724.780	50 post PA	27.13	222.46	223.12	222.79	223.13	0.005300	0.38	71.75	191.32	0.20
MONTE	5700.048	50 pre PA	27.12	222.20	223.04	222.55	223.04	0.001851	0.23	119.74	313.33	0.12
MONTE	5700.048	50 post PA	27.13	222.20	223.04	222.55	223.04	0.001924	0.25	106.94	243.11	0.12
MONTE	5675.348	50 pre PA	27.12	222.29	222.95	222.67	222.96	0.004846	0.29	93.13	344.17	0.18
MONTE	5675.348	50 post PA	27.13	222.29	222.95	222.67	222.96	0.004829	0.32	85.79	279.37	0.18
MONTE	5650.660	50 pre PA	27.11	222.18	222.80	222.54	222.81	0.007452	0.37	73.84	265.94	0.22
MONTE	5650.660	50 post PA	27.12	222.18	222.80	222.54	222.81	0.007453	0.37	73.26	260.64	0.22
MONTE	5626.002	50 pre PA	27.11	221.90	222.62	222.40	222.63	0.007337	0.35	77.98	301.50	0.22
MONTE	5626.002	50 post PA	27.12	221.90	222.62	222.40	222.62	0.007808	0.35	76.42	300.12	0.22
MONTE	5601.376	50 pre PA	27.10	221.84	222.40	222.21	222.40	0.010913	0.40	67.00	277.92	0.26
MONTE	5601.376	50 post PA	27.12	221.84	222.42	222.21	222.43	0.007998	0.39	70.14	246.48	0.23
MONTE	5576.780	50 pre PA	27.10	221.21	222.15	221.79	222.16	0.009212	0.42	64.28	220.40	0.25
MONTE	5576.780	50 post PA	27.12	221.21	222.26	221.80	222.27	0.005248	0.34	78.87	240.10	0.19
MONTE	5552.214	50 pre PA	27.10	221.14	221.98	221.58	221.99	0.004617	0.37	73.30	182.31	0.19
MONTE	5552.214	50 post PA	27.11	221.14	222.10	221.65	222.11	0.007653	0.41	65.59	200.70	0.23
MONTE	5527.677	50 pre PA	27.09	221.21	221.88	221.56	221.89	0.003876	0.28	96.79	320.92	0.16
MONTE	5527.677	50 post PA	27.11	221.21	221.98	221.57	221.98	0.002916	0.27	100.31	282.72	0.14
MONTE	5503.169	50 pre PA	27.09	221.00	221.79	221.34	221.79	0.003630	0.33	83.30	210.01	0.16
MONTE	5503.169	50 post PA	27.11	221.00	221.89	221.38	221.90	0.003855	0.34	79.20	192.65	0.17
MONTE	5478.688	50 pre PA	27.09	220.91	221.71	221.25	221.71	0.003283	0.30	90.33	238.46	0.16
MONTE	5478.688	50 post PA	27.10	220.91	221.78	221.38	221.79	0.004924	0.35	78.02	222.97	0.19
MONTE	5454.234	50 pre PA	27.08	220.88	221.62	221.30	221.62	0.004057	0.32	85.72	245.18	0.17
MONTE	5454.234	50 post PA	27.10	220.88	221.68	221.32	221.68	0.003996	0.35	76.35	180.66	0.17
MONTE	5429.808	50 pre PA	27.08	220.83	221.47	221.20	221.48	0.007806	0.39	69.23	234.94	0.23
MONTE	5429.808	50 post PA	27.10	220.83	221.50	221.22	221.51	0.010274	0.47	57.63	181.95	0.27
MONTE	5405.408	50 pre PA	27.08	220.54	221.33	221.00	221.33	0.003987	0.29	94.62	309.68	0.17
MONTE	5405.408	50 post PA	27.09	220.54	221.33	221.00	221.33	0.003987	0.29	94.62	309.68	0.17
MONTE	5381.033	50 pre PA	27.07	220.13	221.25	220.91	221.25	0.002779	0.25	107.25	323.31	0.14
MONTE	5381.033	50 post PA	27.09	220.13	221.25	220.91	221.25	0.002782	0.25	107.25	323.31	0.14
MONTE	5355.513	50 pre PA	27.07	220.24	221.17	220.75	221.17	0.003217	0.24	111.54	398.31	0.15
MONTE	5355.513	50 post PA	27.08	220.24	221.17	220.75	221.17	0.003221	0.24	111.54	398.31	0.15
MONTE	5330.123	50 pre PA	27.06	220.38	221.01	220.83	221.02	0.008951	0.34	80.51	379.99	0.23
MONTE	5330.123	50 post PA	27.08	220.38	221.01	220.83	221.02	0.008961	0.34	80.51	379.99	0.23

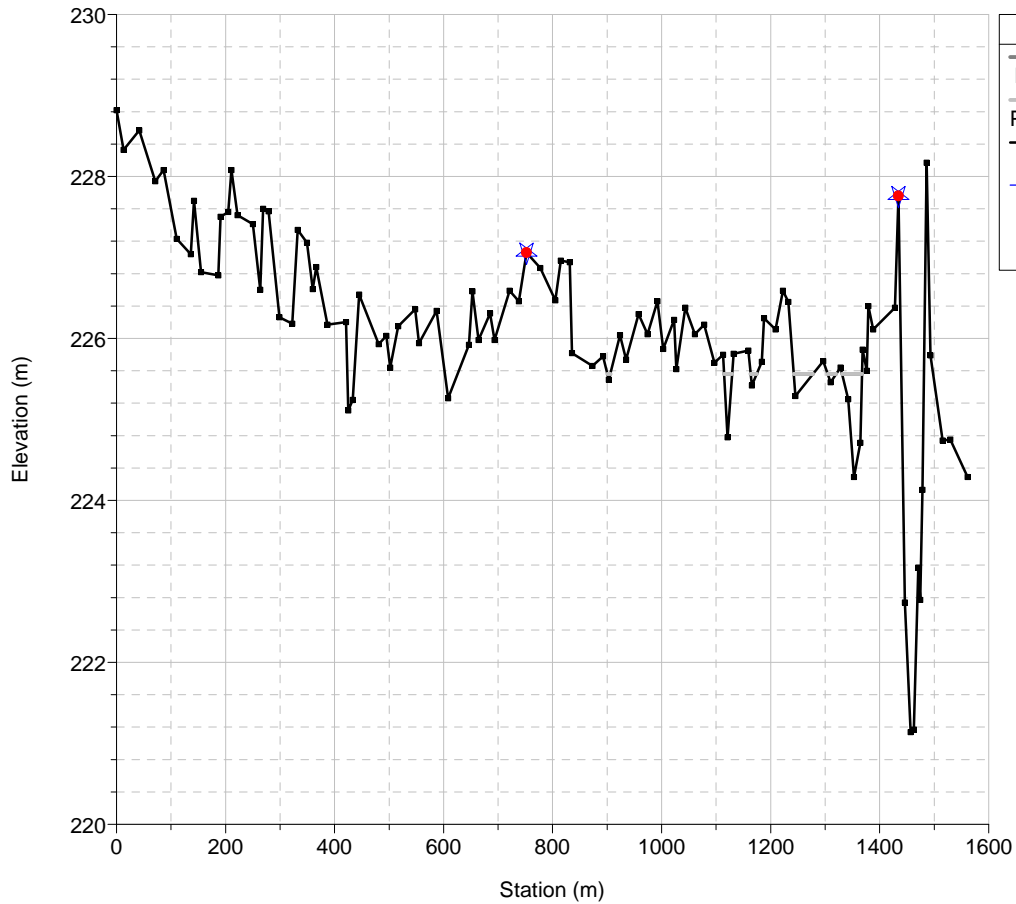
E\_FMTPN\_SX1 Plan: 1) 50 pre PA 2) 50 post PA  
River = E\_FMTPN\_SX1\_M Reach = MONTE RS = 5998.693



**Legend**

- P.L. Max WS - 50 pre PA
- P.L. Max WS - 50 post PA
- Fondo alveo
- Argine
- Alveo principale

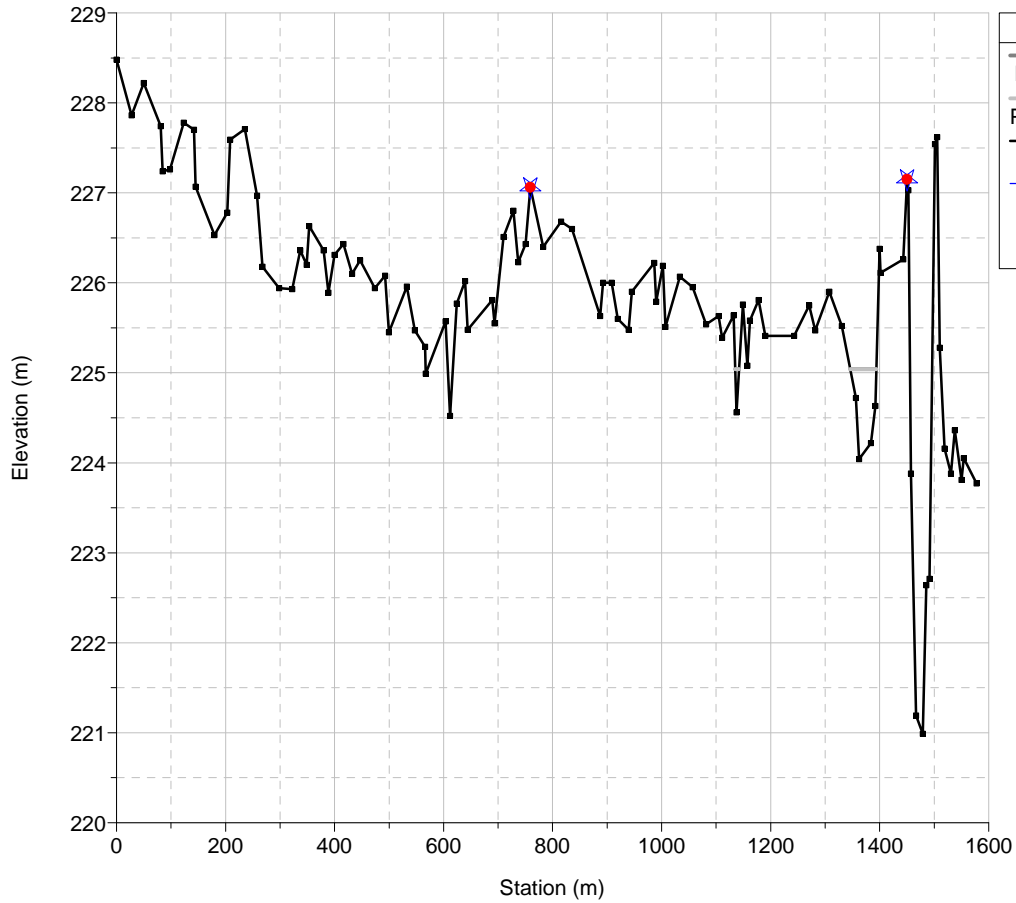
E\_FMTPN\_SX1 Plan: 1) 50 pre PA 2) 50 post PA  
River = E\_FMTPN\_SX1\_M Reach = MONTE RS = 5973.890



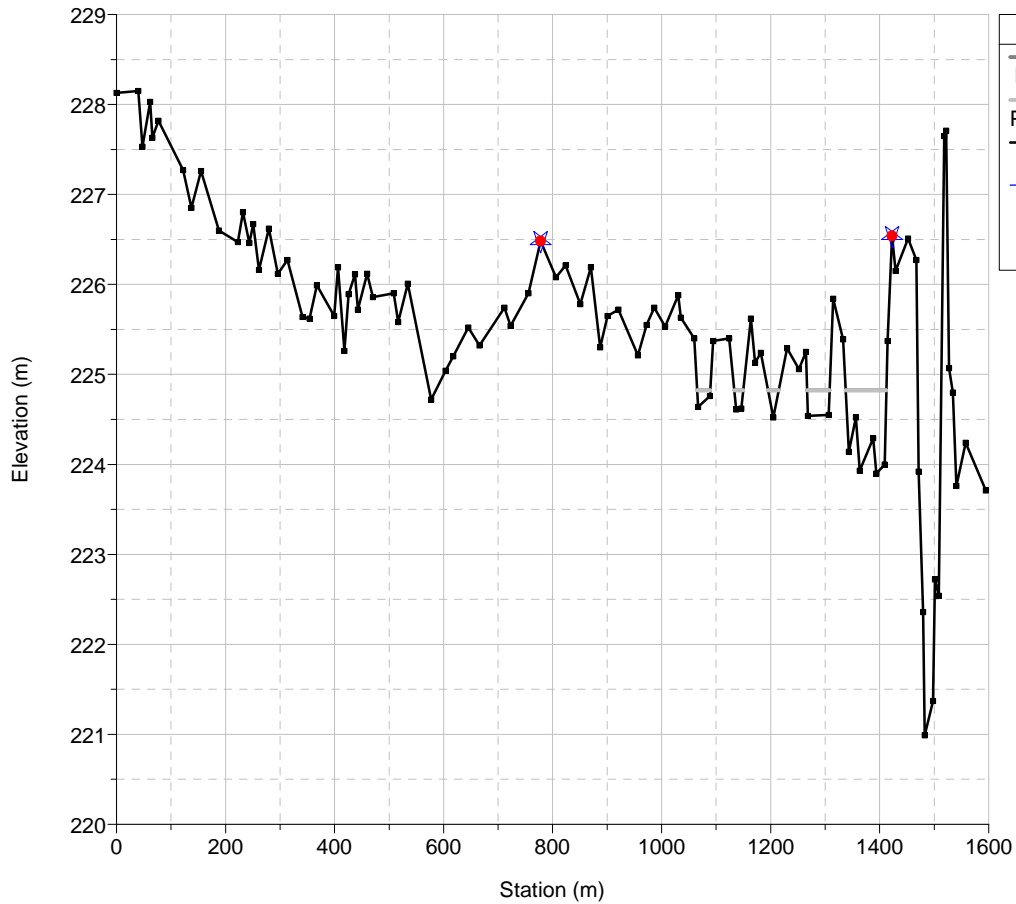
**Legend**

- P.L. Max WS - 50 pre PA
- P.L. Max WS - 50 post PA
- Fondo alveo
- Argine
- Alveo principale

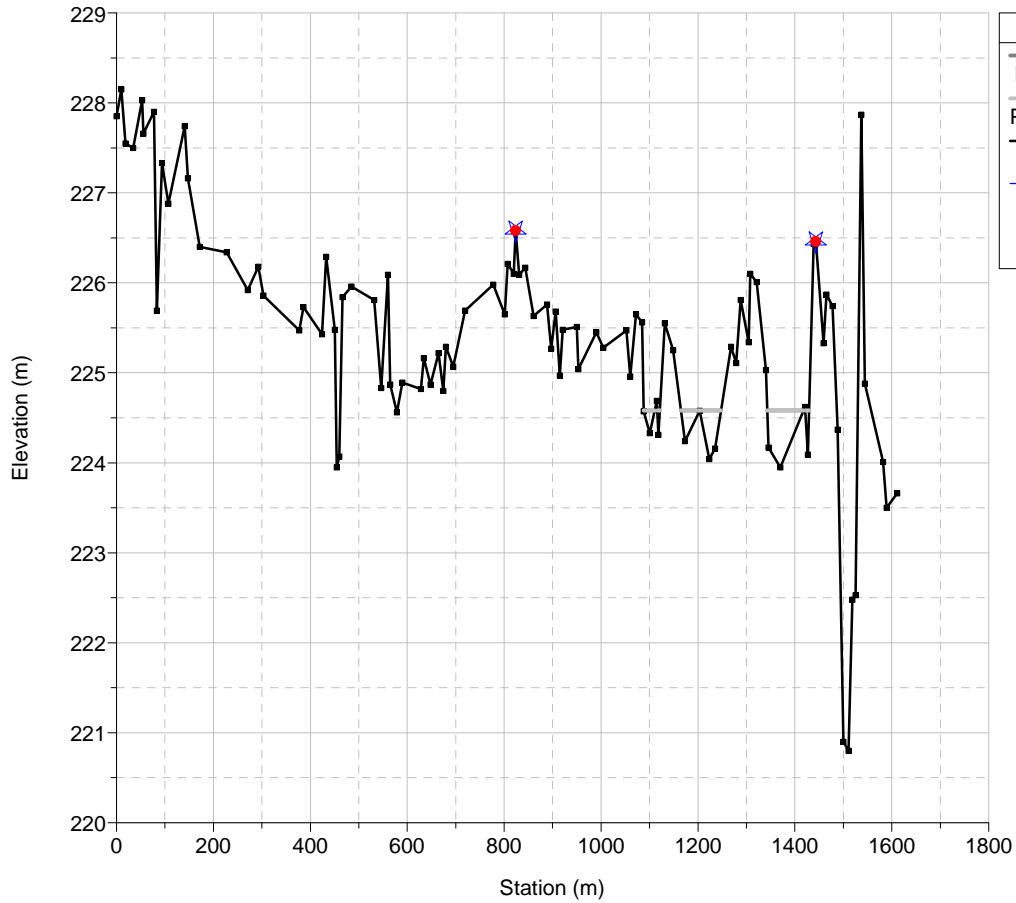
E\_FMTPN\_SX1 Plan: 1) 50 pre PA 2) 50 post PA  
River = E\_FMTPN\_SX1\_M Reach = MONTE RS = 5949.037



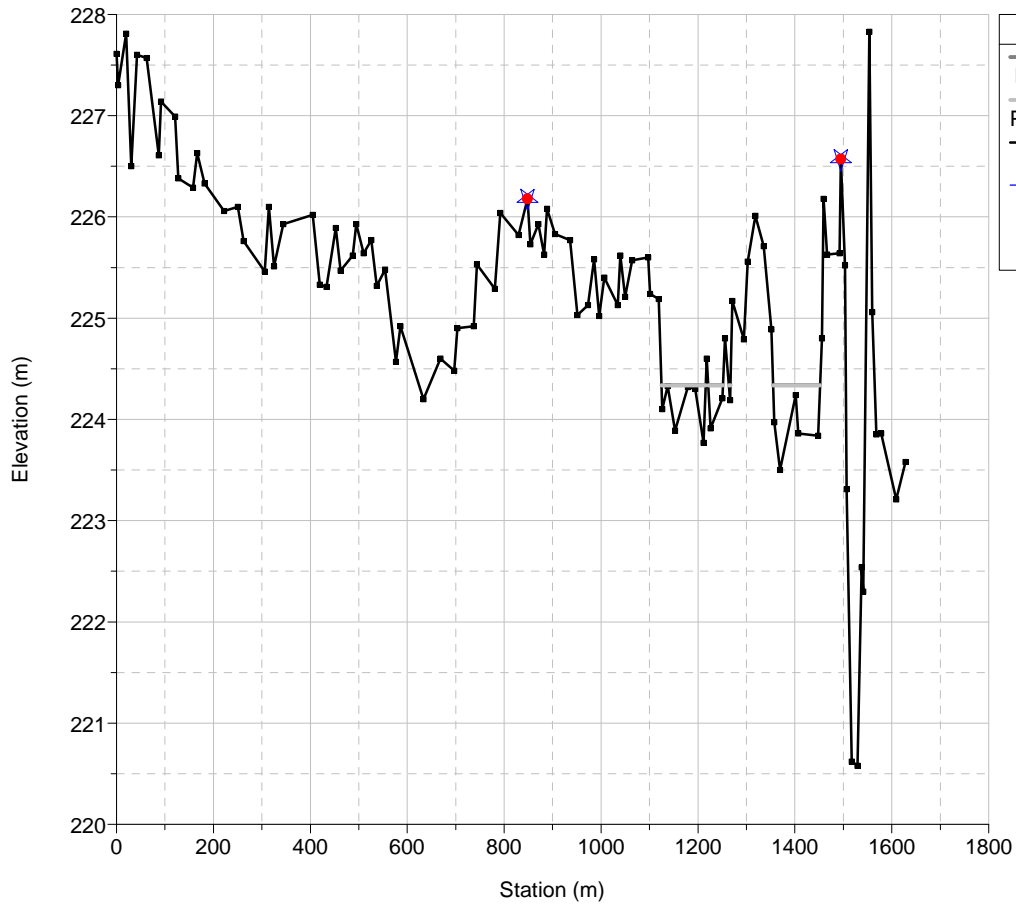
E\_FMTPN\_SX1 Plan: 1) 50 pre PA 2) 50 post PA  
River = E\_FMTPN\_SX1\_M Reach = MONTE RS = 5924.135



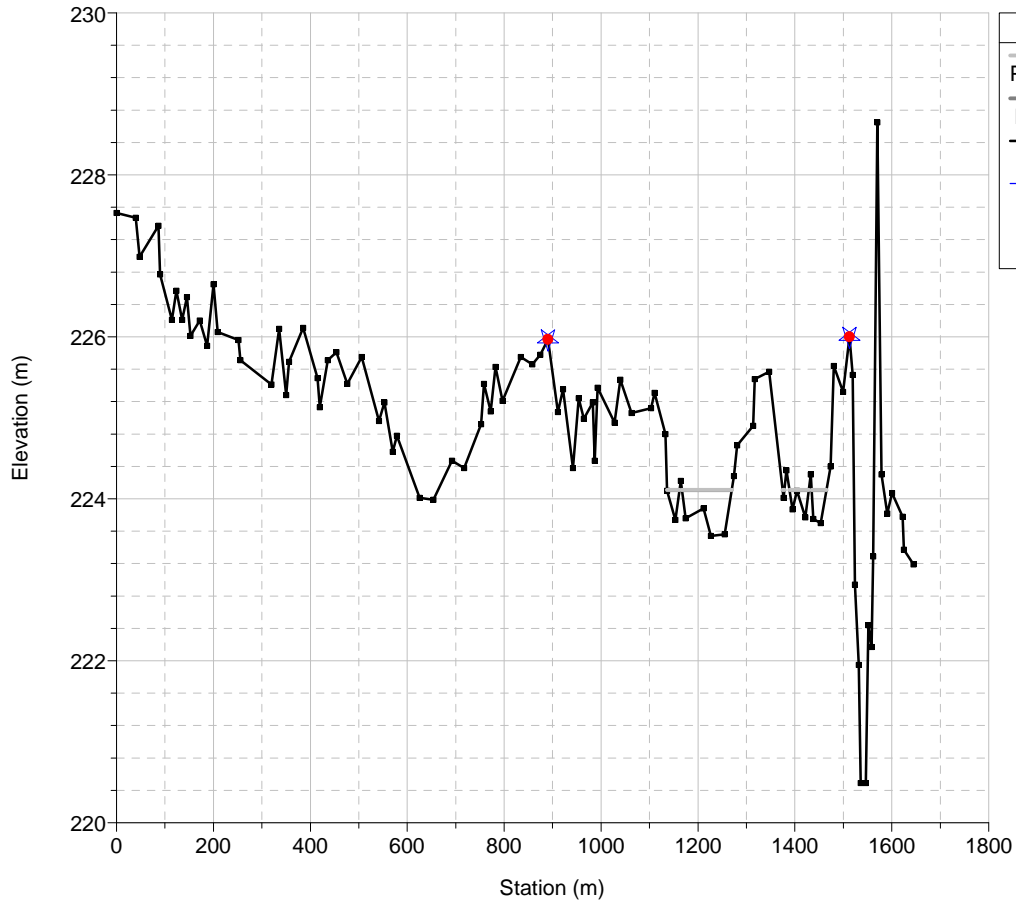
E\_FMTPN\_SX1 Plan: 1) 50 pre PA 2) 50 post PA  
River = E\_FMTPN\_SX1\_M Reach = MONTE RS = 5899.186



E\_FMTPN\_SX1 Plan: 1) 50 pre PA 2) 50 post PA  
River = E\_FMTPN\_SX1\_M Reach = MONTE RS = 5874.191

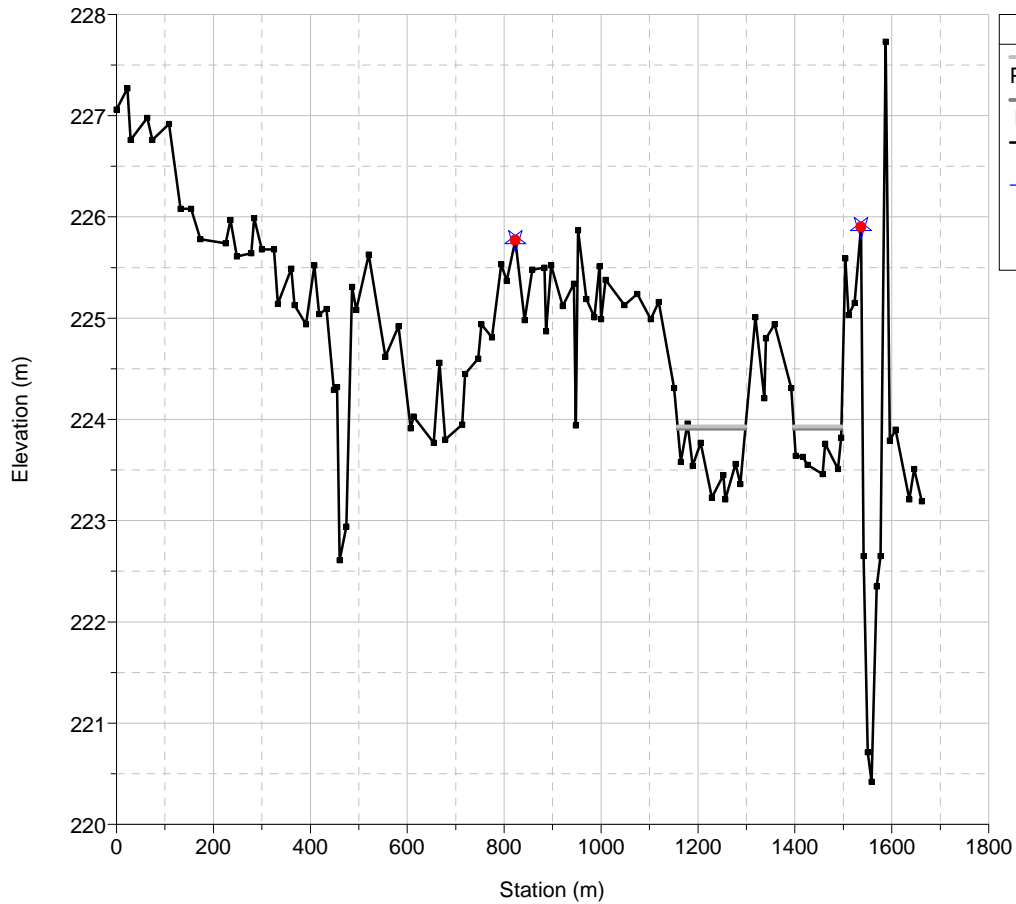


E\_FMTPN\_SX1 Plan: 1) 50 pre PA 2) 50 post PA  
River = E\_FMTPN\_SX1\_M Reach = MONTE RS = 5849.152



Legend	
—	P.L. Max WS - 50 post PA
—	P.L. Max WS - 50 pre PA
—	Fondo alveo
*	Argine
•	Alveo principale

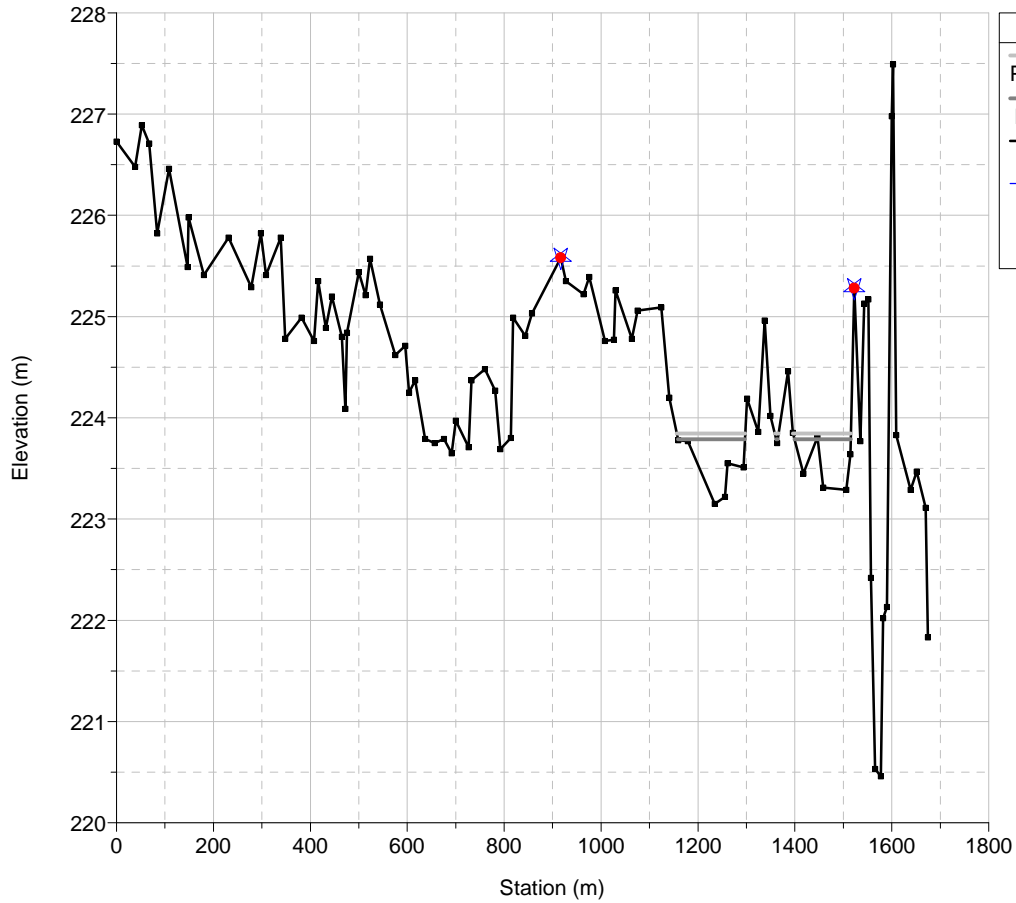
E\_FMTPN\_SX1 Plan: 1) 50 pre PA 2) 50 post PA  
River = E\_FMTPN\_SX1\_M Reach = MONTE RS = 5824.070



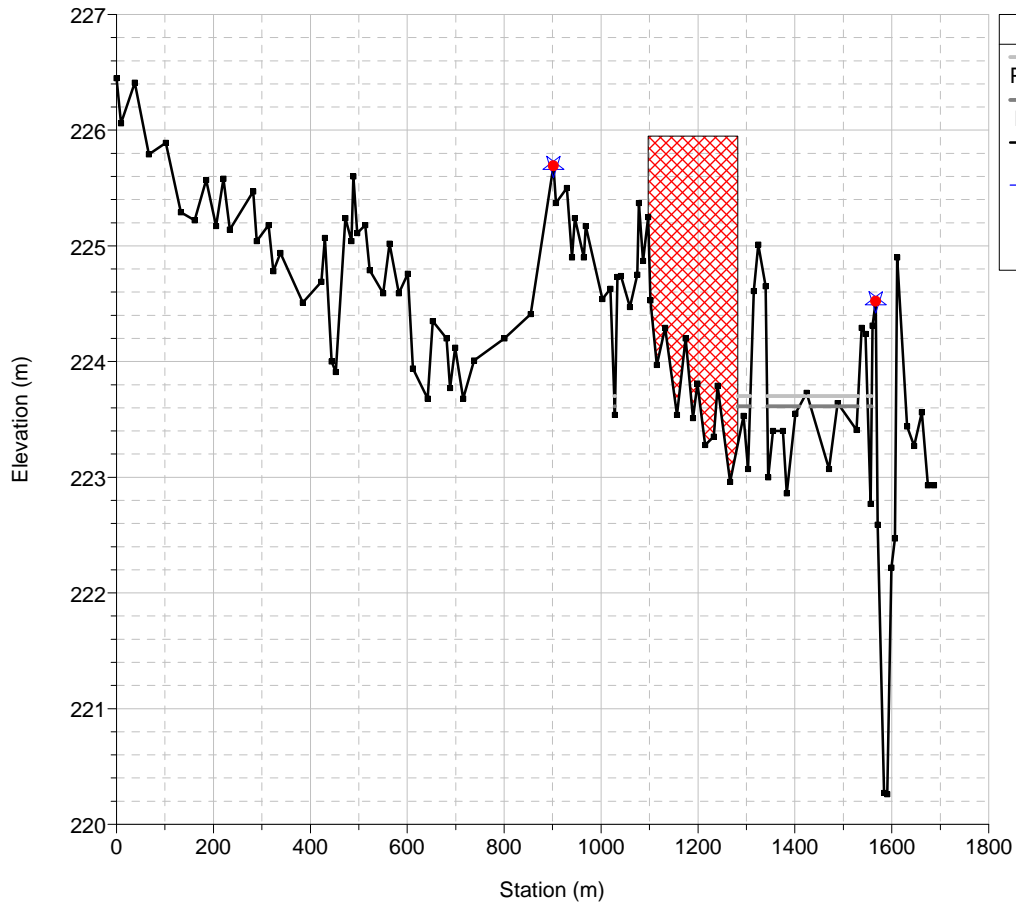
Legend	
—	P.L. Max WS - 50 post PA
—	P.L. Max WS - 50 pre PA
—	Fondo alveo
*	Argine
•	Alveo principale



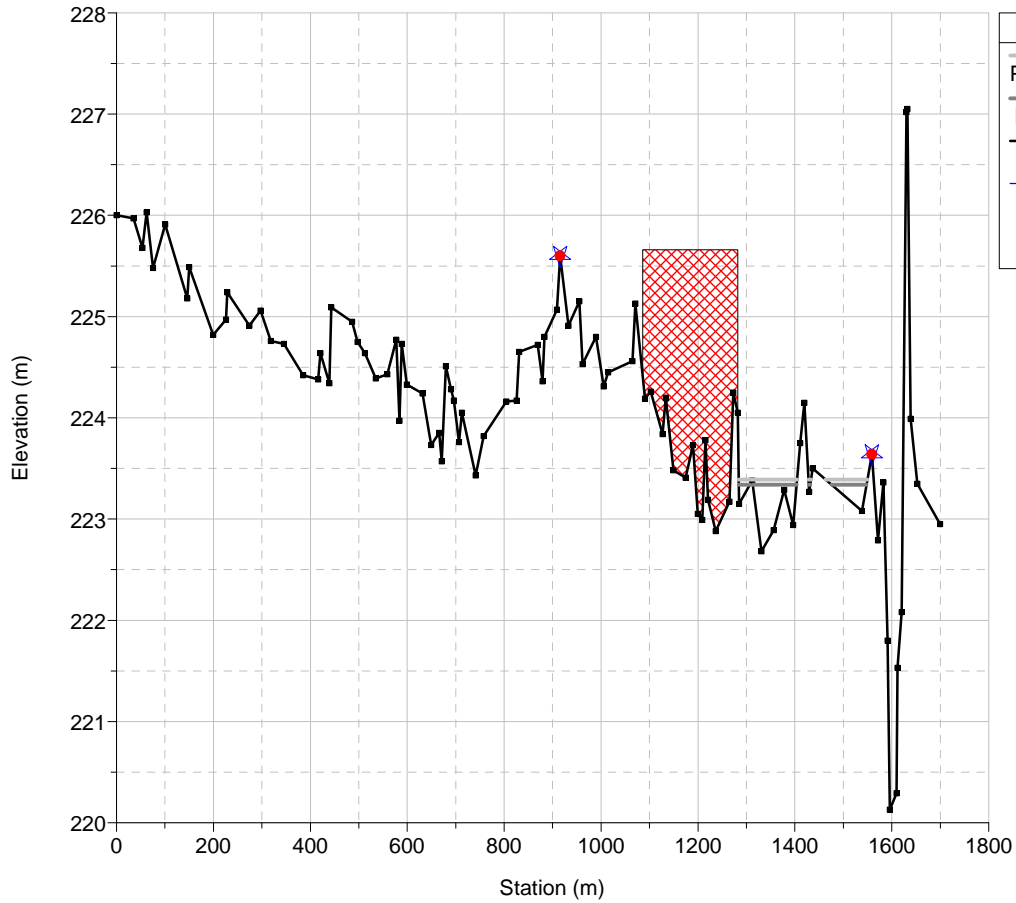
E\_FMTPN\_SX1 Plan: 1) 50 pre PA 2) 50 post PA  
River = E\_FMTPN\_SX1\_M Reach = MONTE RS = 5799.192



E\_FMTPN\_SX1 Plan: 1) 50 pre PA 2) 50 post PA  
River = E\_FMTPN\_SX1\_M Reach = MONTE RS = 5774.352



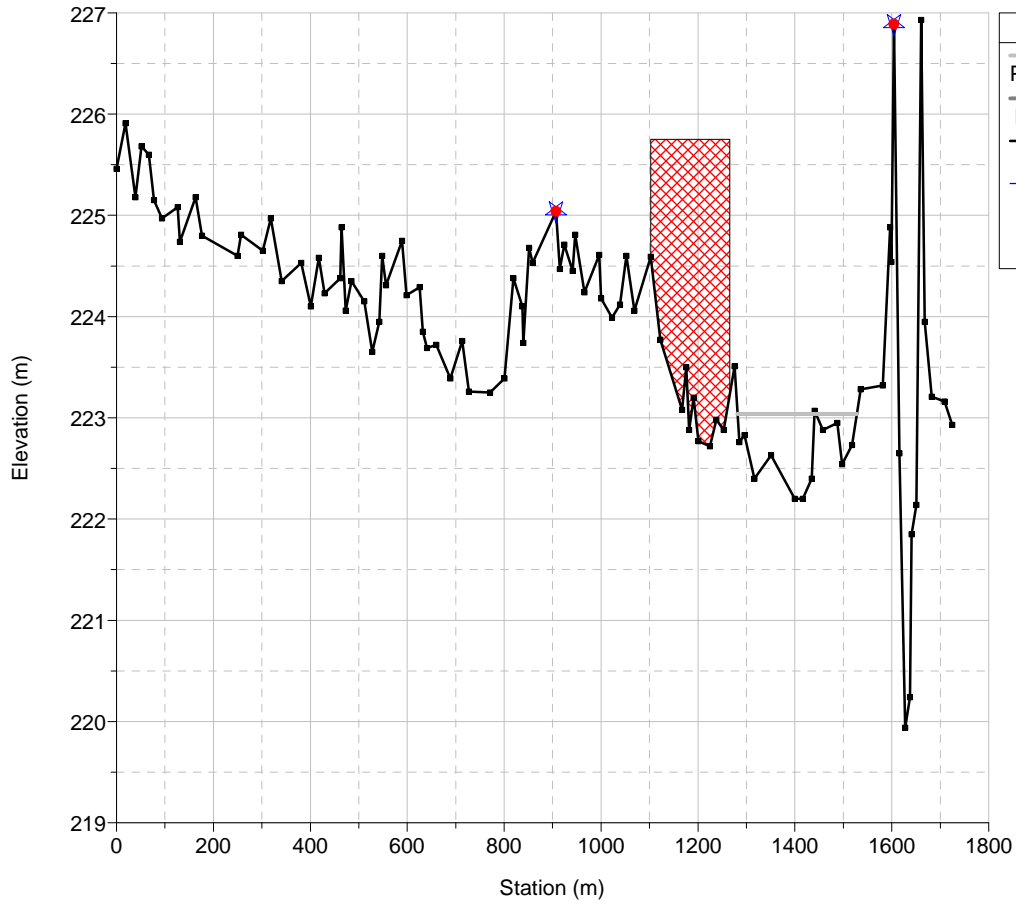
E\_FMTPN\_SX1 Plan: 1) 50 pre PA 2) 50 post PA  
River = E\_FMTPN\_SX1\_M Reach = MONTE RS = 5749.548



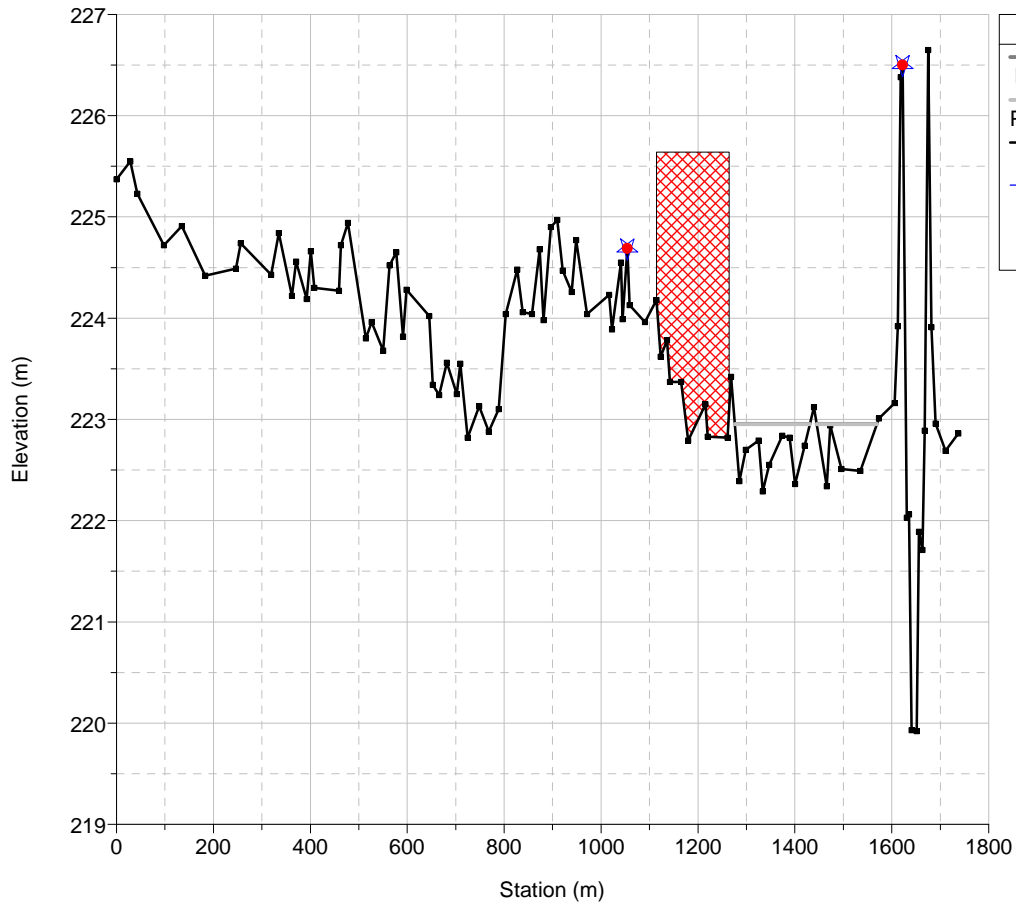
E\_FMTPN\_SX1 Plan: 1) 50 pre PA 2) 50 post PA  
River = E\_FMTPN\_SX1\_M Reach = MONTE RS = 5724.780



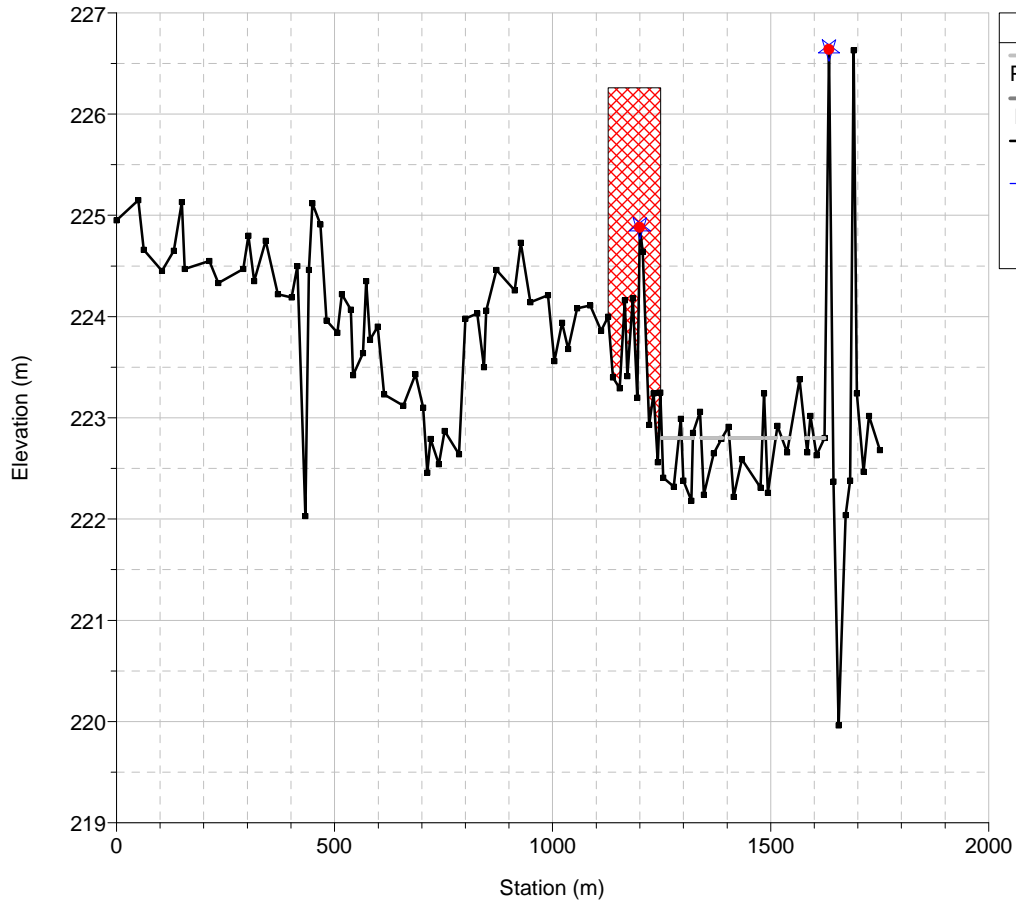
E\_FMTPN\_SX1 Plan: 1) 50 pre PA 2) 50 post PA  
 River = E\_FMTPN\_SX1\_M Reach = MONTE RS = 5700.048



E\_FMTPN\_SX1 Plan: 1) 50 pre PA 2) 50 post PA  
 River = E\_FMTPN\_SX1\_M Reach = MONTE RS = 5675.348

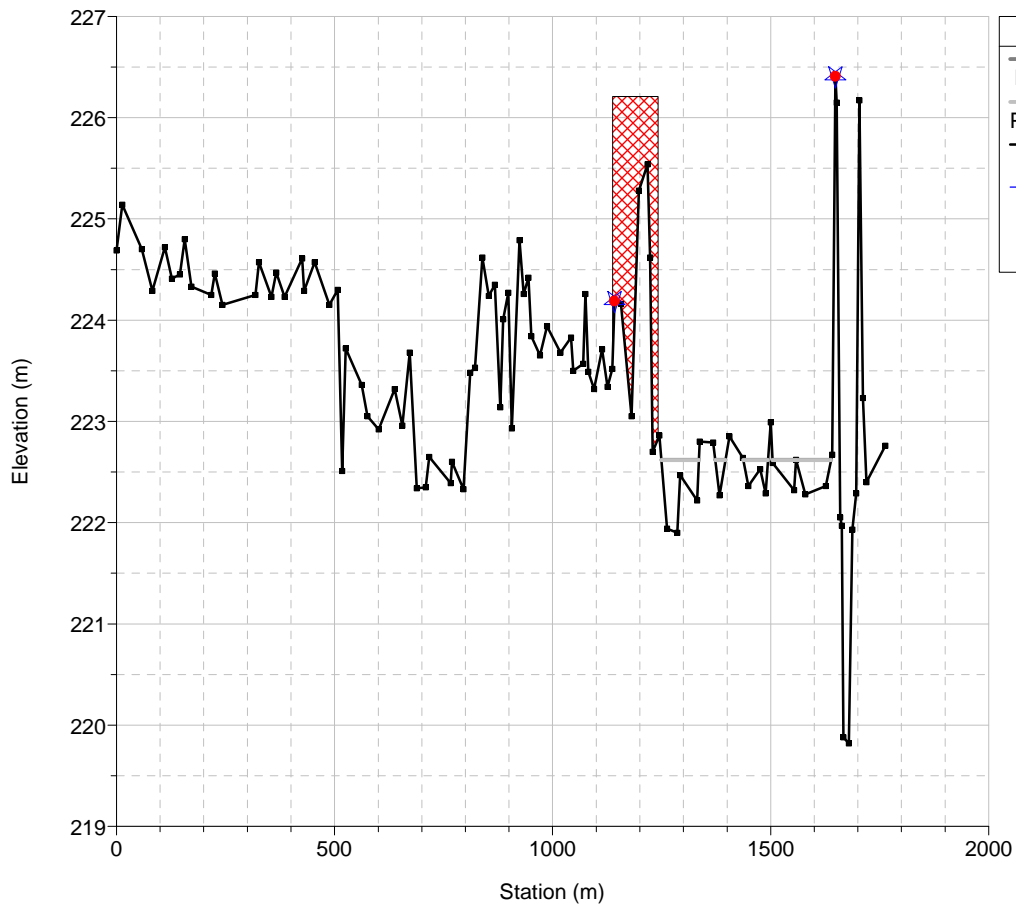


E\_FMTPN\_SX1 Plan: 1) 50 pre PA 2) 50 post PA  
River = E\_FMTPN\_SX1\_M Reach = MONTE RS = 5650.660



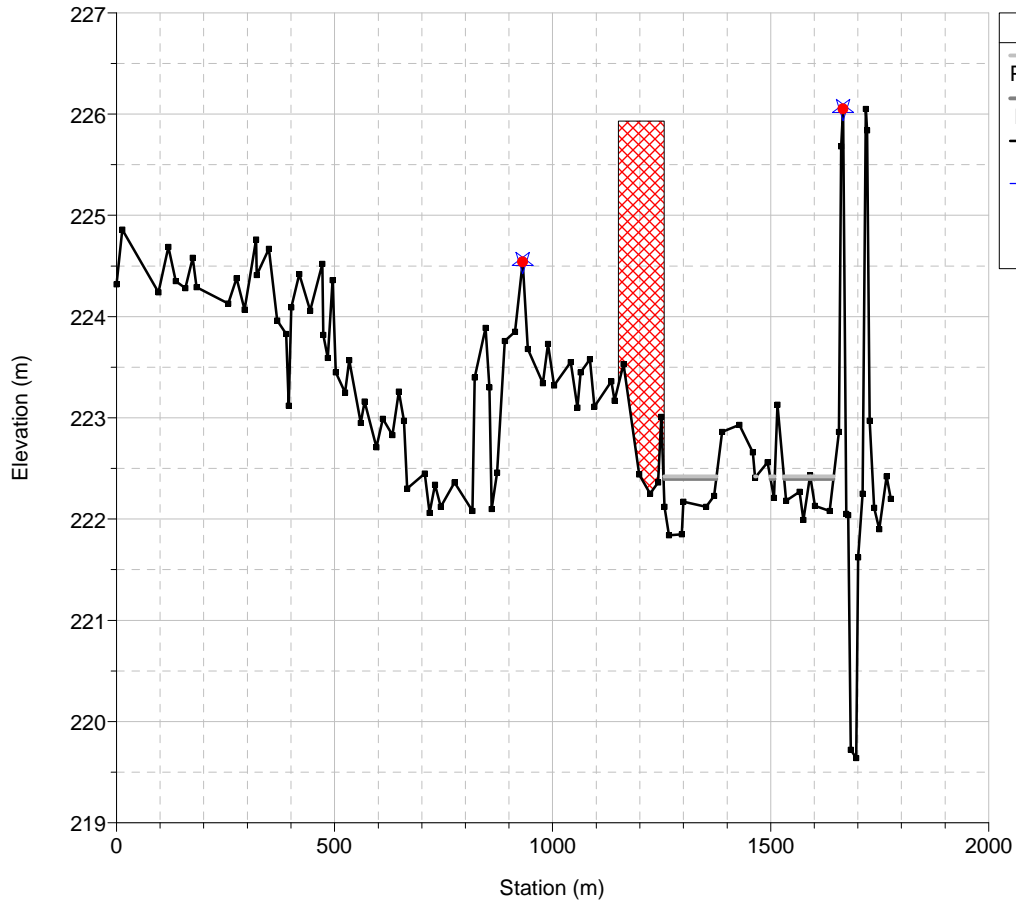
Legend	
	P.L. Max WS - 50 post PA
	P.L. Max WS - 50 pre PA
	Fondo alveo
	Argine
	Alveo principale

E\_FMTPN\_SX1 Plan: 1) 50 pre PA 2) 50 post PA  
River = E\_FMTPN\_SX1\_M Reach = MONTE RS = 5626.002

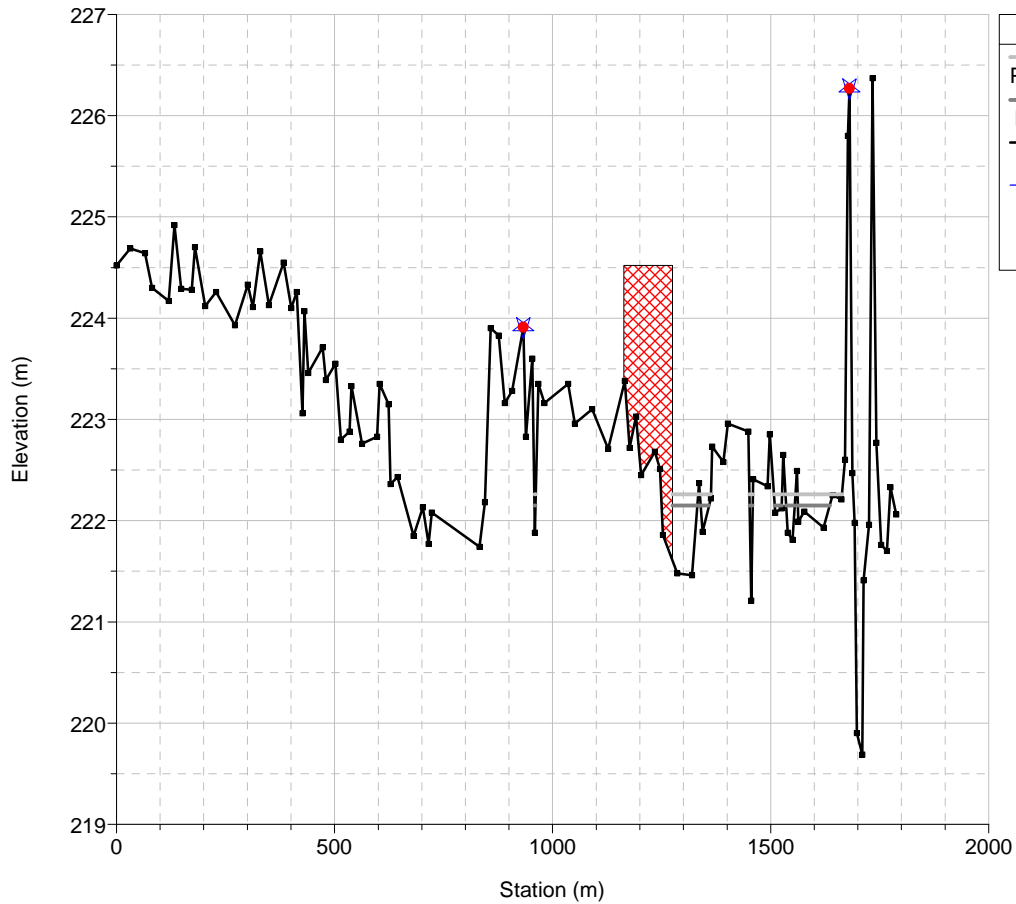


Legend	
	P.L. Max WS - 50 pre PA
	P.L. Max WS - 50 post PA
	Fondo alveo
	Argine
	Alveo principale

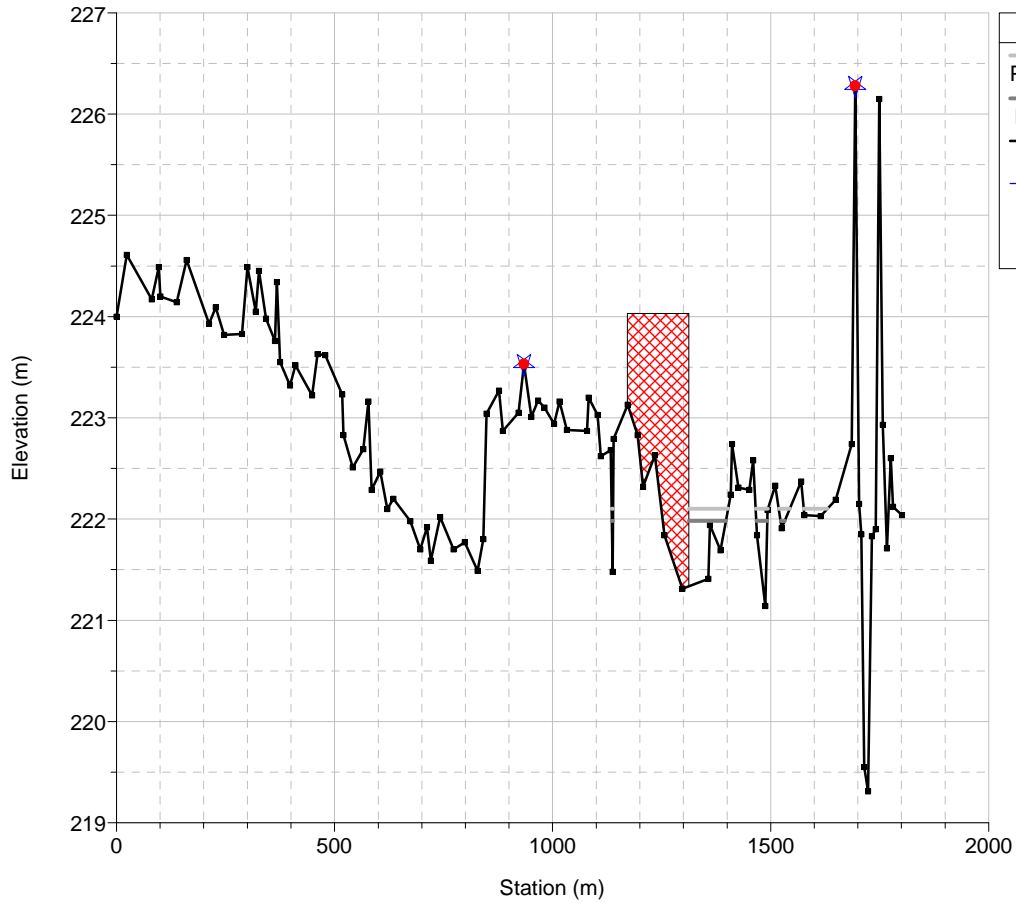
E\_FMPN\_SX1 Plan: 1) 50 pre PA 2) 50 post PA  
River = E\_FMPN\_SX1\_M Reach = MONTE RS = 5601.376



E\_FMPN\_SX1 Plan: 1) 50 pre PA 2) 50 post PA  
River = E\_FMPN\_SX1\_M Reach = MONTE RS = 5576.780

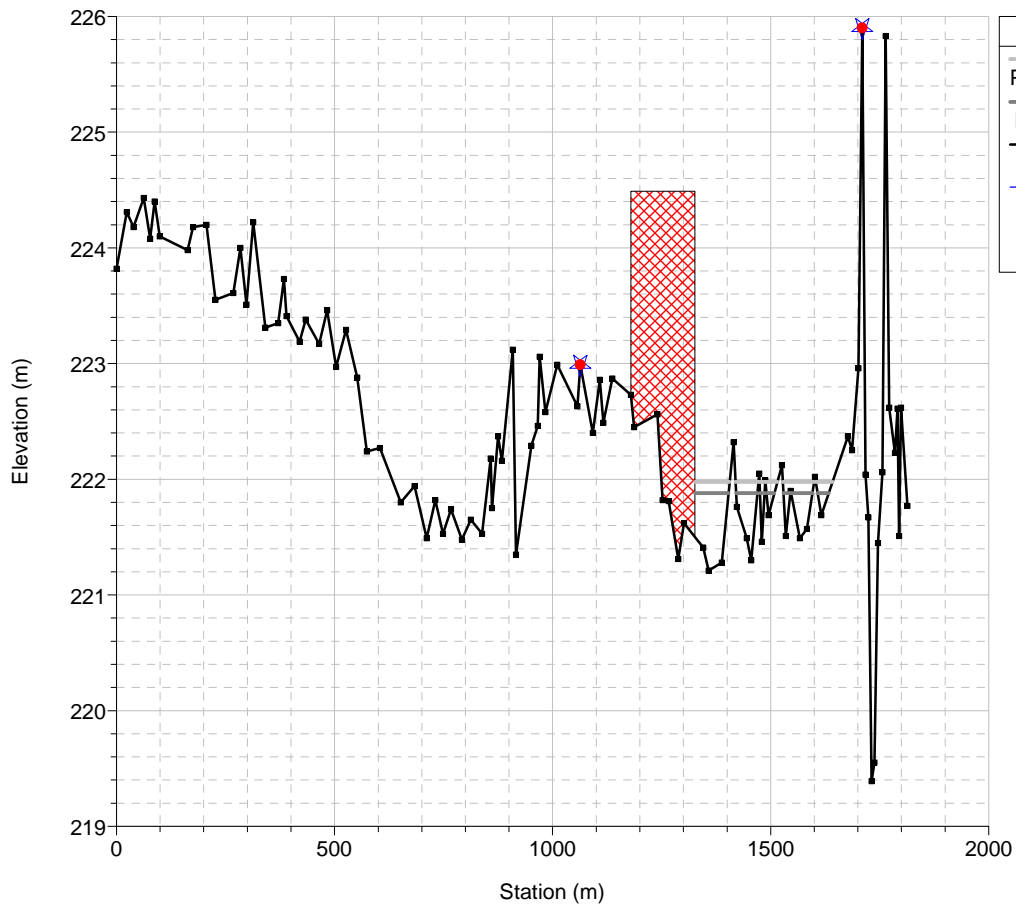


E\_FMPN\_SX1 Plan: 1) 50 pre PA 2) 50 post PA  
River = E\_FMPN\_SX1\_M Reach = MONTE RS = 5552.214



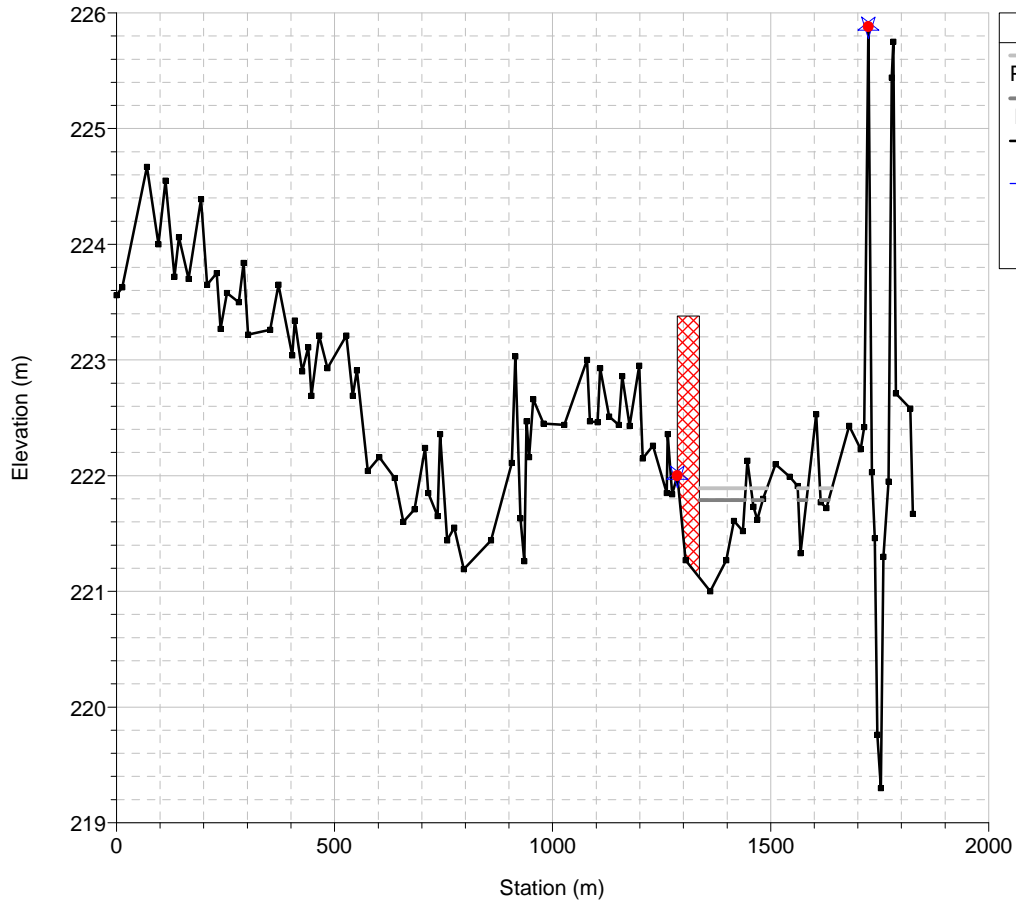
Legend	
—	P.L. Max WS - 50 post PA
—	P.L. Max WS - 50 pre PA
—	Fondo alveo
★	Argine
●	Alveo principale

E\_FMPN\_SX1 Plan: 1) 50 pre PA 2) 50 post PA  
River = E\_FMPN\_SX1\_M Reach = MONTE RS = 5527.677

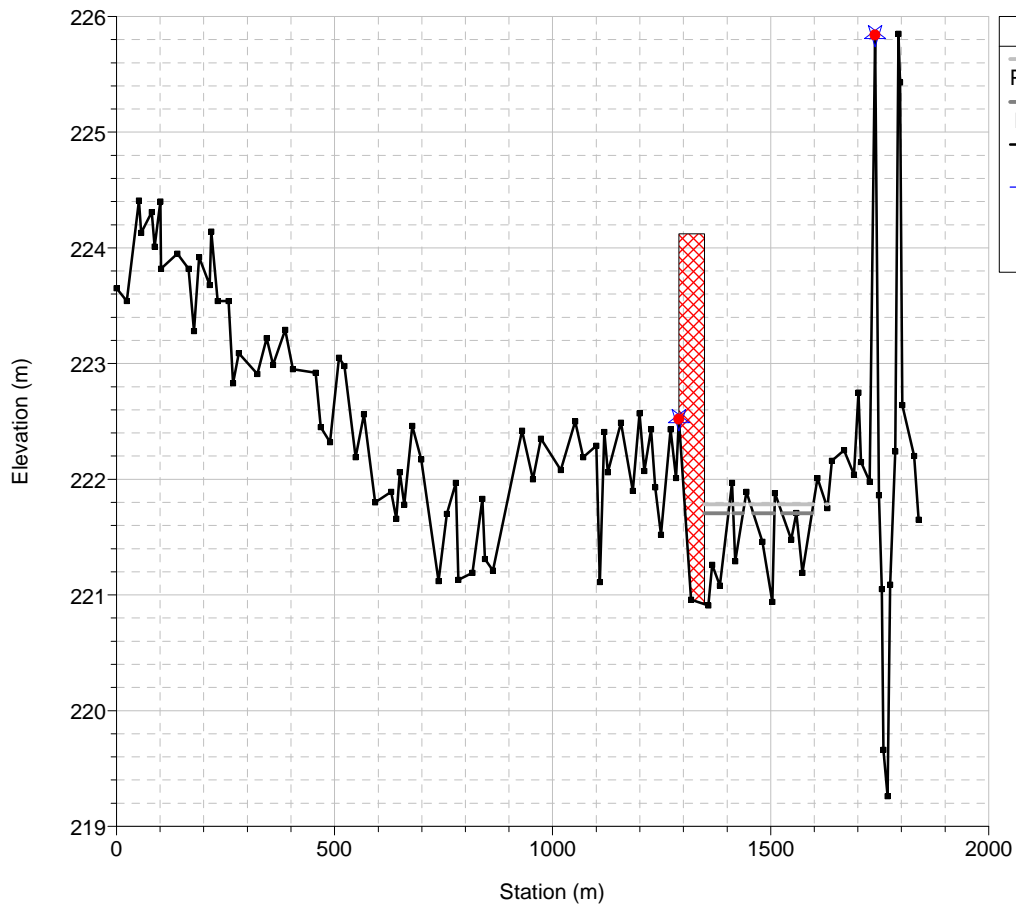


Legend	
—	P.L. Max WS - 50 post PA
—	P.L. Max WS - 50 pre PA
—	Fondo alveo
★	Argine
●	Alveo principale

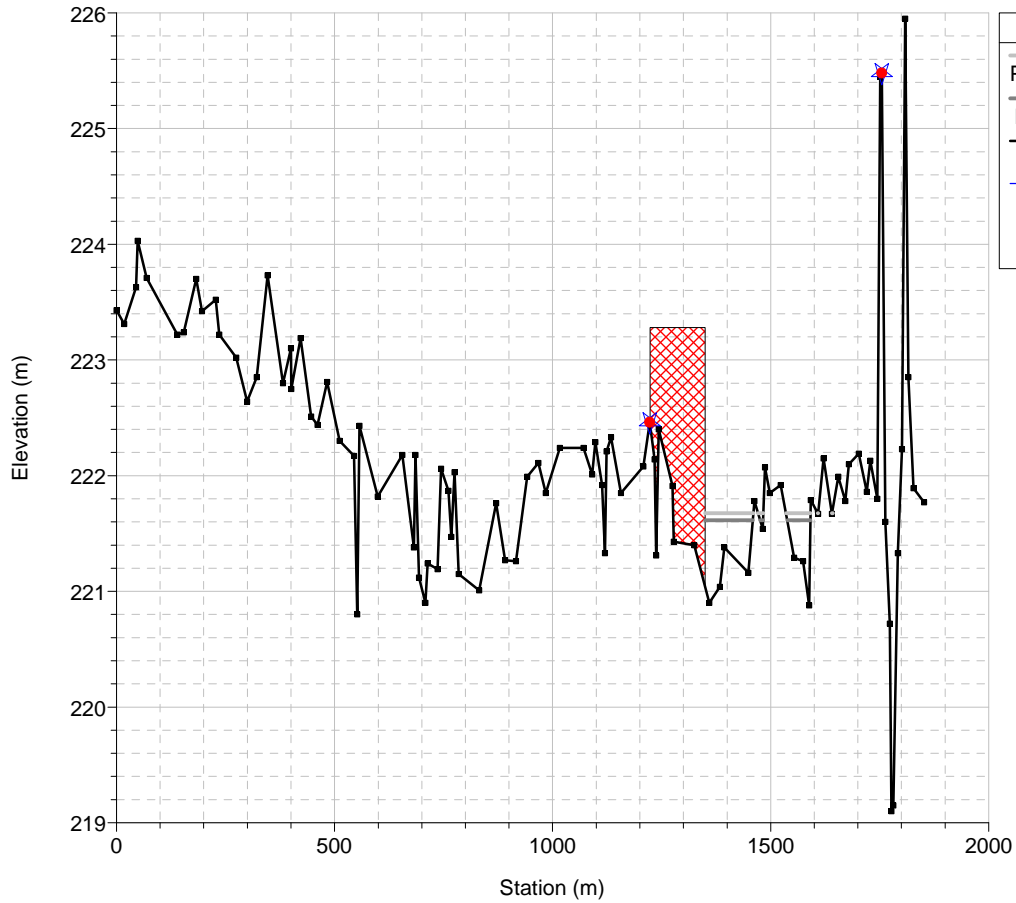
E\_FMPN\_SX1 Plan: 1) 50 pre PA 2) 50 post PA  
River = E\_FMPN\_SX1\_M Reach = MONTE RS = 5503.169



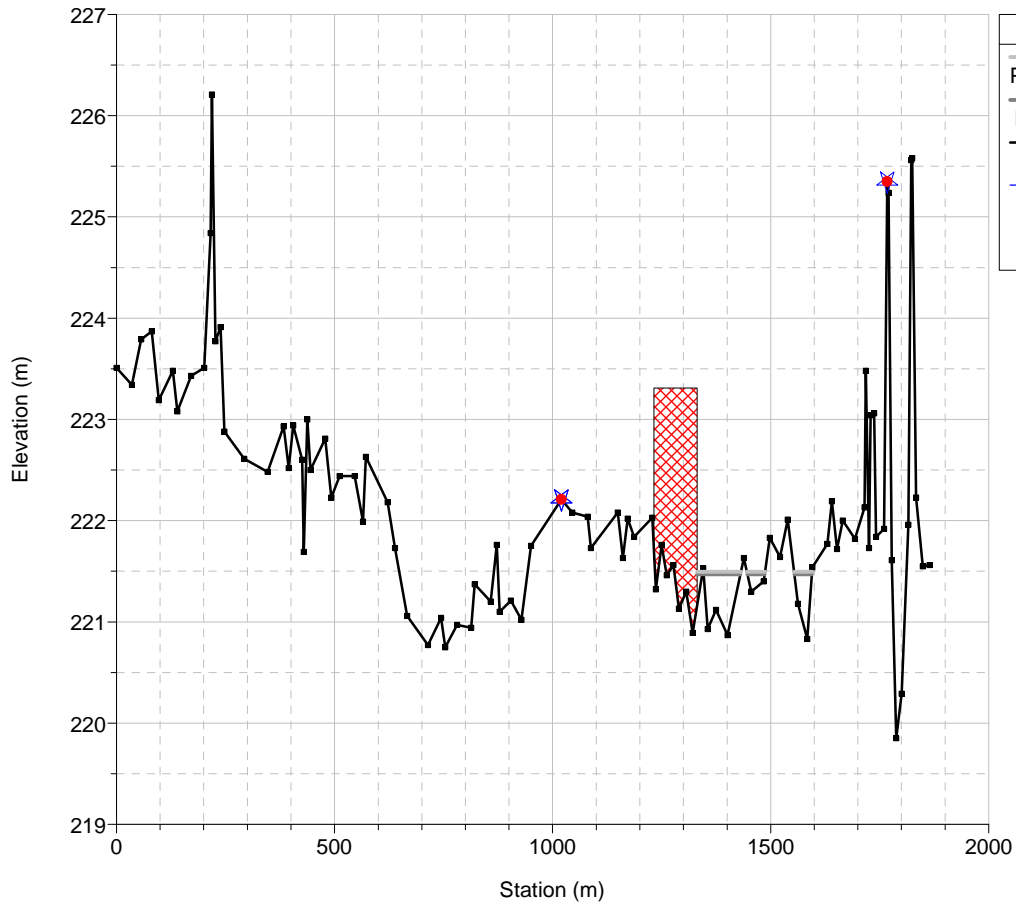
E\_FMPN\_SX1 Plan: 1) 50 pre PA 2) 50 post PA  
River = E\_FMPN\_SX1\_M Reach = MONTE RS = 5478.688



E\_FMPN\_SX1 Plan: 1) 50 pre PA 2) 50 post PA  
River = E\_FMPN\_SX1\_M Reach = MONTE RS = 5454.234

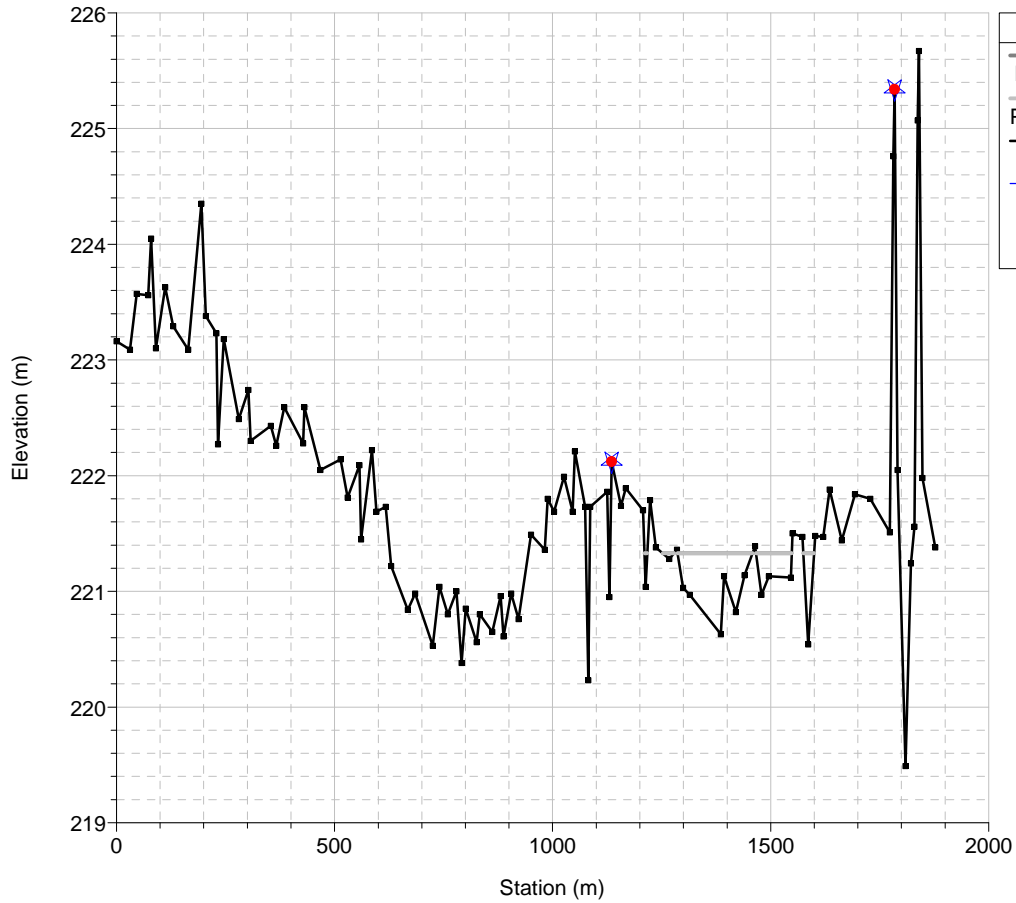


E\_FMPN\_SX1 Plan: 1) 50 pre PA 2) 50 post PA  
River = E\_FMPN\_SX1\_M Reach = MONTE RS = 5429.808

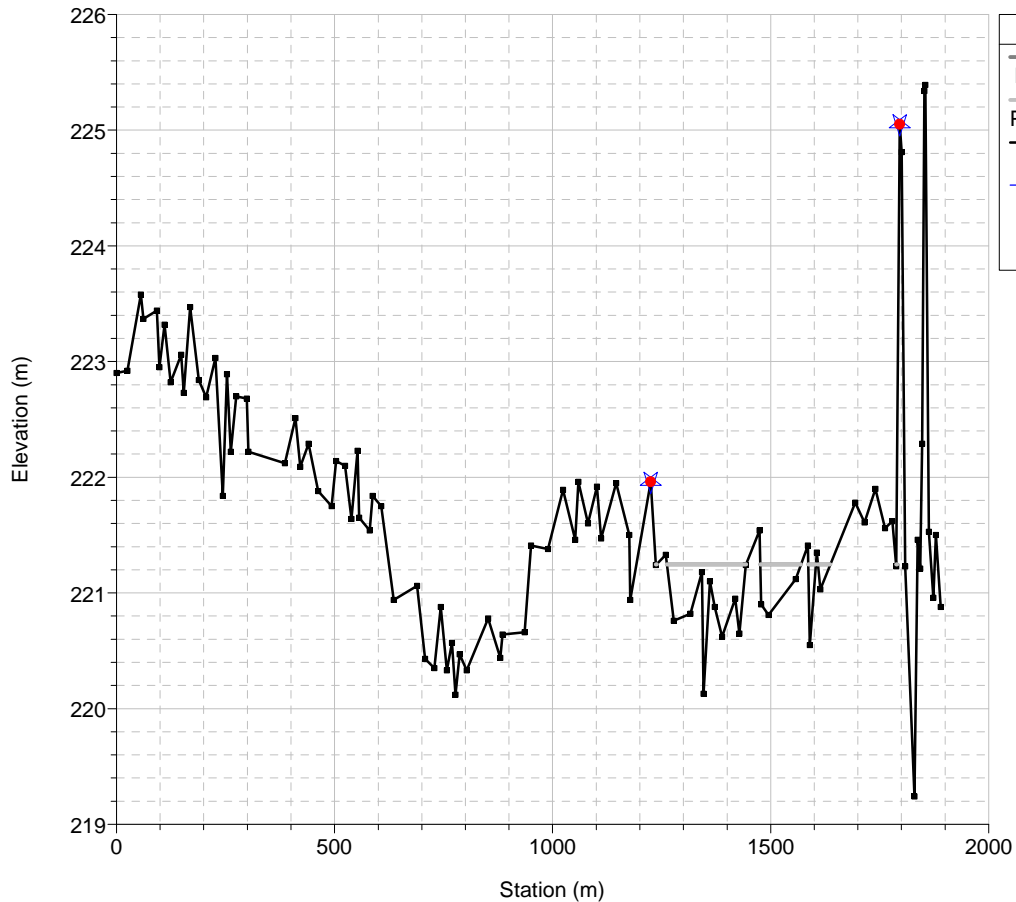




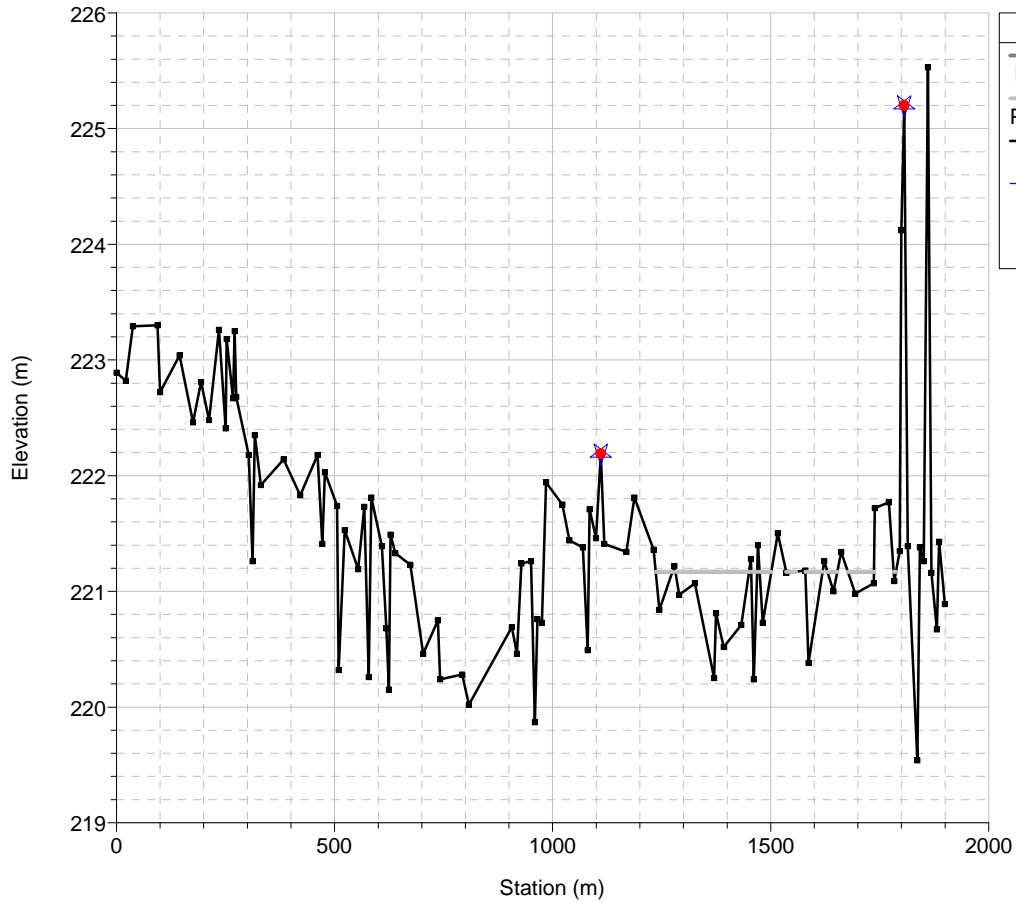
E\_FMTPN\_SX1 Plan: 1) 50 pre PA 2) 50 post PA  
River = E\_FMTPN\_SX1\_M Reach = MONTE RS = 5405.408



E\_FMTPN\_SX1 Plan: 1) 50 pre PA 2) 50 post PA  
River = E\_FMTPN\_SX1\_M Reach = MONTE RS = 5381.033

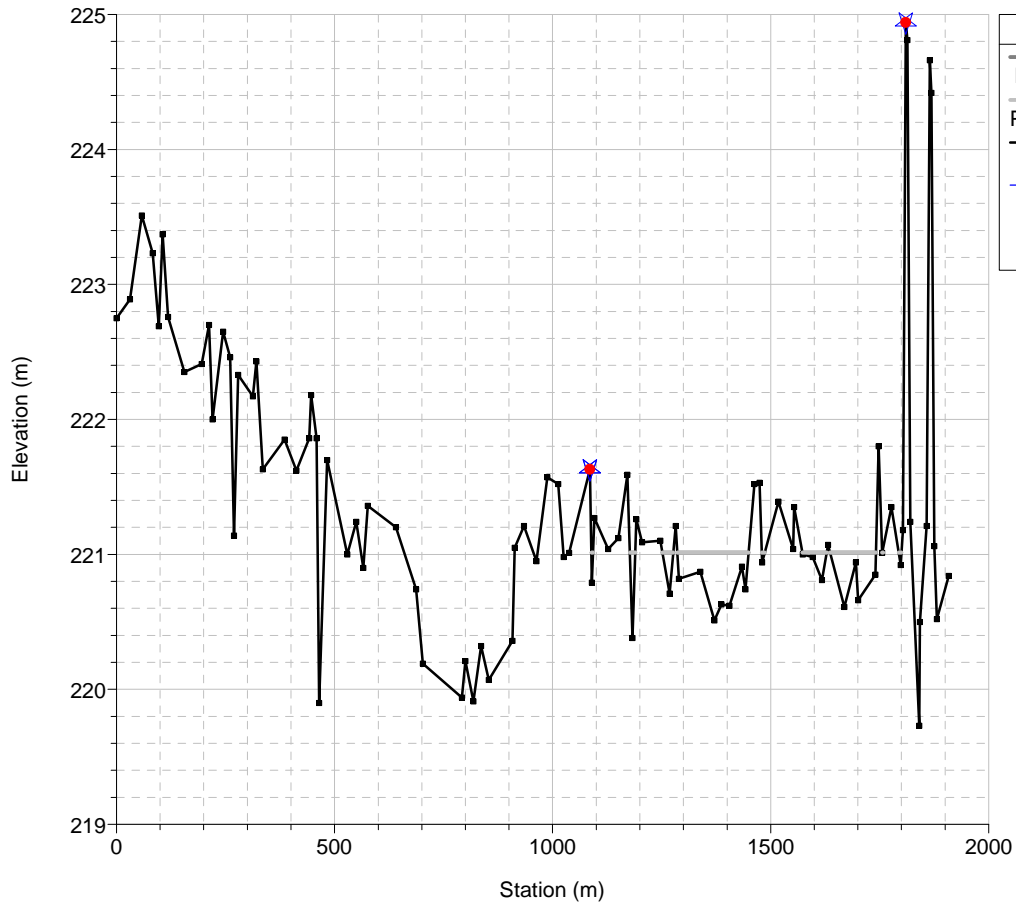


E\_FMPN\_SX1 Plan: 1) 50 pre PA 2) 50 post PA  
River = E\_FMPN\_SX1\_M Reach = MONTE RS = 5355.513



Legend	
P.L. Max WS - 50 pre PA	(Solid line)
P.L. Max WS - 50 post PA	(Dashed line)
Fondo alveo	(Blue line)
Argine	(Blue asterisk)
Alveo principale	(Red dot)

E\_FMPN\_SX1 Plan: 1) 50 pre PA 2) 50 post PA  
River = E\_FMPN\_SX1\_M Reach = MONTE RS = 5330.123



Legend	
P.L. Max WS - 50 pre PA	(Solid line)
P.L. Max WS - 50 post PA	(Dashed line)
Fondo alveo	(Blue line)
Argine	(Blue asterisk)
Alveo principale	(Red dot)

OUTPUT GRAFICO-NUMERICO DELLA MODELLAZIONE IDRAULICA DELLA  
CORRENTE IN ESONDAZIONE DAL **F. TOPINO A FOLIGNO LATO SX**  
PER Tr=200 ANNI NELLO **STATO PRE E POST P.A. "MARCHISIELLI"**

Tratto	Sezioni	Tr
E_FMTPN_SX1 MONTE	5998.693 ÷ 5330.123	200 <i>anni</i>

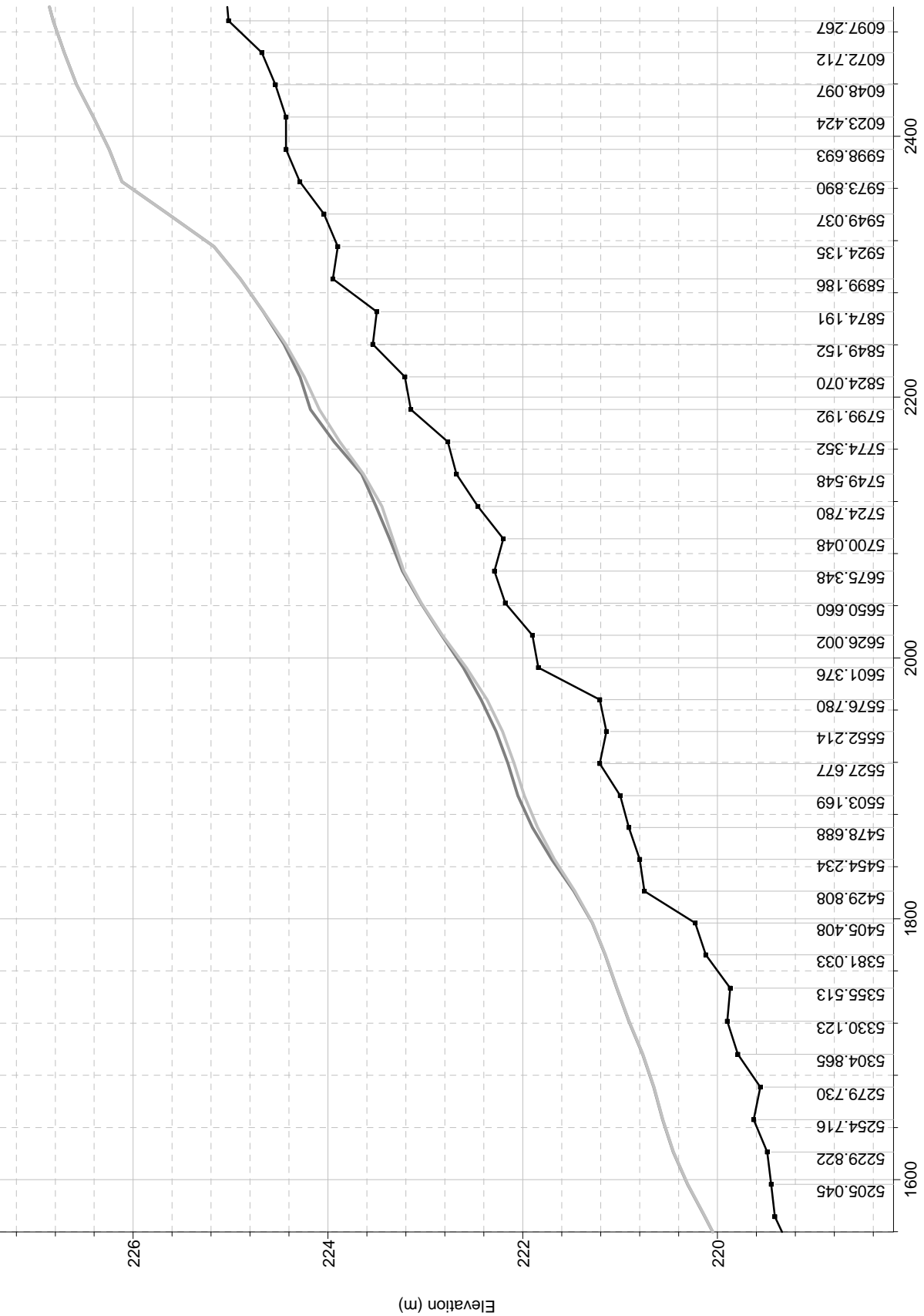
LEGENDA:

Codice	Significato	U.M.
EG Elev.	Carico totale	<i>m s.l.m.</i>
P.L. o W.S.	Pelo libero	<i>m s.l.m.</i>
Crit. W.S.	Altezza critica della corrente	<i>m s.l.m.</i>
Vel.	Velocità della corrente	<i>m/s</i>

E\_FMTPN\_SX1 Plan: 1) 200 post PA 2) 200 pre PA

**Legend**

- P.L. Max WS - 200 post PA
- P.L. Max WS - 200 pre PA
- Fondo alveo

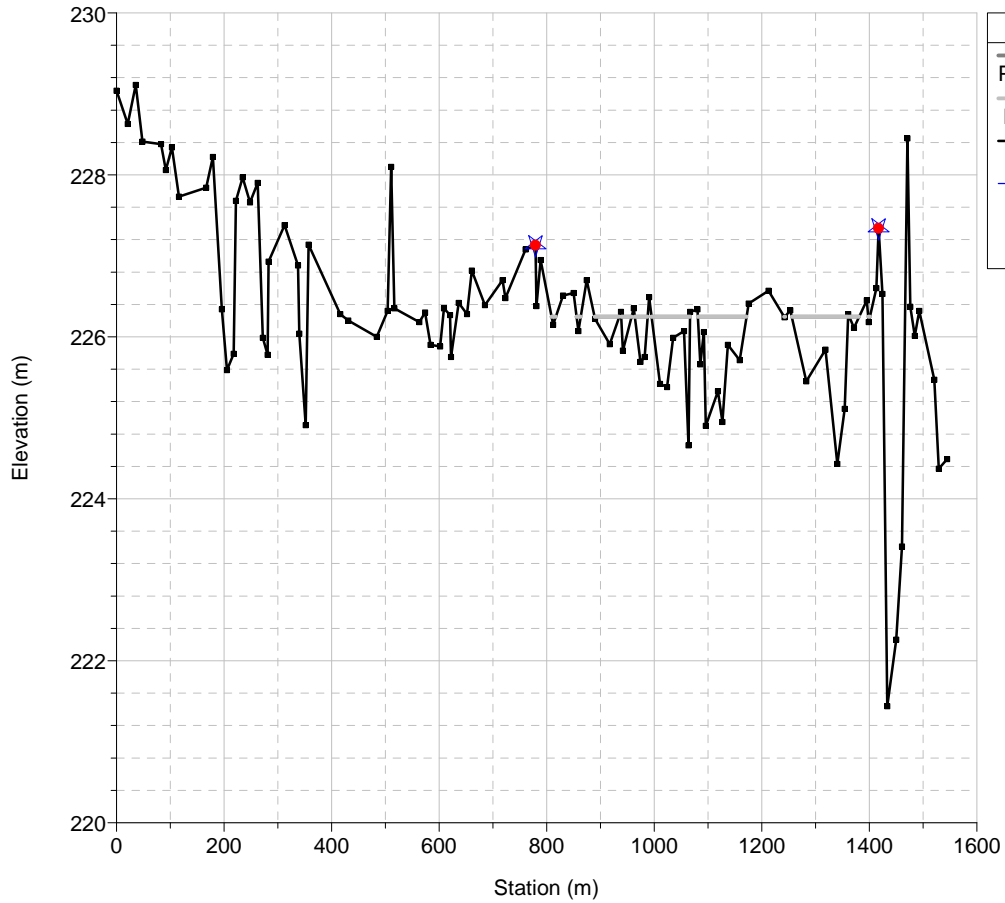


Main Channel Distance (m)

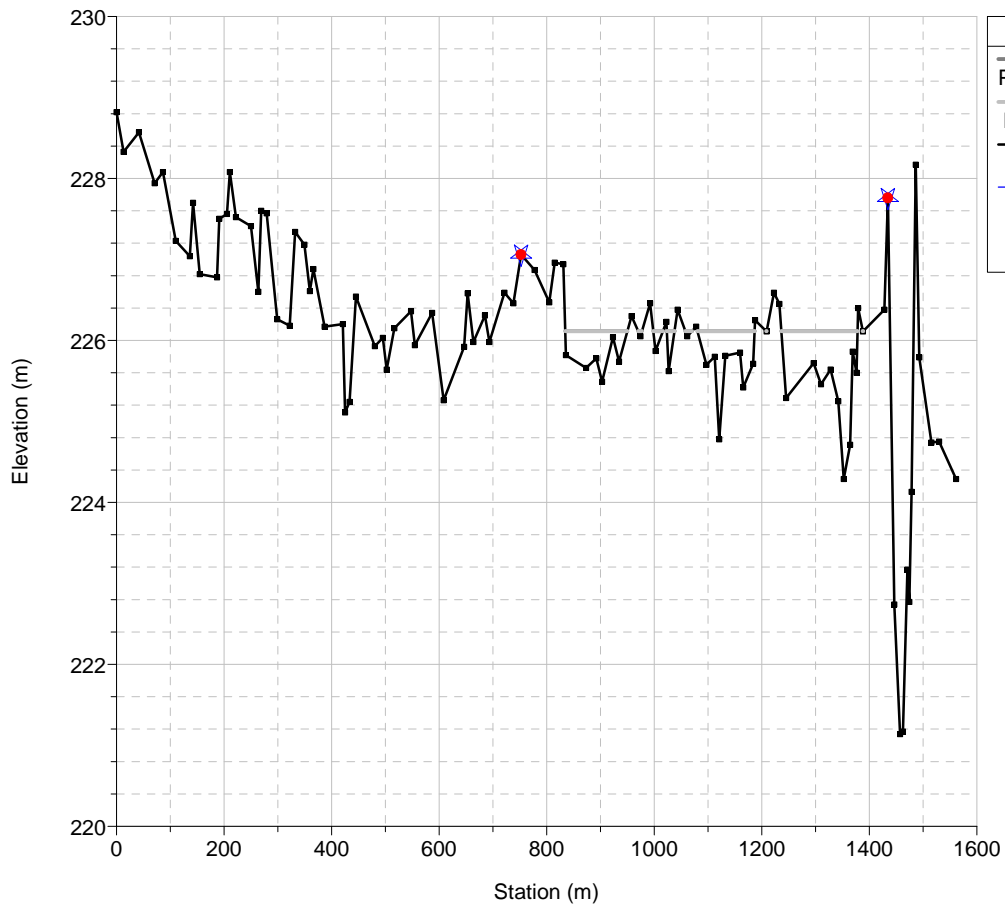
Elevation (m)

Reach	River Sta	Plan	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
MONTE	5998.693	200 post PA	89.89	224.43	226.25	225.57	226.26	0.004611	0.44	205.17	394.85	0.19
MONTE	5998.693	200 pre PA	89.89	224.43	226.25	225.57	226.26	0.004611	0.44	205.17	394.85	0.19
MONTE	5973.890	200 post PA	89.88	224.29	226.11	225.67	226.13	0.005972	0.46	194.01	417.35	0.22
MONTE	5973.890	200 pre PA	89.88	224.29	226.11	225.67	226.13	0.005972	0.46	194.01	417.35	0.22
MONTE	5949.037	200 post PA	89.88	224.04	225.64	225.11	225.68	0.030243	0.87	102.91	288.70	0.47
MONTE	5949.037	200 pre PA	89.88	224.04	225.64	225.11	225.68	0.030243	0.87	102.91	288.70	0.47
MONTE	5924.135	200 post PA	89.88	223.90	225.17	224.71	225.19	0.008911	0.64	139.73	247.96	0.27
MONTE	5924.135	200 pre PA	89.88	223.90	225.17	224.71	225.19	0.008911	0.64	139.73	247.96	0.27
MONTE	5899.186	200 post PA	89.87	223.95	224.90	224.58	224.93	0.012302	0.73	122.59	227.81	0.32
MONTE	5899.186	200 pre PA	89.87	223.95	224.90	224.58	224.93	0.012345	0.73	122.45	227.76	0.32
MONTE	5874.191	200 post PA	89.87	223.50	224.66	224.25	224.68	0.007241	0.61	147.82	244.44	0.25
MONTE	5874.191	200 pre PA	89.87	223.50	224.66	224.25	224.68	0.007334	0.61	147.23	244.31	0.25
MONTE	5849.152	200 post PA	89.87	223.54	224.45	224.09	224.47	0.009536	0.65	137.56	251.22	0.28
MONTE	5849.152	200 pre PA	89.87	223.54	224.43	224.09	224.46	0.010573	0.68	133.06	249.77	0.30
MONTE	5824.070	200 post PA	89.87	223.21	224.29	223.79	224.30	0.004366	0.51	176.99	262.47	0.20
MONTE	5824.070	200 pre PA	89.86	223.21	224.24	223.79	224.26	0.005321	0.54	165.80	258.59	0.22
MONTE	5799.192	200 post PA	89.86	223.15	224.18	223.68	224.19	0.004393	0.46	196.42	342.31	0.19
MONTE	5799.192	200 pre PA	89.86	223.15	224.09	223.68	224.10	0.007162	0.54	165.87	323.72	0.24
MONTE	5774.352	200 post PA	86.54	222.77	223.94	223.64	223.96	0.012477	0.71	121.09	235.30	0.32
MONTE	5774.352	200 pre PA	89.85	222.77	223.88	223.56	223.90	0.009510	0.57	158.01	354.16	0.27
MONTE	5749.548	200 post PA	104.00	222.68	223.65	223.44	223.67	0.002079	0.27	247.24	378.11	0.13
MONTE	5749.548	200 pre PA	89.85	222.68	223.64	223.33	223.65	0.010213	0.57	158.04	374.26	0.28
MONTE	5724.780	200 post PA	97.18	222.46	223.51	223.03	223.52	0.007417	0.59	163.73	285.25	0.25
MONTE	5724.780	200 pre PA	89.84	222.46	223.45	222.99	223.46	0.005662	0.46	195.23	407.66	0.21
MONTE	5700.048	200 post PA	93.53	222.20	223.37	222.78	223.38	0.004333	0.48	193.91	308.93	0.19
MONTE	5700.048	200 pre PA	89.84	222.20	223.33	222.78	223.34	0.003738	0.40	223.00	416.80	0.18
MONTE	5675.348	200 post PA	92.46	222.29	223.24	222.86	223.25	0.006427	0.48	191.90	411.59	0.23
MONTE	5675.348	200 pre PA	89.83	222.29	223.22	222.86	223.23	0.005501	0.42	214.56	505.71	0.21
MONTE	5650.660	200 post PA	91.99	222.18	223.05	222.73	223.06	0.008902	0.52	177.48	435.46	0.26
MONTE	5650.660	200 pre PA	89.83	222.18	223.04	222.73	223.05	0.008746	0.50	178.21	449.89	0.26
MONTE	5626.002	200 post PA	91.67	221.90	222.83	222.55	222.84	0.008563	0.48	191.15	512.06	0.25
MONTE	5626.002	200 pre PA	89.82	221.90	222.82	222.55	222.84	0.008985	0.48	187.56	521.98	0.26
MONTE	5601.376	200 post PA	91.46	221.84	222.61	222.35	222.62	0.009527	0.51	178.83	470.79	0.26
MONTE	5601.376	200 pre PA	89.82	221.84	222.58	222.35	222.59	0.010911	0.51	176.64	519.80	0.28
MONTE	5576.780	200 post PA	91.27	221.21	222.43	222.07	222.44	0.005719	0.42	215.42	512.16	0.21
MONTE	5576.780	200 pre PA	89.81	221.21	222.37	222.04	222.38	0.006671	0.45	200.53	493.26	0.22
MONTE	5552.214	200 post PA	91.09	221.14	222.27	221.89	222.28	0.006901	0.45	202.04	503.84	0.23
MONTE	5552.214	200 pre PA	89.80	221.14	222.21	221.82	222.22	0.006432	0.43	211.00	545.24	0.22
MONTE	5527.677	200 post PA	90.94	221.21	222.15	221.74	222.16	0.003354	0.34	270.50	610.64	0.16
MONTE	5527.677	200 pre PA	89.80	221.21	222.09	221.71	222.09	0.003687	0.33	269.88	665.05	0.17
MONTE	5503.169	200 post PA	90.82	221.00	222.05	221.58	222.06	0.004721	0.38	238.95	579.52	0.19
MONTE	5503.169	200 pre PA	89.79	221.00	221.98	221.52	221.99	0.004666	0.38	234.27	557.17	0.19
MONTE	5478.688	200 post PA	90.76	220.91	221.90	221.51	221.91	0.007509	0.45	203.92	552.62	0.23
MONTE	5478.688	200 pre PA	89.78	220.91	221.85	221.43	221.86	0.006275	0.42	212.22	543.37	0.22
MONTE	5454.234	200 post PA	90.73	220.80	221.70	221.38	221.72	0.008321	0.51	177.92	424.41	0.25
MONTE	5454.234	200 pre PA	89.76	220.80	221.68	221.37	221.69	0.007666	0.47	190.58	482.32	0.24
MONTE	5429.808	200 post PA	90.71	220.75	221.48	221.19	221.49	0.010420	0.53	171.62	460.20	0.28
MONTE	5429.808	200 pre PA	89.76	220.75	221.46	221.19	221.48	0.009573	0.49	182.90	514.73	0.26
MONTE	5405.408	200 post PA	90.67	220.23	221.28	220.97	221.29	0.005754	0.40	228.38	602.61	0.21
MONTE	5405.408	200 pre PA	89.75	220.23	221.28	220.97	221.29	0.005746	0.40	226.74	600.31	0.21
MONTE	5381.033	200 post PA	90.64	220.12	221.15	220.77	221.16	0.005068	0.38	239.43	617.04	0.19
MONTE	5381.033	200 pre PA	89.74	220.12	221.15	220.77	221.16	0.005095	0.38	237.37	615.36	0.19
MONTE	5355.513	200 post PA	90.60	219.87	221.03	220.58	221.04	0.004337	0.37	244.20	576.38	0.18
MONTE	5355.513	200 pre PA	89.73	219.87	221.03	220.58	221.04	0.004309	0.37	242.45	571.62	0.18
MONTE	5330.123	200 post PA	90.59	219.90	220.91	220.38	220.92	0.005457	0.40	224.50	555.70	0.20
MONTE	5330.123	200 pre PA	89.72	219.90	220.91	220.38	220.92	0.005445	0.40	222.97	553.31	0.20

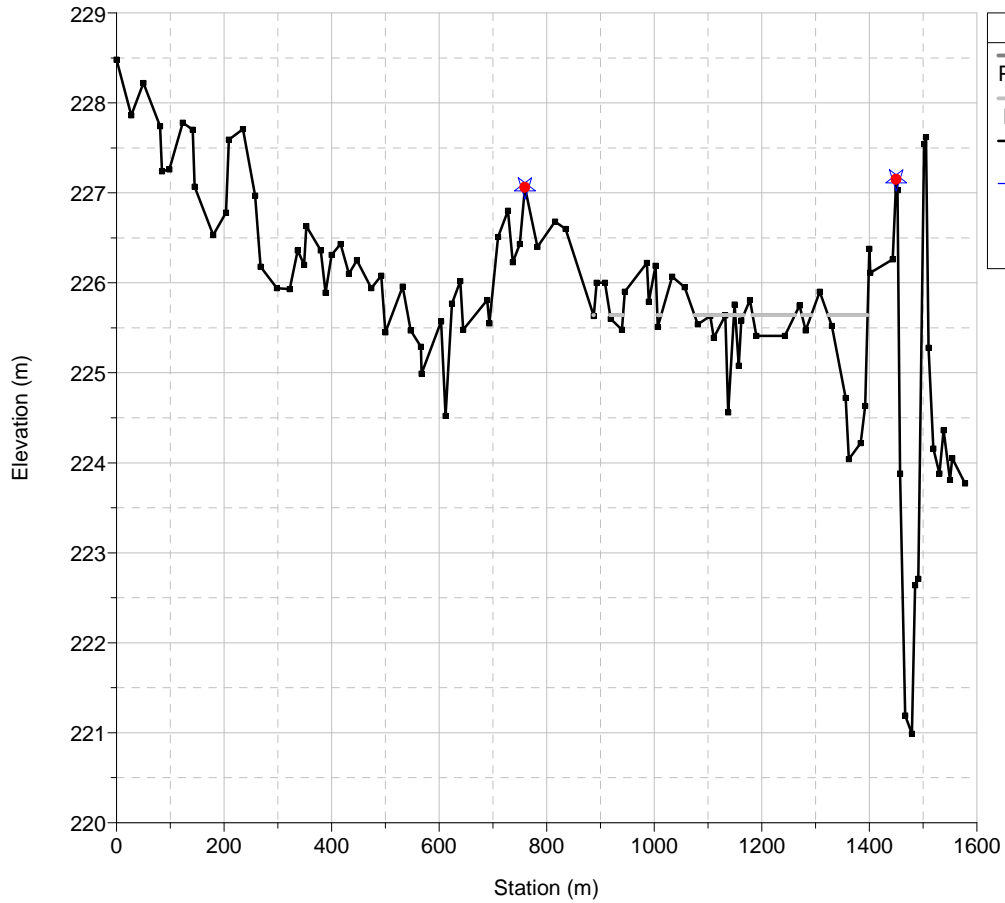
E\_FMPN\_SX1 Plan: 1) 200 post PA 2) 200 pre PA  
River = E\_FMPN\_SX1\_M Reach = MONTE RS = 5998.693



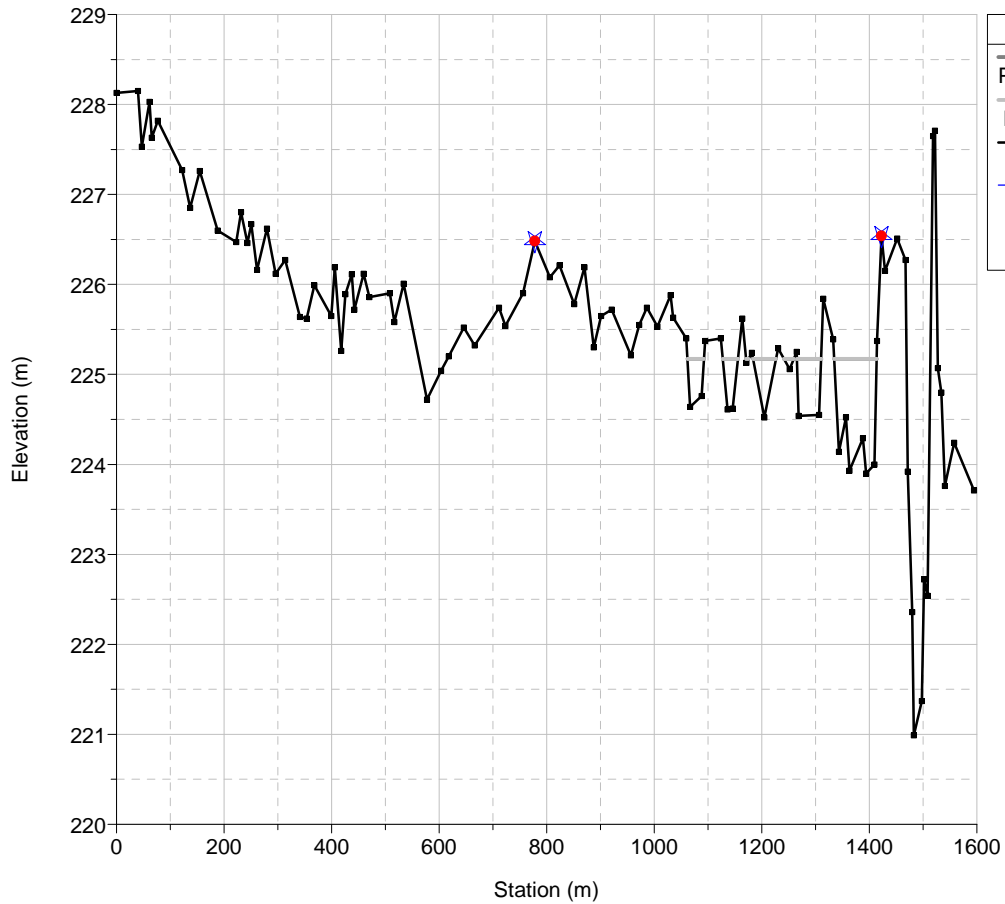
E\_FMPN\_SX1 Plan: 1) 200 post PA 2) 200 pre PA  
River = E\_FMPN\_SX1\_M Reach = MONTE RS = 5973.890



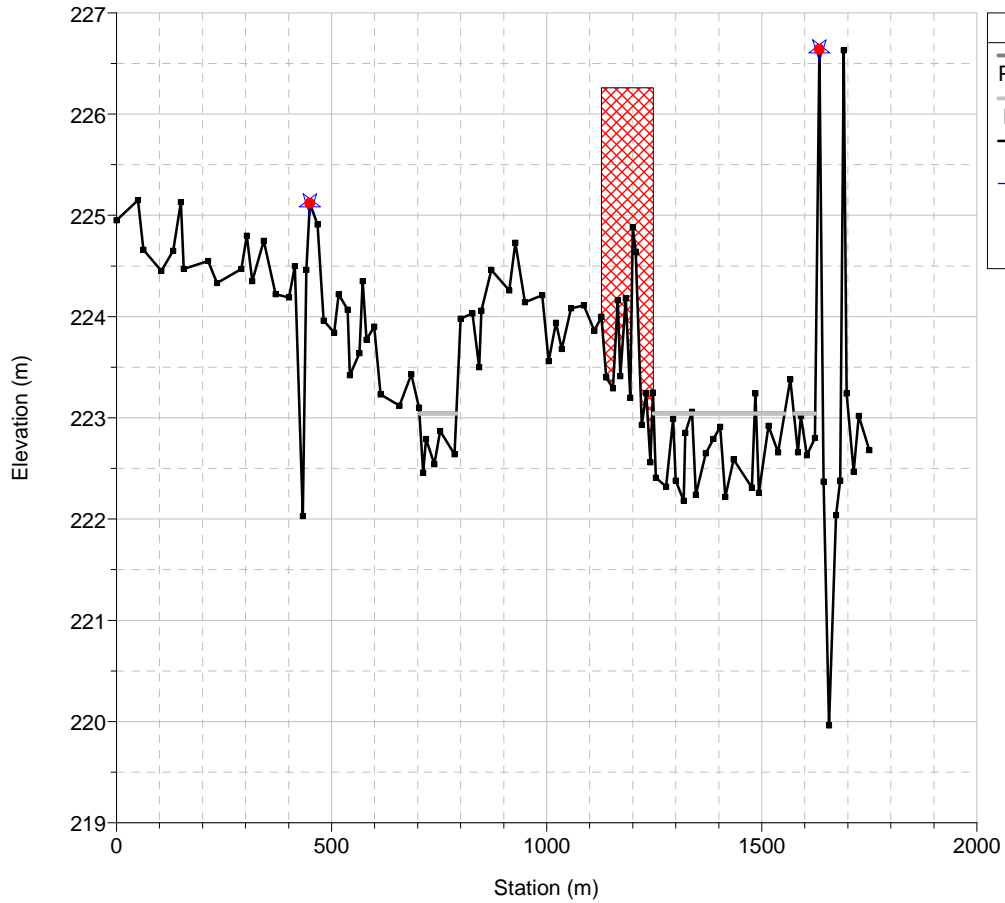
E\_FMTPN\_SX1 Plan: 1) 200 post PA 2) 200 pre PA  
River = E\_FMTPN\_SX1\_M Reach = MONTE RS = 5949.037



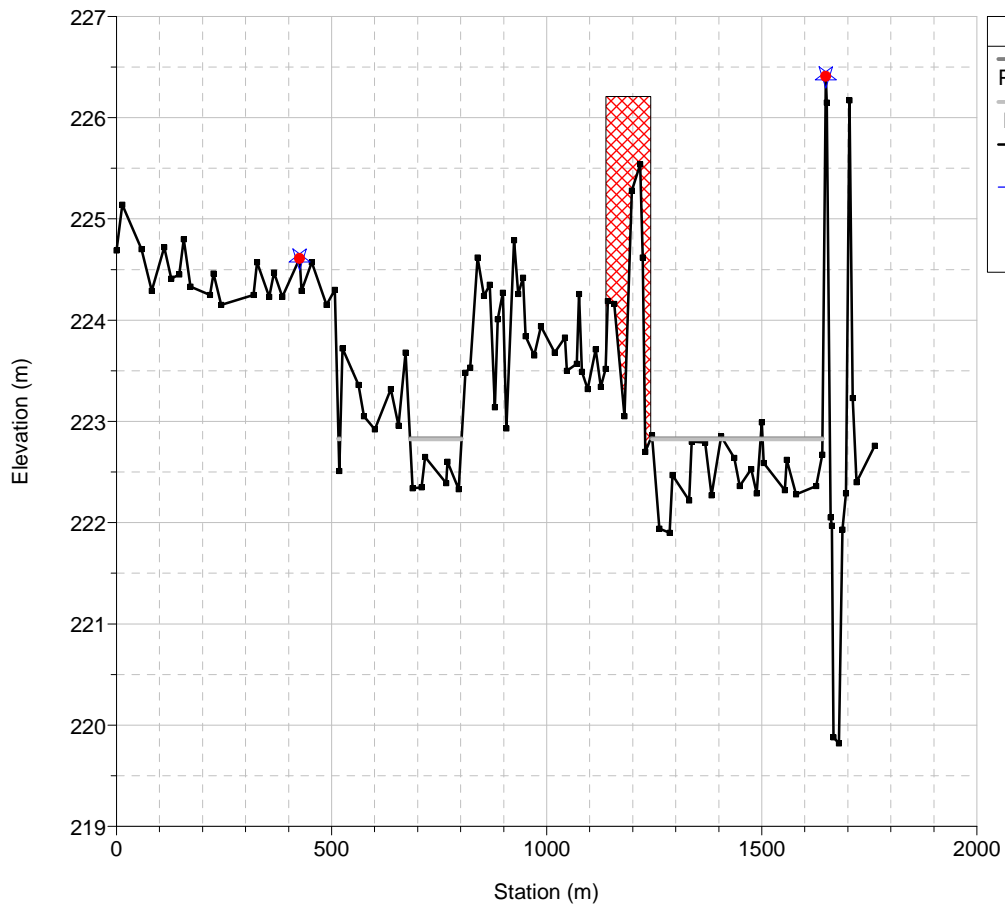
E\_FMTPN\_SX1 Plan: 1) 200 post PA 2) 200 pre PA  
River = E\_FMTPN\_SX1\_M Reach = MONTE RS = 5924.135



E\_FMTPN\_SX1 Plan: 1) 200 post PA 2) 200 pre PA  
 River = E\_FMTPN\_SX1\_M Reach = MONTE RS = 5650.660

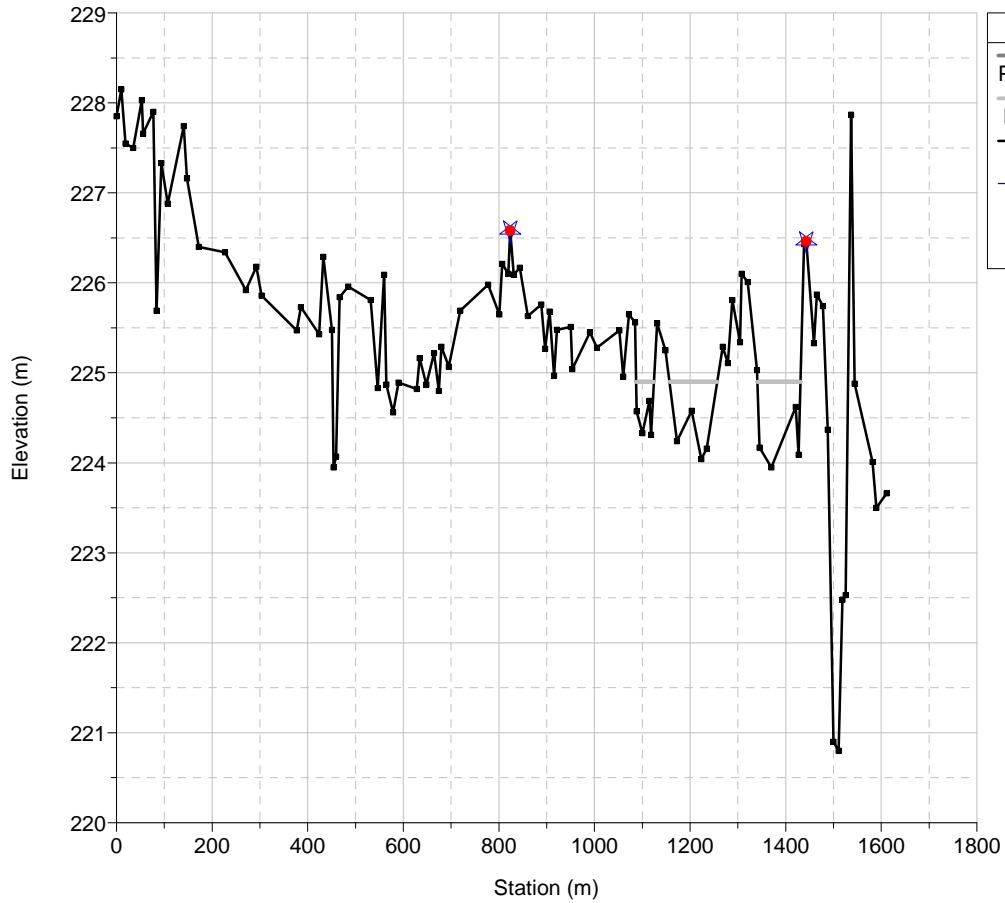


E\_FMTPN\_SX1 Plan: 1) 200 post PA 2) 200 pre PA  
 River = E\_FMTPN\_SX1\_M Reach = MONTE RS = 5626.002

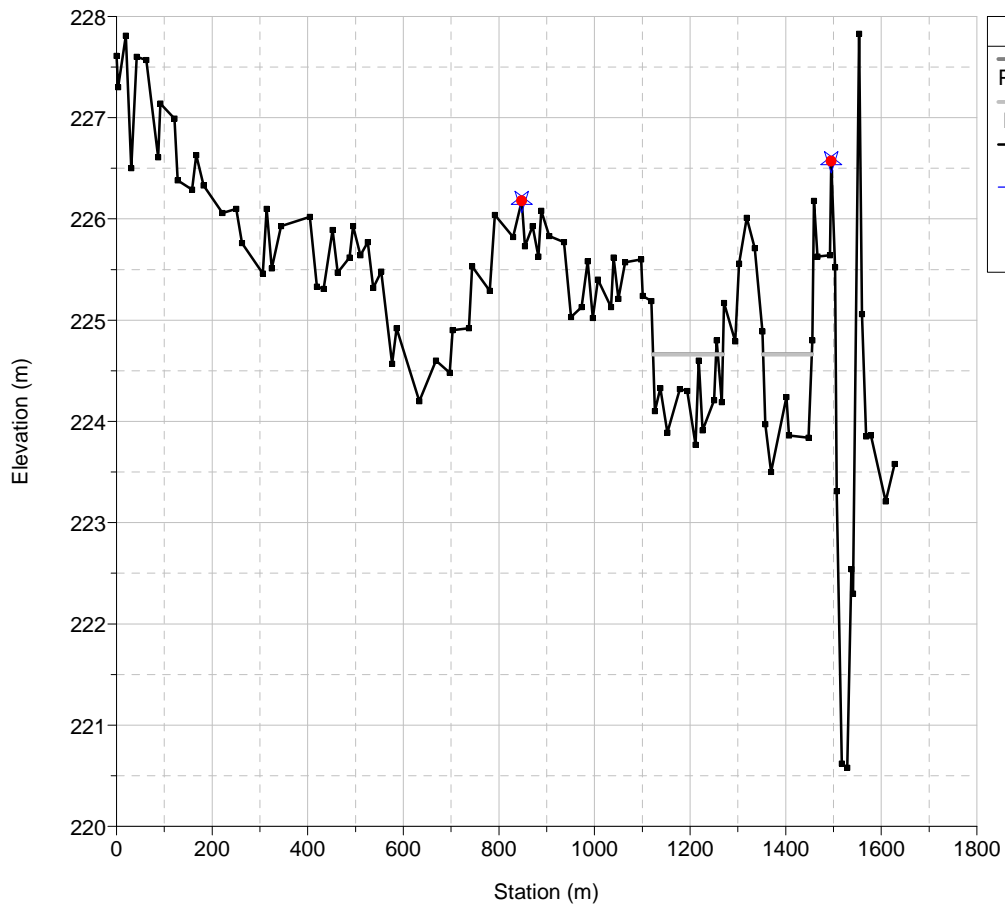




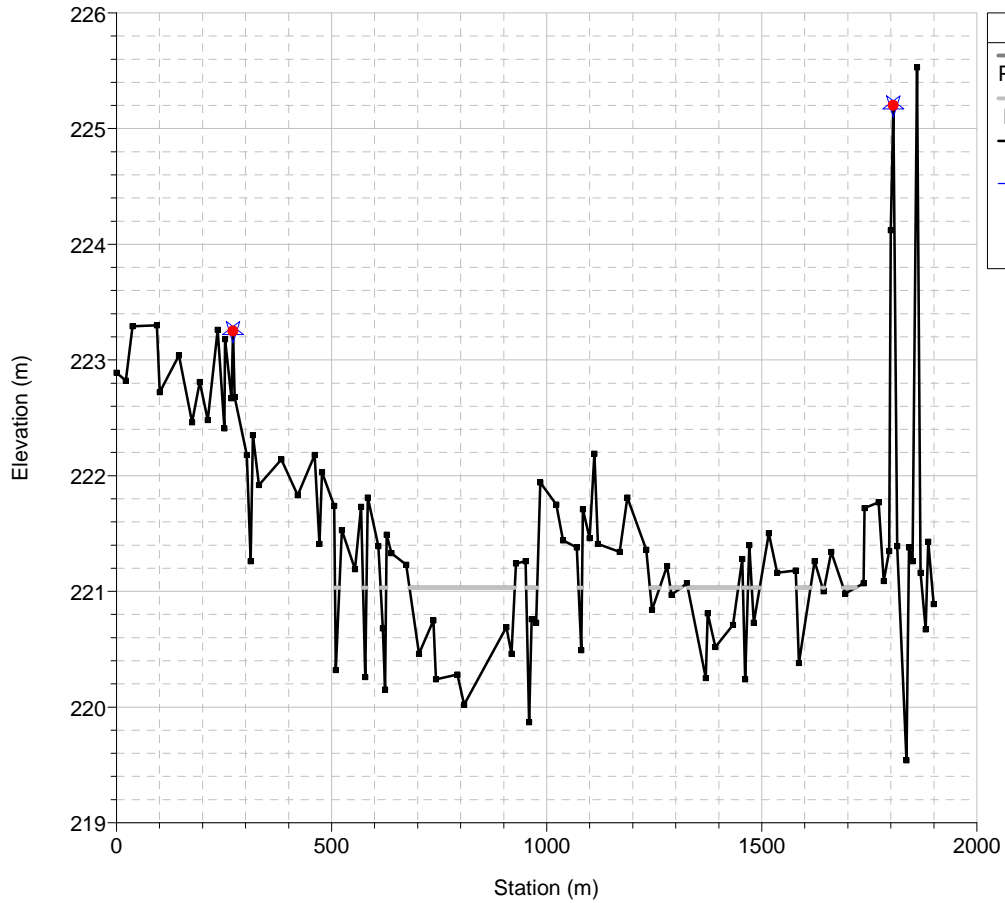
E\_FMTPN\_SX1 Plan: 1) 200 post PA 2) 200 pre PA  
River = E\_FMTPN\_SX1\_M Reach = MONTE RS = 5899.186



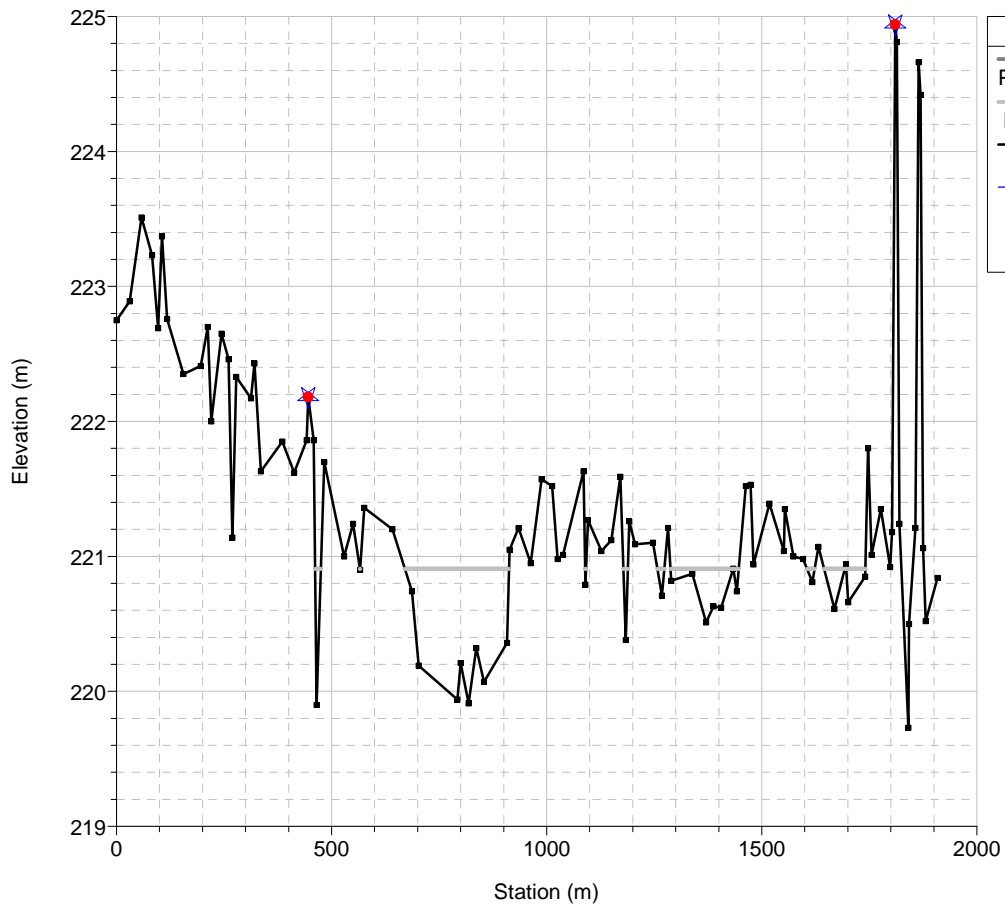
E\_FMTPN\_SX1 Plan: 1) 200 post PA 2) 200 pre PA  
River = E\_FMTPN\_SX1\_M Reach = MONTE RS = 5874.191



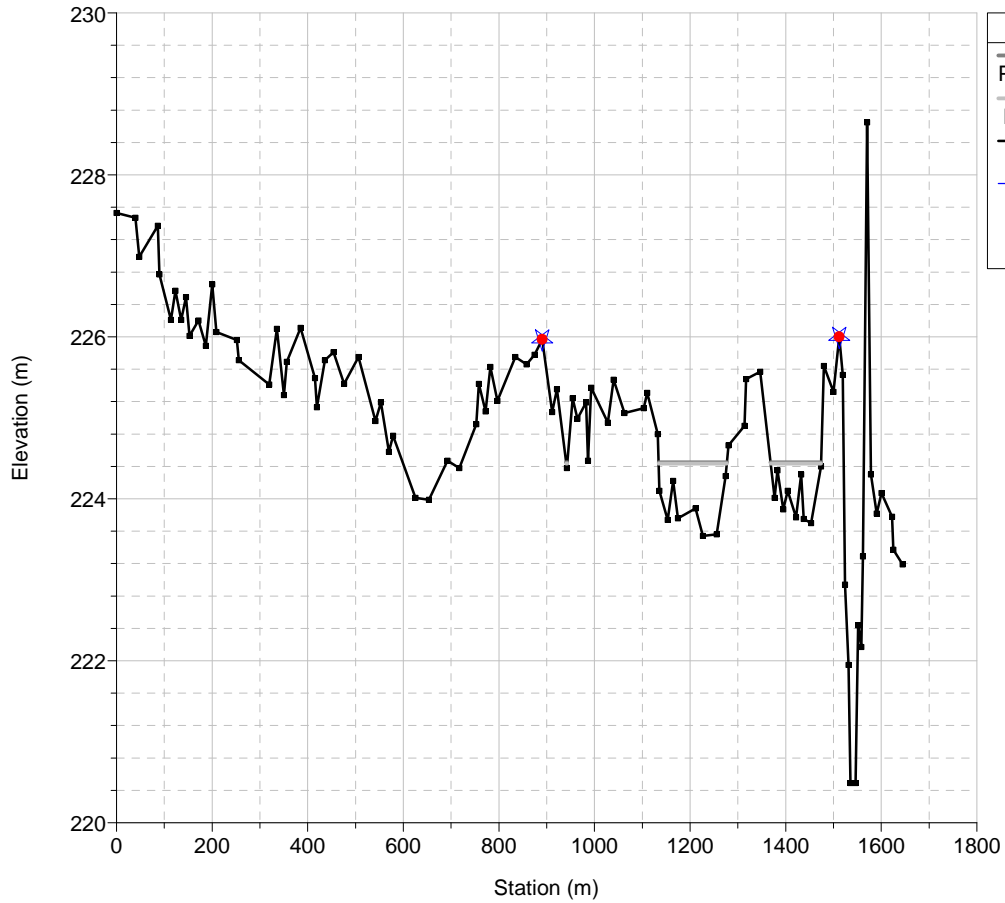
E\_FMTPN\_SX1 Plan: 1) 200 post PA 2) 200 pre PA  
River = E\_FMTPN\_SX1\_M Reach = MONTE RS = 5355.513



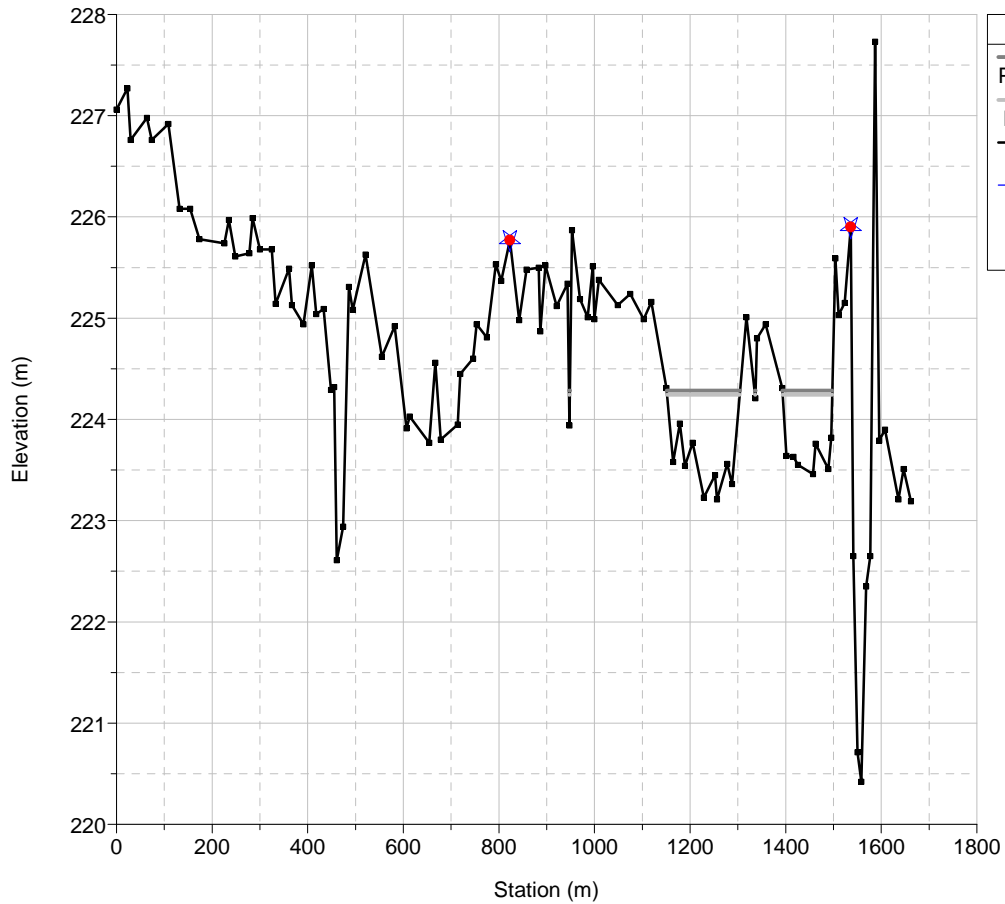
E\_FMTPN\_SX1 Plan: 1) 200 post PA 2) 200 pre PA  
River = E\_FMTPN\_SX1\_M Reach = MONTE RS = 5330.123



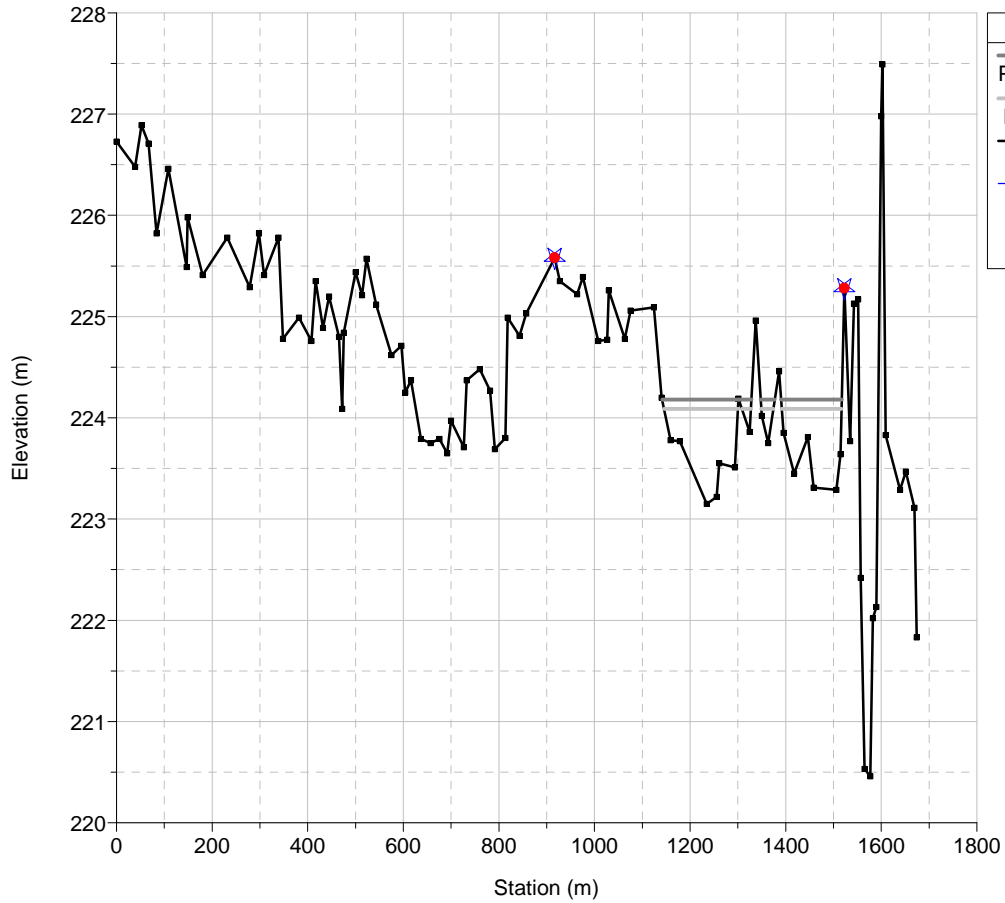
E\_FMTPN\_SX1 Plan: 1) 200 post PA 2) 200 pre PA  
River = E\_FMTPN\_SX1\_M Reach = MONTE RS = 5849.152



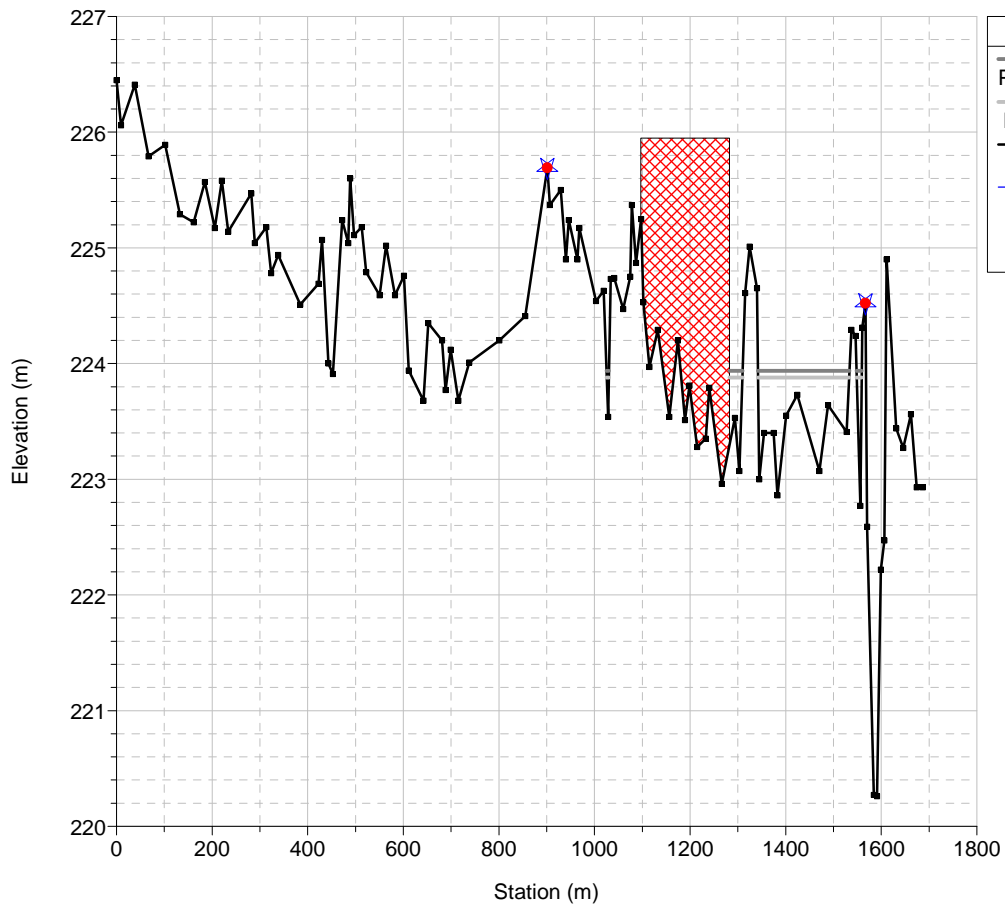
E\_FMTPN\_SX1 Plan: 1) 200 post PA 2) 200 pre PA  
River = E\_FMTPN\_SX1\_M Reach = MONTE RS = 5824.070



E\_FMPN\_SX1 Plan: 1) 200 post PA 2) 200 pre PA  
 River = E\_FMPN\_SX1\_M Reach = MONTE RS = 5799.192



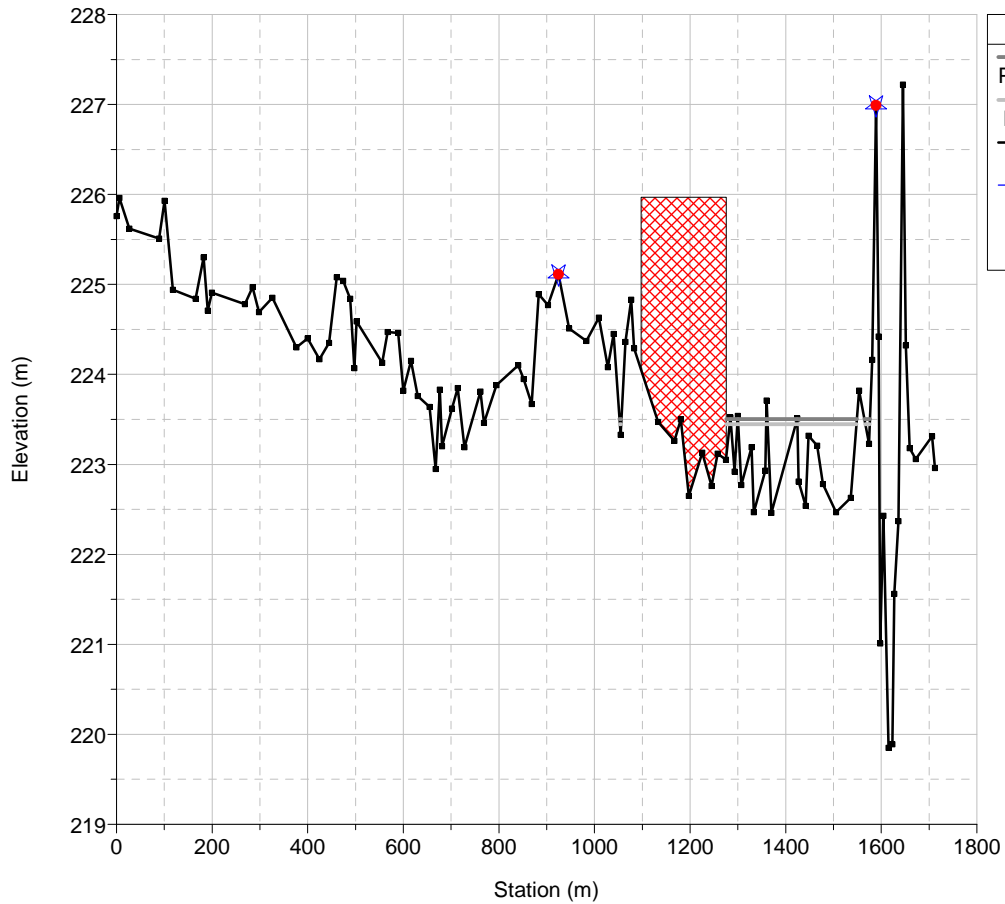
E\_FMPN\_SX1 Plan: 1) 200 post PA 2) 200 pre PA  
 River = E\_FMPN\_SX1\_M Reach = MONTE RS = 5774.352



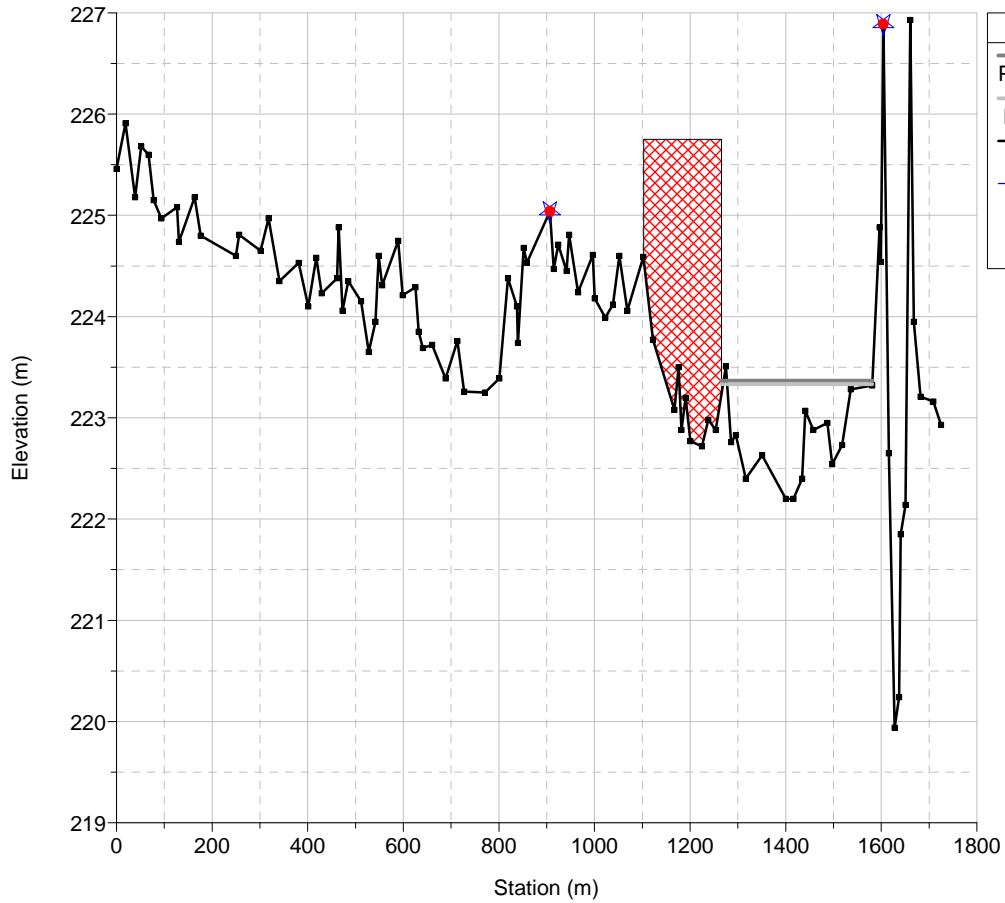
E\_FMTPN\_SX1 Plan: 1) 200 post PA 2) 200 pre PA  
River = E\_FMTPN\_SX1\_M Reach = MONTE RS = 5749.548



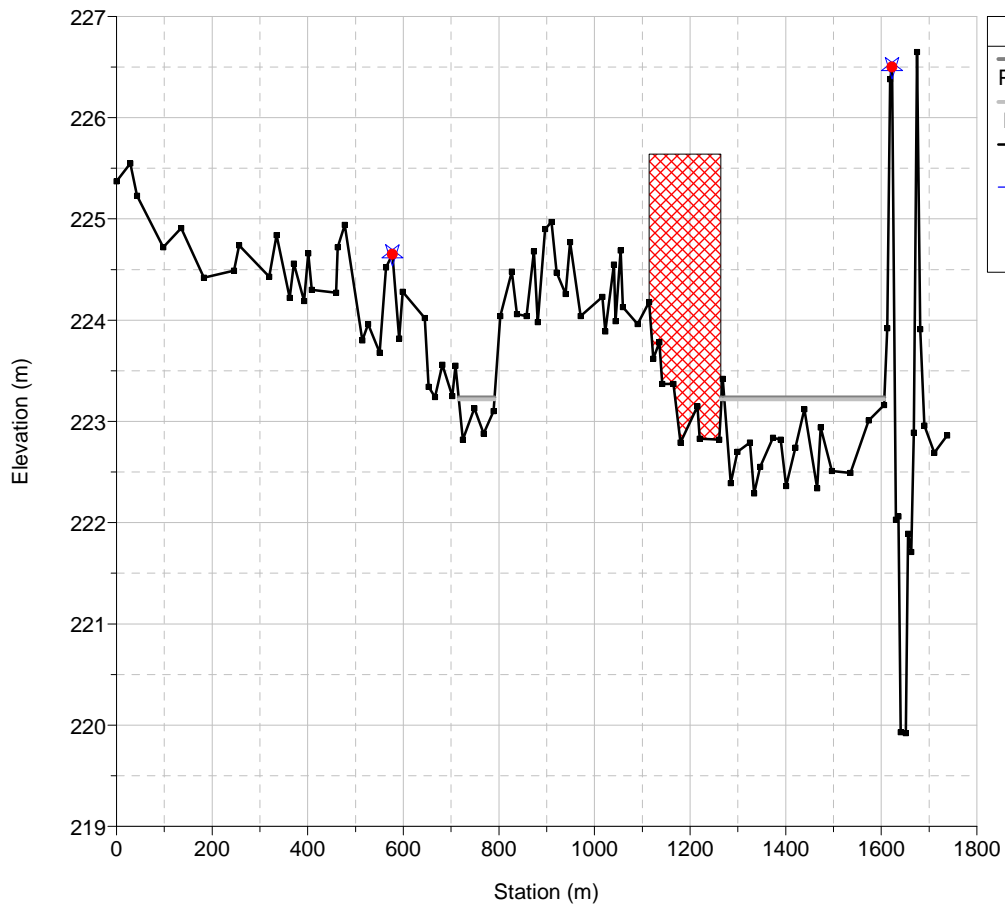
E\_FMTPN\_SX1 Plan: 1) 200 post PA 2) 200 pre PA  
River = E\_FMTPN\_SX1\_M Reach = MONTE RS = 5724.780



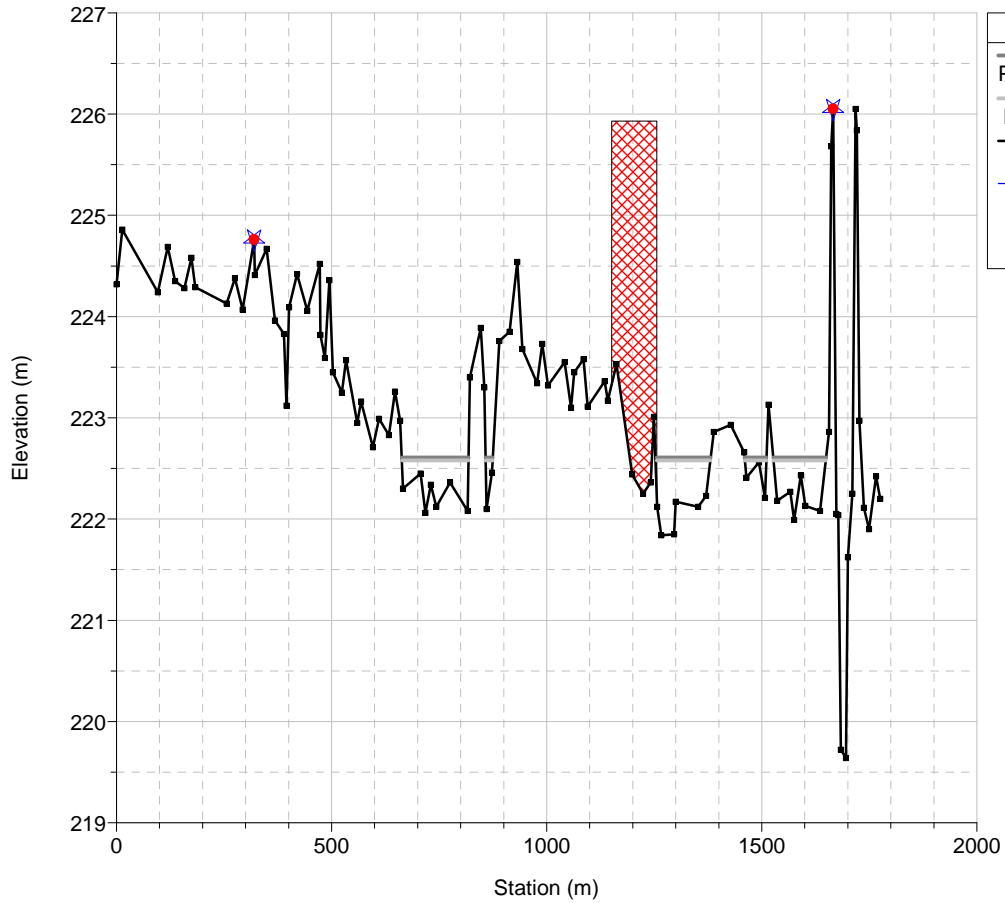
E\_FMTPN\_SX1 Plan: 1) 200 post PA 2) 200 pre PA  
River = E\_FMTPN\_SX1\_M Reach = MONTE RS = 5700.048



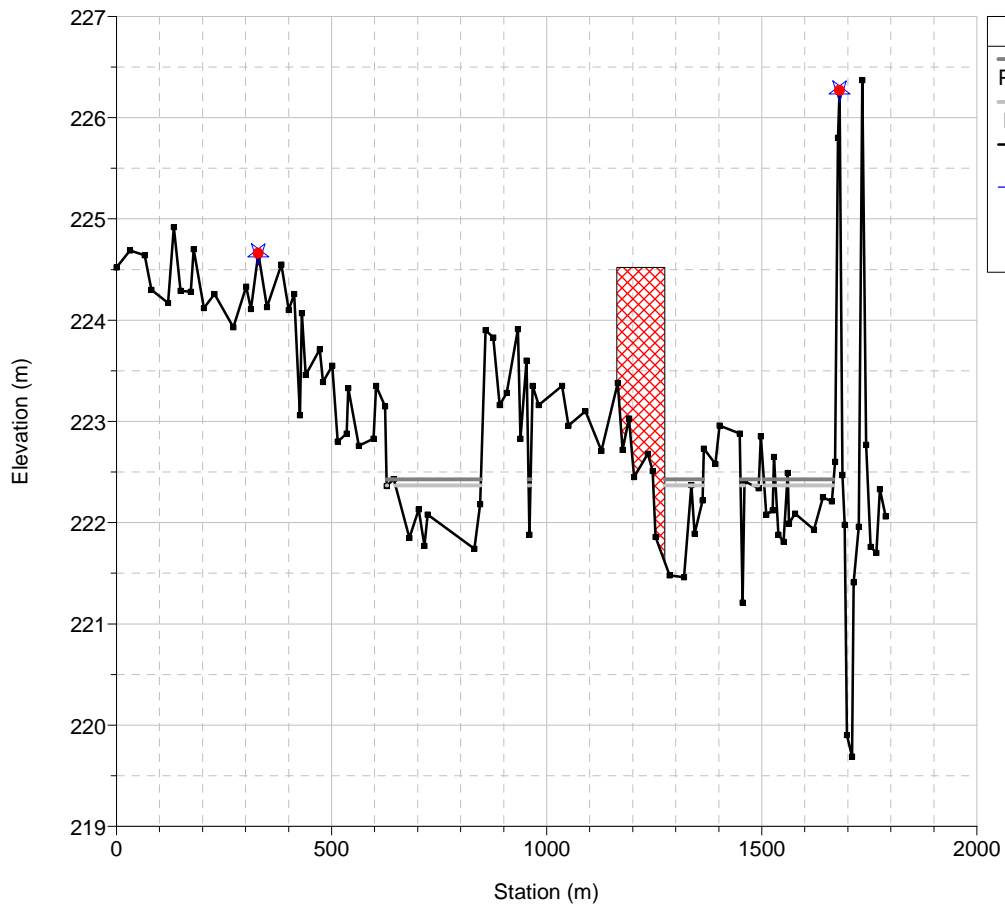
E\_FMTPN\_SX1 Plan: 1) 200 post PA 2) 200 pre PA  
River = E\_FMTPN\_SX1\_M Reach = MONTE RS = 5675.348



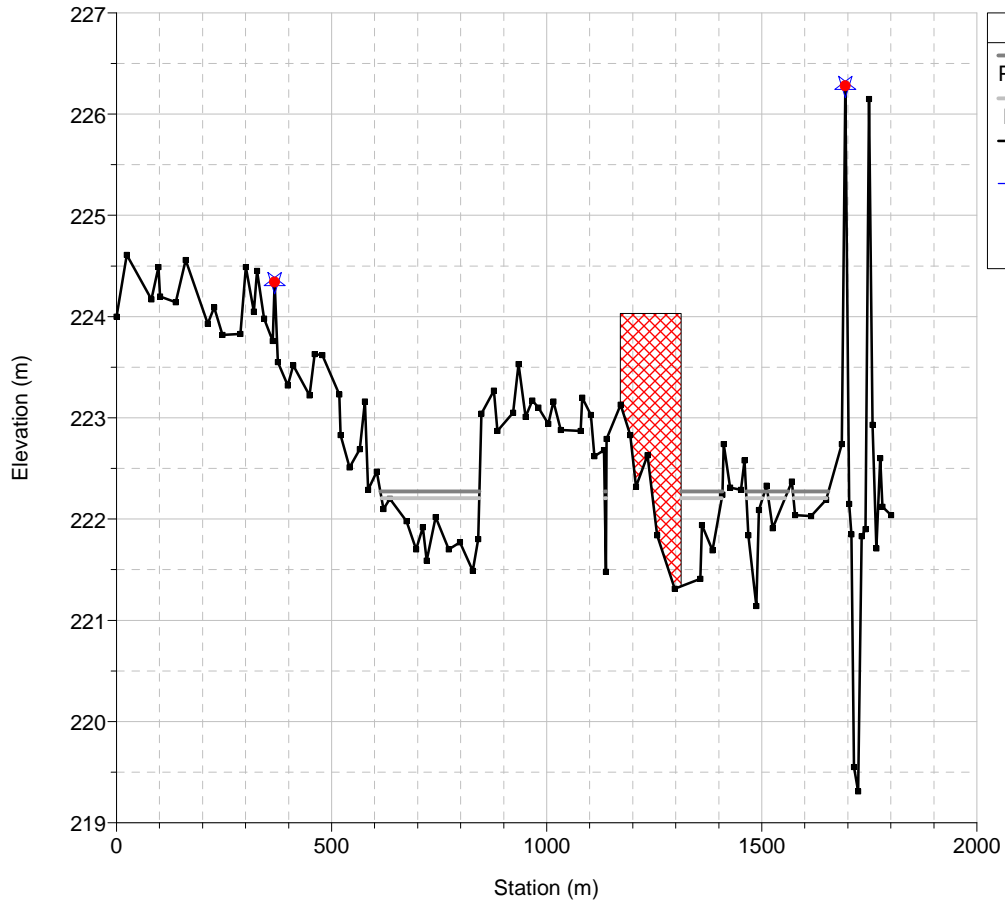
E\_FMTPN\_SX1 Plan: 1) 200 post PA 2) 200 pre PA  
River = E\_FMTPN\_SX1\_M Reach = MONTE RS = 5601.376



E\_FMTPN\_SX1 Plan: 1) 200 post PA 2) 200 pre PA  
River = E\_FMTPN\_SX1\_M Reach = MONTE RS = 5576.780

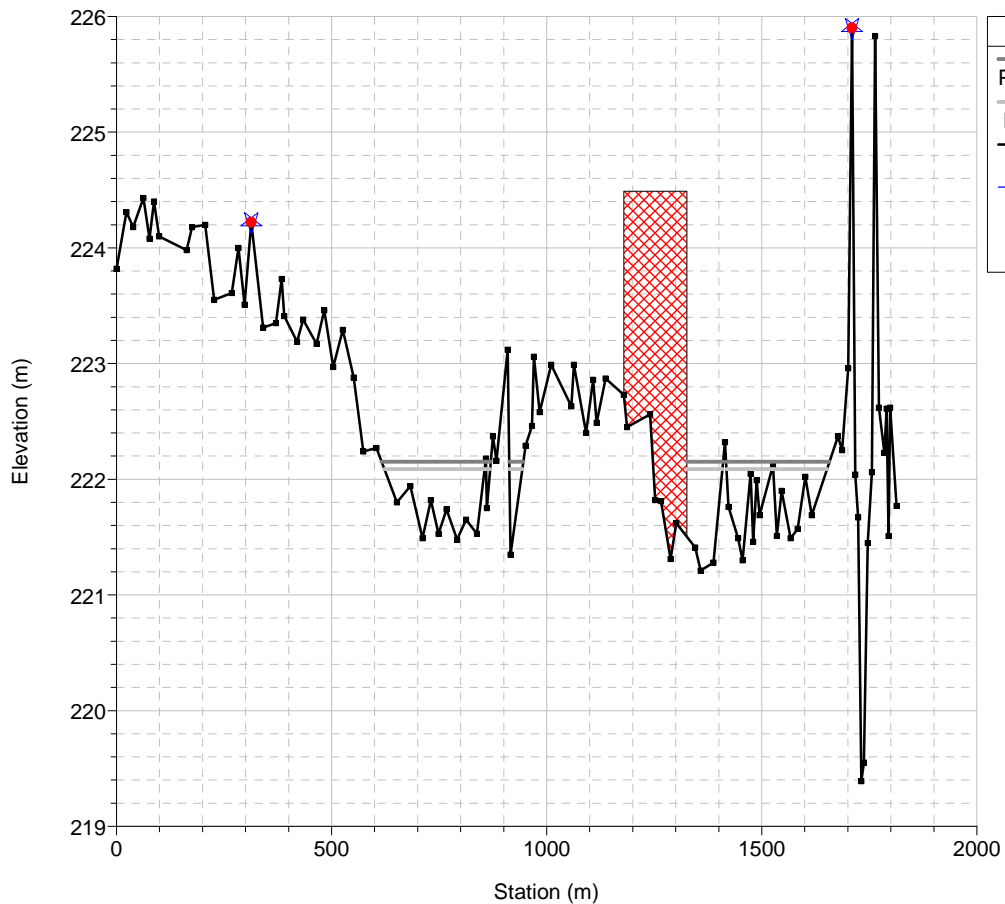


E\_FMTPN\_SX1 Plan: 1) 200 post PA 2) 200 pre PA  
River = E\_FMTPN\_SX1\_M Reach = MONTE RS = 5552.214



Legend	
P.L. Max WS - 200 post PA	—
P.L. Max WS - 200 pre PA	—
Fondo alveo	—
Argine	★
Alveo principale	●

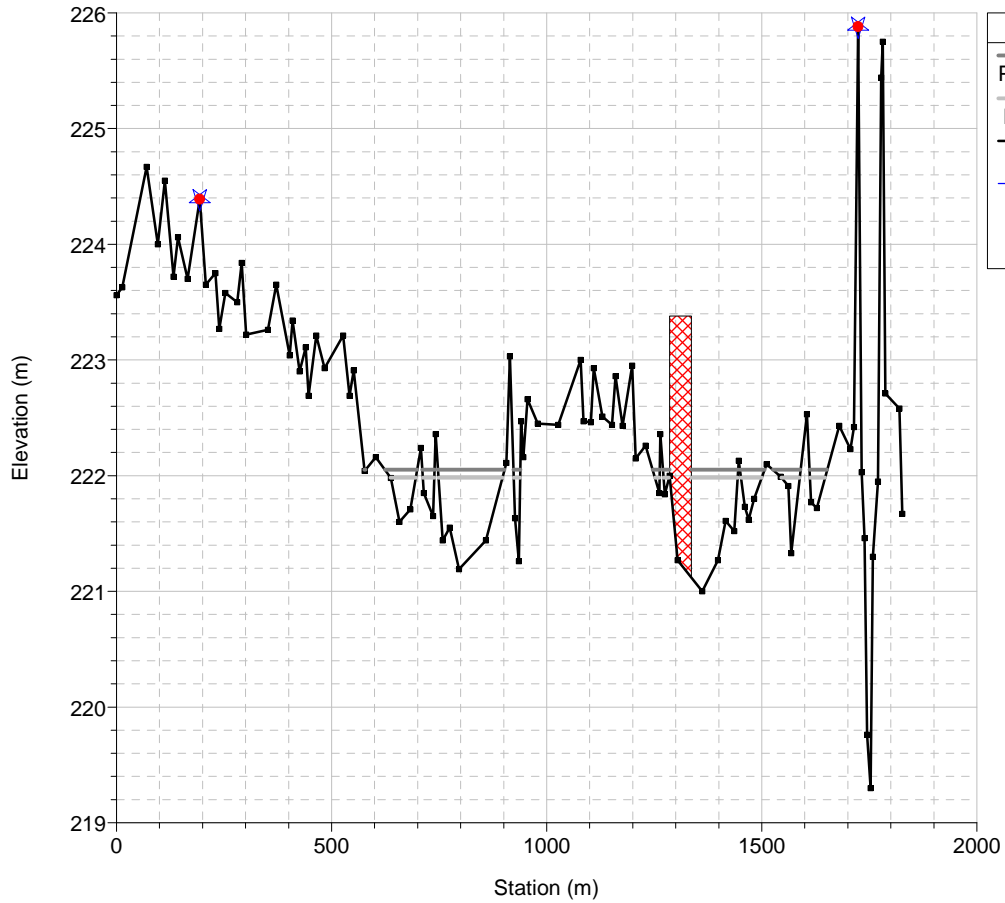
E\_FMTPN\_SX1 Plan: 1) 200 post PA 2) 200 pre PA  
River = E\_FMTPN\_SX1\_M Reach = MONTE RS = 5527.677



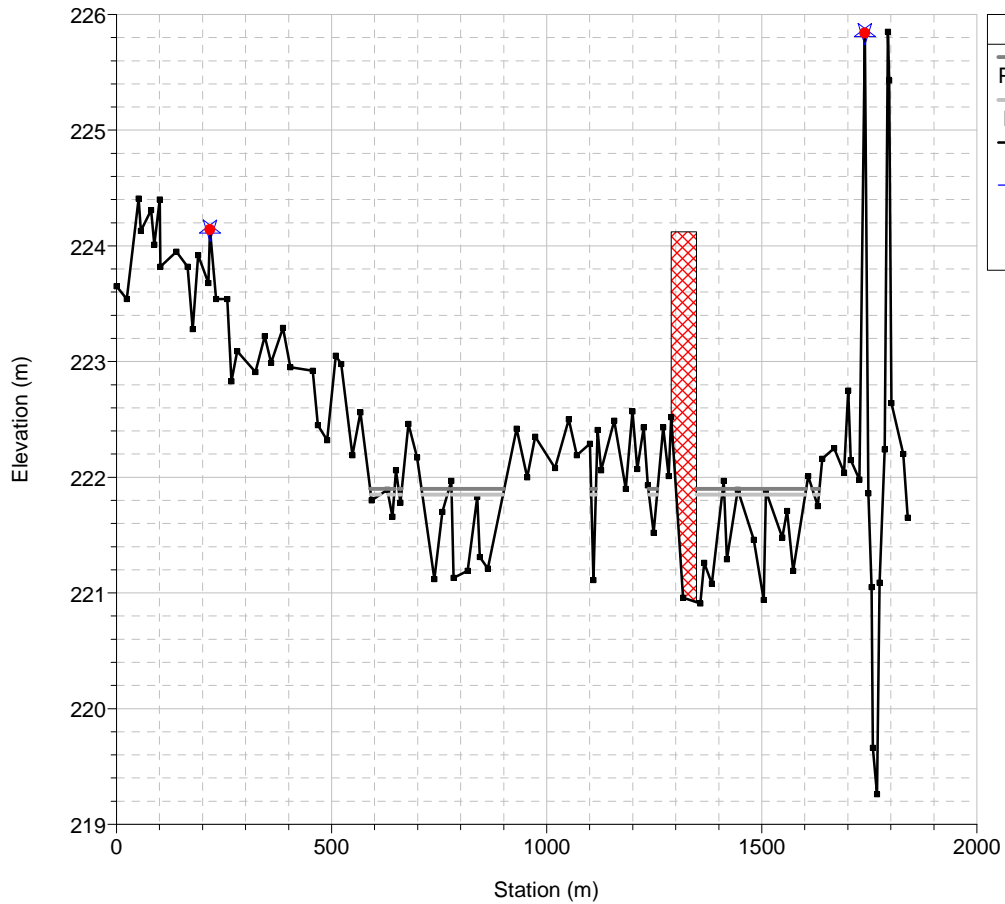
Legend	
P.L. Max WS - 200 post PA	—
P.L. Max WS - 200 pre PA	—
Fondo alveo	—
Argine	★
Alveo principale	●



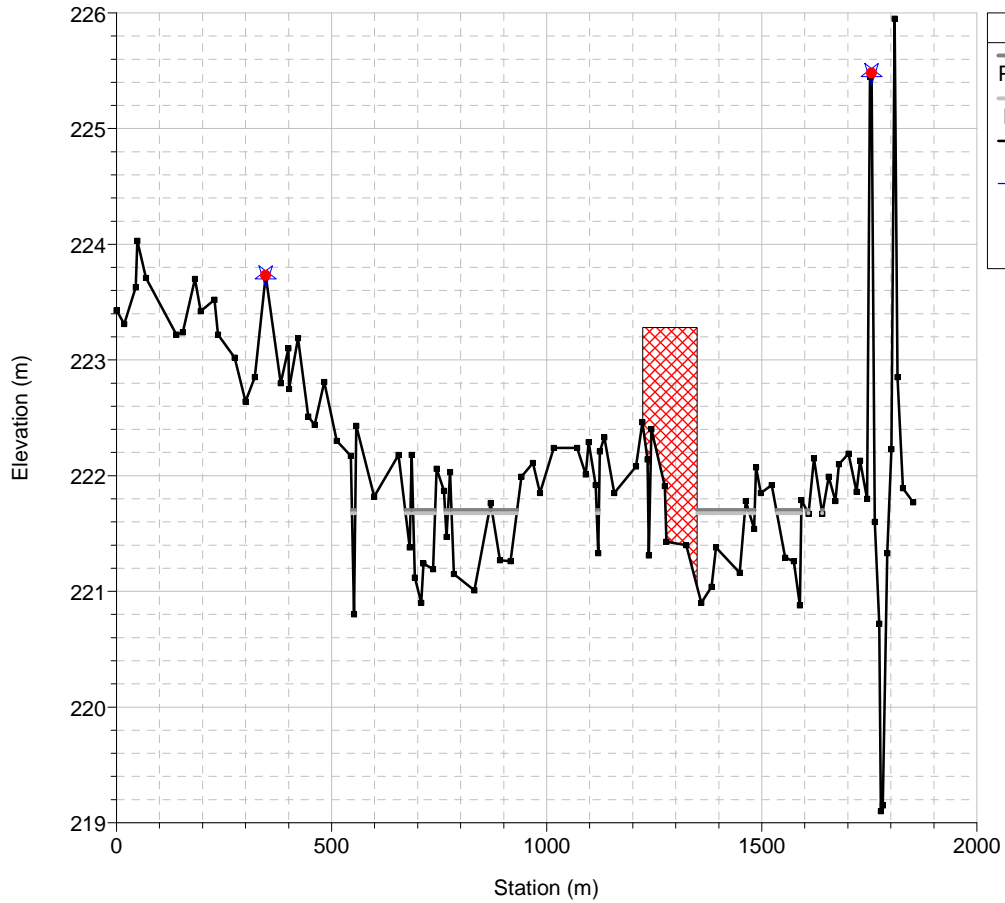
E\_FMTPN\_SX1 Plan: 1) 200 post PA 2) 200 pre PA  
River = E\_FMTPN\_SX1\_M Reach = MONTE RS = 5503.169



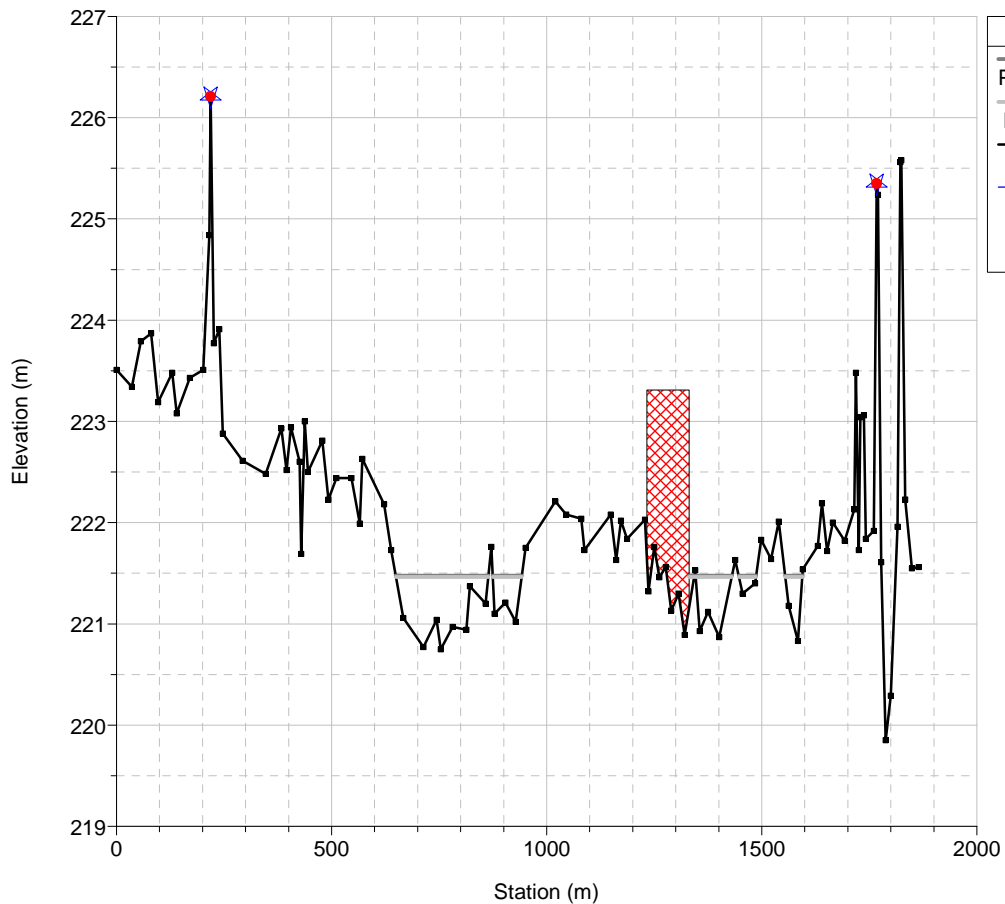
E\_FMTPN\_SX1 Plan: 1) 200 post PA 2) 200 pre PA  
River = E\_FMTPN\_SX1\_M Reach = MONTE RS = 5478.688



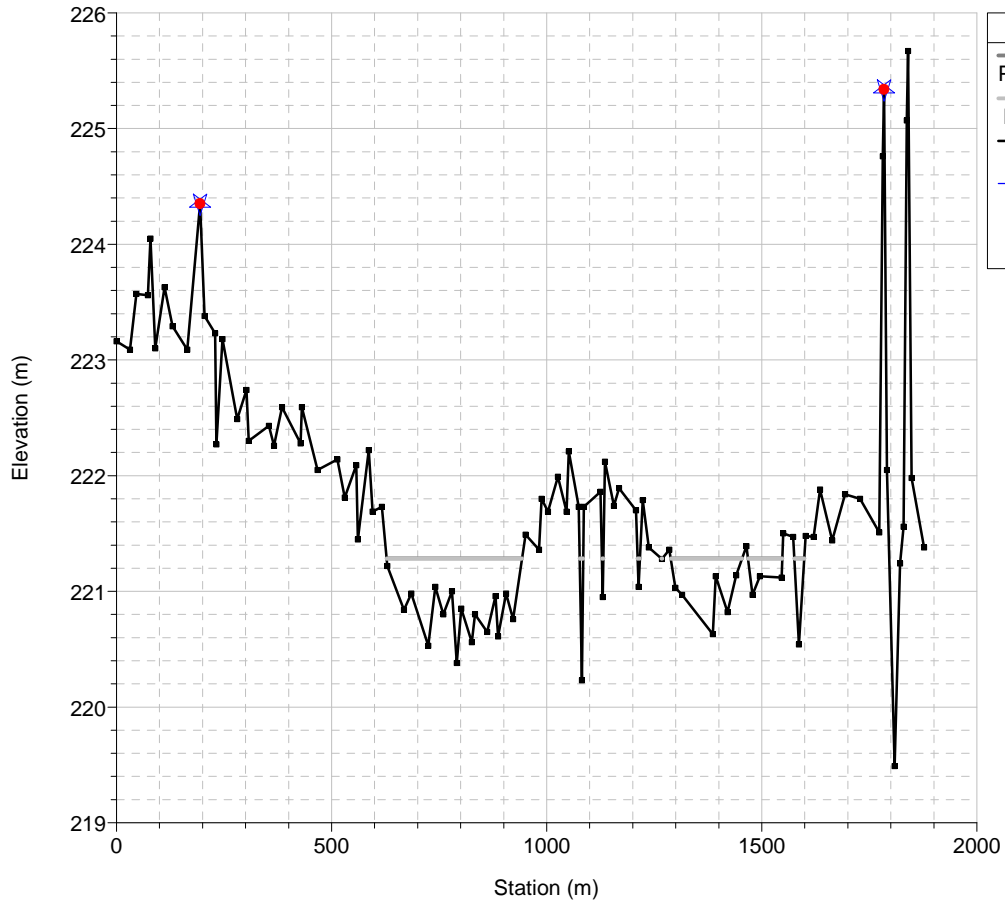
E\_FMTPN\_SX1 Plan: 1) 200 post PA 2) 200 pre PA  
 River = E\_FMTPN\_SX1\_M Reach = MONTE RS = 5454.234



E\_FMTPN\_SX1 Plan: 1) 200 post PA 2) 200 pre PA  
 River = E\_FMTPN\_SX1\_M Reach = MONTE RS = 5429.808



E\_FMTPN\_SX1 Plan: 1) 200 post PA 2) 200 pre PA  
River = E\_FMTPN\_SX1\_M Reach = MONTE RS = 5405.408



E\_FMTPN\_SX1 Plan: 1) 200 post PA 2) 200 pre PA  
River = E\_FMTPN\_SX1\_M Reach = MONTE RS = 5381.033

