

HEC-RAS Plan: Rev Ex River: Rainbow Trib Reach: North

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)	
North	7061	010-YR	207.00	5514.30	5516.06	5516.06	5516.64	0.017519	6.12	33.80	29.27	1.00
North	7061	050-YR	381.00	5514.30	5516.81	5516.81	5517.37	0.010748	6.15	73.10	84.67	0.84
North	7061	100-YR	472.00	5514.30	5517.03	5517.03	5517.60	0.009735	6.36	94.28	104.55	0.81
North	7061	500-YR	709.00	5514.30	5517.49	5517.49	5518.04	0.008022	6.67	159.62	160.69	0.77
North	6862	010-YR	207.00	5509.72	5511.88	5511.88	5512.57	0.014891	6.69	32.06	27.68	0.96
North	6862	050-YR	381.00	5509.72	5512.75	5512.75	5513.42	0.008738	6.96	72.03	63.99	0.80
North	6862	100-YR	472.00	5509.72	5512.93	5512.93	5513.73	0.009670	7.69	84.21	69.75	0.85
North	6862	500-YR	709.00	5509.72	5513.57	5513.57	5514.34	0.007889	8.06	139.86	103.54	0.80
North	6777	010-YR	207.00	5508.03	5509.67	5509.67	5510.23	0.017605	6.02	34.41	30.88	1.00
North	6777	050-YR	381.00	5508.03	5510.28	5510.28	5511.02	0.016104	6.91	55.17	38.33	1.01
North	6777	100-YR	472.00	5508.03	5510.53	5510.53	5511.35	0.014850	7.28	65.69	45.34	0.99
North	6777	500-YR	709.00	5508.03	5511.21	5511.21	5512.00	0.009532	7.31	116.84	96.39	0.84
North	6663	010-YR	207.00	5505.83	5508.08	5508.04	5508.75	0.015602	6.55	31.64	23.75	0.97
North	6663	050-YR	381.00	5505.83	5508.96	5508.96	5509.58	0.009460	6.59	72.23	70.83	0.81
North	6663	100-YR	472.00	5505.83	5509.18	5509.18	5509.85	0.009372	7.02	88.34	75.97	0.82
North	6663	500-YR	709.00	5505.83	5509.60	5509.60	5510.44	0.010005	8.12	124.36	92.79	0.87
North	6492	010-YR	207.00	5503.41	5505.36	5505.36	5505.99	0.016575	6.34	32.64	213.98	0.99
North	6492	050-YR	381.00	5503.41	5505.86	5505.86	5506.37	0.012257	6.35	76.95	233.33	0.89
North	6492	100-YR	472.00	5503.41	5505.96	5505.96	5505.98	0.000624	1.47	410.19	237.02	0.20
North	6492	500-YR	709.00	5503.41	5505.96	5505.96	5506.01	0.001409	2.21	410.19	237.02	0.30
North	6301	010-YR	207.00	5499.93	5501.40	5501.40	5501.46	0.004210	2.62	114.79	227.46	0.48
North	6301	050-YR	381.00	5499.93	5501.49	5501.40	5501.65	0.010291	4.38	129.88	239.94	0.76
North	6301	100-YR	472.00	5499.93	5501.40	5501.40	5501.70	0.021888	5.98	114.79	227.46	1.09
North	6301	500-YR	709.00	5499.93	5501.60	5501.60	5502.02	0.024758	7.23	147.08	252.91	1.19
North	6131	010-YR	207.00	5496.75	5498.11	5498.11	5498.25	0.011226	3.97	75.00	241.01	0.76
North	6131	050-YR	381.00	5496.75	5498.11	5498.11	5498.60	0.038030	7.31	75.00	241.01	1.41
North	6131	100-YR	472.00	5496.75	5498.13	5498.13	5498.27	0.013429	4.42	164.39	244.30	0.84
North	6131	500-YR	709.00	5496.75	5498.41	5498.13	5498.57	0.010161	4.66	237.87	263.26	0.77
North	5879	010-YR	207.00	5490.41	5492.30	5492.30	5492.43	0.006553	3.69	85.41	113.47	0.61
North	5879	050-YR	381.00	5490.41	5492.40	5492.40	5492.73	0.015315	5.88	98.43	139.68	0.95
North	5879	100-YR	472.00	5490.41	5492.41	5492.41	5492.90	0.022966	7.23	99.32	141.11	1.16

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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)	
North	5879	500-YR	709.00	5490.41	5492.41	5492.41	5493.52	0.051819	10.86	99.32	141.11	1.74
North	5605	010-YR	207.00	5483.86	5485.63	5485.63	5486.30	0.014443	6.63	32.77	76.27	0.96
North	5605	050-YR	381.00	5483.86	5486.34	5486.34	5487.29	0.012585	8.02	52.70	236.07	0.95
North	5605	100-YR	472.00	5483.86	5486.45	5486.45	5486.75	0.005903	5.68	170.95	257.93	0.66
North	5605	500-YR	709.00	5483.86	5486.66	5486.66	5487.03	0.007256	6.66	220.69	293.19	0.74
North	5392	010-YR	207.00	5478.30	5480.75	5480.75	5481.31	0.018999	5.98	34.60	32.37	1.02
North	5392	050-YR	381.00	5478.30	5481.31	5481.31	5482.10	0.016779	7.09	53.80	36.04	1.02
North	5392	100-YR	472.00	5478.30	5481.56	5481.56	5482.44	0.015838	7.53	62.90	37.17	1.01
North	5392	500-YR	709.00	5478.30	5482.19	5482.19	5483.23	0.013148	8.22	88.79	54.30	0.96
North	5228	010-YR	207.00	5474.01	5475.41	5475.41	5475.95	0.016024	6.37	43.49	134.63	0.99
North	5228	050-YR	381.00	5474.01	5475.82	5475.82	5476.12	0.008808	5.69	127.12	178.82	0.77
North	5228	100-YR	472.00	5474.01	5475.94	5475.94	5476.25	0.009160	6.05	147.20	180.52	0.79
North	5228	500-YR	709.00	5474.01	5476.13	5476.13	5476.55	0.011442	7.23	182.31	183.52	0.90
North	4950	010-YR	207.00	5466.36	5467.95	5467.95	5468.52	0.014769	6.25	36.81	149.63	0.95
North	4950	050-YR	381.00	5466.36	5468.35	5468.35	5468.83	0.011350	6.53	87.46	180.95	0.87
North	4950	100-YR	472.00	5466.36	5468.39	5468.39	5468.51	0.004142	4.00	199.80	182.57	0.53
North	4950	500-YR	709.00	5466.36	5468.39	5468.39	5468.67	0.009345	6.01	199.80	182.57	0.79
North	4696	010-YR	212.00	5460.50	5462.01	5462.01	5462.33	0.011589	5.51	60.49	162.11	0.84
North	4696	050-YR	416.00	5460.50	5462.34	5462.34	5462.88	0.015572	7.41	88.56	189.85	1.01
North	4696	100-YR	529.00	5460.50	5462.39	5462.39	5462.63	0.009454	5.88	172.18	197.46	0.79
North	4696	500-YR	833.00	5460.50	5462.55	5462.55	5462.95	0.014287	7.68	204.49	202.98	0.99
North	4469	010-YR	212.00	5455.64	5457.08	5457.08	5457.13	0.003115	2.56	135.11	193.52	0.43
North	4469	050-YR	416.00	5455.64	5457.08	5457.08	5457.27	0.011996	5.03	135.11	193.52	0.83
North	4469	100-YR	529.00	5455.64	5457.08	5457.08	5457.38	0.019397	6.40	135.11	193.52	1.06
North	4469	500-YR	833.00	5455.64	5457.30	5457.30	5457.74	0.022365	7.74	174.01	222.20	1.17
North	4241	010-YR	212.00	5451.22	5452.88	5452.88	5453.25	0.011015	5.81	55.56	185.33	0.84
North	4241	050-YR	416.00	5451.22	5453.15	5453.15	5453.24	0.003829	3.83	199.92	210.35	0.51
North	4241	100-YR	529.00	5451.22	5453.15	5453.15	5453.30	0.006192	4.87	199.92	210.35	0.65
North	4241	500-YR	833.00	5451.22	5453.15	5453.15	5453.54	0.015353	7.67	199.92	210.35	1.02
North	4112	010-YR	212.00	5448.41	5449.49	5449.42	5449.71	0.014370	3.78	57.70	191.86	0.83

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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)	
North	4112	050-YR	416.00	5448.41	5449.76	5449.76	5450.14	0.016012	5.01	89.06	245.79	0.93
North	4112	100-YR	529.00	5448.41	5449.91	5449.91	5450.34	0.015128	5.39	107.27	272.99	0.93
North	4112	500-YR	833.00	5448.41	5450.24	5450.24	5450.80	0.013923	6.21	150.97	291.64	0.93
North	3947	010-YR	212.00	5445.64	5446.77	5446.77	5447.00	0.019082	5.22	65.84	134.05	1.00
North	3947	050-YR	416.00	5445.64	5447.10	5446.92	5447.38	0.016207	6.02	118.78	178.22	0.98
North	3947	100-YR	529.00	5445.64	5447.26	5447.18	5447.55	0.014342	6.17	148.40	186.78	0.94
North	3947	500-YR	833.00	5445.64	5447.63	5447.47	5447.94	0.011781	6.58	224.74	225.13	0.89
North	3802	010-YR	212.00	5444.50	5445.74	5445.43	5445.81	0.003610	2.61	112.81	159.71	0.45
North	3802	050-YR	416.00	5444.50	5446.08	5445.69	5446.21	0.004364	3.48	172.32	188.06	0.52
North	3802	100-YR	529.00	5444.50	5446.24	5445.84	5446.40	0.004586	3.84	206.29	227.22	0.54
North	3802	500-YR	833.00	5444.50	5446.56	5446.12	5446.78	0.005296	4.68	290.02	286.69	0.60
North	3660	010-YR	212.00	5443.86	5444.90	5444.81	5445.01	0.009774	3.17	93.64	233.00	0.69
North	3660	050-YR	416.00	5443.86	5445.16	5445.02	5445.32	0.009470	3.90	148.86	262.44	0.72
North	3660	100-YR	529.00	5443.86	5445.28	5445.13	5445.47	0.009784	4.29	174.34	279.89	0.74
North	3660	500-YR	833.00	5443.86	5445.59	5445.35	5445.82	0.008613	4.80	249.76	387.31	0.73
North	3477	010-YR	212.00	5441.54	5442.66	5442.65	5442.88	0.013799	4.05	66.47	163.20	0.83
North	3477	050-YR	416.00	5441.54	5442.93	5442.93	5443.23	0.013797	4.98	116.66	201.25	0.88
North	3477	100-YR	529.00	5441.54	5443.06	5443.06	5443.38	0.013163	5.27	142.98	207.76	0.88
North	3477	500-YR	833.00	5441.54	5443.27	5443.27	5443.72	0.015355	6.39	187.59	236.51	0.97
North	3300	010-YR	212.00	5437.59	5439.60	5439.60	5440.21	0.016214	6.30	33.66	54.60	0.98
North	3300	050-YR	416.00	5437.59	5440.51	5440.42	5441.12	0.009489	6.43	76.51	179.98	0.81
North	3300	100-YR	529.00	5437.59	5440.63	5440.61	5440.96	0.006502	5.53	160.24	222.28	0.67
North	3300	500-YR	833.00	5437.59	5441.11	5440.89	5441.43	0.005431	5.80	248.26	342.34	0.64
North	3085	010-YR	212.00	5436.00	5437.81	5437.81	5437.92	0.005578	3.29	90.32	165.09	0.56
North	3085	050-YR	416.00	5436.00	5437.84	5437.84	5438.23	0.019524	6.24	93.29	168.13	1.05
North	3085	100-YR	529.00	5436.00	5437.90	5437.90	5438.45	0.026147	7.42	99.89	188.95	1.23
North	3085	500-YR	833.00	5436.00	5438.11	5438.11	5438.97	0.035180	9.35	125.41	237.20	1.45
North	2757	010-YR	212.00	5431.46	5432.66	5432.39	5432.76	0.004609	2.77	95.88	160.23	0.50
North	2757	050-YR	416.00	5431.46	5433.03	5432.72	5433.18	0.004539	3.43	168.34	215.83	0.53
North	2757	100-YR	529.00	5431.46	5433.20	5432.89	5433.36	0.004420	3.67	206.73	236.90	0.53
North	2757	500-YR	833.00	5431.46	5433.53	5433.16	5433.73	0.004512	4.25	291.62	266.31	0.56

HEC-RAS Plan: Rev Ex River: Rainbow Trib Reach: North (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)	
North	2627	010-YR	212.00	5430.21	5431.46	5431.46	5431.73	0.016155	5.21	64.81	121.96	0.94
North	2627	050-YR	416.00	5430.21	5431.79	5431.79	5432.15	0.015972	6.32	109.36	156.23	0.98
North	2627	100-YR	529.00	5430.21	5431.92	5431.92	5432.33	0.016465	6.87	130.86	176.52	1.02
North	2627	500-YR	833.00	5430.21	5432.28	5432.28	5432.73	0.014696	7.52	197.07	223.09	1.00
North	2237	010-YR	218.00	5424.61	5426.31	5425.91	5426.43	0.003330	2.95	105.13	197.95	0.45
North	2237	050-YR	440.00	5424.61	5426.73	5426.44	5426.88	0.003554	3.66	195.62	237.94	0.49
North	2237	100-YR	579.00	5424.61	5426.92	5426.61	5427.09	0.003657	3.98	242.19	250.49	0.50
North	2237	500-YR	961.00	5424.61	5427.31	5426.96	5427.52	0.004048	4.73	343.51	281.31	0.55
North	2046	010-YR	218.00	5423.81	5424.83	5424.83	5425.09	0.022737	4.04	54.00	107.72	1.01
North	2046	050-YR	440.00	5423.81	5425.15	5425.15	5425.50	0.020706	4.68	93.94	139.80	1.01
North	2046	100-YR	579.00	5423.81	5425.30	5425.30	5425.69	0.019211	5.04	115.75	163.43	1.00
North	2046	500-YR	961.00	5423.81	5425.64	5425.64	5426.14	0.015358	5.70	180.17	211.07	0.95
North	1944	010-YR	218.00	5420.13	5421.59	5421.59	5422.04	0.014810	5.49	43.19	57.85	0.92
North	1944	050-YR	440.00	5420.13	5422.25	5422.25	5422.76	0.009943	6.15	93.76	125.47	0.82
North	1944	100-YR	579.00	5420.13	5422.50	5422.50	5423.06	0.009691	6.63	121.53	148.80	0.83
North	1944	500-YR	961.00	5420.13	5423.03	5423.03	5423.70	0.009248	7.59	191.48	191.42	0.84
North	1749	010-YR	218.00	5416.12	5417.65	5417.65	5418.04	0.012136	5.27	50.27	87.43	0.85
North	1749	050-YR	440.00	5416.12	5418.16	5418.16	5418.67	0.012370	6.37	90.89	120.05	0.89
North	1749	100-YR	579.00	5416.12	5418.45	5418.45	5418.99	0.010926	6.70	122.35	145.12	0.86
North	1749	500-YR	961.00	5416.12	5419.02	5419.02	5419.59	0.009042	7.29	211.27	223.95	0.82
North	1502	010-YR	218.00	5411.72	5413.38	5413.25	5413.70	0.012377	4.54	48.01	50.74	0.82
North	1502	050-YR	440.00	5411.72	5413.81	5413.79	5414.40	0.015811	6.17	71.29	68.02	0.97
North	1502	100-YR	579.00	5411.72	5414.12	5414.12	5414.76	0.013950	6.44	92.26	108.40	0.94
North	1502	500-YR	961.00	5411.72	5414.68	5414.68	5415.52	0.012255	7.47	139.40	123.21	0.93
North	1369	010-YR	218.00	5410.14	5411.23	5411.23	5411.53	0.021801	4.43	49.18	82.61	1.01
North	1369	050-YR	440.00	5410.14	5411.61	5411.61	5412.03	0.019120	5.24	84.39	105.24	1.01
North	1369	100-YR	579.00	5410.14	5411.79	5411.79	5412.28	0.017835	5.62	104.65	116.24	1.00
North	1369	500-YR	961.00	5410.14	5412.22	5412.22	5412.82	0.014451	6.31	164.86	172.63	0.95
North	1210	010-YR	218.00	5404.03	5405.02	5405.02	5405.49	0.002563	5.51	39.60	42.17	1.00
North	1210	050-YR	440.00	5404.03	5405.58	5405.58	5406.31	0.002253	6.86	64.17	44.38	1.01

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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)	
North	1210	100-YR	579.00	5404.03	5405.88	5405.88	5406.75	0.002145	7.45	77.73	45.64	1.01
North	1210	500-YR	961.00	5404.03	5406.63	5406.63	5407.74	0.001970	8.49	113.24	51.19	1.01
North	1068	010-YR	218.00	5391.09	5393.53	5393.53	5394.76	0.003134	8.91	24.46	10.05	1.01
North	1068	050-YR	440.00	5391.09	5394.99	5394.99	5396.95	0.003378	11.24	39.16	10.08	1.01
North	1068	100-YR	579.00	5391.09	5395.77	5395.77	5398.13	0.003553	12.31	47.03	10.09	1.01
North	1068	500-YR	961.00	5391.09	5397.65	5397.65	5400.94	0.003998	14.55	66.05	10.13	1.00
North	1000	010-YR	218.00	5386.00	5388.44	5388.44	5389.68	0.003133	8.91	24.47	10.03	1.01
North	1000	050-YR	440.00	5386.00	5389.90	5389.90	5391.87	0.003392	11.25	39.11	10.05	1.01
North	1000	100-YR	579.00	5386.00	5390.69	5390.69	5393.04	0.003552	12.31	47.05	10.07	1.00
North	1000	500-YR	961.00	5386.00	5392.57	5392.57	5395.87	0.004015	14.56	65.98	10.09	1.00