

HEC-RAS Plan: Ex Modified River: River 1 Reach: Reach 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
Reach 1	1038	10yr	687.00	494.40	499.00	497.91	499.55	0.003892	5.95	120.51	42.01	0.56
Reach 1	1038	100yr	1410.00	494.40	500.53	499.41	501.57	0.004649	8.30	206.69	110.50	0.65
Reach 1	980	10yr	687.00	493.24	498.80	497.38	499.35	0.003147	5.99	126.15	137.12	0.52
Reach 1	980	100yr	1410.00	493.24	500.10	499.23	501.28	0.004900	8.97	218.93	295.89	0.68
Reach 1	910	10yr	687.00	492.63	498.56	497.80	499.11	0.003550	6.66	227.23	287.02	0.55
Reach 1	910	100yr	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	10yr	687.00	492.14	497.93	497.93	498.98	0.007218	8.83	155.80	310.35	0.75
Reach 1	892	100yr	1410.00	492.14	499.30	499.30	500.71	0.008149	11.28	312.30	511.33	0.84
Reach 1	855	10yr	687.00	492.33	496.26	495.65	497.01	0.006176	6.97	108.01	218.12	0.70
Reach 1	855	100yr	1410.00	492.33	498.82	497.31	499.55	0.002945	7.21	289.85	302.84	0.54
Reach 1	802	10yr	687.00	491.43	496.01	494.82	496.73	0.004177	6.85	106.79	246.09	0.59
Reach 1	802	100yr	1410.00	491.43	497.36	496.64	499.05	0.006733	10.50	150.51	258.84	0.79
Reach 1	730	10yr	687.00	490.26	495.87	493.92	496.34	0.002201	5.55	141.13	203.36	0.44
Reach 1	730	100yr	1410.00	490.26	497.15	495.73	498.30	0.004056	8.81	195.60	222.54	0.63
Reach 1	658	10yr	687.00	489.09	495.82	492.74	496.06	0.000911	4.04	223.55	221.06	0.30
Reach 1	658	100yr	1410.00	489.09	497.08	494.43	497.65	0.001761	6.40	327.93	263.84	0.43
Reach 1	635	10yr	687.00	489.54	495.82	493.08	496.02	0.000893	3.84	262.82	245.02	0.29
Reach 1	635	100yr	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	10yr	687.00	488.52	492.31	492.09	493.32	0.011010	8.07	85.14	63.67	0.89
Reach 1	614	100yr	1410.00	488.52	495.14	493.71	495.90	0.003283	7.25	255.52	235.83	0.55
Reach 1	540	10yr	687.00	487.65	491.66	491.20	492.54	0.008481	7.56	90.91	32.36	0.79
Reach 1	540	100yr	1410.00	487.65	495.06	492.78	495.61	0.002020	6.25	272.39	177.24	0.44
Reach 1	460	10yr	687.00	484.36	491.68	487.66	491.85	0.000623	3.31	215.42	41.11	0.23
Reach 1	460	100yr	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	10yr	687.00	483.40	486.56	486.56	487.88	0.014822	9.23	74.42	28.10	1.00
Reach 1	351	100yr	1410.00	483.40	488.20	488.20	490.29	0.012974	11.59	122.15	30.00	1.00
Reach 1	301	10yr	687.00	482.17	485.27	485.27	486.35	0.014677	8.34	82.34	38.84	1.01
Reach 1	301	100yr	1410.00	482.17	486.65	486.61	488.27	0.012185	10.21	138.24	41.63	0.98
Reach 1	254	10yr	687.00	480.80	484.18	484.18	485.42	0.014018	8.92	76.98	31.10	1.00
Reach 1	254	100yr	1410.00	480.80	486.32		487.75	0.007920	9.62	146.99	34.48	0.81
Reach 1	184	10yr	687.00	478.30	483.17	483.07	484.43	0.013340	8.98	76.48	28.32	0.96
Reach 1	184	100yr	1410.00	478.30	486.20		487.23	0.004409	8.13	180.31	39.63	0.62
Reach 1	113	10yr	687.00	477.87	482.68	481.80	483.63	0.007611	7.85	87.52	23.32	0.71
Reach 1	113	100yr	1410.00	477.87	485.83	483.86	486.91	0.004209	8.37	178.29	34.84	0.58
Reach 1	100	10yr	687.00	478.00	482.42		483.50	0.008946	8.33	82.47	21.90	0.76
Reach 1	100	100yr	1410.00	478.00	485.28		486.74	0.005916	9.68	146.70	22.87	0.66
Reach 1	68	10yr	687.00	476.36	481.21	481.21	482.93	0.016545	10.49	65.46	19.14	1.00
Reach 1	68	100yr	1410.00	476.36	483.32	483.32	486.07	0.014242	13.31	107.14	20.19	1.00
Reach 1	54	10yr	687.00	474.57	477.83	477.83	479.00	0.014515	8.69	79.04	34.28	1.01
Reach 1	54	100yr	1410.00	474.57	479.26	479.26	481.11	0.012632	10.91	130.32	37.49	1.00
Reach 1	33	10yr	687.00	472.13	475.64	475.64	476.79	0.013662	8.60	81.39	38.60	0.99
Reach 1	33	100yr	1410.00	472.13	477.07	477.07	478.87	0.011404	10.81	141.12	43.94	0.98
Reach 1	8	10yr	687.00	471.66	474.03	474.03	475.01	0.014938	7.92	86.79	45.68	1.01
Reach 1	8	100yr	1410.00	471.66	475.24	475.24	476.78	0.012357	9.96	144.45	49.84	0.99