HEC-RAS Plan: Plan 01 River: 1 Reach: 1 Profile: PF 1

Reach	River Sta	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
		(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	
1	1	184.00	1205.00	1205.99	1205.90	1206.18	0.010003	1.91	96.19	175.59	0.83
1	1.09090*	184.00	1205.00	1206.06		1206.22	0.007923	1.77	103.91	178.84	0.74
1	1.18181*	184.00	1205.00	1206.10		1206.26	0.007158	1.72	106.81	177.53	0.71
1	1.27272*	184.00	1205.00	1206.14		1206.29	0.006639	1.69	108.58	174.82	0.69
1	1.36363*	184.00	1205.00	1206.17		1206.32	0.006144	1.67	109.87	169.87	0.66
1	1.45454*	184.00	1205.00	1206.20		1206.34	0.005871	1.66	110.77	167.58	0.65
1	1.54545*	184.00	1205.00	1206.23		1206.37	0.005536	1.65	111.45	162.82	0.64
1	1.63636*	184.00	1205.00	1206.26		1206.39	0.005295	1.64	111.98	159.36	0.63
1	1.72727*	184.00	1205.00	1206.28		1206.42	0.005148	1.64	112.38	157.41	0.62
1	1.81818*	184.00	1205.00	1206.30		1206.44	0.005017	1.63	112.68	155.43	0.61
1	1.90909*	184.00	1205.00	1206.33		1206.46	0.004915	1.63	112.84	153.60	0.61
1	2	184.00	1205.00	1206.35		1206.49	0.004816	1.63	112.99	151.76	0.60
1	2.5	Culvert									
1	3	184.00	1205.00	1207.63	1206.25	1207.65	0.000403	0.60	305.40	283.39	0.19
1	3.07142*	184.00	1205.15	1207.63		1207.65	0.000494	0.66	276.88	258.78	0.21
1	3.14285*	184.00	1205.29	1207.63		1207.66	0.000581	0.73	251.64	229.95	0.22
1	3.21428*	184.00	1205.44	1207.63		1207.66	0.000714	0.80	228.85	211.69	0.25
1	3.28571*	184.00	1205.58	1207.63		1207.67	0.000926	0.89	207.16	200.63	0.28
1	3.35714*	184.00	1205.73	1207.63		1207.68	0.001230	0.99	186.35	190.51	0.32
1	3.42857*	184.00	1205.87	1207.63		1207.69	0.001670	1.11	166.39	180.48	0.37
1	3.5*	184.00	1206.02	1207.62		1207.70	0.002334	1.25	147.26	170.96	0.43
1	3.57142*	184.00	1206.16	1207.62		1207.72	0.003376	1.43	128.90	161.65	0.51
1	3.64285*	184.00	1206.31	1207.62		1207.76	0.005092	1.65	111.26	152.29	0.62
1	3.71428*	184.00	1206.45	1207.61	1207.48	1207.80	0.008096	1.95	94.26	142.45	0.77
1	3.78571*	184.00	1206.60	1207.51	1207.59	1207.90	0.021684	2.78	66.21	123.32	1.21
1	3.85714*	184.00	1206.74	1207.63	1207.70	1208.01	0.021146	2.73	67.34	126.24	1.19
1	3.92857*	184.00	1206.89	1207.75	1207.81	1208.11	0.020317	2.67	68.79	129.24	1.17
1	4	184.00	1207.03	1207.92	1207.92	1208.21	0.014799	2.37	77.65	137.94	1.01
1	4.08333*	184.00	1206.69	1208.16		1208.25	0.003024	1.36	135.58	168.85	0.48
1	4.16666*	184.00	1206.36	1208.21		1208.27	0.001490	1.08	170.45	175.90	0.35
1	4.25*	184.00	1206.02	1208.23		1208.28	0.000811	0.89	206.38	179.87	0.27
1	4.33333*	184.00	1205.69	1208.25		1208.28	0.000464	0.75	245.15	181.69	0.21
1	4.41666*	184.00	1205.35	1208.26		1208.28	0.000272	0.64	287.53	181.41	0.16
1	4.5*	184.00	1205.02	1208.27		1208.28	0.000164	0.55	333.86	179.80	0.13
1	4.58333*	184.00	1204.68	1208.27		1208.28	0.000099	0.48	384.48	174.96	0.10
1	4.66666*	184.00	1204.34	1208.28		1208.29	0.000057	0.42	440.15	161.55	0.08
1	4.75*	184.00	1204.01	1208.28		1208.29	0.000036	0.37	501.26	160.25	0.07
1	4.83333*	184.00	1203.67	1208.28		1208.29	0.000024	0.32	566.69	160.62	0.06
1	4.91666*	184.00	1203.34	1208.28		1208.29	0.000017	0.29	636.27	161.19	0.05
1	5	184.00	1203.00	1208.28		1208.29	0.000012	0.26	709.98	161.92	0.04
1	5.05263*	184.00	1203.05	1208.28		1208.29	0.000013	0.26	700.67	169.89	0.04
1	5.10526*	184.00	1203.11	1208.28		1208.29	0.000014	0.27	691.77	177.57	0.04
1	5.15789*	184.00	1203.16	1208.28		1208.29	0.000018	0.27	685.66	209.12	0.05
1	5.21052*	184.00	1203.21	1208.28		1208.29	0.000020	0.27	682.89	221.37	0.05
1	5.26315*	184.00	1203.26	1208.28		1208.29	0.000021	0.27	680.16	226.77	0.05
1	5.31579*	184.00	1203.32	1208.28		1208.29	0.000022	0.27	676.14	230.07	0.05
1	5.36842*	184.00	1203.37	1208.28		1208.29	0.000023	0.27	670.78	232.14	0.05
1	5.42105*	184.00	1203.42	1208.28		1208.29	0.000023	0.28	663.73	233.36	0.05
1	5.47368*	184.00	1203.47	1208.28		1208.29	0.000025	0.28	654.86	233.81	0.05
1	5.52631*	184.00	1203.53	1208.28		1208.29	0.000026	0.29	644.35	233.65	0.05
1	5.57894*	184.00	1203.58	1208.28		1208.29	0.000028	0.29	631.70	232.90	0.06
1	5.63157*	184.00	1203.63	1208.28		1208.29	0.000030	0.30	617.04	231.62	0.06
1	5.68421*	184.00	1203.68	1208.28		1208.29	0.000032	0.31	600.54	229.91	0.06
1	5.73684*	184.00	1203.74	1208.28		1208.29	0.000035	0.32	581.74	227.75	0.06
1	5.78947*	184.00	1203.79	1208.28		1208.29	0.000039	0.33	560.97	225.19	0.07
1	5.84210*	184.00	1203.84	1208.28		1208.29	0.000044	0.34	537.98	222.28	0.07
1	5.89473*	184.00	1203.90	1208.28		1208.29	0.000051	0.36	512.75	218.98	0.07
1	5.94736*	184.00	1203.95	1208.28		1208.29	0.000060	0.38	485.55	215.40	0.08
1	6	184.00	1204.00	1208.28		1208.29	0.000073	0.40	456.06	211.47	0.09
1	6.02564*	184.00	1204.23	1208.28		1208.29	0.000093	0.44	415.45	203.01	0.10
1	6.05128*	184.00	1204.46	1208.28		1208.29	0.000122	0.49	376.25	194.21	0.11
1	6.07692*	184.00	1204.69	1208.28		1208.29	0.000163	0.54	338.57	185.09	0.13
1	6.10256*	184.00	1204.91	1208.28		1208.30	0.000221	0.61	302.44	175.56	0.15
1	6.12820*	184.00	1205.14	1208.27		1208.30	0.000306	0.69	267.94	165.64	0.17
1	6.15384*	184.00	1205.37	1208.27		1208.30	0.000433	0.78	235.16	155.26	0.20
1	6.17948*	184.00	1205.60	1208.27		1208.31	0.000630	0.90	204.20	144.60	0.24
1	6.20512*	184.00	1205.83	1208.26		1208.32	0.000981	1.05	174.82	136.79	0.30
1	6.23076*	184.00	1206.06	1208.25		1208.33	0.001649	1.26	146.10	128.97	0.38
1	6.25641*	184.00	1206.29	1208.23	1207.73	1208.35	0.002930	1.55	118.42	117.41	0.49
1	6.28205*	184.00	1206.51	1207.66	1207.95	1208.56	0.042177	4.20	43.78	72.16	1.72
1	6.30769*	184.00	1206.74	1207.88	1208.16	1208.77	0.042190	4.19	43.96	72.92	1.72
1	6.33333*	184.00	1206.97	1208.09	1208.38	1208.98	0.042236	4.17	44.14	73.74	1.72
1	6.35897*	184.00	1207.20	1208.31	1208.60	1209.19	0.042274	4.15	44.33	74.60	1.72
1	6.38461*	184.00	1207.43	1208.53	1208.81	1209.40	0.042276	4.13	44.54	75.46	1.72
1	6.41025*	184.00	1207.66	1208.75	1209.03	1209.61	0.042318	4.11	44.74	76.41	1.72
1	6.43589*	184.00	1207.89	1208.97	1209.25	1209.82	0.042306	4.09	44.96	77.34	1.71
1	6.46153*	184.00	1208.11	1209.19	1209.46	1210.04	0.042332	4.07	45.19	78.37	1.71
1	6.48717*	184.00	1208.34	1209.41	1209.68	1210.25	0.042305	4.05	45.44	79.39	1.71
1	6.51282*	184.00	1208.57	1209.63	1209.90	1210.46	0.042324	4.03	45.69	80.54	1.71
1	6.53846*	184.00	1208.80	1209.85	1210.12	1210.67	0.042323	4.00	45.96	81.71	1.70

HEC-RAS Plan: Plan 01 River: 1 Reach: 1 Profile: PF 1 (Continued)

Reach	River Sta	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
		(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	
1	6.56410*	184.00	1209.03	1210.07	1210.33	1210.88	0.042276	3.98	46.24	82.91	1.70
1	6.58974*	184.00	1209.26	1210.30	1210.55	1211.09	0.042241	3.95	46.54	84.23	1.70
1	6.61538*	184.00	1209.49	1210.52	1210.77	1211.30	0.042188	3.93	46.86	85.60	1.69
1	6.64102*	184.00	1209.71	1210.74	1210.99	1211.51	0.042105	3.90	47.22	87.10	1.69
1	6.66666*	184.00	1209.94	1210.96	1211.21	1211.73	0.042015	3.87	47.60	88.73	1.68
1	6.69230*	184.00	1210.17	1211.19	1211.43	1211.94	0.041915	3.83	48.02	90.54	1.68
1	6.71794*	184.00	1210.40	1211.41	1211.65	1212.15	0.041818	3.80	48.48	92.57	1.67
1	6.74359*	184.00	1210.63	1211.64	1211.87	1212.35	0.041678	3.76	48.98	94.74	1.67
1	6.76923*	184.00	1210.86	1211.86	1212.09	1212.56	0.041562	3.72	49.52	97.19	1.66
1	6.79487*	184.00	1211.09	1212.09	1212.31	1212.77	0.041413	3.67	50.12	99.88	1.65
1	6.82051*	184.00	1211.31	1212.31	1212.52	1212.98	0.041343	3.62	50.76	102.95	1.65
1	6.84615*	184.00	1211.54	1212.54	1212.74	1213.19	0.041357	3.58	51.42	106.39	1.64
1	6.87179*	184.00	1211.77	1212.76	1212.96	1213.40	0.041063	3.53	52.13	109.47	1.63
1	6.89743*	184.00	1212.00	1212.99	1213.18	1213.60	0.040264	3.46	53.12	113.08	1.61
1	6.92307*	184.00	1212.23	1213.22	1213.40	1213.80	0.039142	3.38	54.40	117.52	1.59
1	6.94871*	184.00	1212.46	1213.45	1213.62	1214.00	0.037641	3.28	56.12	123.35	1.55
1	6.97435*	184.00	1212.69	1213.69	1213.83	1214.18	0.034107	3.09	59.50	132.59	1.47
1	7	184.00	1212.91	1214.05	1214.05	1214.31	0.015667	2.26	81.43	162.09	1.02
1	7.02325*	184.00	1212.98	1214.17	1214.11	1214.38	0.011199	2.01	91.49	168.59	0.87
1	7.04651*	184.00	1213.04	1214.22	1214.17	1214.44	0.011755	2.05	89.78	166.81	0.89
1	7.06976*	184.00	1213.10	1214.28	1214.23	1214.50	0.012055	2.07	88.82	165.50	0.90
1	7.09302*	184.00	1213.16	1214.34	1214.29	1214.56	0.012185	2.08	88.36	164.66	0.91
1	7.11628*	184.00	1213.22	1214.40	1214.36	1214.62	0.012281	2.09	87.97	163.78	0.91
1	7.13953*	184.00	1213.28	1214.46	1214.42	1214.68	0.012328	2.10	87.72	163.10	0.91
1	7.16279*	184.00	1213.34	1214.52	1214.48	1214.74	0.012377	2.10	87.45	162.36	0.92
1	7.18604*	184.00	1213.40	1214.58	1214.54	1214.81	0.012381	2.11	87.31	161.75	0.92
1	7.20930*	184.00	1213.46	1214.64	1214.60	1214.87	0.012407	2.11	87.10	161.03	0.92
1	7.23255*	184.00	1213.52	1214.70	1214.66	1214.93	0.012412	2.12	86.97	160.49	0.92
1	7.25581*	184.00	1213.58	1214.76	1214.72	1214.99	0.012420	2.12	86.81	159.82	0.92
1	7.27907*	184.00	1213.64	1214.82	1214.78	1215.05	0.012430	2.12	86.65	159.19	0.92
1	7.30232*	184.00	1213.71	1214.88	1214.84	1215.11	0.012412	2.13	86.58	158.68	0.92
1	7.32558*	184.00	1213.77	1214.94	1214.90	1215.18	0.012413	2.13	86.45	158.07	0.92
1	7.34883*	184.00	1213.83	1215.01	1214.96	1215.24	0.012404	2.13	86.36	157.57	0.92
1	7.37209*	184.00	1213.89	1215.07	1215.03	1215.30	0.012405	2.13	86.23	156.99	0.92
1	7.39534*	184.00	1213.95	1215.13	1215.09	1215.36	0.012410	2.14	86.10	156.48	0.92
1	7.41860*	184.00	1214.01	1215.19	1215.15	1215.42	0.012416	2.14	85.96	155.90	0.92
1	7.44186*	184.00	1214.07	1215.25	1215.21	1215.48	0.012399	2.14	85.89	155.41	0.92
1	7.46511*	184.00	1214.13	1215.31	1215.27	1215.54	0.012401	2.15	85.77	154.88	0.92
1	7.48837*	184.00	1214.19	1215.37	1215.33	1215.60	0.012391	2.15	85.67	154.35	0.92
1	7.51162*	184.00	1214.25	1215.43	1215.39	1215.67	0.012400	2.15	85.55	153.89	0.92
1	7.53488*	184.00	1214.31	1215.49	1215.45	1215.73	0.012382	2.15	85.47	153.36	0.92
1	7.55814*	184.00	1214.37	1215.55	1215.51	1215.79	0.012377	2.15	85.39	152.95	0.92
1	7.58139*	184.00	1214.44	1215.61	1215.57	1215.85	0.012384	2.16	85.25	152.39	0.92
1	7.60465*	184.00	1214.50	1215.67	1215.63	1215.91	0.012388	2.16	85.15	151.97	0.92
1	7.62790*	184.00	1214.56	1215.73	1215.69	1215.97	0.012385	2.16	85.04	151.47	0.92
1	7.65116*	184.00	1214.62	1215.80	1215.76	1216.03	0.012380	2.17	84.95	151.02	0.92
1	7.67441*	184.00	1214.68	1215.86	1215.82	1216.10	0.012381	2.17	84.84	150.55	0.92
1	7.69767*	184.00	1214.74	1215.92	1215.88	1216.16	0.012377	2.17	84.76	150.13	0.92
1	7.72093*	184.00	1214.80	1215.98	1215.94	1216.22	0.012386	2.17	84.63	149.65	0.92
1	7.74418*	184.00	1214.86	1216.04	1216.00	1216.28	0.012378	2.18	84.55	149.24	0.92
1	7.76744*	184.00	1214.92	1216.10	1216.06	1216.34	0.012369	2.18	84.47	148.78	0.92
1	7.79069*	184.00	1214.98	1216.16	1216.12	1216.40	0.012361	2.18	84.38	148.31	0.92
1	7.81395*	184.00	1215.04	1216.22	1216.18	1216.46	0.012369	2.18	84.27	147.91	0.92
1	7.83720*	184.00	1215.10	1216.28	1216.24	1216.52	0.012364	2.19	84.18	147.45	0.92
1	7.86046*	184.00	1215.17	1216.34	1216.30	1216.58	0.012361	2.19	84.09	147.05	0.92
1	7.88372*	184.00	1215.23	1216.40	1216.36	1216.65	0.012352	2.19	84.01	146.60	0.92
1	7.90697*	184.00	1215.29	1216.46	1216.42	1216.71	0.012355	2.19	83.91	146.20	0.92
1	7.93023*	184.00	1215.35	1216.52	1216.48	1216.77	0.012355	2.20	83.80	145.73	0.92
1	7.95348*	184.00	1215.41	1216.58	1216.54	1216.83	0.012346	2.20	83.72	145.29	0.92
1	7.97674*	184.00	1215.47	1216.64	1216.60	1216.89	0.012346	2.20	83.61	144.82	0.92
1	8	184.00	1215.53	1216.70	1216.66	1216.95	0.012339	2.20	83.52	144.36	0.92
1	8.02631*	184.00	1215.59	1216.76	1216.74	1217.02	0.013477	2.28	80.66	141.39	0.96
1	8.05263*	184.00	1215.66	1216.82	1216.81	1217.09	0.013997	2.32	79.32	139.50	0.98
1	8.07894*	184.00	1215.72	1216.88	1216.88	1217.16	0.014223	2.34	78.61	138.03	0.99
1	8.10526*	184.00	1215.79	1216.95	1216.94	1217.23	0.014302	2.35	78.18	136.72	0.99
1	8.13157*	184.00	1215.85	1217.02	1217.01	1217.31	0.014324	2.36	77.88	135.56	0.99
1	8.15789*	184.00	1215.91	1217.09	1217.08	1217.38	0.014322	2.37	77.61	134.36	1.00
1	8.18421*	184.00	1215.98	1217.16	1217.15	1217.45	0.014299	2.38	77.36	133.13	1.00
1	8.21052*	184.00	1216.04	1217.23	1217.22	1217.52	0.014259	2.39	77.14	131.91	1.00
1	8.23684*	184.00	1216.11	1217.30	1217.29	1217.59	0.014232	2.39	76.87	130.54	1.00
1	8.26315*	184.00	1216.17	1217.37	1217.36	1217.66	0.014194	2.40	76.59	129.12	1.00
1	8.28947*	184.00	1216.23	1217.43	1217.43	1217.73	0.014153	2.41	76.30	127.60	1.00
1	8.31578*	184.00	1216.30	1217.50	1217.49	1217.80	0.014105	2.42	76.01	126.06	1.00
1	8.34210*	184.00	1216.36	1217.57	1217.56	1217.87	0.014040	2.43	75.68	124.26	0.99
1	8.36842*	184.00	1216.43	1217.64	1217.63	1217.94	0.013972	2.44	75.33	122.40	0.99
1	8.39473*	184.00	1216.49	1217.70	1217.70	1218.01	0.013916	2.45	74.96	120.53	0.99
1	8.42105*	184.00	1216.55	1217.77	1217.76	1218.08	0.013873	2.47	74.56	118.63	0.99
1	8.44736*	184.00	1216.62	1217.84	1217.83	1218.15	0.013827	2.48	74.19	116.87	0.99
1	8.47368*	184.00	1216.68	1217.90	1217.89	1218.22	0.013787	2.49	73.80	115.07	0.99
1	8.5*	184.00	1216.75	1217.97	1217.96	1218.29	0.013706	2.51	73.43	113.15	0.99

HEC-RAS Plan: Plan 01 River: 1 Reach: 1 Profile: PF 1 (Continued)

Reach	River Sta	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
		(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	
1	8.52631*	184.00	1216.81	1218.03	1218.02	1218.36	0.013649	2.52	73.04	111.27	0.99
1	8.55263*	184.00	1216.87	1218.10	1218.09	1218.42	0.013591	2.53	72.61	109.29	0.99
1	8.57894*	184.00	1216.94	1218.16	1218.15	1218.49	0.013509	2.55	72.23	107.39	0.99
1	8.60526*	184.00	1217.00	1218.23	1218.22	1218.56	0.013450	2.56	71.83	105.55	0.99
1	8.63157*	184.00	1217.06	1218.29	1218.28	1218.63	0.013452	2.58	71.42	104.05	0.99
1	8.65789*	184.00	1217.13	1218.35	1218.35	1218.70	0.013414	2.59	71.07	102.55	0.99
1	8.68421*	184.00	1217.19	1218.42	1218.41	1218.76	0.013396	2.60	70.69	101.07	0.99
1	8.71052*	184.00	1217.26	1218.48	1218.47	1218.83	0.013376	2.61	70.38	99.84	0.99
1	8.73684*	184.00	1217.32	1218.55	1218.54	1218.90	0.013371	2.63	70.04	98.62	0.99
1	8.76315*	184.00	1217.38	1218.61	1218.60	1218.97	0.013359	2.64	69.77	97.59	1.00
1	8.78947*	184.00	1217.45	1218.67	1218.67	1219.03	0.013372	2.65	69.51	96.75	1.00
1	8.81578*	184.00	1217.51	1218.74	1218.73	1219.10	0.013394	2.66	69.25	95.95	1.00
1	8.84210*	184.00	1217.58	1218.80	1218.80	1219.17	0.013382	2.66	69.05	95.18	1.00
1	8.86842*	184.00	1217.64	1218.87	1218.86	1219.23	0.013389	2.67	68.83	94.44	1.00
1	8.89473*	184.00	1217.70	1218.93	1218.93	1219.30	0.013372	2.68	68.65	93.73	1.00
1	8.92105*	184.00	1217.77	1219.00	1218.99	1219.36	0.013372	2.69	68.46	93.09	1.00
1	8.94736*	184.00	1217.83	1219.06	1219.06	1219.43	0.013364	2.69	68.29	92.46	1.00
1	8.97368*	184.00	1217.90	1219.13	1219.12	1219.50	0.013355	2.70	68.11	91.80	1.00
1	9	184.00	1217.96	1219.19	1219.19	1219.56	0.013345	2.71	67.95	91.20	1.00
1	9.03448*	184.00	1218.02	1219.26	1219.25	1219.63	0.013139	2.69	68.30	91.30	0.99
1	9.06896*	184.00	1218.09	1219.32	1219.32	1219.69	0.012960	2.68	68.61	91.40	0.99
1	9.10344*	184.00	1218.16	1219.39	1219.38	1219.75	0.012861	2.68	68.78	91.44	0.98
1	9.13793*	184.00	1218.22	1219.45	1219.44	1219.82	0.012789	2.67	68.92	91.55	0.98
1	9.17241*	184.00	1218.29	1219.52	1219.50	1219.88	0.012685	2.66	69.14	91.70	0.98
1	9.20689*	184.00	1218.35	1219.58	1219.57	1219.94	0.012698	2.66	69.26	92.20	0.98
1	9.24137*	184.00	1218.42	1219.65	1219.63	1220.01	0.012685	2.65	69.49	92.87	0.98
1	9.27586*	184.00	1218.48	1219.71	1219.70	1220.07	0.012691	2.64	69.80	93.98	0.98
1	9.31034*	184.00	1218.55	1219.78	1219.76	1220.13	0.012643	2.62	70.29	95.35	0.97
1	9.34482*	184.00	1218.61	1219.85	1219.83	1220.19	0.012720	2.60	70.85	97.73	0.97
1	9.37931*	184.00	1218.68	1219.91	1219.89	1220.25	0.012711	2.57	71.61	100.34	0.97
1	9.41379*	184.00	1218.74	1219.99	1219.96	1220.31	0.012319	2.51	73.34	104.02	0.95
1	9.44827*	184.00	1218.81	1220.06	1220.02	1220.37	0.012341	2.47	74.40	108.00	0.95
1	9.48275*	184.00	1218.87	1220.14	1220.09	1220.43	0.012107	2.36	77.83	119.14	0.93
1	9.51724*	184.00	1218.94	1220.24	1220.15	1220.49	0.012085	2.21	83.33	141.17	0.92
1	9.55172*	184.00	1219.00	1220.32		1220.55	0.011083	2.11	87.00	147.38	0.88
1	9.58620*	184.00	1219.07	1220.38	1220.31	1220.60	0.010471	2.07	88.95	149.27	0.86
1	9.62068*	184.00	1219.14	1220.44		1220.65	0.010147	2.05	89.92	149.79	0.84
1	9.65517*	184.00	1219.20	1220.49		1220.70	0.010065	2.04	90.16	149.89	0.84
1	9.68965*	184.00	1219.27	1220.54		1220.76	0.010010	2.04	90.38	150.19	0.84
1	9.72413*	184.00	1219.33	1220.60		1220.81	0.009957	2.03	90.67	150.77	0.84
1	9.75862*	184.00	1219.40	1220.65		1220.86	0.009906	2.02	90.94	151.35	0.83
1	9.79310*	184.00	1219.46	1220.70		1220.91	0.009846	2.02	91.25	151.95	0.83
1	9.82758*	184.00	1219.53	1220.75		1220.96	0.009793	2.01	91.52	152.45	0.83
1	9.86206*	184.00	1219.59	1220.80		1221.01	0.009719	2.00	91.87	153.03	0.83
1	9.89655*	184.00	1219.66	1220.85		1221.06	0.009678	2.00	92.12	153.58	0.82
1	9.93103*	184.00	1219.72	1220.90		1221.10	0.009613	1.99	92.46	154.24	0.82
1	9.96551*	184.00	1219.79	1220.95		1221.15	0.009537	1.98	92.83	154.83	0.82
1	10	184.00	1219.85	1221.00		1221.20	0.009488	1.98	93.11	155.41	0.81
1	10.0172*	184.00	1219.92	1221.04	1220.98	1221.26	0.010869	2.08	88.65	152.21	0.87
1	10.0344*	184.00	1219.98	1221.08	1221.04	1221.32	0.011866	2.14	85.80	149.83	0.90
1	10.0517*	184.00	1220.04	1221.14	1221.10	1221.38	0.012328	2.18	84.49	148.35	0.92
1	10.0689*	184.00	1220.10	1221.20	1221.17	1221.45	0.012597	2.20	83.67	147.15	0.93
1	10.0862*	184.00	1220.16	1221.26	1221.23	1221.51	0.012730	2.21	83.17	146.09	0.94
1	10.1034*	184.00	1220.22	1221.32	1221.29	1221.57	0.012829	2.22	82.75	145.12	0.94
1	10.1206*	184.00	1220.28	1221.39	1221.35	1221.64	0.012853	2.23	82.48	144.16	0.94
1	10.1379*	184.00	1220.35	1221.45	1221.42	1221.70	0.012868	2.24	82.24	143.22	0.94
1	10.1551*	184.00	1220.41	1221.51	1221.48	1221.77	0.012859	2.24	82.04	142.27	0.94
1	10.1724*	184.00	1220.47	1221.57	1221.54	1221.83	0.012861	2.25	81.81	141.29	0.94
1	10.1896*	184.00	1220.53	1221.64	1221.61	1221.90	0.012835	2.25	81.63	140.31	0.94
1	10.2069*	184.00	1220.59	1221.70	1221.67	1221.96	0.012826	2.26	81.41	139.29	0.94
1	10.2241*	184.00	1220.65	1221.76	1221.73	1222.02	0.012805	2.27	81.19	138.18	0.94
1	10.2413*	184.00	1220.72	1221.83	1221.79	1222.09	0.012782	2.27	80.97	137.08	0.94
1	10.2586*	184.00	1220.78	1221.89	1221.86	1222.15	0.012741	2.28	80.73	135.75	0.94
1	10.2758*	184.00	1220.84	1221.95	1221.92	1222.22	0.012693	2.29	80.47	134.26	0.94
1	10.2931*	184.00	1220.90	1222.01	1221.98	1222.28	0.012679	2.30	80.14	132.79	0.94
1	10.3103*	184.00	1220.96	1222.07	1222.04	1222.34	0.012631	2.30	79.84	131.18	0.94
1	10.3275*	184.00	1221.02	1222.13	1222.10	1222.41	0.012570	2.31	79.51	129.34	0.94
1	10.3448*	184.00	1221.08	1222.20	1222.16	1222.47	0.012486	2.32	79.16	127.29	0.94
1	10.3620*	184.00	1221.15	1222.26	1222.22	1222.53	0.012478	2.34	78.76	125.64	0.94
1	10.3793*	184.00	1221.21	1222.32	1222.28	1222.60	0.012471	2.35	78.40	124.13	0.94
1	10.3965*	184.00	1221.27	1222.38	1222.34	1222.66	0.012497	2.36	78.01	122.81	0.94
1	10.4137*	184.00	1221.33	1222.44	1222.41	1222.72	0.012521	2.37	77.73	121.88	0.95
1	10.4310*	184.00	1221.39	1222.50	1222.47	1222.79	0.012556	2.38	77.44	121.02	0.95
1	10.4482*	184.00	1221.45	1222.56	1222.53	1222.85	0.012562	2.38	77.22	120.19	0.95
1	10.4655*	184.00	1221.52	1222.62	1222.59	1222.91	0.012567	2.39	77.00	119.39	0.95
1	10.4827*	184.00	1221.58	1222.68	1222.65	1222.98	0.012558	2.40	76.82	118.63	0.95
1	10.5*	184.00	1221.64	1222.74	1222.72	1223.04	0.012559	2.40	76.63	117.87	0.95
1	10.5172*	184.00	1221.70	1222.81	1222.78	1223.10	0.012562	2.41	76.44	117.19	0.95
1	10.5344*	184.00	1221.76	1222.87	1222.84	1223.16	0.012558	2.41	76.27	116.50	0.95
1	10.5517*	184.00	1221.82	1222.93	1222.90	1223.23	0.012564	2.42	76.08	115.84	0.95

HEC-RAS Plan: Plan 01 River: 1 Reach: 1 Profile: PF 1 (Continued)

Reach	River Sta	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
		(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	
1	10.5689*	184.00	1221.89	1222.99	1222.96	1223.29	0.012566	2.42	75.91	115.18	0.95
1	10.5862*	184.00	1221.95	1223.05	1223.02	1223.35	0.012518	2.43	75.79	114.42	0.95
1	10.6034*	184.00	1222.01	1223.11	1223.08	1223.42	0.012500	2.43	75.60	113.57	0.95
1	10.6206*	184.00	1222.07	1223.17	1223.15	1223.48	0.012481	2.44	75.41	112.75	0.95
1	10.6379*	184.00	1222.13	1223.24	1223.21	1223.54	0.012459	2.45	75.23	111.91	0.95
1	10.6551*	184.00	1222.19	1223.30	1223.27	1223.60	0.012446	2.45	75.04	111.13	0.95
1	10.6724*	184.00	1222.25	1223.36	1223.33	1223.67	0.012452	2.46	74.85	110.48	0.95
1	10.6896*	184.00	1222.32	1223.42	1223.39	1223.73	0.012458	2.46	74.66	109.83	0.95
1	10.7069*	184.00	1222.38	1223.48	1223.45	1223.79	0.012462	2.47	74.48	109.20	0.95
1	10.7241*	184.00	1222.44	1223.54	1223.51	1223.85	0.012449	2.48	74.34	108.60	0.95
1	10.7413*	184.00	1222.50	1223.60	1223.57	1223.92	0.012453	2.48	74.17	108.00	0.96
1	10.7586*	184.00	1222.56	1223.66	1223.63	1223.98	0.012451	2.49	74.01	107.40	0.96
1	10.7758*	184.00	1222.62	1223.72	1223.70	1224.04	0.012452	2.49	73.86	106.87	0.96
1	10.7931*	184.00	1222.69	1223.79	1223.76	1224.10	0.012439	2.50	73.73	106.32	0.96
1	10.8103*	184.00	1222.75	1223.85	1223.82	1224.16	0.012444	2.50	73.57	105.77	0.96
1	10.8275*	184.00	1222.81	1223.91	1223.88	1224.23	0.012442	2.51	73.42	105.23	0.96
1	10.8448*	184.00	1222.87	1223.97	1223.94	1224.29	0.012438	2.51	73.28	104.70	0.96
1	10.8620*	184.00	1222.93	1224.03	1224.00	1224.35	0.012427	2.52	73.16	104.19	0.96
1	10.8793*	184.00	1222.99	1224.09	1224.06	1224.41	0.012410	2.52	73.03	103.64	0.96
1	10.8965*	184.00	1223.06	1224.15	1224.12	1224.48	0.012406	2.52	72.90	103.15	0.96
1	10.9137*	184.00	1223.12	1224.21	1224.19	1224.54	0.012425	2.53	72.72	102.63	0.96
1	10.9310*	184.00	1223.18	1224.27	1224.25	1224.60	0.012407	2.53	72.62	102.15	0.96
1	10.9482*	184.00	1223.24	1224.33	1224.31	1224.66	0.012416	2.54	72.46	101.64	0.96
1	10.9655*	184.00	1223.30	1224.40	1224.37	1224.72	0.012398	2.54	72.35	101.18	0.96
1	10.9827*	184.00	1223.36	1224.46	1224.43	1224.79	0.012407	2.55	72.21	100.72	0.96
1	11	184.00	1223.42	1224.52	1224.49	1224.85	0.012401	2.55	72.08	100.25	0.96
1	11.0238*	184.00	1223.48	1224.58	1224.56	1224.91	0.012746	2.58	71.45	100.11	0.97
1	11.0476*	184.00	1223.53	1224.64	1224.62	1224.98	0.012992	2.59	71.03	100.06	0.98
1	11.0714*	184.00	1223.59	1224.70	1224.69	1225.05	0.013110	2.60	70.86	100.15	0.99
1	11.0952*	184.00	1223.64	1224.77	1224.76	1225.11	0.013159	2.60	70.81	100.26	0.99
1	11.1190*	184.00	1223.70	1224.83	1224.82	1225.18	0.013187	2.60	70.81	100.41	0.99
1	11.1428*	184.00	1223.75	1224.90	1224.89	1225.24	0.013196	2.60	70.85	100.59	0.99
1	11.1666*	184.00	1223.81	1224.96	1224.95	1225.31	0.013147	2.59	70.97	100.75	0.99
1	11.1904*	184.00	1223.86	1225.03	1225.02	1225.37	0.013139	2.59	71.02	100.89	0.99
1	11.2142*	184.00	1223.92	1225.10	1225.08	1225.44	0.013099	2.59	71.13	101.03	0.98
1	11.2381*	184.00	1223.97	1225.16	1225.15	1225.50	0.013080	2.58	71.20	101.18	0.98
1	11.2619*	184.00	1224.03	1225.23	1225.21	1225.57	0.013052	2.58	71.31	101.40	0.98
1	11.2857*	184.00	1224.08	1225.29	1225.28	1225.63	0.013057	2.58	71.41	101.79	0.98
1	11.3095*	184.00	1224.14	1225.36	1225.34	1225.70	0.013037	2.57	71.54	102.13	0.98
1	11.3333*	184.00	1224.19	1225.43	1225.41	1225.76	0.012991	2.57	71.71	102.50	0.98
1	11.3571*	184.00	1224.25	1225.49	1225.47	1225.82	0.012958	2.56	71.86	102.83	0.98
1	11.3809*	184.00	1224.30	1225.56	1225.54	1225.89	0.012925	2.56	72.00	103.14	0.98
1	11.4047*	184.00	1224.36	1225.62	1225.60	1225.95	0.012876	2.55	72.18	103.46	0.97
1	11.4285*	184.00	1224.41	1225.69	1225.67	1226.02	0.012848	2.54	72.32	103.81	0.97
1	11.4523*	184.00	1224.47	1225.75	1225.73	1226.08	0.012788	2.54	72.50	104.10	0.97
1	11.4761*	184.00	1224.52	1225.82	1225.79	1226.14	0.012738	2.53	72.65	104.32	0.97
1	11.5*	184.00	1224.58	1225.88	1225.86	1226.21	0.012708	2.53	72.75	104.51	0.97
1	11.5238*	184.00	1224.63	1225.94	1225.92	1226.27	0.012930	2.52	72.98	106.72	0.97
1	11.5476*	184.00	1224.69	1226.01	1225.99	1226.33	0.012801	2.51	73.44	107.59	0.97
1	11.5714*	184.00	1224.74	1226.08	1226.05	1226.39	0.012663	2.49	73.84	108.19	0.96
1	11.5952*	184.00	1224.80	1226.14	1226.11	1226.45	0.012623	2.48	74.24	109.38	0.96
1	11.6190*	184.00	1224.85	1226.21	1226.17	1226.52	0.012483	2.47	74.59	109.76	0.96
1	11.6428*	184.00	1224.91	1226.27	1226.24	1226.58	0.012372	2.46	74.84	109.95	0.95
1	11.6666*	184.00	1224.96	1226.33	1226.30	1226.64	0.012266	2.45	75.01	109.87	0.95
1	11.6904*	184.00	1225.02	1226.39	1226.36	1226.70	0.012190	2.45	75.15	109.86	0.94
1	11.7142*	184.00	1225.07	1226.45	1226.42	1226.76	0.012130	2.45	75.24	109.79	0.94
1	11.7381*	184.00	1225.13	1226.52	1226.48	1226.82	0.012072	2.44	75.30	109.60	0.94
1	11.7619*	184.00	1225.18	1226.58	1226.54	1226.88	0.012058	2.44	75.37	109.76	0.94
1	11.7857*	184.00	1225.24	1226.64	1226.60	1226.94	0.012036	2.44	75.45	109.88	0.94
1	11.8095*	184.00	1225.29	1226.70	1226.66	1227.00	0.011998	2.44	75.55	110.00	0.94
1	11.8333*	184.00	1225.35	1226.76	1226.72	1227.06	0.011964	2.43	75.66	110.19	0.94
1	11.8571*	184.00	1225.40	1226.82	1226.78	1227.12	0.011930	2.43	75.74	110.23	0.94
1	11.8809*	184.00	1225.46	1226.88	1226.83	1227.18	0.011885	2.43	75.86	110.37	0.93
1	11.9047*	184.00	1225.51	1226.94	1226.89	1227.24	0.011850	2.42	75.95	110.44	0.93
1	11.9285*	184.00	1225.57	1227.00	1226.96	1227.29	0.011808	2.42	76.03	110.45	0.93
1	11.9523*	184.00	1225.62	1226.93	1227.02	1227.36	0.019083	2.90	63.46	100.74	1.17
1	11.9761*	184.00	1225.68	1227.00	1227.07	1227.42	0.018682	2.88	63.96	101.11	1.15
1	12	184.00	1225.73	1227.08	1227.13	1227.47	0.016950	2.77	66.34	102.97	1.10
1	12.0322*	184.00	1225.81	1227.14	1227.20	1227.55	0.017547	2.81	65.44	102.14	1.12
1	12.0645*	184.00	1225.89	1227.22	1227.27	1227.62	0.017442	2.81	65.54	102.10	1.12
1	12.0967*	184.00	1225.97	1227.29	1227.34	1227.69	0.017338	2.80	65.65	102.05	1.12
1	12.1290*	184.00	1226.04	1227.36	1227.41	1227.76	0.017285	2.80	65.69	101.96	1.11
1	12.1612*	184.00	1226.12	1227.44	1227.49	1227.83	0.017195	2.80	65.78	101.92	1.11
1	12.1935*	184.00	1226.20	1227.51	1227.56	1227.91	0.017159	2.80	65.80	101.84	1.11
1	12.2258*	184.00	1226.28	1227.58	1227.63	1227.98	0.017131	2.80	65.80	101.73	1.11
1	12.2580*	184.00	1226.35	1227.65	1227.70	1228.05	0.017144	2.80	65.75	101.58	1.11
1	12.2903*	184.00	1226.43	1227.72	1227.78	1228.12	0.017123	2.80	65.74	101.47	1.11
1	12.3225*	184.00	1226.51	1227.80	1227.85	1228.20	0.017144	2.80	65.67	101.29	1.11
1	12.3548*	184.00	1226.59	1227.87	1227.92	1228.27	0.017136	2.80	65.66	101.19	1.11
1	12.3871*	184.00	1226.66	1227.94	1227.99	1228.34	0.017149	2.80	65.60	101.04	1.11

HEC-RAS Plan: Plan 01 River: 1 Reach: 1 Profile: PF 1 (Continued)

Reach	River Sta	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
		(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	
1	12.4193*	184.00	1226.74	1228.01	1228.06	1228.41	0.017208	2.81	65.48	100.84	1.11
1	12.4516*	184.00	1226.82	1228.08	1228.14	1228.49	0.017237	2.81	65.41	100.68	1.11
1	12.4838*	184.00	1226.90	1228.15	1228.21	1228.56	0.017304	2.82	65.28	100.46	1.12
1	12.5161*	184.00	1226.97	1228.22	1228.28	1228.63	0.017343	2.82	65.19	100.29	1.12
1	12.5483*	184.00	1227.05	1228.29	1228.35	1228.70	0.017477	2.83	64.97	100.04	1.12
1	12.5806*	184.00	1227.13	1228.37	1228.42	1228.78	0.017516	2.84	64.88	99.87	1.12
1	12.6129*	184.00	1227.21	1228.44	1228.50	1228.85	0.017610	2.84	64.72	99.63	1.13
1	12.6451*	184.00	1227.28	1228.52	1228.57	1228.92	0.017141	2.81	65.37	100.11	1.11
1	12.6774*	184.00	1227.36	1228.59	1228.64	1228.99	0.017240	2.82	65.20	99.88	1.12
1	12.7096*	184.00	1227.44	1228.66	1228.71	1229.06	0.016887	2.80	65.68	100.19	1.10
1	12.7419*	184.00	1227.52	1228.74	1228.79	1229.13	0.016567	2.78	66.16	100.57	1.09
1	12.7741*	184.00	1227.59	1228.82	1228.86	1229.21	0.016301	2.77	66.54	100.79	1.09
1	12.8064*	184.00	1227.67	1228.90	1228.93	1229.28	0.015852	2.74	67.23	101.27	1.07
1	12.8387*	184.00	1227.75	1228.97	1229.00	1229.35	0.015541	2.72	67.74	101.67	1.06
1	12.8709*	184.00	1227.83	1229.05	1229.07	1229.42	0.015352	2.70	68.03	101.82	1.06
1	12.9032*	184.00	1227.90	1229.12	1229.15	1229.49	0.015047	2.68	68.54	102.20	1.05
1	12.9354*	184.00	1227.98	1229.20	1229.22	1229.56	0.014925	2.68	68.74	102.33	1.04
1	12.9677*	184.00	1228.06	1229.27	1229.29	1229.64	0.014992	2.68	68.61	102.19	1.04
1	13	184.00	1228.14	1229.37	1229.37	1229.71	0.013649	2.59	71.13	104.22	1.00
1	13.025*	184.00	1228.20	1229.46	1229.43	1229.77	0.012116	2.47	74.50	107.00	0.94
1	13.05*	184.00	1228.26	1229.52	1229.49	1229.83	0.012175	2.47	74.37	106.92	0.95
1	13.075*	184.00	1228.32	1229.58	1229.55	1229.90	0.012289	2.48	74.10	106.70	0.95
1	13.1*	184.00	1228.38	1229.64	1229.61	1229.96	0.012405	2.49	73.85	106.56	0.96
1	13.125*	184.00	1228.44	1229.70	1229.67	1230.02	0.012470	2.50	73.71	106.46	0.96
1	13.15*	184.00	1228.50	1229.76	1229.73	1230.08	0.012520	2.50	73.61	106.44	0.96
1	13.175*	184.00	1228.56	1229.82	1229.80	1230.14	0.012554	2.50	73.53	106.36	0.96
1	13.2*	184.00	1228.62	1229.89	1229.86	1230.20	0.012564	2.50	73.52	106.40	0.96
1	13.225*	184.00	1228.68	1229.95	1229.92	1230.27	0.012578	2.50	73.52	106.47	0.96
1	13.25*	184.00	1228.74	1230.01	1229.98	1230.33	0.012582	2.50	73.51	106.47	0.96
1	13.275*	184.00	1228.80	1230.07	1230.05	1230.39	0.012591	2.50	73.52	106.54	0.96
1	13.3*	184.00	1228.86	1230.13	1230.11	1230.45	0.012583	2.50	73.54	106.59	0.96
1	13.325*	184.00	1228.92	1230.20	1230.17	1230.51	0.012590	2.50	73.55	106.66	0.96
1	13.35*	184.00	1228.98	1230.26	1230.23	1230.58	0.012598	2.50	73.54	106.67	0.96
1	13.375*	184.00	1229.04	1230.32	1230.29	1230.64	0.012590	2.50	73.58	106.78	0.96
1	13.4*	184.00	1229.10	1230.38	1230.36	1230.70	0.012591	2.50	73.61	106.89	0.96
1	13.425*	184.00	1229.16	1230.44	1230.42	1230.76	0.012593	2.50	73.61	106.90	0.96
1	13.45*	184.00	1229.22	1230.51	1230.48	1230.83	0.012593	2.50	73.64	107.00	0.96
1	13.475*	184.00	1229.29	1230.57	1230.54	1230.89	0.012588	2.50	73.66	107.06	0.96
1	13.5*	184.00	1229.35	1230.63	1230.61	1230.95	0.012596	2.50	73.68	107.15	0.96
1	13.525*	184.00	1229.41	1230.69	1230.67	1231.01	0.012600	2.50	73.68	107.20	0.96
1	13.55*	184.00	1229.47	1230.76	1230.73	1231.07	0.012594	2.50	73.71	107.28	0.96
1	13.575*	184.00	1229.53	1230.82	1230.79	1231.14	0.012587	2.49	73.76	107.39	0.96
1	13.6*	184.00	1229.59	1230.88	1230.85	1231.20	0.012592	2.49	73.76	107.43	0.96
1	13.625*	184.00	1229.65	1230.94	1230.92	1231.26	0.012595	2.49	73.78	107.52	0.96
1	13.65*	184.00	1229.71	1231.00	1230.98	1231.32	0.012586	2.49	73.82	107.60	0.96
1	13.675*	184.00	1229.77	1231.07	1231.04	1231.38	0.012597	2.49	73.82	107.70	0.96
1	13.7*	184.00	1229.83	1231.13	1231.10	1231.45	0.012590	2.49	73.85	107.73	0.96
1	13.725*	184.00	1229.89	1231.19	1231.16	1231.51	0.012598	2.49	73.86	107.84	0.96
1	13.75*	184.00	1229.95	1231.25	1231.23	1231.57	0.012595	2.49	73.89	107.92	0.96
1	13.775*	184.00	1230.01	1231.32	1231.29	1231.63	0.012594	2.49	73.92	108.03	0.96
1	13.8*	184.00	1230.07	1231.38	1231.35	1231.69	0.012576	2.49	73.97	108.09	0.96
1	13.825*	184.00	1230.13	1231.44	1231.41	1231.76	0.012597	2.49	73.96	108.18	0.96
1	13.85*	184.00	1230.19	1231.50	1231.48	1231.82	0.012603	2.49	73.97	108.25	0.96
1	13.875*	184.00	1230.25	1231.56	1231.54	1231.88	0.012599	2.49	74.00	108.35	0.96
1	13.9*	184.00	1230.31	1231.63	1231.60	1231.94	0.012592	2.49	74.03	108.44	0.96
1	13.925*	184.00	1230.37	1231.69	1231.66	1232.00	0.012597	2.48	74.05	108.54	0.96
1	13.95*	184.00	1230.43	1231.75	1231.72	1232.07	0.012603	2.48	74.07	108.63	0.96
1	13.975*	184.00	1230.50	1231.81	1231.79	1232.13	0.012600	2.48	74.10	108.71	0.96
1	14	184.00	1230.56	1231.88	1231.85	1232.19	0.012596	2.48	74.13	108.81	0.96