

HEC-RAS Plan: Corr Eff River: Tijeras Arroyo Reach: 1

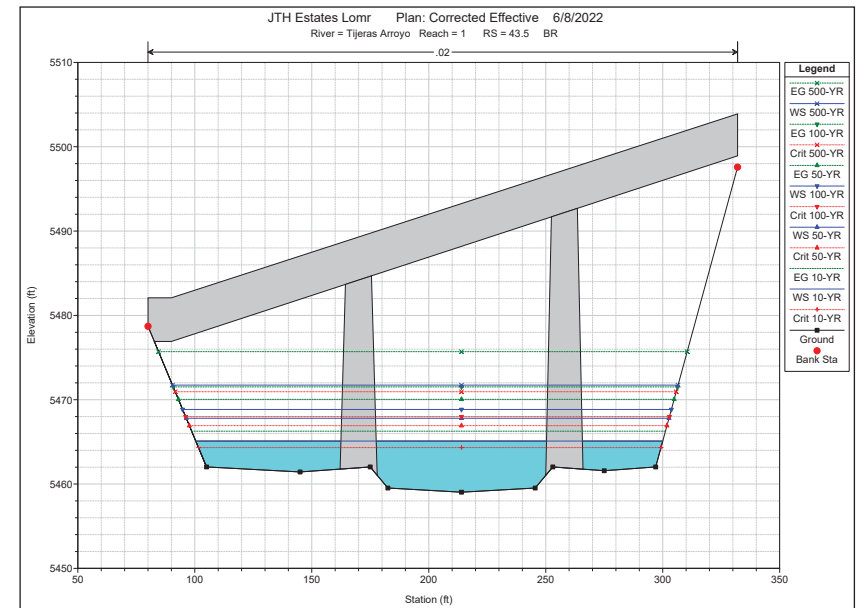
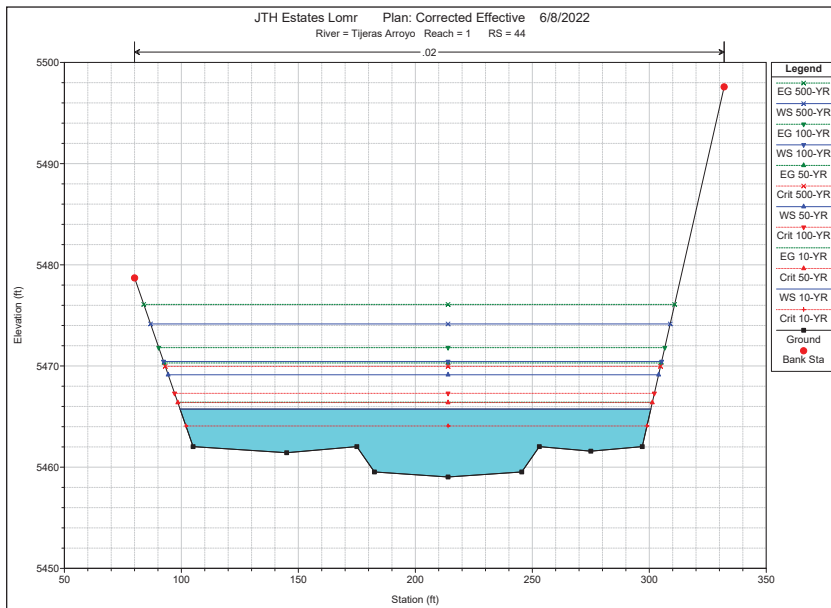
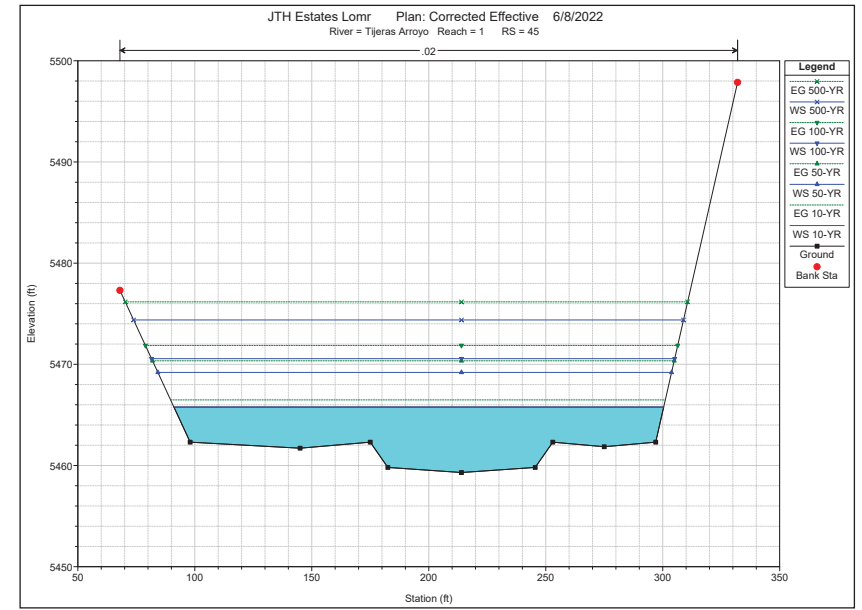
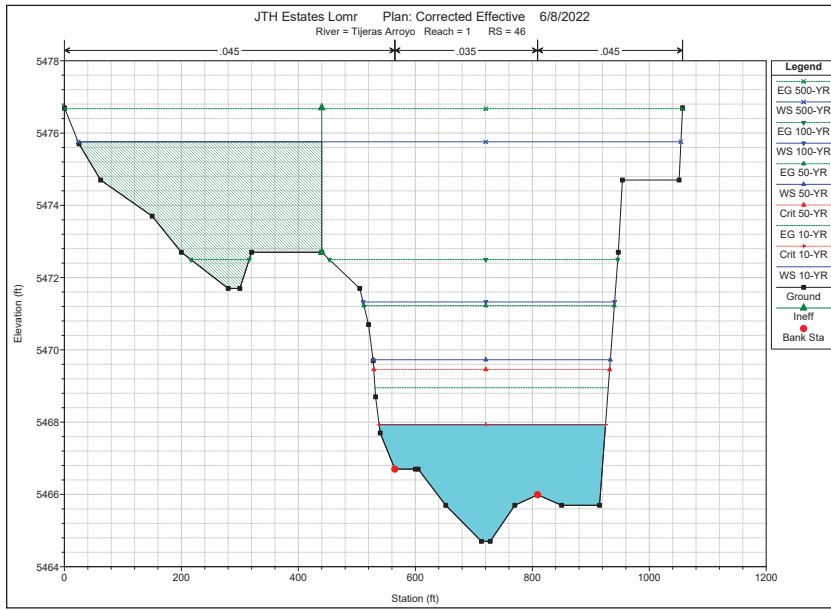
Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
			(cfs)	(ft)	(ft)	(ft)	(ft)	(ft/ft)	(ft/s)	(sq ft)	(ft)	
1	46	10-YR	6285.00	5464.70	5467.93	5467.93	5468.95	0.014268	8.63	802.10	387.05	1.02
1	46	50-YR	14300.00	5464.70	5469.73	5469.46	5471.22	0.009700	10.56	1515.16	405.62	0.93
1	46	100-YR	18065.00	5464.70	5471.33		5472.50	0.004930	9.42	2181.03	430.09	0.70
1	46	500-YR	30500.00	5464.70	5475.76		5476.68	0.001936	8.70	4484.78	1030.61	0.48
1	45	10-YR	6285.00	5459.31	5465.78		5466.48	0.001143	6.74	932.94	209.35	0.56
1	45	50-YR	14300.00	5459.31	5469.21		5470.35	0.000921	8.57	1668.06	219.58	0.55
1	45	100-YR	18065.00	5459.31	5470.56		5471.87	0.000872	9.18	1967.67	223.61	0.55
1	45	500-YR	30500.00	5459.31	5474.39		5476.17	0.000786	10.72	2845.45	235.04	0.54
1	44	10-YR	6285.00	5459.03	5465.75	5464.07	5466.42	0.001012	6.59	953.57	201.23	0.53
1	44	50-YR	14300.00	5459.03	5469.13	5466.39	5470.30	0.000904	8.67	1648.82	209.64	0.55
1	44	100-YR	18065.00	5459.03	5470.45	5467.30	5471.81	0.000881	9.38	1926.84	212.91	0.55
1	44	500-YR	30500.00	5459.03	5474.16	5469.96	5476.09	0.000840	11.16	2733.81	222.12	0.56
1	43.5		Bridge									
1	43	10-YR	6285.00	5458.43	5463.44	5463.44	5465.02	0.004148	10.08	623.81	202.04	1.01
1	43	50-YR	14300.00	5458.43	5465.75	5465.75	5468.39	0.003455	13.04	1096.69	208.93	1.00
1	43	100-YR	18065.00	5458.43	5466.64	5466.64	5469.71	0.003326	14.07	1284.06	211.60	1.01
1	43	500-YR	30500.00	5458.43	5469.25	5469.25	5473.49	0.002984	16.50	1848.03	219.45	1.00
1	42	10-YR	6285.00	5457.70	5463.19	5463.19	5464.71	0.003954	9.88	636.07	205.03	0.99
1	42	50-YR	14300.00	5457.70	5465.47	5465.47	5468.00	0.003422	12.76	1121.07	295.50	1.00
1	42	100-YR	18065.00	5457.70	5466.38	5466.38	5469.28	0.003207	13.66	1322.18	321.59	0.99
1	42	500-YR	30500.00	5457.70	5468.86	5468.86	5472.94	0.002907	16.22	1880.82	346.67	0.99
1	41	10-YR	6285.00	5452.70	5457.90	5457.83	5458.96	0.012580	8.27	759.90	330.38	0.96
1	41	50-YR	14300.00	5452.70	5459.54	5459.47	5461.39	0.010778	10.91	1321.74	365.78	0.97
1	41	100-YR	18065.00	5452.70	5460.17	5460.17	5462.33	0.010382	11.82	1554.96	373.62	0.98
1	41	500-YR	30500.00	5452.70	5462.00	5462.00	5464.99	0.009295	14.01	2244.37	380.80	0.98
1	40	10-YR	6285.00	5452.50	5455.80	5455.53	5456.74	0.009513	8.47	857.65	346.34	0.87
1	40	50-YR	14300.00	5452.50	5457.27	5457.27	5459.16	0.011441	12.19	1392.89	374.96	1.02
1	40	100-YR	18065.00	5452.50	5457.91	5457.91	5460.10	0.011249	13.23	1634.88	383.07	1.04
1	40	500-YR	30500.00	5452.50	5459.77	5459.77	5462.76	0.010435	15.71	2370.62	408.73	1.05
1	35	10-YR	6285.00	5445.97	5449.21	5449.21	5450.35	0.013635	8.54	738.80	338.34	1.00

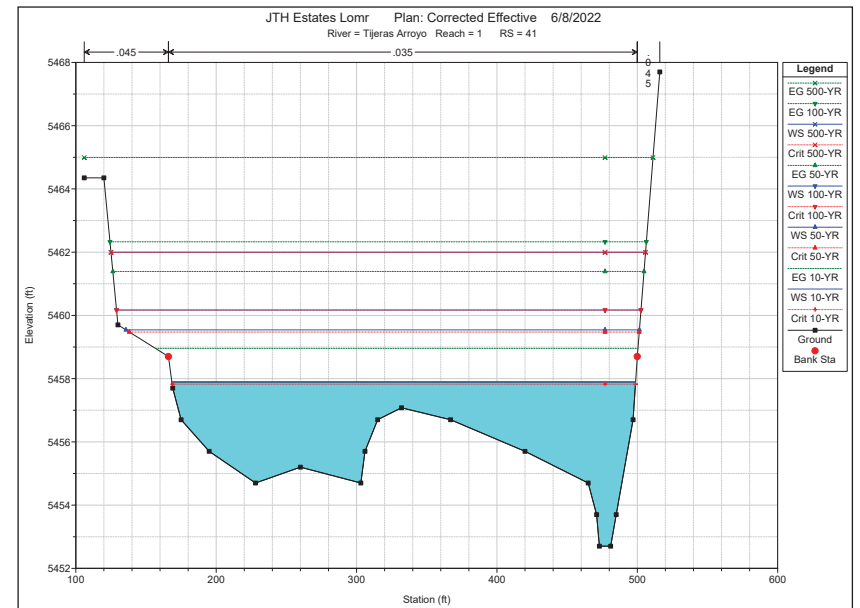
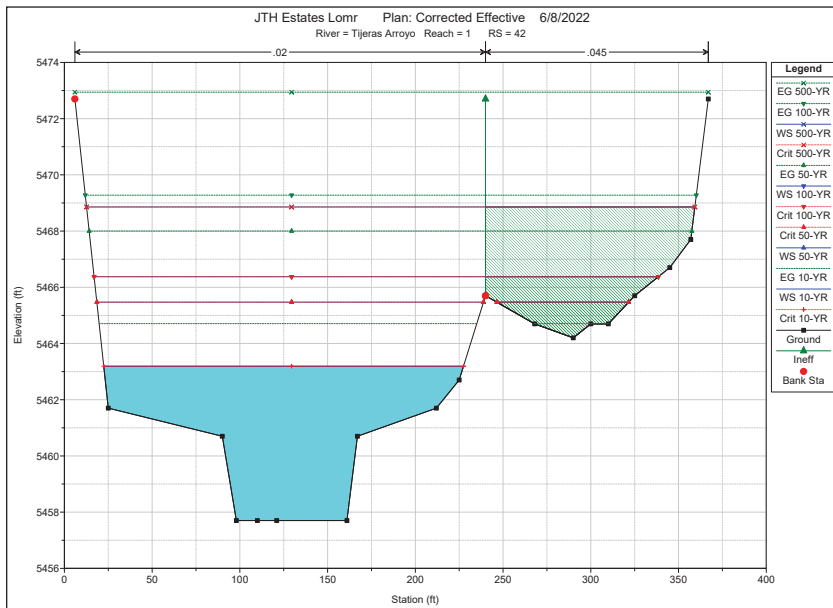
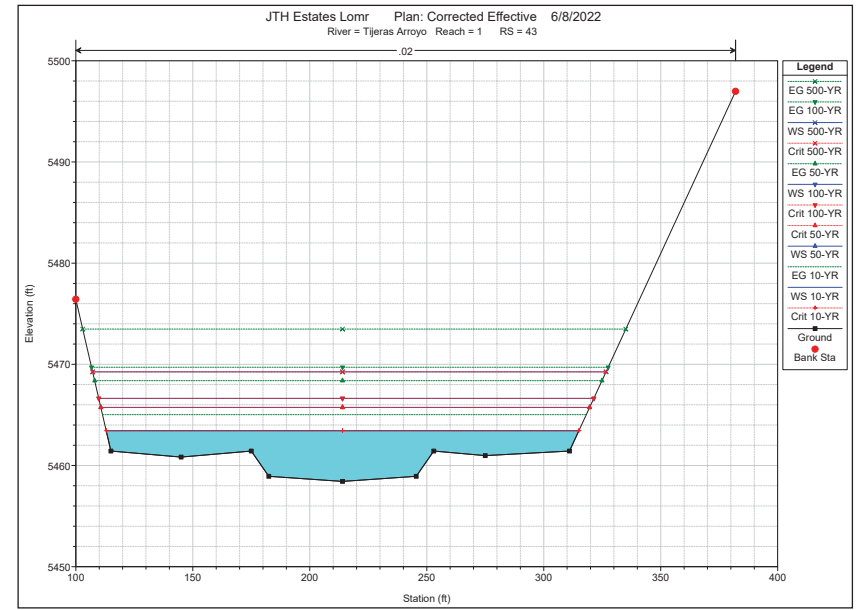
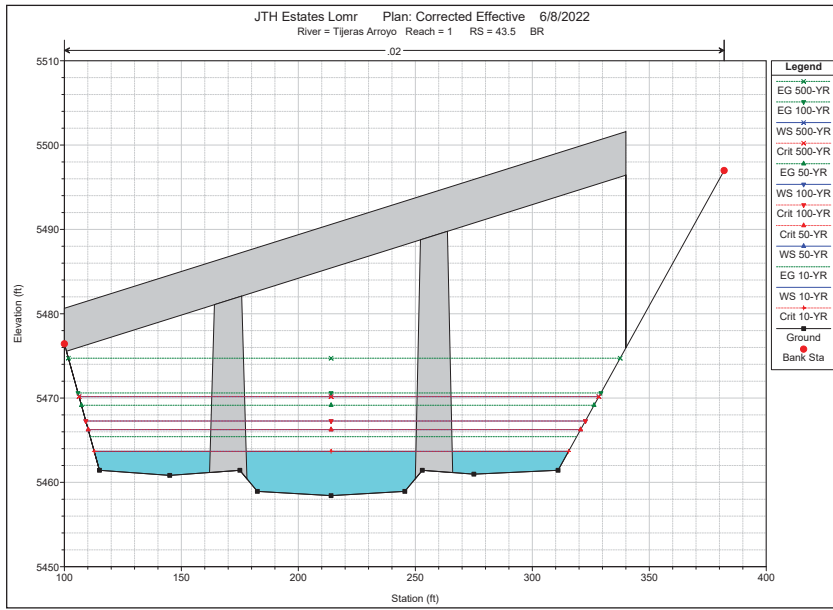
HEC-RAS Plan: Corr Eff River: Tijeras Arroyo Reach: 1 (Continued)

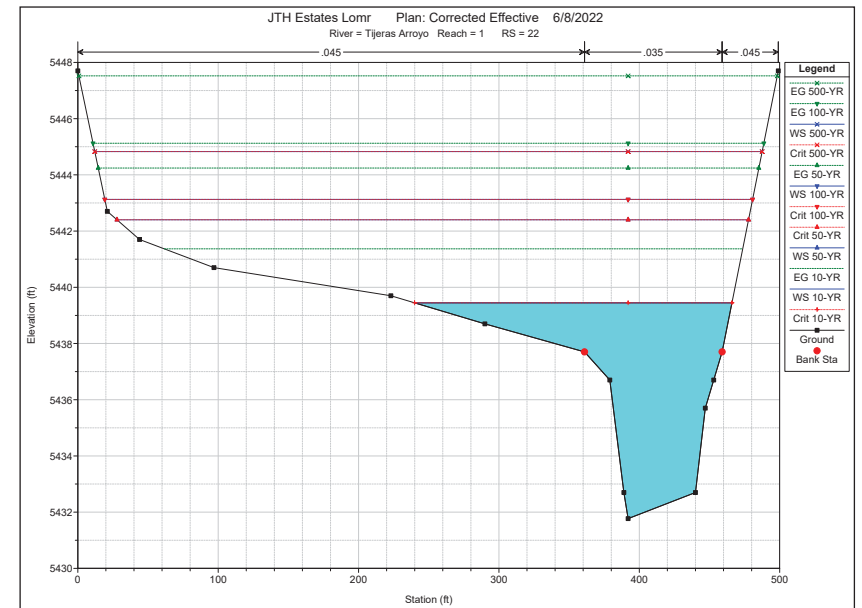
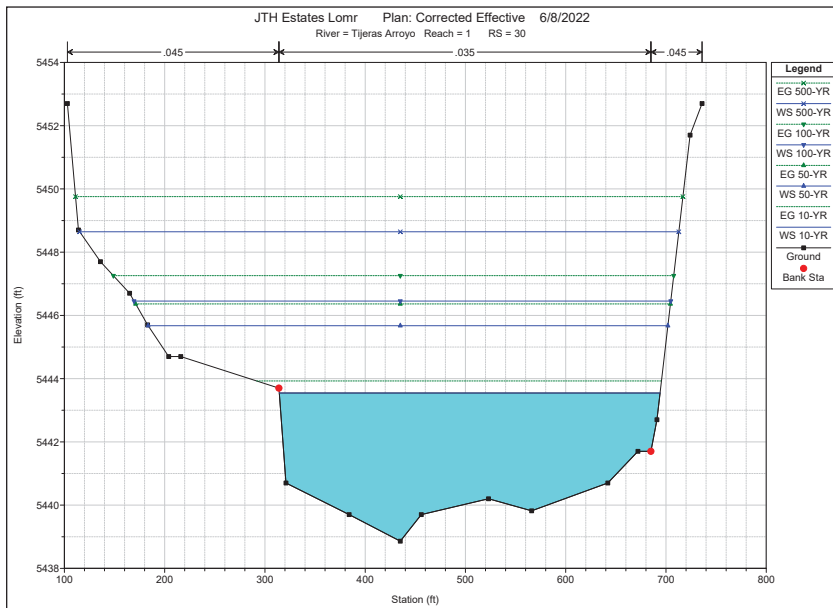
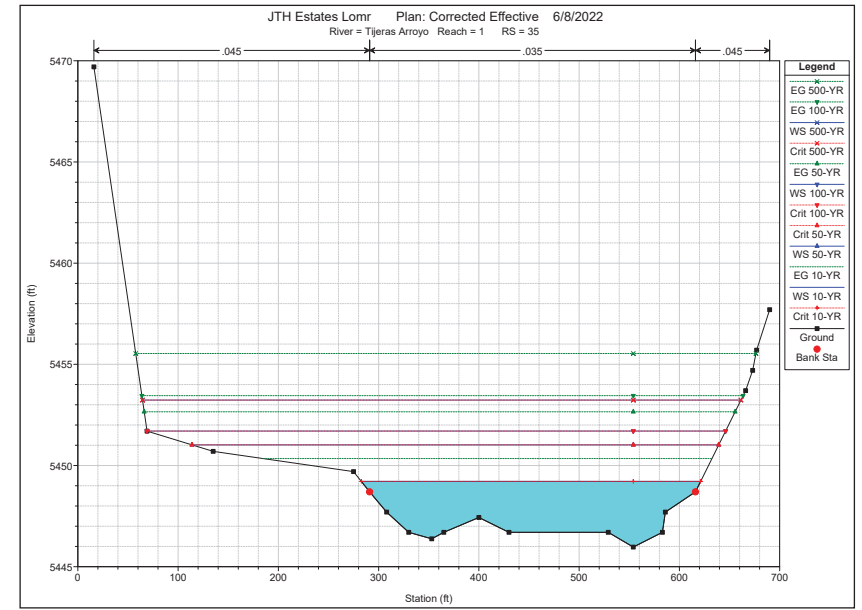
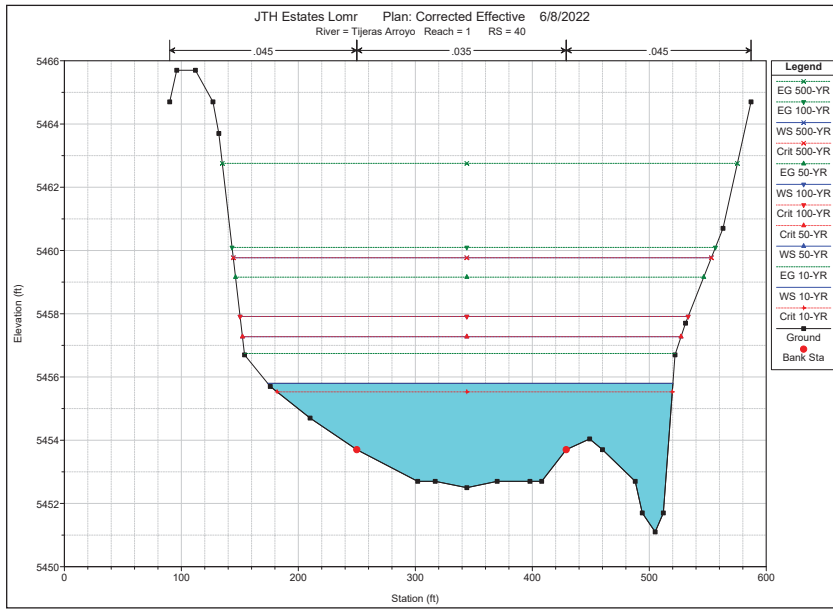
Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
			(cfs)	(ft)	(ft)	(ft)	(ft)	(ft/ft)	(ft/s)	(sq ft)	(ft)	
1	35	50-YR	14300.00	5445.97	5451.02	5451.02	5452.66	0.009297	10.43	1496.71	525.31	0.91
1	35	100-YR	18065.00	5445.97	5451.71	5451.71	5453.45	0.008296	10.93	1874.13	577.06	0.88
1	35	500-YR	30500.00	5445.97	5453.24	5453.24	5455.54	0.007965	12.90	2772.34	596.87	0.91
1	30	10-YR	6285.00	5438.86	5443.55		5443.93	0.002663	4.96	1273.62	379.74	0.47
1	30	50-YR	14300.00	5438.86	5445.67		5446.36	0.002590	6.75	2256.96	518.35	0.51
1	30	100-YR	18065.00	5438.86	5446.45		5447.26	0.002570	7.34	2667.29	535.30	0.52
1	30	500-YR	30500.00	5438.86	5448.65		5449.76	0.002474	8.79	3910.92	597.60	0.53
1	22	10-YR	6285.00	5431.77	5439.45	5439.45	5441.37	0.007836	11.38	638.89	226.08	0.87
1	22	50-YR	14300.00	5431.77	5442.40	5442.40	5444.24	0.005312	12.55	1718.12	449.91	0.77
1	22	100-YR	18065.00	5431.77	5443.13	5443.13	5445.12	0.005445	13.44	2049.97	461.49	0.79
1	22	500-YR	30500.00	5431.77	5444.83	5444.83	5447.52	0.006347	16.28	2847.14	475.45	0.88
1	20	10-YR	6285.00	5429.70	5436.36	5436.36	5438.63	0.009683	12.12	531.07	293.43	0.95
1	20	50-YR	14300.00	5429.70	5439.90	5439.90	5442.12	0.005577	13.10	1471.72	533.50	0.79
1	20	100-YR	18065.00	5429.70	5440.76	5440.76	5443.22	0.005725	14.13	1755.36	557.19	0.81
1	20	500-YR	30500.00	5429.70	5441.71	5441.71	5443.13	0.003918	12.46	3721.30	587.60	0.68
1	15	10-YR	6285.00	5425.70	5434.01	5434.01	5435.04	0.005446	9.01	1014.41	489.45	0.71
1	15	50-YR	14300.00	5425.70	5435.55	5435.55	5436.98	0.006672	11.67	1880.66	628.60	0.82
1	15	100-YR	18065.00	5425.70	5436.09	5436.09	5437.68	0.006856	12.51	2226.67	640.21	0.84
1	15	500-YR	30500.00	5425.70	5437.43	5437.43	5439.58	0.007838	15.06	3097.27	662.07	0.93
1	10	10-YR	6285.00	5421.70	5428.60	5428.60	5429.93	0.006170	9.59	827.15	424.67	0.76
1	10	50-YR	14300.00	5421.70	5430.60	5430.60	5431.86	0.005049	10.86	2199.10	793.62	0.72
1	10	100-YR	18065.00	5421.70	5431.06	5431.06	5432.47	0.005489	11.81	2565.22	804.11	0.76
1	10	500-YR	30500.00	5421.70	5432.28	5432.28	5434.12	0.006470	14.20	3563.88	827.71	0.85
1	8	10-YR	6285.00	5415.70	5419.68		5420.63	0.008328	8.81	888.43	337.12	0.83
1	8	50-YR	14300.00	5415.70	5421.36	5421.19	5423.06	0.009749	12.06	1498.38	390.21	0.95
1	8	100-YR	18065.00	5415.70	5421.98	5421.80	5423.99	0.010202	13.20	1751.60	433.96	0.99
1	8	500-YR	30500.00	5415.70	5423.49	5423.49	5426.19	0.011177	15.92	2759.93	939.86	1.07
1	6	10-YR	6285.00	5411.25	5415.98	5415.98	5417.34	0.011061	9.52	709.74	286.17	0.95
1	6	50-YR	14300.00	5411.25	5418.08	5418.08	5419.77	0.009320	11.04	1497.76	436.49	0.92
1	6	100-YR	18065.00	5411.25	5418.68	5418.68	5420.61	0.009184	11.88	1765.76	443.80	0.94
1	6	500-YR	30500.00	5411.25	5420.87	5420.87	5422.60	0.005870	12.01	3626.65	1005.07	0.79

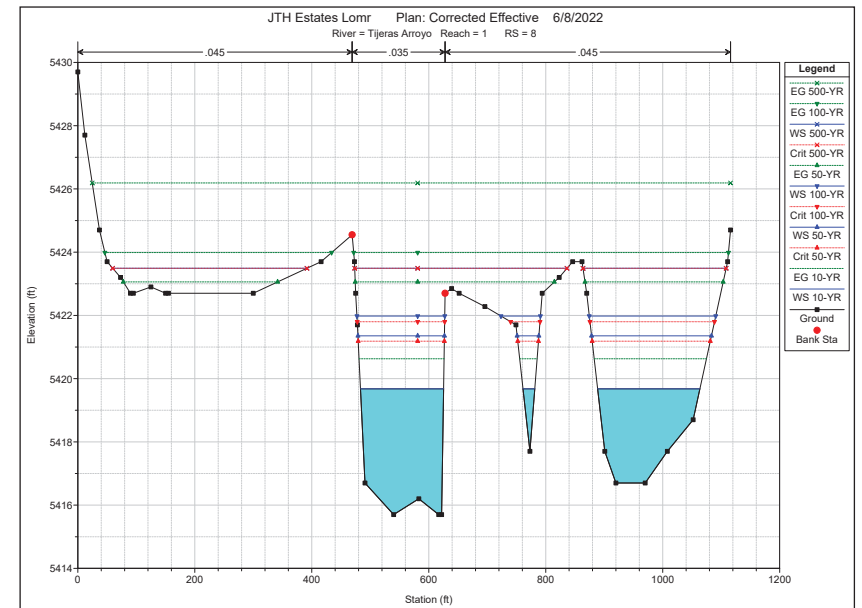
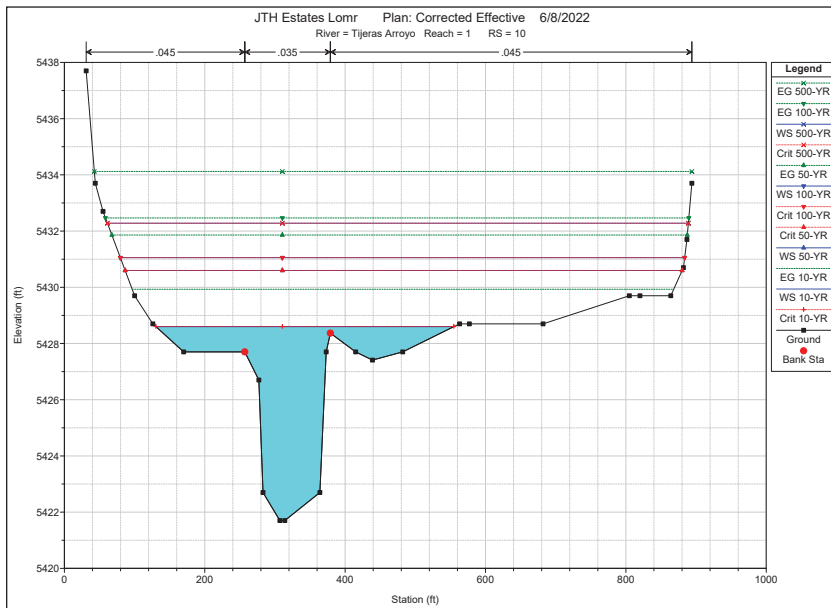
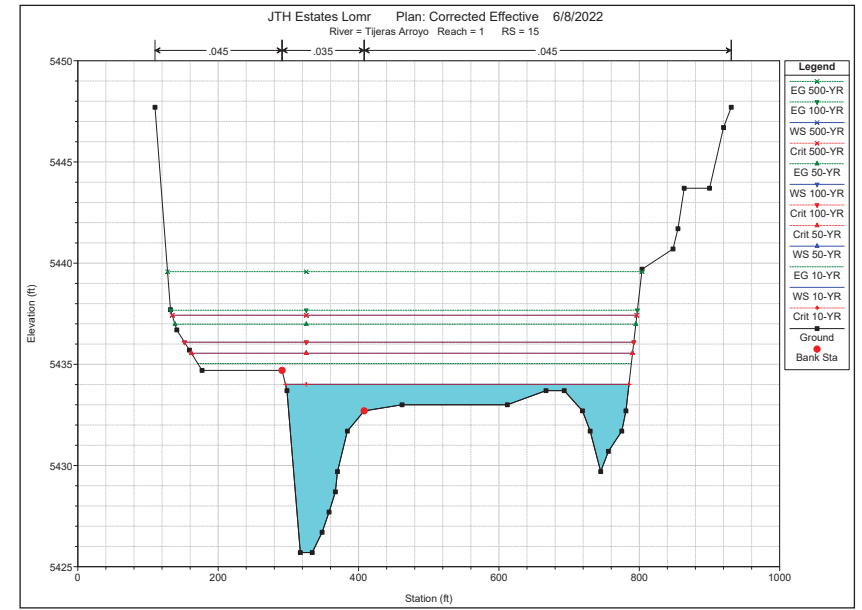
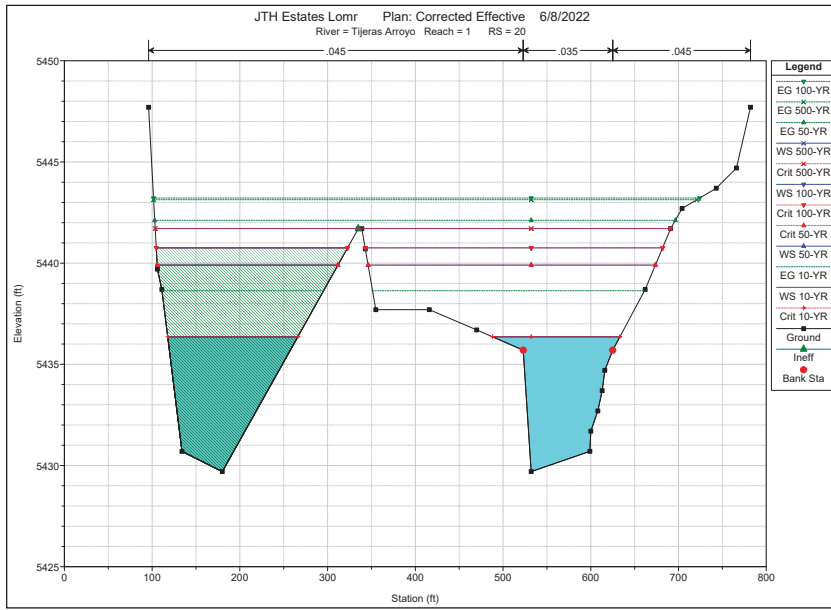
HEC-RAS Plan: Corr Eff River: Tijeras Arroyo Reach: 1 (Continued)

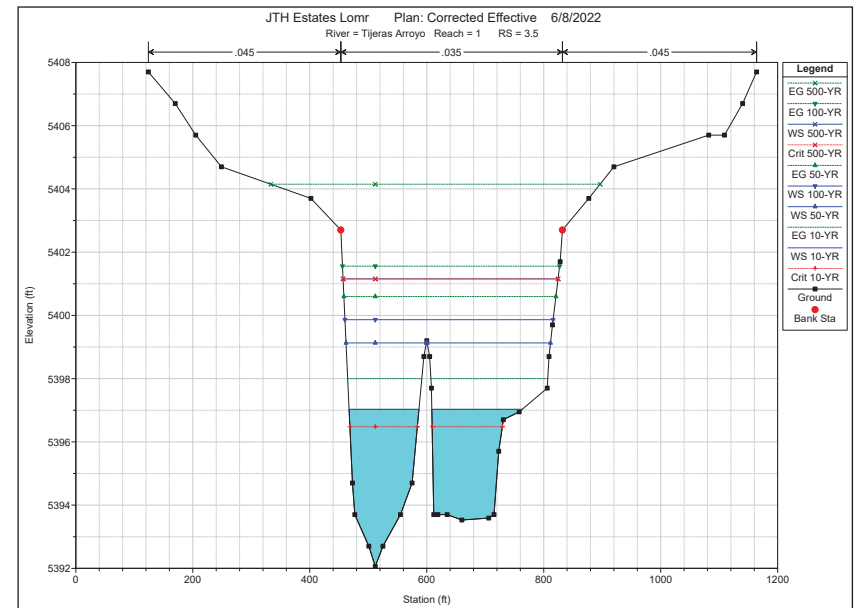
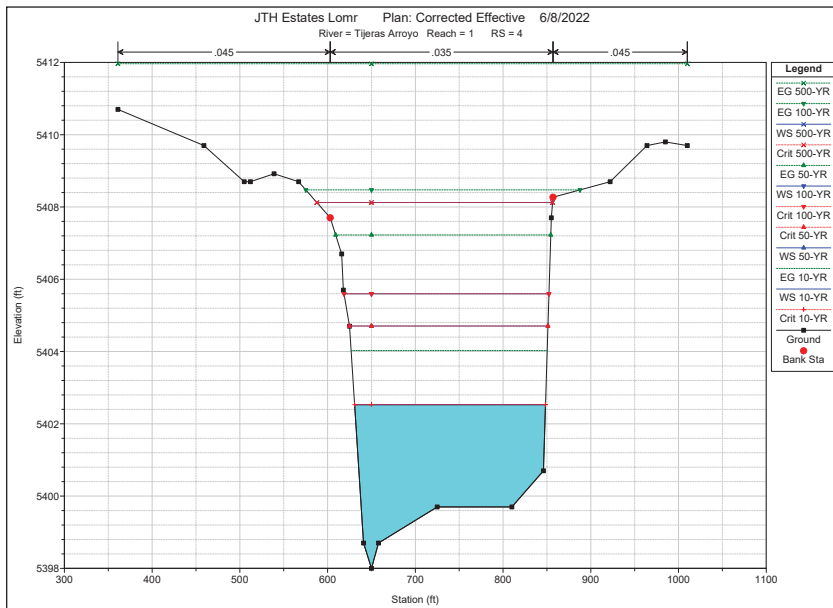
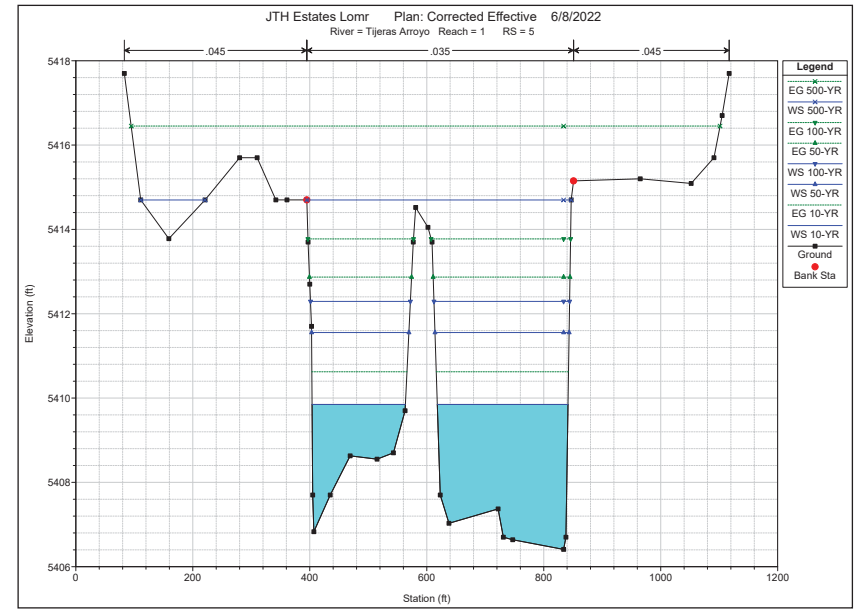
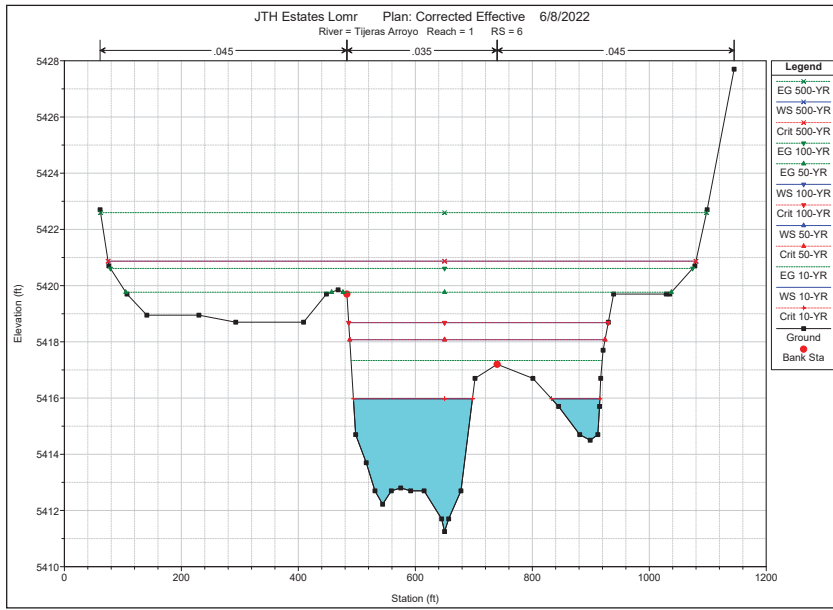
Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
			(cfs)	(ft)	(ft)	(ft)	(ft)	(ft/ft)	(ft/s)	(sq ft)	(ft)	
1	5	10-YR	6285.00	5406.41	5409.85		5410.62	0.009087	7.06	890.27	383.15	0.82
1	5	50-YR	14300.00	5406.41	5411.55		5412.87	0.007719	9.20	1554.61	395.87	0.82
1	5	100-YR	18065.00	5406.41	5412.29		5413.78	0.007084	9.77	1849.34	402.86	0.80
1	5	500-YR	30500.00	5406.41	5414.70		5416.45	0.005490	10.64	2911.41	561.82	0.75
1	4	10-YR	6285.00	5398.00	5402.53	5402.53	5404.03	0.012795	9.82	640.12	217.56	1.01
1	4	50-YR	14300.00	5398.00	5404.71	5404.71	5407.23	0.010772	12.73	1123.28	226.20	1.01
1	4	100-YR	18065.00	5398.00	5405.60	5405.60	5408.47	0.010291	13.61	1327.80	233.57	1.01
1	4	500-YR	30500.00	5398.00	5408.12	5408.12	5411.96	0.009280	15.72	1943.31	268.75	1.00
1	3.5	10-YR	6285.00	5392.06	5397.03	5396.48	5398.00	0.008489	7.91	794.56	273.72	0.82
1	3.5	50-YR	14300.00	5392.06	5399.13		5400.60	0.007788	9.72	1471.23	348.23	0.83
1	3.5	100-YR	18065.00	5392.06	5399.86		5401.56	0.007459	10.44	1730.07	355.97	0.84
1	3.5	500-YR	30500.00	5392.06	5401.15	5401.15	5404.15	0.010016	13.88	2196.96	367.58	1.00
1	3	10-YR	6285.00	5385.92	5390.23	5390.23	5391.84	0.012461	10.16	618.40	194.82	1.01
1	3	50-YR	14300.00	5385.92	5392.70	5392.70	5395.02	0.010949	12.20	1172.00	254.01	1.00
1	3	100-YR	18065.00	5385.92	5393.51	5393.51	5396.17	0.010646	13.09	1380.44	263.41	1.01
1	3	500-YR	30500.00	5385.92	5396.65	5396.65	5399.11	0.006306	12.85	2754.80	820.03	0.82
1	2.9	10-YR	6285.00	5378.85	5385.70	5383.89	5386.40	0.003296	6.69	939.65	978.15	0.55
1	2.9	50-YR	14300.00	5378.85	5388.00	5386.57	5389.48	0.005241	9.77	1463.77	1305.05	0.72
1	2.9	100-YR	18065.00	5378.85	5389.00	5387.52	5390.70	0.005150	10.46	1727.69	1326.78	0.73
1	2.9	500-YR	30500.00	5378.85	5391.80	5390.08	5393.96	0.004258	11.92	2803.93	1674.57	0.70

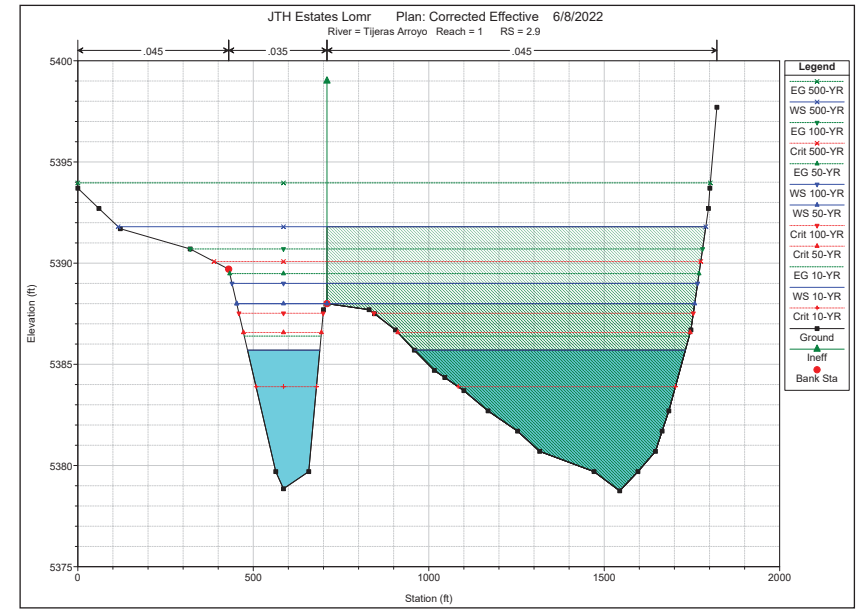
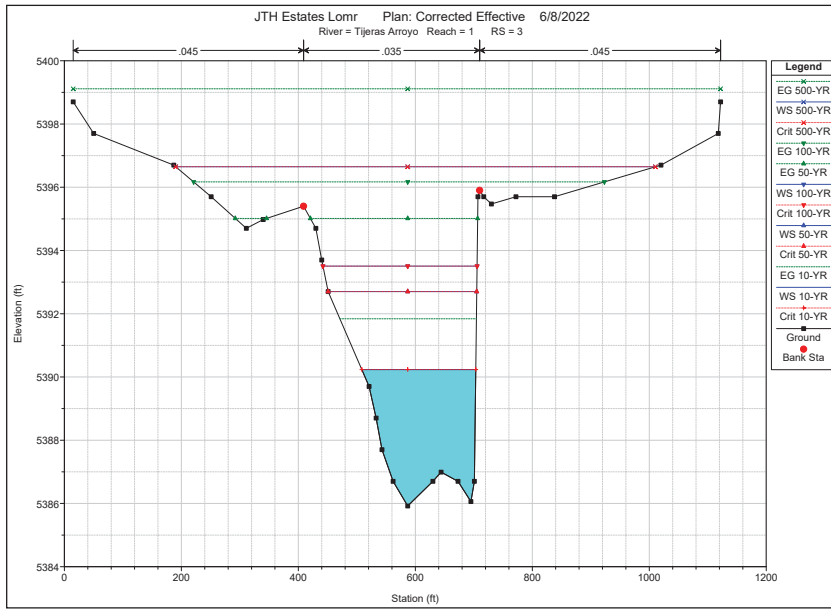












HEC-RAS Plan: Corr Eff - FW River: Tijeras Arroyo Reach: 1

Reach	River Sta	Profile	W.S. Elev (ft)	Prof Delta WS (ft)	E.G. Elev (ft)	Top Width Act (ft)	Q Left (cfs)	Q Channel (cfs)	Q Right (cfs)	Enc Sta L (ft)	Ch Sta L (ft)	Ch Sta R (ft)	Enc Sta R (ft)
1	46	100-YR	5471.33		5472.50	430.09	670.74	12897.53	4496.73		565.00	809.00	
1	46	100-YR FW	5471.32	-0.01	5472.52	390.60	714.42	12943.20	4407.37	530.65	565.00	809.00	921.25
1	45	100-YR	5470.56		5471.87	223.61		18065.00			68.00	332.00	
1	45	100-YR FW	5470.61	0.05	5471.90	223.30		18065.00		81.59	68.00	332.00	304.89
1	44	100-YR	5470.45		5471.81	212.91		18065.00			80.00	332.00	
1	44	100-YR FW	5470.47	0.03	5471.84	207.46		18065.00		97.43	80.00	332.00	304.89
1	43.5 BR U	100-YR	5468.84		5471.52	179.90		18065.00			80.00	332.00	
1	43.5 BR U	100-YR FW	5468.90	0.05	5471.55	177.32		18065.00		97.43	80.00	332.00	304.89
1	43.5 BR D	100-YR	5467.28		5470.60	183.93		18065.00			100.00	382.00	
1	43.5 BR D	100-YR FW	5467.26	-0.02	5470.65	178.55		18065.00		112.99	100.00	382.00	321.15
1	43	100-YR	5466.64		5469.71	211.60		18065.00			100.00	382.00	
1	43	100-YR FW	5466.63	-0.01	5469.74	208.16		18065.00		112.99	100.00	382.00	321.15
1	42	100-YR	5466.38		5469.28	223.08		18065.00			6.00	240.00	
1	42	100-YR FW	5466.37	-0.01	5469.28	222.88		18065.00		17.12	6.00	240.00	244.16
1	41	100-YR	5460.17		5462.33	373.62	113.82	17946.39	4.79		166.00	500.00	
1	41	100-YR FW	5460.65	0.48	5462.42	358.71	159.72	17905.28		139.14	166.00	500.00	497.85
1	40	100-YR	5457.91		5460.10	383.07	1955.05	11930.74	4179.21		250.00	429.00	
1	40	100-YR FW	5458.10	0.19	5460.52	313.28	1744.12	12750.17	3570.72	190.82	250.00	429.00	504.10
1	35	100-YR	5451.71		5453.45	577.06	1006.23	16881.32	177.45		291.00	616.00	
1	35	100-YR FW	5451.74	0.03	5453.45	563.47	1041.64	16840.00	183.36	71.27	291.00	616.00	634.74
1	30	100-YR	5446.45		5447.26	535.30	698.85	17206.89	159.26		314.00	685.00	
1	30	100-YR FW	5446.44	-0.01	5447.25	526.62	700.12	17209.90	154.98	171.23	314.00	685.00	697.85
1	22	100-YR	5443.13		5445.12	461.49	5886.88	11904.65	273.47		361.00	459.00	
1	22	100-YR FW	5443.13	0.00	5445.12	455.58	5896.41	11883.59	285.00	21.73	361.00	459.00	477.31
1	20	100-YR	5440.76		5443.22	339.08	3700.48	13635.58	728.94		523.00	625.00	
1	20	100-YR FW	5440.77	0.02	5443.21	331.35	3704.69	13590.00	770.30	217.74	523.00	625.00	674.07
1	15	100-YR	5436.09		5437.68	640.21	564.03	9996.99	7503.97		291.00	408.00	
1	15	100-YR FW	5436.90	0.81	5439.34	310.78	17.79	12695.34	5351.87	288.48	291.00	408.00	599.26
1	10	100-YR	5431.06		5432.47	804.11	2276.85	10712.72	5075.43		257.00	379.00	

HEC-RAS Plan: Corr Eff - FW River: Tijeras Arroyo Reach: 1 (Continued)

Reach	River Sta	Profile	W.S. Elev	Prof Delta WS	E.G. Elev	Top Width Act	Q Left	Q Channel	Q Right	Enc Sta L	Ch Sta L	Ch Sta R	Enc Sta R
			(ft)	(ft)	(ft)	(ft)	(cfs)	(cfs)	(cfs)	(ft)	(ft)	(ft)	(ft)
1	10	100-YR FW	5431.58	0.52	5434.01	313.70	211.83	13544.55	4308.63	247.03	257.00	379.00	560.73
1	8	100-YR	5421.98		5423.99	433.96		10979.57	7085.43		469.00	628.00	
1	8	100-YR FW	5422.51	0.53	5424.07	491.37		10702.71	7362.29	477.36	469.00	628.00	1091.20
1	6	100-YR	5418.68		5420.61	443.80		15126.79	2938.21		483.00	740.00	
1	6	100-YR FW	5418.95	0.26	5421.18	364.48		16612.16	1452.85	486.25	483.00	740.00	850.73
1	5	100-YR	5412.29		5413.78	402.85		18065.00			395.00	851.00	
1	5	100-YR FW	5412.32	0.03	5413.82	396.30		18065.00		401.33	395.00	851.00	837.68
1	4	100-YR	5405.60		5408.47	233.59		18065.00			603.00	857.00	
1	4	100-YR FW	5405.55	-0.05	5408.49	226.47		18065.00		625.66	603.00	857.00	852.13
1	3.5	100-YR	5399.86		5401.56	355.96		18065.00			453.00	832.00	
1	3.5	100-YR FW	5400.15	0.28	5402.57	287.20		18065.00		519.72	453.00	832.00	806.92
1	3	100-YR	5393.51		5396.17	263.42		18065.00			409.00	710.00	
1	3	100-YR FW	5393.52	0.01	5396.20	255.94		18065.00		446.23	409.00	710.00	702.17
1	2.9	100-YR	5389.00		5390.70	270.62		18065.00			430.00	710.00	
1	2.9	100-YR FW	5389.00	0.00	5391.08	204.00		18065.00		506.00	430.00	710.00	746.00

