

HEC-RAS River: River 1 Reach: Reach 1 Profile: 100yr

Reach	River Sta	Profile	Plan	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
Reach 1	1038	100yr	Proposed	1410.00	494.40	500.53	499.41	501.57	0.004649	8.30	206.69	110.50	0.65
Reach 1	1038	100yr	Ex Modified	1410.00	494.40	500.53	499.41	501.57	0.004649	8.30	206.69	110.50	0.65
Reach 1	980	100yr	Proposed	1410.00	493.24	500.10	499.23	501.28	0.004900	8.97	218.93	295.89	0.68
Reach 1	980	100yr	Ex Modified	1410.00	493.24	500.10	499.23	501.28	0.004900	8.97	218.93	295.89	0.68
Reach 1	910	100yr	Proposed	1410.00	492.63	499.87	499.27	500.72	0.004566	8.96	411.41	561.99	0.66
Reach 1	910	100yr	Ex Modified	1410.00	492.63	499.87	499.27	500.72	0.004566	8.96	411.41	561.99	0.66
Reach 1	901			Culvert									
Reach 1	892	100yr	Proposed	1410.00	492.14	499.30	499.30	500.71	0.008149	11.28	312.30	511.33	0.84
Reach 1	892	100yr	Ex Modified	1410.00	492.14	499.30	499.30	500.71	0.008149	11.28	312.30	511.33	0.84
Reach 1	855	100yr	Proposed	1410.00	492.33	498.82	497.31	499.55	0.002945	7.21	289.85	302.84	0.54
Reach 1	855	100yr	Ex Modified	1410.00	492.33	498.82	497.31	499.55	0.002945	7.21	289.85	302.84	0.54
Reach 1	802	100yr	Proposed	1410.00	491.43	497.36	496.64	499.05	0.006733	10.50	150.51	258.84	0.79
Reach 1	802	100yr	Ex Modified	1410.00	491.43	497.36	496.64	499.05	0.006733	10.50	150.51	258.84	0.79
Reach 1	730	100yr	Proposed	1410.00	490.26	497.15	495.73	498.30	0.004056	8.81	195.60	222.54	0.63
Reach 1	730	100yr	Ex Modified	1410.00	490.26	497.15	495.73	498.30	0.004056	8.81	195.60	222.54	0.63
Reach 1	658	100yr	Proposed	1410.00	489.09	497.08	494.43	497.65	0.001761	6.40	327.93	263.84	0.43
Reach 1	658	100yr	Ex Modified	1410.00	489.09	497.08	494.43	497.65	0.001761	6.40	327.93	263.84	0.43
Reach 1	635	100yr	Proposed	1410.00	489.54	497.12	494.69	497.53	0.001506	5.76	407.42	272.40	0.39
Reach 1	635	100yr	Ex Modified	1410.00	489.54	497.12	494.69	497.53	0.001506	5.76	407.42	272.40	0.39
Reach 1	625			Bridge									
Reach 1	614	100yr	Proposed	1410.00	488.52	495.14	493.71	495.90	0.003283	7.25	255.52	235.83	0.55
Reach 1	614	100yr	Ex Modified	1410.00	488.52	495.14	493.71	495.90	0.003283	7.25	255.52	235.83	0.55
Reach 1	540	100yr	Proposed	1410.00	487.65	495.06	492.78	495.61	0.002020	6.25	272.39	177.24	0.44
Reach 1	540	100yr	Ex Modified	1410.00	487.65	495.06	492.78	495.61	0.002020	6.25	272.39	177.24	0.44
Reach 1	460	100yr	Proposed	1410.00	484.36	495.03	489.28	495.32	0.000600	4.33	362.91	55.21	0.25
Reach 1	460	100yr	Ex Modified	1410.00	484.36	495.03	489.28	495.32	0.000600	4.33	362.91	55.21	0.25
Reach 1	403			Culvert									
Reach 1	351	100yr	Proposed	1410.00	483.40	488.20	488.20	490.29	0.012974	11.59	122.15	30.00	1.00
Reach 1	351	100yr	Ex Modified	1410.00	483.40	488.20	488.20	490.29	0.012974	11.59	122.15	30.00	1.00
Reach 1	301	100yr	Proposed	1410.00	482.17	486.61	486.61	488.27	0.012621	10.32	136.77	41.58	1.00
Reach 1	301	100yr	Ex Modified	1410.00	482.17	486.65	486.61	488.27	0.012185	10.21	138.24	41.63	0.98
Reach 1	254	100yr	Proposed	1410.00	480.80	486.27		487.74	0.008209	9.72	145.37	34.40	0.82
Reach 1	254	100yr	Ex Modified	1410.00	480.80	486.32		487.75	0.007920	9.62	146.99	34.46	0.81
Reach 1	184	100yr	Proposed	1410.00	478.30	486.15		487.19	0.004567	8.22	178.12	39.41	0.63
Reach 1	184	100yr	Ex Modified	1410.00	478.30	486.20		487.23	0.004409	8.13	180.31	39.63	0.62
Reach 1	113	100yr	Proposed	1410.00	477.87	485.76	483.86	486.87	0.004365	8.46	175.89	34.60	0.59
Reach 1	113	100yr	Ex Modified	1410.00	477.87	485.83	483.86	486.91	0.004209	8.37	178.29	34.84	0.58
Reach 1	100	100yr	Proposed	1410.00	478.00	485.19	483.71	486.69	0.006211	9.82	144.52	22.84	0.68
Reach 1	100	100yr	Ex Modified	1410.00	478.00	485.28		486.74	0.005916	9.68	146.70	22.87	0.66
Reach 1	83			Bridge									
Reach 1	68	100yr	Proposed	1410.00	476.36	483.32	483.32	486.07	0.014242	13.31	107.14	20.19	1.00
Reach 1	68	100yr	Ex Modified	1410.00	476.36	483.32	483.32	486.07	0.014242	13.31	107.14	20.19	1.00
Reach 1	54	100yr	Proposed	1410.00	474.57	479.26	479.26	481.11	0.012632	10.91	130.32	37.49	1.00
Reach 1	54	100yr	Ex Modified	1410.00	474.57	479.26	479.26	481.11	0.012632	10.91	130.32	37.49	1.00
Reach 1	33	100yr	Proposed	1410.00	472.13	477.07	477.07	478.87	0.011404	10.81	141.12	43.94	0.98
Reach 1	33	100yr	Ex Modified	1410.00	472.13	477.07	477.07	478.87	0.011404	10.81	141.12	43.94	0.98
Reach 1	8	100yr	Proposed	1410.00	471.66	475.24	475.24	476.78	0.012357	9.96	144.45	49.84	0.99
Reach 1	8	100yr	Ex Modified	1410.00	471.66	475.24	475.24	476.78	0.012357	9.96	144.45	49.84	0.99