

Reach	River Sta	Profile	E.G. Elev (m)	W.S. Elev (m)	Vel Head (m)	Frctn Loss (m)	C & E Loss (m)	Q Left (m3/s)	Q Channel (m3/s)	Q Right (m3/s)	Top Width (m)
afra02-08	10	q20	339.34	338.56	0.78	2.04	0.13		102.10		16.76
afra02-08	10	q30	339.44	338.61	0.83	1.92	0.15		108.40		16.83
afra02-08	10	q200	339.86	338.93	0.93	1.80	0.17		138.19		17.38
afra02-08	10	q500	340.28	339.22	1.05	1.74	0.19		170.76		17.93
afra02-08	9	q20	332.34	330.53	1.80	6.90	0.10		102.10		19.13
afra02-08	9	q30	332.40	330.58	1.82	6.94	0.10		108.40		19.24
afra02-08	9	q200	332.98	330.71	2.27	6.74	0.13		138.19		19.52
afra02-08	9	q500	333.49	330.87	2.61	6.64	0.16		170.76		19.86
afra02-08	8	q20	330.75	330.01	0.75	1.78	0.02		102.10		13.90
afra02-08	8	q30	330.84	329.91	0.93	1.55	0.09		108.40		13.53
afra02-08	8	q200	331.32	330.29	1.03	1.34	0.13		138.19		14.95
afra02-08	8	q500	331.77	330.63	1.15	0.88	0.22	0.00	170.76		15.70
afra02-08	7	q20	328.95	328.06	0.90				102.10		13.50
afra02-08	7	q30	329.14	328.52	0.62	0.06	0.07		108.40		15.43
afra02-08	7	q200	329.69	329.10	0.59	0.05	0.04		138.17	0.02	19.70
afra02-08	7	q500	330.26	329.85	0.41	0.04	0.03	0.16	159.04	11.56	45.69
afra02-08	6.8	q20	328.72	328.08	0.65				102.10		14.13
afra02-08	6.8	q30	329.01	328.53	0.48	0.00	0.16		108.40		14.76
afra02-08	6.8	q200	329.60	329.08	0.51	0.00	0.21		138.19		15.43
afra02-08	6.8	q500	330.20	329.68	0.52	0.00	0.26		170.76		18.06
afra02-08	6.5		Bridge								
afra02-08	6.3	q20	328.72	327.52	1.20				102.10		13.13
afra02-08	6.3	q30	328.80	327.66	1.15	0.01	0.04		108.40		13.37
afra02-08	6.3	q200	329.32	327.91	1.41	0.01	0.06		138.19		13.82
afra02-08	6.3	q500	329.83	328.15	1.68	0.01	0.09		170.76		14.27
afra02-08	5	q20	327.41	323.13	4.29	0.38	0.93		102.10		15.29
afra02-08	5	q30	327.50	323.17	4.34	0.34	0.96		108.40		15.30
afra02-08	5	q200	328.00	323.34	4.66	0.35	0.97		138.19		15.35
afra02-08	5	q500	328.49	323.52	4.97	0.35	0.99		170.76		16.16
afra02-08	4.8	q20	324.75	324.17	0.58	0.00	0.00		102.10		13.84
afra02-08	4.8	q30	324.87	324.27	0.60	0.00	0.00		108.40		14.07
afra02-08	4.8	q200	325.37	324.67	0.69	0.00	0.00		138.19		15.00
afra02-08	4.8	q500	325.85	325.06	0.79	0.00	0.00		170.76		15.89
afra02-08	4.5		Bridge								
afra02-08	4.3	q20	324.69	324.02	0.67	0.57	0.01		102.10		13.46
afra02-08	4.3	q30	324.80	324.11	0.69	0.56	0.01		108.40		13.69
afra02-08	4.3	q200	325.30	324.49	0.80	0.57	0.01		138.19		14.59
afra02-08	4.3	q500	325.77	324.85	0.92	0.60	0.01		170.76		15.40
afra02-08	4	q20	324.11	323.46	0.65	0.10	0.08		102.10		13.99
afra02-08	4	q30	324.23	323.56	0.67	0.10	0.09		108.40		14.24
afra02-08	4	q200	324.71	323.93	0.77	0.10	0.11		138.19		15.17
afra02-08	4	q500	325.16	324.26	0.91	0.10	0.14		170.76	0.00	15.94
afra02-08	3.8	q20	323.93	323.44	0.48	0.00	0.00		102.10		17.04
afra02-08	3.8	q30	324.04	323.55	0.49	0.00	0.00		108.40		17.43
afra02-08	3.8	q200	324.50	323.95	0.55	0.00	0.00		138.18	0.01	18.44
afra02-08	3.8	q500	324.93	324.30	0.63	0.00	0.00	0.01	170.66	0.10	19.71
afra02-08	3.5		Bridge								
afra02-08	3.3	q20	323.82	323.18	0.64	0.10	0.04		102.10		16.08
afra02-08	3.3	q30	323.89	323.09	0.80	0.12	0.00		108.40		15.74
afra02-08	3.3	q200	324.33	323.38	0.95				138.19		16.79
afra02-08	3.3	q500	324.75	323.70	1.05	0.11	0.00		170.76		17.87
afra02-08	3	q20	323.68	322.90	0.78	4.03	0.01		102.10		16.58
afra02-08	3	q30	323.77	322.97	0.80	4.04	0.01		108.40		16.83
afra02-08	3	q200	324.20	323.22	0.98	0.12	0.01		138.19	0.00	17.45
afra02-08	3	q500	324.62	323.51	1.10	0.12	0.02	0.01	170.71	0.05	17.99



HEC-RAS Plan: Plan 02 River: afra Reach: afra02-08 (Continued)

Reach	River Sta	Profile	E.G. Elev (m)	W.S. Elev (m)	Vel Head (m)	Frctn Loss (m)	C & E Loss (m)	Q Left (m3/s)	Q Channel (m3/s)	Q Right (m3/s)	Top Width (m)
afra02-08	0.02	q20	305.03	304.54	0.48	0.07	0.05	5.34	93.58	3.18	16.77
afra02-08	0.02	q30	305.13	304.63	0.50	0.07	0.05	6.03	98.79	3.57	16.99
afra02-08	0.02	q200	305.41	304.39	1.03	0.04	0.45	6.38	128.00	3.82	16.37
afra02-08	0.02	q500	305.87	304.73	1.14	0.10	0.30	10.15	154.62	5.99	17.24
afra02-08	0.01	q20	304.91	304.27	0.64	3.08	0.05	10.37	83.17	8.56	20.35
afra02-08	0.01	q30	305.02	304.35	0.67	3.08	0.05	11.64	87.55	9.21	22.33
afra02-08	0.01	q200	304.63	304.51	0.12	1.48	0.24	40.40	47.59	50.19	65.84
afra02-08	0.01	q500	304.95	304.40	0.54	0.50	0.25	70.62	90.30	9.84	44.16
afra02-08	0	q20	301.79	300.98	0.81			4.25	86.27	11.58	17.27
afra02-08	0	q30	301.88	301.05	0.83			4.91	90.36	13.13	17.56
afra02-08	0	q200	302.31	301.39	0.92			8.51	108.62	21.06	18.89
afra02-08	0	q500	301.54	301.49	0.05			137.15	27.82	5.80	91.01