

Proposed Scour Wall with Culvert under Ventura Rd

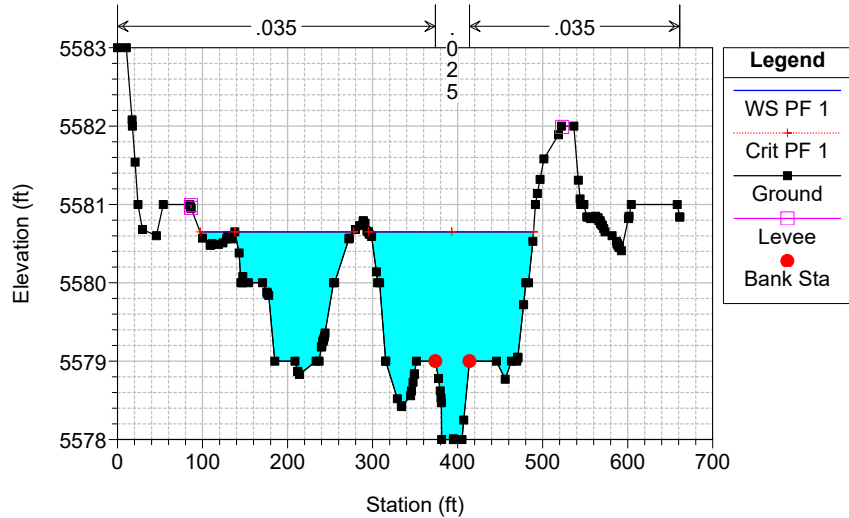
HEC-RAS Plan: Plan 93 River: From DS Reach: From DS Profile: PF 1

Reach	River Sta	Profile	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	E.G. Elev (ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
From DS	1880.1	PF 1	3090.00	5578.00	5580.65	5580.65	5581.59	0.010833	11.04	480.38	374.74	1.26
From DS	1792.49	PF 1	3090.00	5575.28	5577.40	5578.22	5579.89	0.027793	13.43	279.11	281.13	1.88
From DS	1657.47	PF 1	3090.00	5571.00	5573.57	5574.32	5576.17	0.027070	14.10	290.24	280.79	1.89
From DS	1567.85	PF 1	3090.00	5568.68	5573.59	5571.79	5573.78	0.000647	4.12	1030.75	319.65	0.34
From DS	1508.52	PF 1	3090.00	5567.37	5572.82	5571.30	5573.68	0.000483	7.42	416.31	506.92	0.58
From DS	1508.00		Culvert									
From DS	1454.61	PF 1	3090.00	5565.37	5569.49	5569.49	5571.27	0.006064	10.71	288.58	219.67	1.01
From DS	1381.28	PF 1	3090.00	5563.71	5566.08	5567.33	5569.83	0.030496	15.54	198.90	106.17	2.00
From DS	1354.1	PF 1	3090.00	5563.00	5565.19	5566.44	5568.98	0.031639	16.04	200.82	105.16	2.07
From DS	1323.43	PF 1	3090.00	5562.00	5564.39	5565.64	5568.04	0.027567	15.55	205.28	105.75	1.95
From DS	1297.14	PF 1	3090.00	5561.00	5563.44	5564.55	5567.24	0.033305	16.12	203.68	116.40	2.11
From DS	1274.91	PF 1	3090.00	5560.00	5562.36	5563.59	5566.47	0.038248	16.68	192.78	109.38	2.24
From DS	1254.2	PF 1	3090.00	5559.00	5561.87	5563.05	5565.69	0.030473	15.69	197.06	105.74	2.02
From DS	1238.15	PF 1	3090.00	5558.00	5560.95	5562.18	5565.18	0.028405	17.55	200.18	95.35	2.02
From DS	1207.37	PF 1	3090.00	5557.00	5559.81	5561.22	5564.21	0.027938	16.89	186.70	87.41	1.97
From DS	1174.73	PF 1	3090.00	5556.00	5558.82	5559.83	5563.30	0.027292	18.10	213.25	132.71	2.01
From DS	1130.17	PF 1	3090.00	5555.00	5558.13	5559.37	5562.13	0.022063	16.63	209.66	102.81	1.81
From DS	1089.42	PF 1	3090.00	5553.00	5555.65	5557.04	5560.71	0.052414	18.03	171.41	103.88	2.46
From DS	1047.06	PF 1	3090.00	5551.93	5554.39	5555.59	5558.47	0.040678	16.21	192.00	116.01	2.17
From DS	999.65	PF 1	3090.00	5550.58	5552.98	5554.19	5556.80	0.028002	15.67	197.17	99.18	1.96
From DS	873	PF 1	3090.00	5546.55	5549.48	5550.64	5553.17	0.029043	15.42	200.43	117.64	2.08
From DS	793	PF 1	3090.00	5543.91	5548.15	5548.15	5549.58	0.006387	9.59	322.14	111.72	1.00
From DS	683.29	PF 1	3090.00	5541.00	5544.78	5545.00	5547.00	0.011890	11.99	266.59	151.16	1.33
From DS	561.38	PF 1	3090.00	5537.00	5540.21	5541.07	5542.88	0.028742	13.52	237.67	198.17	2.10
From DS	430	PF 1	3090.00	5530.85	5537.08	5534.49	5537.37	0.000697	4.51	825.89	431.92	0.36
From DS	392.85	PF 1	3090.00	5530.22	5536.52	5536.52	5537.16	0.006523	7.47	571.68	431.02	0.94
From DS	374.73	PF 1	3090.00	5529.80	5535.87	5536.25	5536.98	0.005812	9.97	527.84	417.87	0.96
From DS	346.75	PF 1	3090.00	5530.00	5534.58	5535.20	5536.48	0.016420	12.57	373.86	386.45	1.51
From DS	299.48	PF 1	3090.00	5529.00	5532.97	5533.80	5535.64	0.017200	15.18	342.56	356.95	1.61
From DS	249.63	PF 1	3090.00	5528.04	5531.70	5532.50	5534.67	0.019403	15.70	333.76	389.32	1.70
From DS	189.79	PF 1	3090.00	5526.53	5530.07	5530.95	5533.41	0.018161	16.28	317.81	371.69	1.68
From DS	151.07	PF 1	3090.00	5525.00	5528.96	5529.98	5532.46	0.019141	16.93	264.43	175.23	1.73
From DS	115.47	PF 1	3090.00	5525.00	5528.07	5528.99	5531.67	0.022816	17.15	262.06	191.09	1.86
From DS	41.45	PF 1	3090.00	5521.88	5525.08	5526.36	5529.60	0.028561	18.70	218.49	139.89	2.07

La Cueva - RESPEC Plan: Plan 93 7/9/2018

Geom: Geometry with Wall+Culvert Flow: Historic Flow

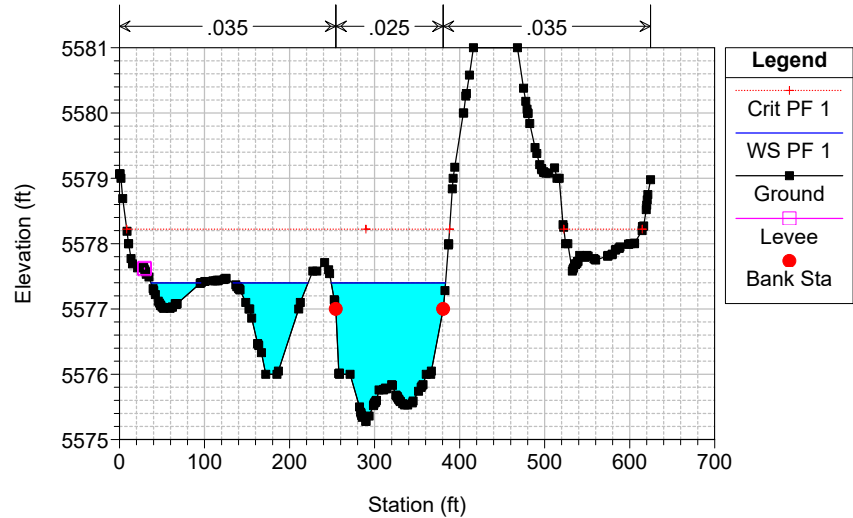
River = From DS Reach = From DS RS = 1880.1



La Cueva - RESPEC Plan: Plan 93 7/9/2018

Geom: Geometry with Wall+Culvert Flow: Historic Flow

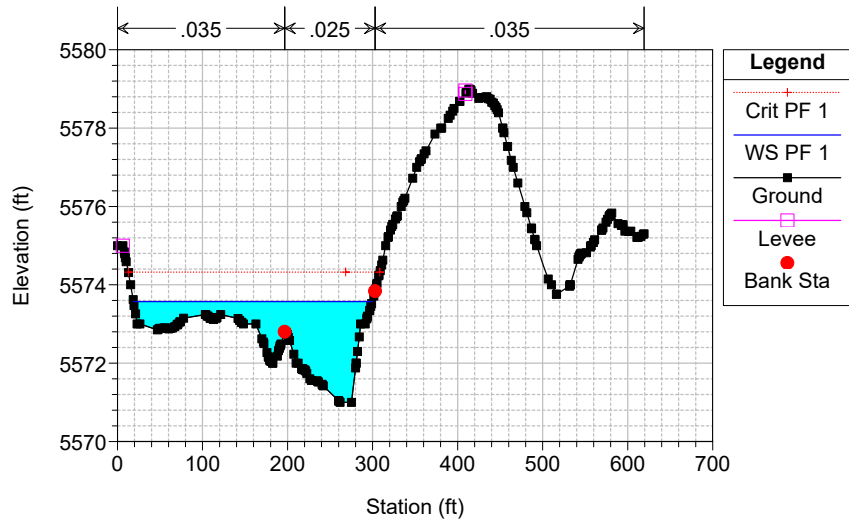
River = From DS Reach = From DS RS = 1792.49



La Cueva - RESPEC Plan: Plan 93 7/9/2018

Geom: Geometry with Wall+Culvert Flow: Historic Flow

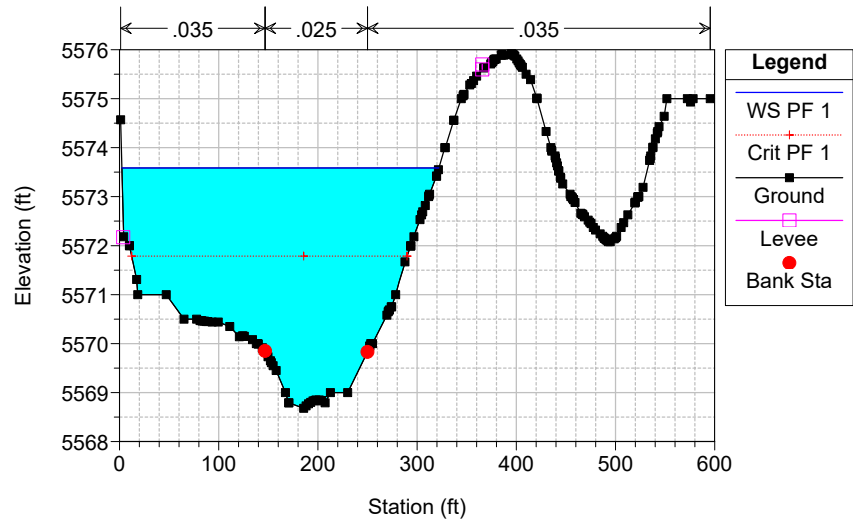
River = From DS Reach = From DS RS = 1657.47

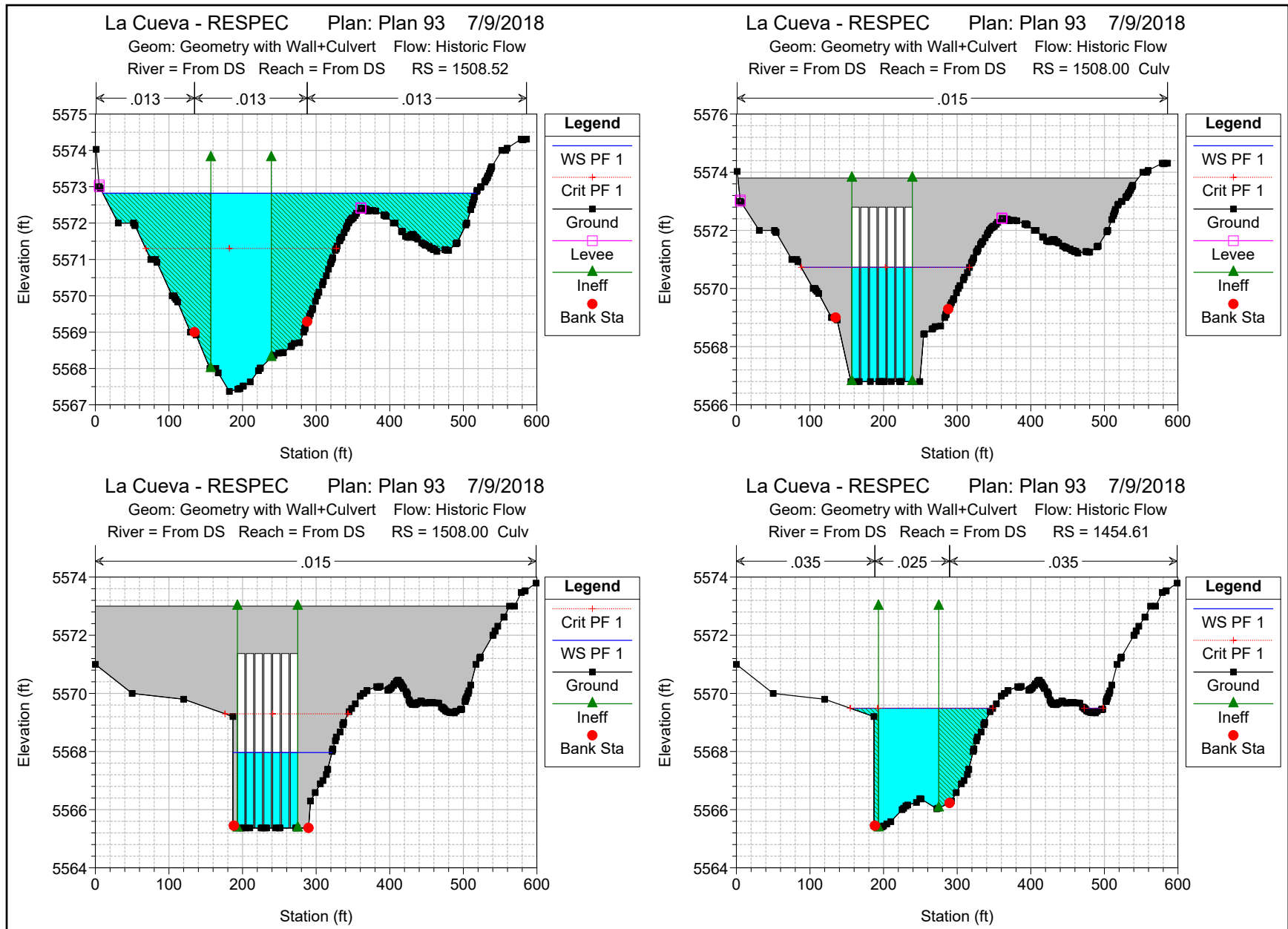


La Cueva - RESPEC Plan: Plan 93 7/9/2018

Geom: Geometry with Wall+Culvert Flow: Historic Flow

River = From DS Reach = From DS RS = 1567.85

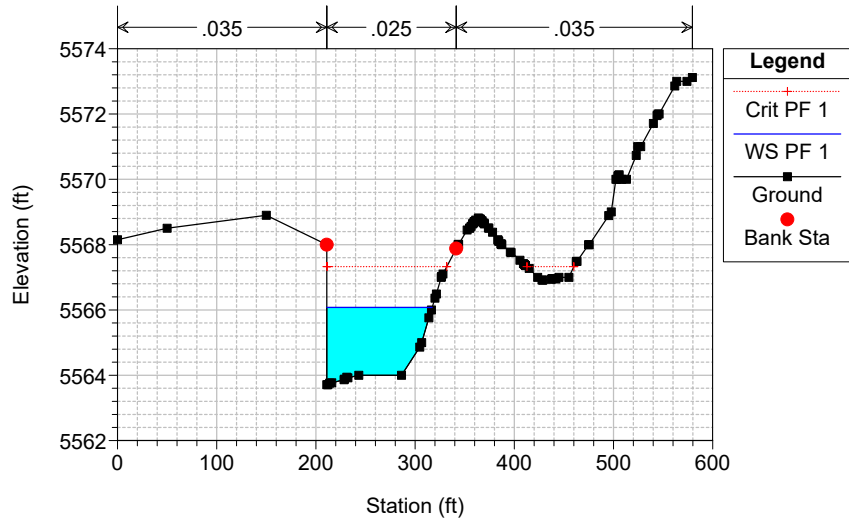




La Cueva - RESPEC Plan: Plan 93 7/9/2018

Geom: Geometry with Wall+Culvert Flow: Historic Flow

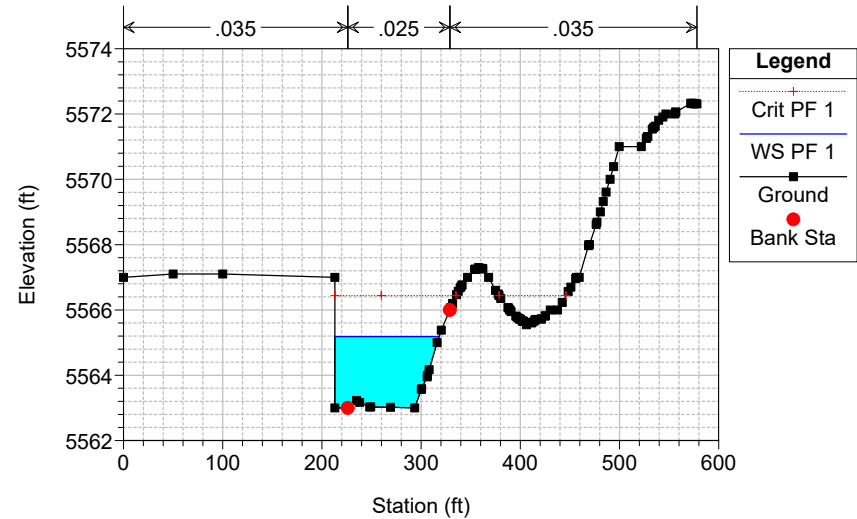
River = From DS Reach = From DS RS = 1381.28



La Cueva - RESPEC Plan: Plan 93 7/9/2018

Geom: Geometry with Wall+Culvert Flow: Historic Flow

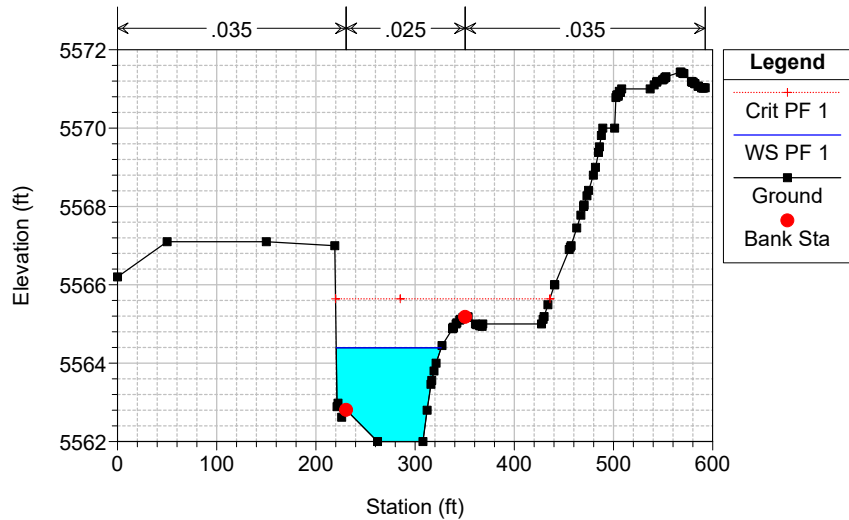
River = From DS Reach = From DS RS = 1354.1



La Cueva - RESPEC Plan: Plan 93 7/9/2018

Geom: Geometry with Wall+Culvert Flow: Historic Flow

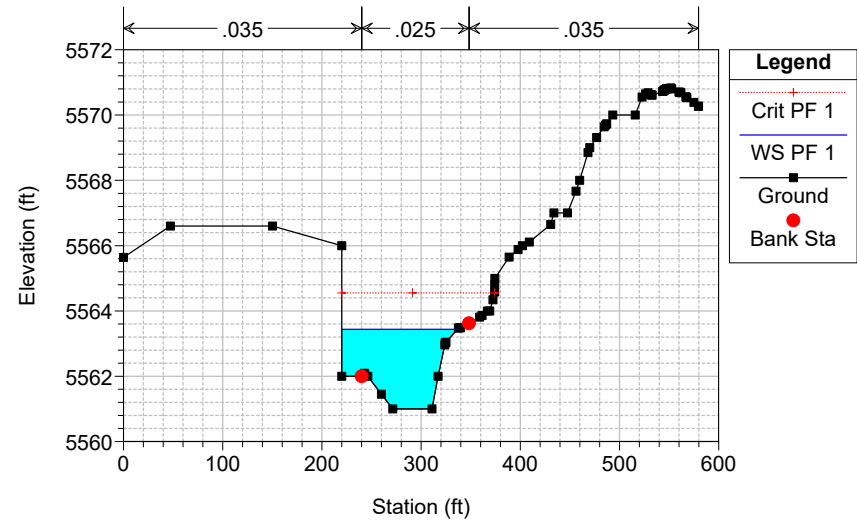
River = From DS Reach = From DS RS = 1323.43



La Cueva - RESPEC Plan: Plan 93 7/9/2018

Geom: Geometry with Wall+Culvert Flow: Historic Flow

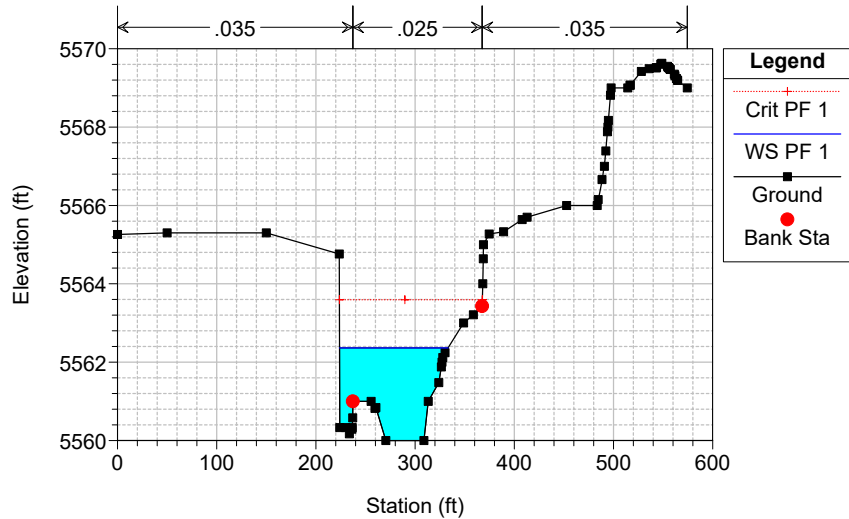
River = From DS Reach = From DS RS = 1297.14



La Cueva - RESPEC Plan: Plan 93 7/9/2018

Geom: Geometry with Wall+Culvert Flow: Historic Flow

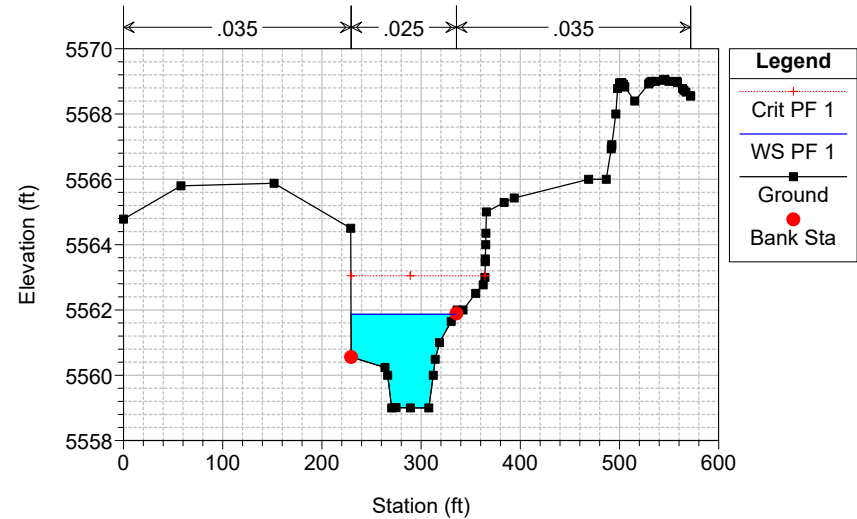
River = From DS Reach = From DS RS = 1274.91



La Cueva - RESPEC Plan: Plan 93 7/9/2018

Geom: Geometry with Wall+Culvert Flow: Historic Flow

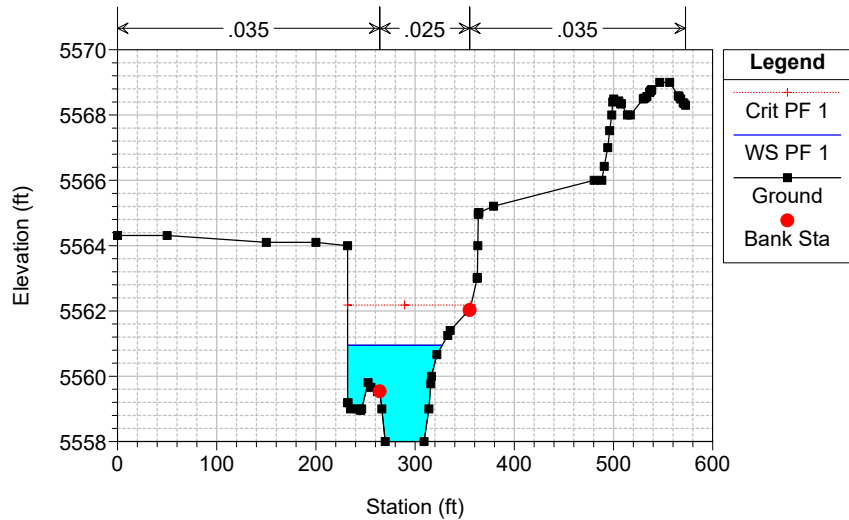
River = From DS Reach = From DS RS = 1254.2



La Cueva - RESPEC Plan: Plan 93 7/9/2018

Geom: Geometry with Wall+Culvert Flow: Historic Flow

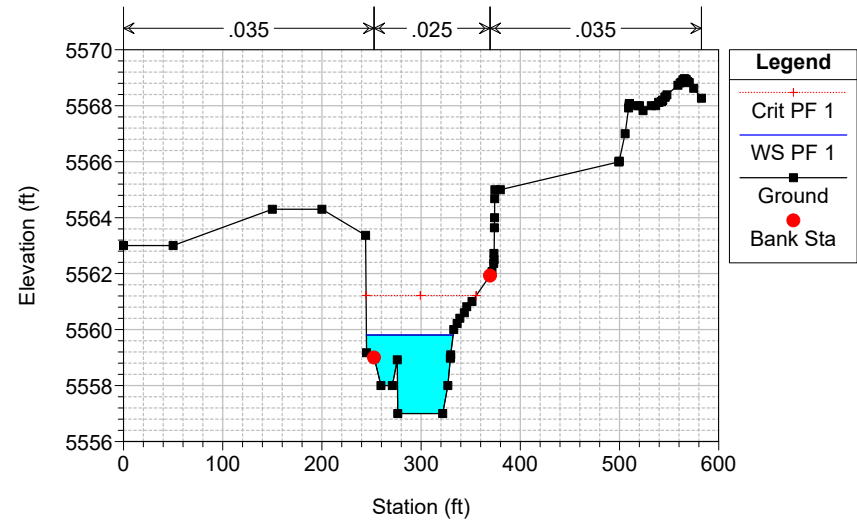
River = From DS Reach = From DS RS = 1238.15

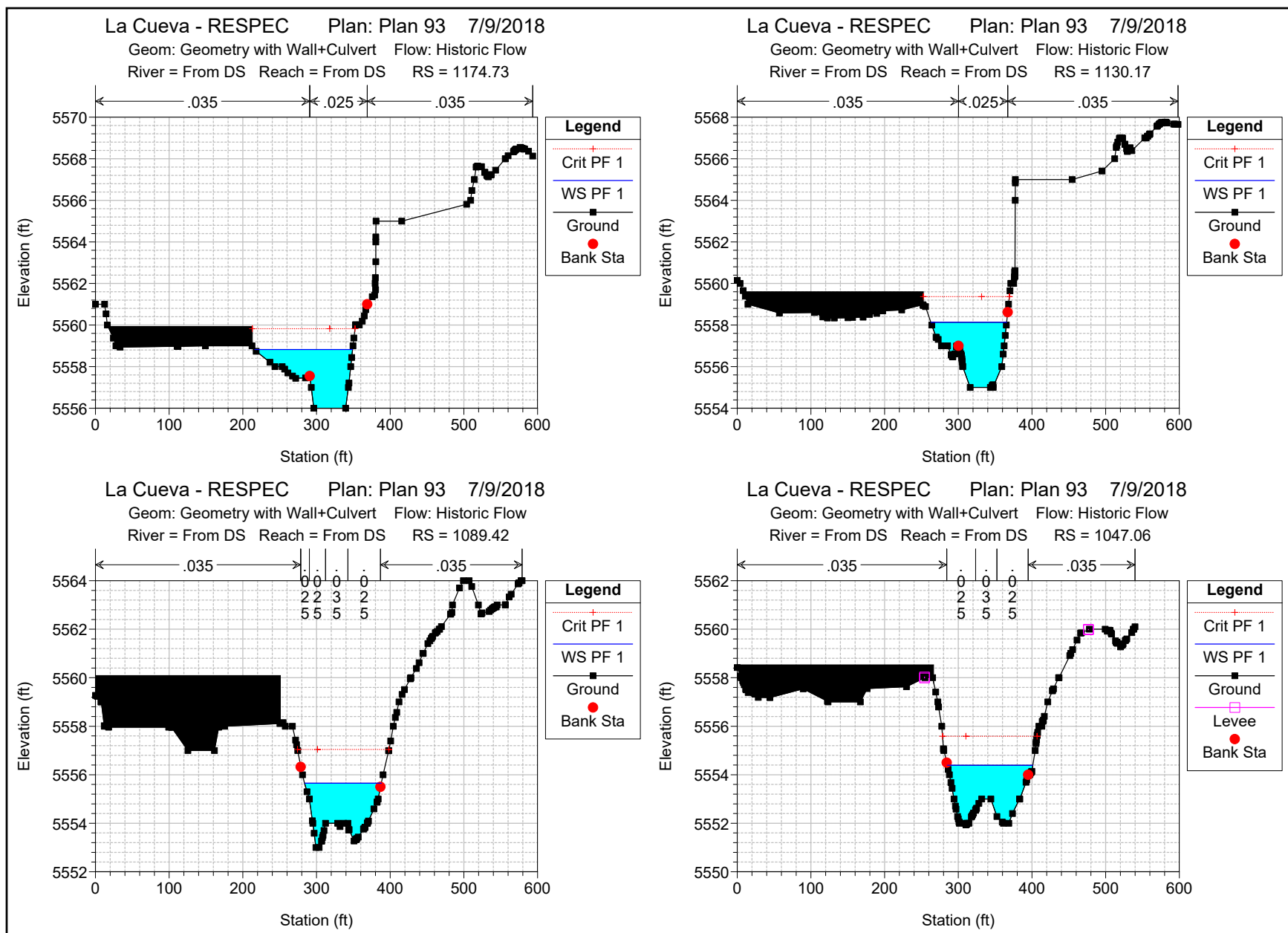


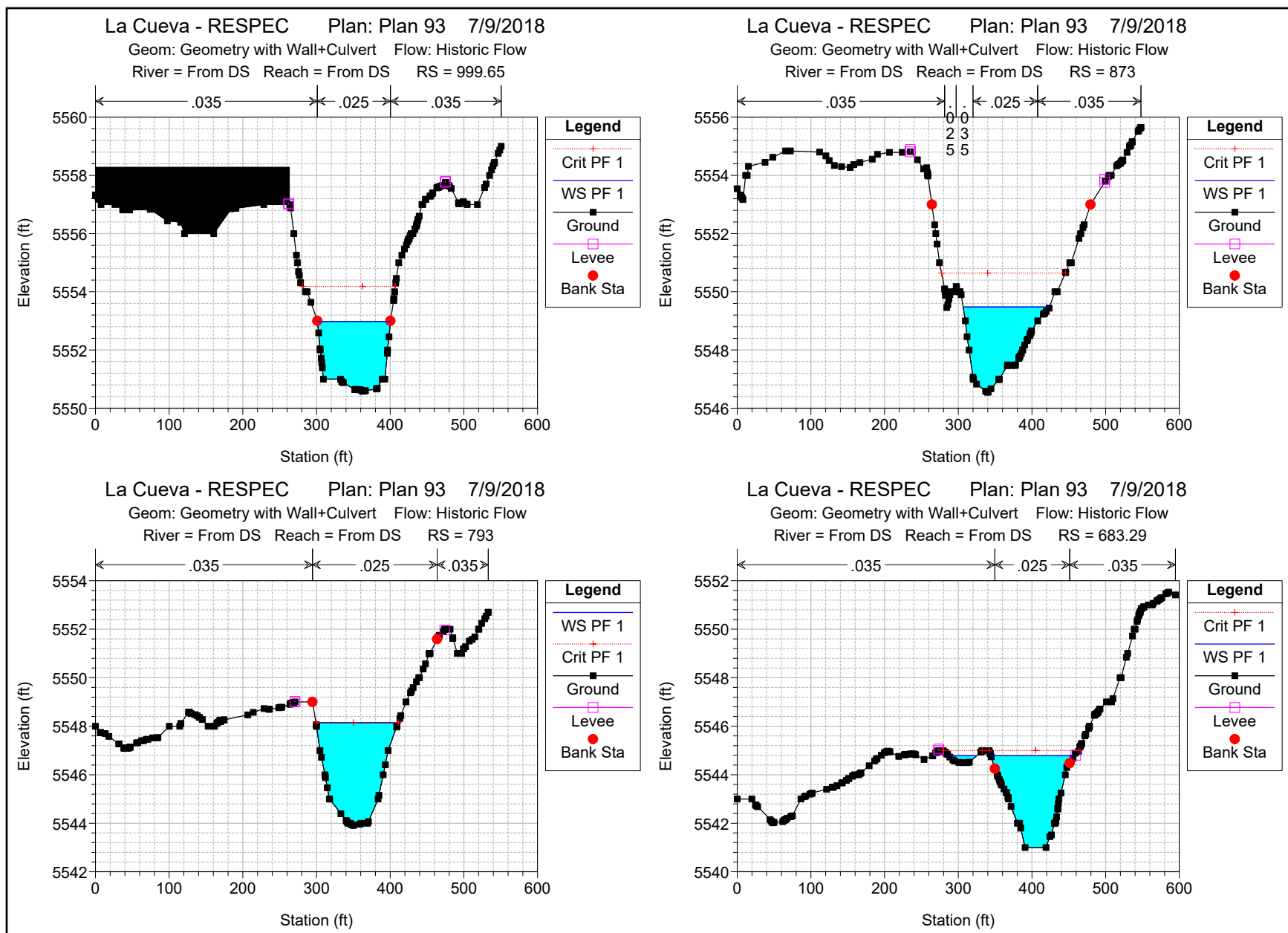
La Cueva - RESPEC Plan: Plan 93 7/9/2018

Geom: Geometry with Wall+Culvert Flow: Historic Flow

River = From DS Reach = From DS RS = 1207.37

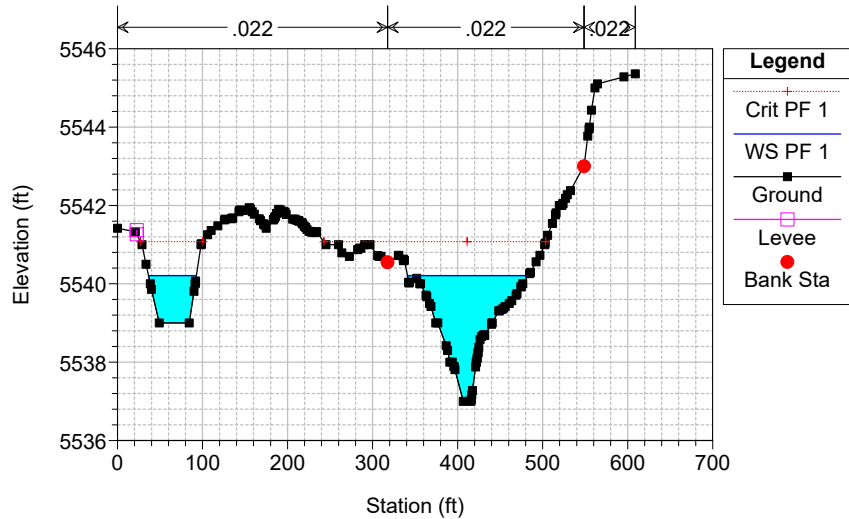






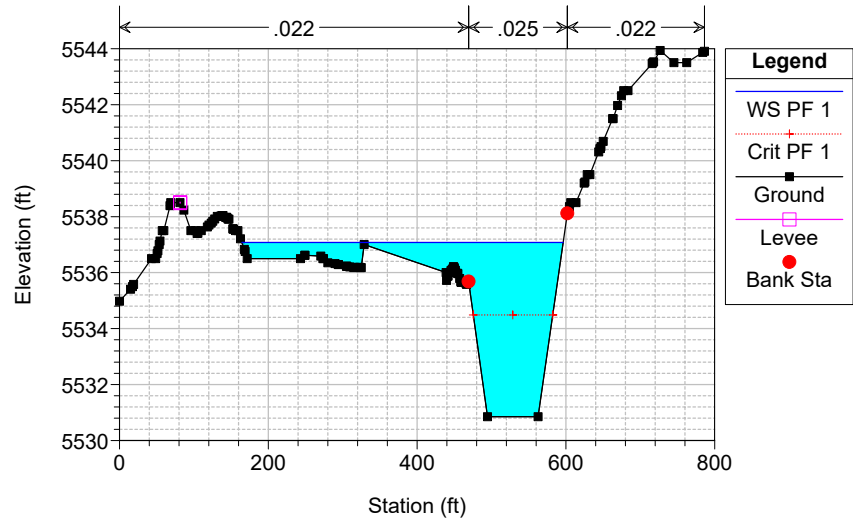
La Cueva - RESPEC Plan: Plan 93 7/9/2018

Geom: Geometry with Wall+Culvert Flow: Historic Flow
River = From DS Reach = From DS RS = 561.38



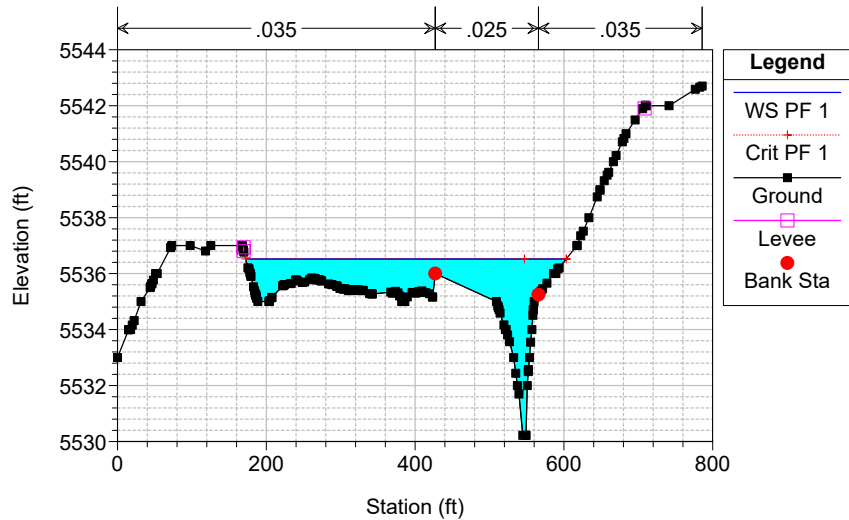
La Cueva - RESPEC Plan: Plan 93 7/9/2018

Geom: Geometry with Wall+Culvert Flow: Historic Flow
River = From DS Reach = From DS RS = 430



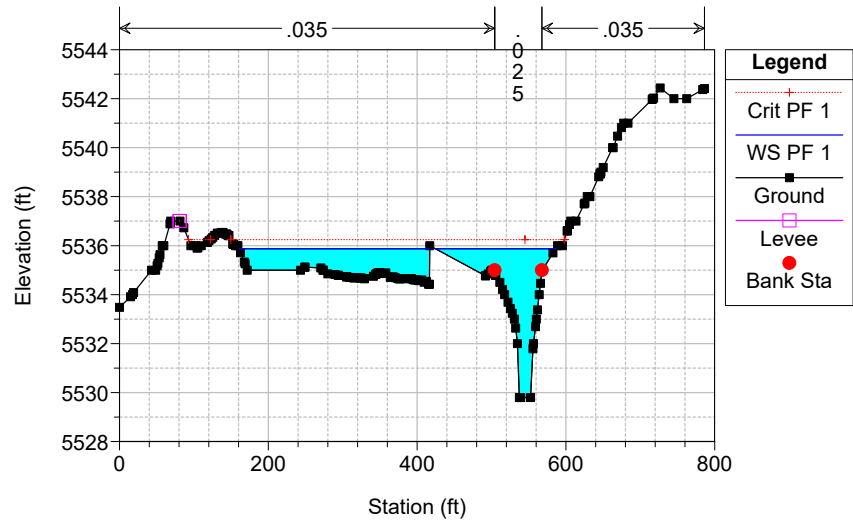
La Cueva - RESPEC Plan: Plan 93 7/9/2018

Geom: Geometry with Wall+Culvert Flow: Historic Flow
River = From DS Reach = From DS RS = 392.85



La Cueva - RESPEC Plan: Plan 93 7/9/2018

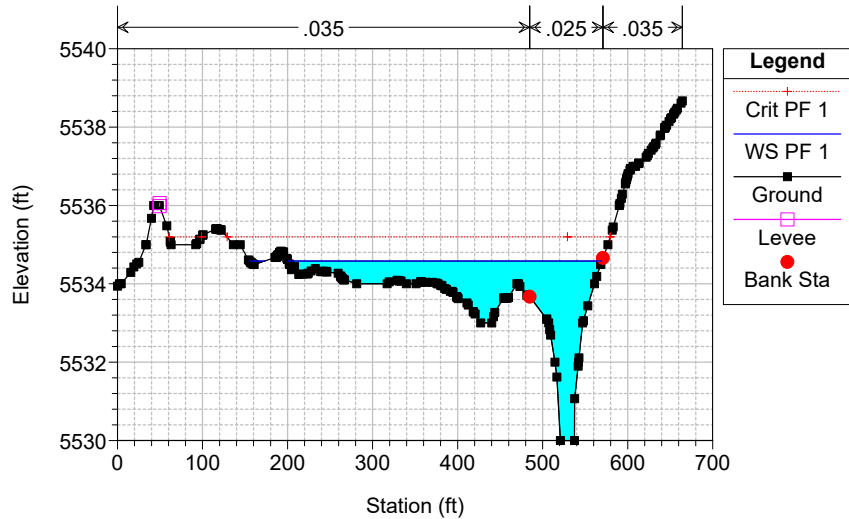
Geom: Geometry with Wall+Culvert Flow: Historic Flow
River = From DS Reach = From DS RS = 374.73



La Cueva - RESPEC Plan: Plan 93 7/9/2018

Geom: Geometry with Wall+Culvert Flow: Historic Flow

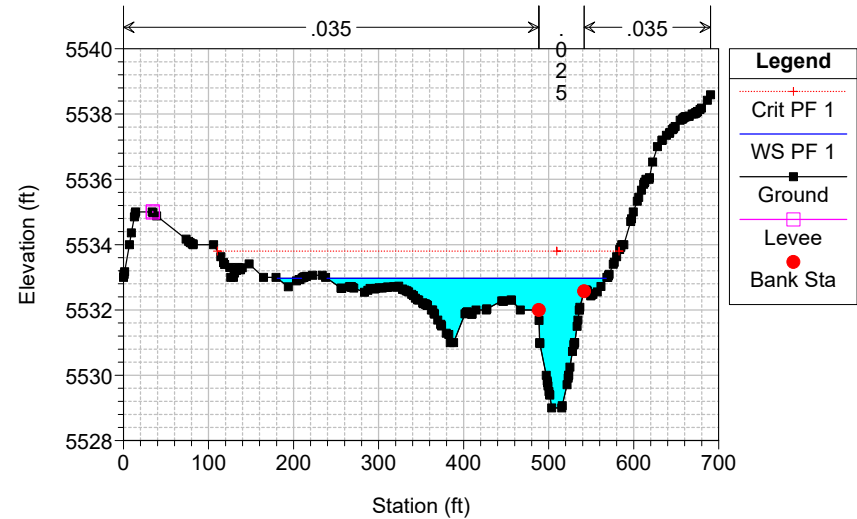
River = From DS Reach = From DS RS = 346.75



La Cueva - RESPEC Plan: Plan 93 7/9/2018

Geom: Geometry with Wall+Culvert Flow: Historic Flow

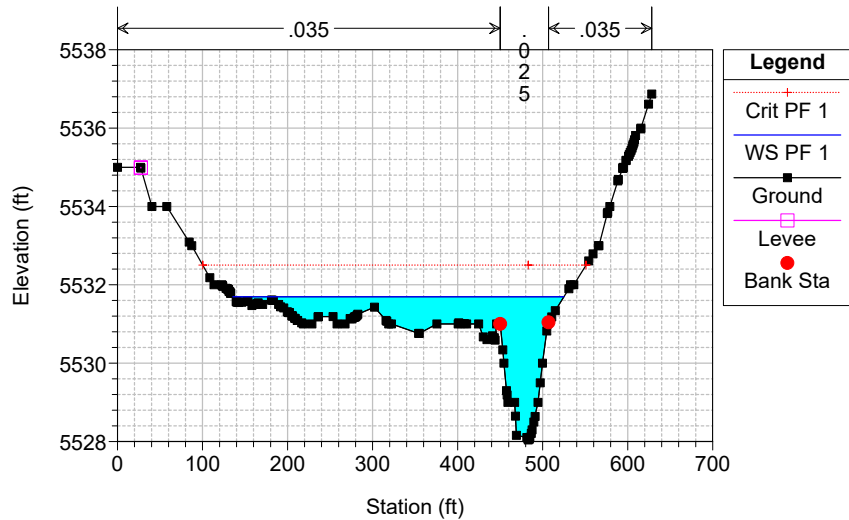
River = From DS Reach = From DS RS = 299.48



La Cueva - RESPEC Plan: Plan 93 7/9/2018

Geom: Geometry with Wall+Culvert Flow: Historic Flow

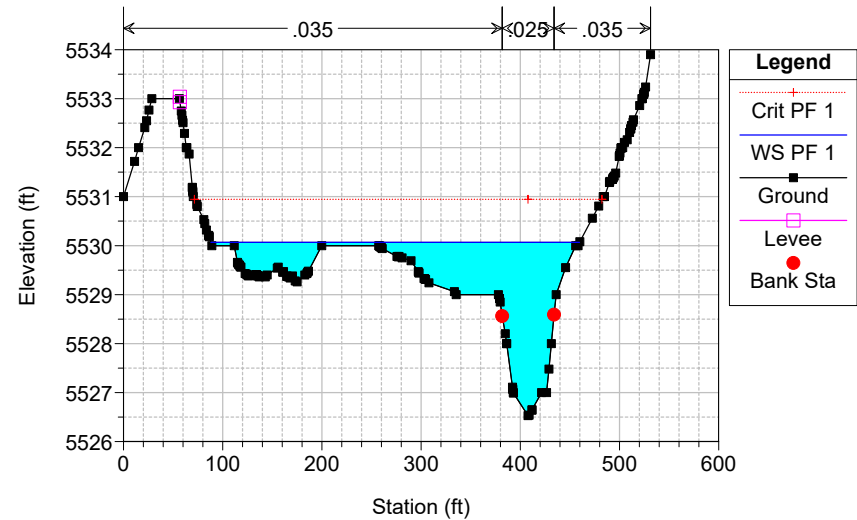
River = From DS Reach = From DS RS = 249.63



La Cueva - RESPEC Plan: Plan 93 7/9/2018

Geom: Geometry with Wall+Culvert Flow: Historic Flow

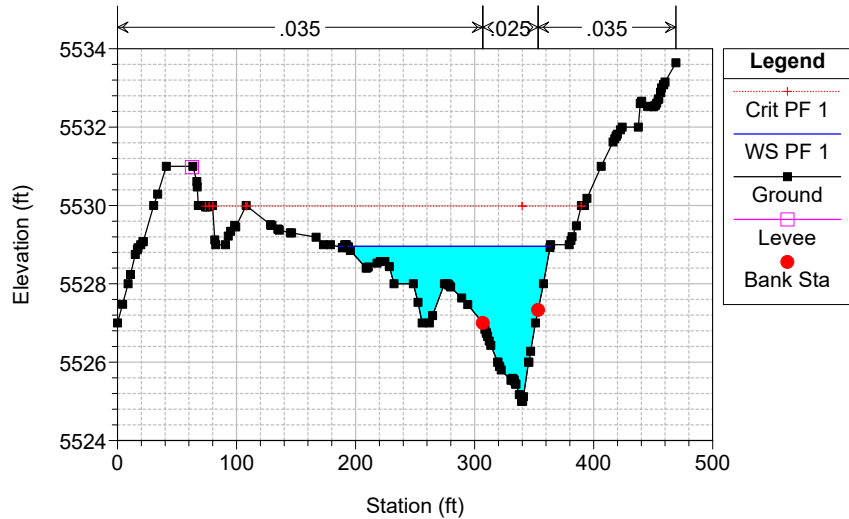
River = From DS Reach = From DS RS = 189.79



La Cueva - RESPEC Plan: Plan 93 7/9/2018

Geom: Geometry with Wall+Culvert Flow: Historic Flow

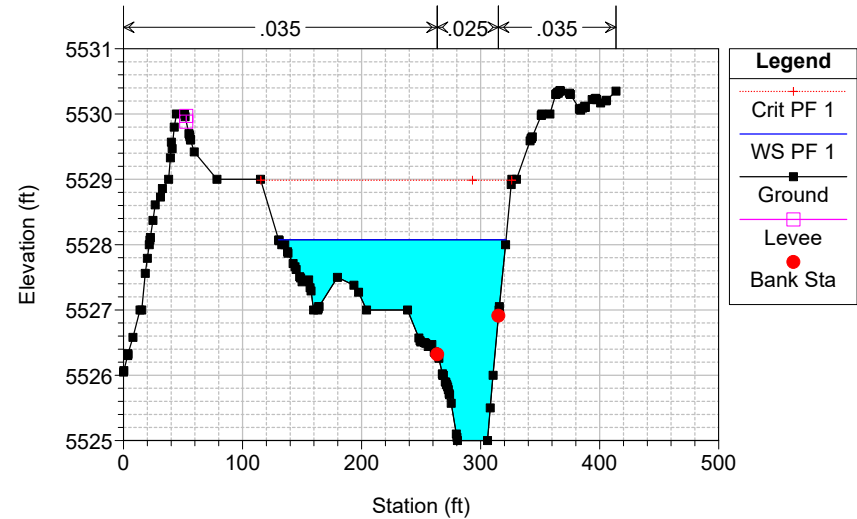
River = From DS Reach = From DS RS = 151.07



La Cueva - RESPEC Plan: Plan 93 7/9/2018

Geom: Geometry with Wall+Culvert Flow: Historic Flow

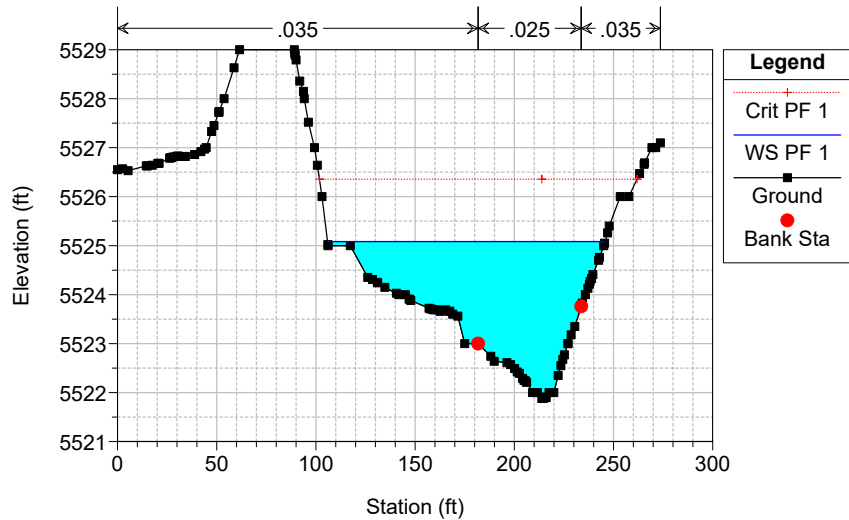
River = From DS Reach = From DS RS = 115.47



La Cueva - RESPEC Plan: Plan 93 7/9/2018

Geom: Geometry with Wall+Culvert Flow: Historic Flow

River = From DS Reach = From DS RS = 41.45



La Cueva - RESPEC Plan: Plan 93 7/9/2018

Geom: Geometry with Wall+Culvert Flow: Historic Flow

