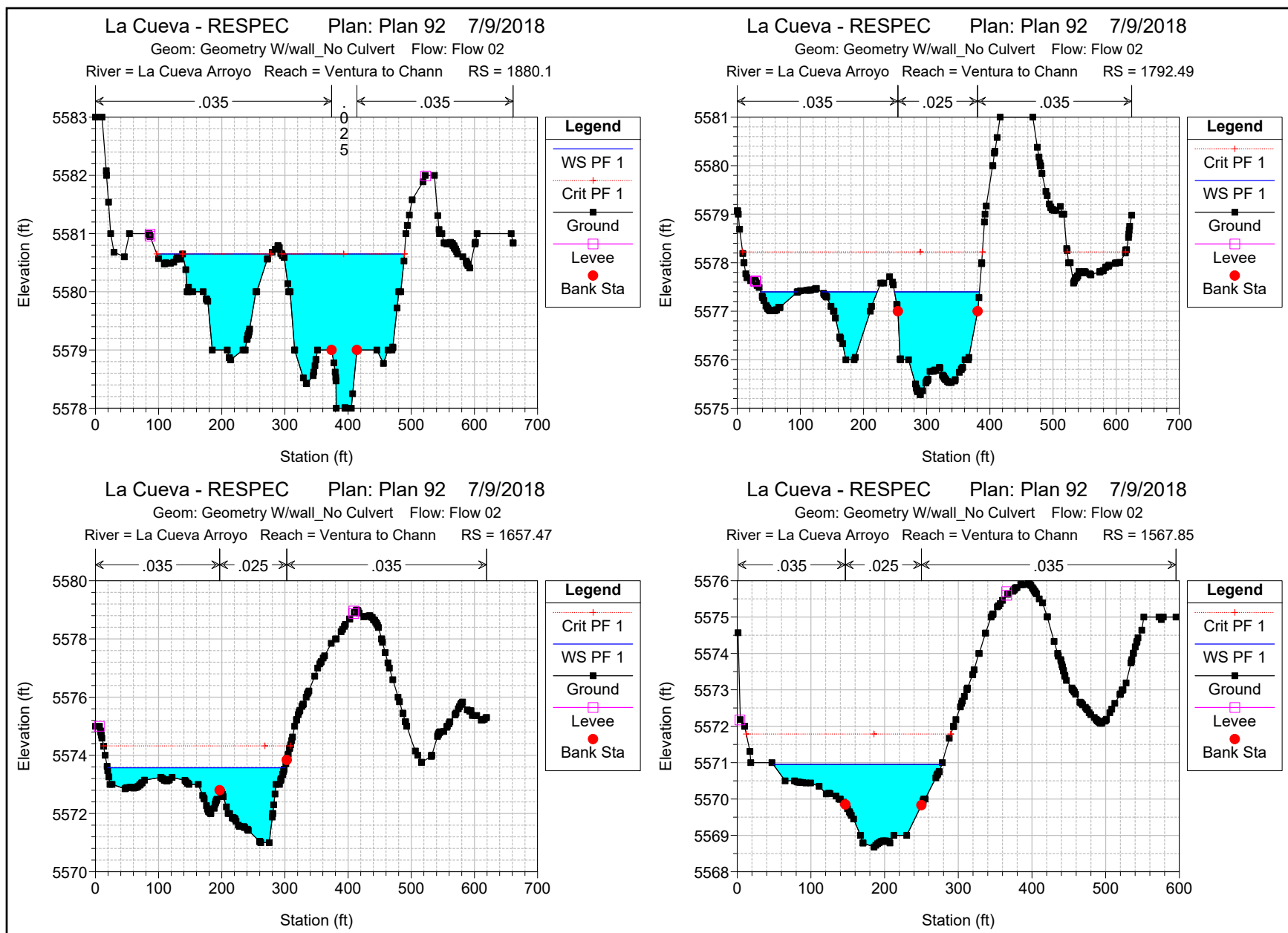
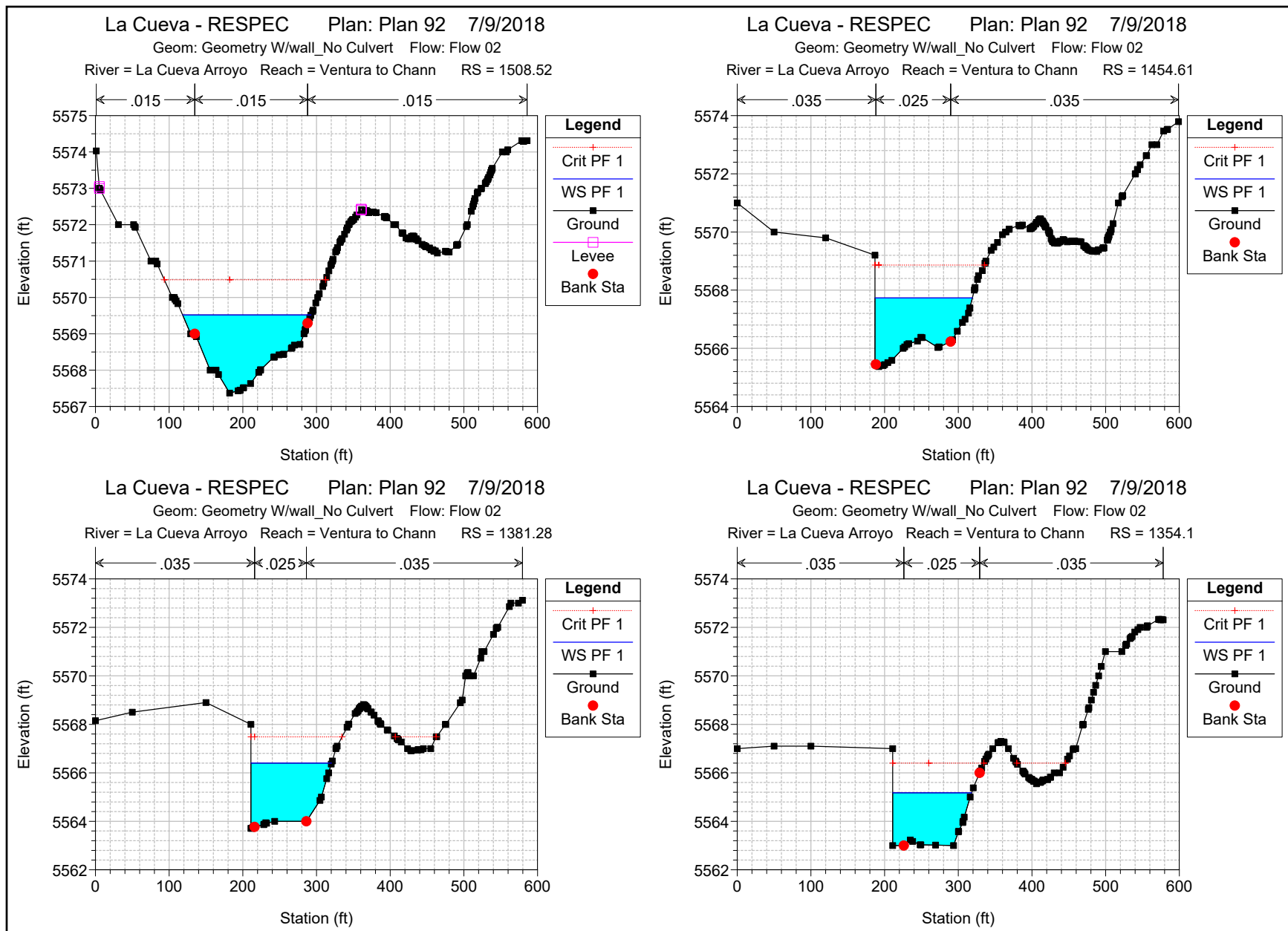


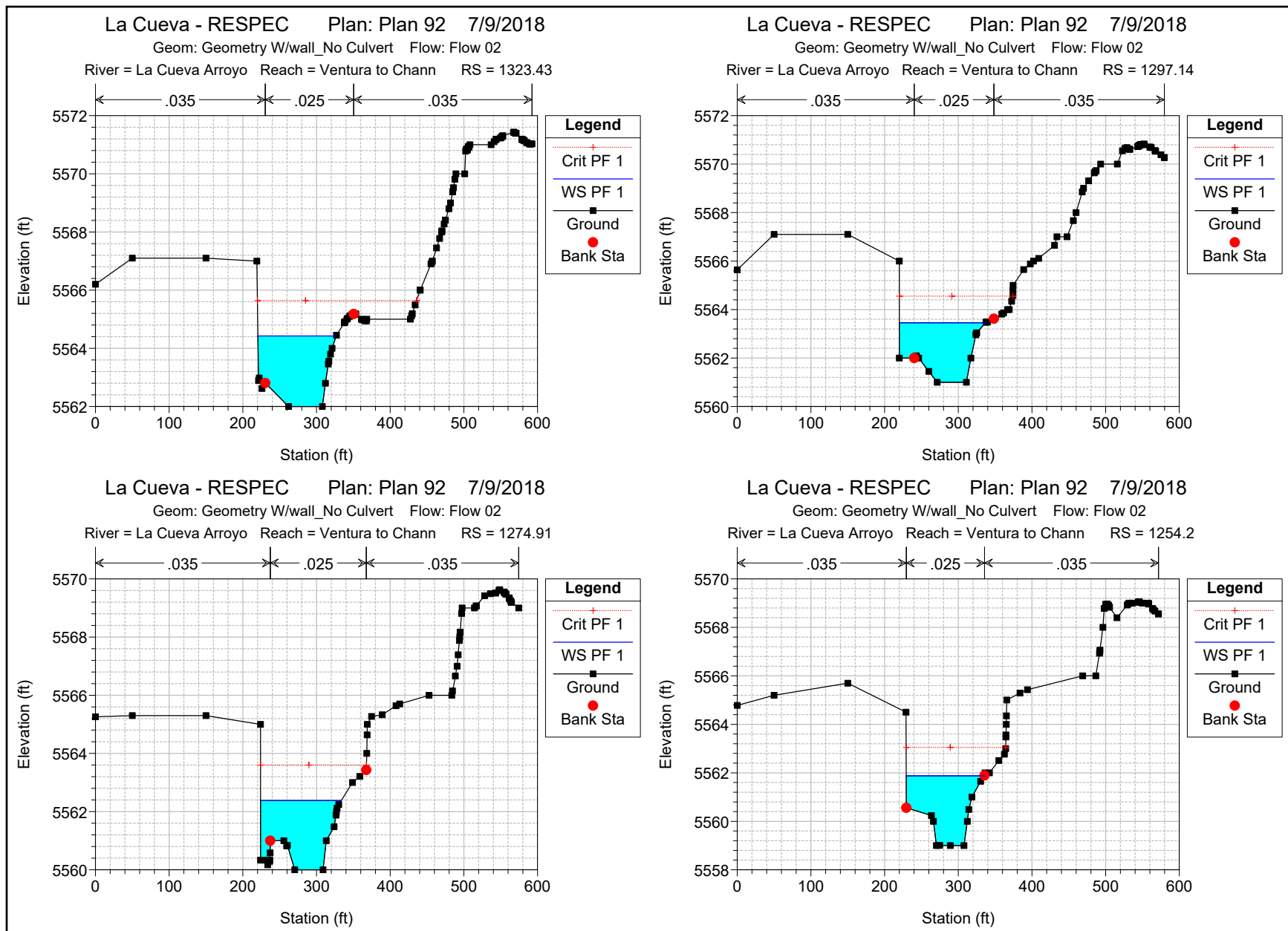
Proposed Scour Wall without a Culvert

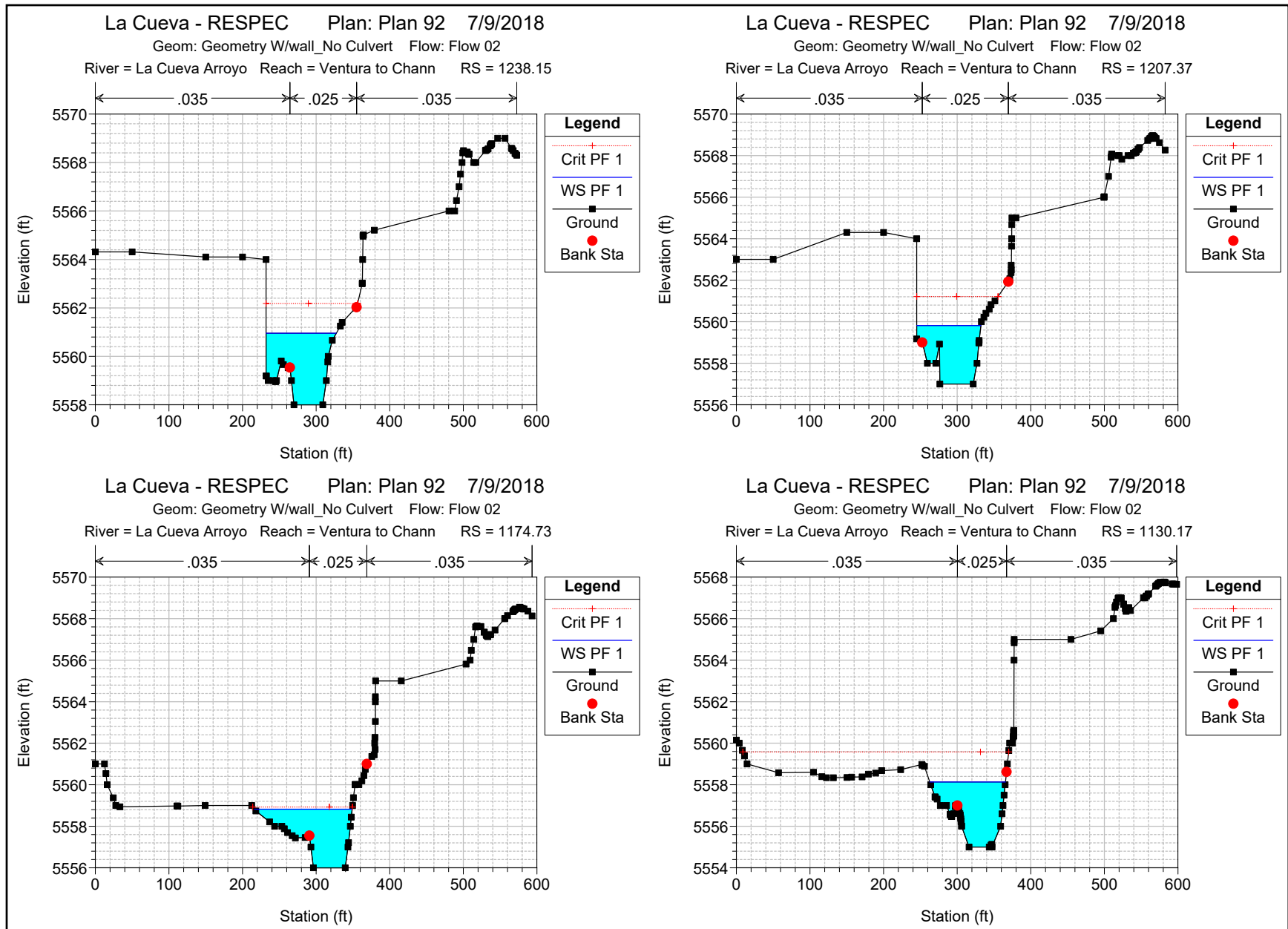
HEC-RAS Plan: Plan 03 River: La Cueva Arroyo Reach: Ventura to Chann Profile: PF 1

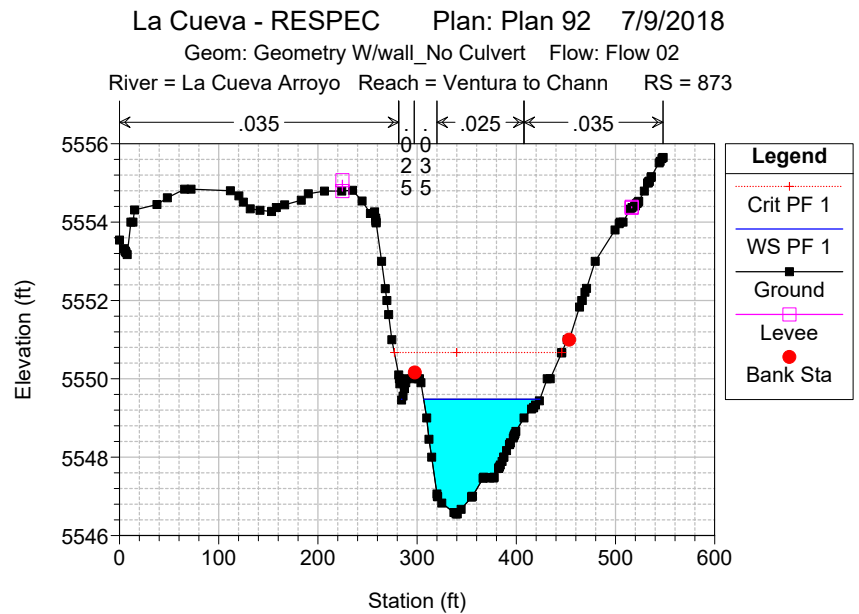
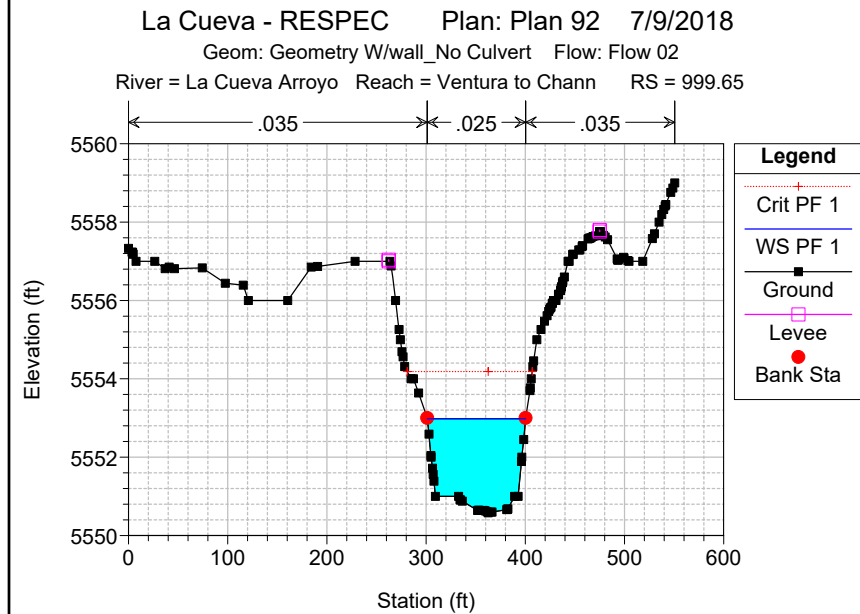
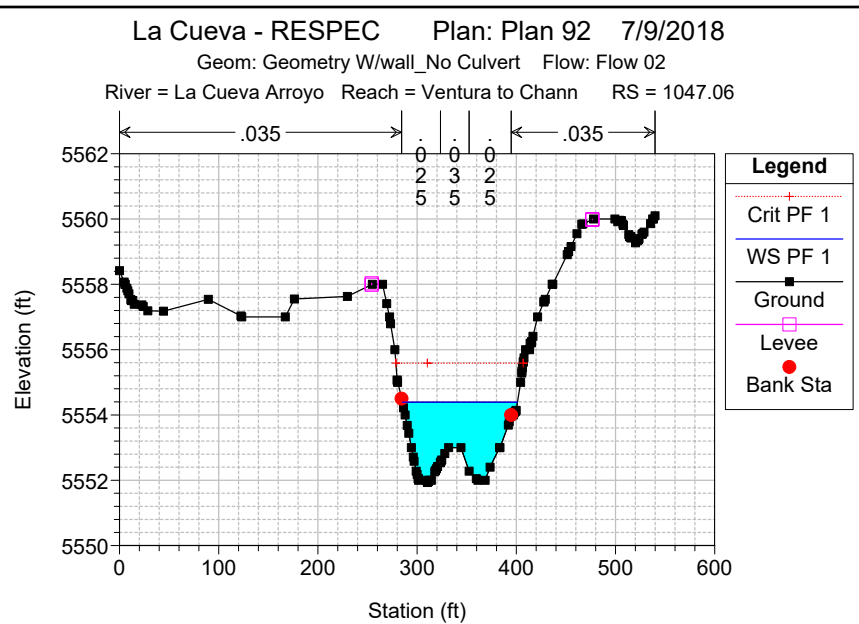
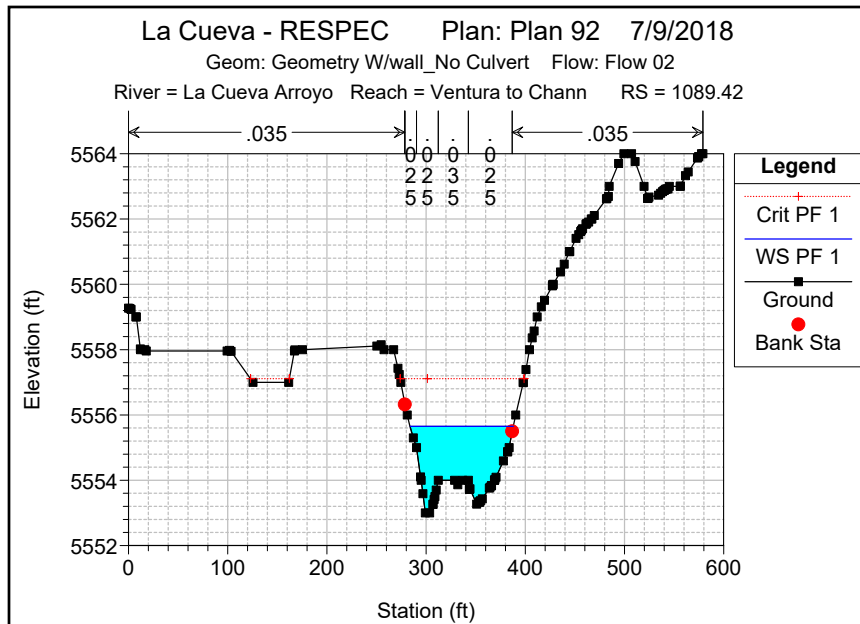
Reach	River Sta	Profile	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	E.G. Elev (ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
Ventura to Chann	1880.1	PF 1	3090.00	5578.00	5580.65	5580.65	5581.59	0.010833	11.04	480.38	374.74	1.26
Ventura to Chann	1792.49	PF 1	3090.00	5575.28	5577.40	5578.22	5579.89	0.027793	13.43	279.11	281.13	1.88
Ventura to Chann	1657.47	PF 1	3090.00	5571.00	5573.57	5574.32	5576.17	0.027070	14.10	290.24	280.79	1.89
Ventura to Chann	1567.85	PF 1	3090.00	5568.68	5570.95	5571.79	5573.80	0.024984	14.25	265.97	228.77	1.84
Ventura to Chann	1508.52	PF 1	3090.00	5567.37	5569.52	5570.49	5572.70	0.013616	14.38	218.76	174.16	2.15
Ventura to Chann	1454.61	PF 1	3090.00	5565.37	5567.73	5568.86	5571.55	0.034489	16.11	207.73	132.14	2.14
Ventura to Chann	1381.28	PF 1	3090.00	5563.77	5566.40	5567.48	5569.58	0.019853	15.19	233.47	109.37	1.71
Ventura to Chann	1354.1	PF 1	3090.00	5563.00	5565.17	5566.40	5568.85	0.031073	15.85	204.04	107.04	2.05
Ventura to Chann	1323.43	PF 1	3090.00	5562.00	5564.43	5565.64	5567.94	0.026121	15.27	209.06	106.24	1.90
Ventura to Chann	1297.14	PF 1	3090.00	5561.00	5563.46	5564.55	5567.18	0.032410	15.95	205.79	116.91	2.08
Ventura to Chann	1274.91	PF 1	3090.00	5560.00	5562.38	5563.60	5566.42	0.037405	16.55	194.30	109.58	2.22
Ventura to Chann	1254.2	PF 1	3090.00	5559.00	5561.88	5563.05	5565.66	0.030050	15.61	198.05	105.95	2.01
Ventura to Chann	1238.15	PF 1	3090.00	5558.00	5560.96	5562.18	5565.16	0.028159	17.48	200.88	95.48	2.01
Ventura to Chann	1207.37	PF 1	3090.00	5557.00	5559.82	5561.22	5564.19	0.027692	16.85	187.21	87.28	1.97
Ventura to Chann	1174.73	PF 1	3090.00	5556.00	5558.83	5558.93	5563.29	0.027231	18.08	213.45	132.75	2.00
Ventura to Chann	1130.17	PF 1	3090.00	5555.00	5558.13	5559.58	5562.13	0.022005	16.61	209.86	102.84	1.81
Ventura to Chann	1089.42	PF 1	3090.00	5553.00	5555.65	5557.11	5560.71	0.052414	18.03	171.41	103.88	2.46
Ventura to Chann	1047.06	PF 1	3090.00	5551.93	5554.39	5555.59	5558.47	0.040678	16.21	192.00	116.01	2.17
Ventura to Chann	999.65	PF 1	3090.00	5550.58	5552.98	5554.19	5556.80	0.028002	15.67	197.17	99.18	1.96
Ventura to Chann	873	PF 1	3090.00	5546.55	5549.48	5550.67	5553.17	0.029043	15.42	200.43	117.64	2.08
Ventura to Chann	793	PF 1	3090.00	5543.91	5546.82	5548.15	5550.98	0.021883	16.36	188.89	89.82	1.99
Ventura to Chann	683.29	PF 1	3090.00	5541.00	5544.04	5545.23	5548.47	0.025527	16.89	182.97	93.09	2.12
Ventura to Chann	616.82	PF 1	3090.00	5539.00	5542.23	5543.65	5546.69	0.027800	20.39	254.69	202.85	2.29
Ventura to Chann	561.38	PF 1	3090.00	5537.00	5540.89	5541.99	5544.06	0.016067	16.61	296.68	220.86	1.61
Ventura to Chann	430	PF 1	3090.00	5532.00	5536.48	5537.49	5541.62	0.036401	19.24	225.83	288.58	2.26
Ventura to Chann	374.73	PF 1	3090.00	5531.00	5535.06	5536.02	5539.75	0.035440	18.76	245.52	373.59	2.23
Ventura to Chann	346.75	PF 1	3090.00	5530.00	5534.20	5535.20	5538.49	0.038208	17.73	240.86	301.69	2.26
Ventura to Chann	299.48	PF 1	3090.00	5529.00	5532.69	5533.81	5536.96	0.029328	18.45	250.21	281.62	2.07
Ventura to Chann	249.63	PF 1	3090.00	5528.04	5531.56	5532.49	5535.46	0.025903	17.51	281.86	362.77	1.95
Ventura to Chann	189.79	PF 1	3090.00	5526.53	5529.92	5530.94	5533.89	0.022543	17.53	270.72	276.92	1.86
Ventura to Chann	151.07	PF 1	3090.00	5525.00	5528.87	5530.00	5532.80	0.021970	17.79	249.75	167.83	1.85
Ventura to Chann	115.47	PF 1	3090.00	5525.00	5528.02	5528.99	5531.90	0.025037	17.73	252.13	189.00	1.94
Ventura to Chann	41.45	PF 1	3090.00	5521.88	5525.06	5526.36	5529.71	0.029651	18.94	215.41	139.67	2.10

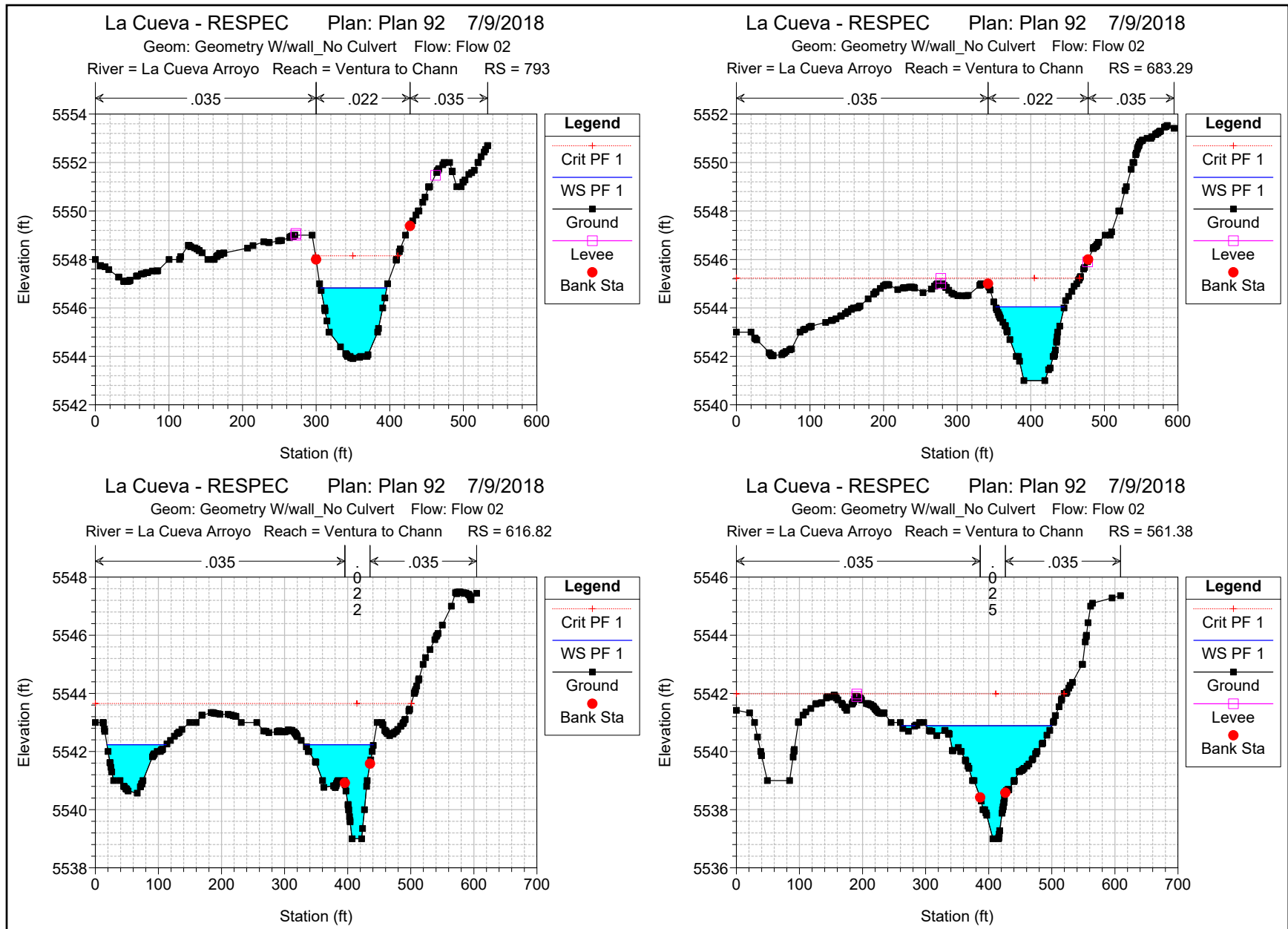


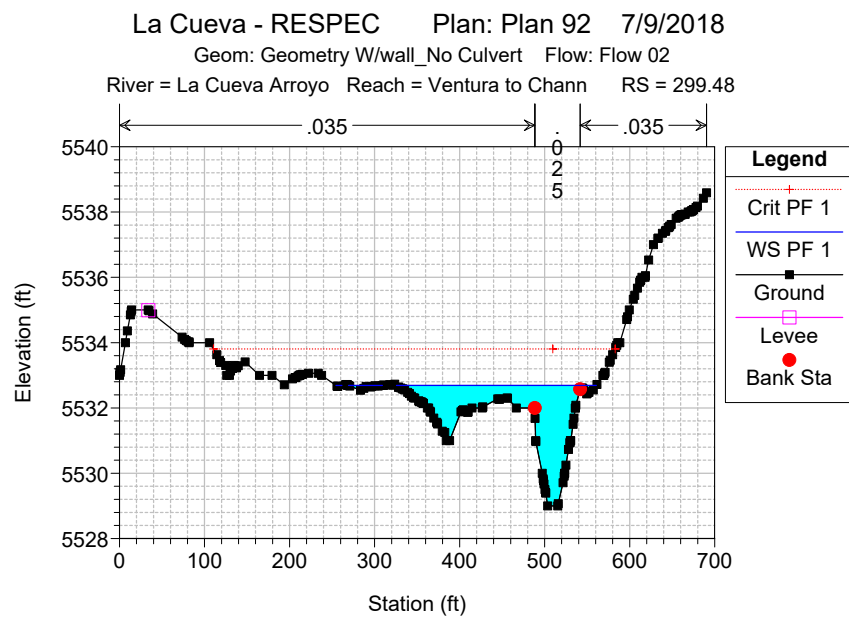
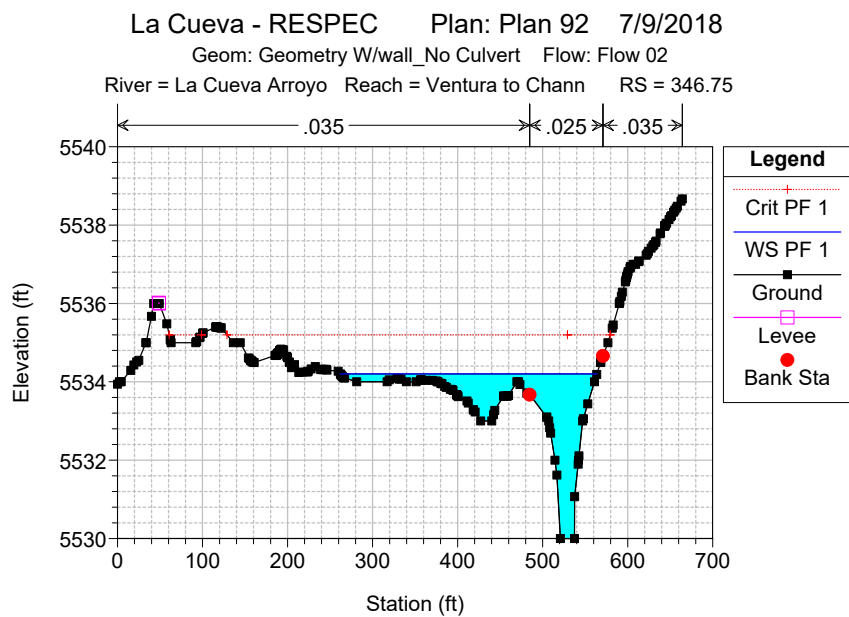


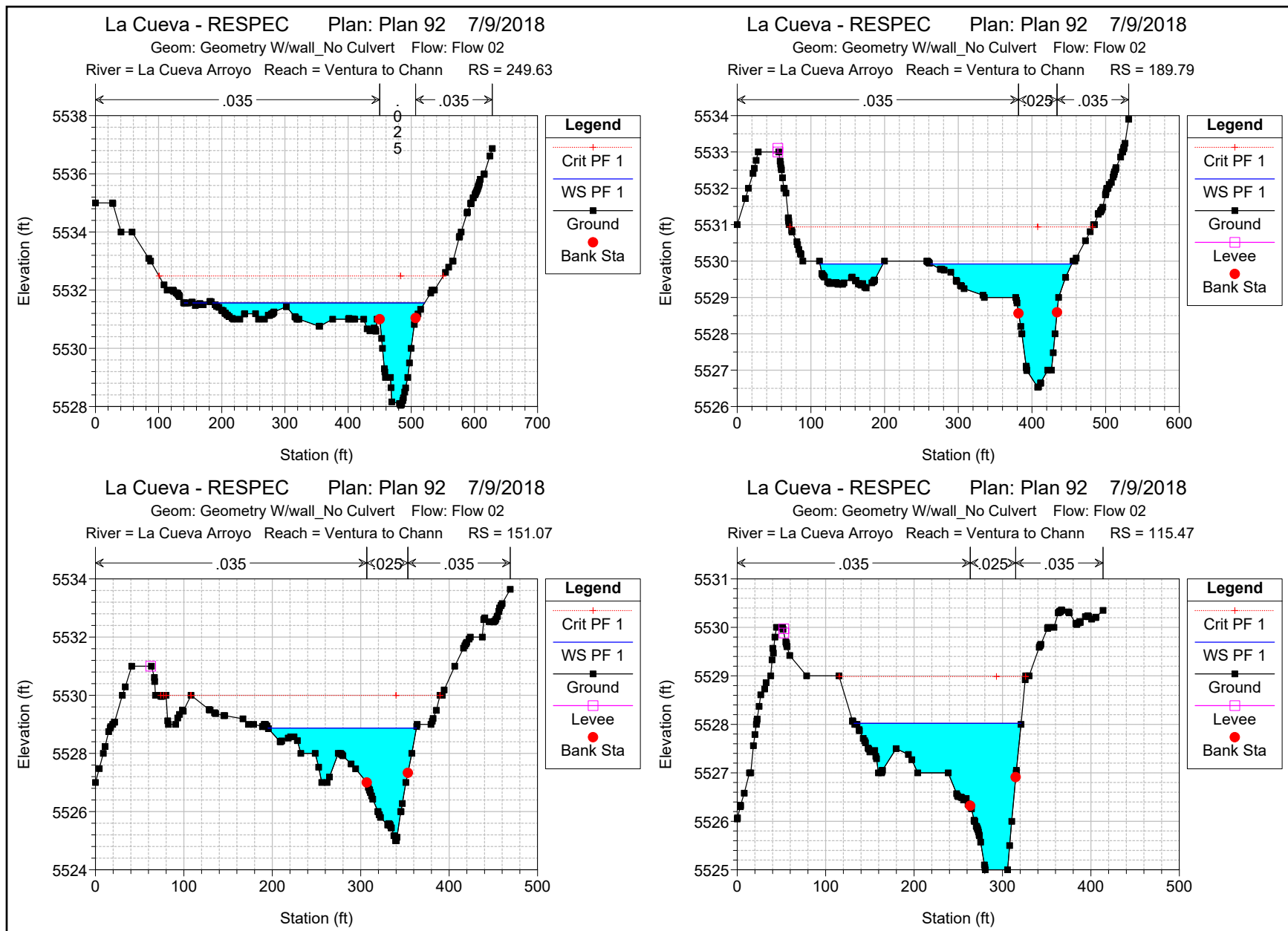








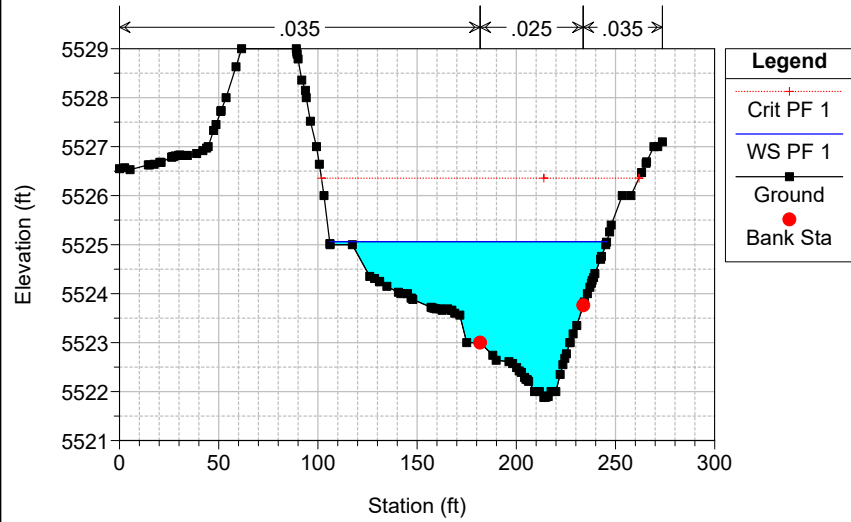




La Cueva - RESPEC Plan: Plan 92 7/9/2018

Geom: Geometry W/wall_No Culvert Flow: Flow 02

River = La Cueva Arroyo Reach = Ventura to Chann RS = 41.45



La Cueva - RESPEC Plan: Plan 92 7/9/2018

Geom: Geometry W/wall_No Culvert Flow: Flow 02

La Cueva Arroyo Ventura to Chann

